

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020666.D
 Acq On : 03 Jun 2019 12:16
 Operator : HP/JU
 Sample : PB120172BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

Quant Time: Jun 04 04:09:43 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	705492	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	2756928	20.00	ng	0.00
39) Acenaphthene-d10	14.47	164	1421006	20.00	ng	0.00
64) Phenanthrene-d10	17.21	188	2694960	20.00	ng	0.00
76) Chrysene-d12	21.39	240	2386071	20.00	ng	-0.01
87) Perylene-d12	23.68	264	2927980	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	5369417	133.88	ng	0.00
7) Phenol-d6	7.00	99	7009941	118.70	ng	0.01
23) Nitrobenzene-d5	8.99	82	3855961	72.47	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	2376596	134.99	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	8208119	76.79	ng	0.00
79) Terphenyl-d14	19.84	244	8345367	58.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	217704	13.258	ng	98
3) Pyridine	3.75	79	602473	11.532	ng	98
4) n-Nitrosodimethylamine	3.66	42	261826	11.626	ng	94
6) Aniline	7.17	93	707091	8.275	ng	98
8) 2-Chlorophenol	7.40	128	601812	12.062	ng	100
9) Benzaldehyde	6.97	77	219881	2.896	ng	97
10) Phenol	7.03	94	739633	11.622	ng	99
11) bis(2-Chloroethyl)ether	7.26	93	562607	11.093	ng	98
12) 1,3-Dichlorobenzene	7.72	146	661488	11.536	ng	99
13) 1,4-Dichlorobenzene	7.86	146	672861	11.543	ng	99
14) 1,2-Dichlorobenzene	8.18	146	644941	11.369	ng	100
15) Benzyl Alcohol	8.07	79	546877	10.468	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	792568	10.122	ng	99
17) 2-Methylphenol	8.26	107	490270	10.955	ng	98
18) Hexachloroethane	8.90	117	246400	11.040	ng	99
19) n-Nitroso-di-n-propylamine	8.64	70	466544	9.828	ng	98
20) 3+4-Methylphenols	8.59	107	645235	10.597	ng	99
22) Acetophenone	8.65	105	873635	12.474	ng	# 98
24) Nitrobenzene	9.03	77	696726	12.826	ng	100
25) Isophorone	9.55	82	1201497	11.351	ng	100
26) 2-Nitrophenol	9.74	139	276249	13.645	ng	98
27) 2,4-Dimethylphenol	9.79	122	520011	13.708	ng	99
28) bis(2-Chloroethoxy)methane	10.04	93	727451	11.367	ng	99
29) 2,4-Dichlorophenol	10.26	162	514490	12.258	ng	98
30) 1,2,4-Trichlorobenzene	10.48	180	599271	12.417	ng	99
31) Naphthalene	10.67	128	1798873	12.689	ng	99
32) Benzoic acid	9.90	122	249556	14.468	ng	96
33) 4-Chloroaniline	10.78	127	284025	4.305	ng	99
34) Hexachlorobutadiene	10.95	225	341154	11.781	ng	99
35) Caprolactam	11.56	113	142012	9.740	ng	98
36) 4-Chloro-3-methylphenol	11.90	107	526819	10.796	ng	99
37) 2-Methylnaphthalene	12.28	142	1259224	11.983	ng	100
38) 1-Methylnaphthalene	12.50	142	1182866	11.822	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	613881	13.183	ng	99

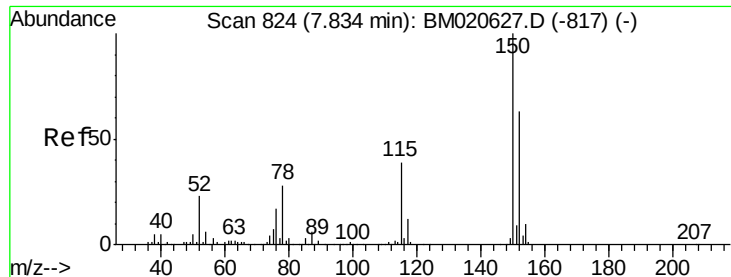
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020666.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	744815	26.743	ng	100
43) 2,4,6-Trichlorophenol	12.89	196	368041	12.278	ng	99
44) 2,4,5-Trichlorophenol	12.96	196	389557	12.588	ng	98
46) 1,1'-Biphenyl	13.30	154	1547553	13.040	ng	99
47) 2-Chloronaphthalene	13.34	162	1176804	12.286	ng	99
48) 2-Nitroaniline	13.54	65	321720	10.702	ng	97
49) Acenaphthylene	14.19	152	1823627	12.202	ng	99
50) Dimethylphthalate	13.93	163	1322435	10.893	ng	99
51) 2,6-Dinitrotoluene	14.04	165	277843	11.271	ng	91
52) Acenaphthene	14.53	154	1061859	11.922	ng	98
53) 3-Nitroaniline	14.37	138	165114	6.001	ng	97
54) 2,4-Dinitrophenol	14.57	184	204291	24.775	ng	98
55) Dibenzofuran	14.86	168	1620224	11.713	ng	99
56) 4-Nitrophenol	14.67	139	445115	21.953	ng	93
57) 2,4-Dinitrotoluene	14.83	165	359214	10.883	ng	99
58) Fluorene	15.52	166	1285005	11.296	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	311143	11.539	ng	99
60) Diethylphthalate	15.29	149	1286249	10.273	ng	99
61) 4-Chlorophenyl-phenylether	15.51	204	644562	10.702	ng	97
62) 4-Nitroaniline	15.53	138	262575	8.998	ng	98
63) Azobenzene	15.80	77	1282943	10.688	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	125317	17.142	ng	97
66) n-Nitrosodiphenylamine	15.73	169	1065483	12.350	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	361344	11.388	ng	96
68) Hexachlorobenzene	16.51	284	422149	11.393	ng	98
69) Atrazine	16.67	200	316595	12.296	ng	99
70) Pentachlorophenol	16.86	266	446169	25.241	ng	100
71) Phenanthrene	17.25	178	1788876	11.710	ng	99
72) Anthracene	17.34	178	1823260	11.925	ng	99
73) Carbazole	17.62	167	1551492	11.182	ng	100
74) Di-n-butylphthalate	18.18	149	1870650	10.386	ng	100
75) Fluoranthene	19.26	202	1859183	10.944	ng	99
77) Benzidine	19.46	184	797681	11.033	ng	99
78) Pyrene	19.63	202	1908365	10.422	ng	100
80) Butylbenzylphthalate	20.53	149	751514	9.712	ng	99
81) Benzo(a)anthracene	21.37	228	1802228	10.846	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	522655	8.590	ng	99
83) Chrysene	21.42	228	1755356	11.113	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1080282	9.606	ng	98
85) Di-n-octyl phthalate	22.20	149	1817073	10.177	ng	99
86) Indeno(1,2,3-cd)pyrene	26.00	276	2517895	15.582	ng	100
88) Benzo(b)fluoranthene	22.99	252	1995939	10.314	ng	100
89) Benzo(k)fluoranthene	23.03	252	1891438	10.001	ng	100
90) Benzo(a)pyrene	23.57	252	1946801	11.091	ng	100
91) Dibenzo(a,h)anthracene	26.01	278	2097414	12.316	ng	99
92) Benzo(g,h,i)perylene	26.71	276	2070318	13.088	ng	100

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

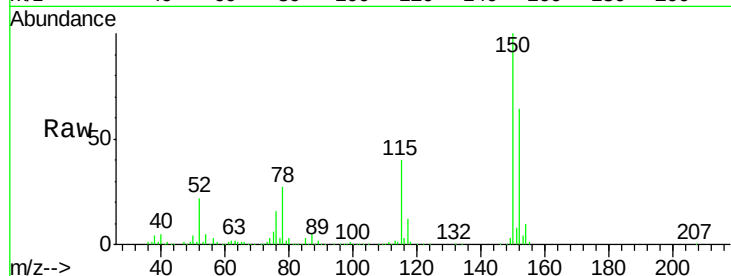


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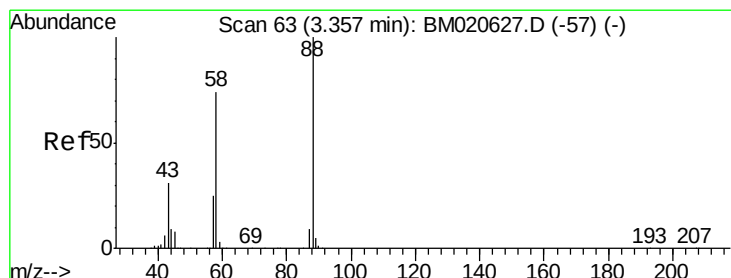
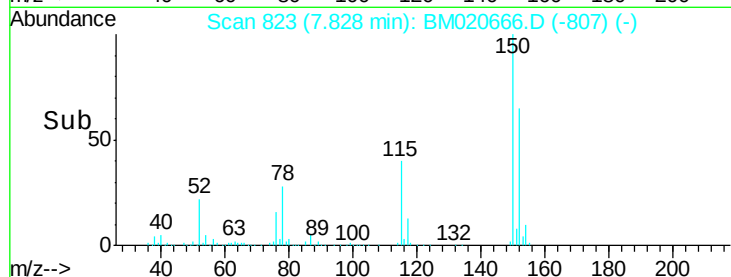
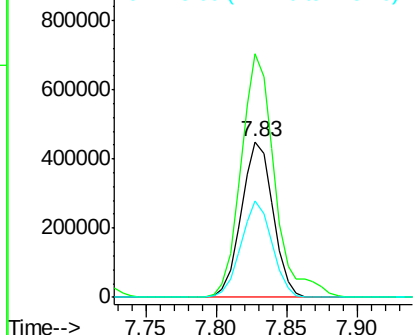
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion:152 Resp: 705492
Ion Ratio Lower Upper
152 100
150 156.2 126.0 189.0
115 62.1 49.6 74.4



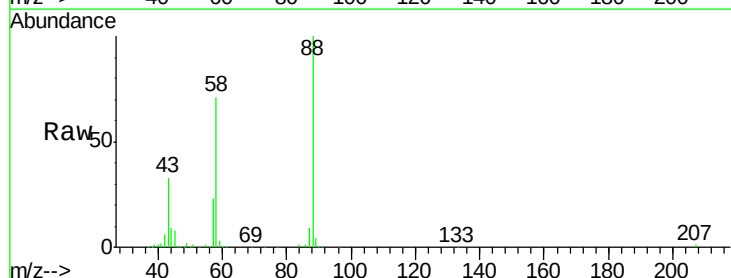
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



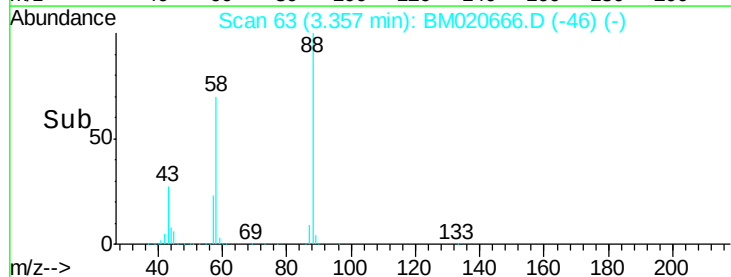
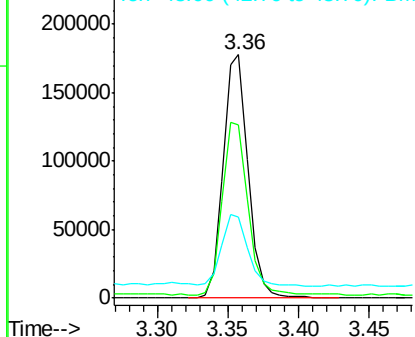
#2

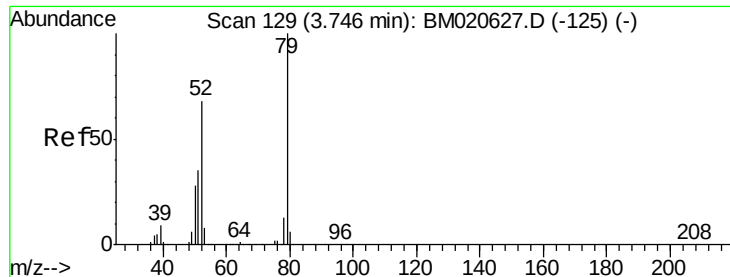
1,4-Dioxane
Concen: 13.258 ng
RT: 3.36 min Scan# 63
Delta R.T. -0.00 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Tgt Ion: 88 Resp: 217704
Ion Ratio Lower Upper
88 100
58 73.2 60.2 90.4
43 30.2 25.3 37.9



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





#3

Pvridine

Concen: 11.532 ng

RT: 3.75 min Scan# 129

Delta R.T. -0.00 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

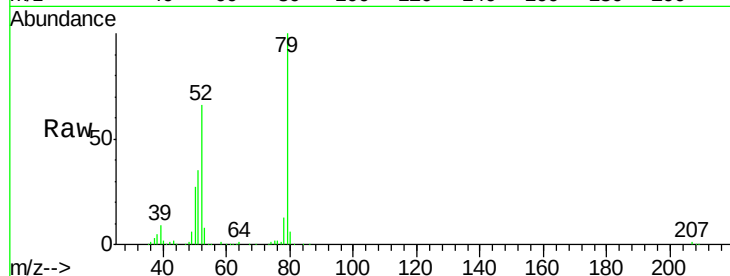
Tot Ion: 79 Resp: 602473

Ion Ratio Lower Upper

79 100

52 65.8 54.1 81.1

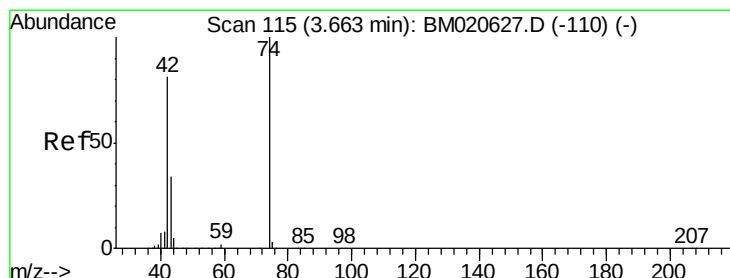
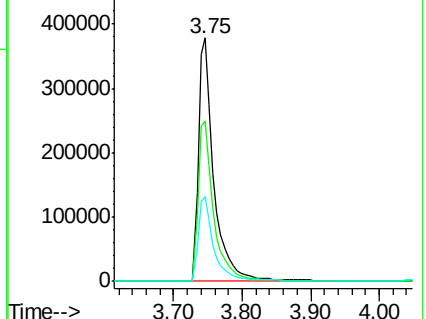
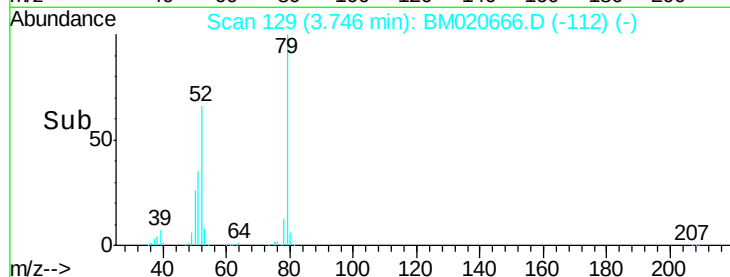
51 34.9 28.6 42.8



Abundance Ion 79.00 (78.70 to 79.70): BM020666.D (-112) (-)

Ion 52.00 (51.70 to 52.70): BM020666.D (-112) (-)

Ion 51.00 (50.70 to 51.70): BM020666.D (-112) (-)



#4

n-Nitrosodimethylamine

Concen: 11.626 ng

RT: 3.66 min Scan# 115

Delta R.T. -0.00 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

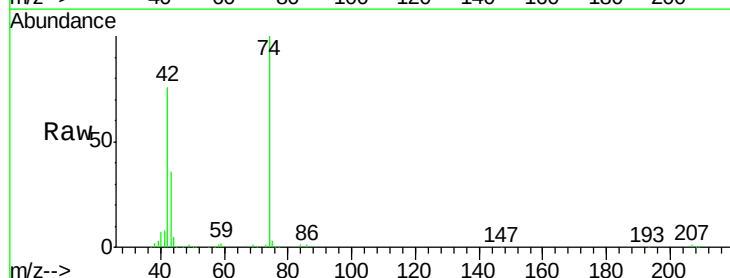
Tgt Ion: 42 Resp: 261826

Ion Ratio Lower Upper

42 100

74 131.7 99.4 149.0

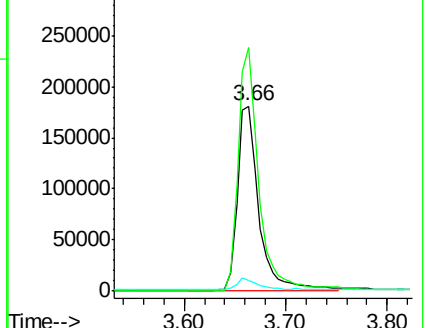
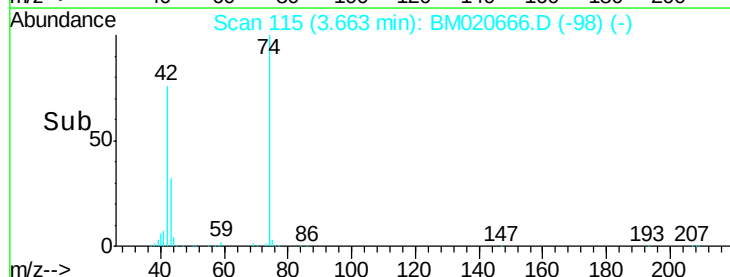
44 6.0 5.8 8.8

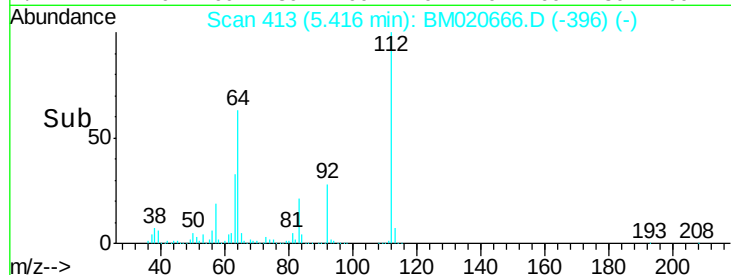
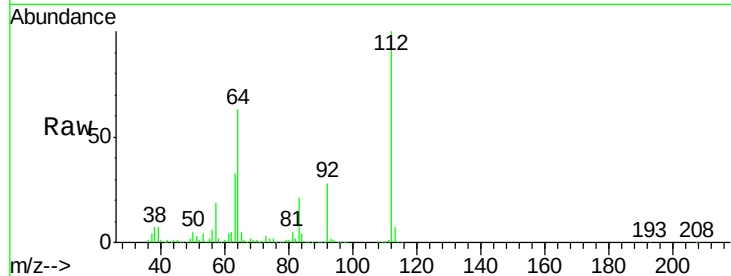
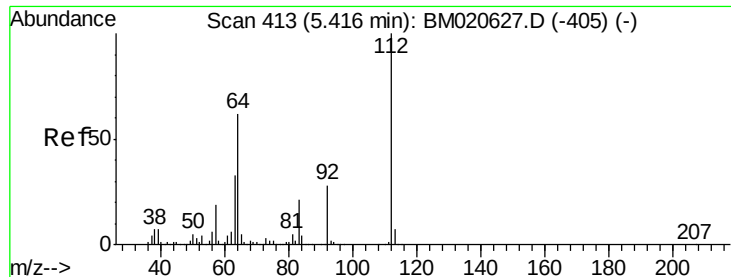


Abundance Ion 42.00 (41.70 to 42.70): BM020666.D (-98) (-)

Ion 74.00 (73.70 to 74.70): BM020666.D (-98) (-)

Ion 44.00 (43.70 to 44.70): BM020666.D (-98) (-)





#5

2-Fluorophenol

Concen: 133.880 ng

RT: 5.42 min Scan# 413

Delta R.T. -0.00 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

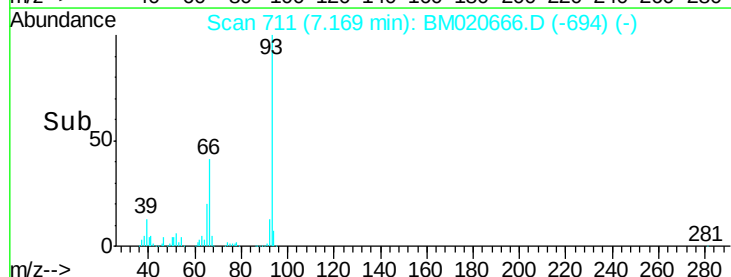
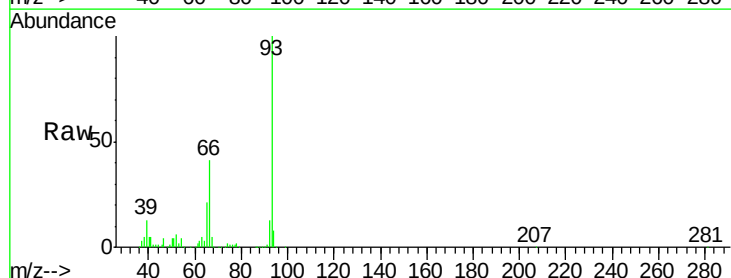
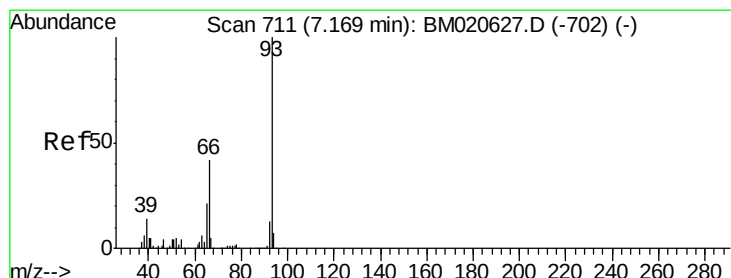
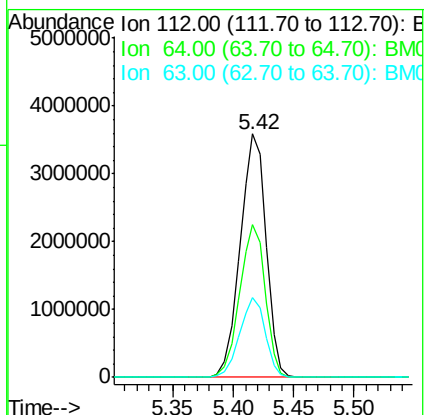
Tot Ion:112 Resp: 5369417

Ion Ratio Lower Upper

112 100

64 62.7 49.7 74.5

63 32.8 26.4 39.6



#6

Aniline

Concen: 8.275 ng

RT: 7.17 min Scan# 711

Delta R.T. -0.00 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

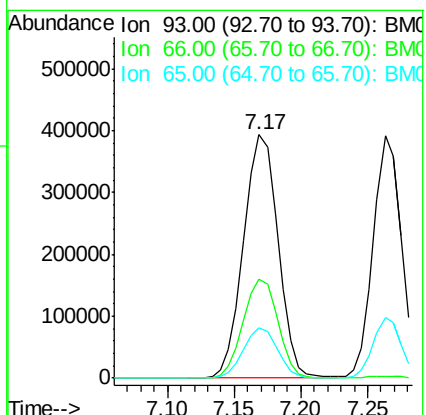
Tgt Ion: 93 Resp: 707091

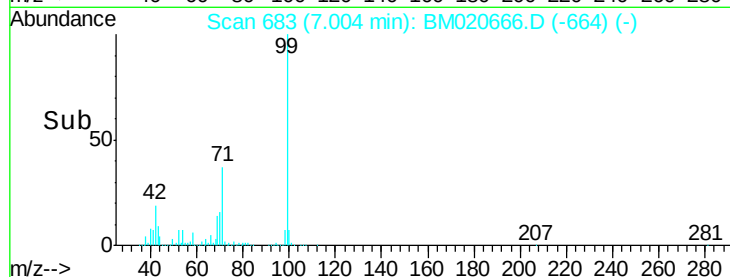
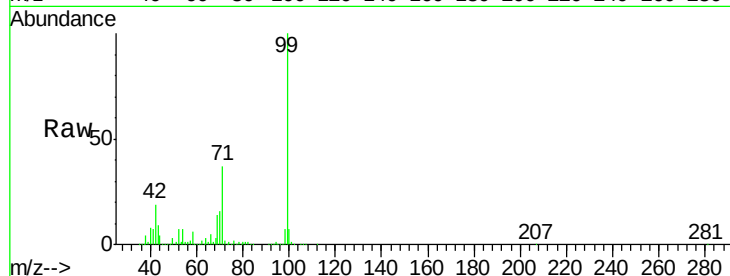
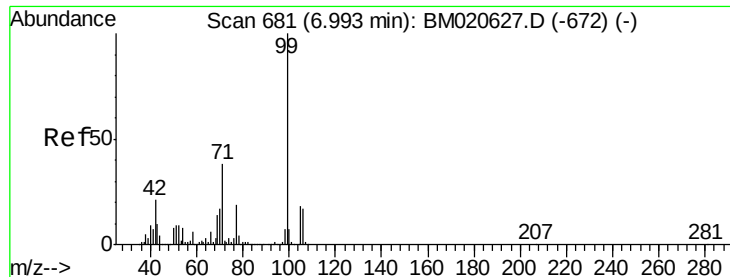
Ion Ratio Lower Upper

