

Data File : BM020673.D
Acq On : 03 Jun 2019 16:28
Operator : HP/JU
Sample : PB120172BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Quant Time: Jun 04 04:14:04 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	314359	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1192979	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	573019	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1080270	20.00	ng	0.00
76) Chrysene-d12	21.39	240	917597	20.00	ng	-0.01
87) Perylene-d12	23.67	264	1075038	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2637846	147.61	ng	0.00
7) Phenol-d6	7.00	99	3431703	130.41	ng	0.00
23) Nitrobenzene-d5	8.99	82	1781409	77.37	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	966802	136.18	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	3548510	82.33	ng	0.00
79) Terphenyl-d14	19.83	244	3307403	60.29	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.35	88	236159	32.277 ng	98
3) Pyridine	3.74	79	652837	28.044 ng	99
4) n-Nitrosodimethylamine	3.66	42	293730	29.270 ng	99
6) Aniline	7.16	93	750726	19.717 ng	99
8) 2-Chlorophenol	7.39	128	692085	31.130 ng	99
9) Benzaldehyde	6.97	77	234145	11.517 ng	98
10) Phenol	7.02	94	832797	29.368 ng	97
11) bis(2-Chloroethyl)ether	7.26	93	634533	28.077 ng	99
12) 1,3-Dichlorobenzene	7.72	146	734718	28.755 ng	99
13) 1,4-Dichlorobenzene	7.86	146	749370	28.849 ng	99
14) 1,2-Dichlorobenzene	8.18	146	716012	28.325 ng	100
15) Benzyl Alcohol	8.07	79	605498	26.010 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	891520	25.551 ng	99
17) 2-Methylphenol	8.26	107	554618	27.813 ng	99
18) Hexachloroethane	8.90	117	279081	28.062 ng	98
19) n-Nitroso-di-n-propylamine	8.63	70	518712	24.523 ng	98
20) 3+4-Methylphenols	8.59	107	714877	26.350 ng	99
22) Acetophenone	8.65	105	963170	31.782 ng	# 97
24) Nitrobenzene	9.03	77	758538	32.270 ng	99
25) Isophorone	9.55	82	1318265	28.782 ng	99
26) 2-Nitrophenol	9.73	139	303818	34.681 ng	98
27) 2,4-Dimethylphenol	9.79	122	577077	35.154 ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	814808	29.423 ng	99
29) 2,4-Dichlorophenol	10.26	162	580887	31.984 ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	664826	31.835 ng	98
31) Naphthalene	10.67	128	1962317	31.987 ng	99
32) Benzoic acid	9.91	122	280191	29.351 ng	98
33) 4-Chloroaniline	10.78	127	356269	12.479 ng	98
34) Hexachlorobutadiene	10.95	225	385609	30.774 ng	99
35) Caprolactam	11.56	113	152080	24.103 ng	94
36) 4-Chloro-3-methylphenol	11.90	107	587741	27.834 ng	99
37) 2-Methylnaphthalene	12.28	142	1374737	30.233 ng	99
38) 1-Methylnaphthalene	12.50	142	1294990	29.909 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	678751	36.145 ng	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	842447	75.012	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	411013	34.004	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	439505	35.220	ng	97
46) 1,1'-Biphenyl	13.30	154	1689463	35.303	ng	99
47) 2-Chloronaphthalene	13.34	162	1290083	33.400	ng	99
48) 2-Nitroaniline	13.54	65	356041	29.369	ng	95
49) Acenaphthylene	14.19	152	1983735	32.916	ng	100
50) Dimethylphthalate	13.93	163	1465101	29.927	ng	100
51) 2,6-Dinitrotoluene	14.04	165	311822	31.369	ng	93
52) Acenaphthene	14.53	154	1161169	32.331	ng	100
53) 3-Nitroaniline	14.37	138	192877	17.384	ng	92
54) 2,4-Dinitrophenol	14.57	184	242495	58.819	ng	96
55) Dibenzofuran	14.86	168	1780631	31.922	ng	100
56) 4-Nitrophenol	14.67	139	503066	61.528	ng	97
57) 2,4-Dinitrotoluene	14.83	165	403064	30.283	ng	100
58) Fluorene	15.51	166	1407154	30.676	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	347733	31.979	ng	99
60) Diethylphthalate	15.29	149	1433926	28.400	ng	100
61) 4-Chlorophenyl-phenylether	15.51	204	712710	29.344	ng	99
62) 4-Nitroaniline	15.53	138	301999	25.664	ng	98
63) Azobenzene	15.80	77	1414269	29.217	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	143708	32.675	ng	98
66) n-Nitrosodiphenylamine	15.73	169	1187823	34.348	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	412367	32.421	ng	98
68) Hexachlorobenzene	16.51	284	463485	31.207	ng	98
69) Atrazine	16.67	200	365097	35.374	ng	98
70) Pentachlorophenol	16.86	266	509923	71.968	ng	99
71) Phenanthrene	17.25	178	1982057	32.369	ng	99
72) Anthracene	17.34	178	2023957	33.024	ng	100
73) Carbazole	17.61	167	1769405	31.815	ng	100
74) Di-n-butylphthalate	18.18	149	2132503	29.538	ng	99
75) Fluoranthene	19.26	202	2107894	30.955	ng	99
77) Benzidine	19.45	184	951057	34.206	ng	99
78) Pyrene	19.63	202	2149577	30.527	ng	100
80) Butylbenzylphthalate	20.53	149	866939	29.133	ng	100
81) Benzo(a)anthracene	21.37	228	2058462	32.214	ng	99
82) 3,3'-Dichlorobenzidine	21.31	252	647992	27.692	ng	98
83) Chrysene	21.42	228	2062559	33.956	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1269291	29.348	ng	98
85) Di-n-octyl phthalate	22.20	149	2171510	31.625	ng	99
86) Indeno(1,2,3-cd)pyrene	26.00	276	2946899	47.423	ng	100
88) Benzo(b)fluoranthene	22.99	252	2340918	32.946	ng	99
89) Benzo(k)fluoranthene	23.03	252	2228250	32.090	ng	100
90) Benzo(a)pyrene	23.57	252	2286264	35.474	ng	99
91) Dibenzo(a,h)anthracene	26.01	278	2484103	39.729	ng	99
92) Benzo(g,h,i)perylene	26.71	276	2410997	41.513	ng	99

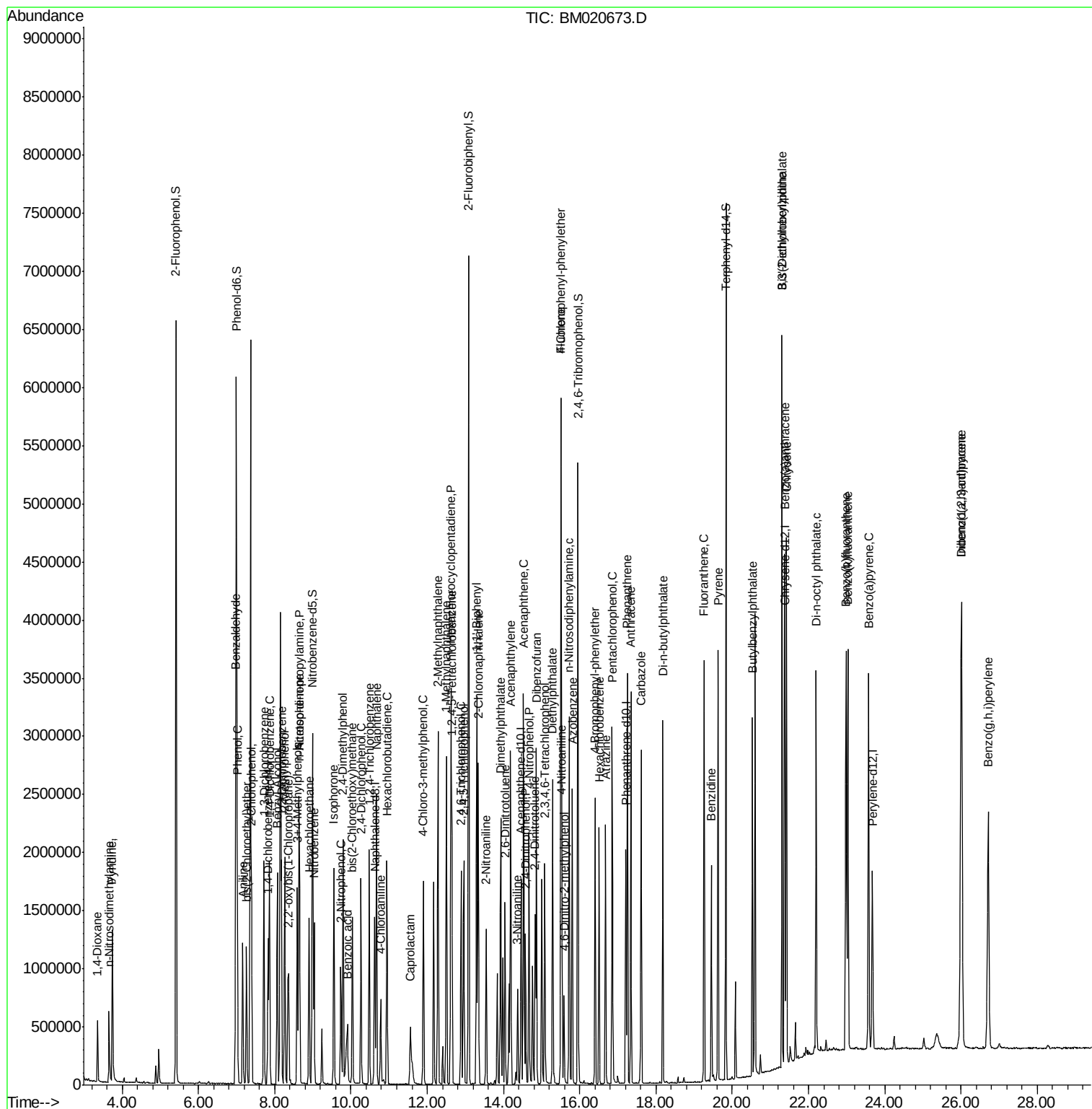
(#) = qualifier out of range (m) = manual integration (+) = signals summed

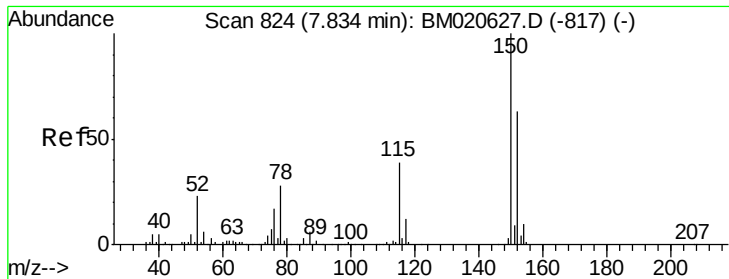
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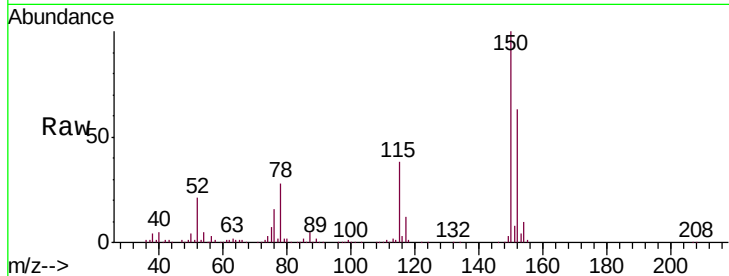


#1

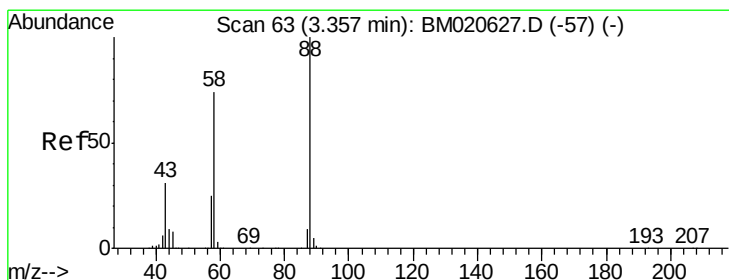
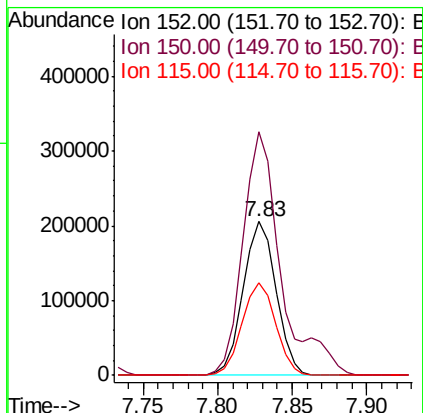
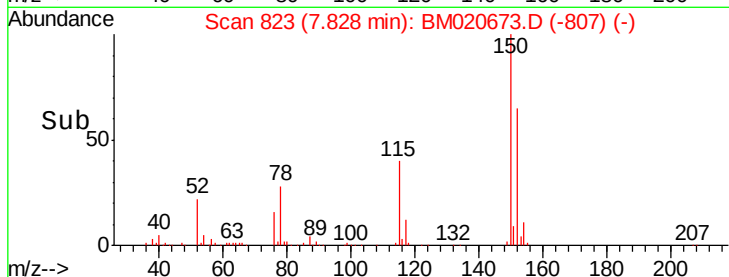
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tgt Ion:152 Resp: 314359
Ion Ratio Lower Upper
152 100
150 158.7 126.0 189.0
115 60.7 49.6 74.4



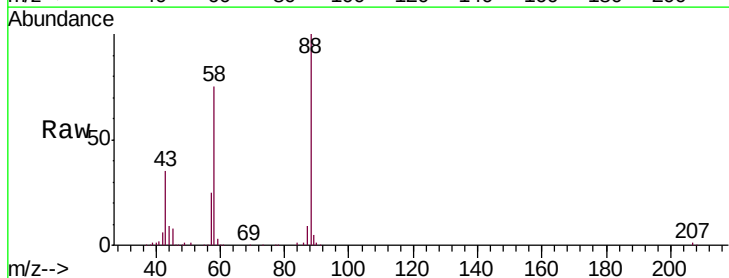
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



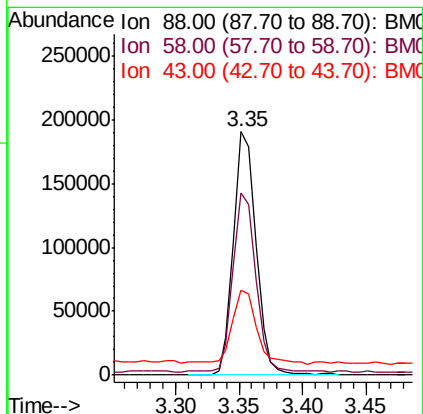
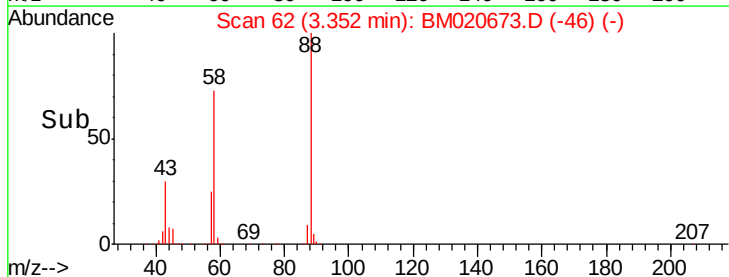
#2

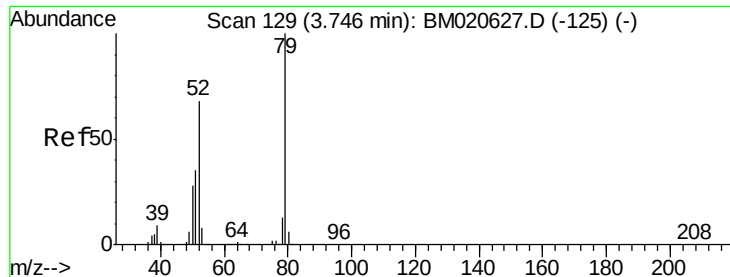
1,4-Dioxane
Concen: 32.277 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

Tgt Ion: 88 Resp: 236159
Ion Ratio Lower Upper
88 100
58 73.0 60.2 90.4
43 32.6 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: 28.044 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

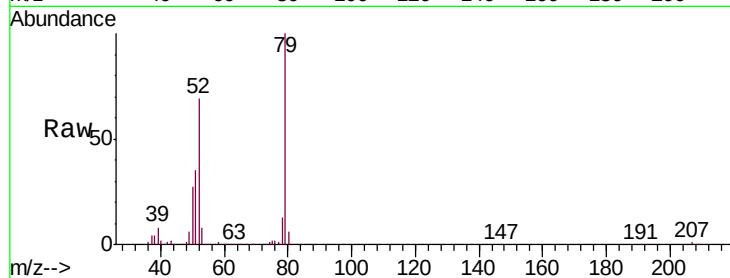
Tgt Ion: 79 Resp: 652837

Ion Ratio Lower Upper

79 100

52 68.6 54.1 81.1

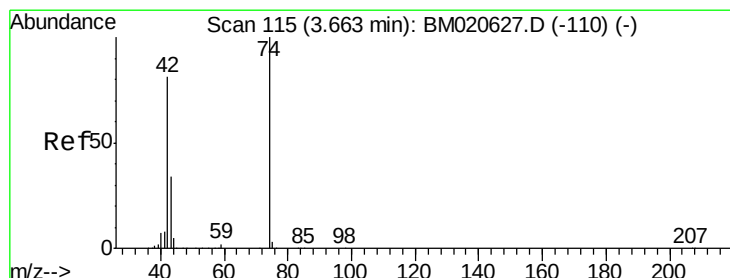
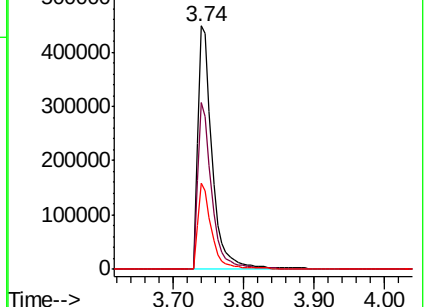
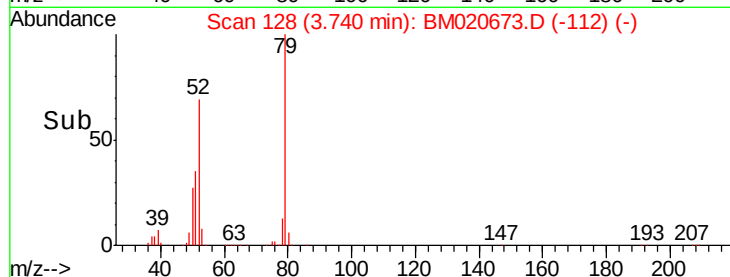
51 35.4 28.6 42.8



Abundance Ion 79.00 (78.70 to 79.70): BM020627.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020627.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020627.D (-125) (-)



#4

n-Nitrosodimethylamine

Concen: 29.270 ng

RT: 3.66 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

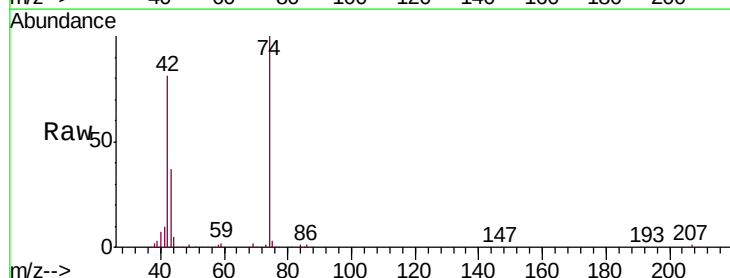
Tgt Ion: 42 Resp: 293730

Ion Ratio Lower Upper

42 100

74 123.3 99.4 149.0

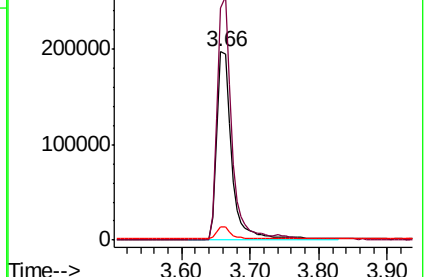
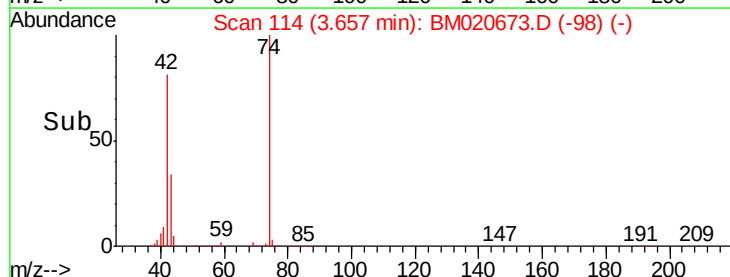
44 6.7 5.8 8.8

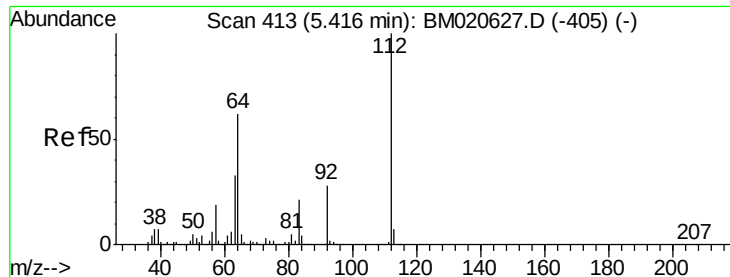


Abundance Ion 42.00 (41.70 to 42.70): BM020627.D (-110) (-)

Ion 74.00 (73.70 to 74.70): BM020627.D (-110) (-)

Ion 44.00 (43.70 to 44.70): BM020627.D (-110) (-)





#5

2-Fluorophenol

Concen: 147.607 ng

RT: 5.42 min Scan# 413

Delta R.T. -0.00 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

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ClientSampleId :

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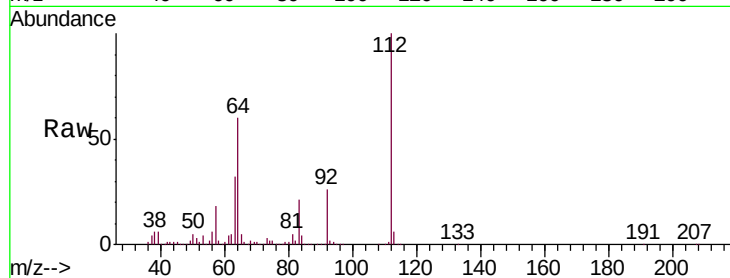
Tgt Ion:112 Resp: 2637846

Ion Ratio Lower Upper

112 100

64 60.2 49.7 74.5

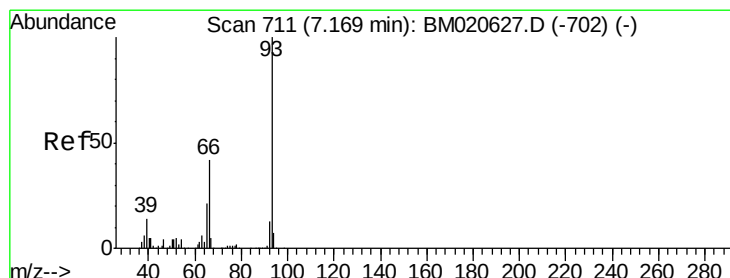
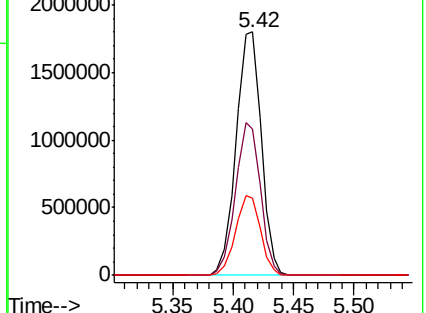
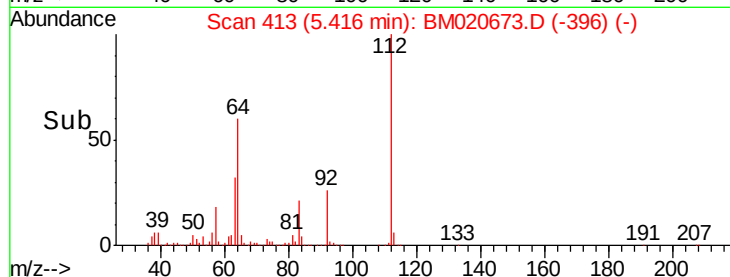
63 31.7 26.4 39.6



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: 19.717 ng

RT: 7.16 min Scan# 710

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

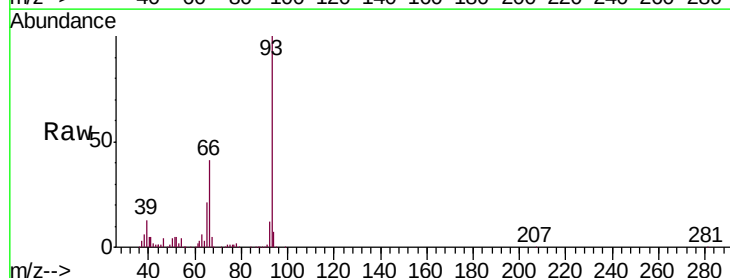
Tgt Ion: 93 Resp: 750726

Ion Ratio Lower Upper

93 100

66 41.2 33.6 50.4

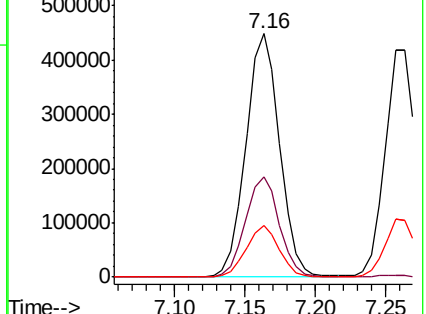
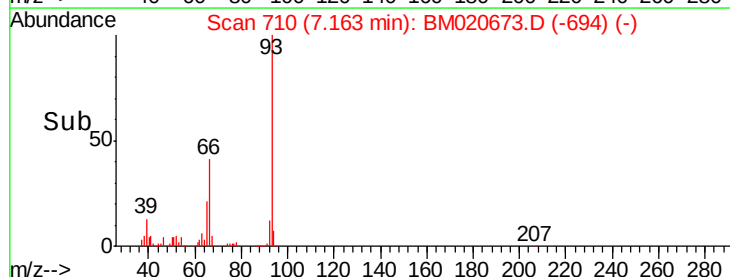
65 21.3 16.7 25.1

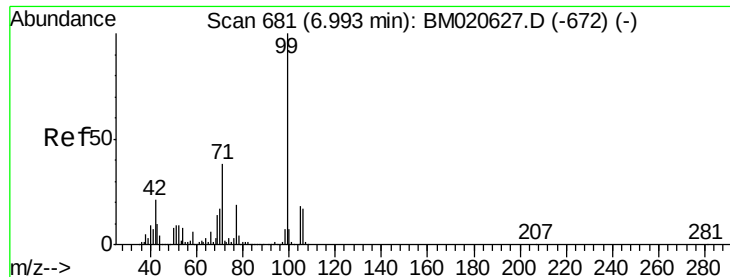


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 130.413 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM020673.D

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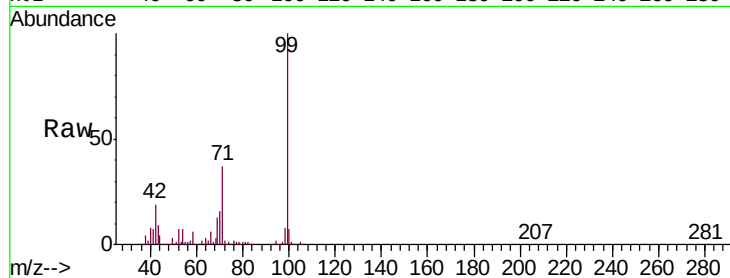
Tgt Ion: 99 Resp: 3431703

Ion Ratio Lower Upper

99 100

42 19.1 16.5 24.7

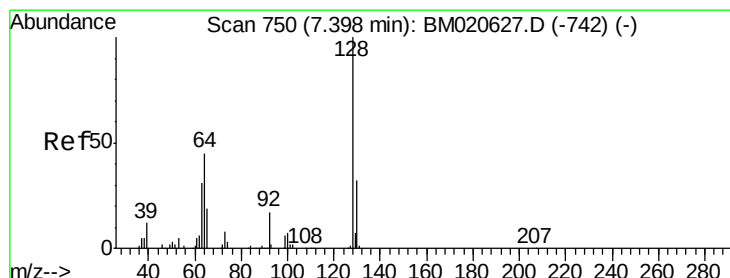
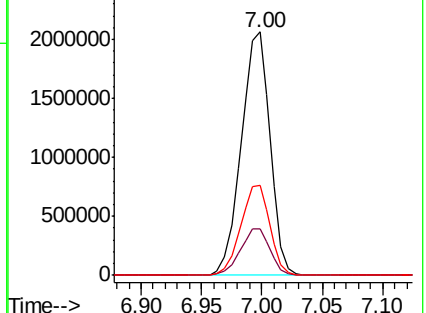
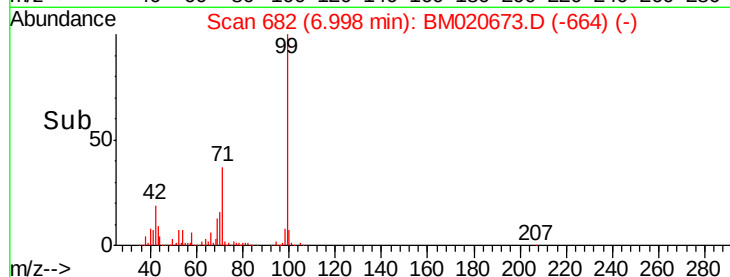
71 37.2 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020627.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM020627.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM020627.D (-672) (-)



#8

2-Chlorophenol

Concen: 31.130 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

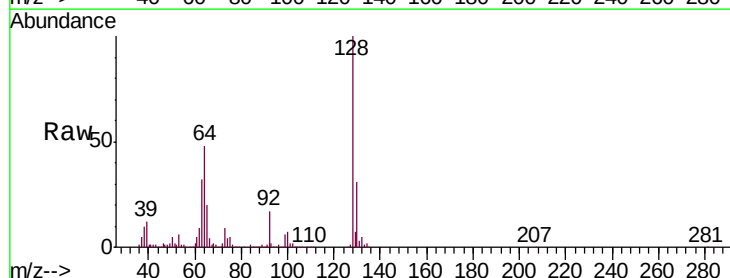
Tgt Ion: 128 Resp: 692085

Ion Ratio Lower Upper

128 100

130 31.5 12.2 52.2

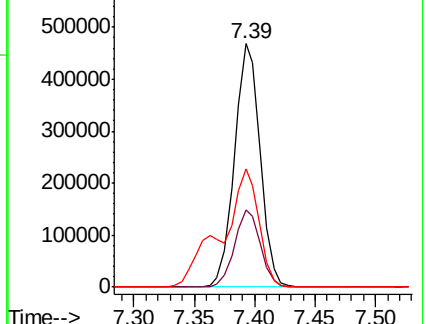
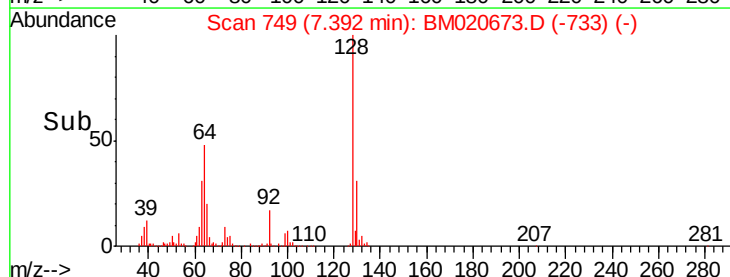
64 48.3 29.1 69.1