93 100

66 40.8 33.6 50.4

65 20.6 16.7 25.1





#7

Phenol-d6

Concen: 118.703 ng

RT: 7.00 min Scan# 683

Delta R.T. 0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

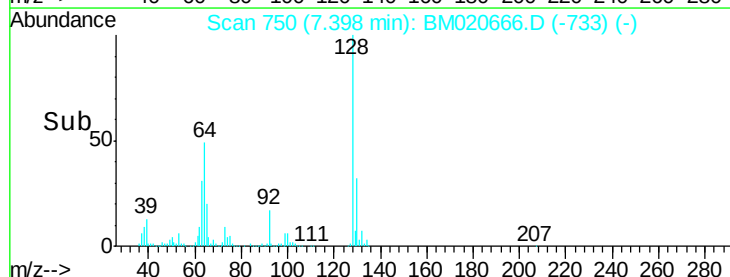
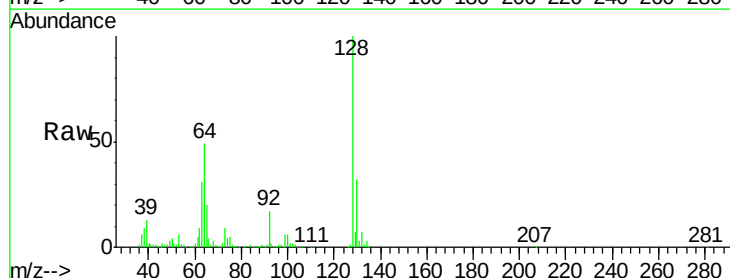
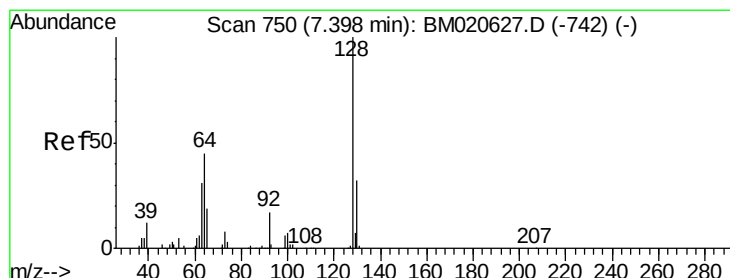
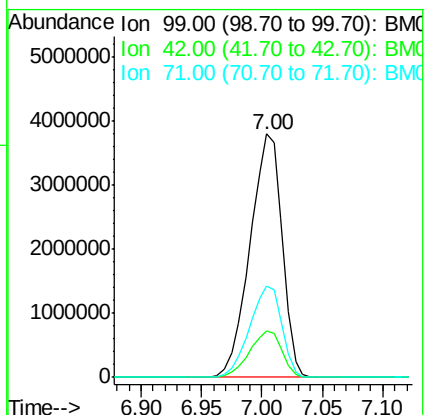
Tot Ion: 99 Resp: 7009941

Ion Ratio Lower Upper

99 100

42 19.1 16.5 24.7

71 37.4 30.7 46.1



#8

2-Chlorophenol

Concen: 12.062 ng

RT: 7.40 min Scan# 750

Delta R.T. -0.00 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

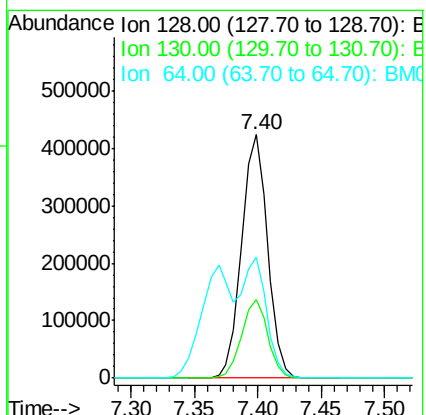
Tgt Ion: 128 Resp: 601812

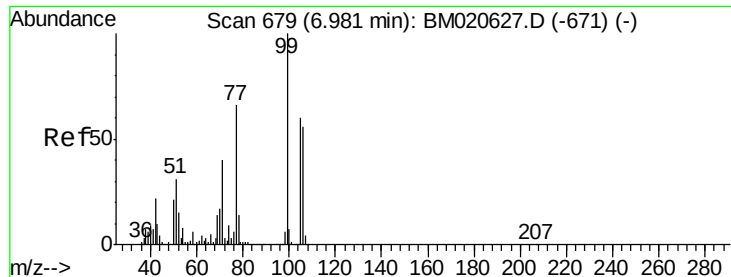
Ion Ratio Lower Upper

128 100

130 32.2 12.2 52.2

64 49.3 29.1 69.1





#9

Benzaldehyde

Concen: 2.896 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

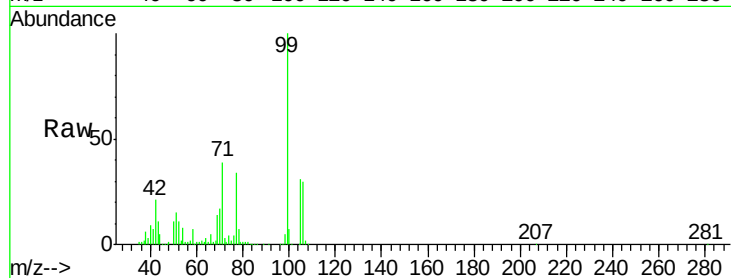
Tot Ion: 77 Resp: 219881

Ion Ratio Lower Upper

77 100

105 91.8 70.6 110.6

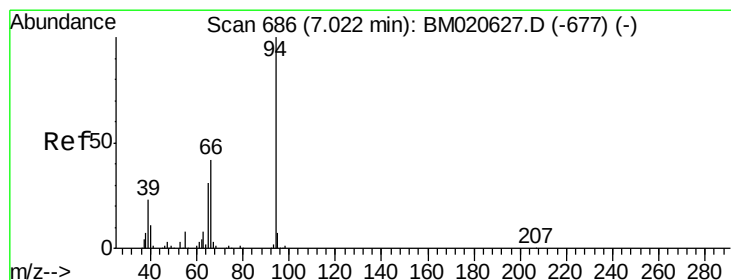
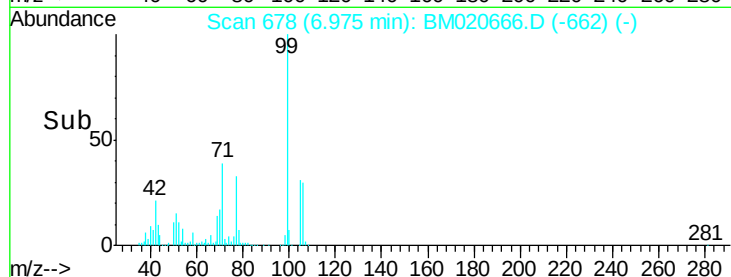
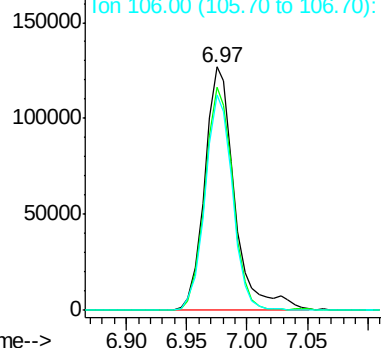
106 88.4 64.9 104.9



Abundance Ion 77.00 (76.70 to 77.70): BM020666.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM020666.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM020666.D (-662) (-)



#10

Phenol

Concen: 11.622 ng

RT: 7.03 min Scan# 687

Delta R.T. 0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

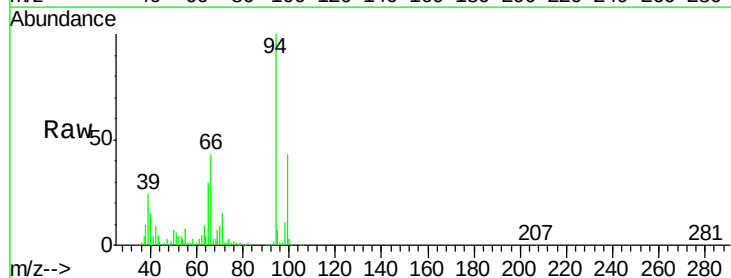
Tgt Ion: 94 Resp: 739633

Ion Ratio Lower Upper

94 100

65 30.5 10.7 50.7

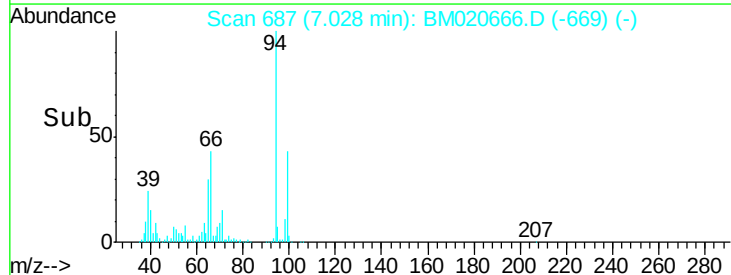
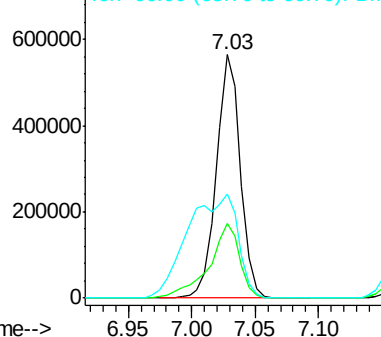
66 42.8 22.3 62.3

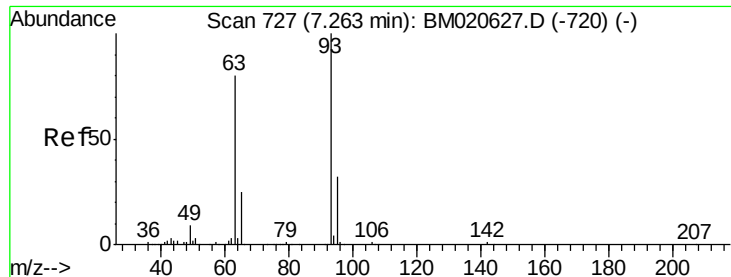


Abundance Ion 94.00 (93.70 to 94.70): BM020666.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020666.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020666.D (-669) (-)

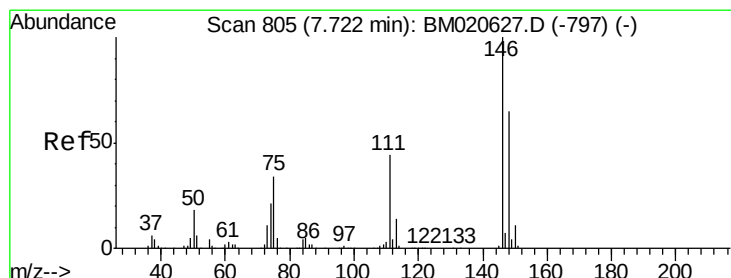
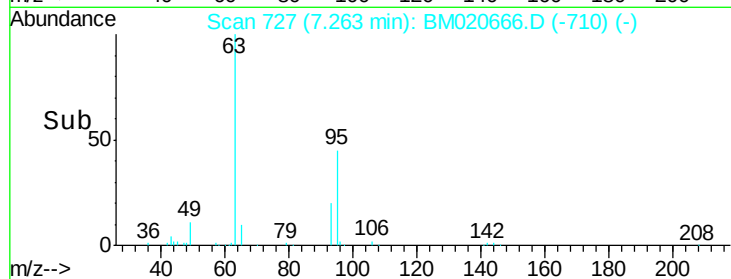
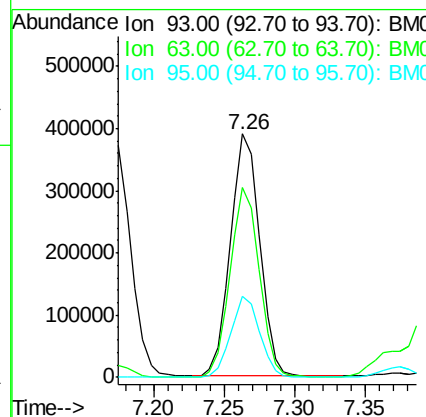
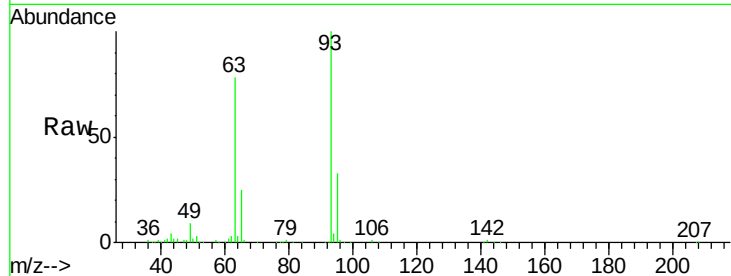




#11
bis(2-Chloroethyl)ether
Concen: 11.093 ng
RT: 7.26 min Scan# 727
Delta R.T. -0.00 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

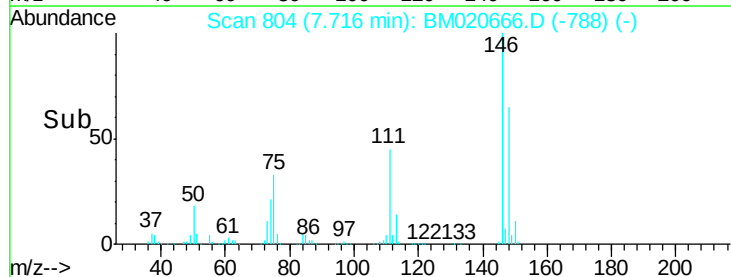
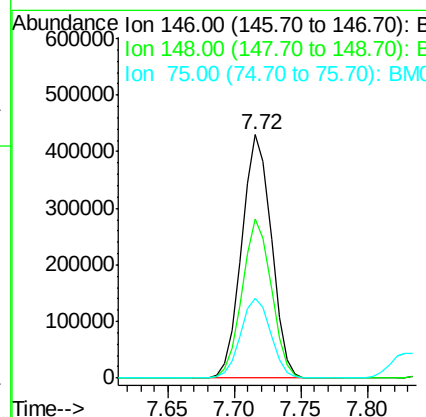
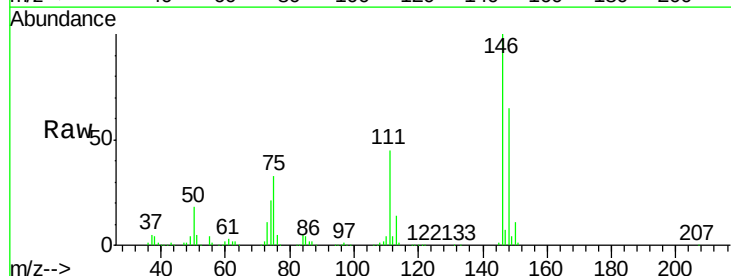
Instrument :
BNA_M
ClientSampleId :
PB120172BS

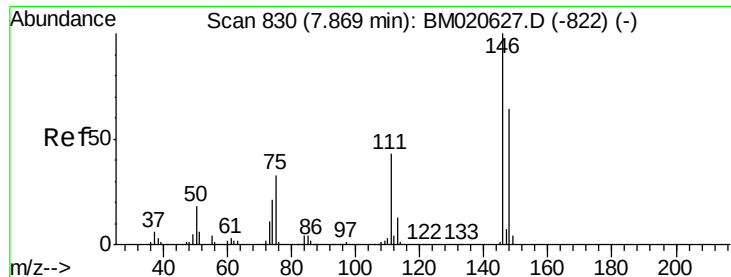
Tot Ion	93	Resp	562607
Ion	Ratio	Lower	Upper
93	100		
63	78.2	60.0	100.0
95	33.1	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 11.536 ng
RT: 7.72 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Tgt Ion	146	Resp	661488
Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.0	78.0
75	33.0	27.0	40.4

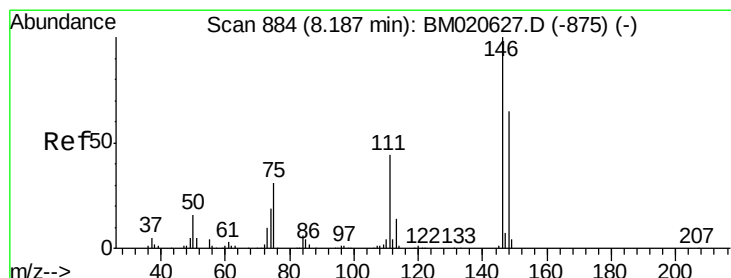
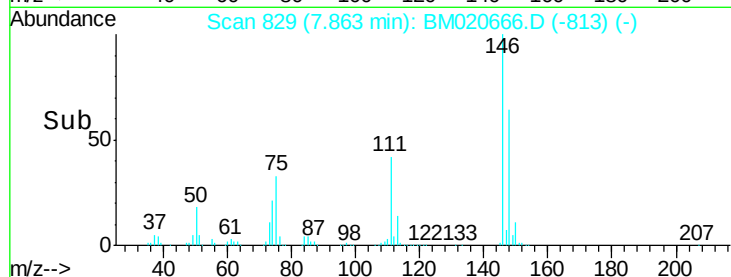
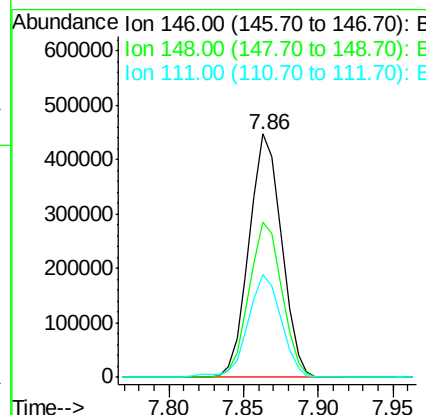
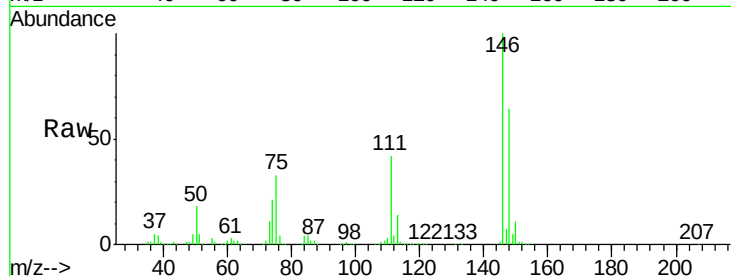




#13
 1,4-Dichlorobenzene
 Concen: 11.543 ng
 RT: 7.86 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BM020666.D
 Acq: 03 Jun 2019 12:16

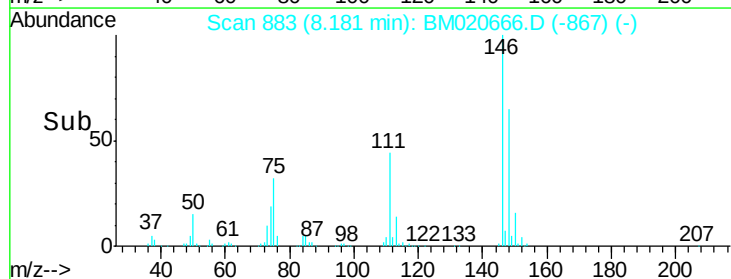
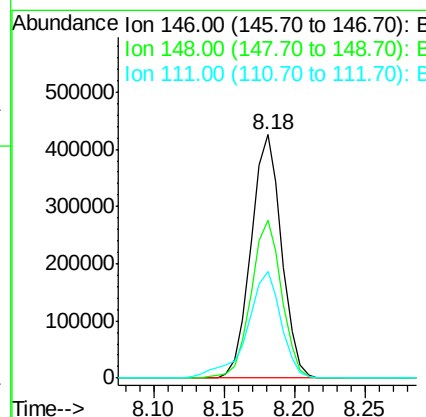
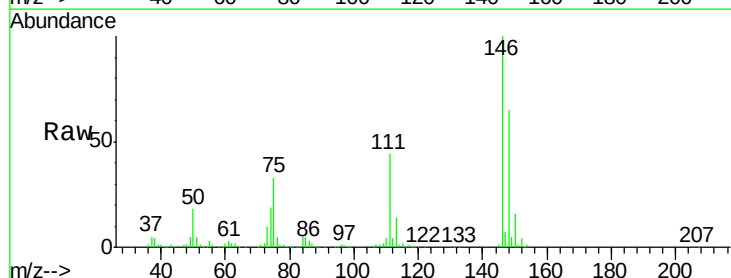
Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

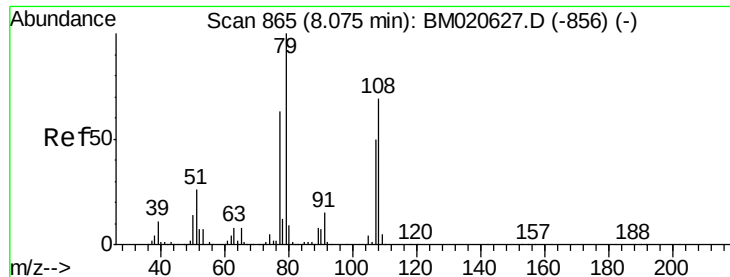
Tot Ion:146 Resp: 672861
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.4
 111 42.4 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 11.369 ng
 RT: 8.18 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BM020666.D
 Acq: 03 Jun 2019 12:16

Tgt Ion:146 Resp: 644941
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.8 77.8
 111 44.0 35.1 52.7





#15

Benzyl Alcohol

Concen: 10.468 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

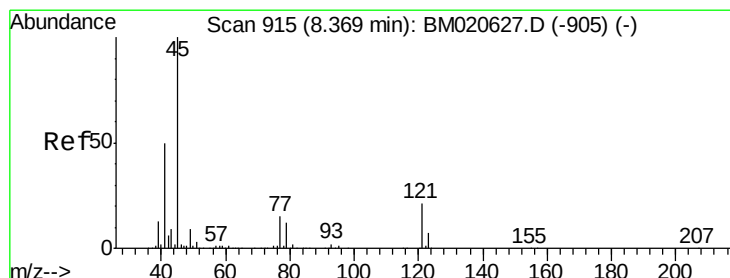
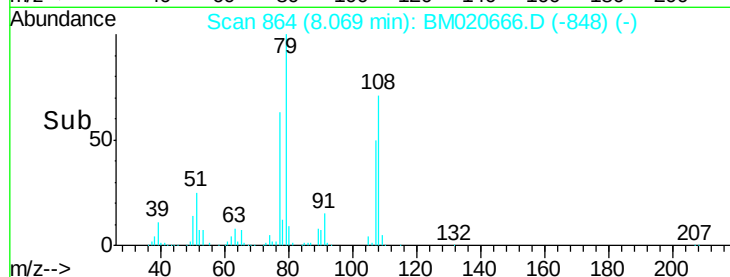
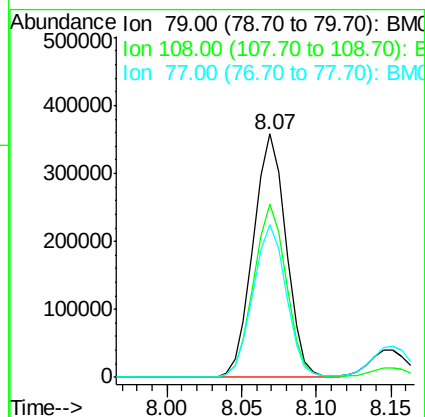
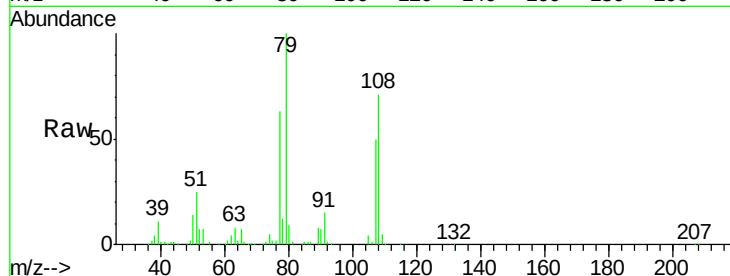
Tot Ion: 79 Resp: 546877

Ion Ratio Lower Upper

79 100

108 70.9 54.9 82.3

77 62.6 50.2 75.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.122 ng

RT: 8.35 min Scan# 912

Delta R.T. -0.02 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

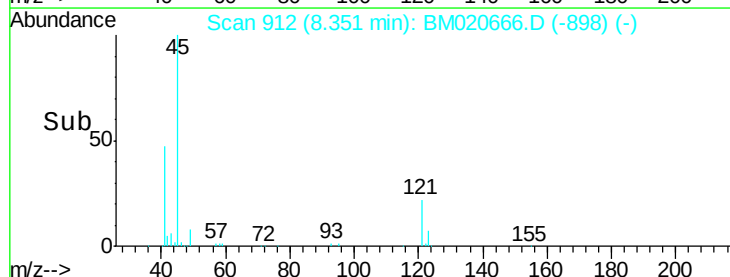
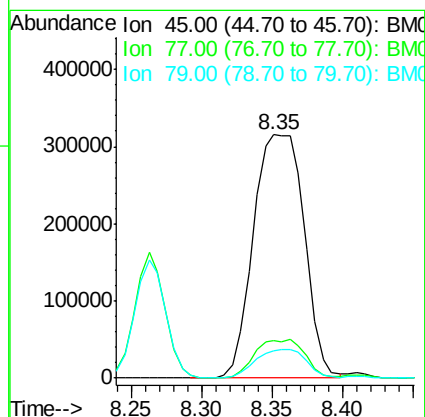
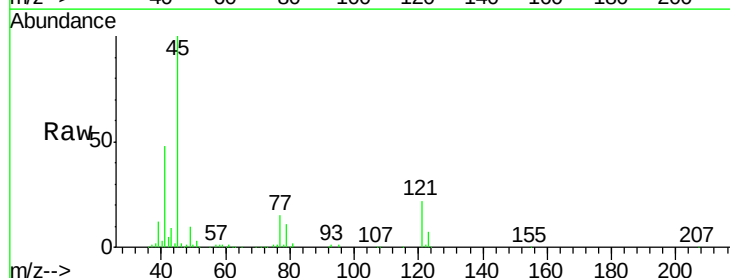
Tgt Ion: 45 Resp: 792568