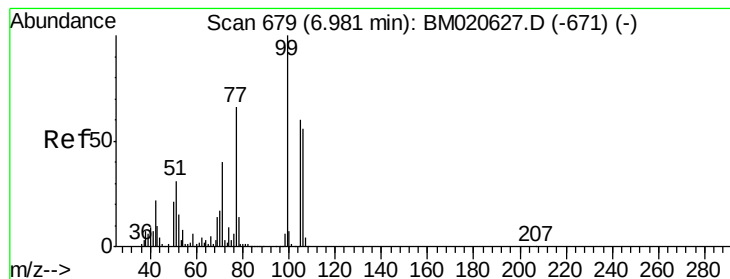


Abundance Ion 128.00 (127.70 to 128.70): BM020627.D (-742) (-)

Ion 130.00 (129.70 to 130.70): BM020627.D (-742) (-)

Ion 64.00 (63.70 to 64.70): BM020627.D (-742) (-)





#9

Benzaldehyde

Concen: 11.517 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

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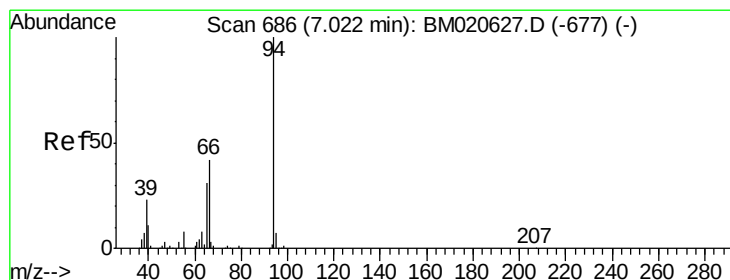
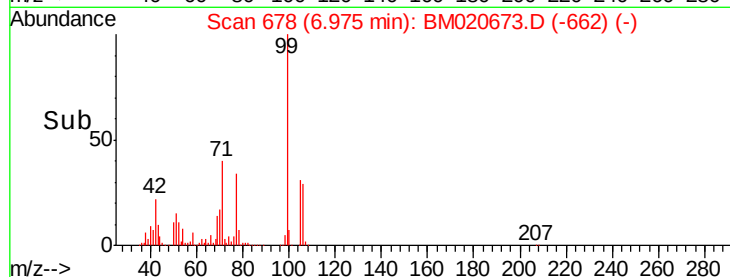
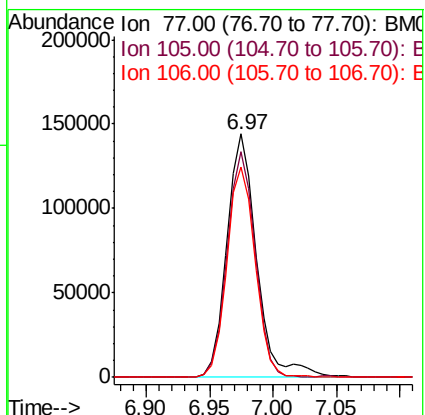
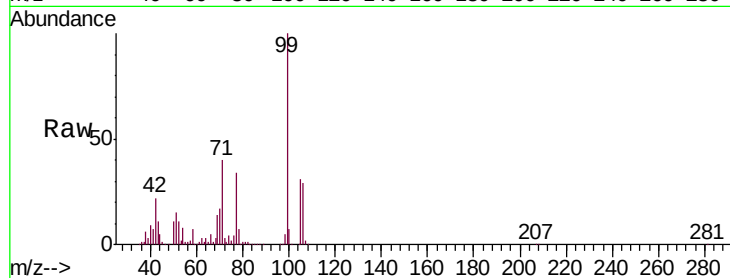
Tgt Ion: 77 Resp: 234145

Ion Ratio Lower Upper

77 100

105 92.9 70.6 110.6

106 86.2 64.9 104.9



#10

Phenol

Concen: 29.368 ng

RT: 7.02 min Scan# 686

Delta R.T. -0.00 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

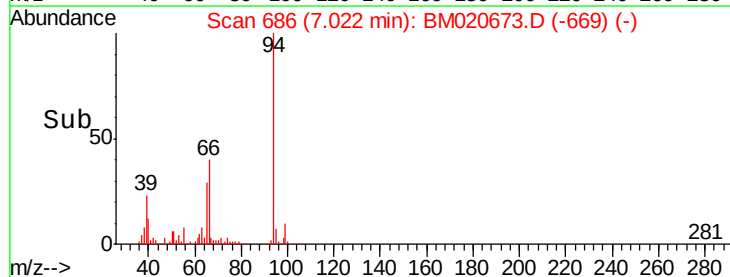
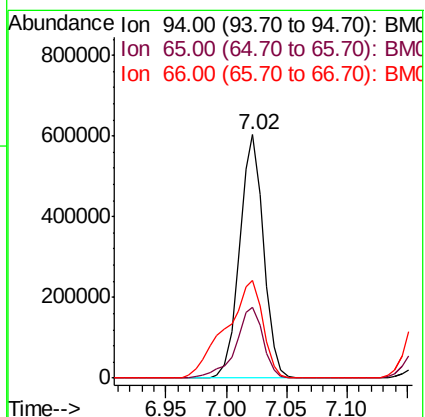
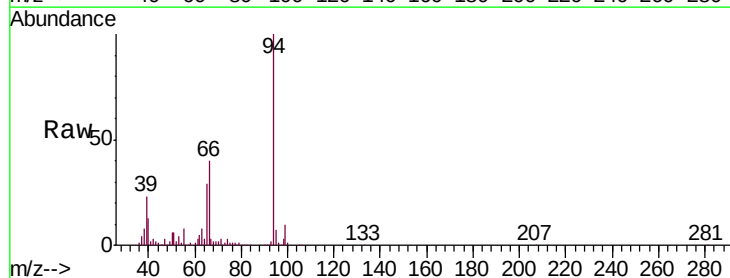
Tgt Ion: 94 Resp: 832797

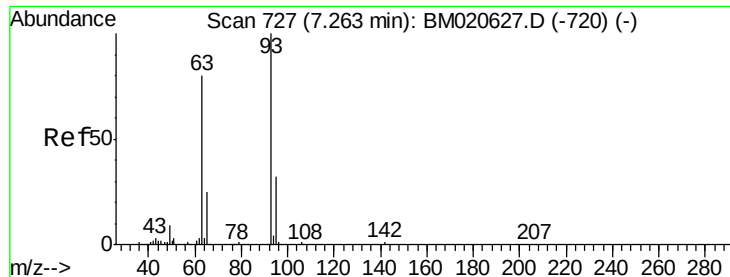
Ion Ratio Lower Upper

94 100

65 29.3 10.7 50.7

66 40.0 22.3 62.3

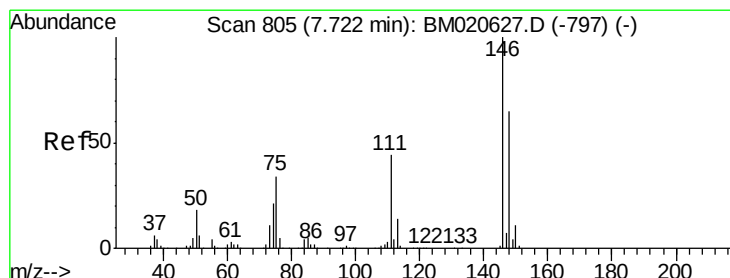
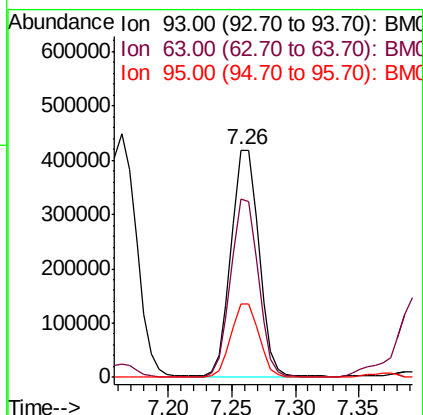
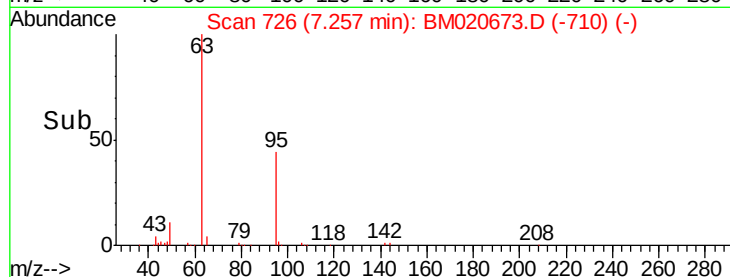
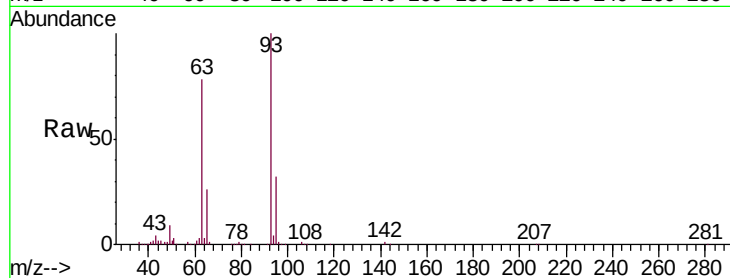




#11
bis(2-Chloroethyl)ether
Concen: 28.077 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

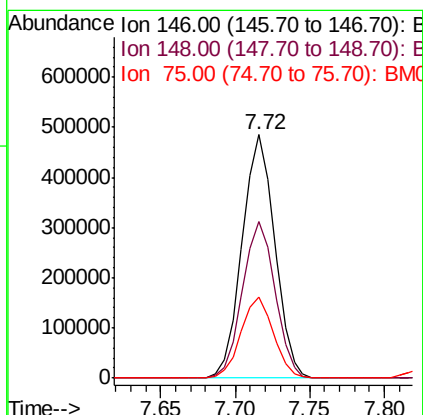
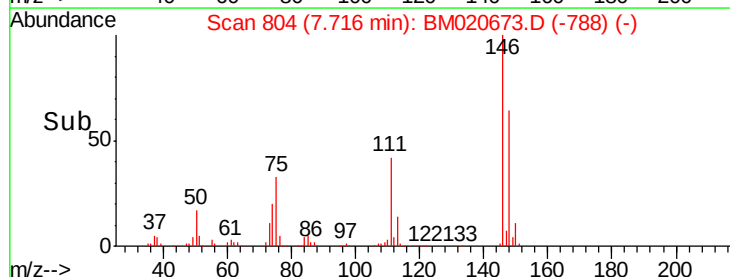
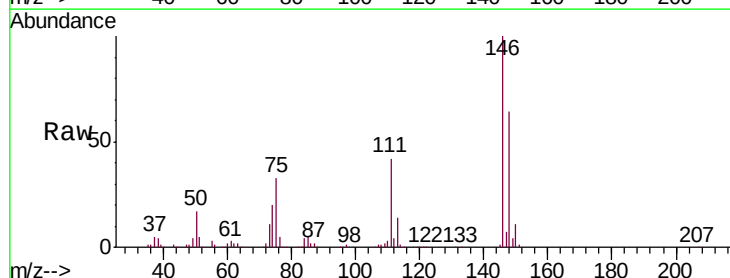
Instrument :
BNA_M
ClientSampleId :
PB120172BS

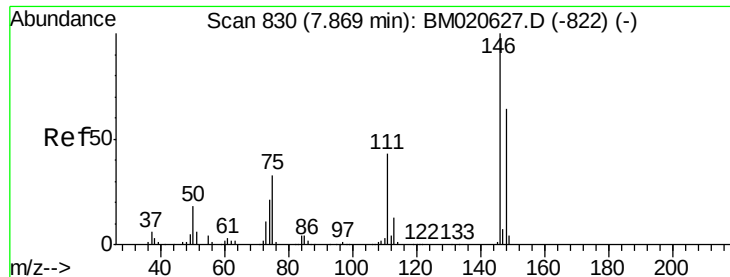
Tgt Ion: 93 Resp: 634533
Ion Ratio Lower Upper
93 100
63 78.3 60.0 100.0
95 32.3 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 28.755 ng
RT: 7.72 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

Tgt Ion: 146 Resp: 734718
Ion Ratio Lower Upper
146 100
148 64.4 52.0 78.0
75 33.0 27.0 40.4

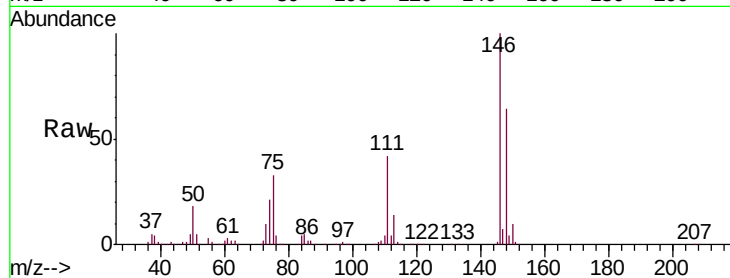




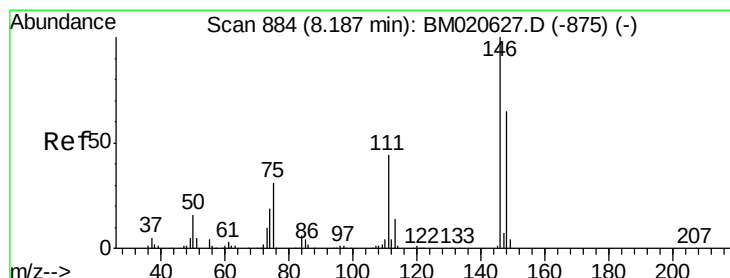
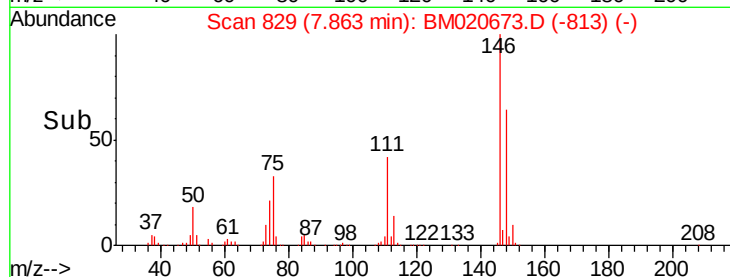
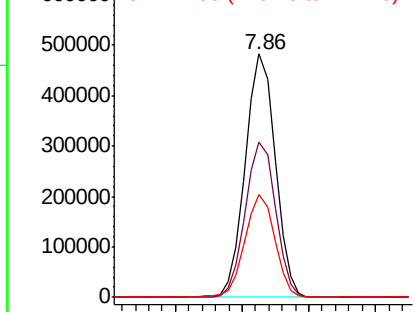
#13
 1,4-Dichlorobenzene
 Concen: 28.849 ng
 RT: 7.86 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

Tgt Ion:146 Resp: 749370
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.4
 111 42.0 34.4 51.6

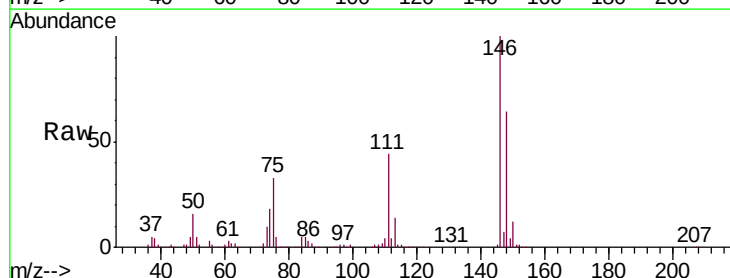


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

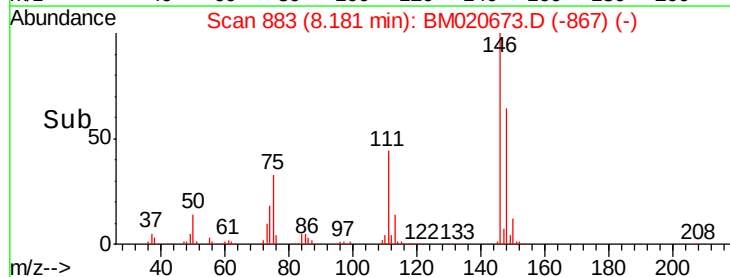
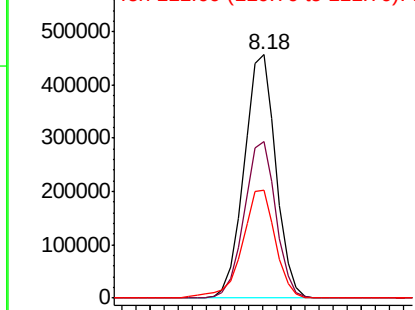


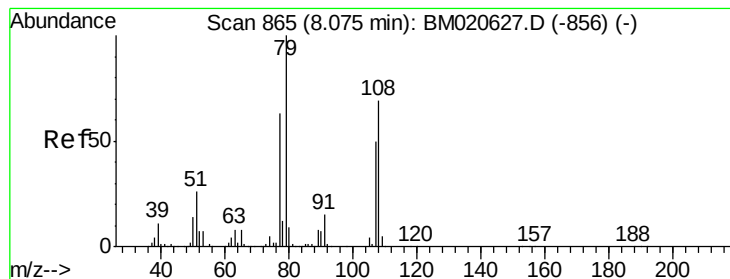
#14
 1,2-Dichlorobenzene
 Concen: 28.325 ng
 RT: 8.18 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

Tgt Ion:146 Resp: 716012
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.8
 111 44.1 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: 26.010 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleID :

PB120172BS

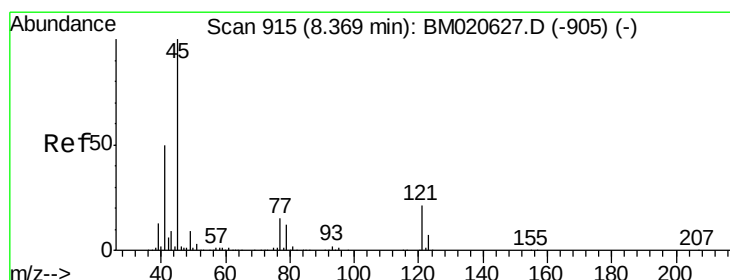
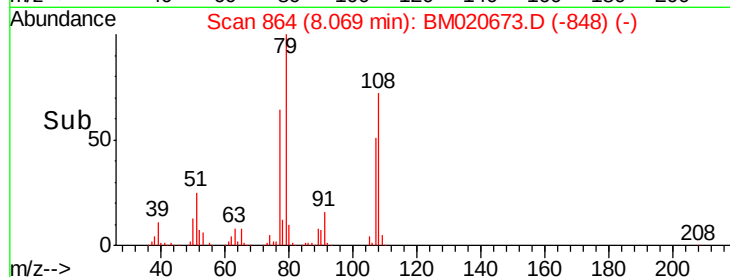
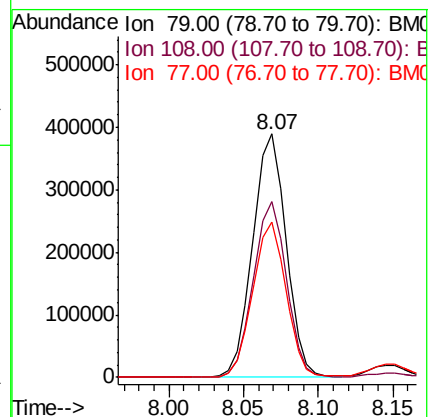
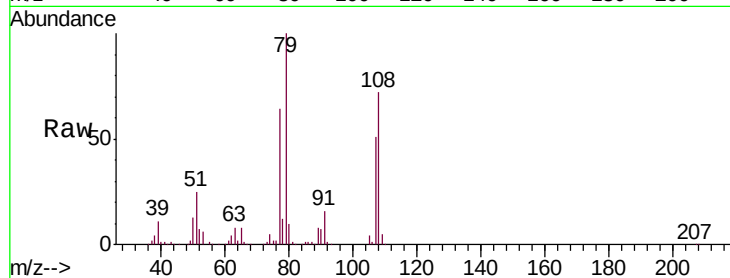
Tgt Ion: 79 Resp: 605498

Ion Ratio Lower Upper

79 100

108 72.0 54.9 82.3

77 63.9 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.551 ng

RT: 8.36 min Scan# 913

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

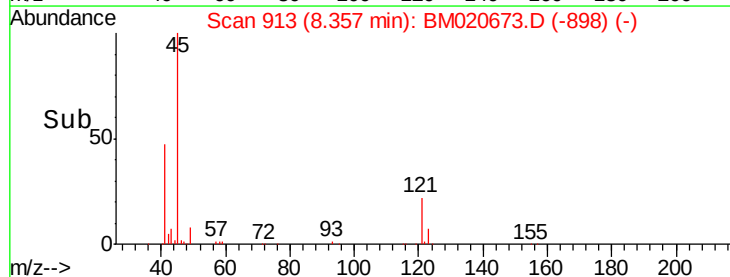
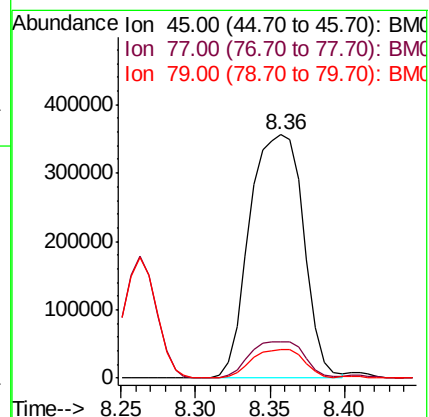
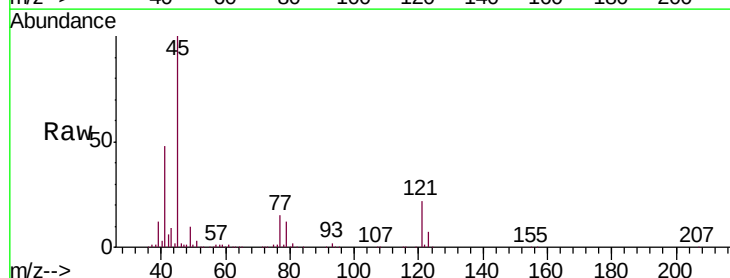
Tgt Ion: 45 Resp: 891520

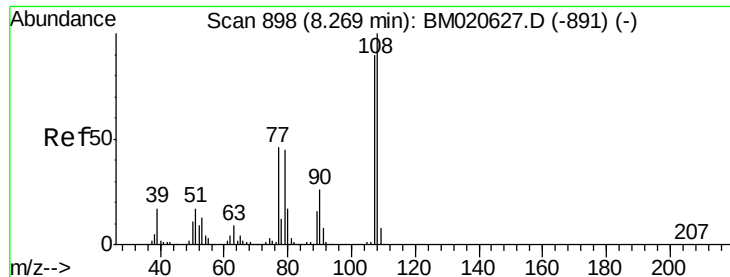
Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.9

79 11.5 0.0 31.8

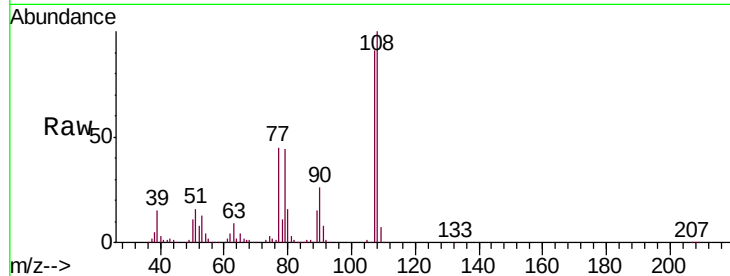




#17
2-Methylphenol
Concen: 27.813 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.3	88.6	133.0
77	49.3	40.6	61.0
79	48.5	39.9	59.9



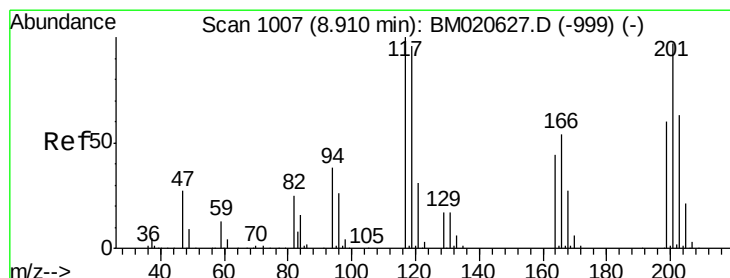
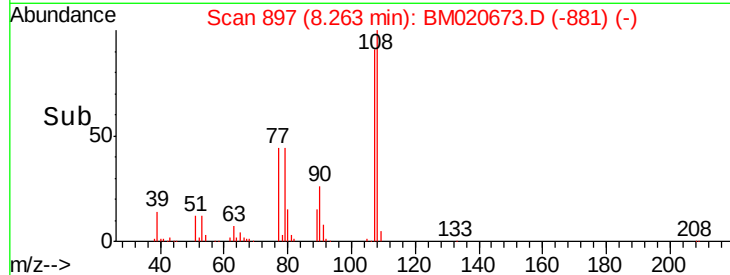
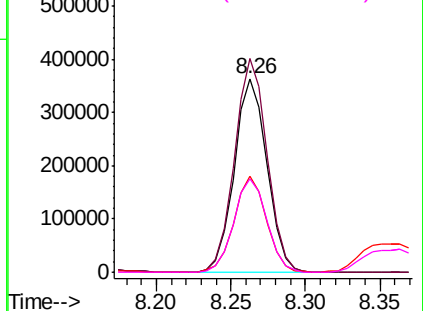
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

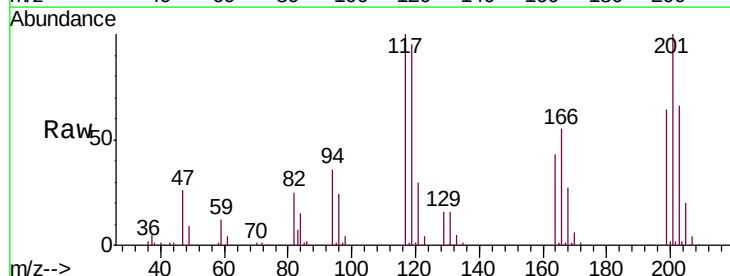
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 28.062 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.7	115.1
201	100.0	77.9	116.9

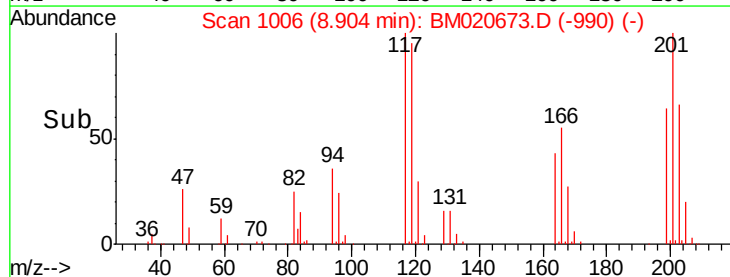
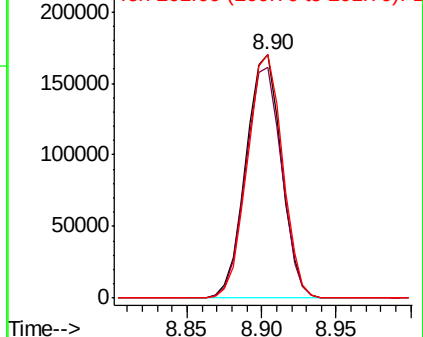


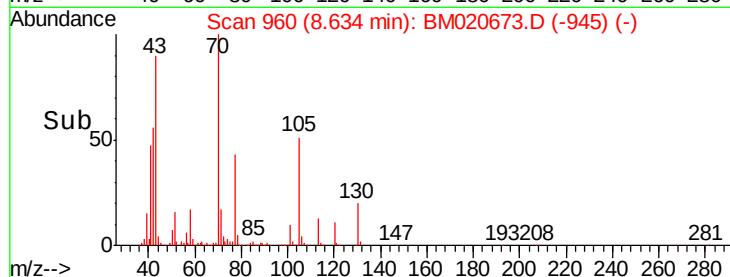
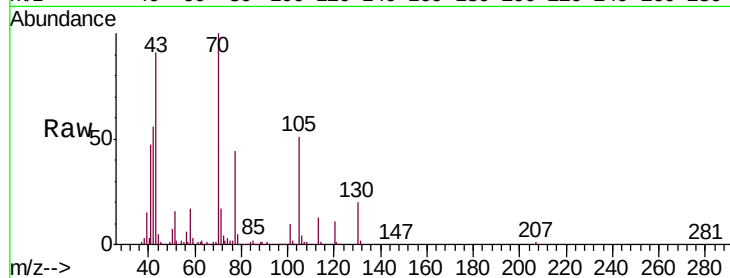
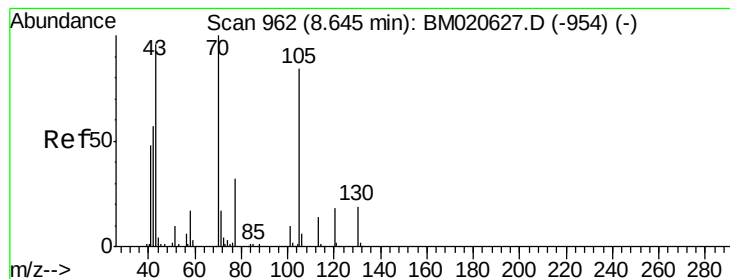
Abundance

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: 24.523 ng

RT: 8.63 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tgt Ion: 70 Resp: 518712

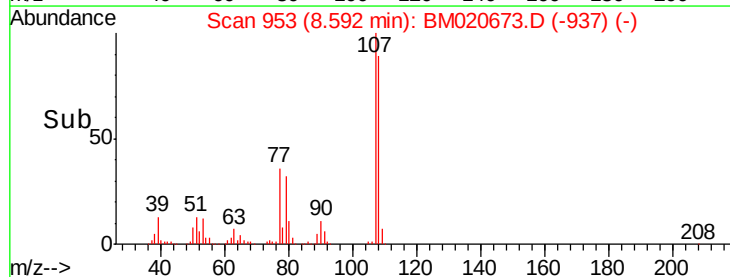
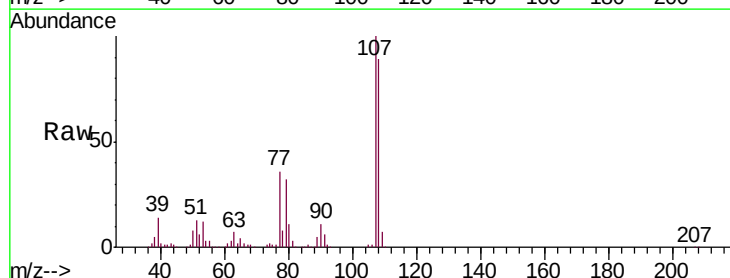
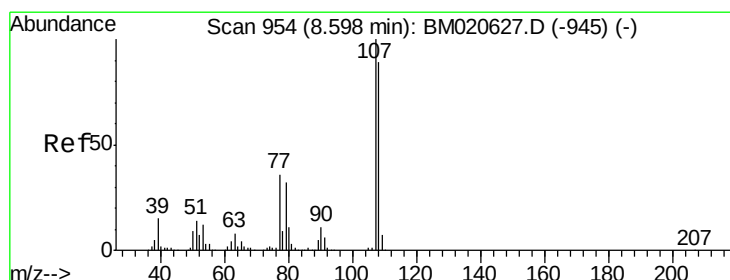
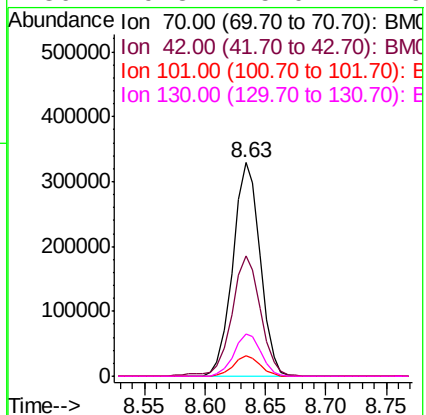
Ion Ratio Lower Upper

70 100

42 56.4 46.8 70.2

101 9.8 7.8 11.6

130 19.8 15.0 22.6



#20

3+4-Methylphenols

Concen: 26.350 ng

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Tgt Ion: 107 Resp: 714877

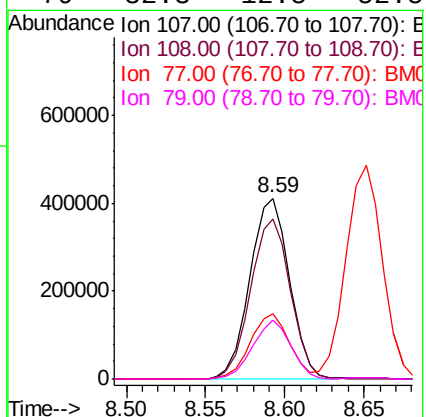
Ion Ratio Lower Upper

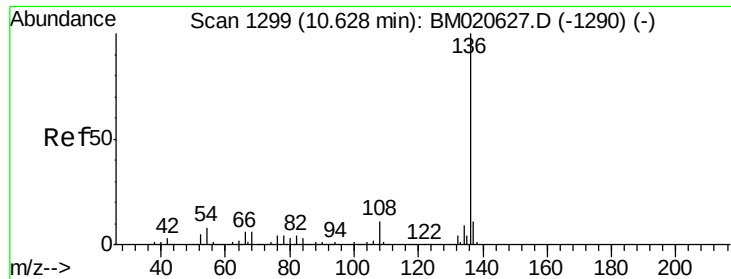
107 100

108 88.6 69.2 109.2

77 36.0 16.2 56.2

79 32.3 12.5 52.5

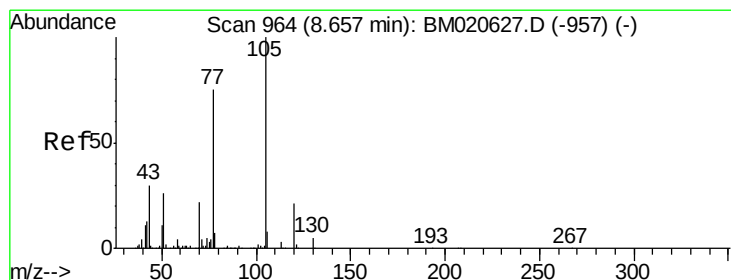
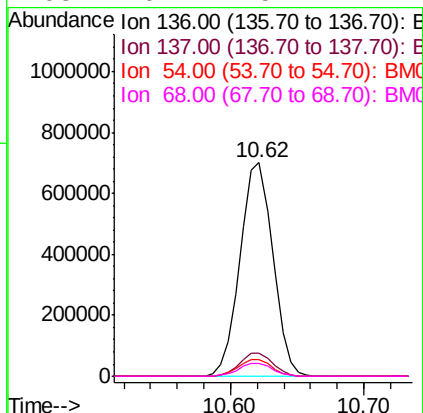
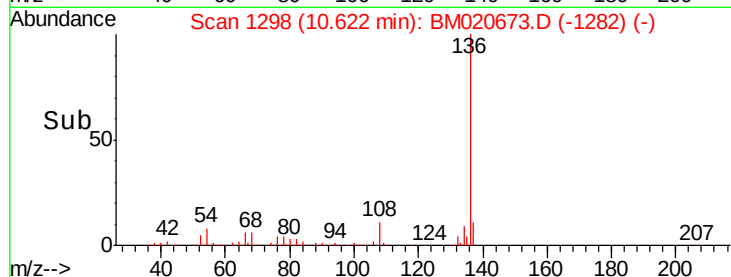
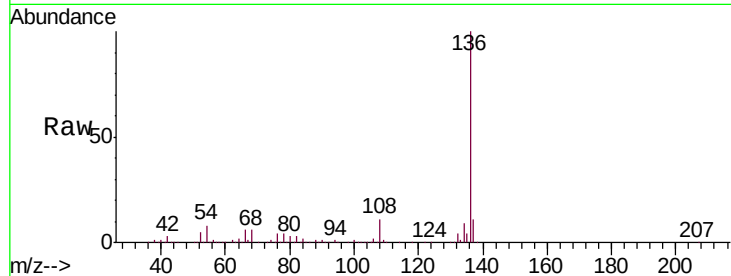




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

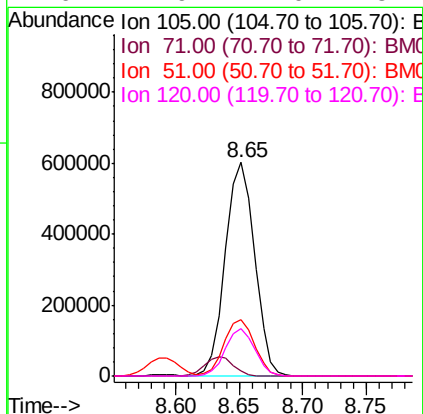
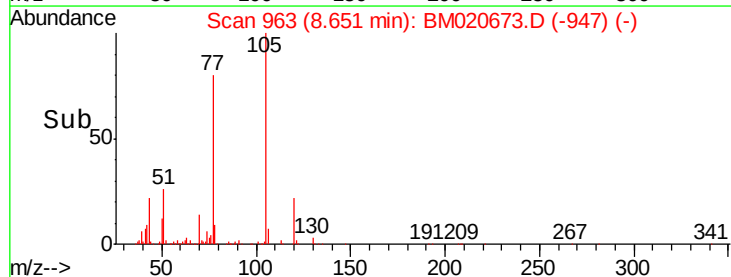
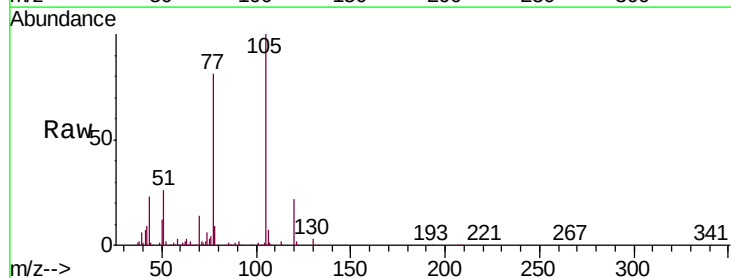
Instrument :
BNA_M
ClientSampleId :
PB120172BS

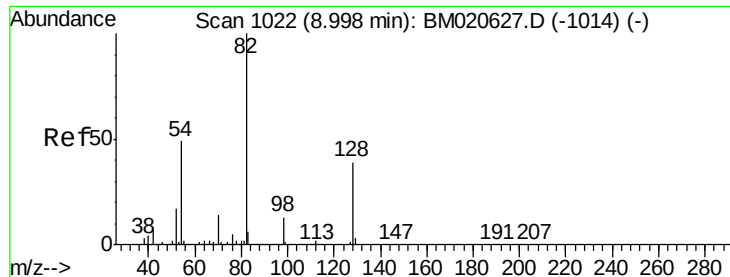
Tgt Ion:136 Resp: 1192979
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.8 6.6 10.0
68 6.1 5.1 7.7



#22
Acetophenone
Concen: 31.782 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

Tgt Ion:105 Resp: 963170
Ion Ratio Lower Upper
105 100
71 2.3 3.2 4.8#
51 26.3 22.8 34.2
120 21.9 17.0 25.4

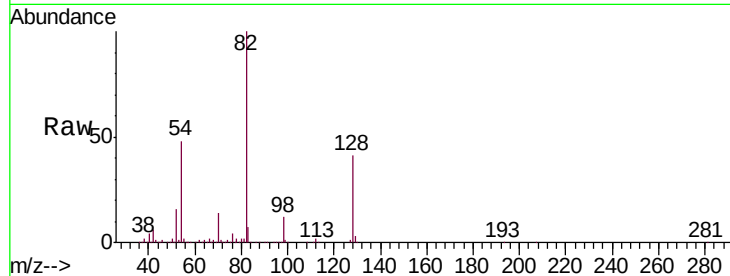




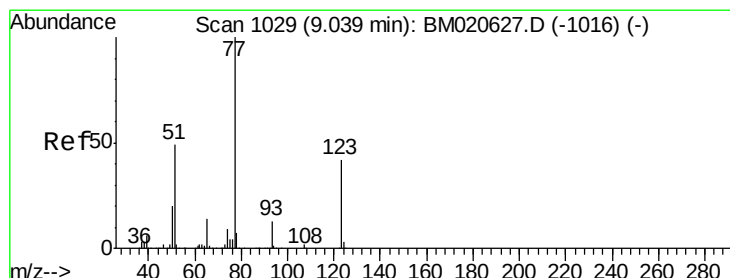
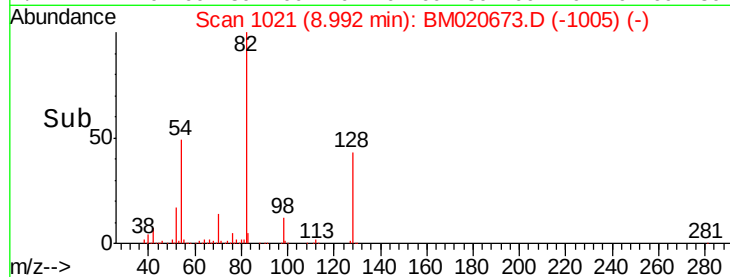
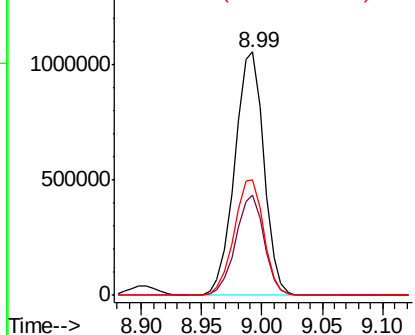
#23
 Nitrobenzene-d5
 Concen: 77.368 ng
 RT: 8.99 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

Tgt Ion: 82 Resp: 1781409
 Ion Ratio Lower Upper
 82 100
 128 41.1 31.5 47.3
 54 47.6 39.4 59.0

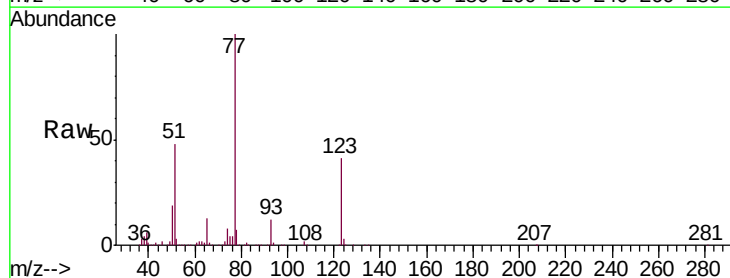


Abundance Ion 82.00 (81.70 to 82.70): BM0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BM0

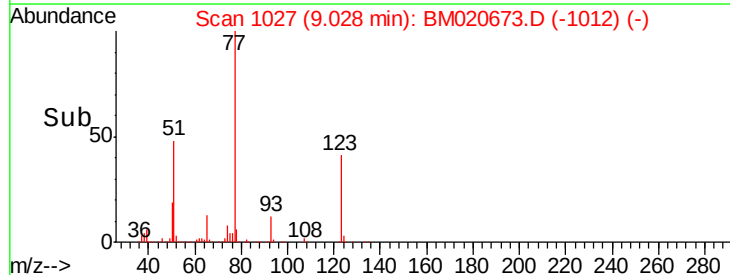
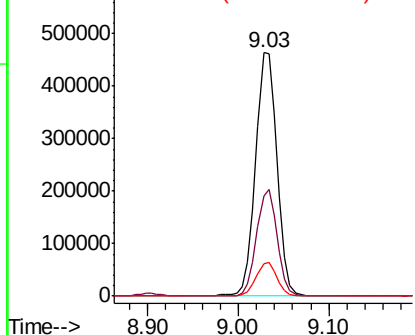


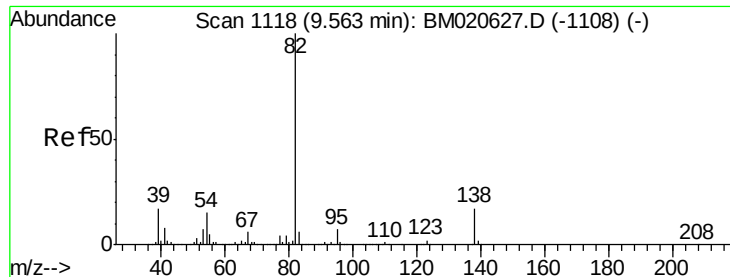
#24
 Nitrobenzene
 Concen: 32.270 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

Tgt Ion: 77 Resp: 758538
 Ion Ratio Lower Upper
 77 100
 123 41.3 33.7 50.5
 65 13.3 11.0 16.6



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





#25

Isophorone

Concen: 28.782 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

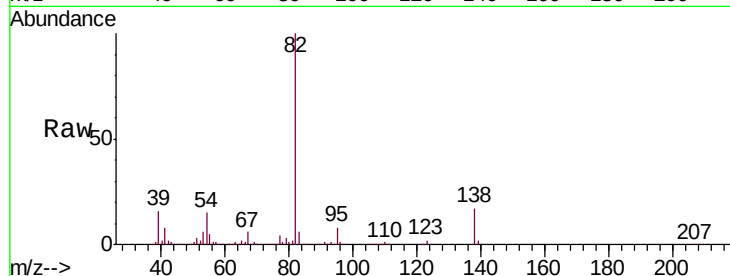
Tgt Ion: 82 Resp: 1318265

Ion Ratio Lower Upper

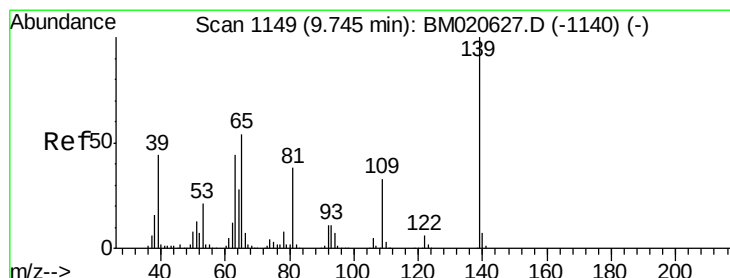
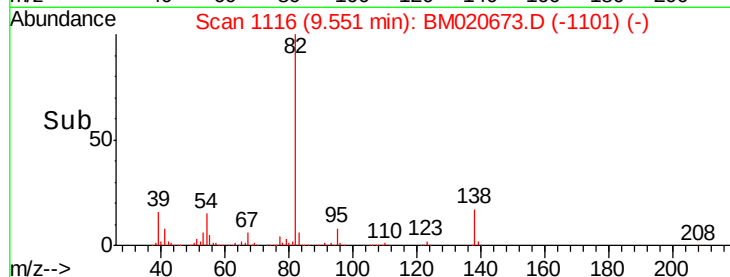
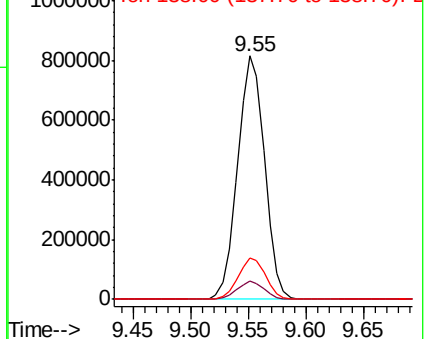
82 100

95 7.5 5.8 8.8

138 17.1 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 34.681 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

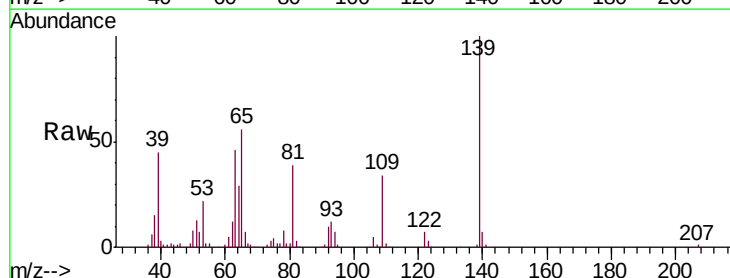
Tgt Ion: 139 Resp: 303818

Ion Ratio Lower Upper

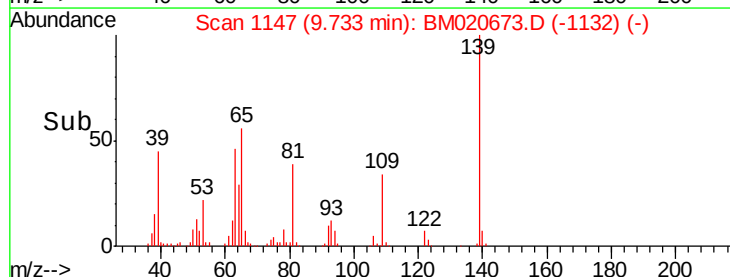
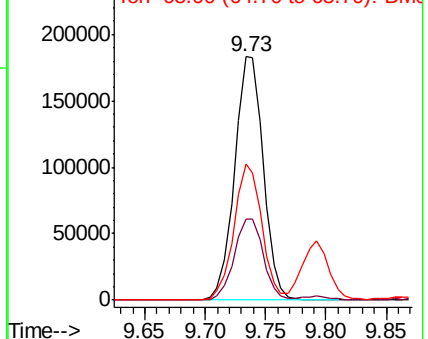
139 100

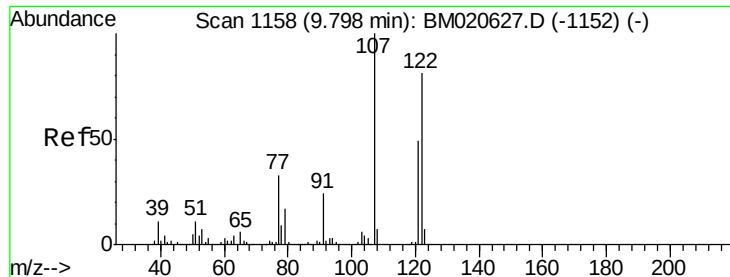
109 33.5 26.1 39.1

65 55.6 43.4 65.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0

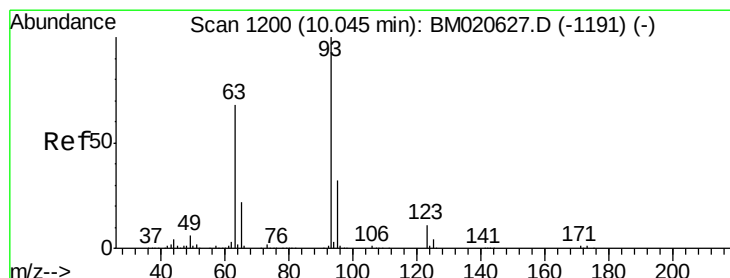
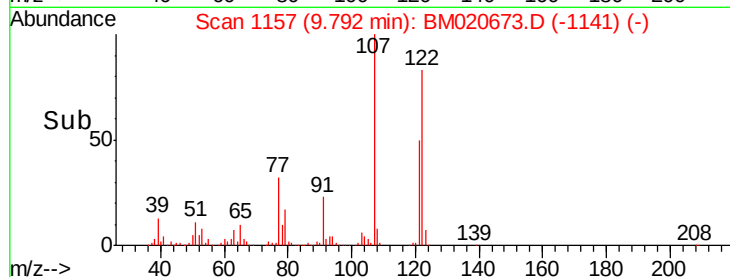
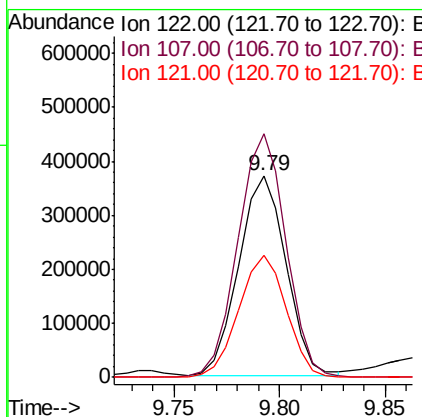
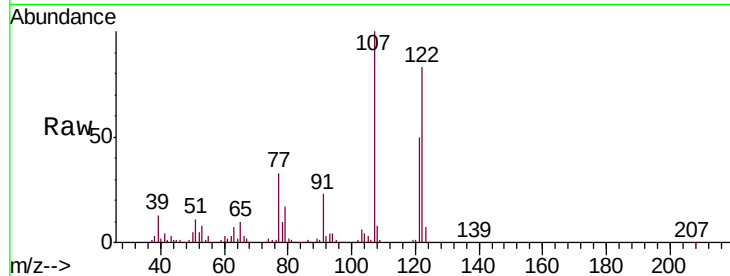




#27
 2,4-Dimethylphenol
 Concen: 35.154 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

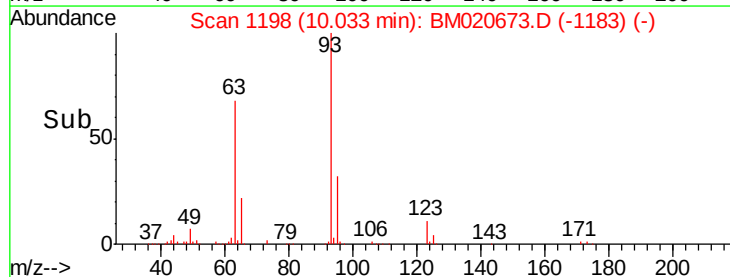
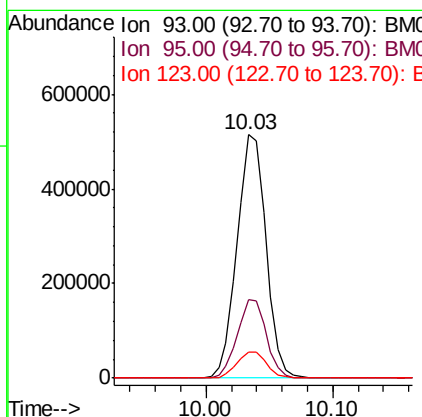
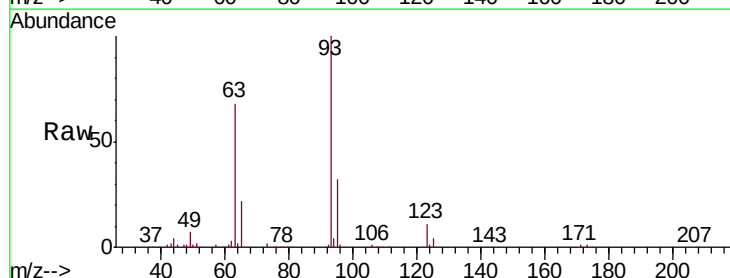
Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

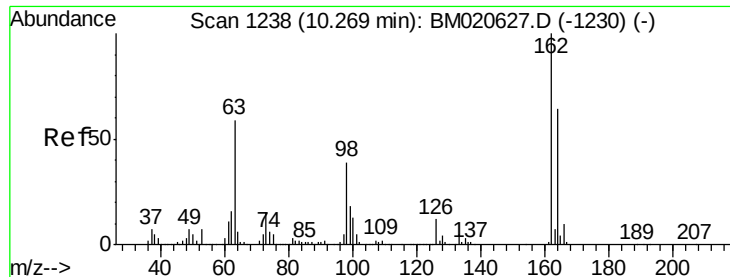
Tgt Ion: 122 Resp: 577077
 Ion Ratio Lower Upper
 122 100
 107 120.7 98.0 147.0
 121 60.3 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.423 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

Tgt Ion: 93 Resp: 814808
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.8 38.6
 123 10.8 9.0 13.6

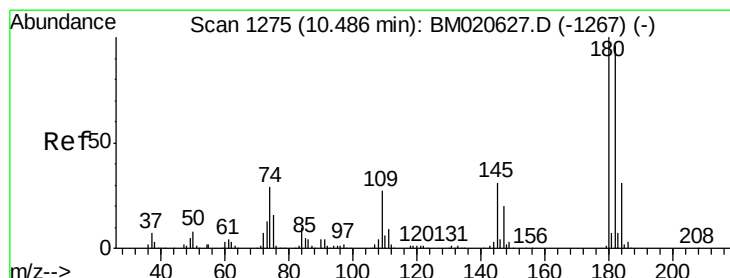
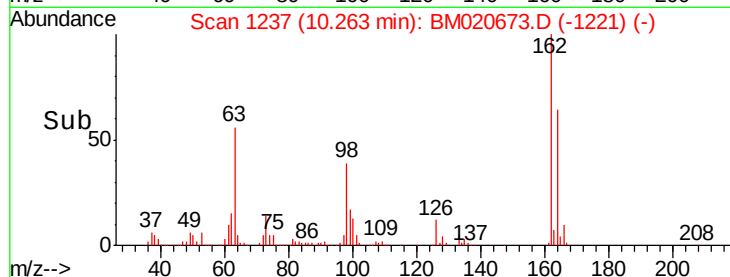
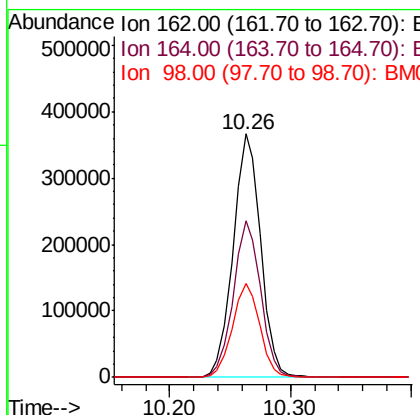
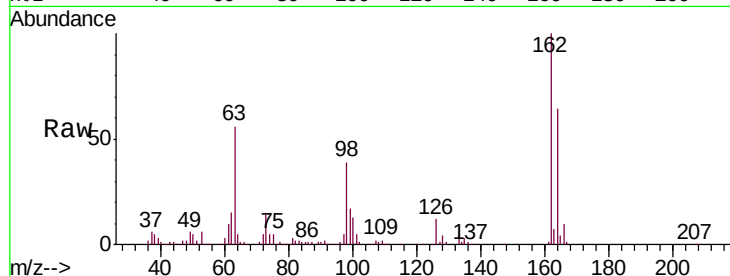




#29
 2,4-Dichlorophenol
 Concen: 31.984 ng
 RT: 10.26 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

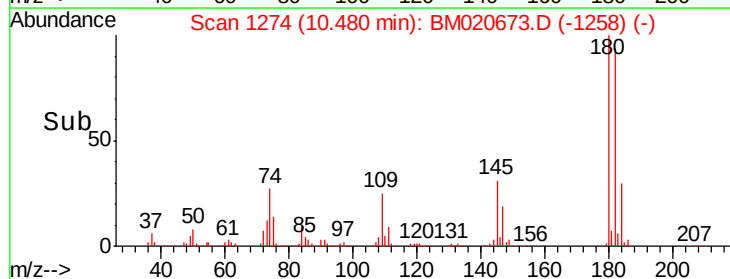
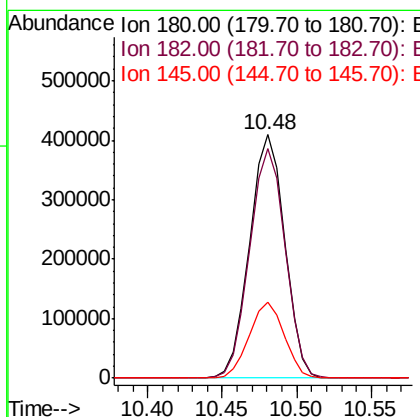
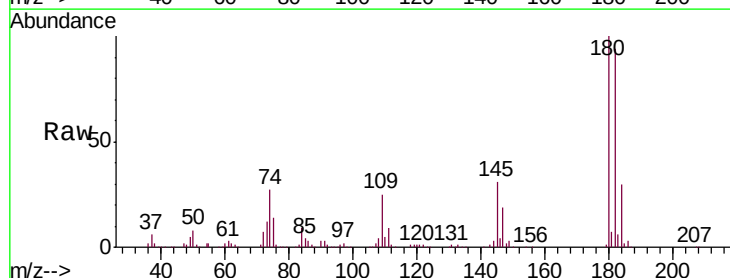
Instrument :
 BNA_M
 ClientSampleID :
 PB120172BS

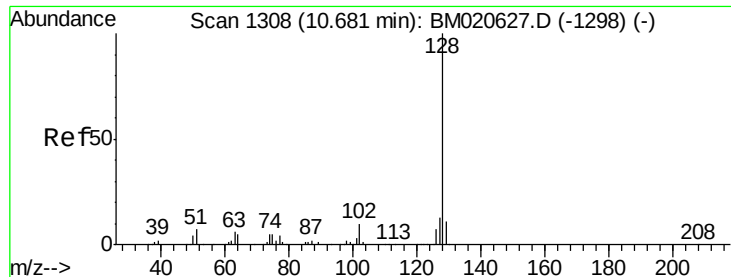
Tgt Ion:	162	Resp:	580887
Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.8	83.8
98	38.5	19.1	59.1



#30
 1,2,4-Trichlorobenzene
 Concen: 31.835 ng
 RT: 10.48 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

Tgt Ion:	180	Resp:	664826
Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.0	115.6
145	30.9	25.0	37.4

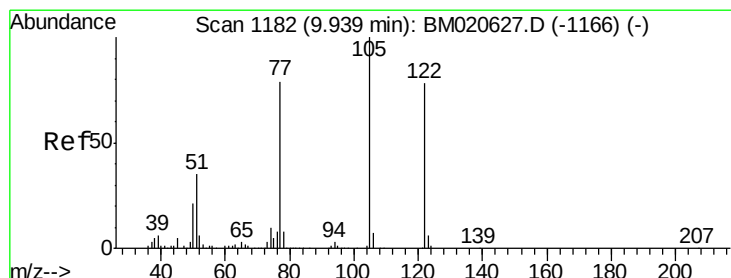
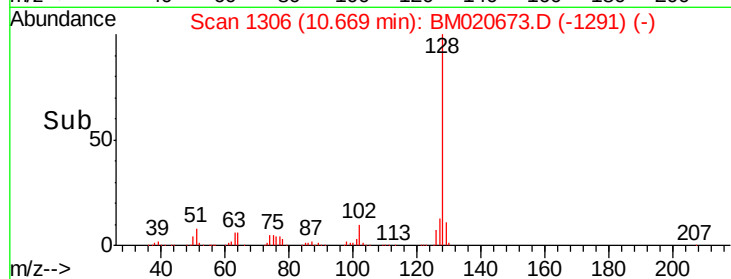
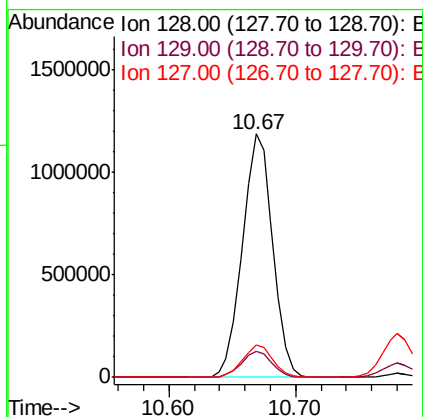
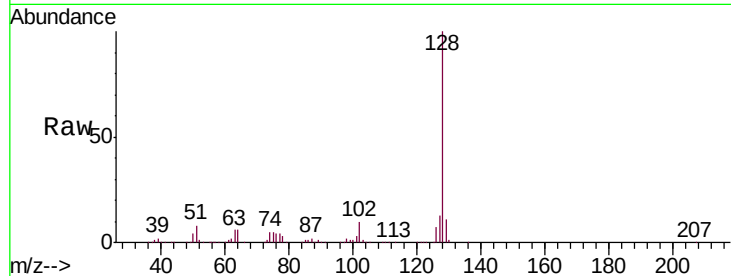




#31
Naphthalene
Concen: 31.987 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