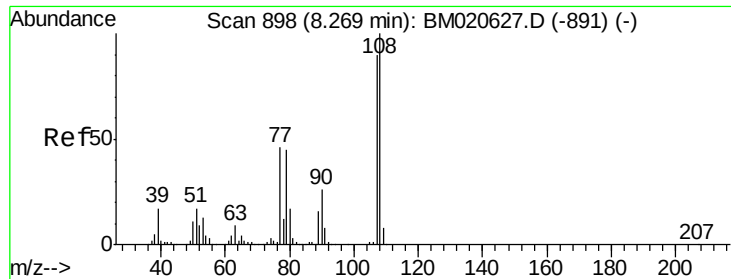
Ion Ratio Lower Upper

45 100

77 15.2 0.0 34.9

79 11.3 0.0 31.8





#17

2-Methylphenol

Concen: 10.955 ng

RT: 8.26 min Scan# 897

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tot Ion:107 Resp: 490270

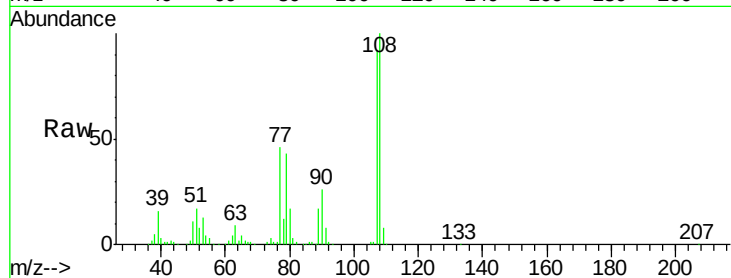
Ion Ratio Lower Upper

107 100

108 108.9 88.6 133.0

77 49.8 40.6 61.0

79 47.0 39.9 59.9



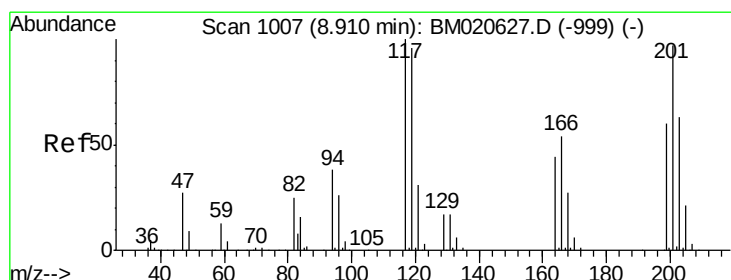
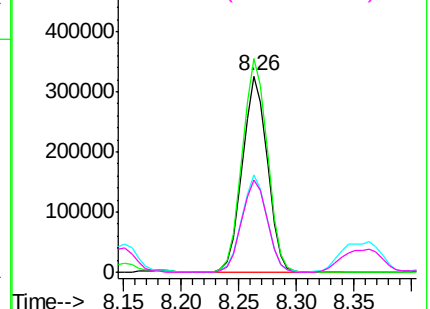
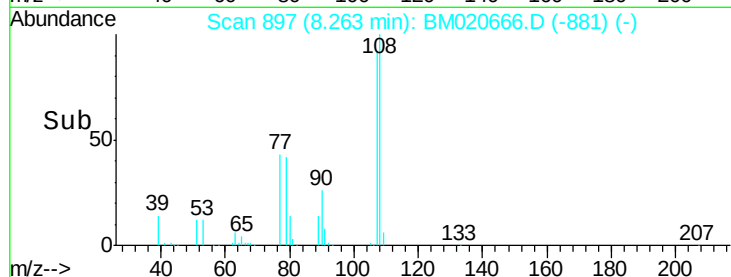
Abundance

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): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 11.040 ng

RT: 8.90 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

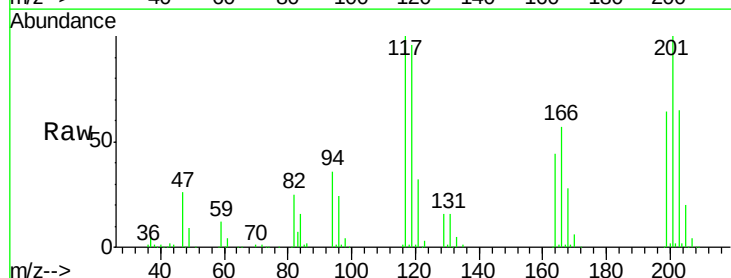
Tgt Ion:117 Resp: 246400

Ion Ratio Lower Upper

117 100

119 96.1 76.7 115.1

201 99.8 77.9 116.9

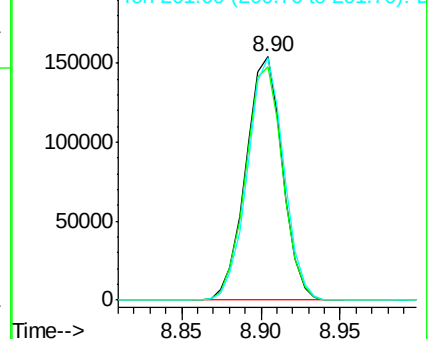
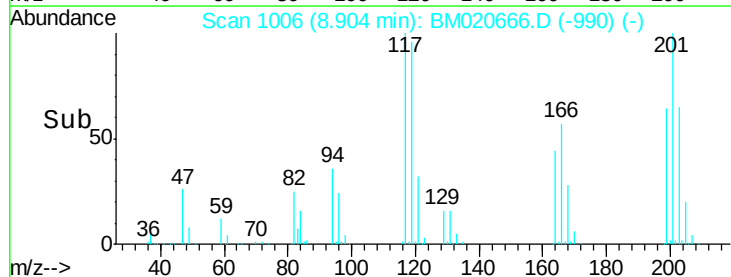


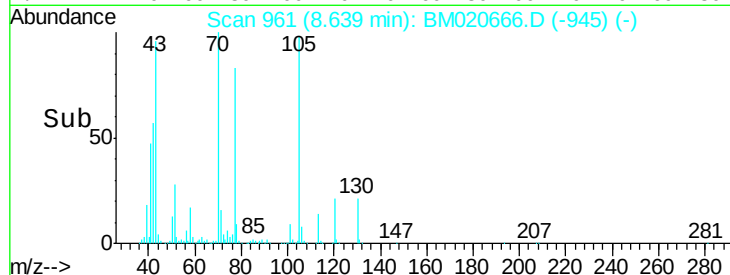
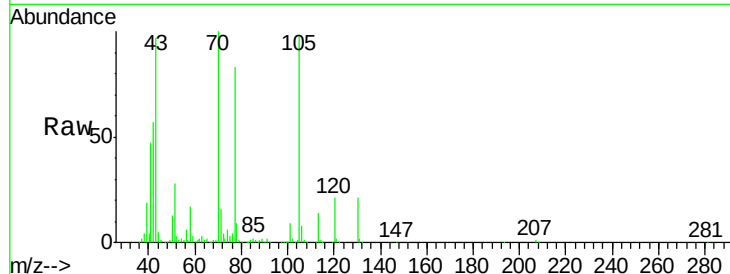
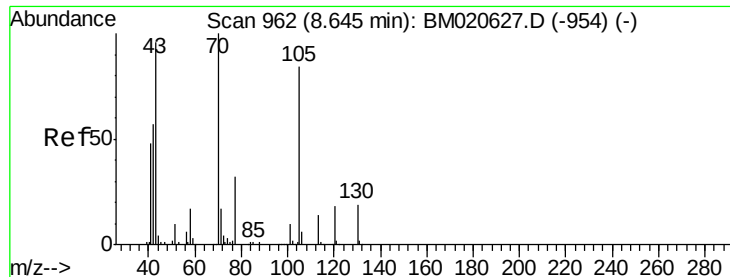
Abundance

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

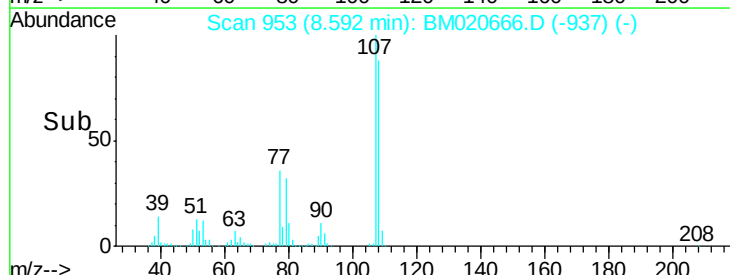
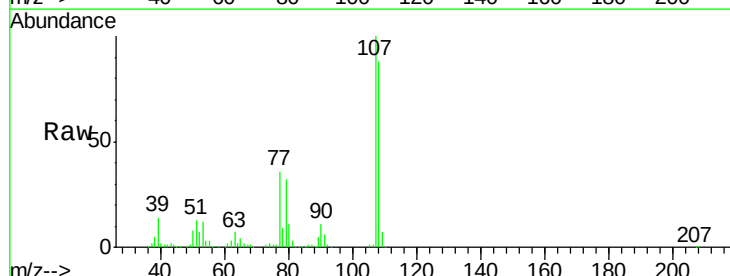
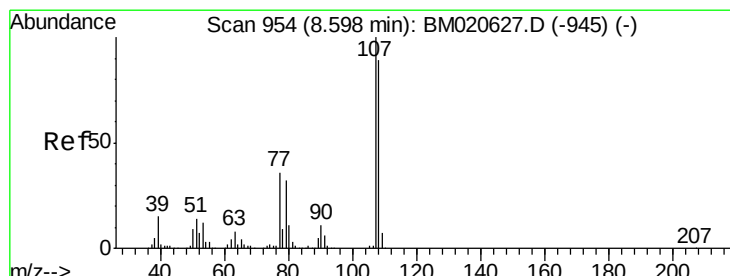
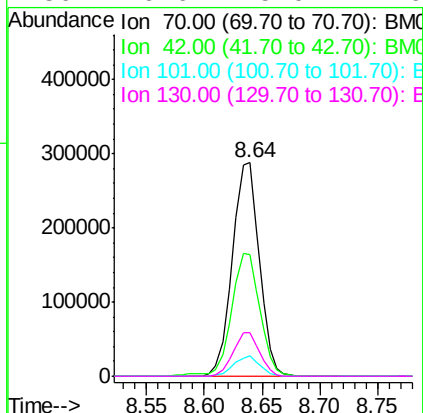




#19
n-Nitroso-di-n-propylamine
Concen: 9.828 ng
RT: 8.64 min Scan# 961
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

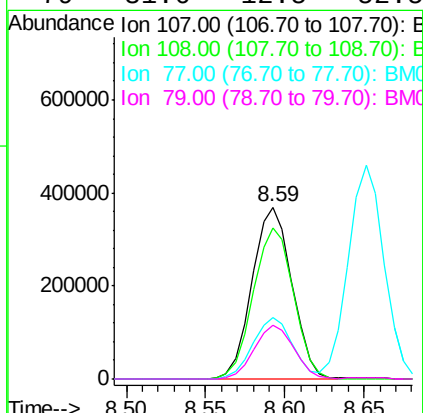
Instrument :
BNA_M
ClientSampleId :
PB120172BS

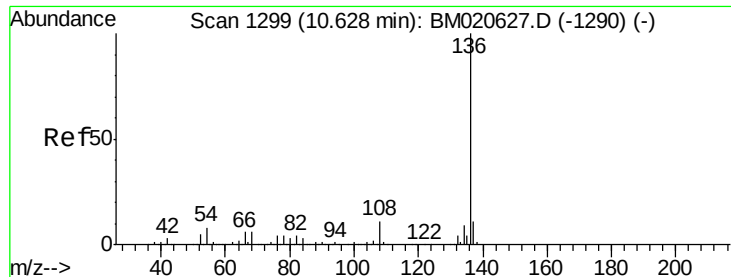
Tot Ion:	70	Resp:	466544
Ion	Ratio	Lower	Upper
70	100		
42	57.0	46.8	70.2
101	9.5	7.8	11.6
130	20.6	15.0	22.6



#20
3+4-Methylphenols
Concen: 10.597 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Tgt Ion:	107	Resp:	645235
Ion	Ratio	Lower	Upper
107	100		
108	88.0	69.2	109.2
77	35.6	16.2	56.2
79	31.6	12.5	52.5

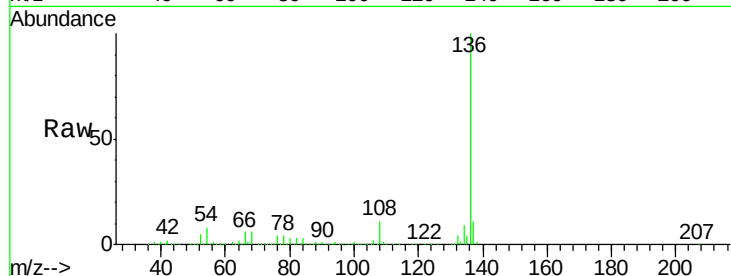




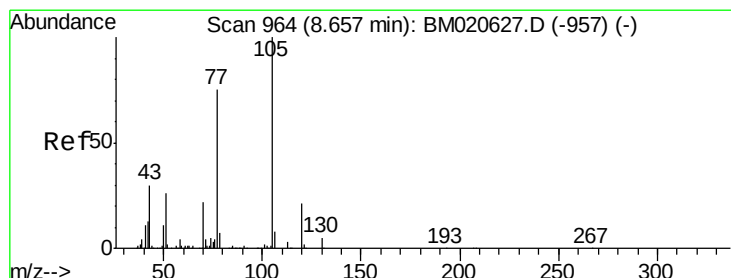
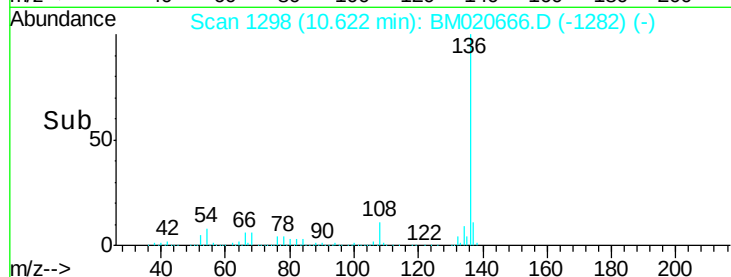
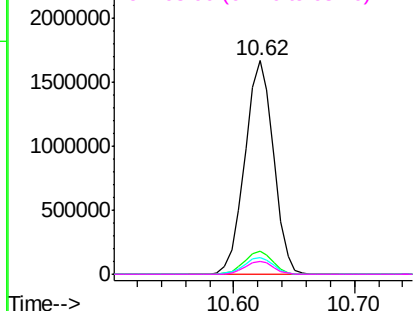
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion:136 Resp: 2756928
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.8 6.6 10.0
68 6.1 5.1 7.7

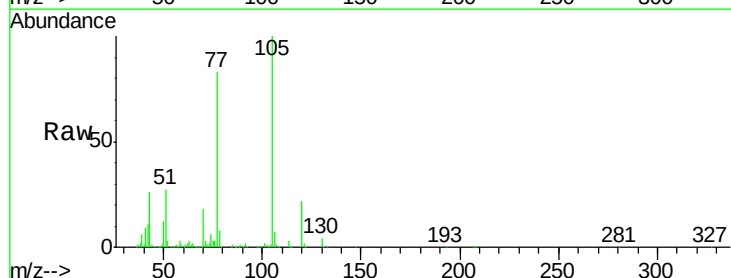


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

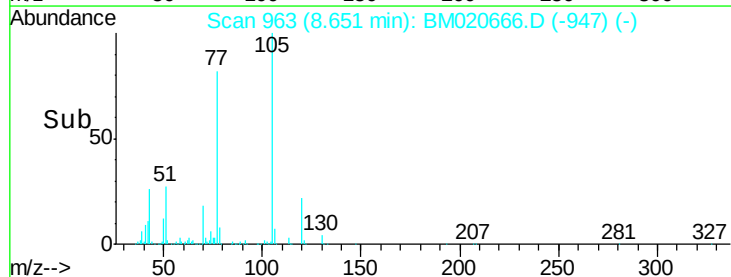
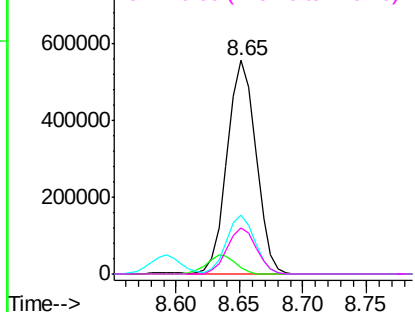


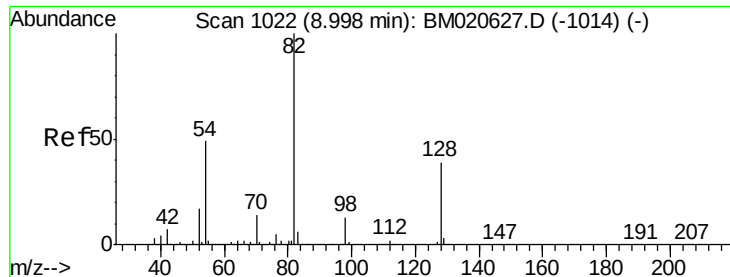
#22
Acetophenone
Concen: 12.474 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Tgt Ion:105 Resp: 873635
Ion Ratio Lower Upper
105 100
71 2.9 3.2 4.8#
51 27.4 22.8 34.2
120 21.6 17.0 25.4



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



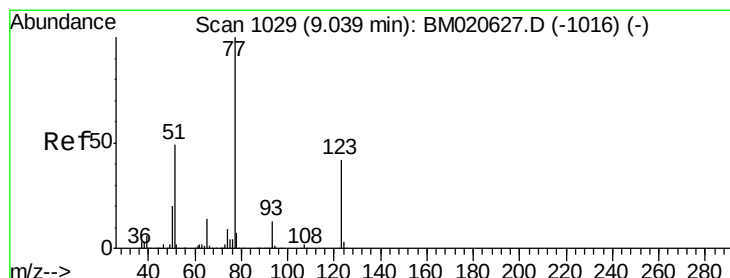
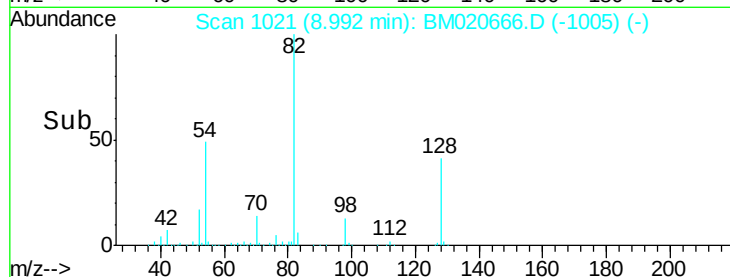
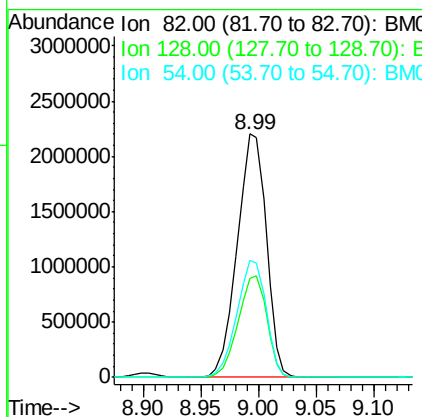
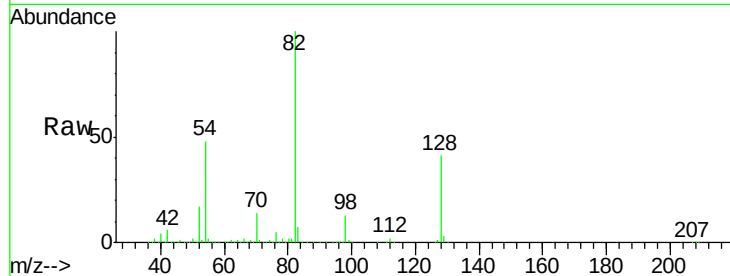


#23
 Nitrobenzene-d5
 Concen: 72.466 ng
 RT: 8.99 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BM020666.D
 Acq: 03 Jun 2019 12:16

Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

Tot Ion: 82 Resp: 3855961

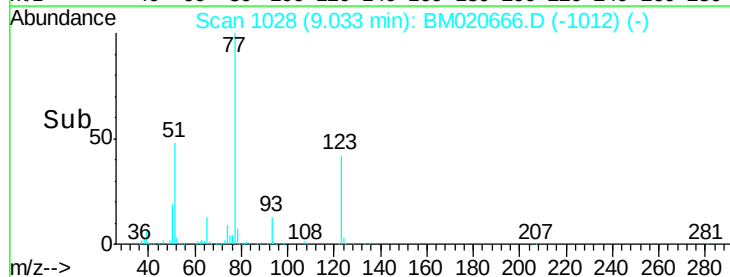
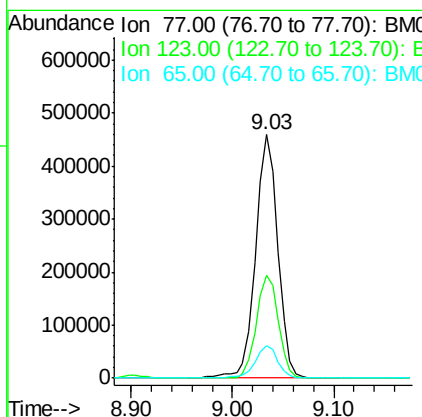
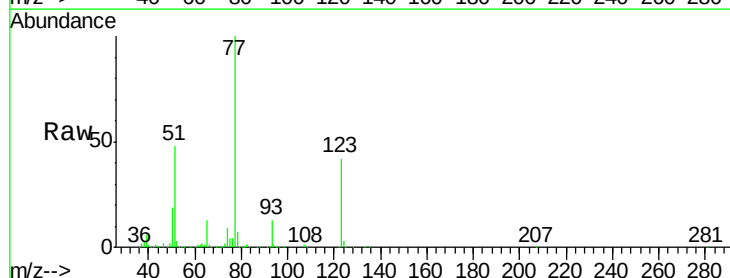
Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.5	47.3
54	48.0	39.4	59.0

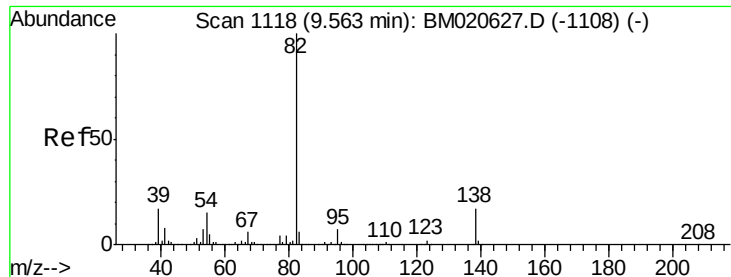


#24
 Nitrobenzene
 Concen: 12.826 ng
 RT: 9.03 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BM020666.D
 Acq: 03 Jun 2019 12:16

Tgt Ion: 77 Resp: 696726

Ion	Ratio	Lower	Upper
77	100		
123	42.2	33.7	50.5
65	13.4	11.0	16.6





#25

Isophorone

Concen: 11.351 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

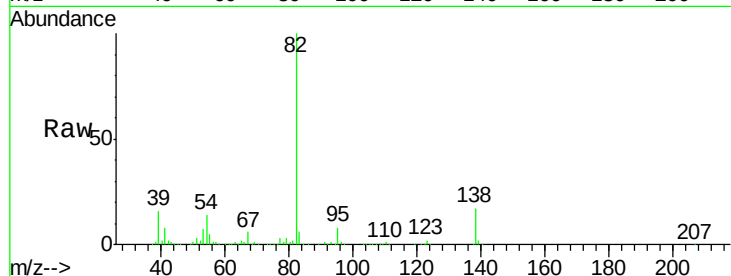
Tot Ion: 82 Resp: 1201497

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

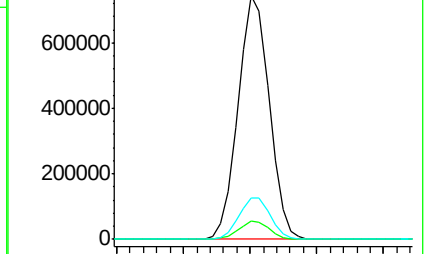
138 17.2 13.8 20.8



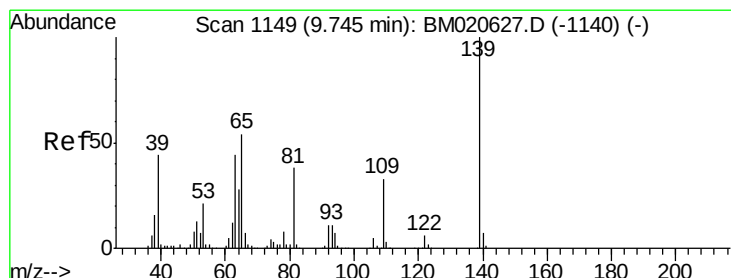
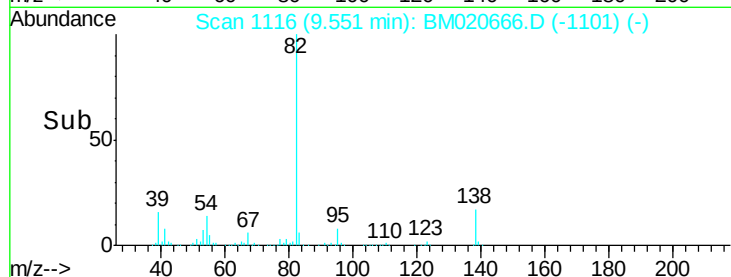
Abundance Ion 82.00 (81.70 to 82.70): BM020666.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM020666.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM020666.D (-1116) (-)