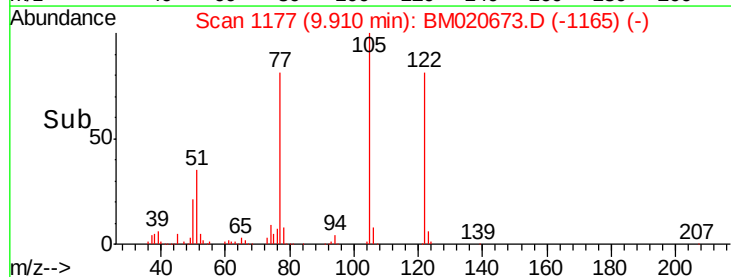
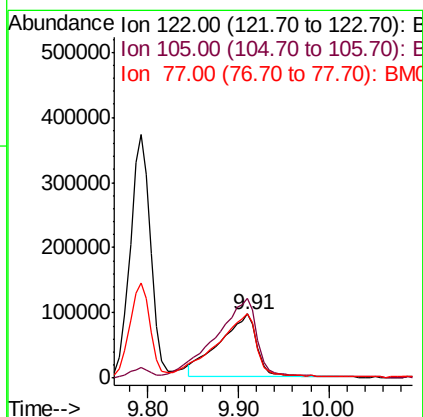
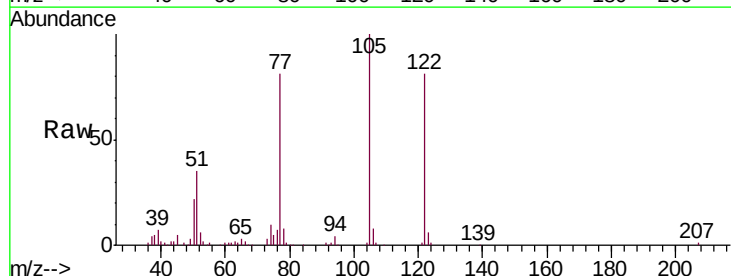
Instrument :
BNA_M
ClientSampleId :
PB120172BS

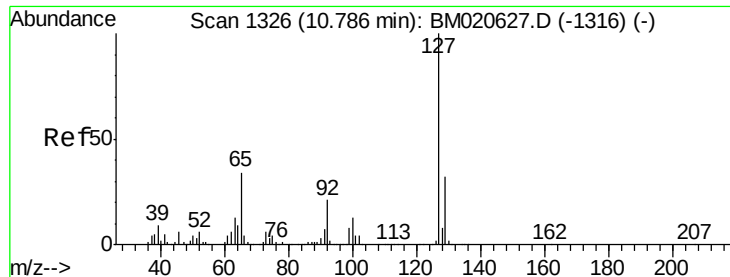
Tgt Ion:128 Resp: 1962317
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.3 15.5



#32
Benzoic acid
Concen: 29.351 ng
RT: 9.91 min Scan# 1177
Delta R.T. -0.03 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

Tgt Ion:122 Resp: 280191
Ion Ratio Lower Upper
122 100
105 124.0 107.0 147.0
77 100.6 80.9 120.9

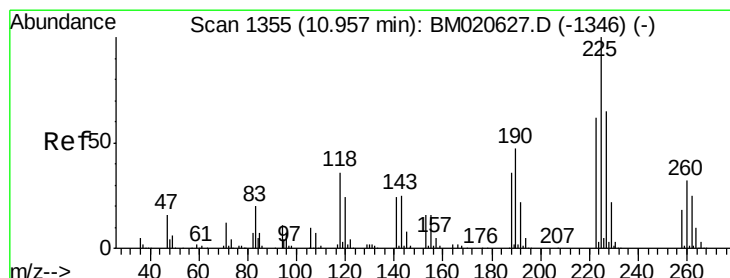
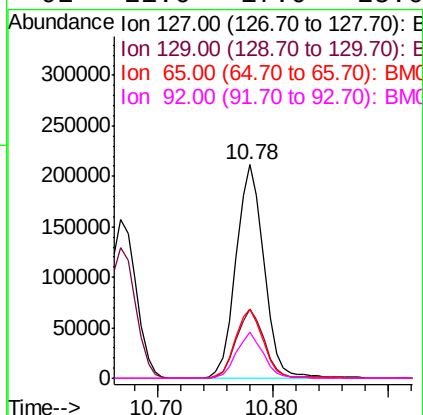
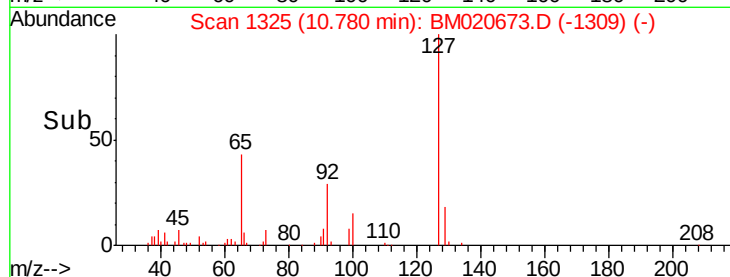
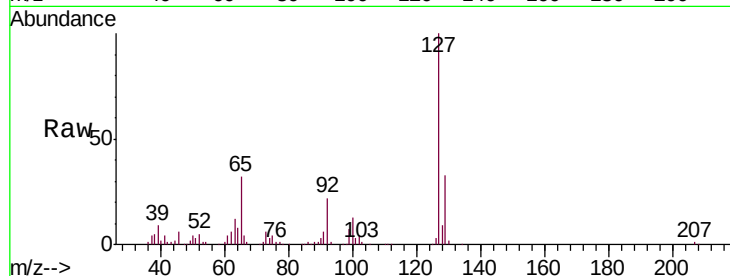




#33
4-Chloroaniline
Concen: 12.479 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

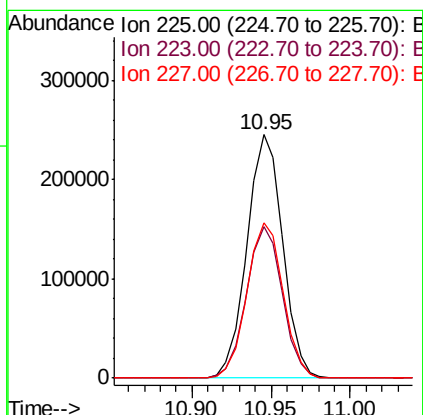
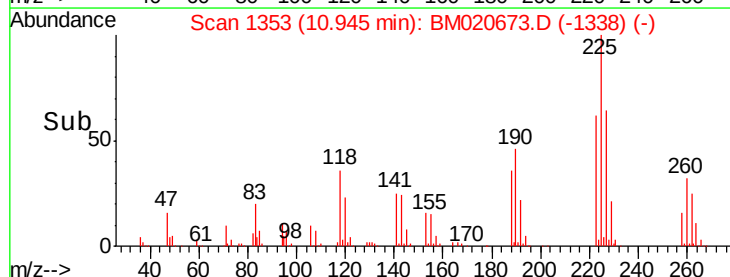
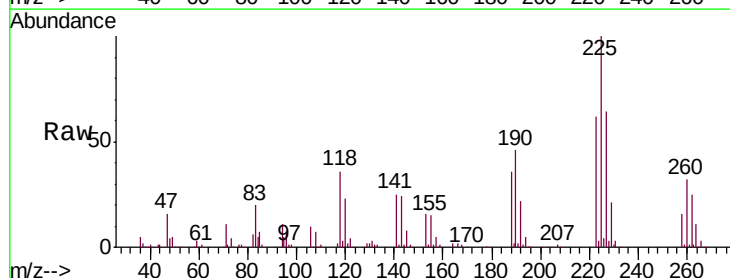
Instrument :
BNA_M
ClientSampleId :
PB120172BS

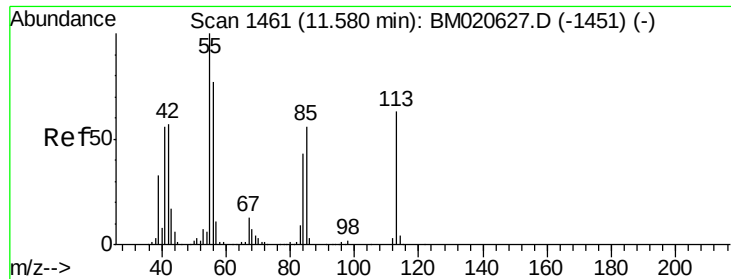
Tgt Ion:	127	Resp:	356269
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.7	38.5
65	32.4	27.4	41.0
92	21.6	17.0	25.6



#34
Hexachlorobutadiene
Concen: 30.774 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

Tgt Ion:	225	Resp:	385609
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.7	74.5
227	63.6	51.8	77.8





#35

Caprolactam

Concen: 24.103 ng

RT: 11.56 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

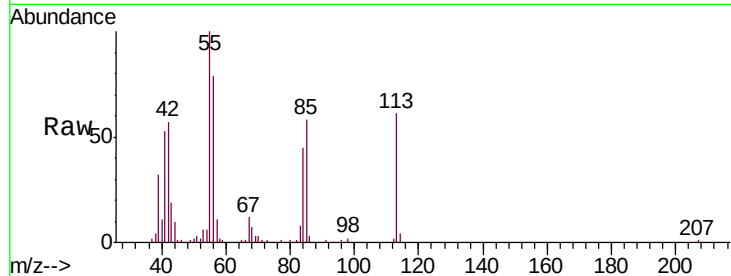
Tgt Ion:113 Resp: 152080

Ion Ratio Lower Upper

113 100

55 164.8 138.6 178.6

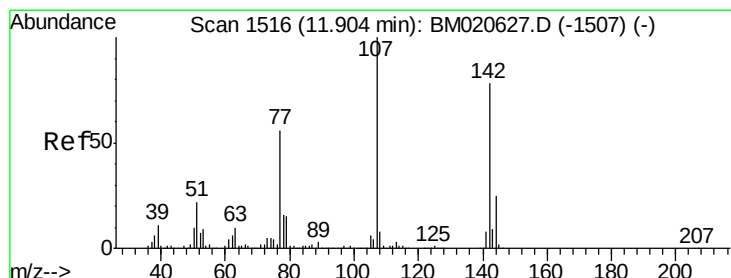
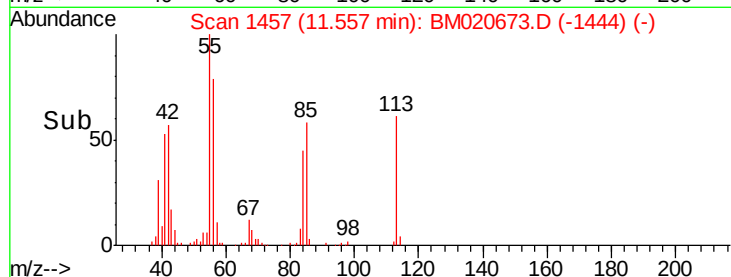
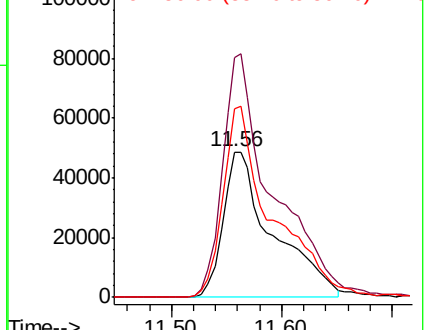
56 129.6 102.3 142.3



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: 27.834 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

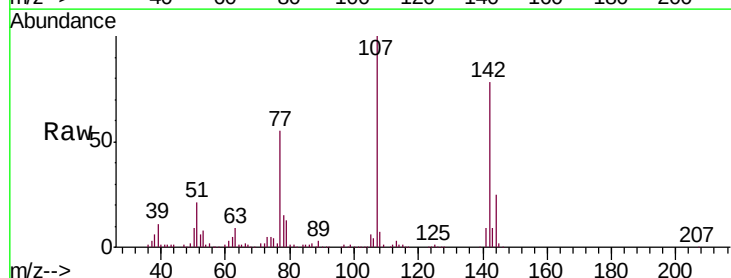
Tgt Ion:107 Resp: 587741

Ion Ratio Lower Upper

107 100

144 24.8 20.3 30.5

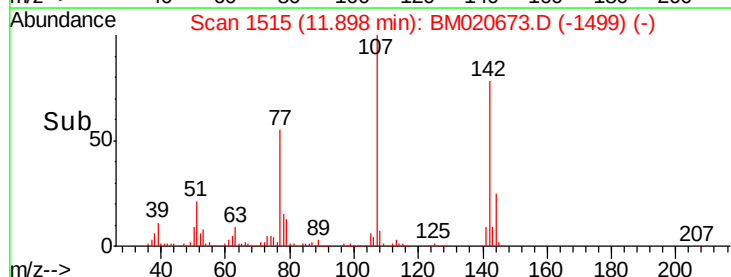
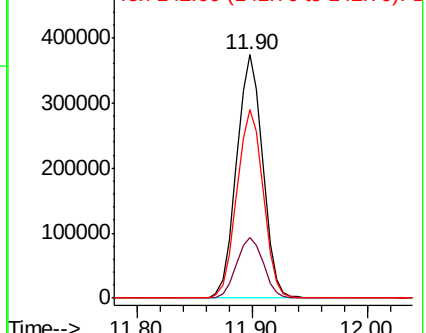
142 77.6 62.6 93.8

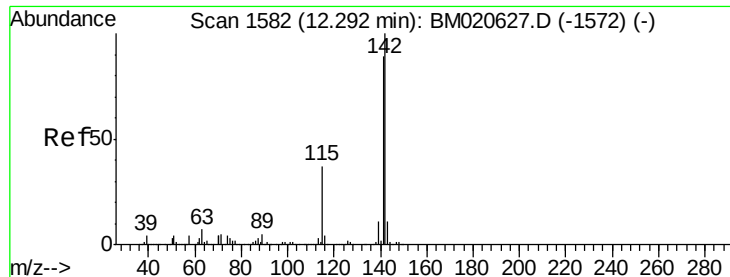


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

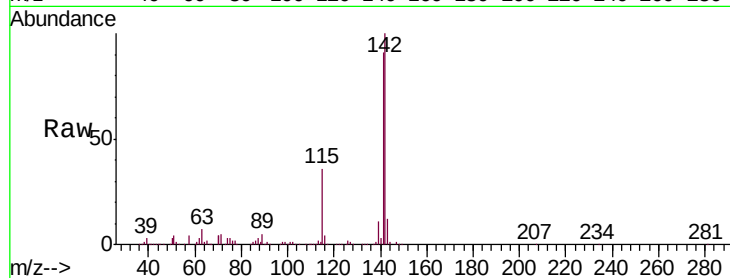




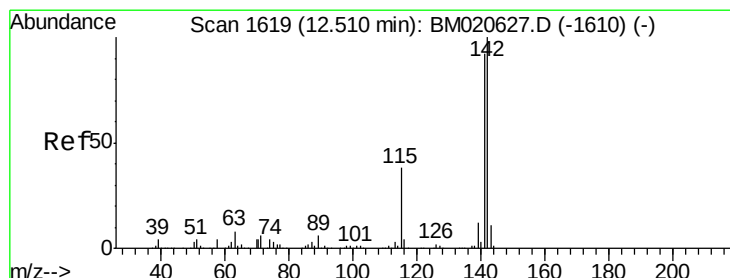
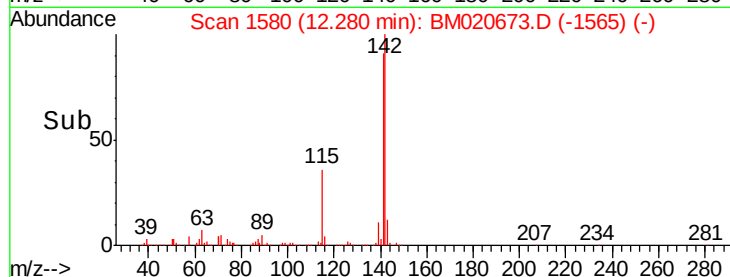
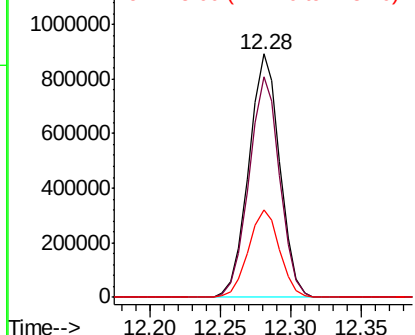
#37
2-Methylnaphthalene
Concen: 30.233 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tgt Ion:142 Resp: 1374737
Ion Ratio Lower Upper
142 100
141 90.6 71.6 107.4
115 35.7 29.6 44.4

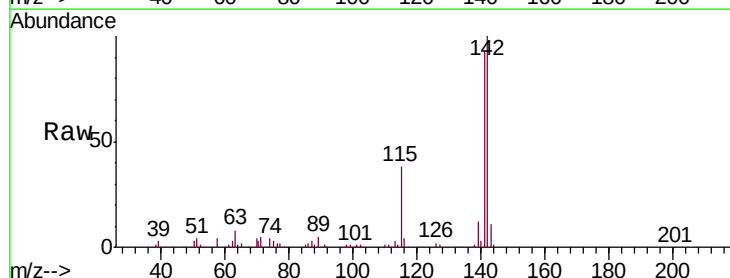


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

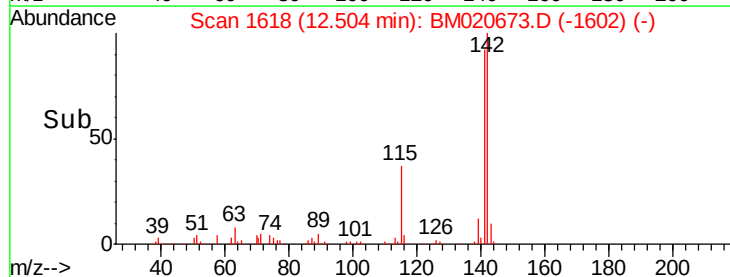
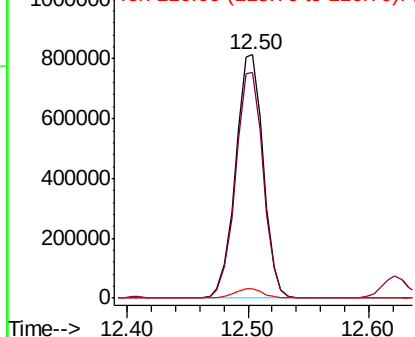


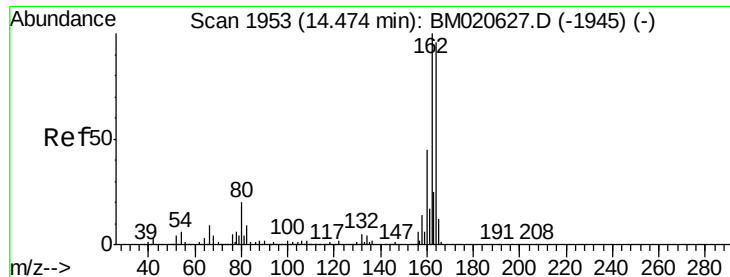
#38
1-Methylnaphthalene
Concen: 29.909 ng
RT: 12.50 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

Tgt Ion:142 Resp: 1294990
Ion Ratio Lower Upper
142 100
141 92.6 73.9 110.9
116 3.8 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: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

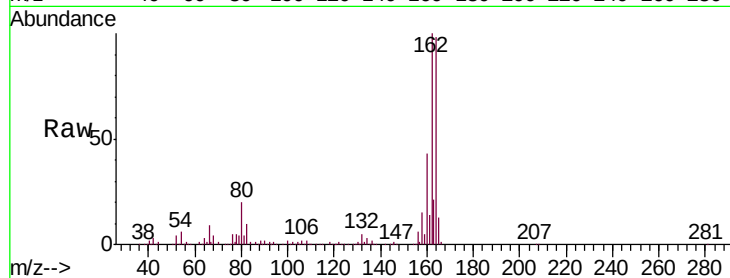
Tgt Ion:164 Resp: 573019

Ion Ratio Lower Upper

164 100

162 102.3 83.2 124.8

160 44.4 37.5 56.3

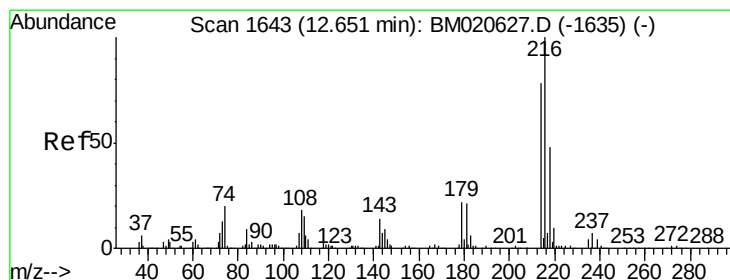
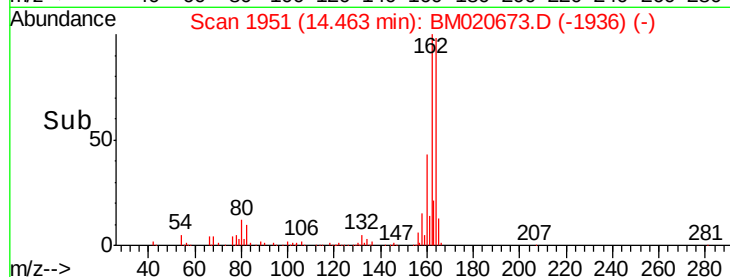
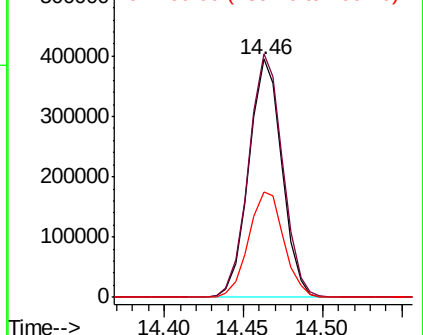


Abundance

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: 36.145 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Tgt Ion:216 Resp: 678751

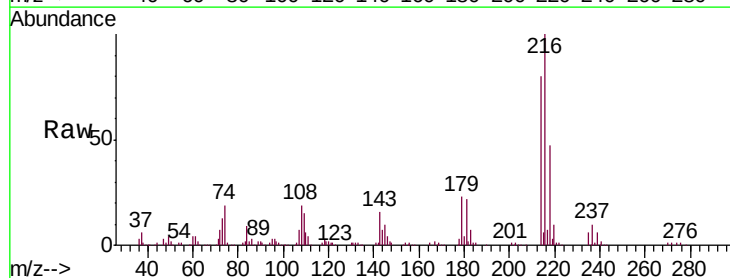
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 22.0 17.9 26.9

108 22.2 16.2 24.2



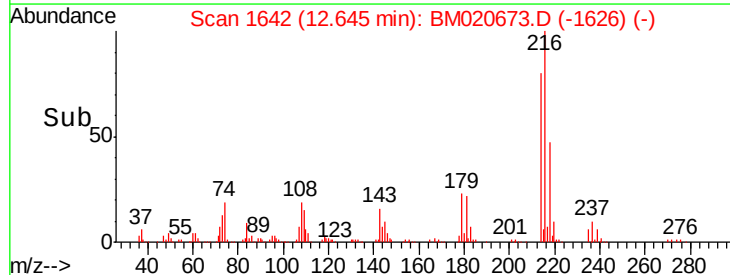
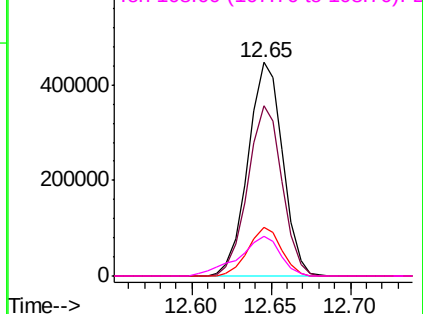
Abundance

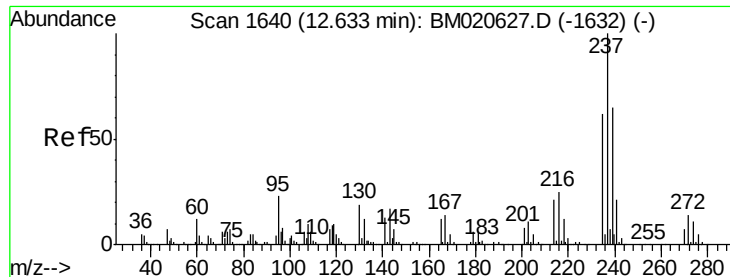
Ion 216.00 (215.70 to 216.70): E

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

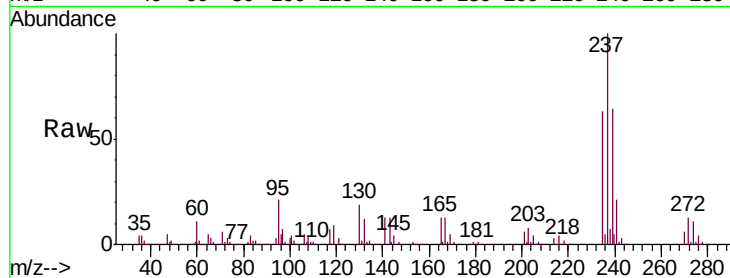




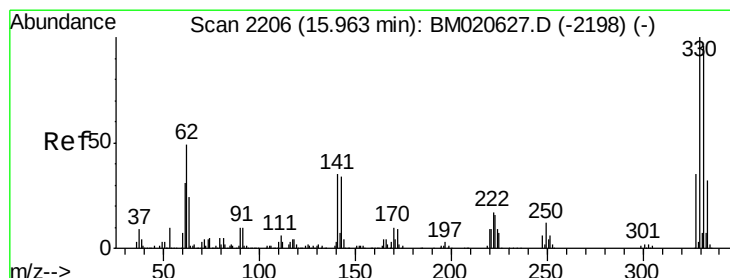
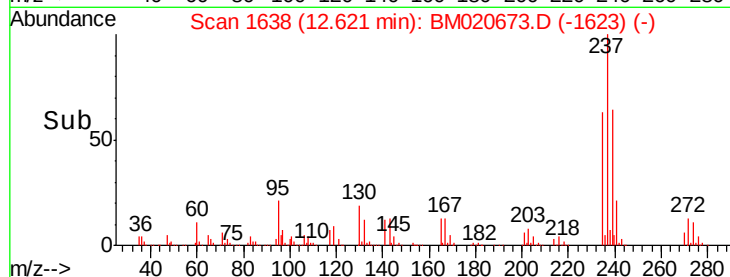
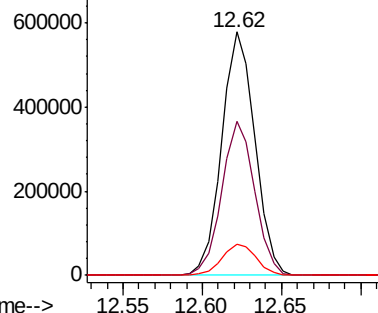
#41
Hexachlorocyclopentadiene
Concen: 75.012 ng
RT: 12.62 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tgt Ion: 237 Resp: 842447
Ion Ratio Lower Upper
237 100
235 63.1 42.1 82.1
272 13.0 0.0 33.5

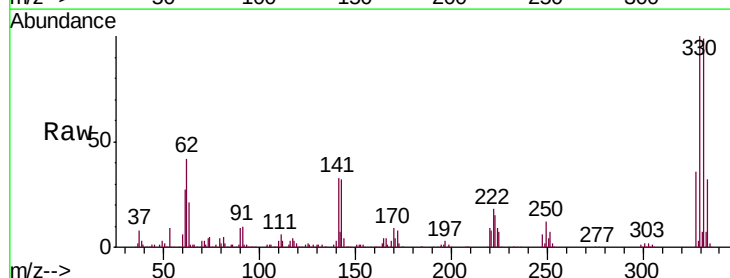


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

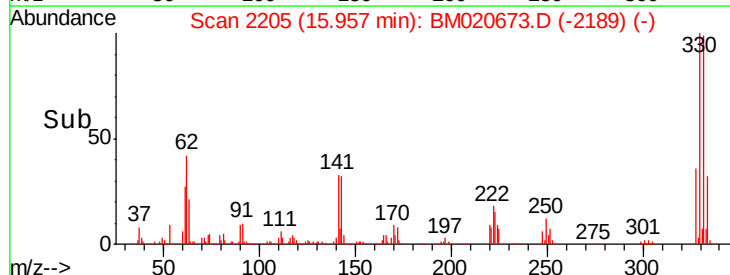
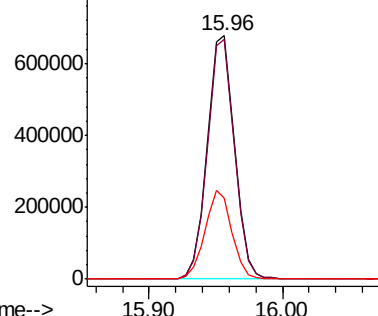


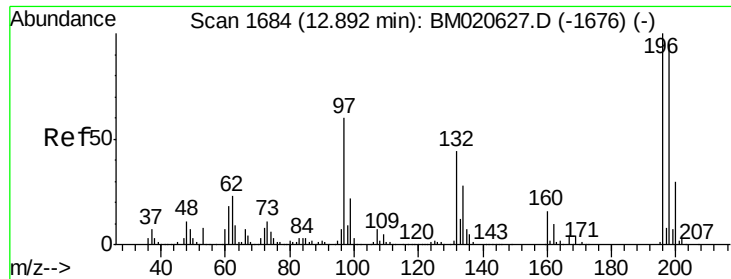
#42
2,4,6-Tribromophenol
Concen: 136.176 ng
RT: 15.96 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

Tgt Ion: 330 Resp: 966802
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 36.0 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

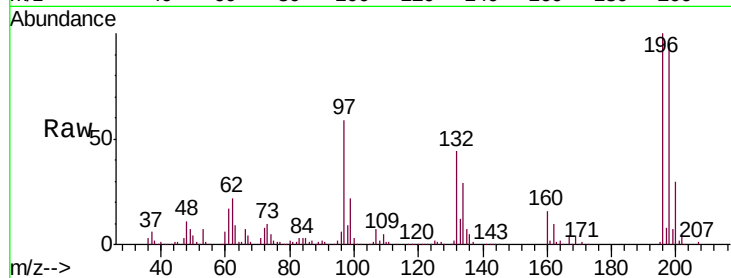




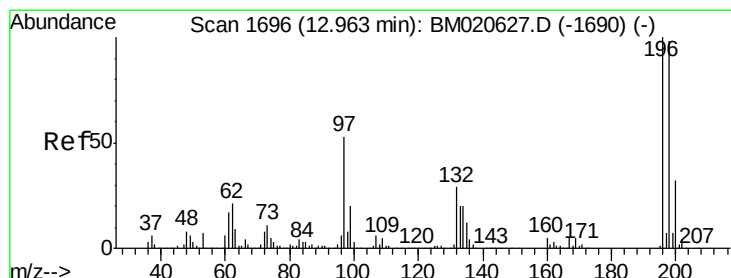
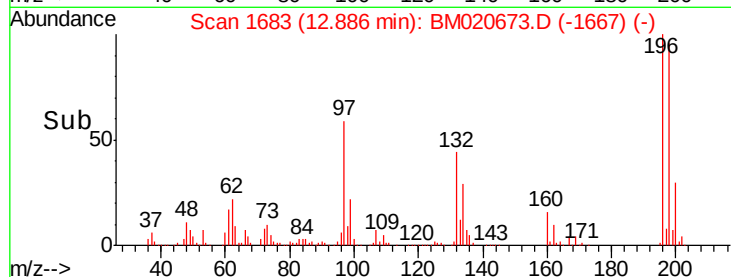
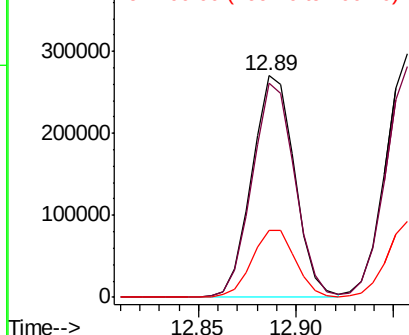
#43
 2,4,6-Trichlorophenol
 Concen: 34.004 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

Tgt Ion:196 Resp: 411013
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 200 30.3 23.9 35.9

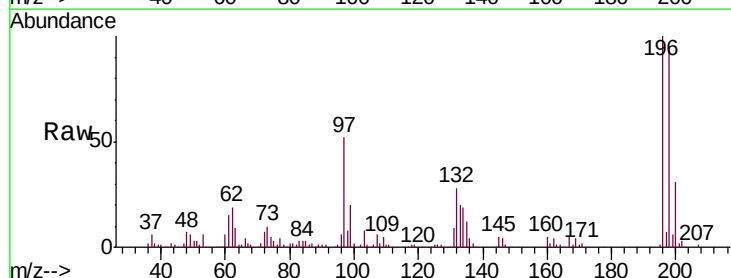


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

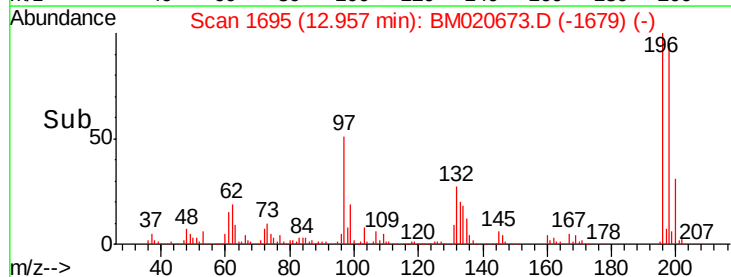
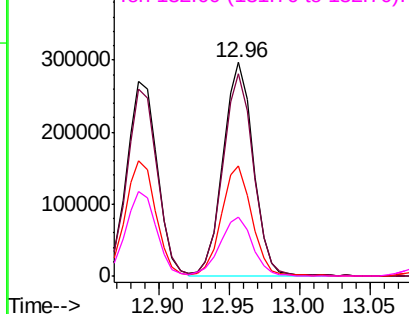


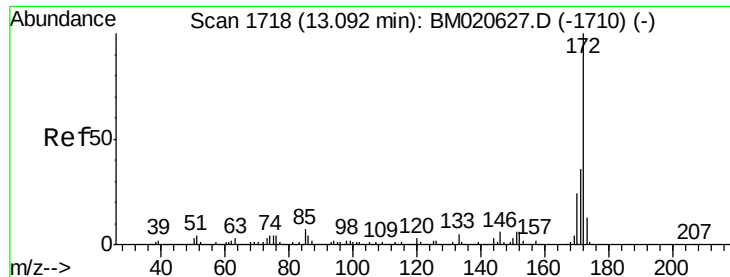
#44
 2,4,5-Trichlorophenol
 Concen: 35.220 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

Tgt Ion:196 Resp: 439505
 Ion Ratio Lower Upper
 196 100
 198 94.9 78.6 117.8
 97 51.6 42.7 64.1
 132 27.6 23.4 35.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

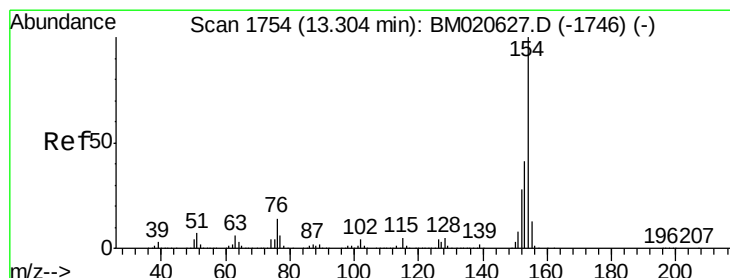
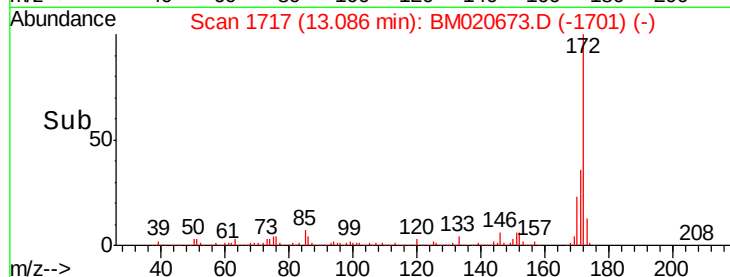
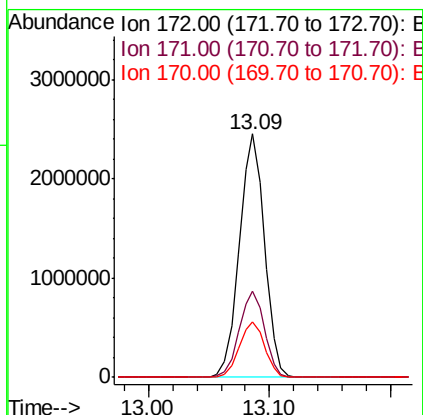
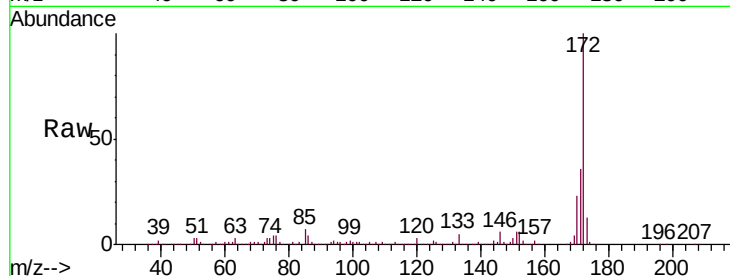




#45
2-Fluorobiphenyl
Concen: 82.328 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

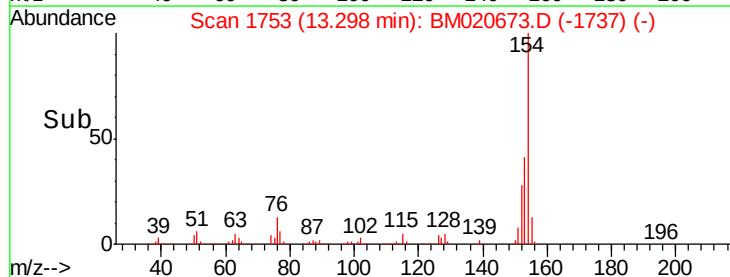
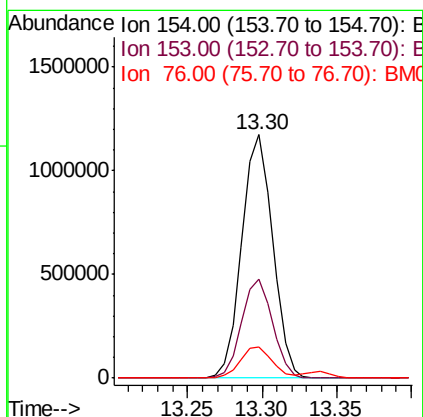
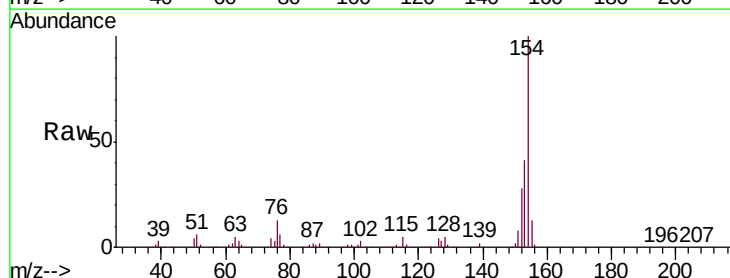
Instrument :
BNA_M
ClientSampleId :
PB120172BS

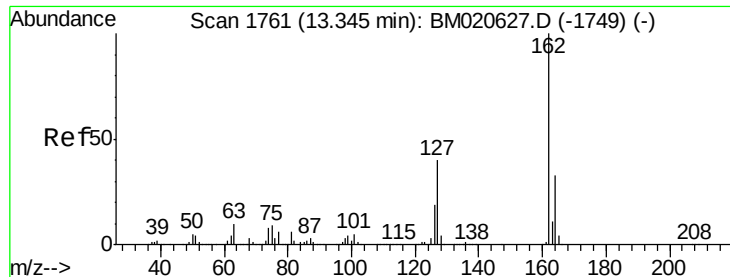
Tgt Ion:172 Resp: 3548510
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.0 18.9 28.3



#46
1,1'-Biphenyl
Concen: 35.303 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

Tgt Ion:154 Resp: 1689463
Ion Ratio Lower Upper
154 100
153 40.5 20.7 60.7
76 12.9 0.0 34.0

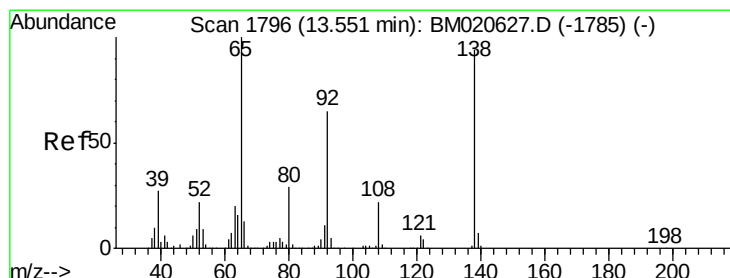
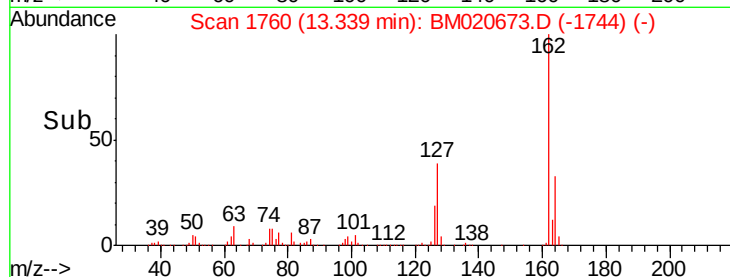
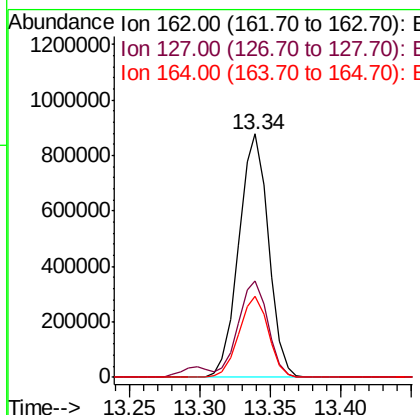
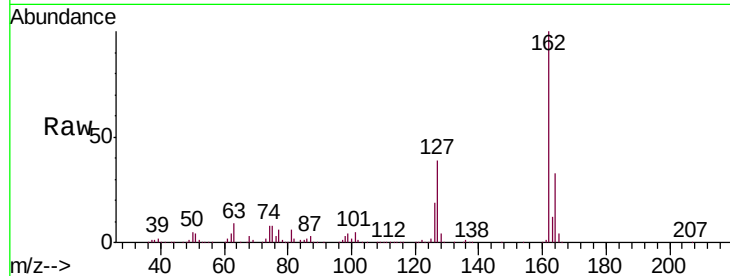




#47
 2-Chloronaphthalene
 Concen: 33.400 ng
 RT: 13.34 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

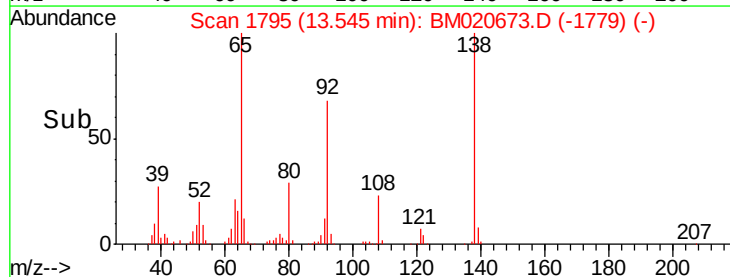
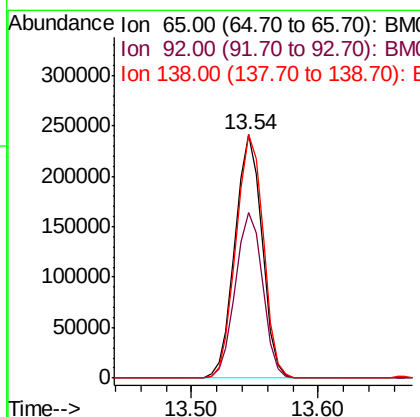
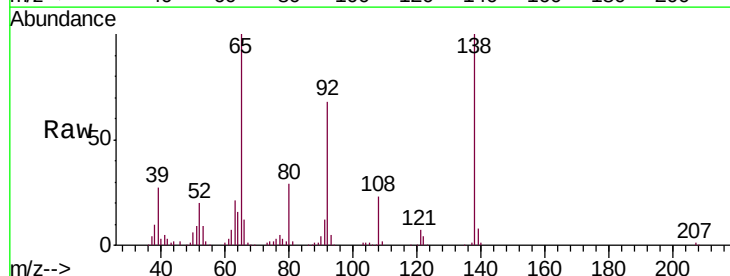
Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

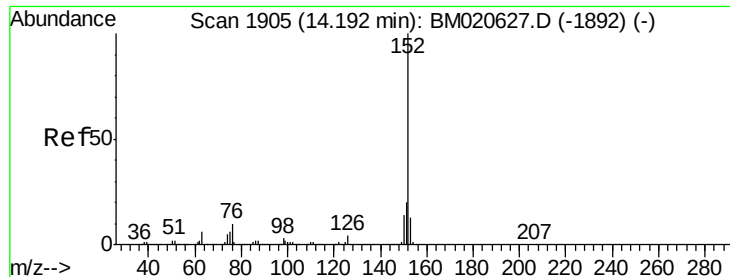
Tgt Ion: 162 Resp: 1290083
 Ion Ratio Lower Upper
 162 100
 127 39.4 32.1 48.1
 164 33.1 26.6 39.8



#48
 2-Nitroaniline
 Concen: 29.369 ng
 RT: 13.54 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

Tgt Ion: 65 Resp: 356041
 Ion Ratio Lower Upper
 65 100
 92 67.8 52.2 78.4
 138 100.1 75.4 113.0





#49

Acenaphthylene

Concen: 32.916 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

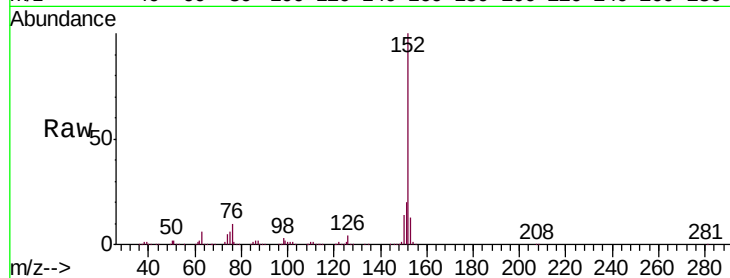
Tgt Ion:152 Resp: 1983735

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

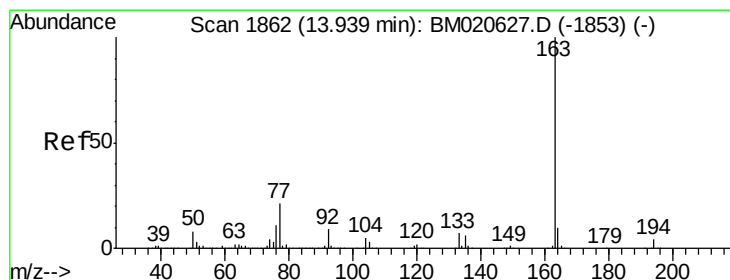
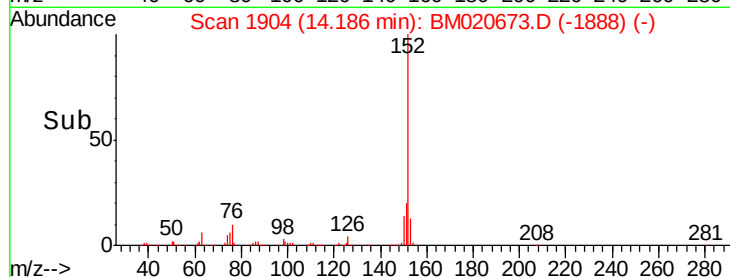
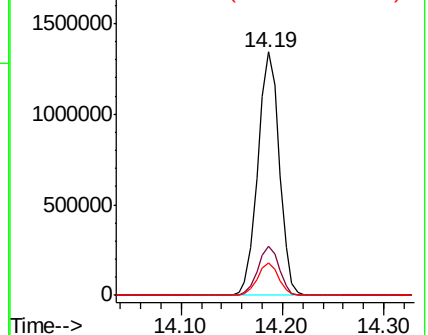
153 13.5 10.6 15.8



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: 29.927 ng

RT: 13.93 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

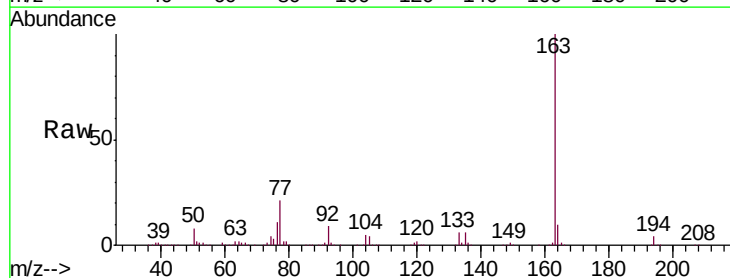
Tgt Ion:163 Resp: 1465101

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

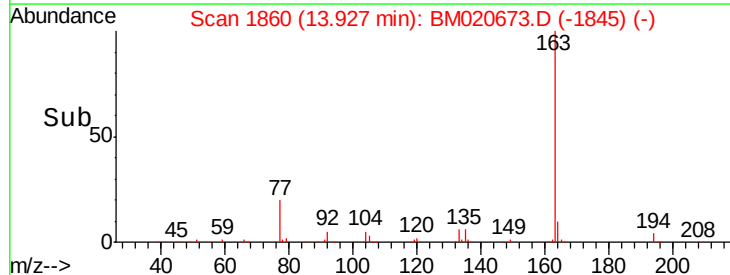
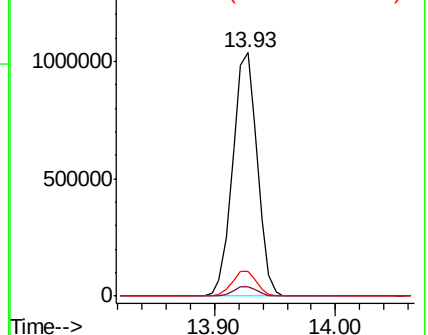
164 10.0 7.9 11.9

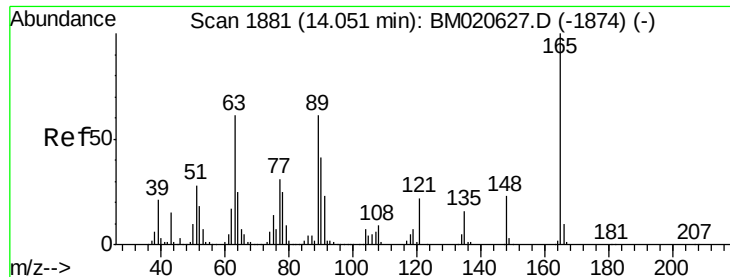


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

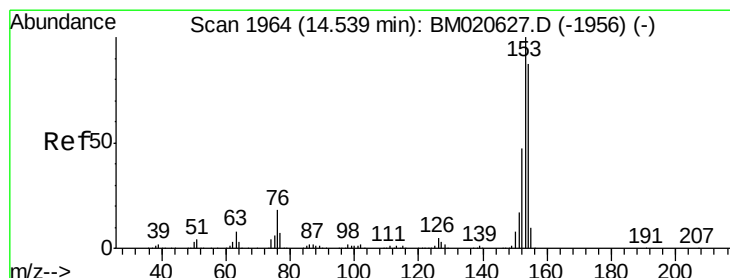
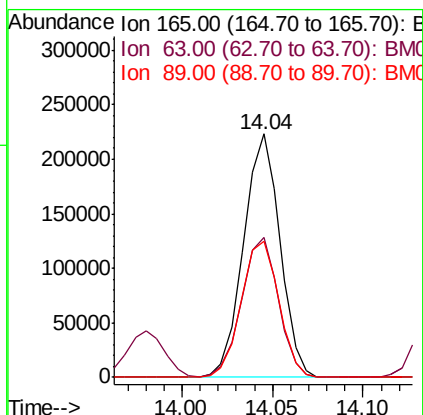
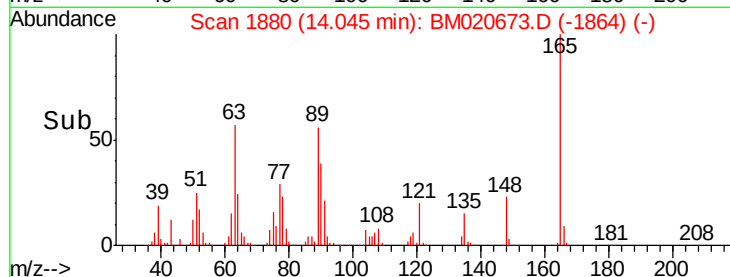
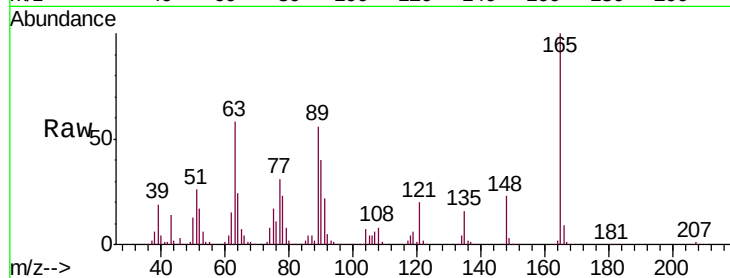




#51
 2,6-Dinitrotoluene
 Concen: 31.369 ng
 RT: 14.04 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

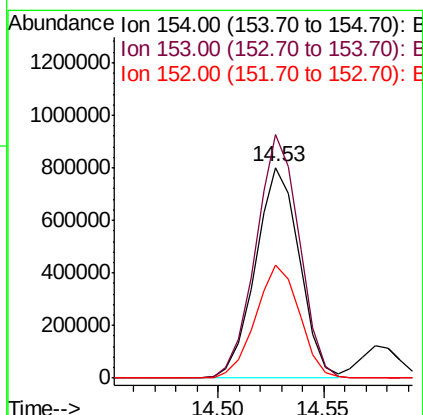
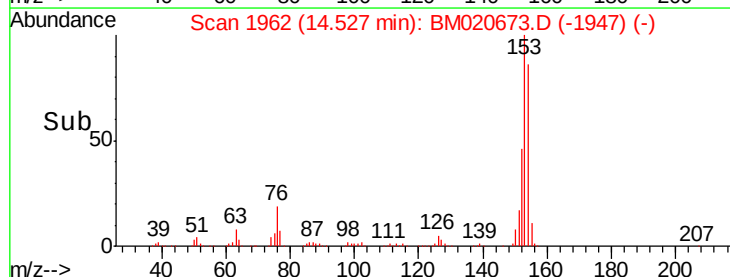
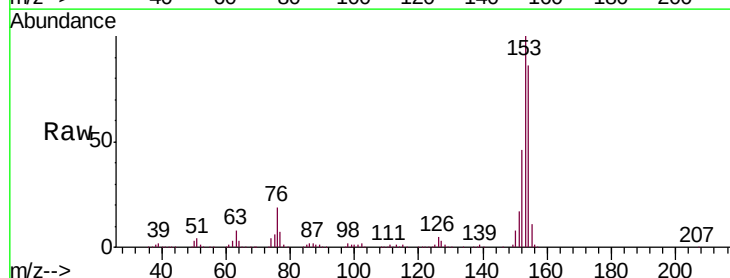
Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

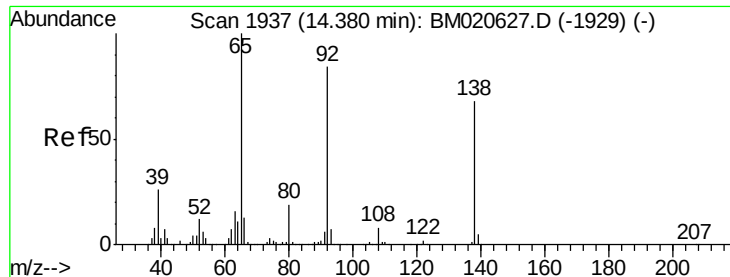
Tgt Ion:165 Resp: 311822
 Ion Ratio Lower Upper
 165 100
 63 57.5 50.4 75.6
 89 56.1 49.1 73.7



#52
 Acenaphthene
 Concen: 32.331 ng
 RT: 14.53 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

Tgt Ion:154 Resp: 1161169
 Ion Ratio Lower Upper
 154 100
 153 115.7 92.4 138.6
 152 53.6 43.4 65.0





#53

3-Nitroaniline

Concen: 17.384 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

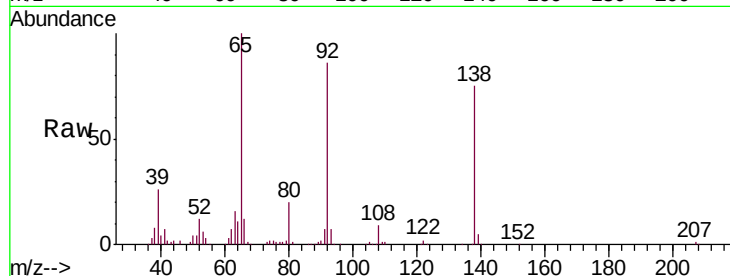
Tgt Ion:138 Resp: 192877

Ion Ratio Lower Upper

138 100

108 11.7 9.5 14.3

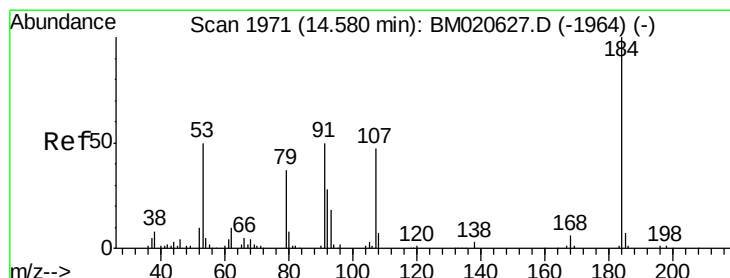
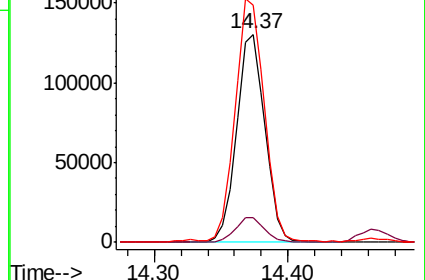
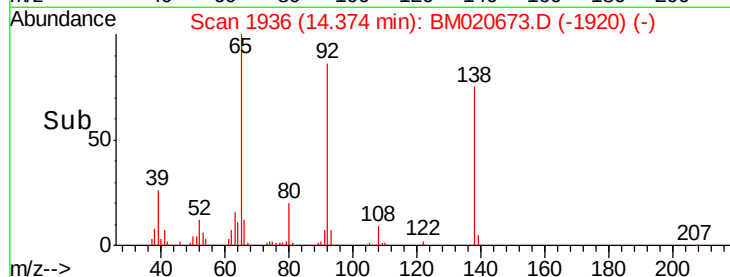
92 114.2 99.6 149.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 58.819 ng

RT: 14.57 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

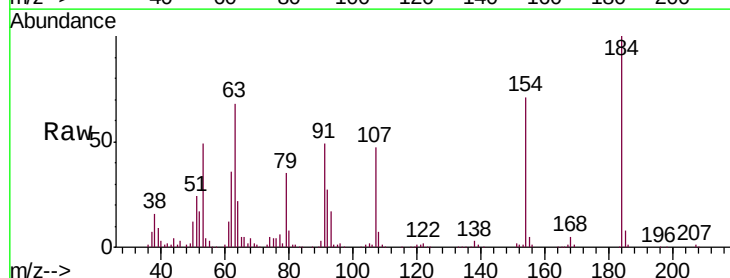
Tgt Ion:184 Resp: 242495

Ion Ratio Lower Upper

184 100

63 68.1 59.3 88.9

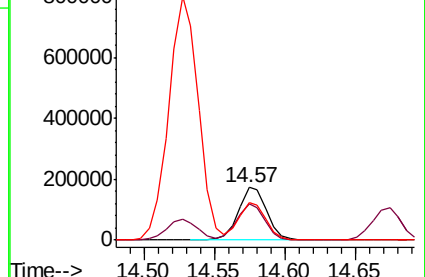
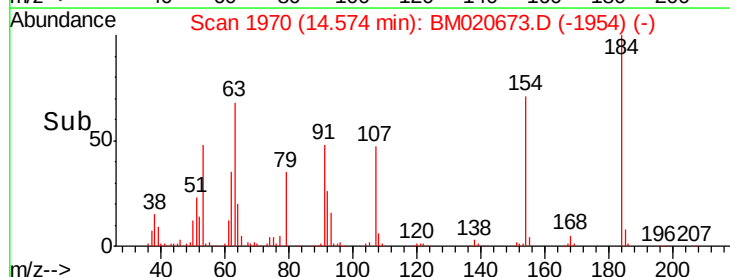
154 71.2 56.5 84.7

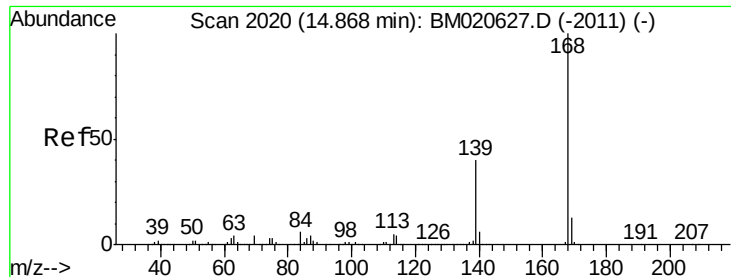


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 31.922 ng

RT: 14.86 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

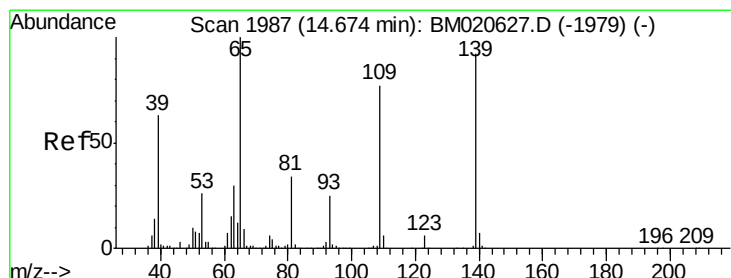
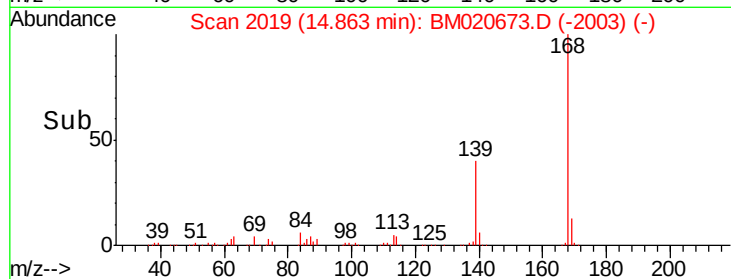
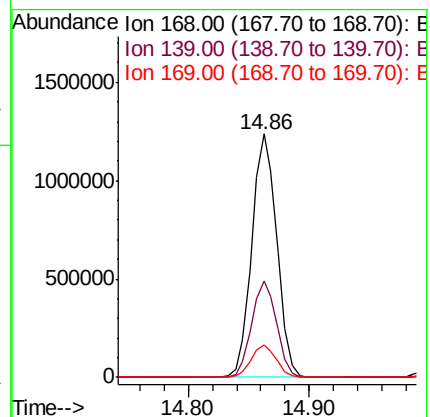
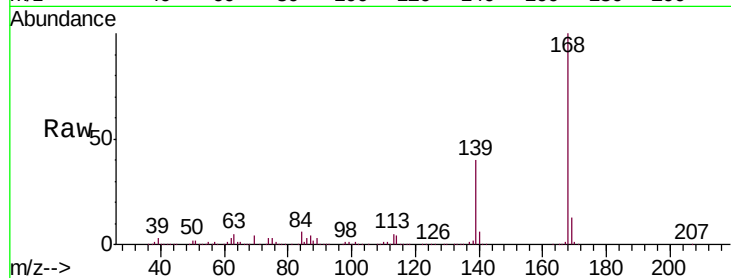
Tgt Ion:168 Resp: 1780631