Time--> 9.45 9.50 9.55 9.60 9.65



#26

2-Nitrophenol

Concen: 13.645 ng

RT: 9.74 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

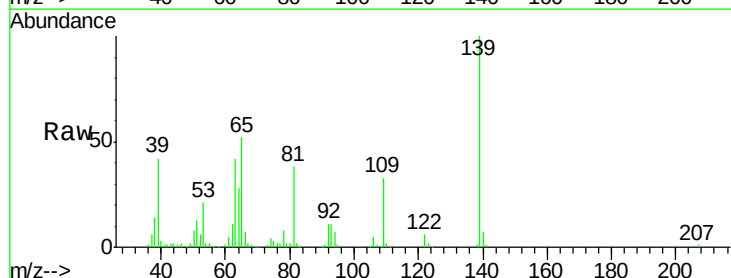
Tgt Ion: 139 Resp: 276249

Ion Ratio Lower Upper

139 100

109 32.7 26.1 39.1

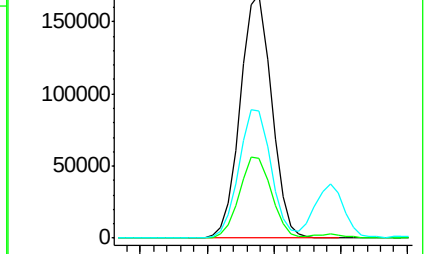
65 52.0 43.4 65.0



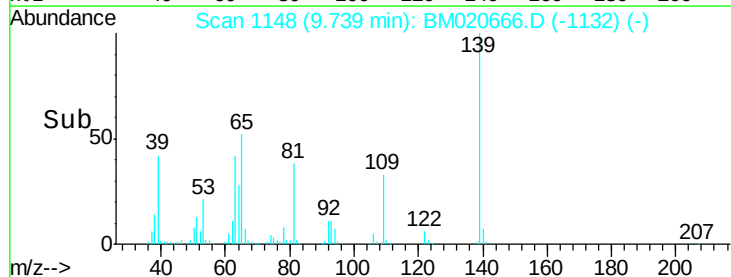
Abundance Ion 139.00 (138.70 to 139.70): BM020666.D (-1148) (-)

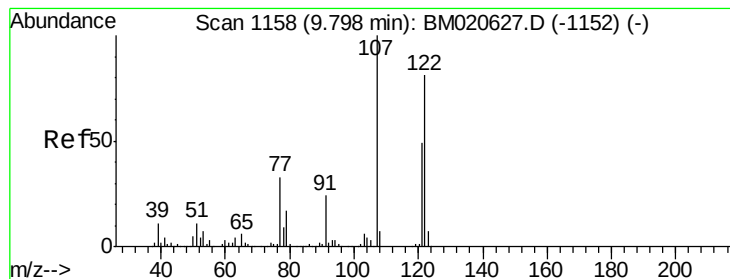
Ion 109.00 (108.70 to 109.70): BM020666.D (-1148) (-)

Ion 65.00 (64.70 to 65.70): BM020666.D (-1148) (-)



Time--> 9.65 9.70 9.75 9.80





#27

2,4-Dimethylphenol

Concen: 13.708 ng

RT: 9.79 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampled :

PB120172BS

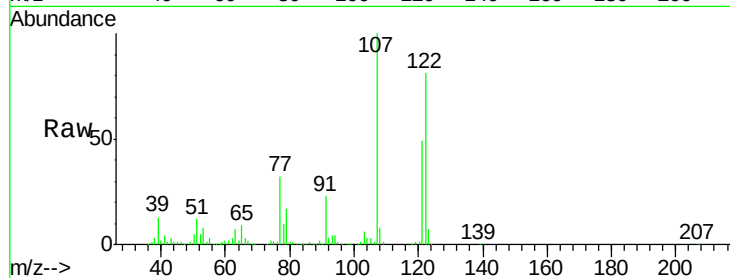
Tot Ion:122 Resp: 520011

Ion Ratio Lower Upper

122 100

107 123.7 98.0 147.0

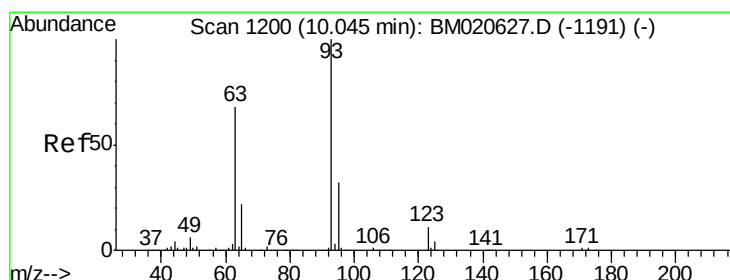
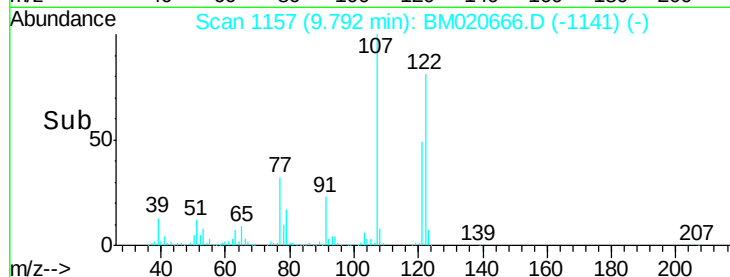
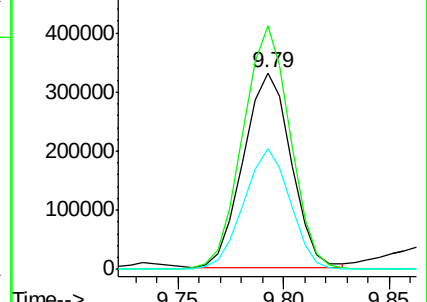
121 61.1 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 11.367 ng

RT: 10.04 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

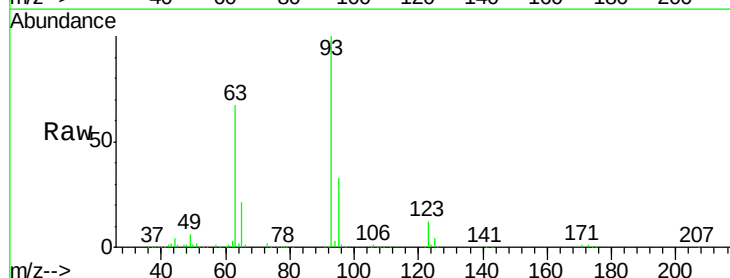
Tgt Ion: 93 Resp: 727451

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

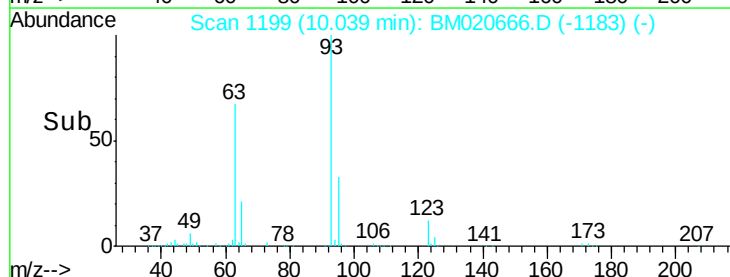
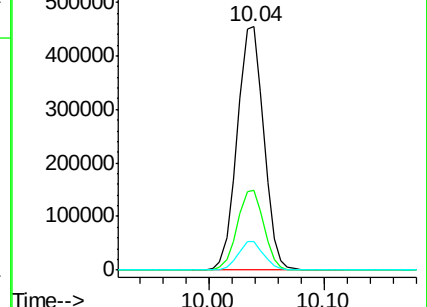
123 11.6 9.0 13.6

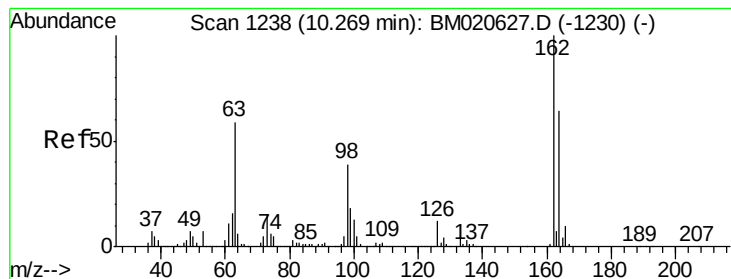


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 12.258 ng

RT: 10.26 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

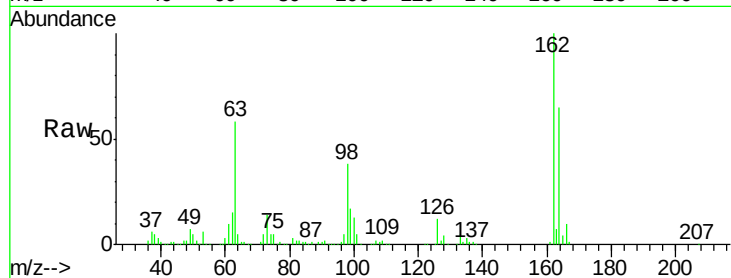
Tot Ion:162 Resp: 514490

Ion Ratio Lower Upper

162 100

164 65.0 43.8 83.8

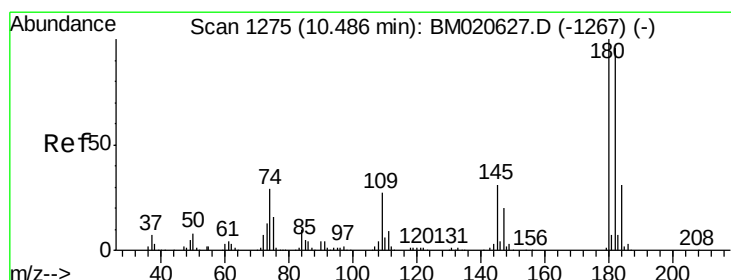
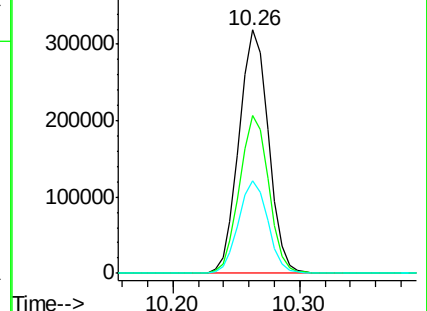
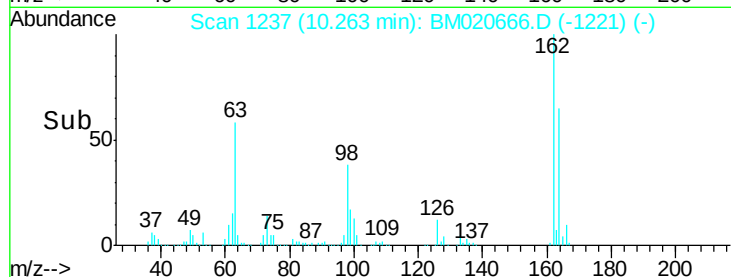
98 38.0 19.1 59.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 12.417 ng

RT: 10.48 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

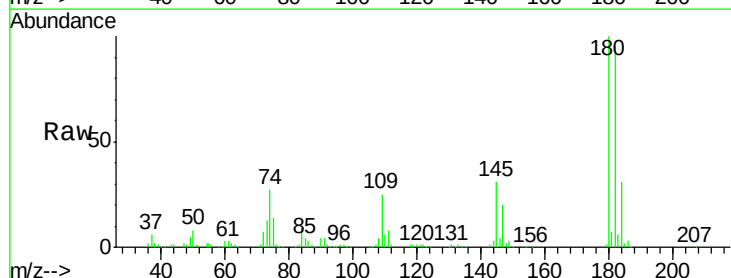
Tgt Ion:180 Resp: 599271

Ion Ratio Lower Upper

180 100

182 95.3 77.0 115.6

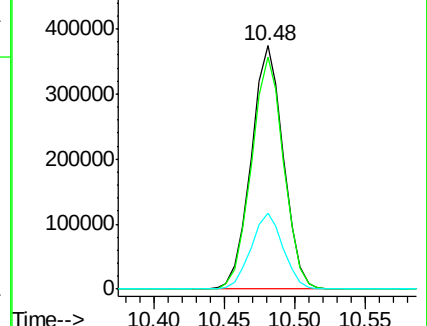
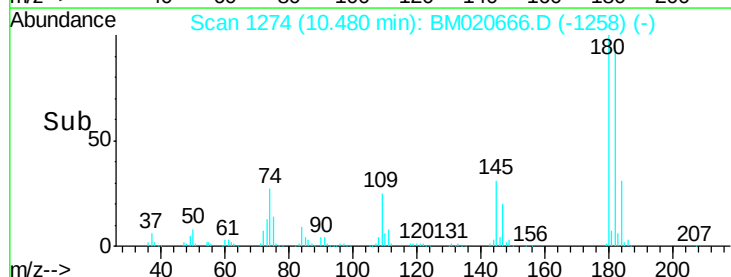
145 31.0 25.0 37.4

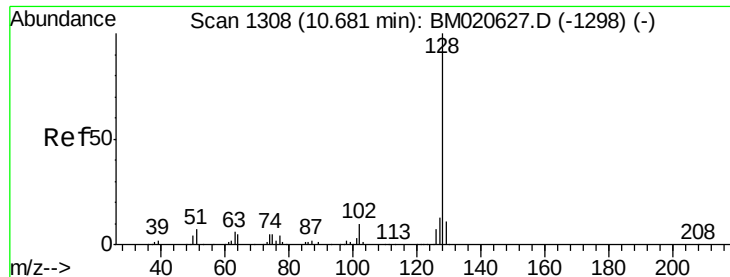


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

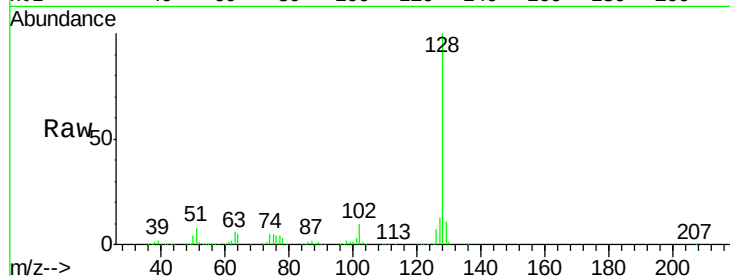




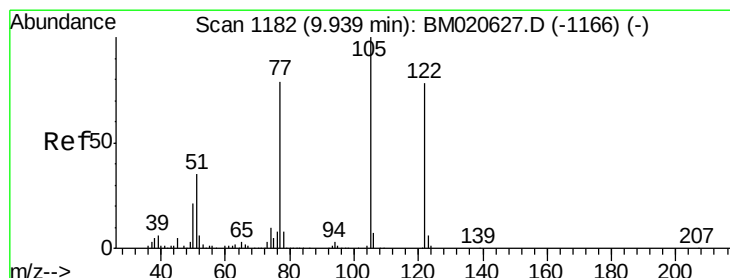
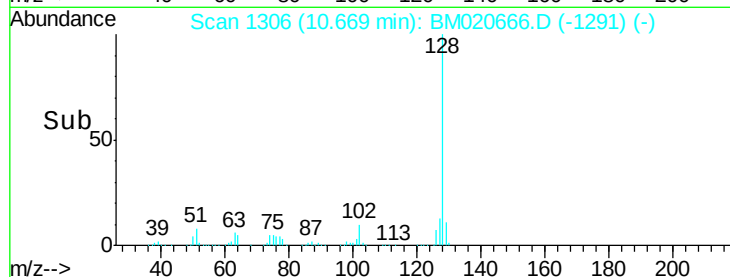
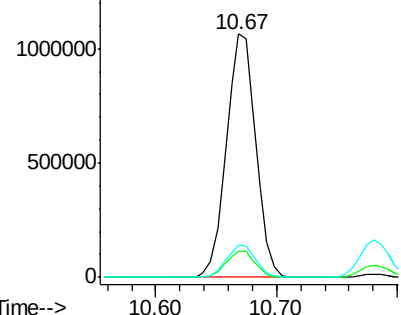
#31
Naphthalene
Concen: 12.689 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion:128 Resp: 1798873
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.2 10.3 15.5

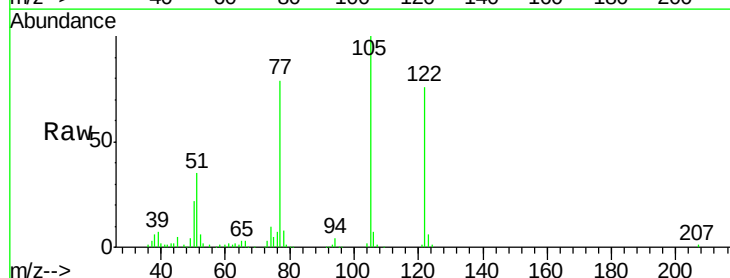


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

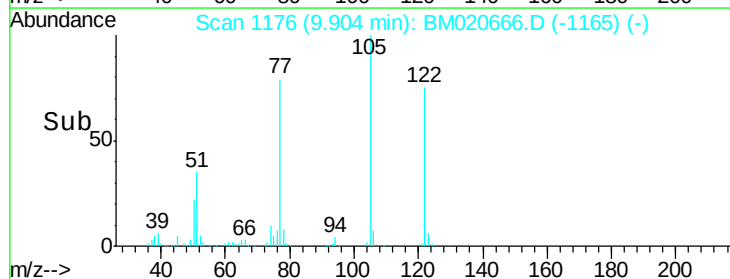
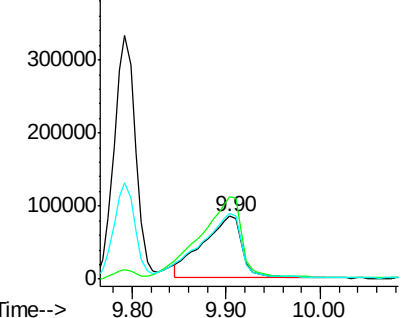


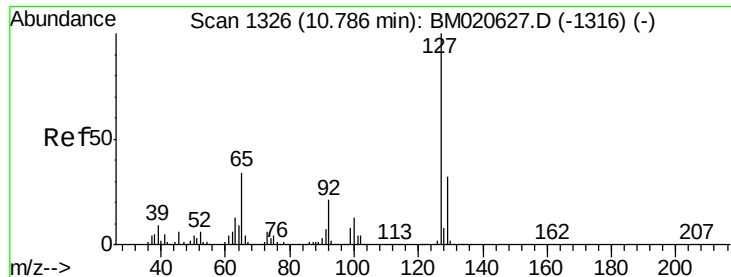
#32
Benzoic acid
Concen: 14.468 ng
RT: 9.90 min Scan# 1176
Delta R.T. -0.04 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Tgt Ion:122 Resp: 249556
Ion Ratio Lower Upper
122 100
105 131.8 107.0 147.0
77 104.6 80.9 120.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

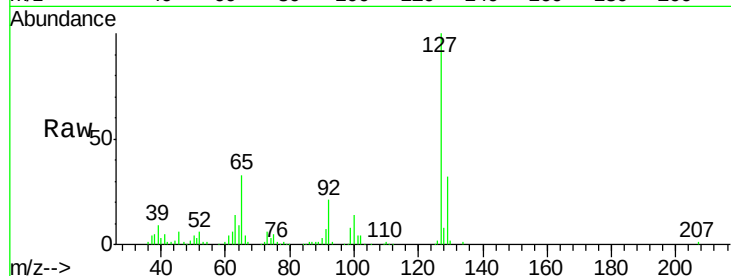




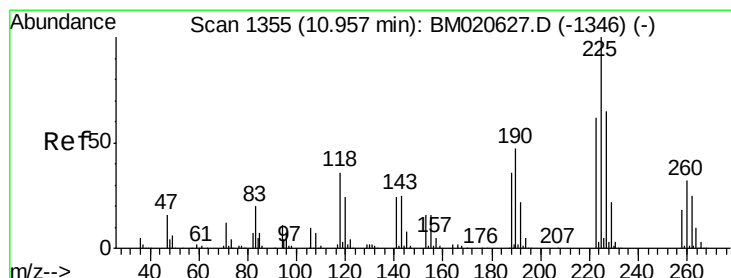
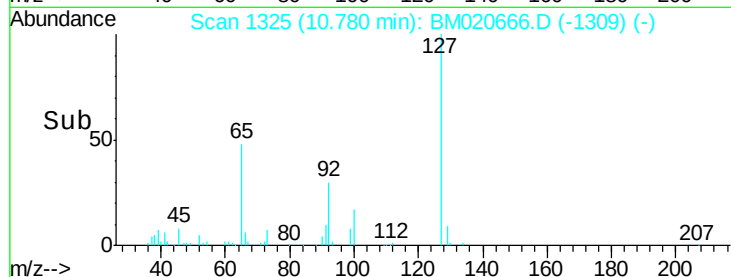
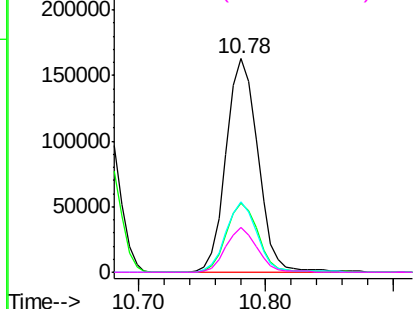
#33
4-Chloroaniline
Concen: 4.305 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion:	127	Resp:	284025
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	33.0	27.4	41.0
92	20.7	17.0	25.6

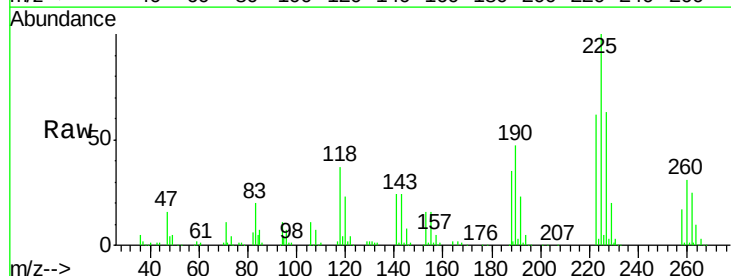


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

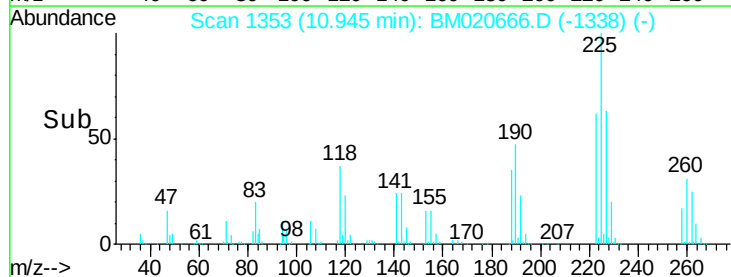
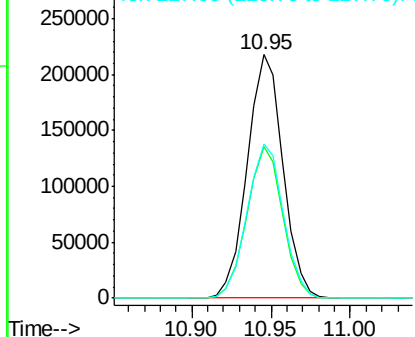


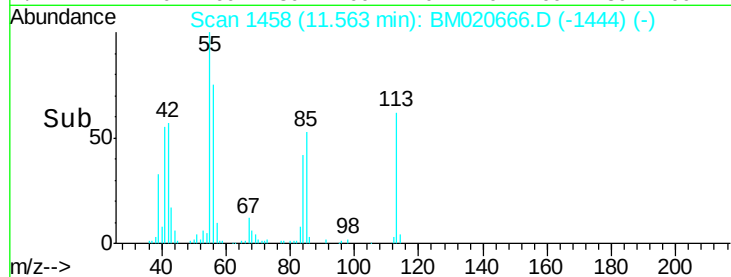
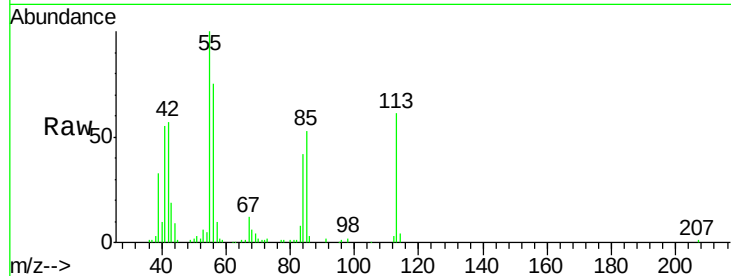
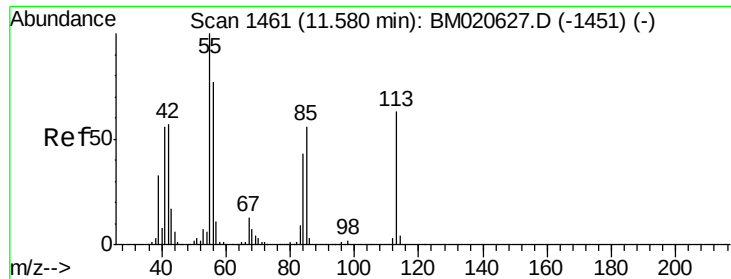
#34
Hexachlorobutadiene
Concen: 11.781 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Tgt Ion:	225	Resp:	341154
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	63.1	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 9.740 ng

RT: 11.56 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

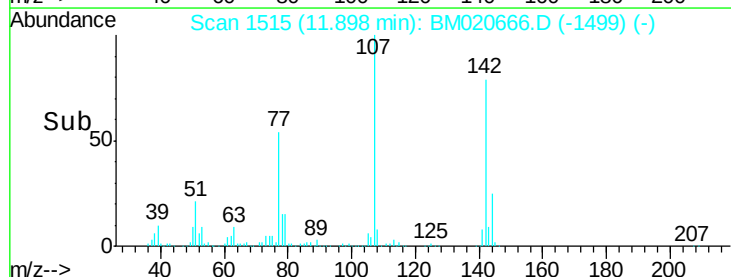
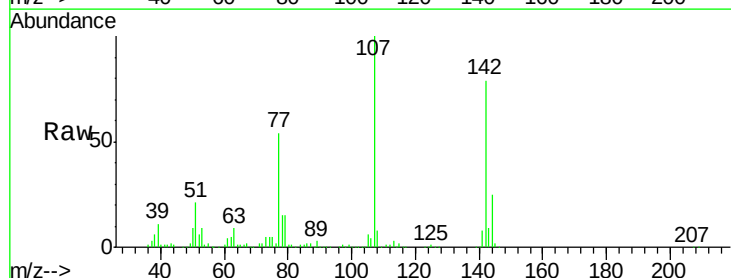
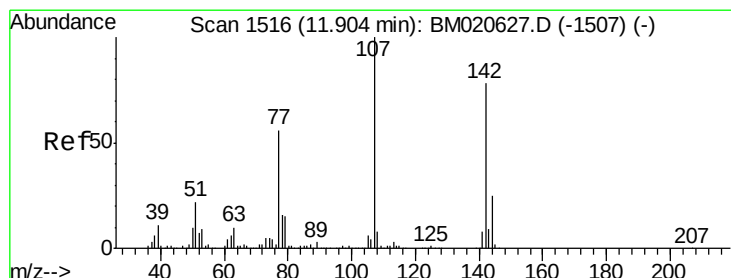
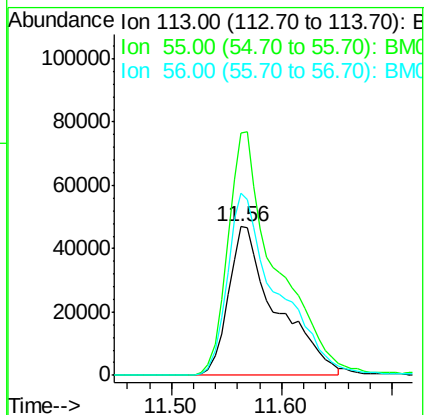
Tot Ion:113 Resp: 142012

Ion Ratio Lower Upper

113 100

55 162.7 138.6 178.6

56 122.2 102.3 142.3



#36

4-Chloro-3-methylphenol

Concen: 10.796 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

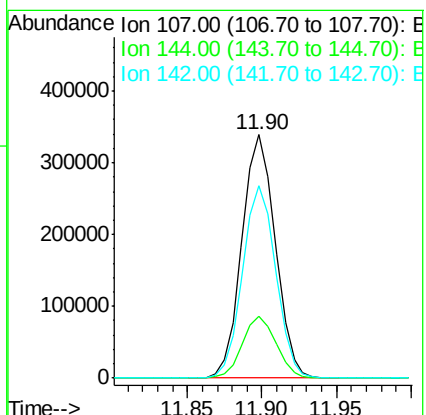
Tgt Ion:107 Resp: 526819

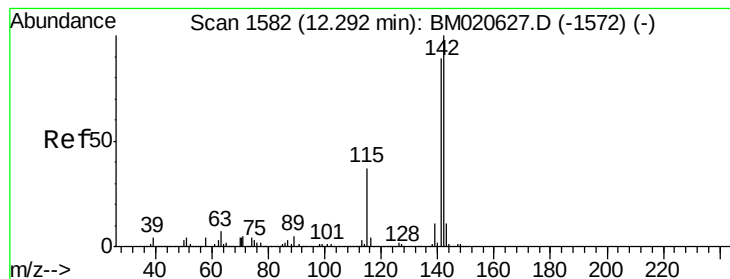
Ion Ratio Lower Upper

107 100

144 25.2 20.3 30.5

142 79.1 62.6 93.8





#37

2-Methylnaphthalene

Concen: 11.983 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

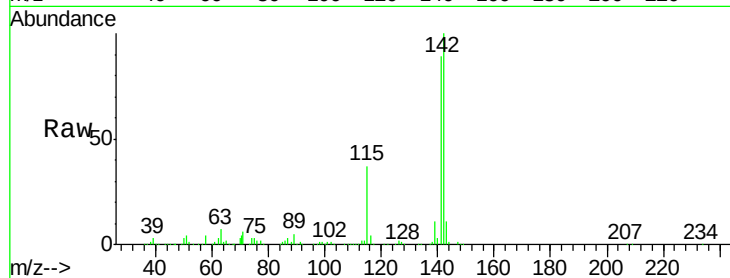
Tot Ion:142 Resp: 1259224

Ion Ratio Lower Upper

142 100

141 89.2 71.6 107.4

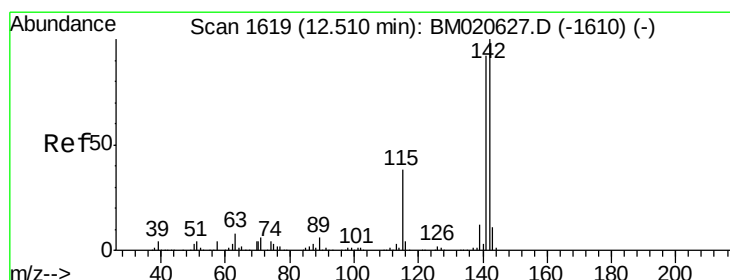
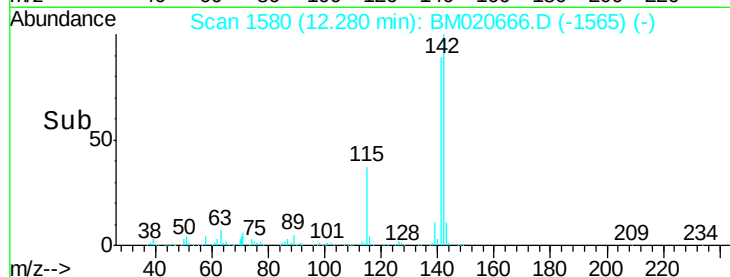
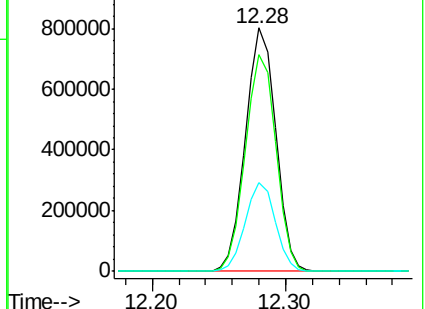
115 36.5 29.6 44.4



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: 11.822 ng

RT: 12.50 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

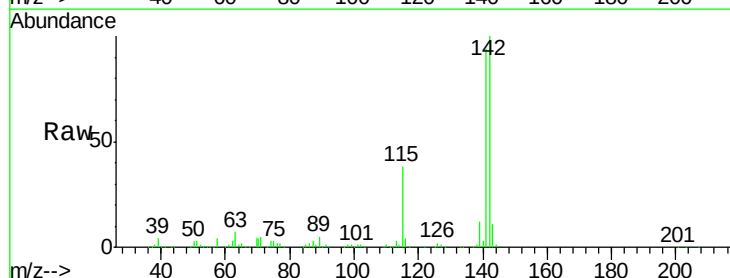
Tgt Ion:142 Resp: 1182866

Ion Ratio Lower Upper

142 100

141 94.3 73.9 110.9

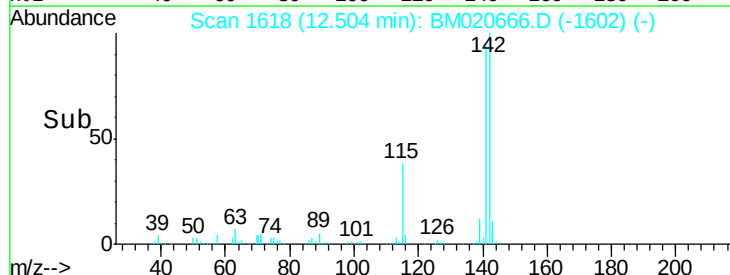
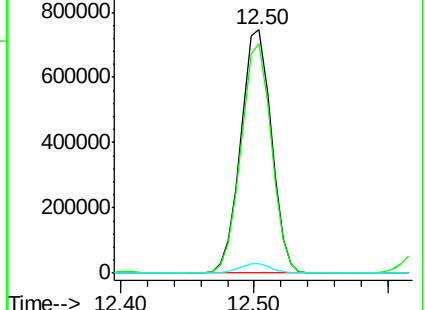
116 3.8 3.2 4.8

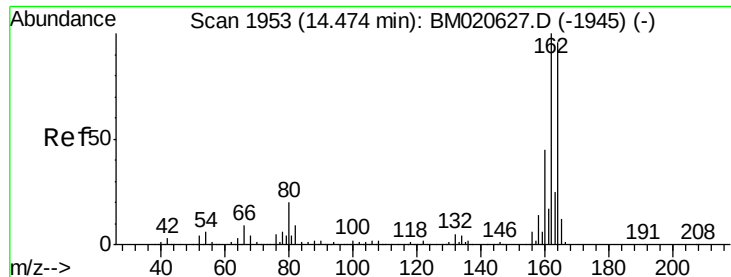


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.47 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

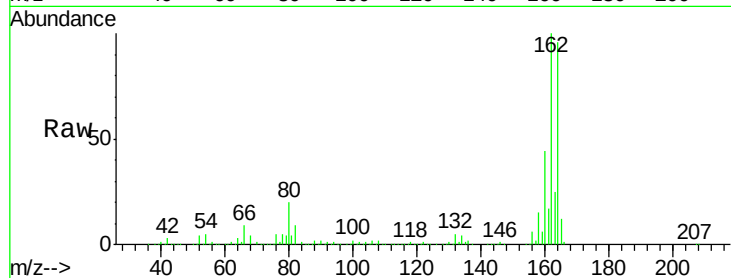
BNA_M

ClientSampleId :

PB120172BS

Tot Ion:164 Resp: 1421006

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.2	124.8
160	46.4	37.5	56.3

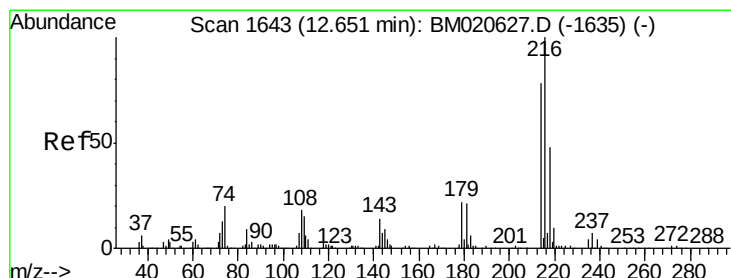
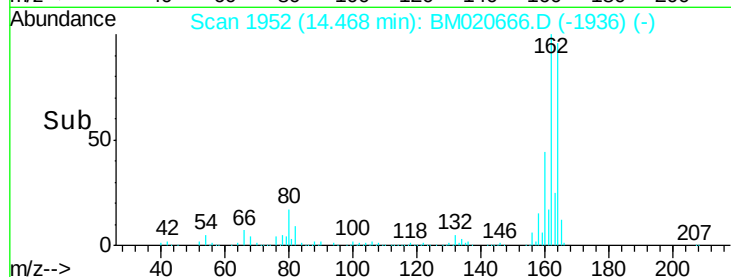


Abundance

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: 13.183 ng

RT: 12.65 min Scan# 1642

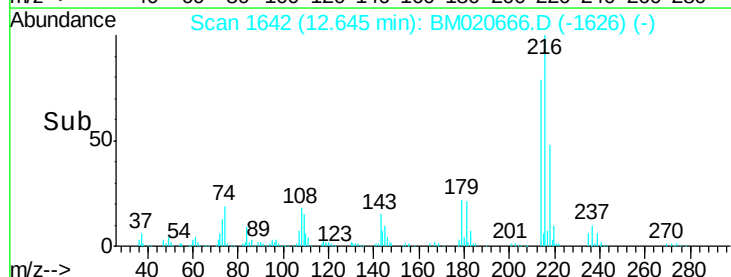
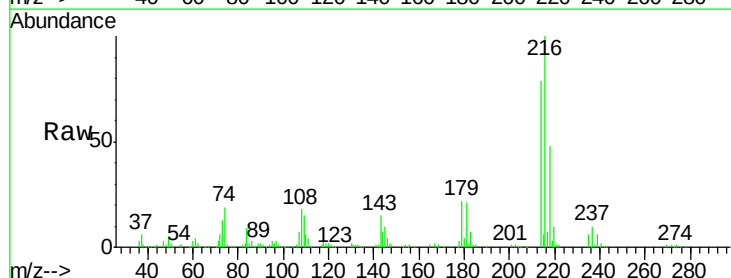
Delta R.T. -0.01 min

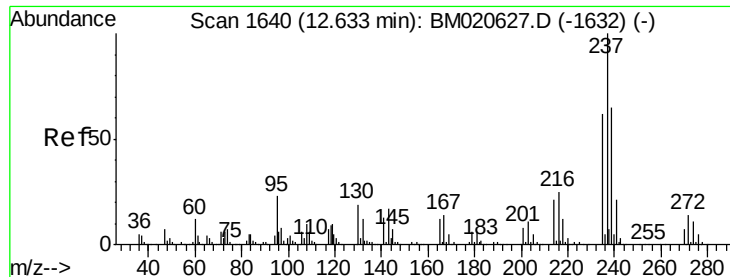
Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Tgt Ion:216 Resp: 613881

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	22.0	17.9	26.9
108	22.1	16.2	24.2





#41

Hexachlorocyclopentadiene

Concen: 26.743 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

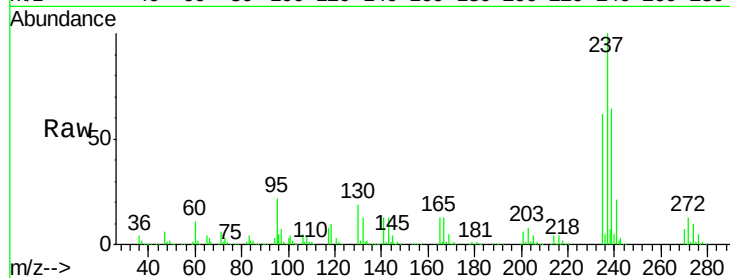
Tot Ion:237 Resp: 744815

Ion Ratio Lower Upper

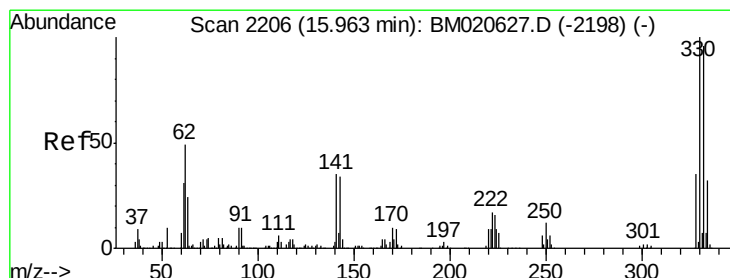
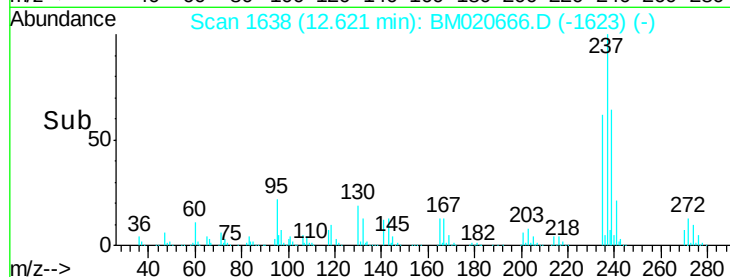
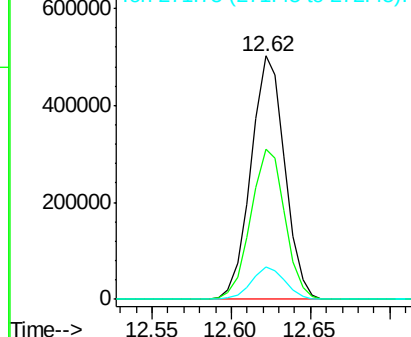
237 100

235 61.9 42.1 82.1

272 13.3 0.0 33.5



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



#42

2,4,6-Tribromophenol

Concen: 134.987 ng

RT: 15.96 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

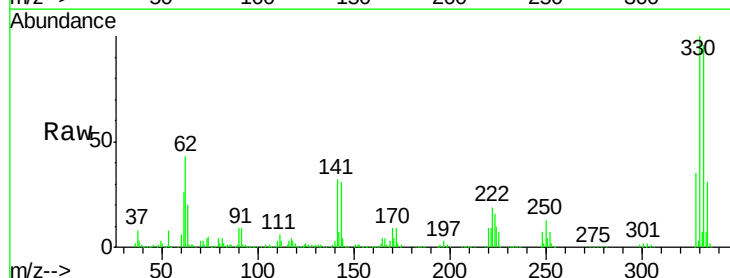
Tgt Ion:330 Resp: 2376596

Ion Ratio Lower Upper

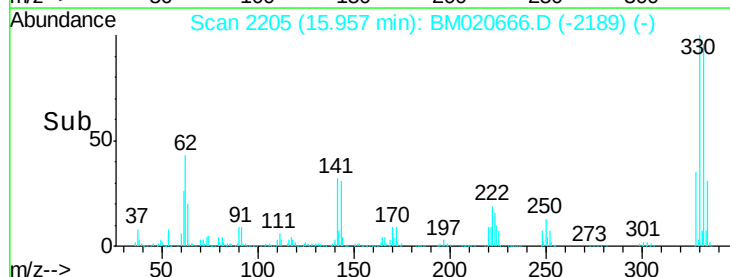
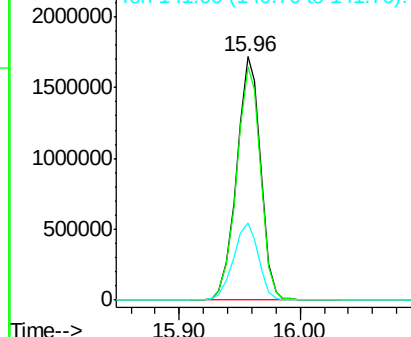
330 100

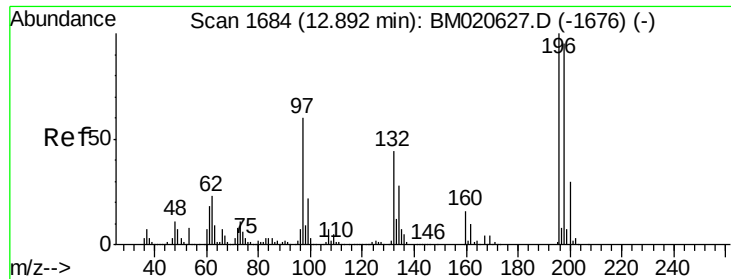
332 96.3 77.4 116.0

141 33.1 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: 12.278 ng

RT: 12.89 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

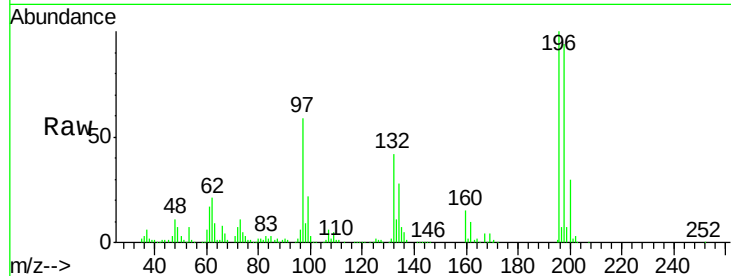
Tot Ion:196 Resp: 368041

Ion Ratio Lower Upper

196 100

198 93.5 75.7 113.5

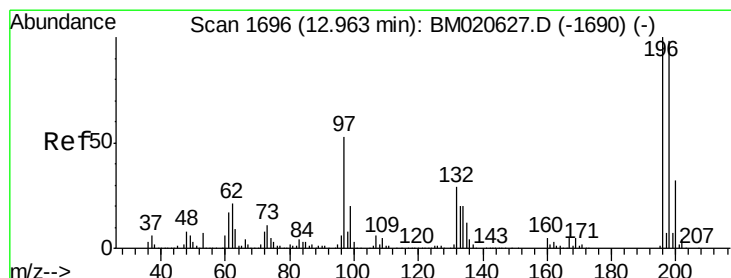
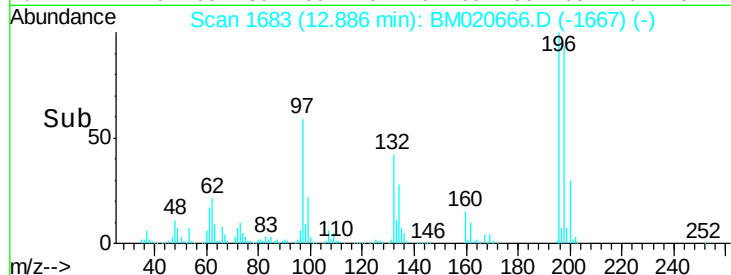
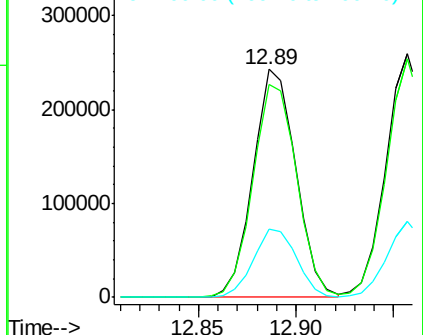
200 30.1 23.9 35.9



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: 12.588 ng

RT: 12.96 min Scan# 1695

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Tgt Ion:196 Resp: 389557

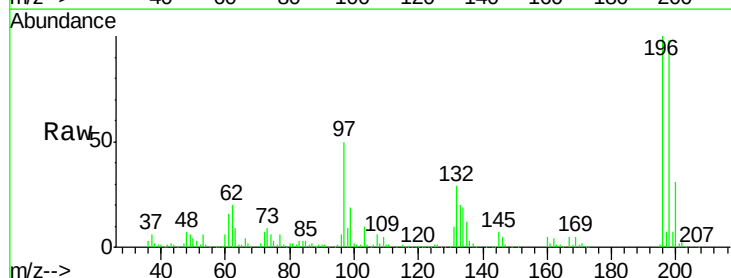
Ion Ratio Lower Upper

196 100

198 97.7 78.6 117.8

97 50.4 42.7 64.1

132 28.7 23.4 35.0

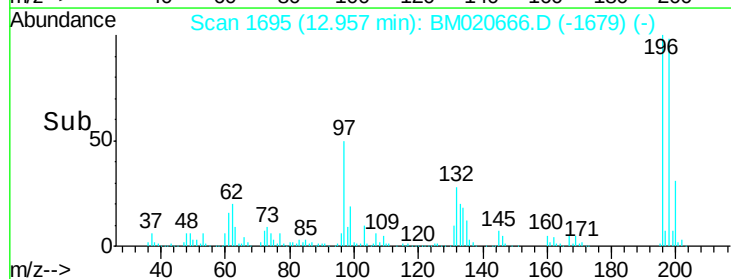
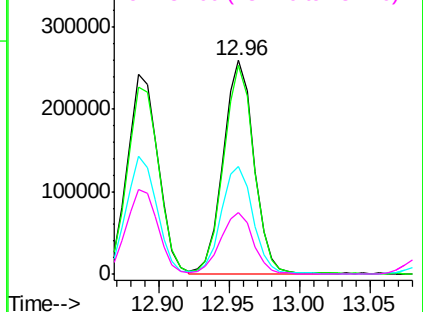


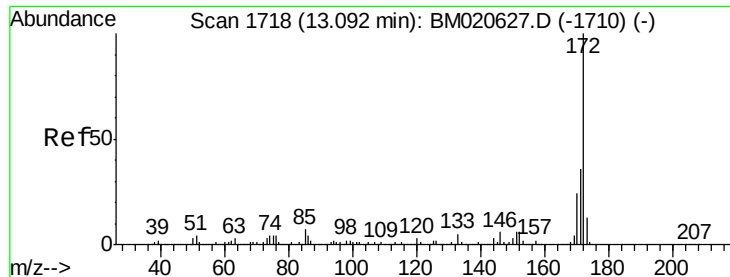
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E