Ion Ratio Lower Upper

168 100

139 39.8 31.9 47.9

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 61.528 ng

RT: 14.67 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

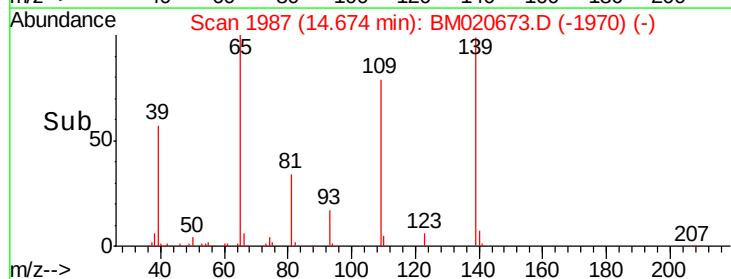
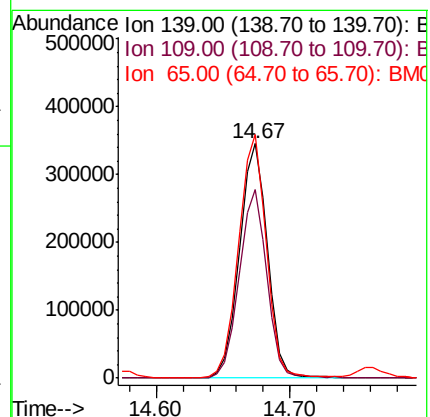
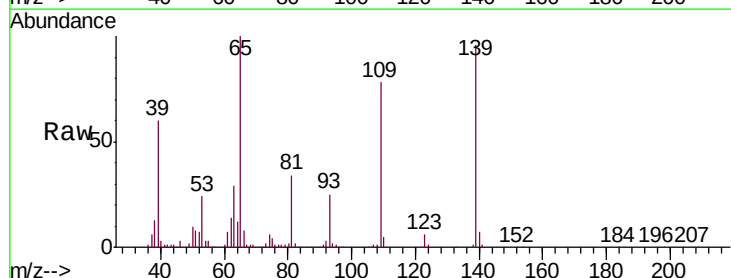
Tgt Ion:139 Resp: 503066

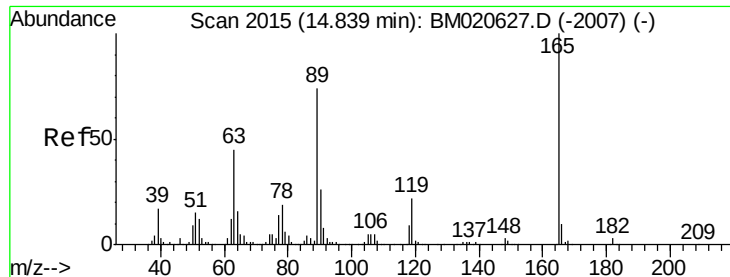
Ion Ratio Lower Upper

139 100

109 80.6 62.7 102.7

65 103.9 88.3 128.3

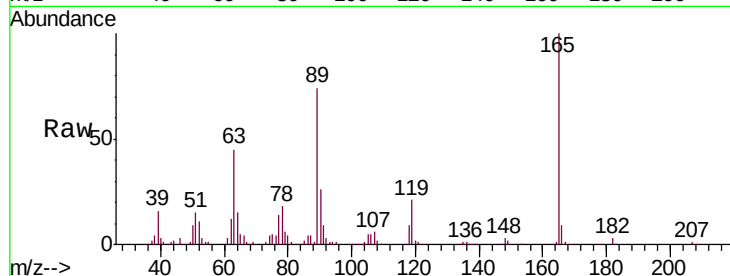




#57
 2,4-Dinitrotoluene
 Concen: 30.283 ng
 RT: 14.83 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.4	36.3	54.5
89	74.2	59.0	88.6
182	3.0	2.2	3.4



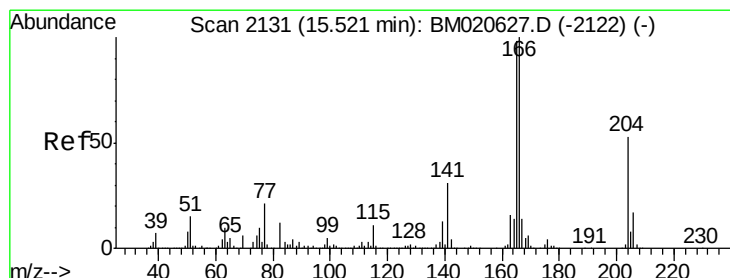
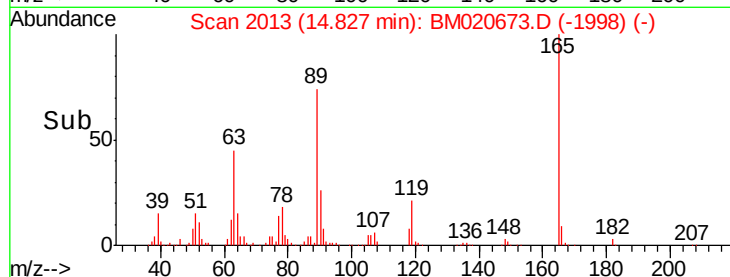
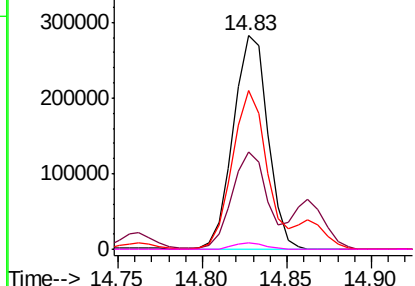
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

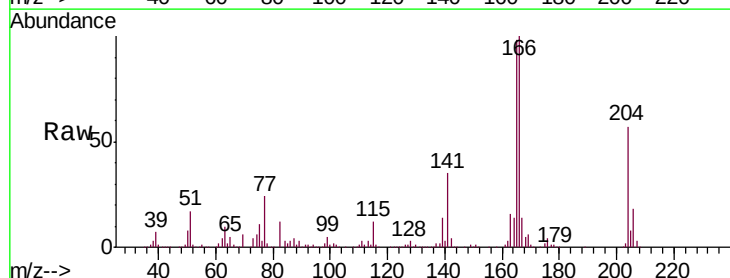
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 30.676 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.6	117.8
167	13.8	11.0	16.4

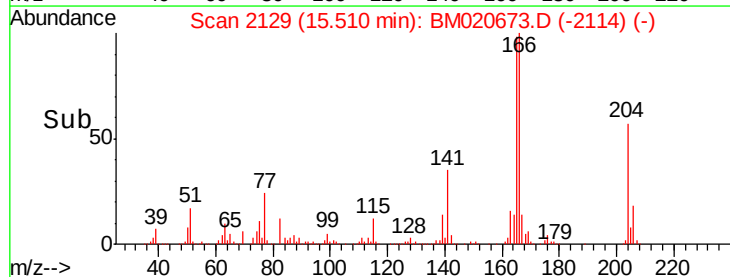
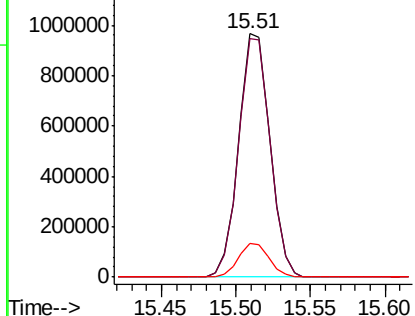


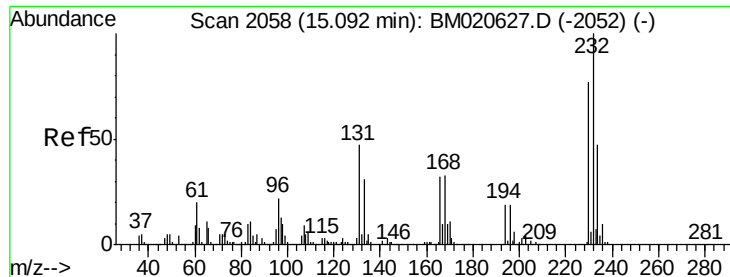
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

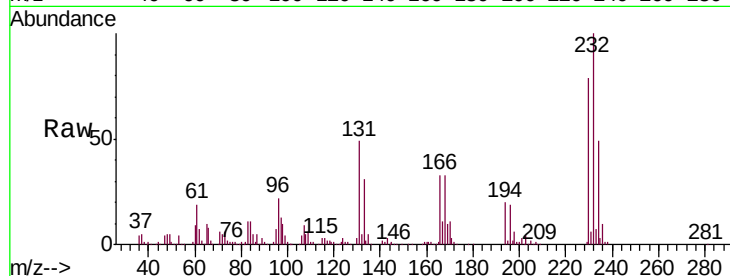




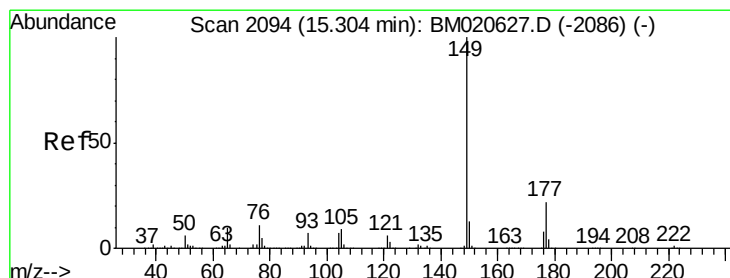
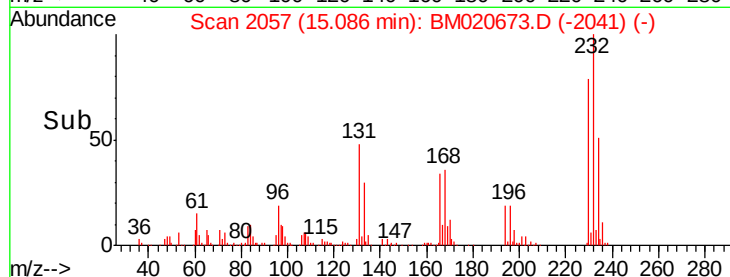
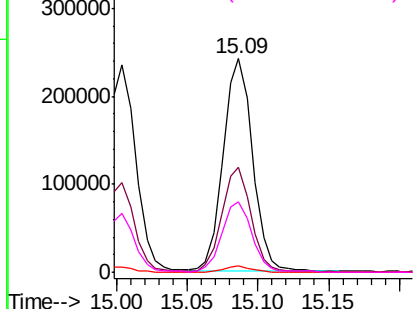
#59
2,3,4,6-Tetrachlorophenol
Concen: 31.979 ng
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tgt Ion:	232	Resp:	347733
Ion	Ratio	Lower	Upper
232	100		
131	48.5	38.6	57.8
130	2.7	2.2	3.2
166	33.7	26.6	39.8

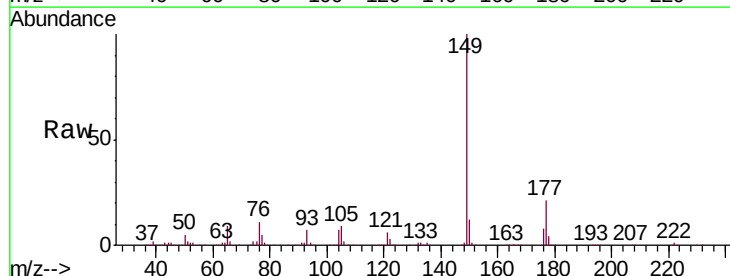


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

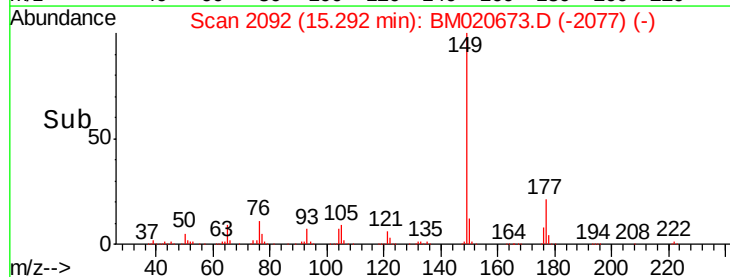
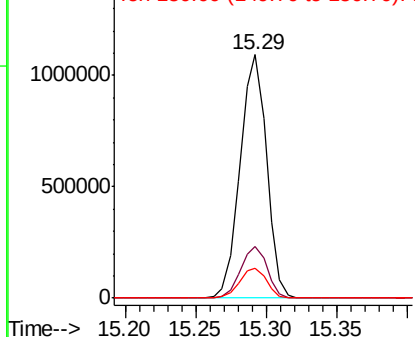


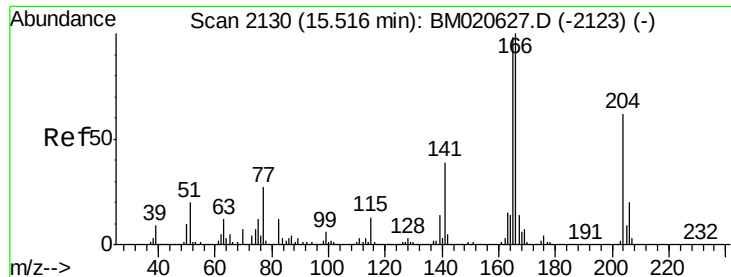
#60
Diethylphthalate
Concen: 28.400 ng
RT: 15.29 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

Tgt Ion:	149	Resp:	1433926
Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.2	25.8
150	12.4	10.1	15.1



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

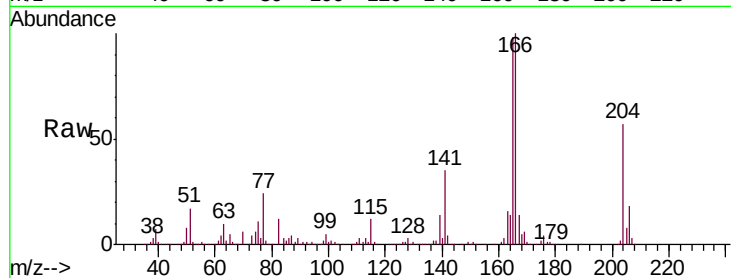




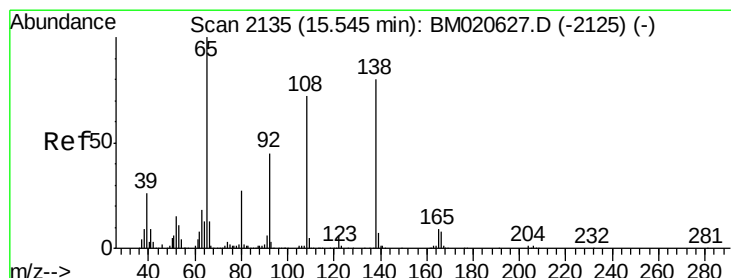
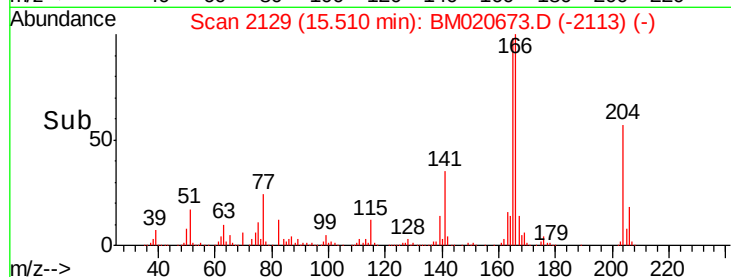
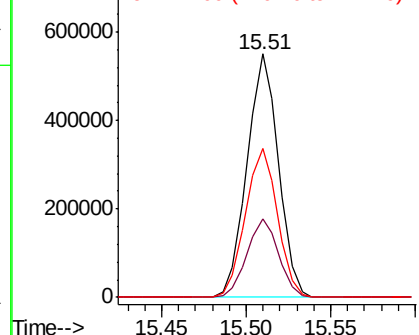
#61
4-Chlorophenyl-phenylether
Concen: 29.344 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tgt Ion:204 Resp: 712710
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.8
141 61.1 50.2 75.4

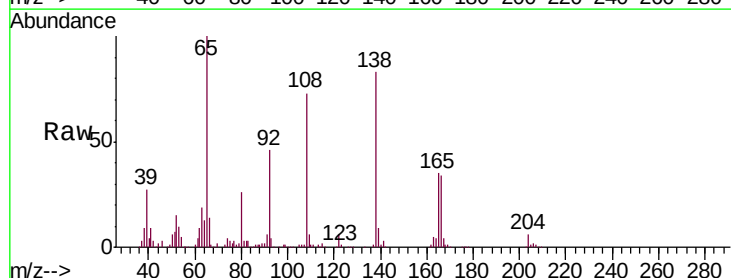


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

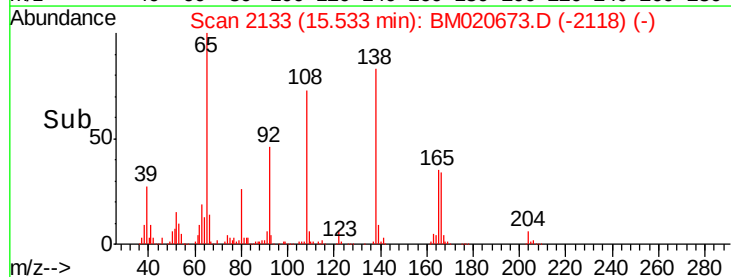
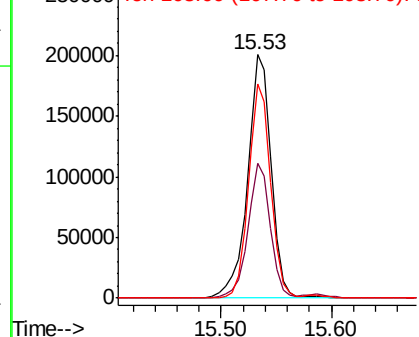


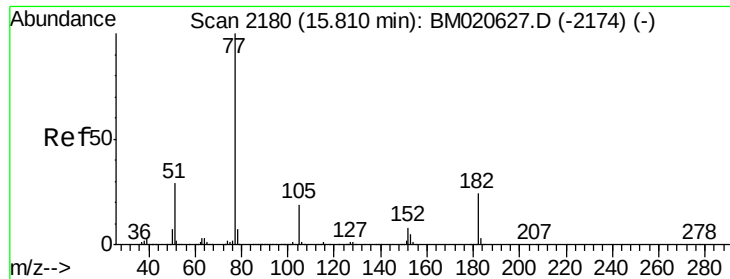
#62
4-Nitroaniline
Concen: 25.664 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

Tgt Ion:138 Resp: 301999
Ion Ratio Lower Upper
138 100
92 55.4 36.7 76.7
108 87.9 70.3 110.3



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





#63

Azobenzene

Concen: 29.217 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tgt Ion: 77 Resp: 1414269

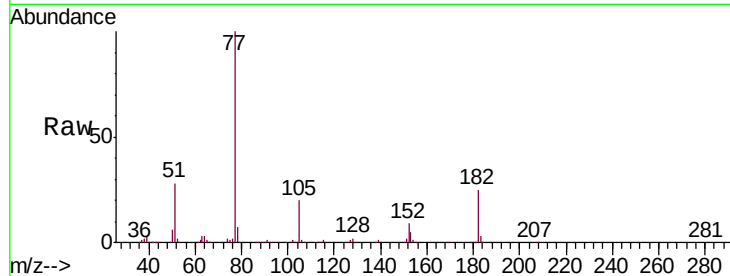
Ion Ratio Lower Upper

77 100

182 24.9 3.6 43.6

105 19.8 0.0 39.4

51 27.8 9.5 49.5

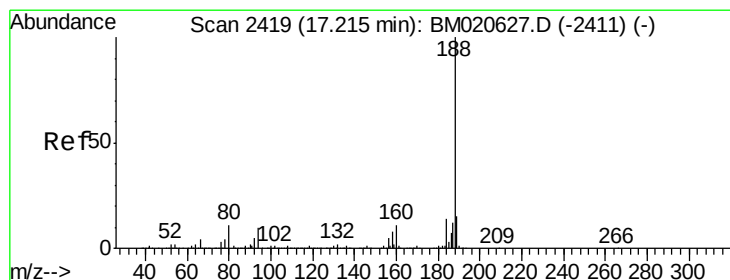
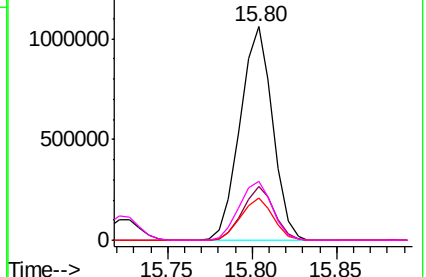
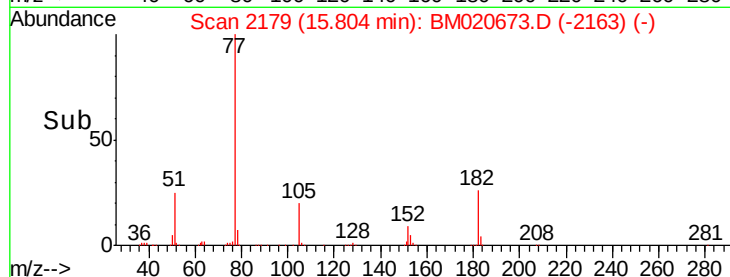


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: BM020673.D

Acq: 03 Jun 2019 16:28

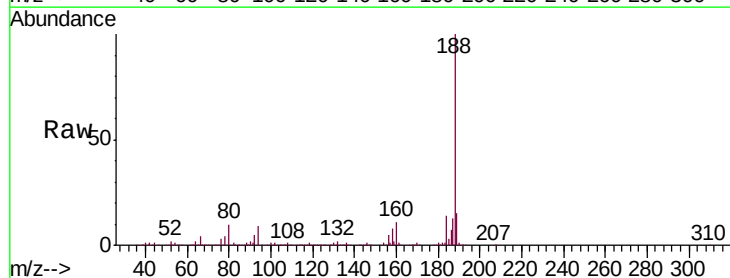
Tgt Ion: 188 Resp: 1080270

Ion Ratio Lower Upper

188 100

94 8.9 7.8 11.8

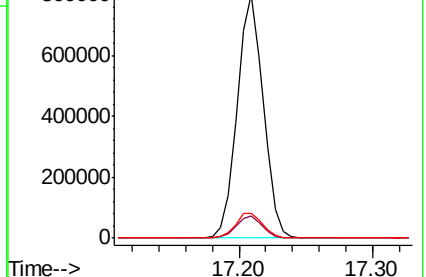
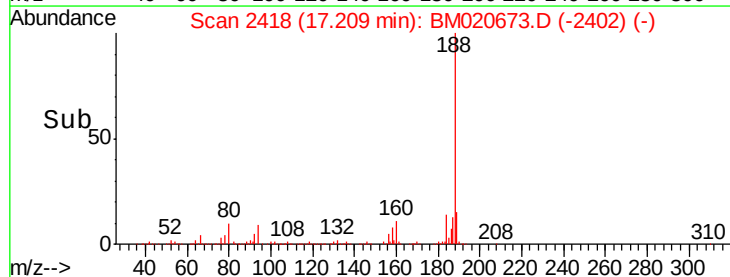
80 10.1 9.0 13.6

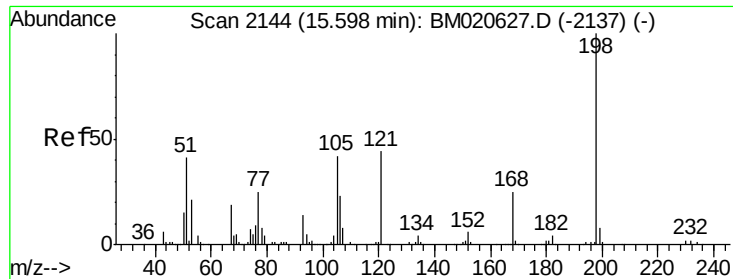


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

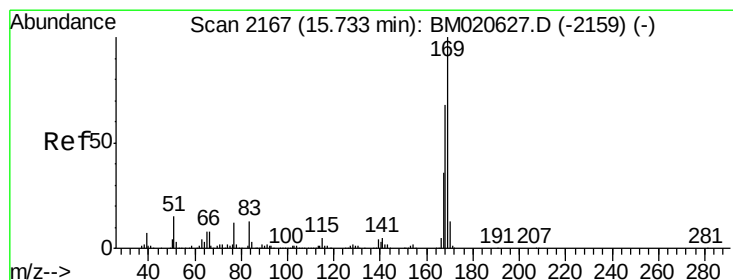
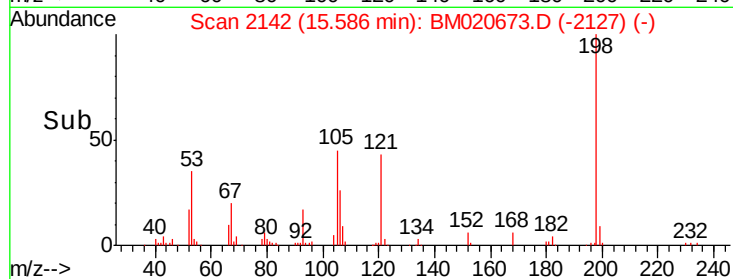
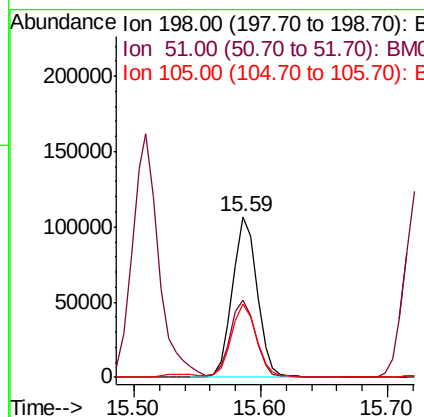
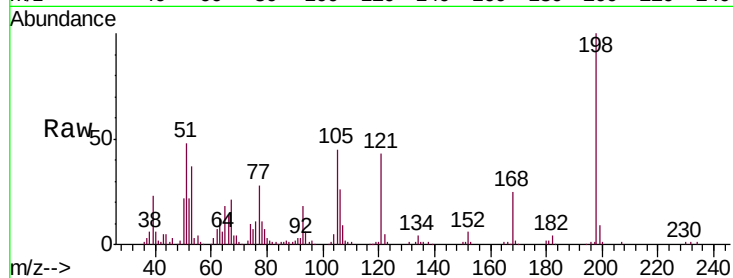




#65
 4,6-Dinitro-2-methylphenol
 Concen: 32.675 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

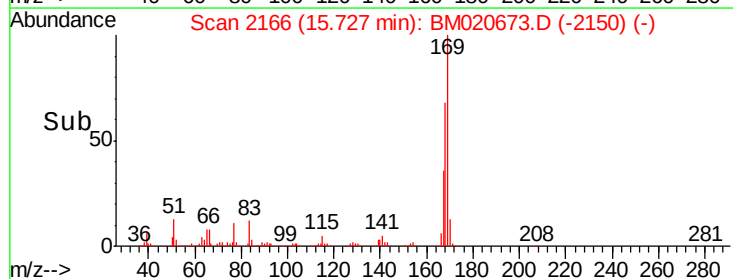
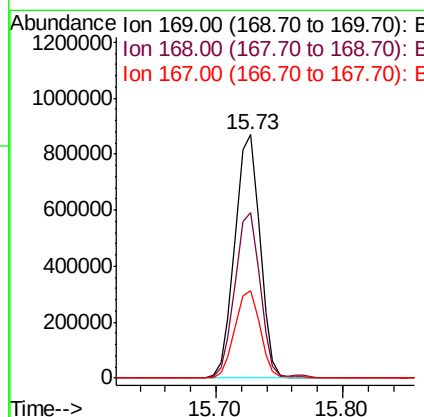
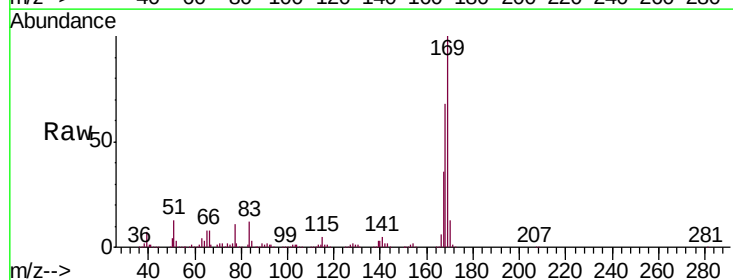
Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

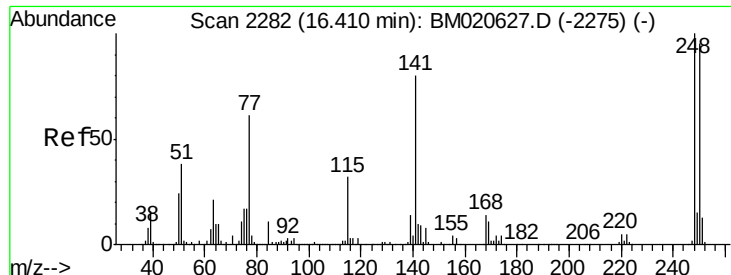
Tgt Ion:198 Resp: 143708
 Ion Ratio Lower Upper
 198 100
 51 48.3 27.7 67.7
 105 45.4 23.8 63.8



#66
 n-Nitrosodiphenylamine
 Concen: 34.348 ng
 RT: 15.73 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

Tgt Ion:169 Resp: 1187823
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.2 81.4
 167 35.9 29.1 43.7

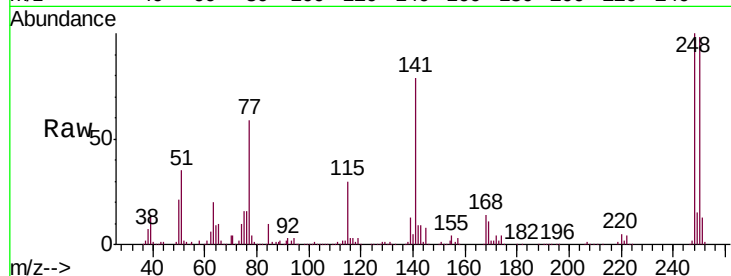




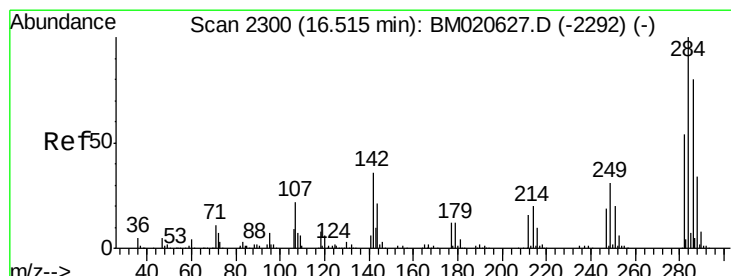
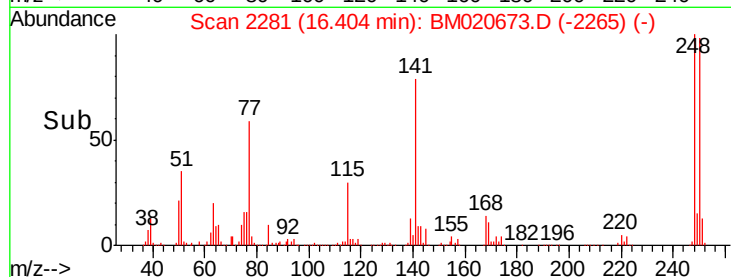
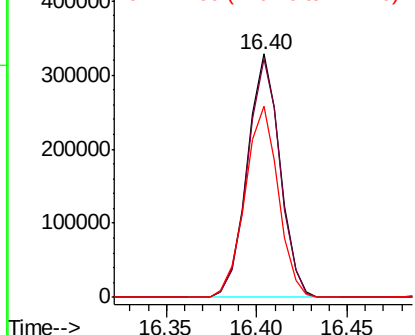
#67
 4-Bromophenyl-phenylether
 Concen: 32.421 ng
 RT: 16.40 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

Tgt Ion:248 Resp: 412367
 Ion Ratio Lower Upper
 248 100
 250 97.9 76.3 114.5
 141 78.5 64.2 96.2