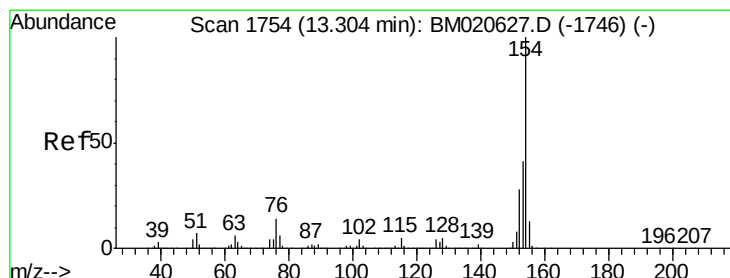
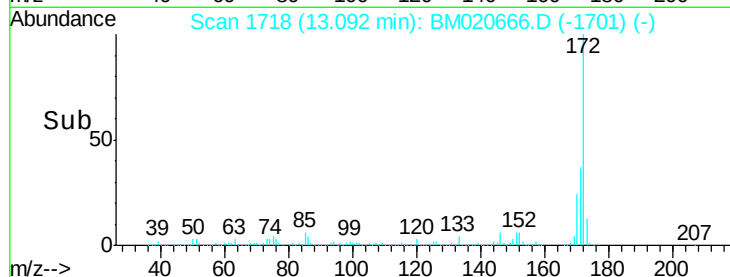
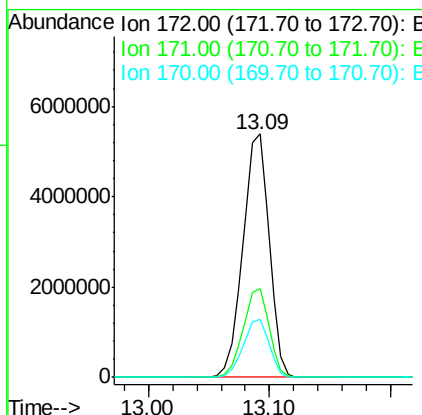
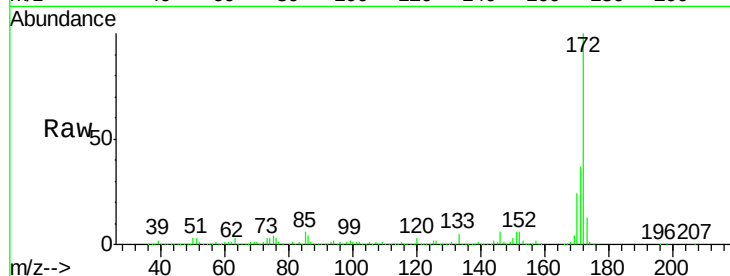




#45
2-Fluorobiphenyl
Concen: 76.793 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

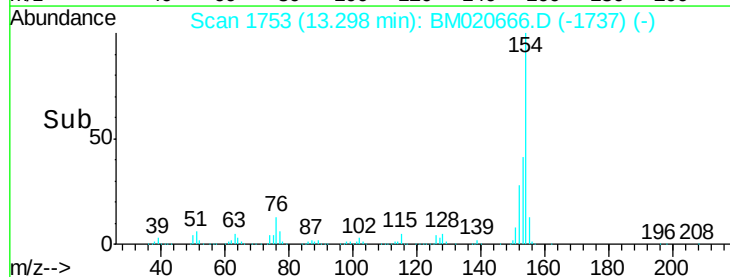
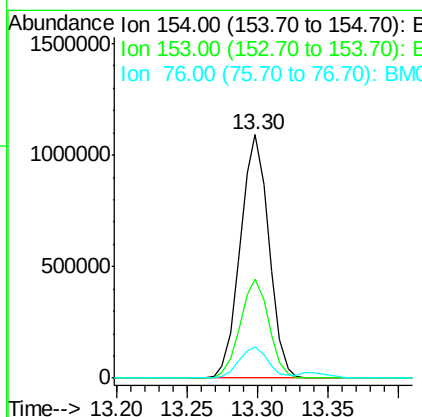
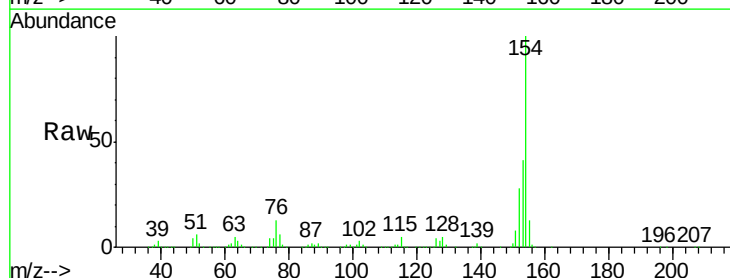
Instrument :
BNA_M
ClientSampleId :
PB120172BS

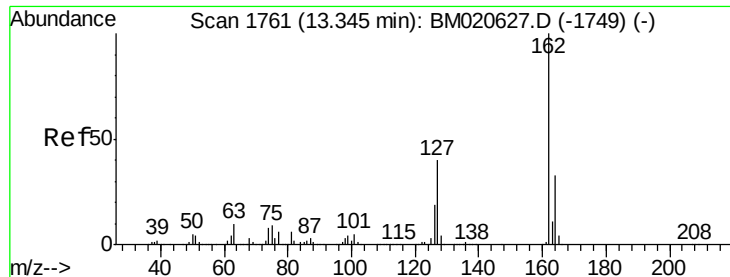
Tot Ion:172 Resp: 8208119
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 23.9 18.9 28.3



#46
1,1'-Biphenyl
Concen: 13.040 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Tgt Ion:154 Resp: 1547553
Ion Ratio Lower Upper
154 100
153 40.6 20.7 60.7
76 12.7 0.0 34.0

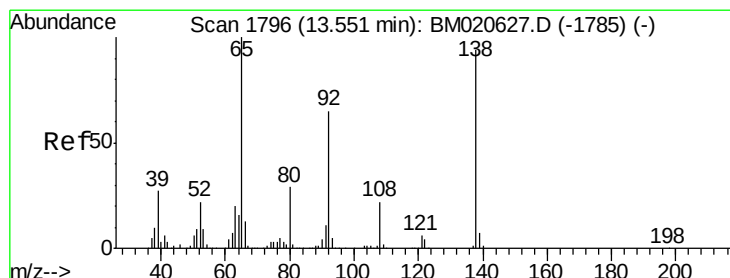
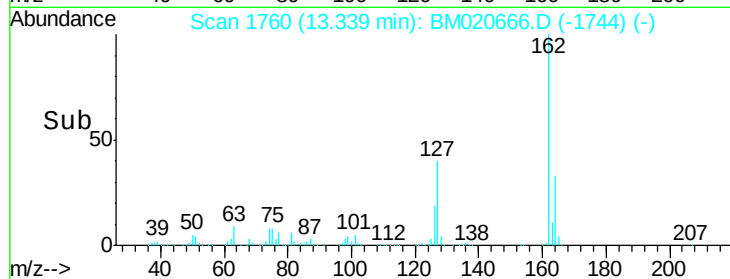
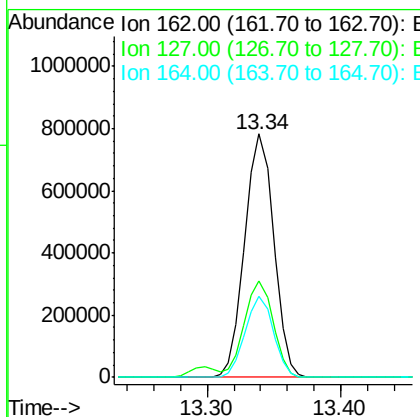
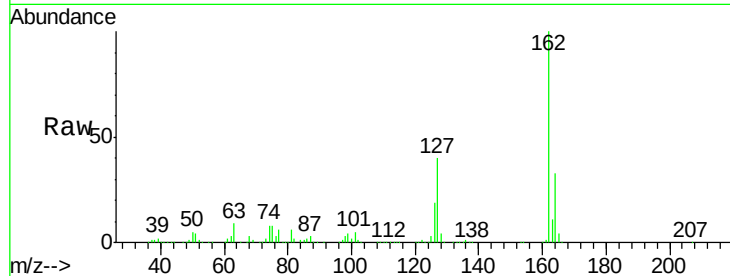




#47
 2-Chloronaphthalene
 Concen: 12.286 ng
 RT: 13.34 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BM020666.D
 Acq: 03 Jun 2019 12:16

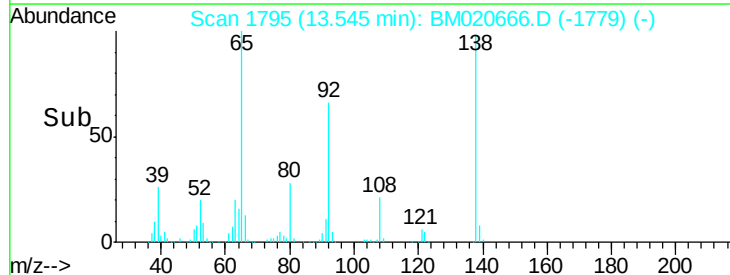
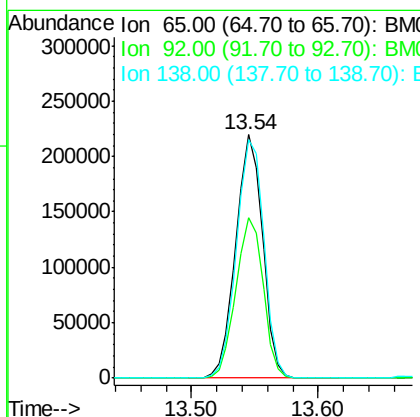
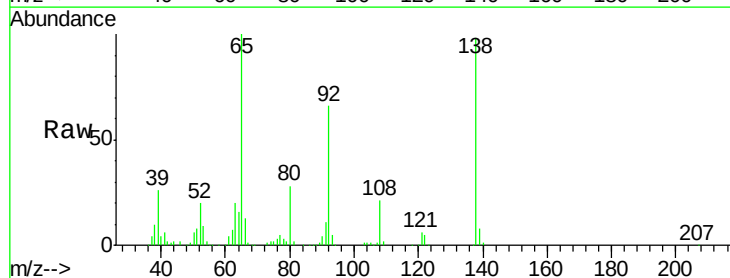
Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

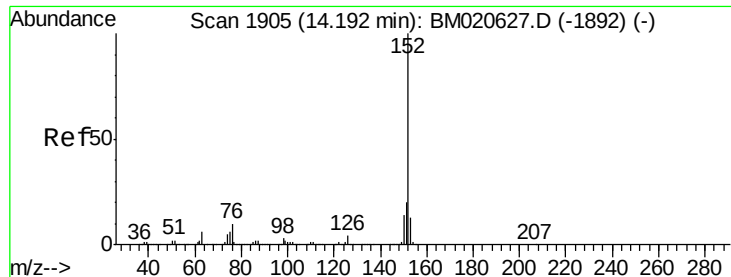
Tot Ion:162 Resp: 1176804
 Ion Ratio Lower Upper
 162 100
 127 39.7 32.1 48.1
 164 33.5 26.6 39.8



#48
 2-Nitroaniline
 Concen: 10.702 ng
 RT: 13.54 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BM020666.D
 Acq: 03 Jun 2019 12:16

Tgt Ion: 65 Resp: 321720
 Ion Ratio Lower Upper
 65 100
 92 66.0 52.2 78.4
 138 97.8 75.4 113.0





#49

Acenaphthylene

Concen: 12.202 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

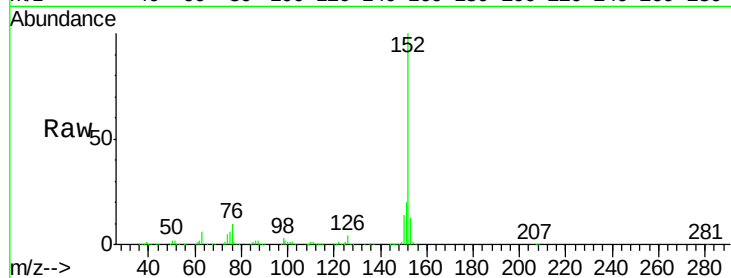
Tot Ion:152 Resp: 1823627

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

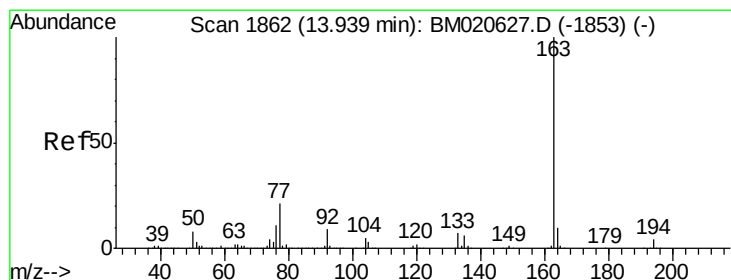
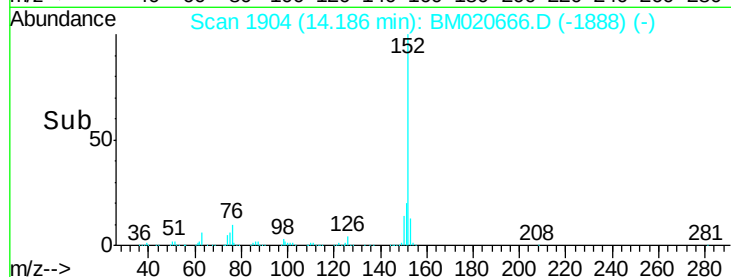
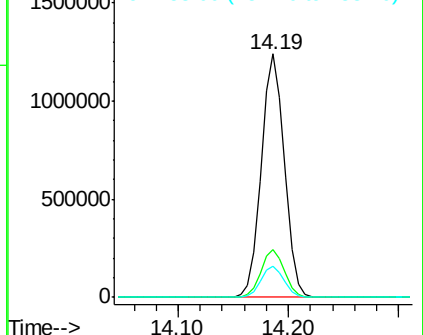
153 12.9 10.6 15.8



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: 10.893 ng

RT: 13.93 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

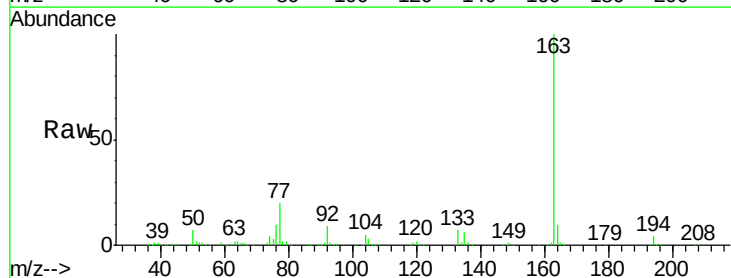
Tgt Ion:163 Resp: 1322435

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

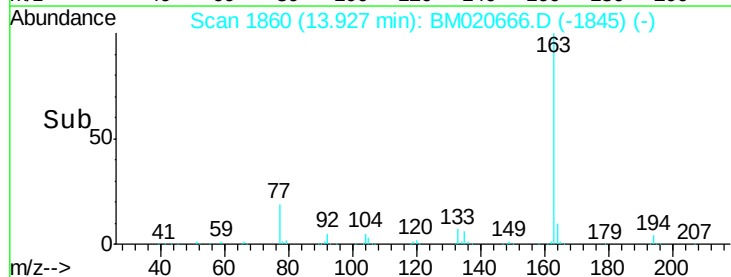
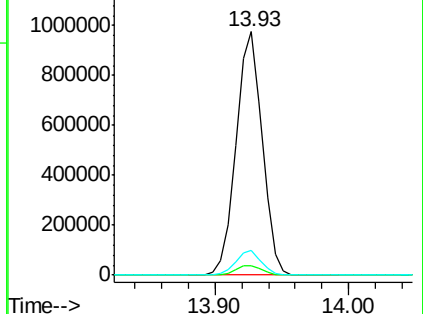
164 10.1 7.9 11.9

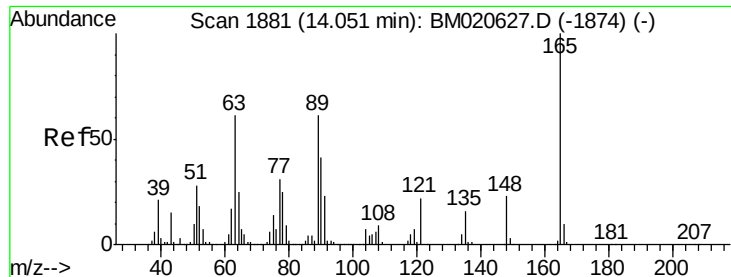


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

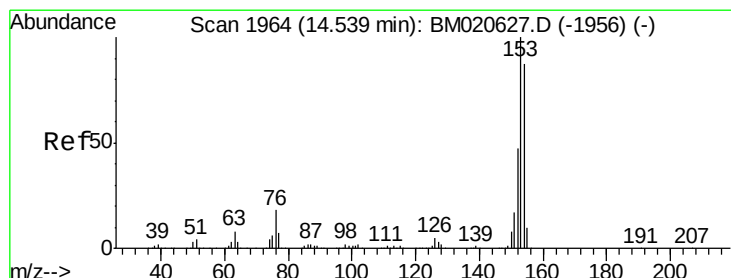
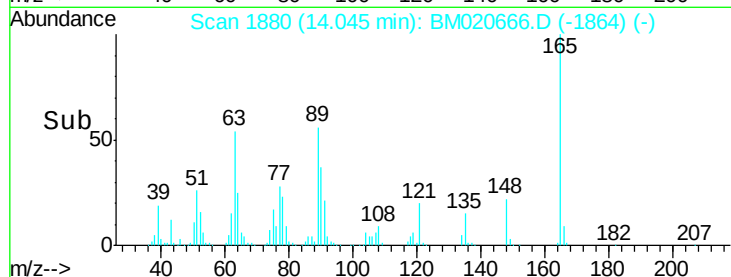
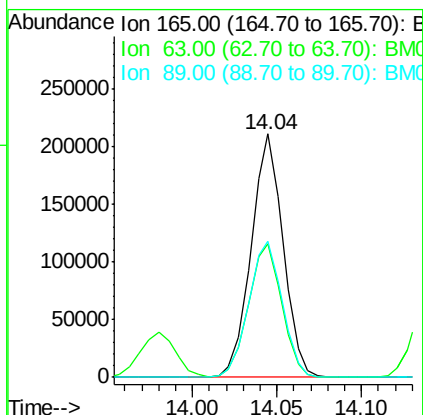
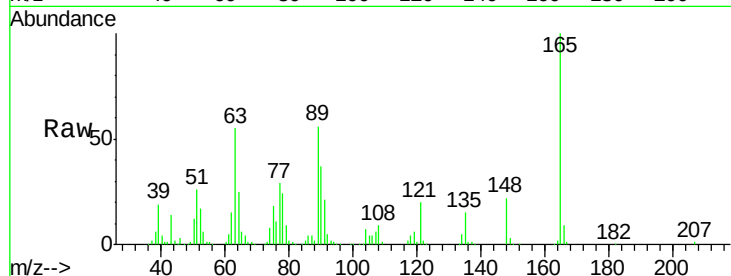




#51
2,6-Dinitrotoluene
Concen: 11.271 ng
RT: 14.04 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

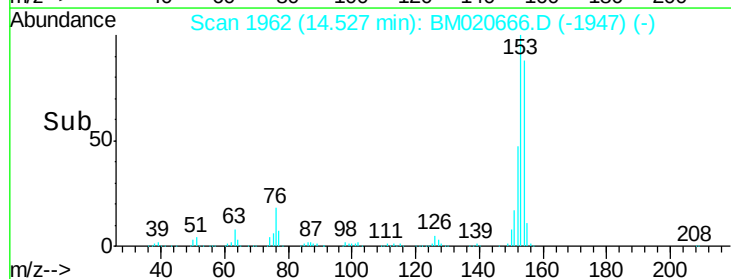
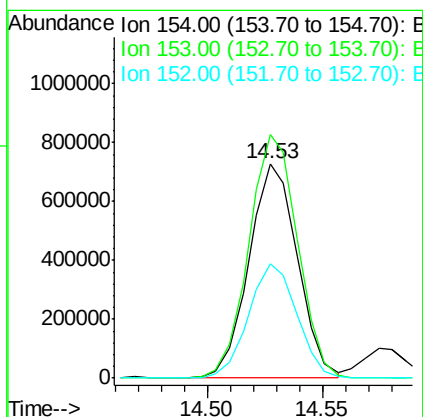
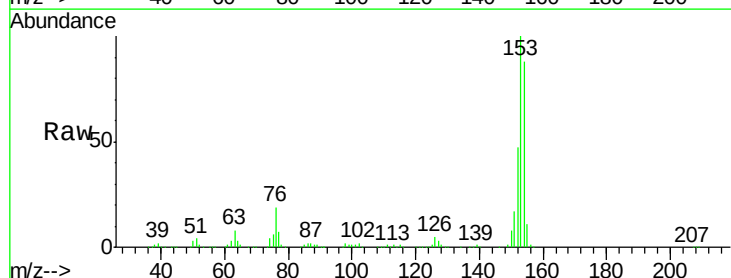
Instrument :
BNA_M
ClientSampleId :
PB120172BS

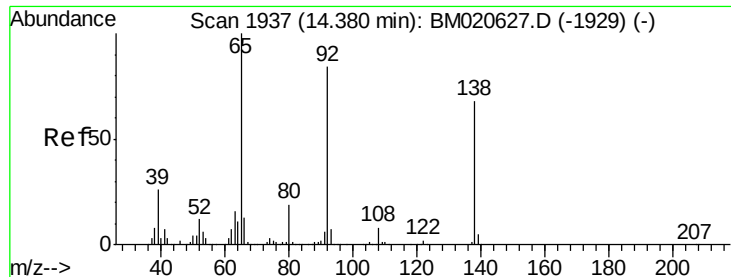
Tot Ion:165 Resp: 277843
Ion Ratio Lower Upper
165 100
63 54.9 50.4 75.6
89 56.0 49.1 73.7



#52
Acenaphthene
Concen: 11.922 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Tgt Ion:154 Resp: 1061859
Ion Ratio Lower Upper
154 100
153 113.6 92.4 138.6
152 53.2 43.4 65.0





#53

3-Nitroaniline

Concen: 6.001 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

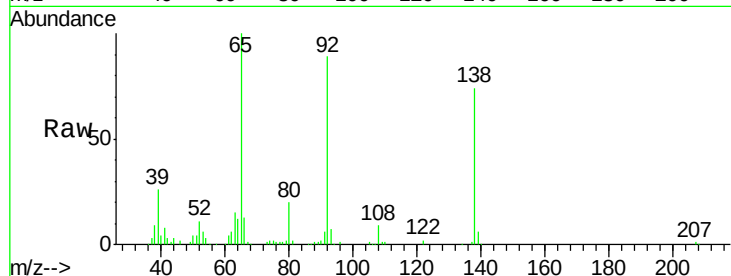
Tot Ion:138 Resp: 165114

Ion Ratio Lower Upper

138 100

108 12.2 9.5 14.3

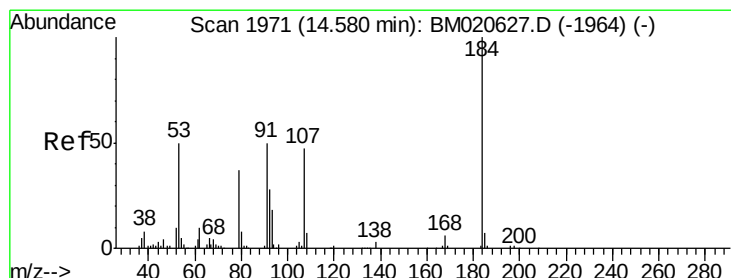
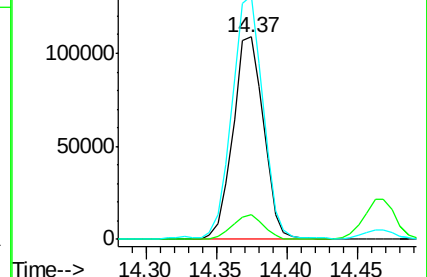
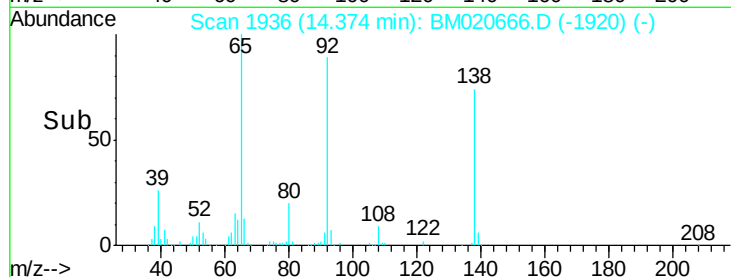
92 120.3 99.6 149.4



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: 24.775 ng

RT: 14.57 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

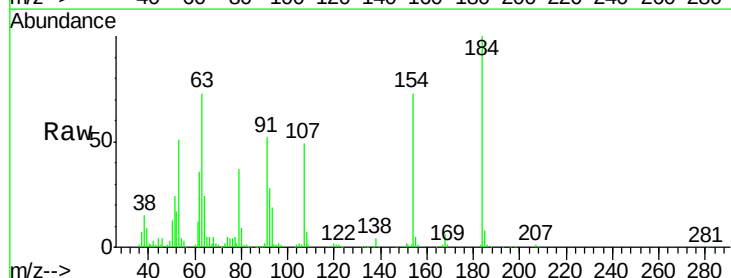
Tgt Ion:184 Resp: 204291

Ion Ratio Lower Upper

184 100

63 73.1 59.3 88.9

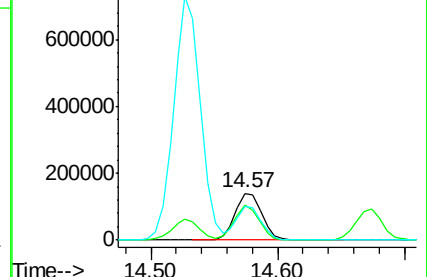
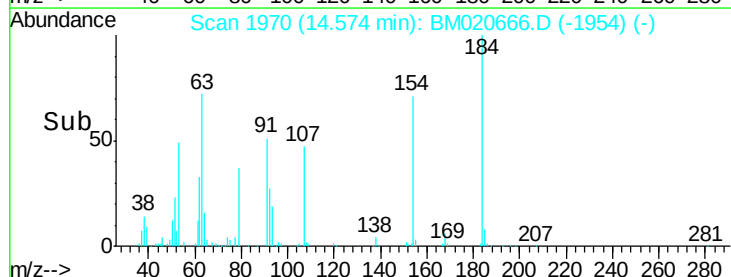
154 72.7 56.5 84.7

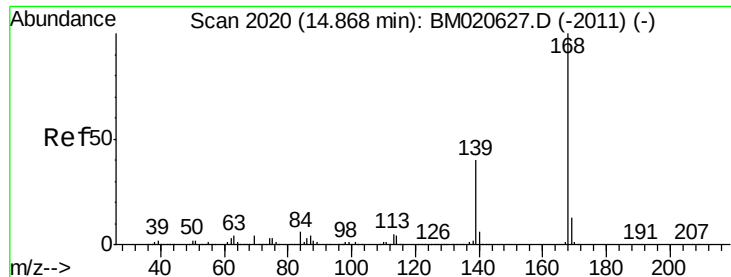


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

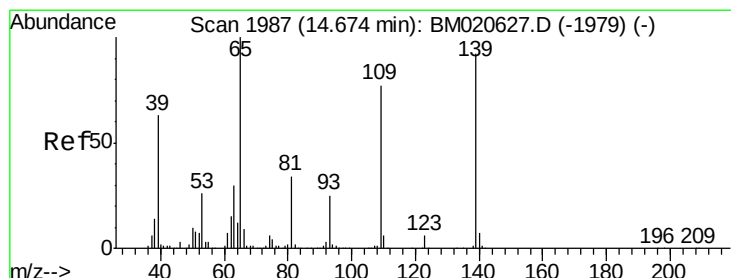
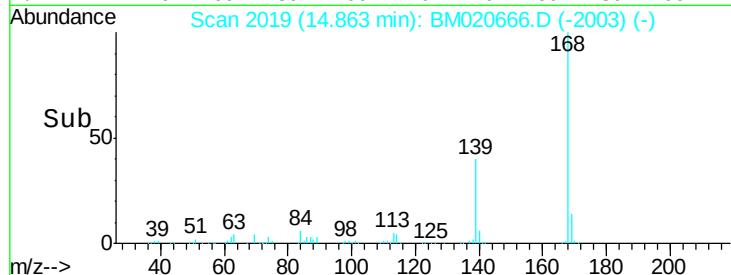
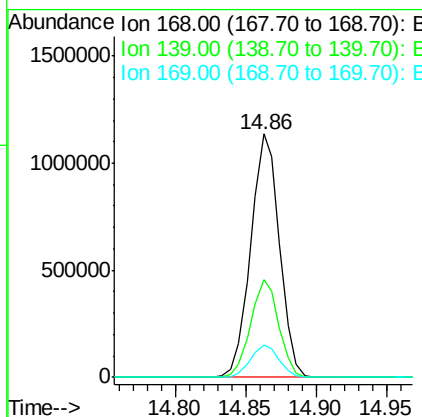
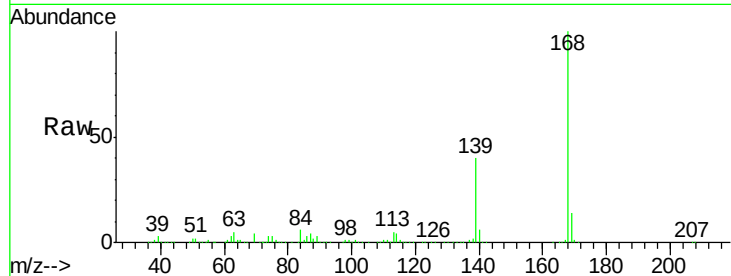




#55
Dibenzofuran
Concen: 11.713 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

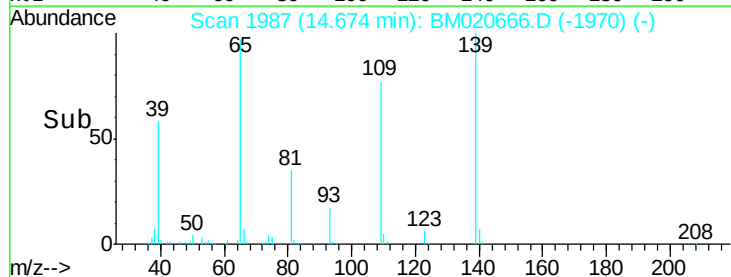
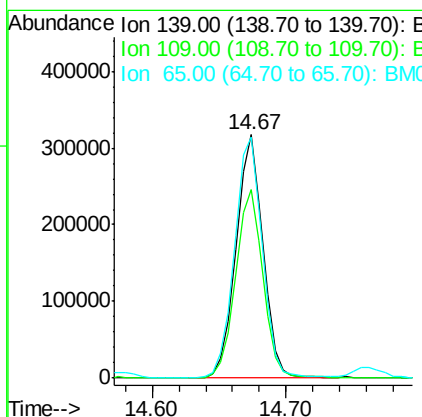
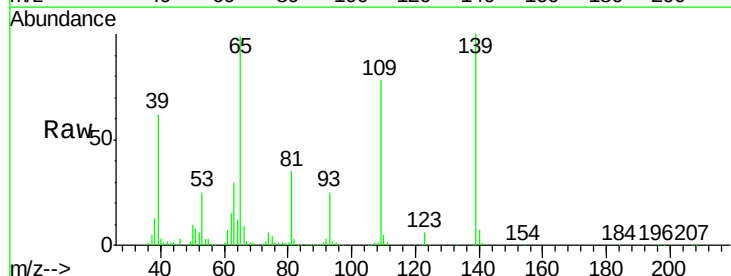
Instrument :
BNA_M
ClientSampleId :
PB120172BS

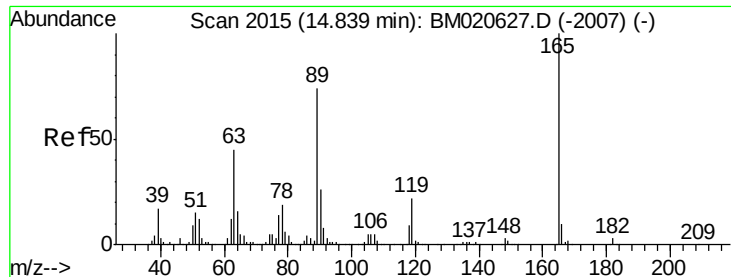
Tot Ion:168 Resp: 1620224
Ion Ratio Lower Upper
168 100
139 40.3 31.9 47.9
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 21.953 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Tgt Ion:139 Resp: 445115
Ion Ratio Lower Upper
139 100
109 77.5 62.7 102.7
65 99.2 88.3 128.3

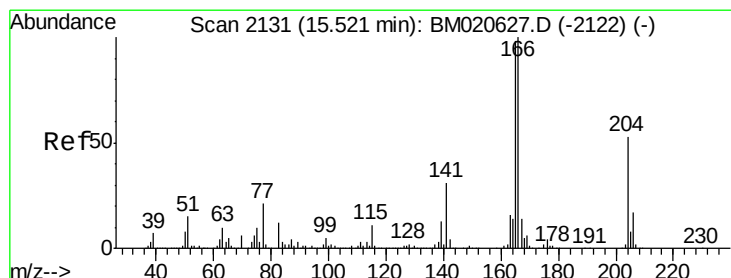
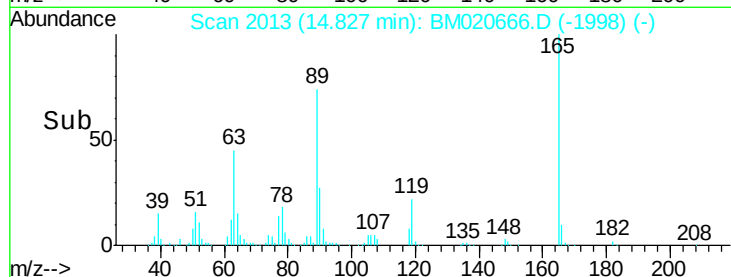
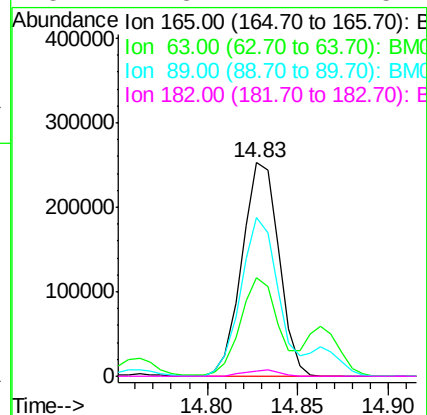
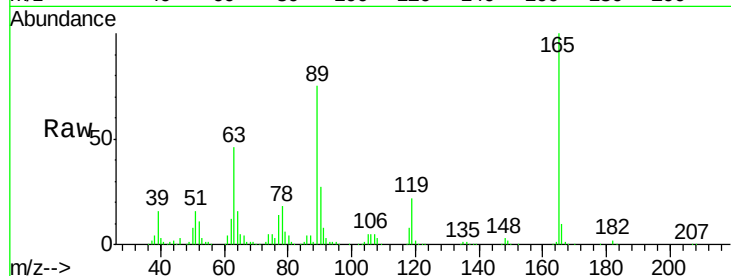




#57
2,4-Dinitrotoluene
Concen: 10.883 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

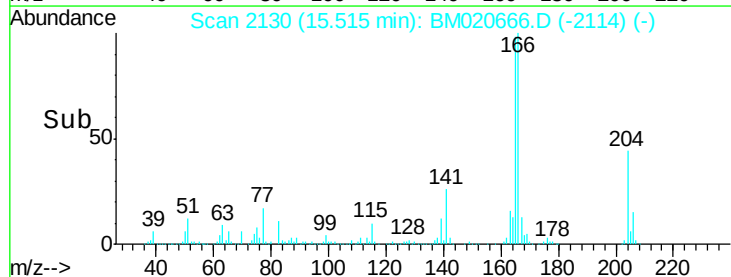
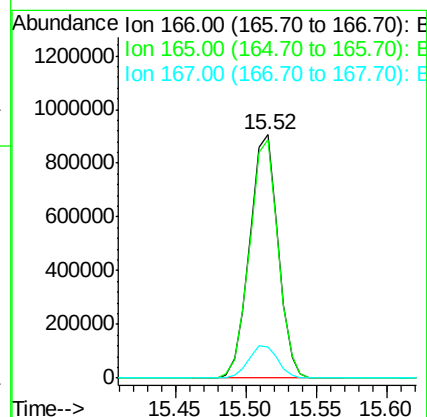
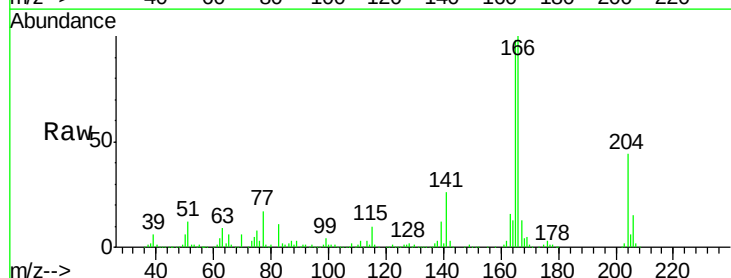
Instrument :
BNA_M
ClientSampleId :
PB120172BS

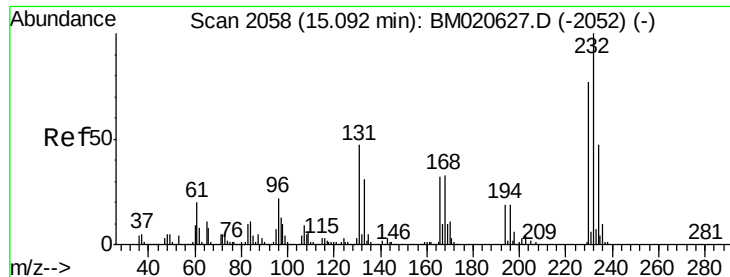
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.1	36.3	54.5
89	74.6	59.0	88.6
182	2.3	2.2	3.4



#58
Fluorene
Concen: 11.296 ng
RT: 15.52 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	117.8
167	12.9	11.0	16.4

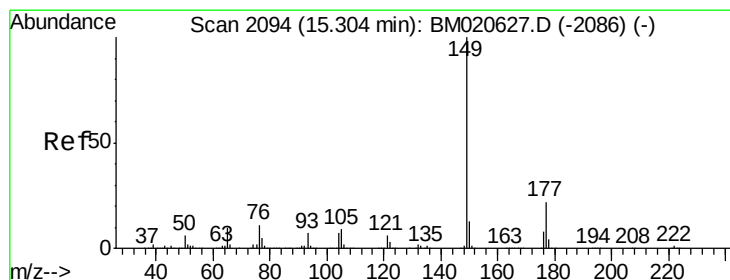
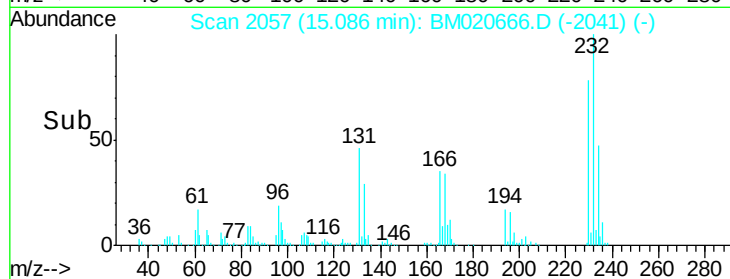
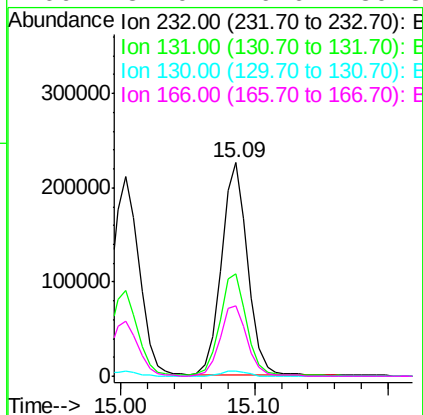
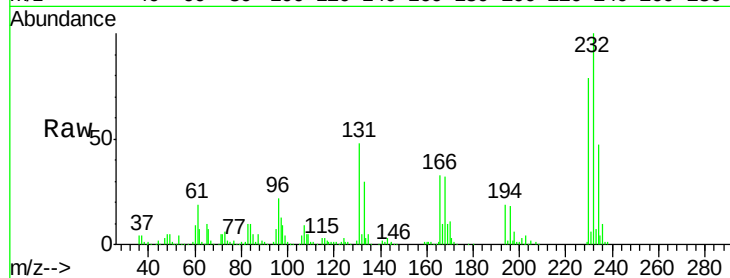




#59
2,3,4,6-Tetrachlorophenol
Concen: 11.539 ng
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

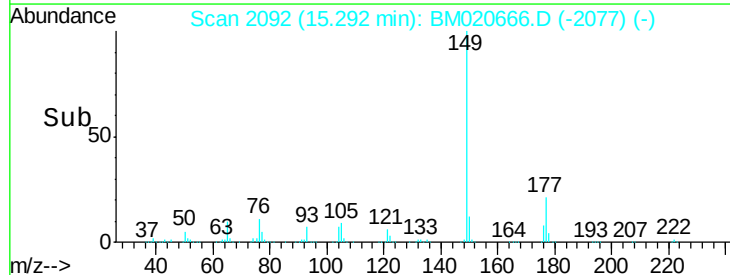
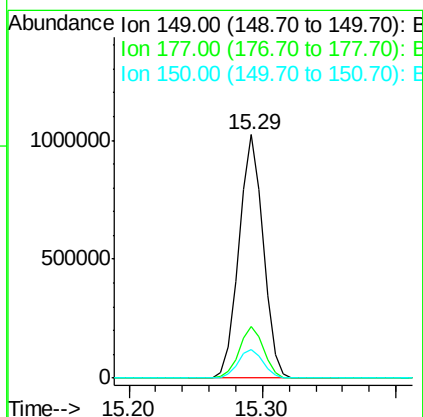
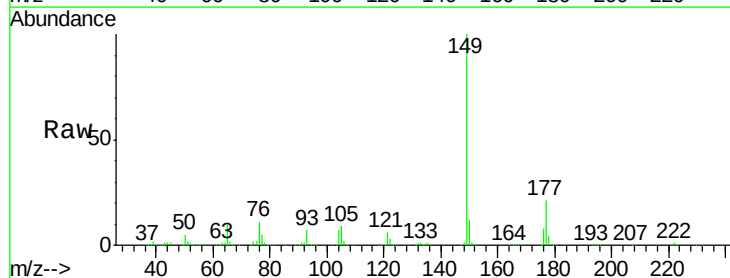
Instrument :
BNA_M
ClientSampleId :
PB120172BS

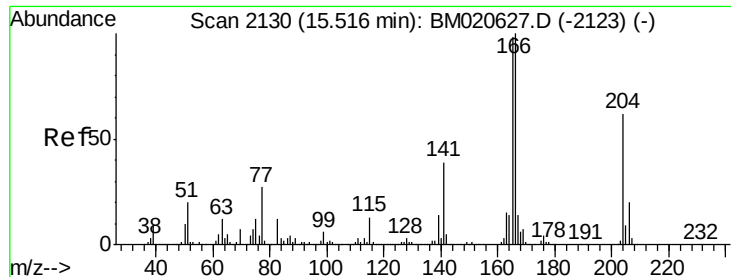
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.3	38.6	57.8
130	2.6	2.2	3.2
166	34.0	26.6	39.8



#60
Diethylphthalate
Concen: 10.273 ng
RT: 15.29 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.2	25.8
150	11.9	10.1	15.1

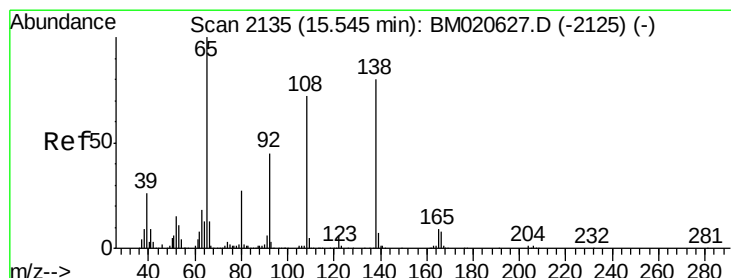
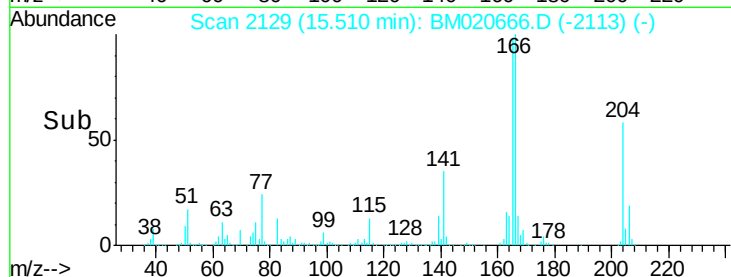
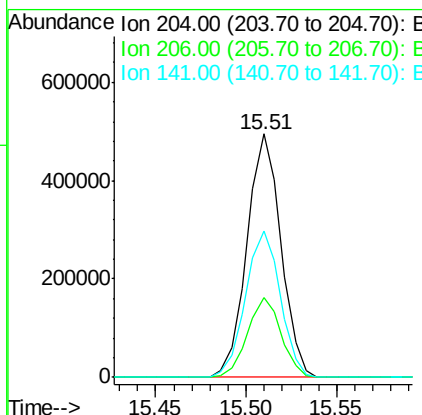
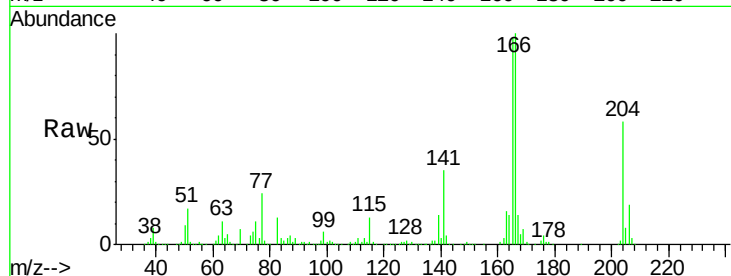




#61
4-Chlorophenyl-phenylether
Concen: 10.702 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

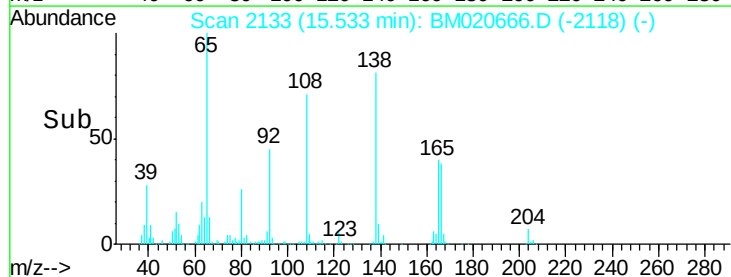
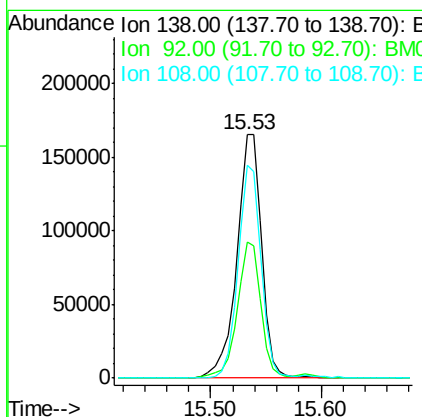
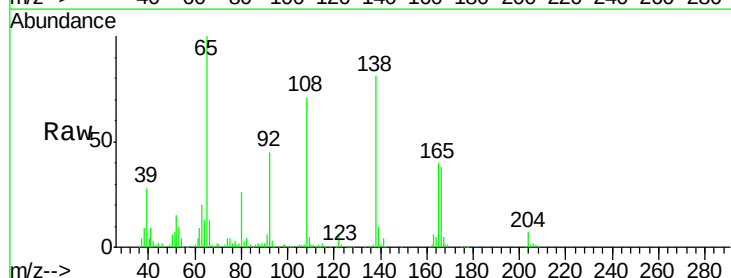
Instrument :
BNA_M
ClientSampleId :
PB120172BS

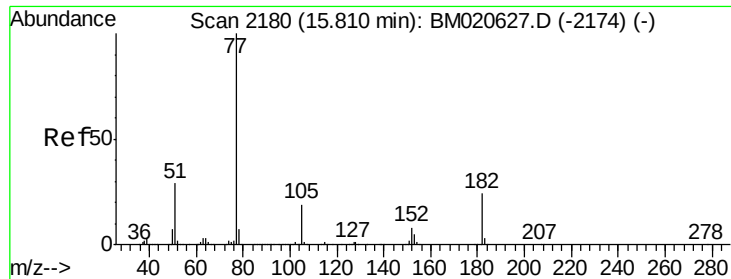
Tot Ion:204 Resp: 644562
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 60.1 50.2 75.4



#62
4-Nitroaniline
Concen: 8.998 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Tgt Ion:138 Resp: 262575
Ion Ratio Lower Upper
138 100
92 55.9 36.7 76.7
108 87.6 70.3 110.3





#63

Azobenzene

Concen: 10.688 ng

RT: 15.80 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

Tot Ion: 77 Resp: 1282943

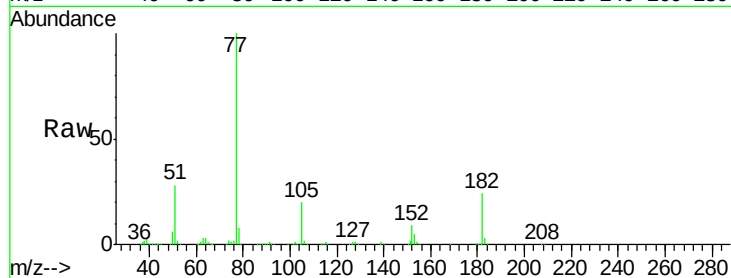
Ion	Ratio	Lower	Upper
77	100		
182	24.2	3.6	43.6
105	19.9	0.0	39.4
51	28.4	9.5	49.5

77 100

182 24.2 3.6 43.6

105 19.9 0.0 39.4

51 28.4 9.5 49.5

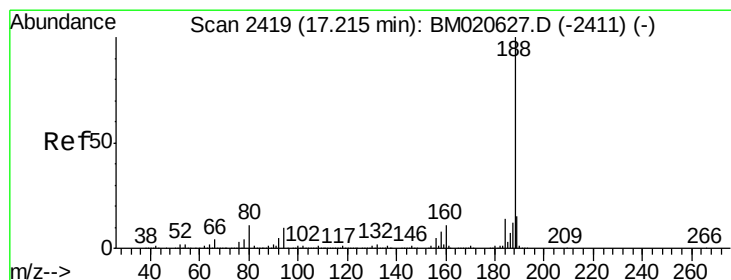
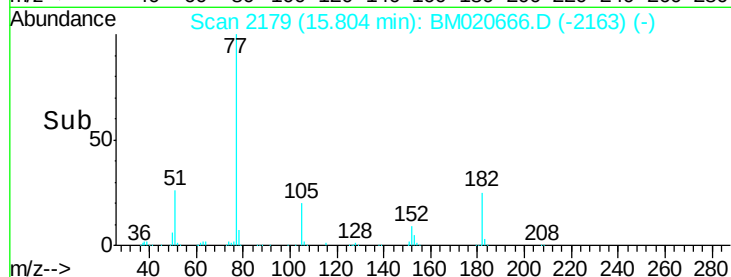
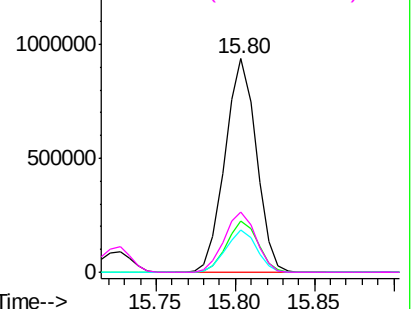