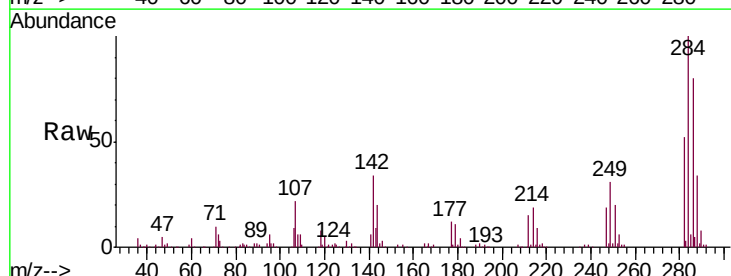


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

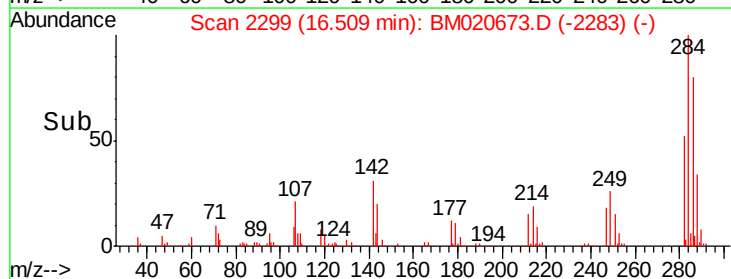
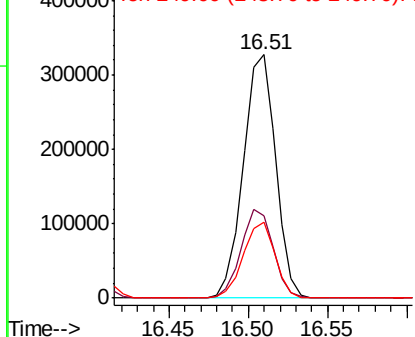


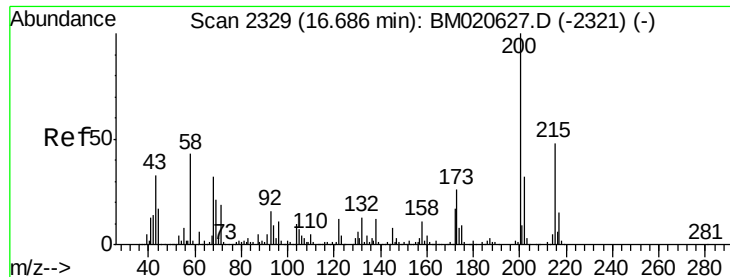
#68
 Hexachlorobenzene
 Concen: 31.207 ng
 RT: 16.51 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

Tgt Ion:284 Resp: 463485
 Ion Ratio Lower Upper
 284 100
 142 33.8 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: 35.374 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

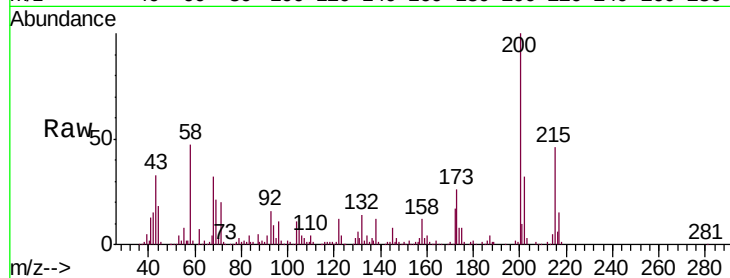
Tgt Ion:200 Resp: 365097

Ion Ratio Lower Upper

200 100

173 26.5 6.2 46.2

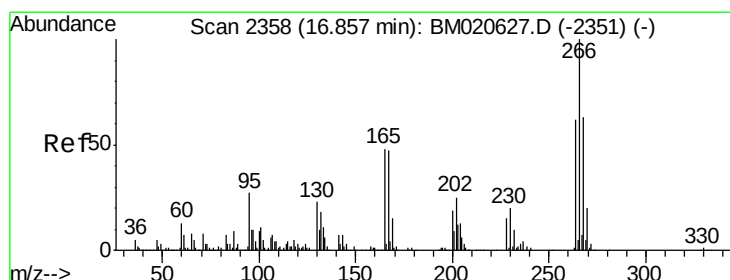
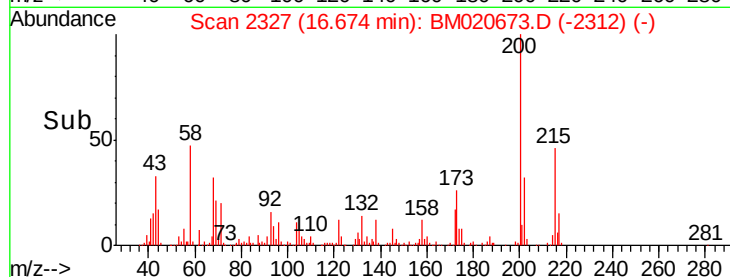
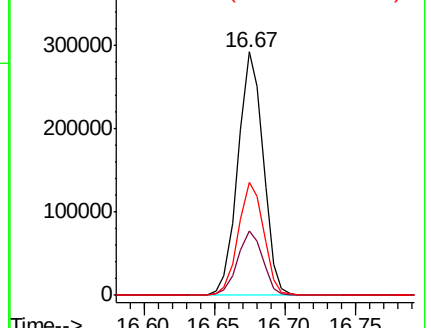
215 46.3 27.7 67.7



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: 71.968 ng

RT: 16.86 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

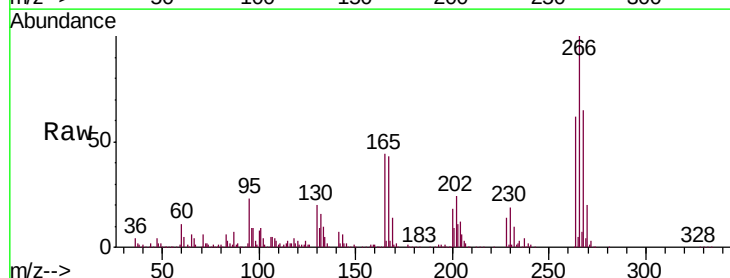
Tgt Ion:266 Resp: 509923

Ion Ratio Lower Upper

266 100

268 65.4 50.6 75.8

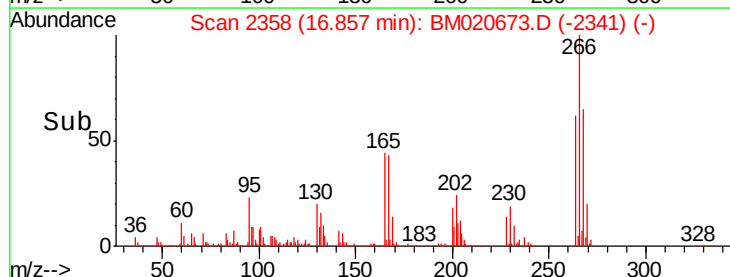
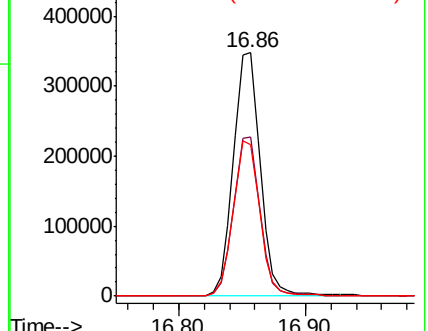
264 62.0 49.6 74.4

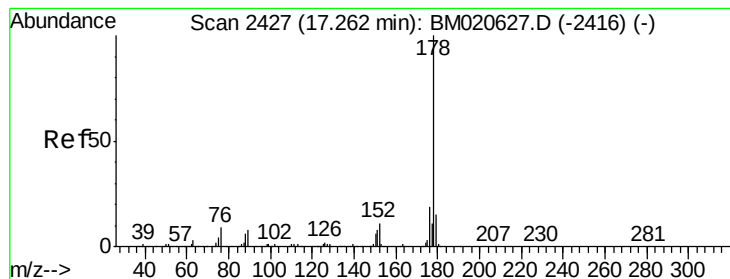


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 32.369 ng

RT: 17.25 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

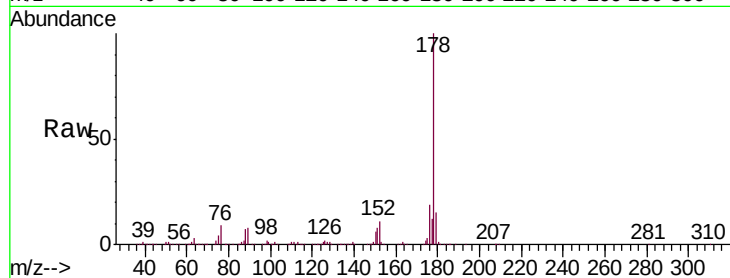
Tgt Ion:178 Resp: 1982057

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

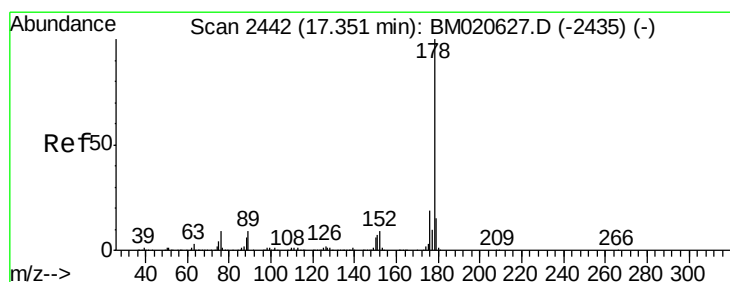
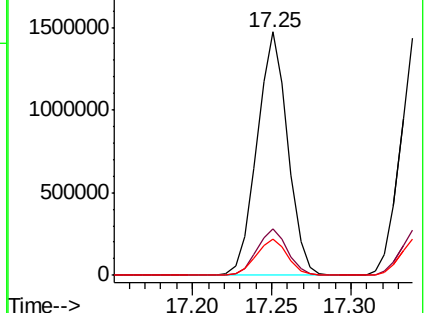
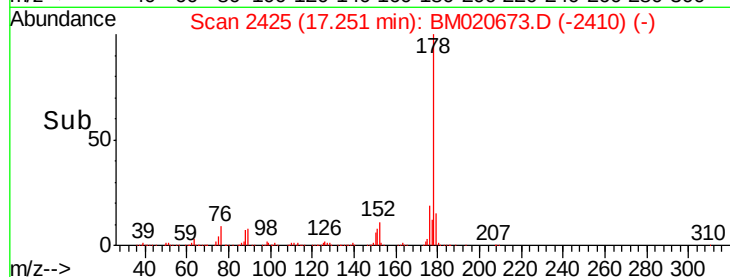
179 15.0 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 33.024 ng

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

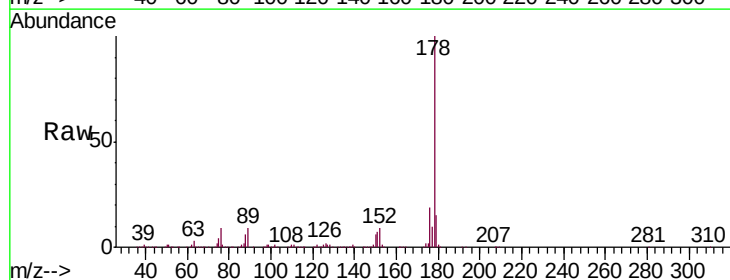
Tgt Ion:178 Resp: 2023957

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

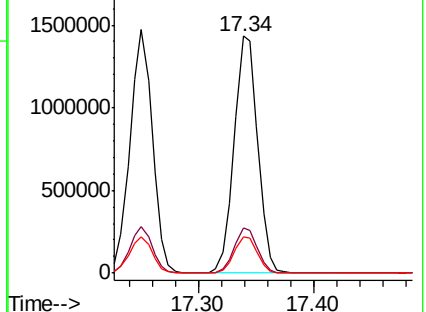
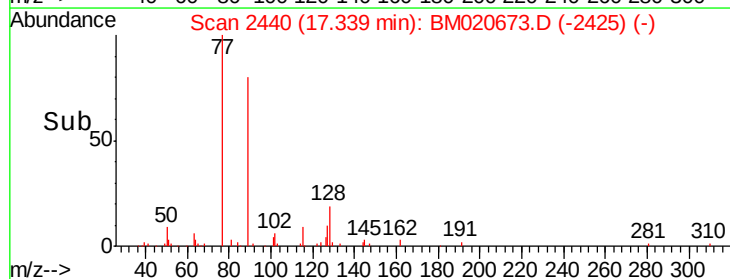
179 15.2 12.3 18.5

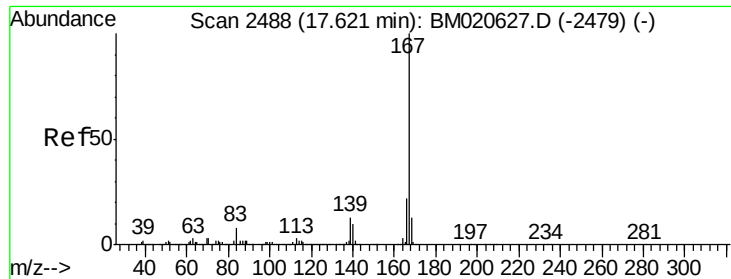


Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

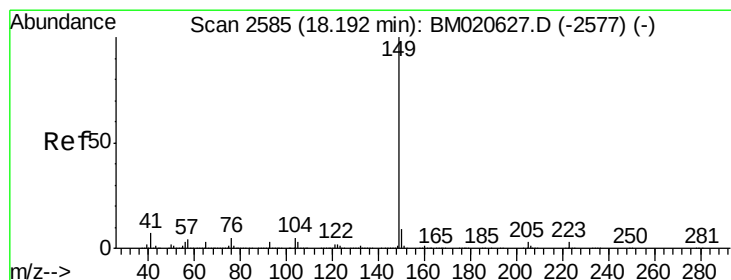
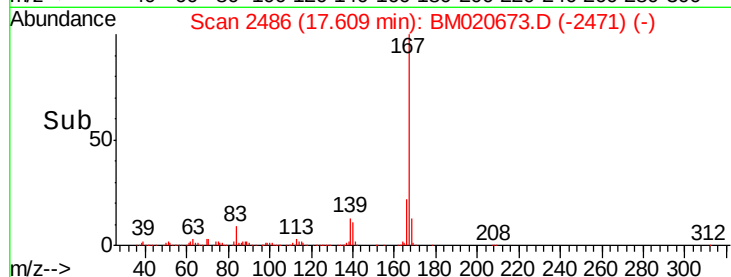
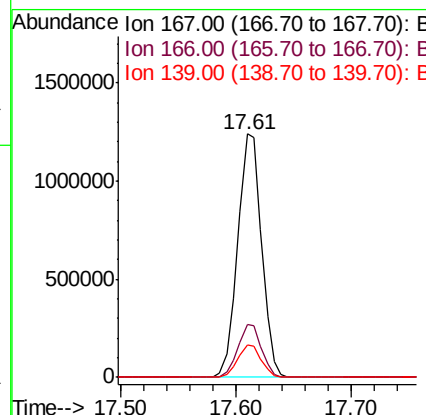
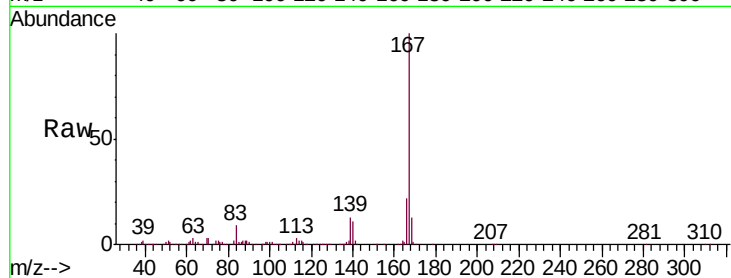




#73
 Carbazole
 Concen: 31.815 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

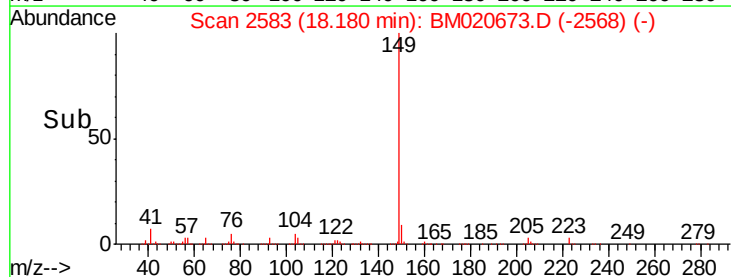
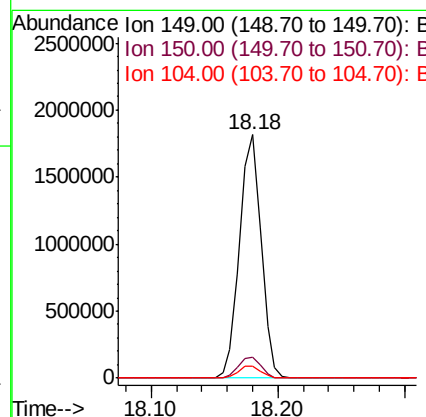
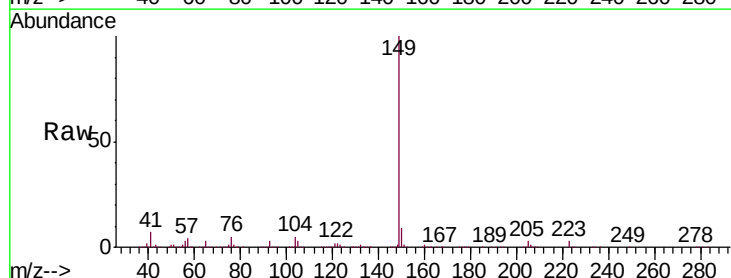
Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

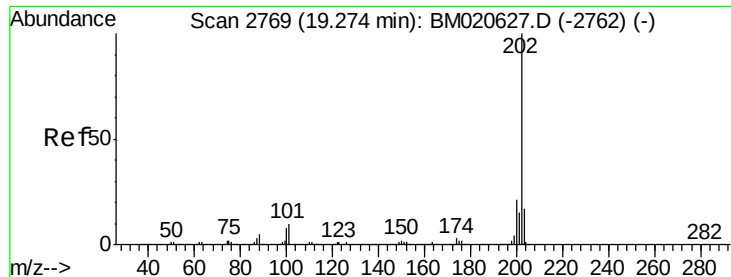
Tgt Ion:167 Resp: 1769405
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 13.2 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 29.538 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BM020673.D
 Acq: 03 Jun 2019 16:28

Tgt Ion:149 Resp: 2132503
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.2 10.8
 104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 30.955 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

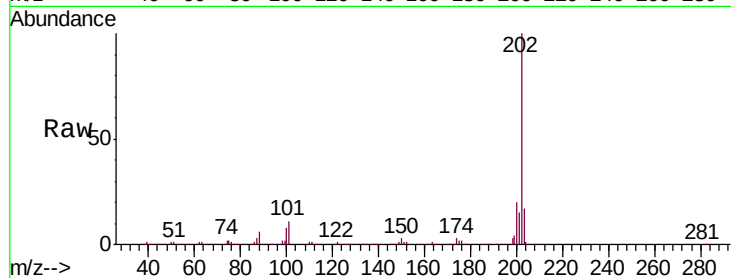
Tgt Ion:202 Resp: 2107894

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.4

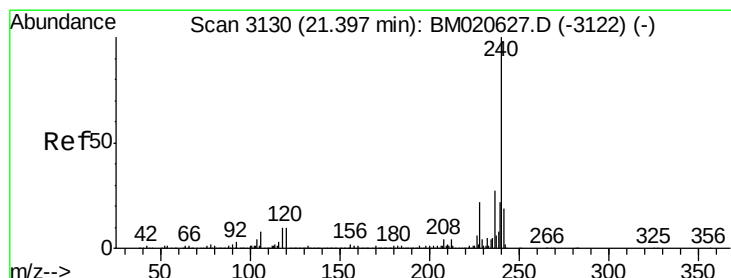
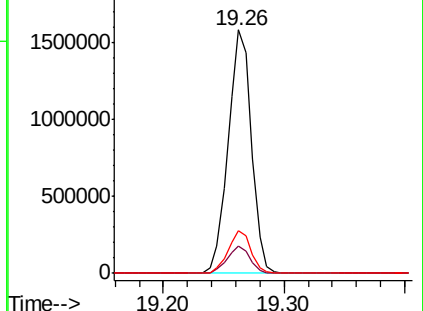
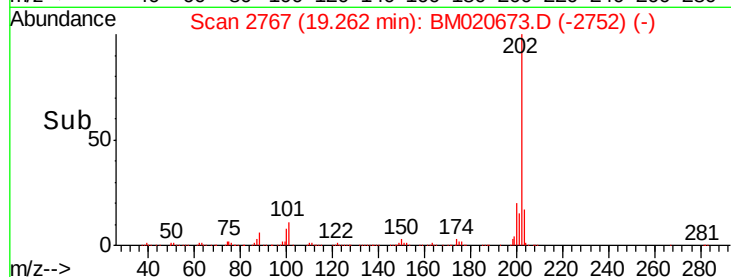
203 17.4 0.0 37.3



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: BM020673.D

Acq: 03 Jun 2019 16:28

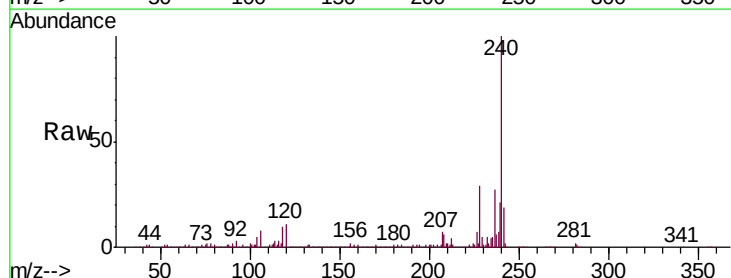
Tgt Ion:240 Resp: 917597

Ion Ratio Lower Upper

240 100

120 11.3 8.2 12.2

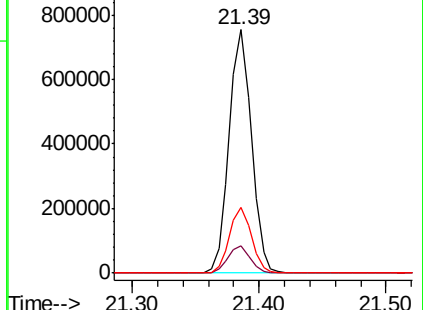
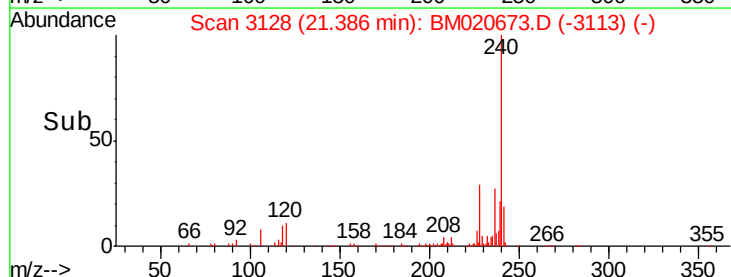
236 26.8 21.2 31.8

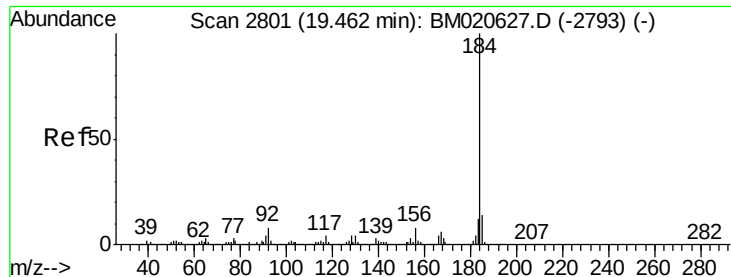


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.206 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

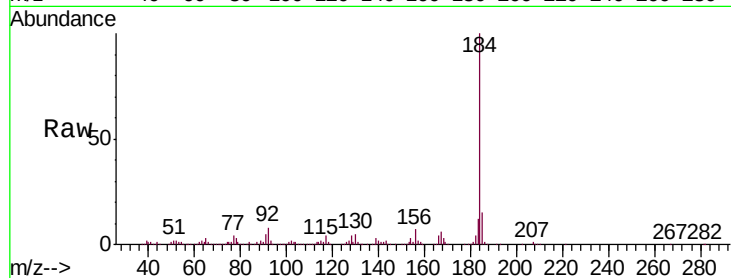
Tgt Ion:184 Resp: 951057

Ion Ratio Lower Upper

184 100

185 14.8 11.3 16.9

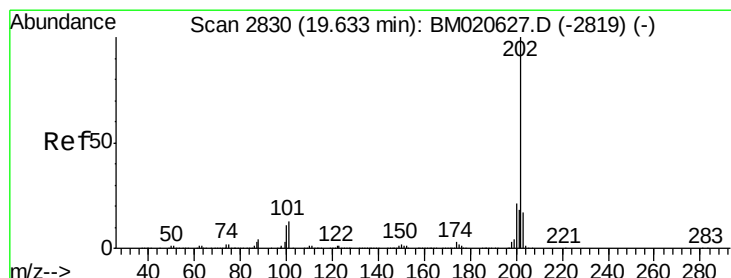
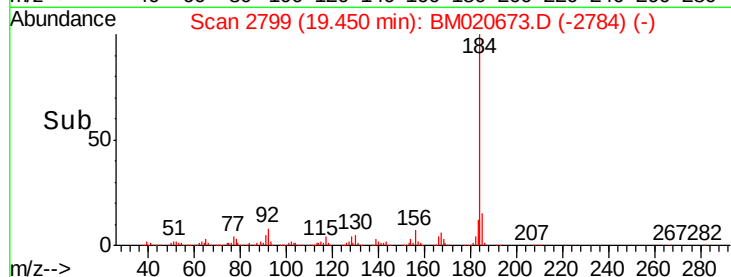
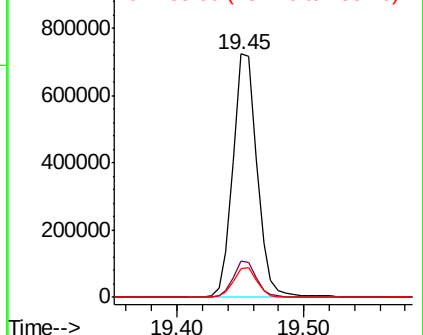
183 11.9 9.8 14.6



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: 30.527 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

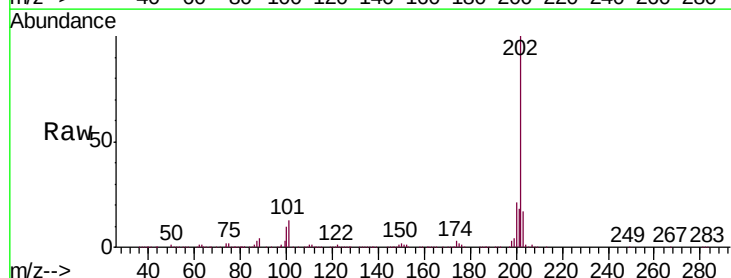
Tgt Ion:202 Resp: 2149577

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

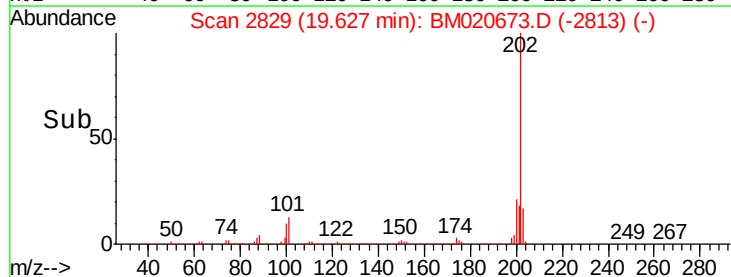
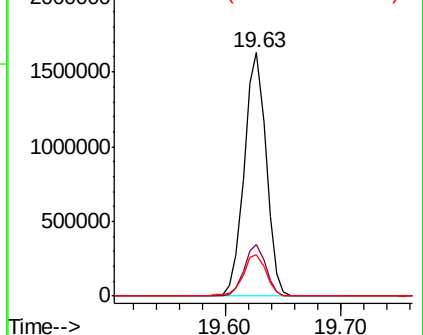
203 17.1 13.9 20.9

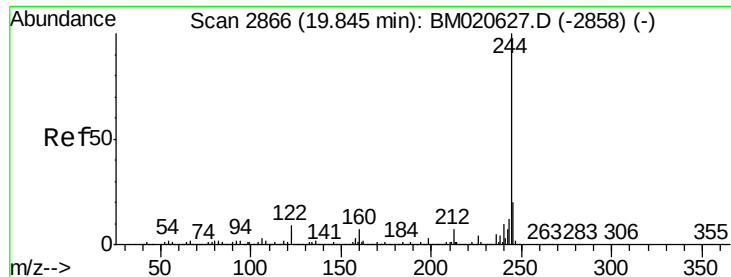


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 60.289 ng

RT: 19.83 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

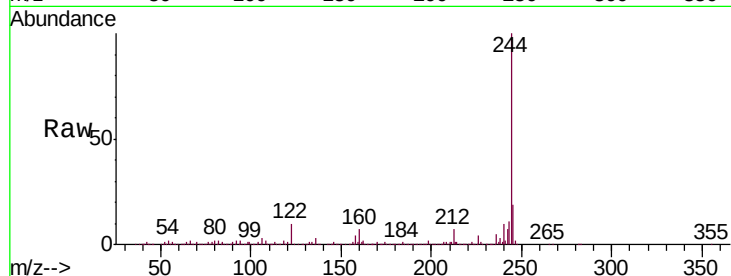
Tgt Ion:244 Resp: 3307403

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

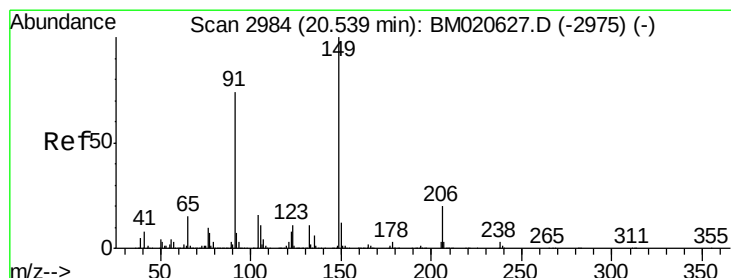
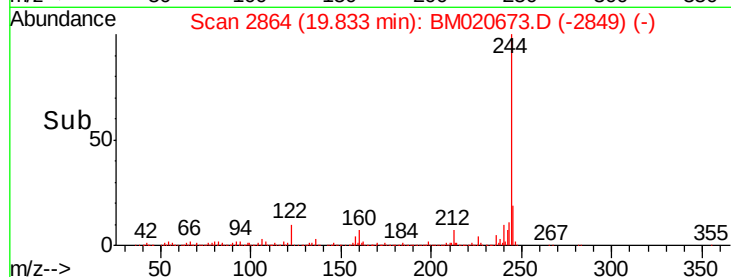
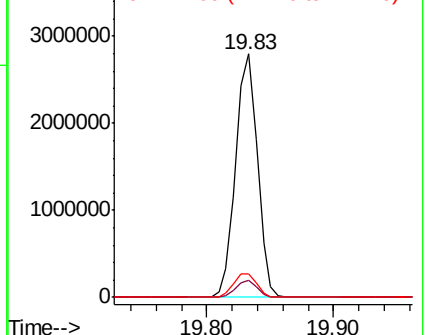
122 9.8 7.2 10.8



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: 29.133 ng

RT: 20.53 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

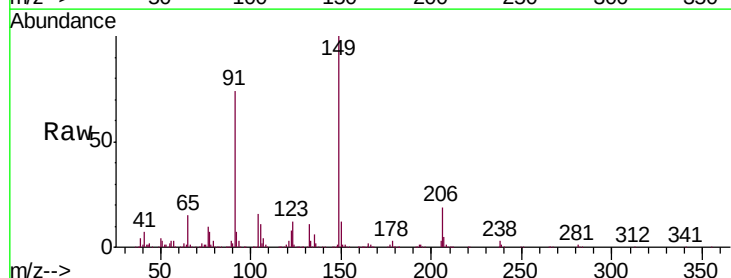
Tgt Ion:149 Resp: 866939

Ion Ratio Lower Upper

149 100

91 74.4 59.6 89.4

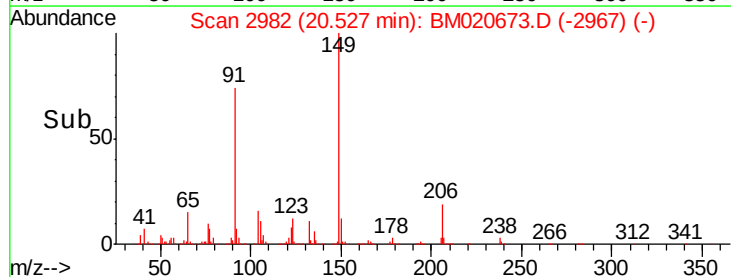
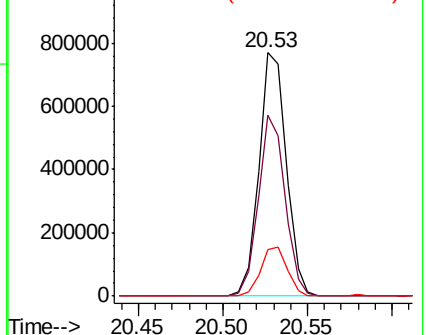
206 19.1 15.7 23.5

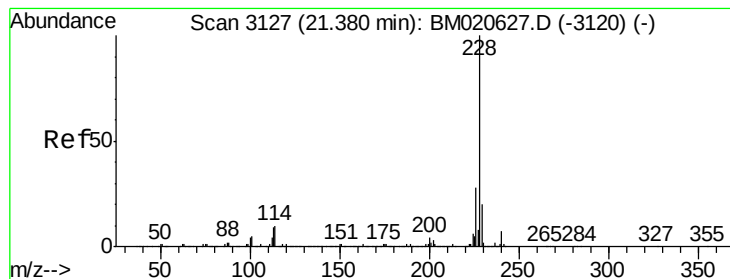


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 32.214 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

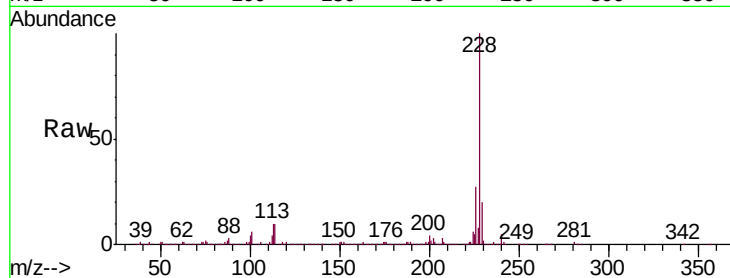
Tgt Ion:228 Resp: 2058462

Ion Ratio Lower Upper

228 100

226 26.8 22.3 33.5

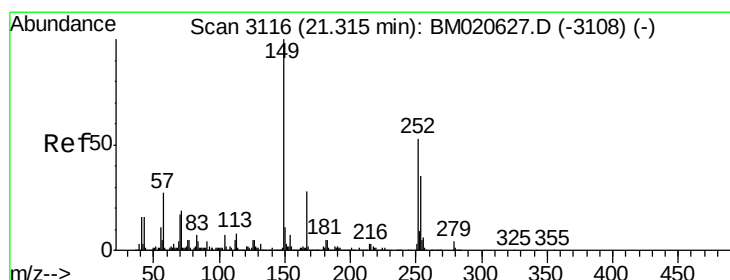
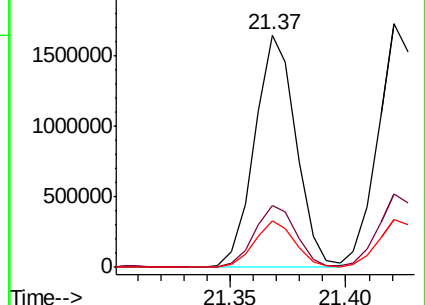
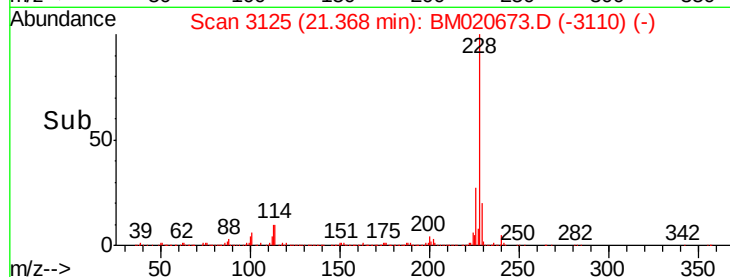
229 19.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.692 ng

RT: 21.31 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

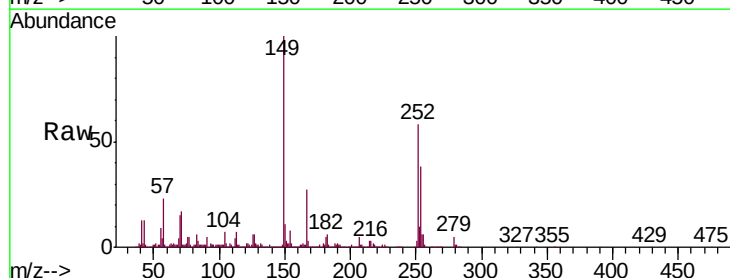
Tgt Ion:252 Resp: 647992

Ion Ratio Lower Upper

252 100

254 64.2 52.6 78.8

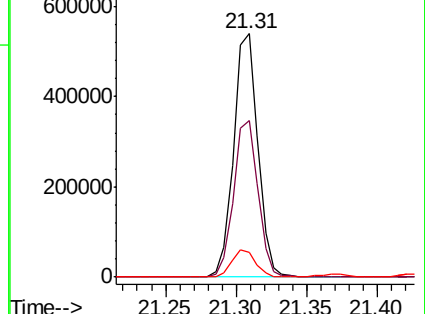
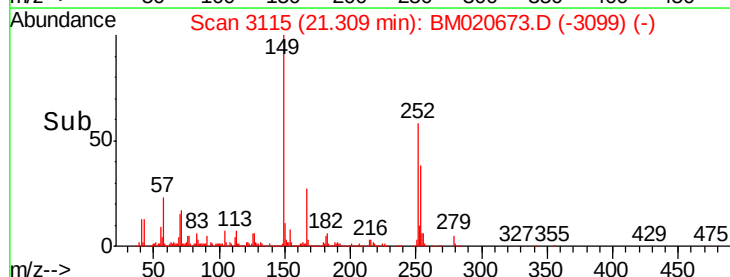
126 10.1 8.0 12.0

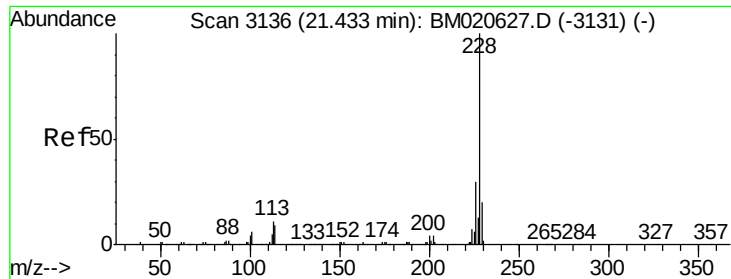


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 33.956 ng

RT: 21.42 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

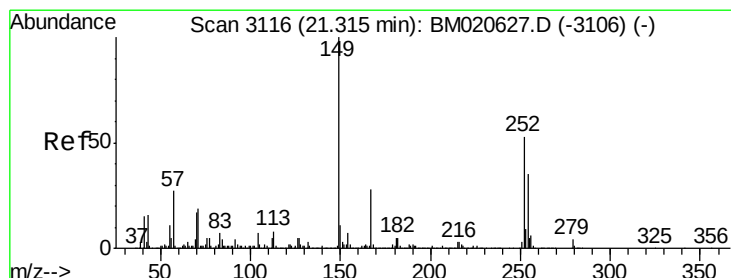
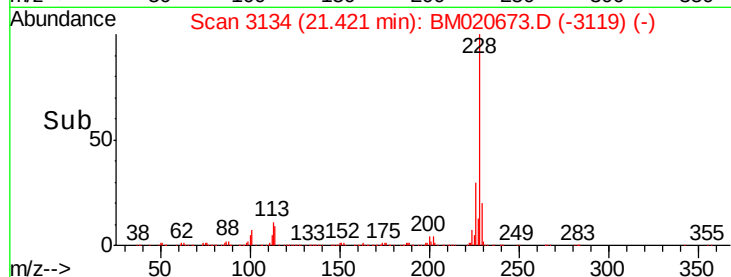
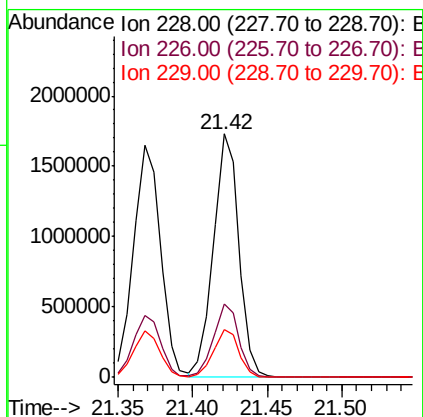
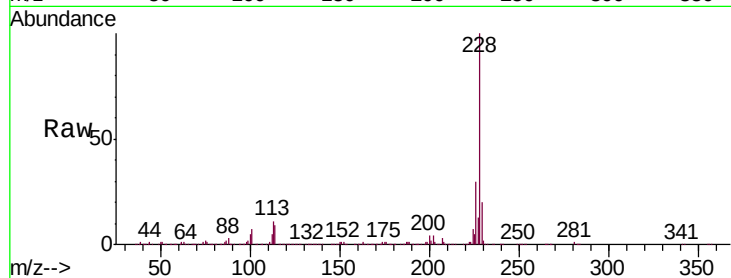
Tgt Ion: 228 Resp: 2062559

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 29.348 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

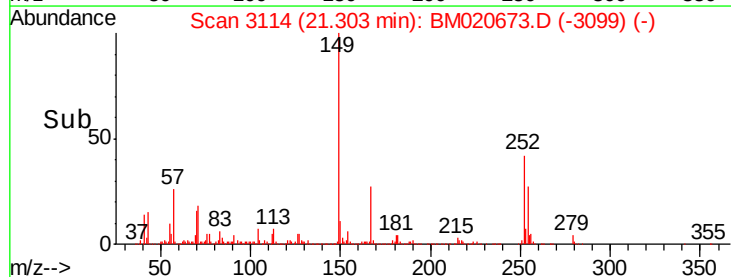
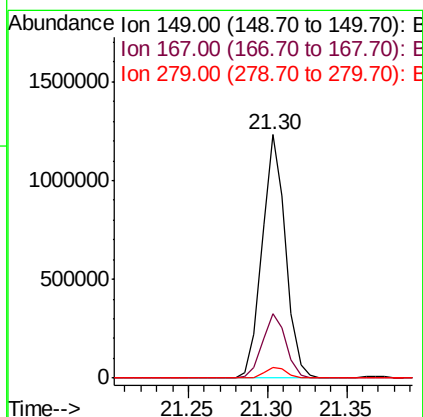
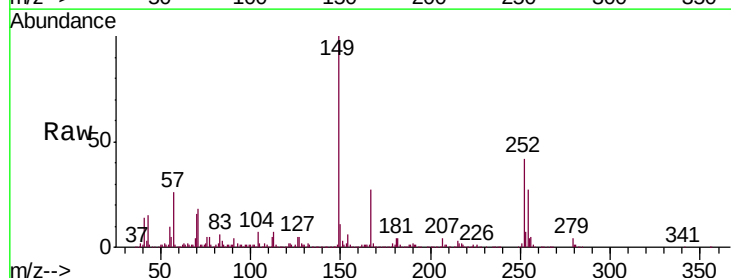
Tgt Ion: 149 Resp: 1269291

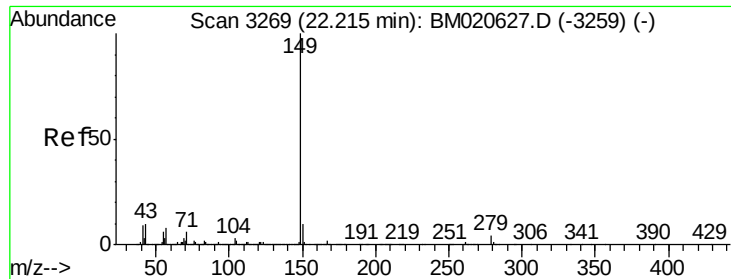
Ion Ratio Lower Upper

149 100

167 26.7 22.1 33.1

279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 31.625 ng

RT: 22.20 min Scan# 3267

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

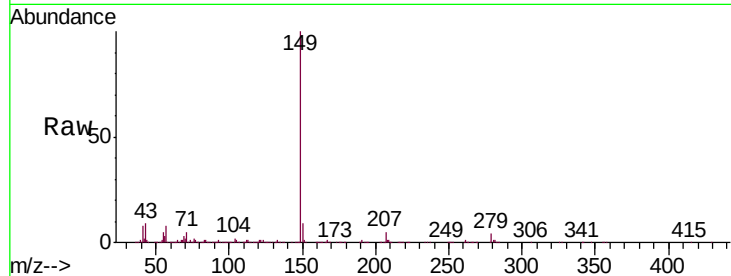
Tgt Ion:149 Resp: 2171510

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

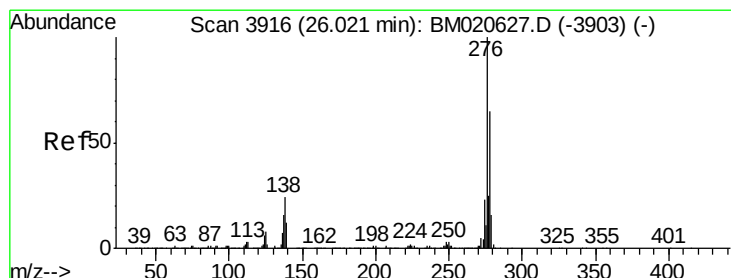
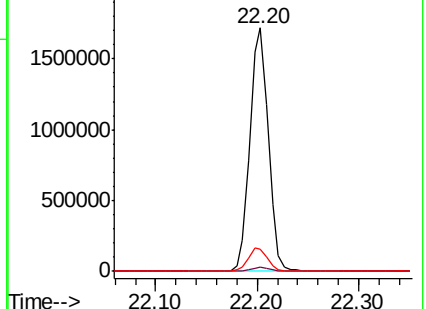
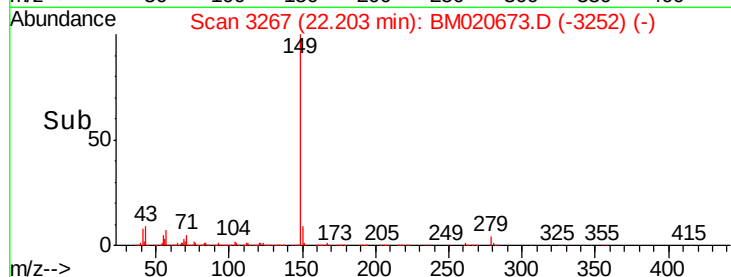
43 9.9 8.2 12.4



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: 47.423 ng

RT: 26.00 min Scan# 3913

Delta R.T. -0.02 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

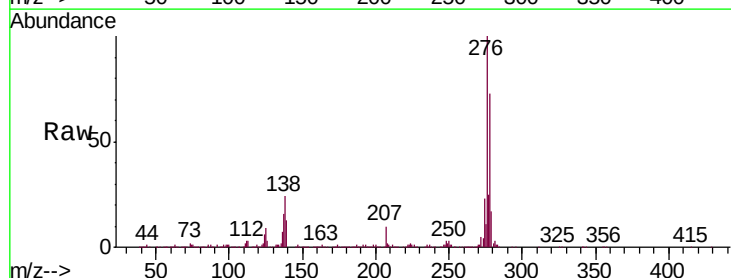
Tgt Ion:276 Resp: 2946899

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.8

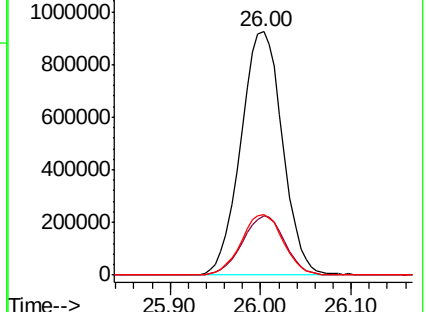
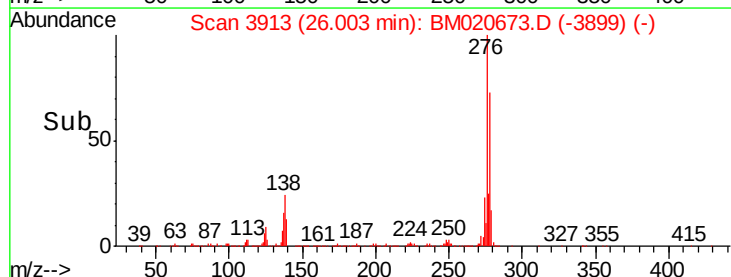
277 25.3 20.2 30.4

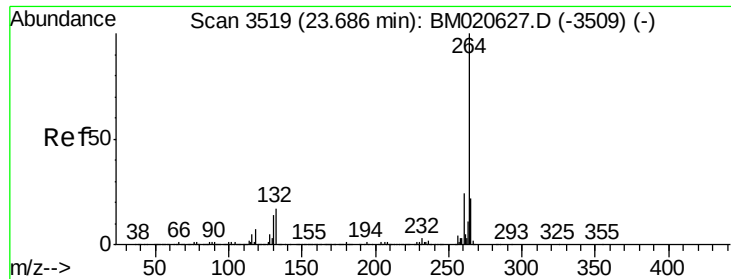


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

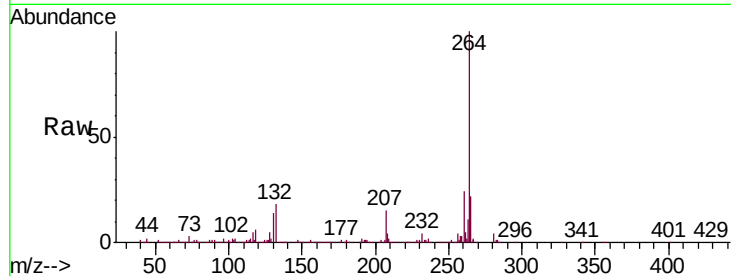
Tgt Ion:264 Resp: 1075038

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

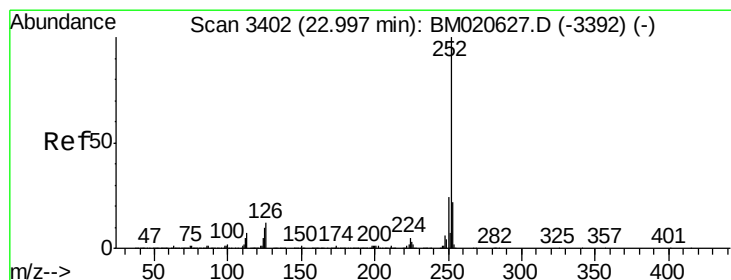
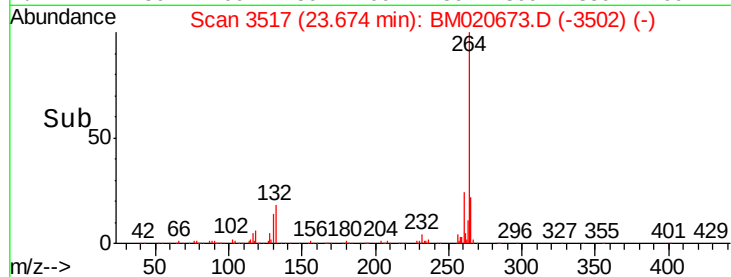
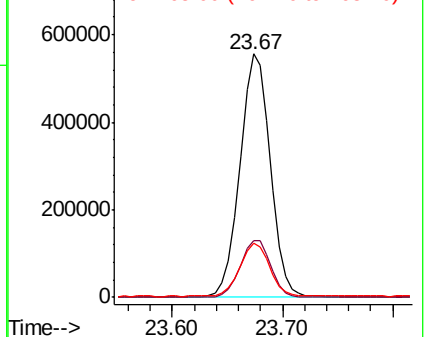
265 22.4 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 32.946 ng

RT: 22.99 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

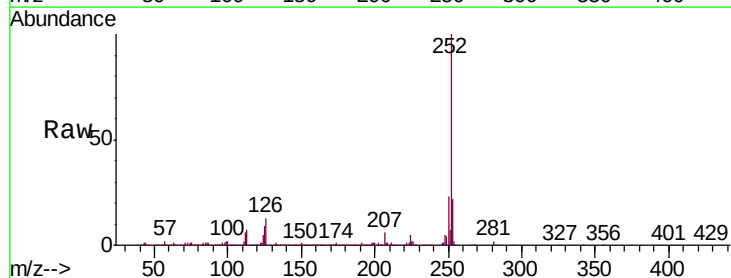
Tgt Ion:252 Resp: 2340918

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

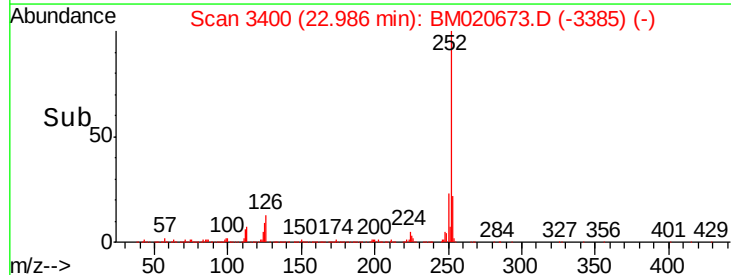
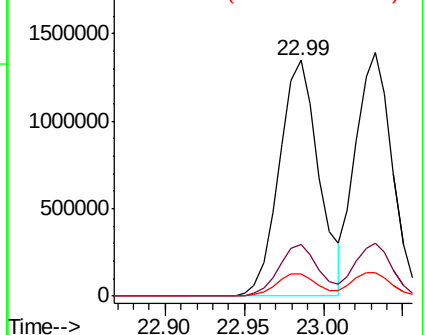
125 9.4 7.8 11.8

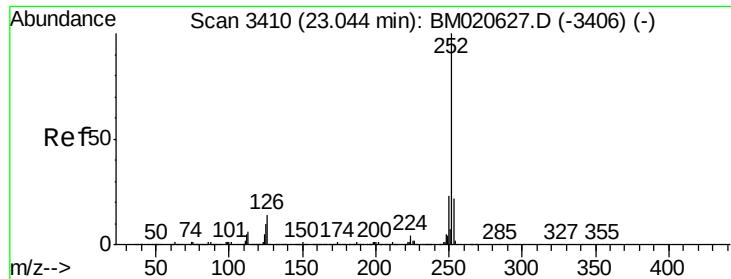


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

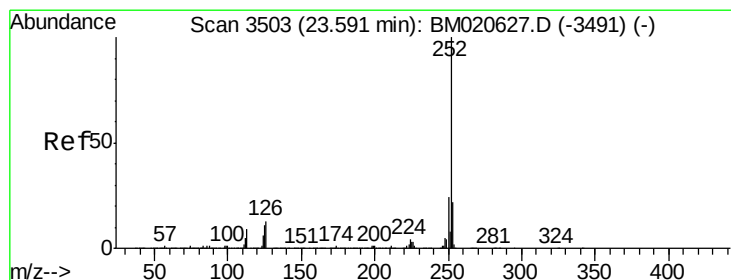
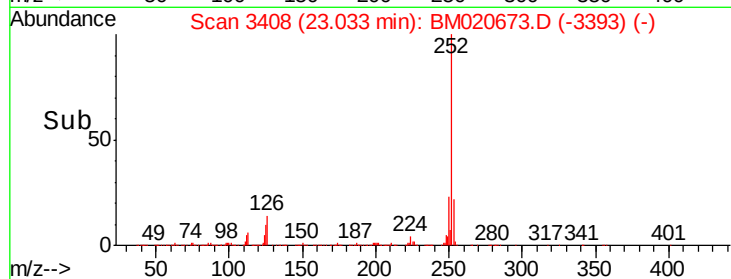
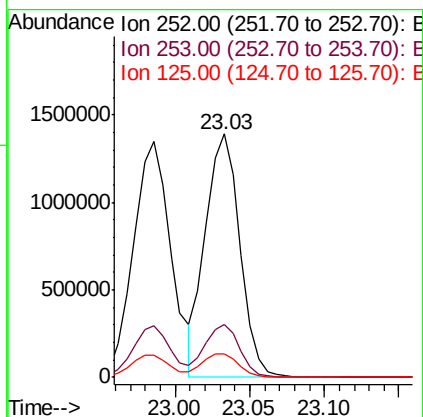
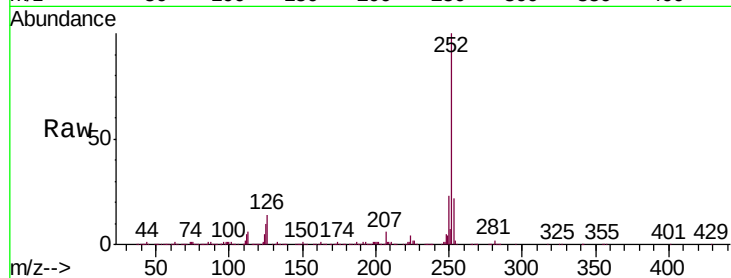




#89
Benzo(k)fluoranthene
Concen: 32.090 ng
RT: 23.03 min Scan# 3408
Delta R.T. -0.01 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

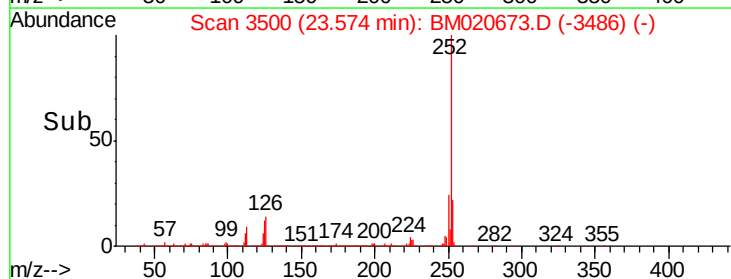
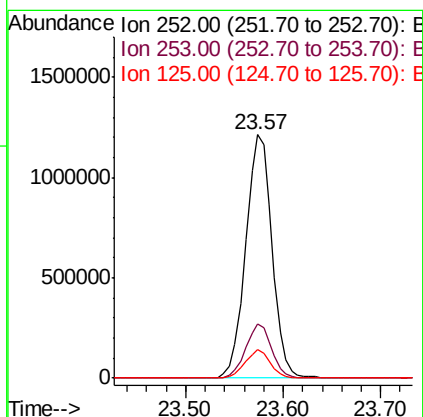
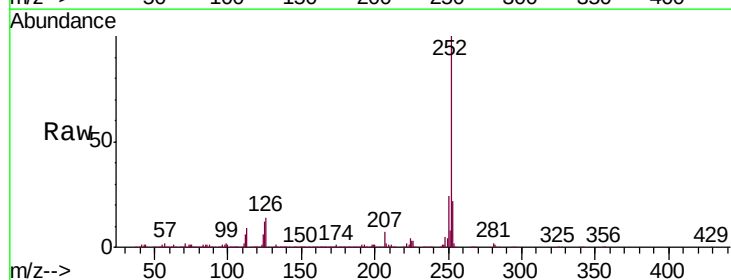
Instrument :
BNA_M
ClientSampleId :
PB120172BS

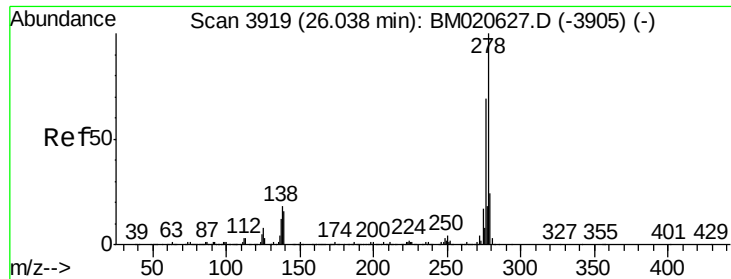
Tgt Ion:252 Resp: 2228250
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 9.8 7.8 11.8



#90
Benzo(a)pyrene
Concen: 35.474 ng
RT: 23.57 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BM020673.D
Acq: 03 Jun 2019 16:28

Tgt Ion:252 Resp: 2286264
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 11.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 39.729 ng

RT: 26.01 min Scan# 3915

Delta R.T. -0.02 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

Instrument :

BNA_M

ClientSampleId :

PB120172BS

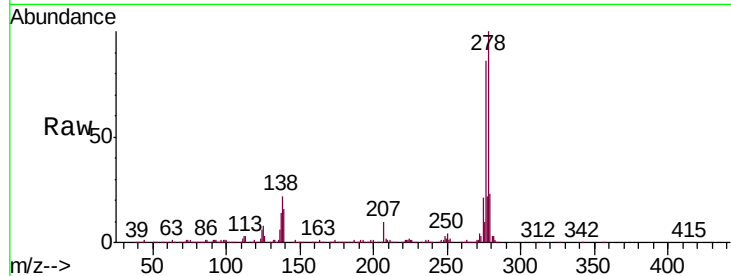
Tgt Ion:278 Resp: 2484103

Ion Ratio Lower Upper

278 100

139 16.1 12.6 18.8

279 23.3 19.0 28.6

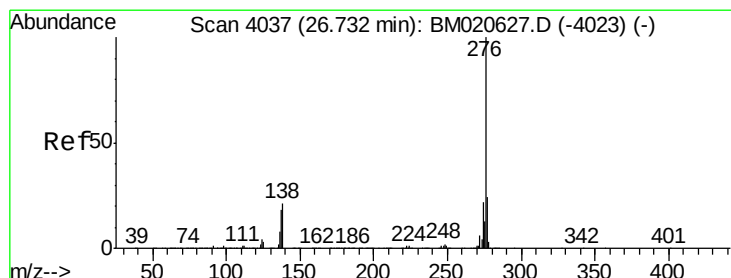
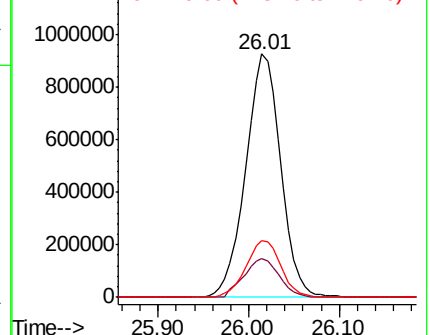
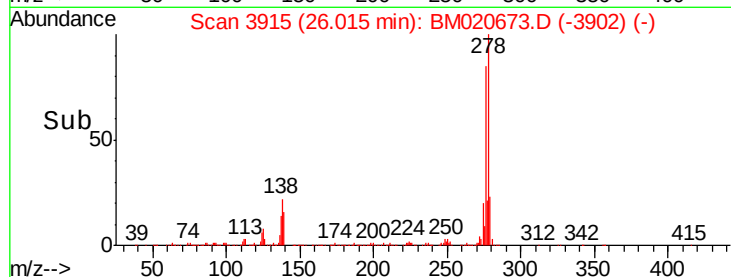


Abundance

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: 41.513 ng

RT: 26.71 min Scan# 4034

Delta R.T. -0.02 min

Lab File: BM020673.D

Acq: 03 Jun 2019 16:28

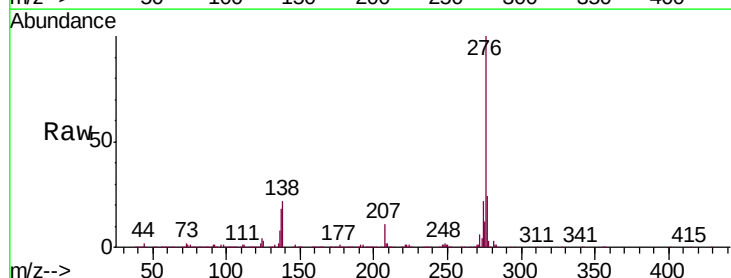
Tgt Ion:276 Resp: 2410997

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 22.1 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