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: BM020666.D

Acq: 03 Jun 2019 12:16

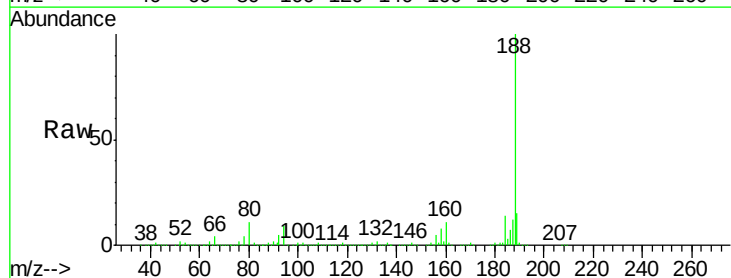
Tgt Ion: 188 Resp: 2694960

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.8	11.8
80	10.5	9.0	13.6

188 100

94 9.2 7.8 11.8

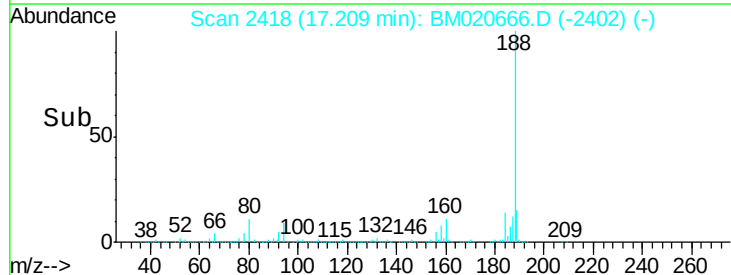
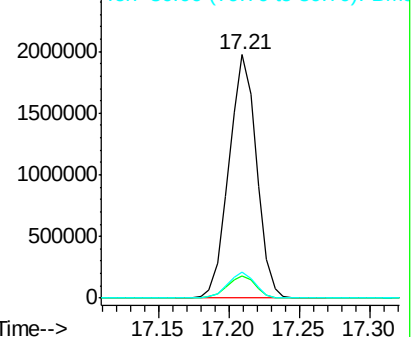
80 10.5 9.0 13.6

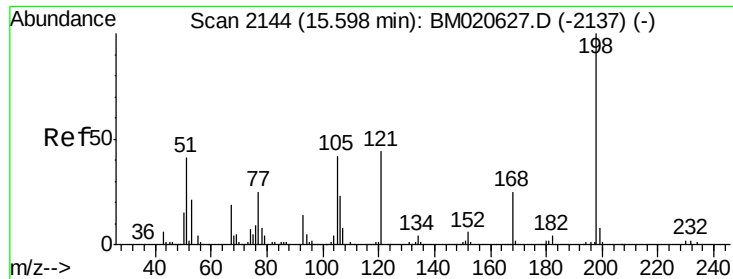


Abundance Ion 188.00 (187.70 to 188.70): E

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: 17.142 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

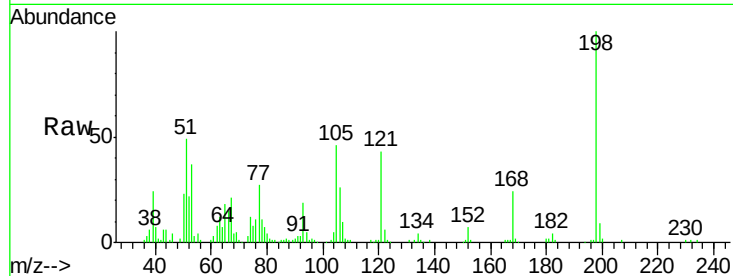
Tot Ion:198 Resp: 125317

Ion Ratio Lower Upper

198 100

51 49.1 27.7 67.7

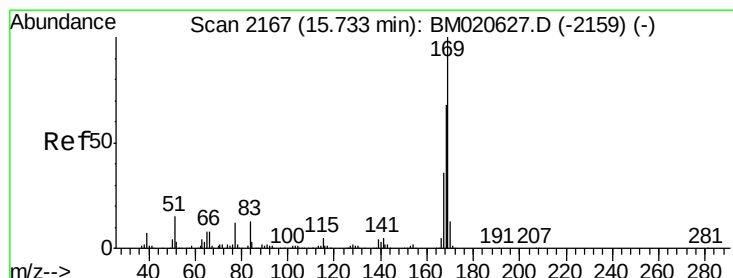
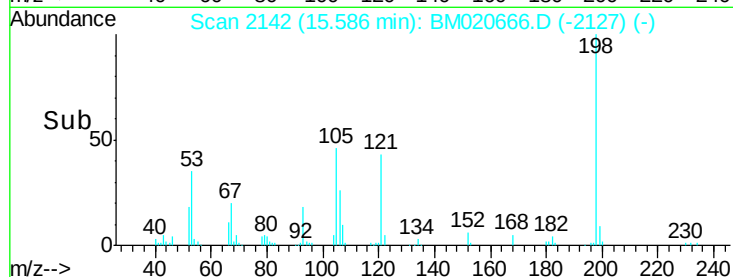
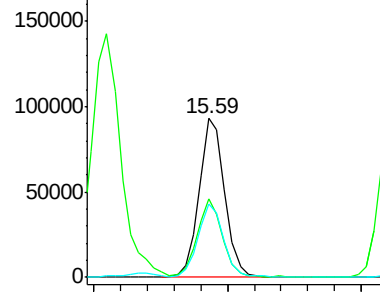
105 46.1 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 12.350 ng

RT: 15.73 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

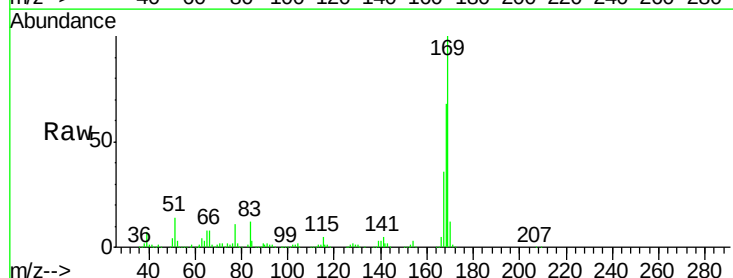
Tgt Ion:169 Resp: 1065483

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.4

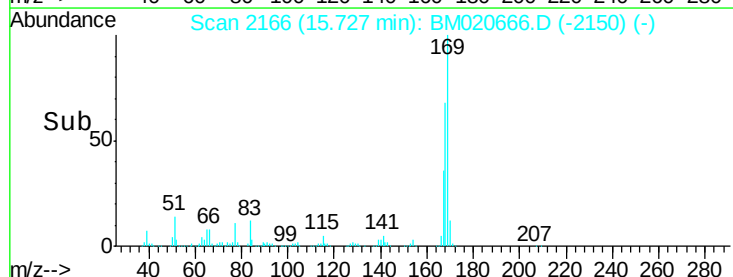
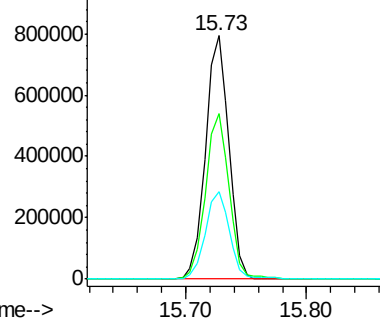
167 36.0 29.1 43.7

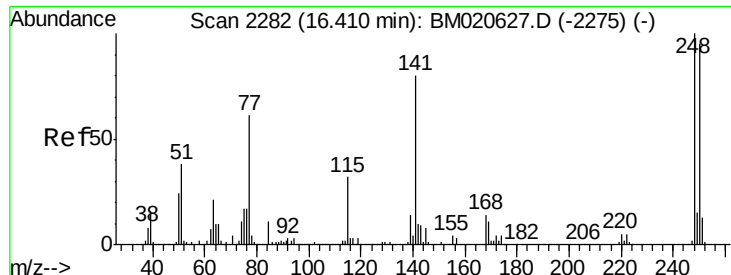


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

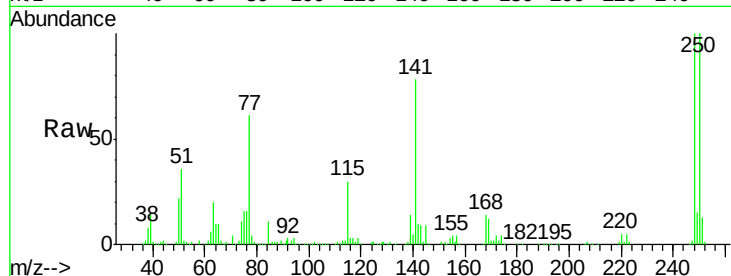




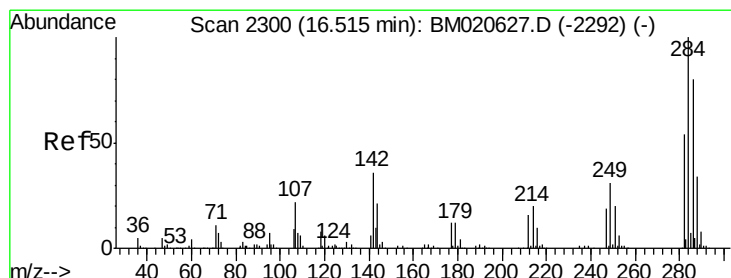
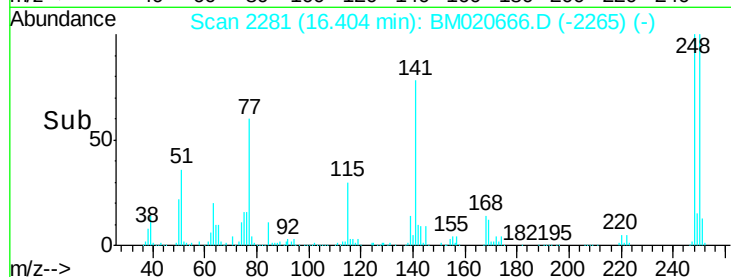
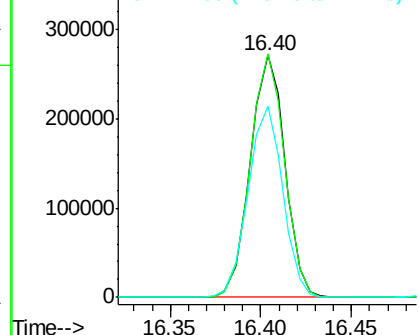
#67
4-Bromophenyl-phenylether
Concen: 11.388 ng
RT: 16.40 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion:248 Resp: 361344
Ion Ratio Lower Upper
248 100
250 100.5 76.3 114.5
141 78.8 64.2 96.2

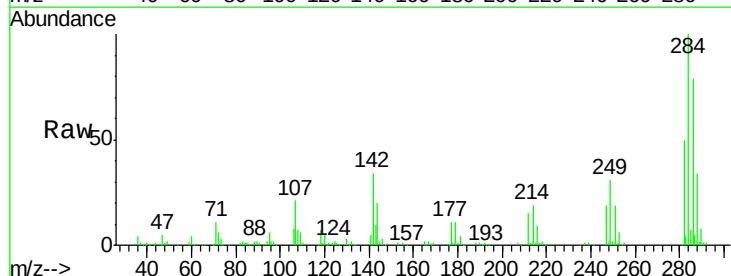


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

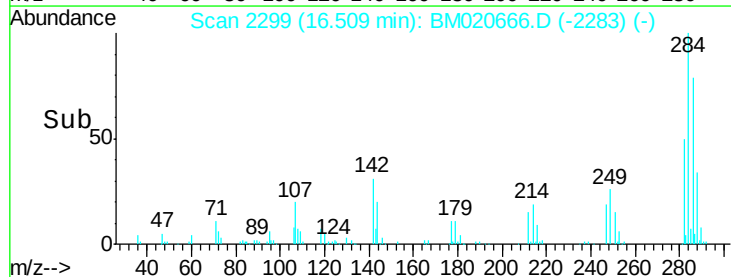
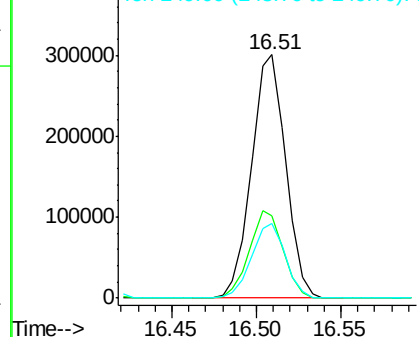


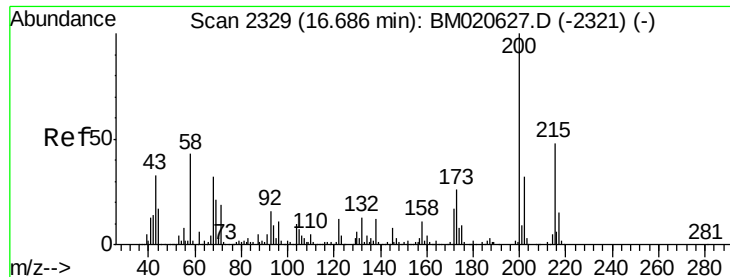
#68
Hexachlorobenzene
Concen: 11.393 ng
RT: 16.51 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Tgt Ion:284 Resp: 422149
Ion Ratio Lower Upper
284 100
142 34.0 28.6 42.8
249 30.7 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: 12.296 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

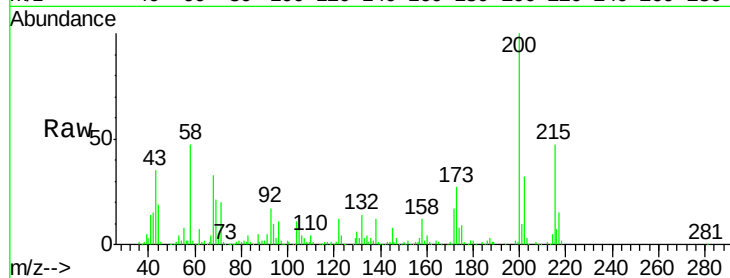
Tot Ion:200 Resp: 316595

Ion Ratio Lower Upper

200 100

173 26.6 6.2 46.2

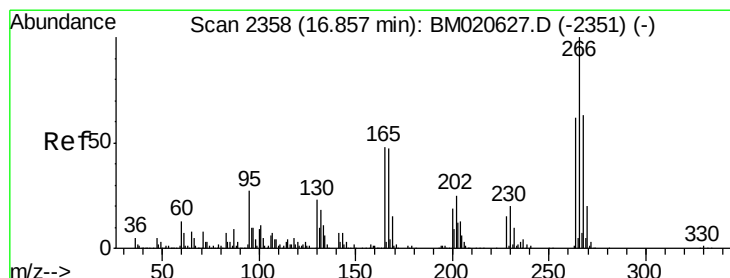
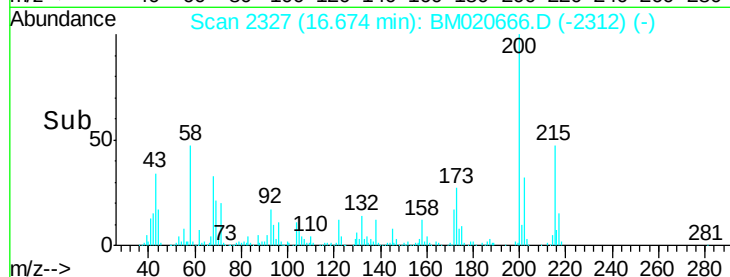
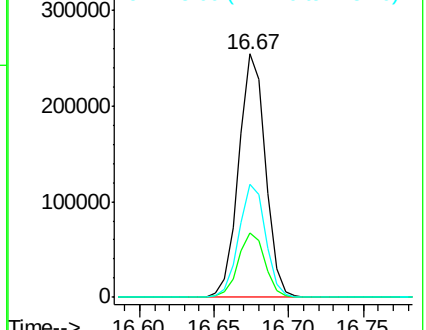
215 46.5 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 25.241 ng

RT: 16.86 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

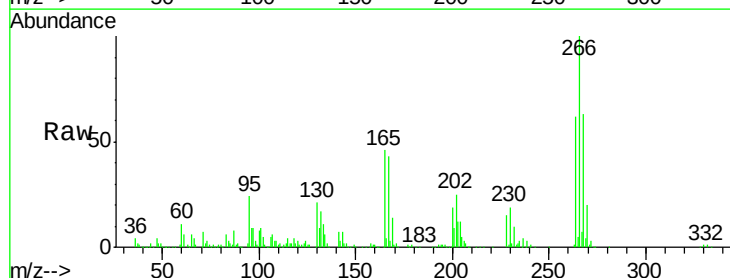
Tgt Ion:266 Resp: 446169

Ion Ratio Lower Upper

266 100

268 63.3 50.6 75.8

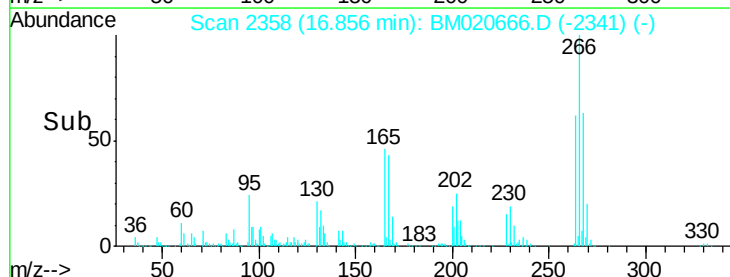
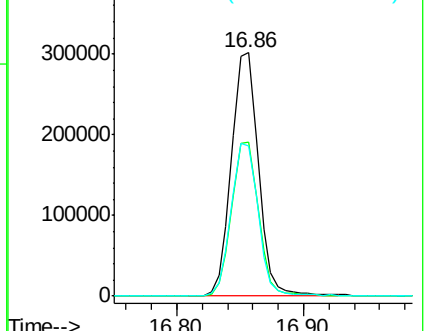
264 61.8 49.6 74.4

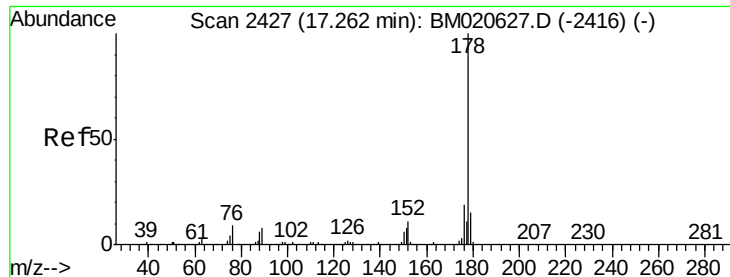


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

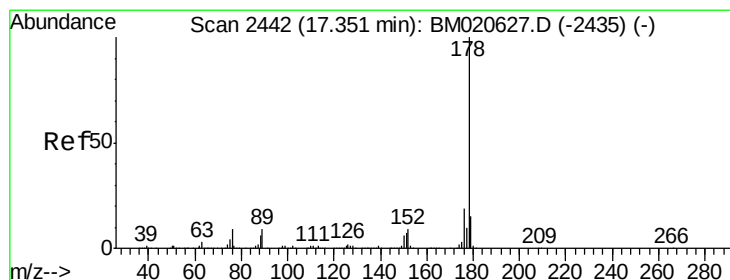
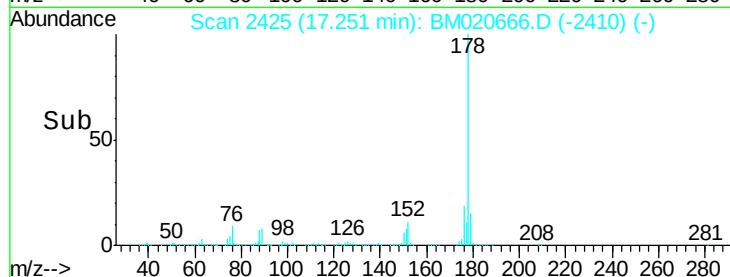
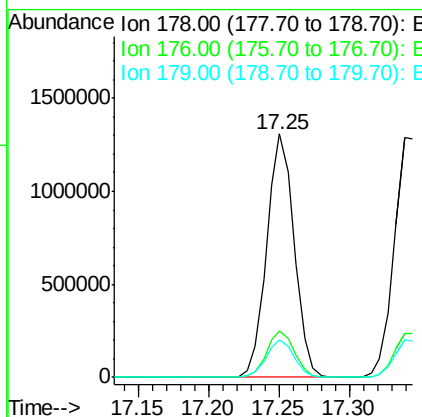
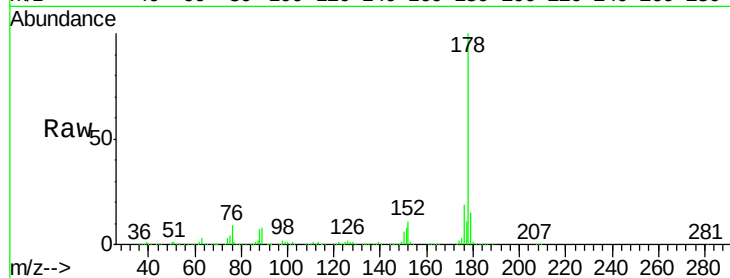




#71
Phenanthrene
Concen: 11.710 ng
RT: 17.25 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

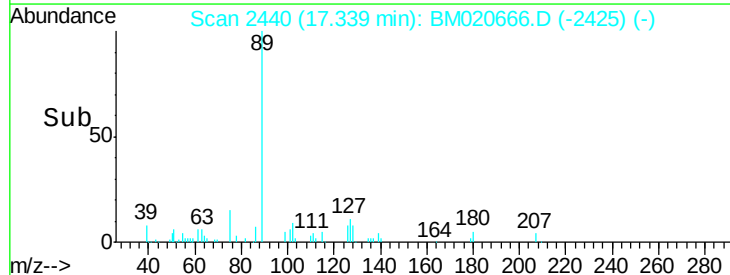
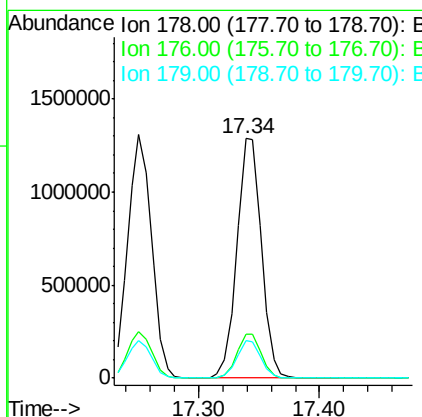
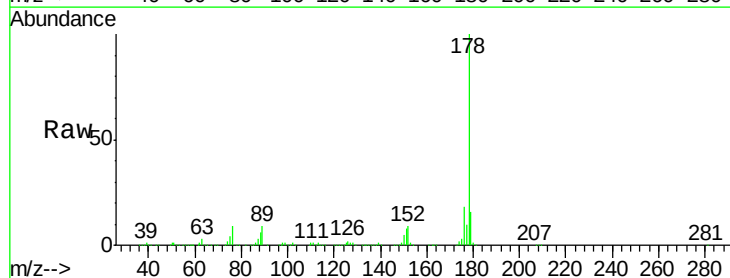
Instrument :
BNA_M
ClientSampleId :
PB120172BS

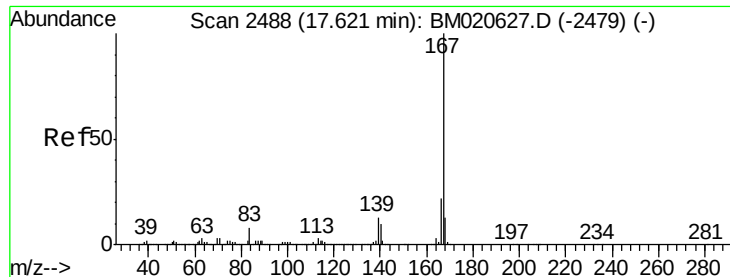
Tot Ion:178 Resp: 1788876
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.3 12.2 18.4



#72
Anthracene
Concen: 11.925 ng
RT: 17.34 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Tgt Ion:178 Resp: 1823260
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.6 12.3 18.5





#73

Carbazole

Concen: 11.182 ng

RT: 17.62 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampled :

PB120172BS

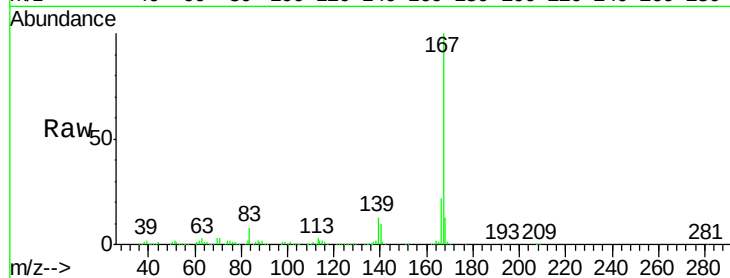
Tot Ion:167 Resp: 1551492

Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

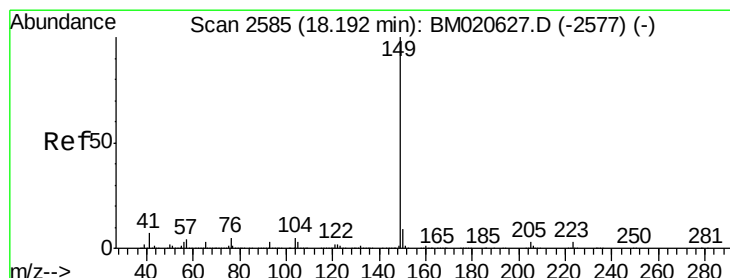
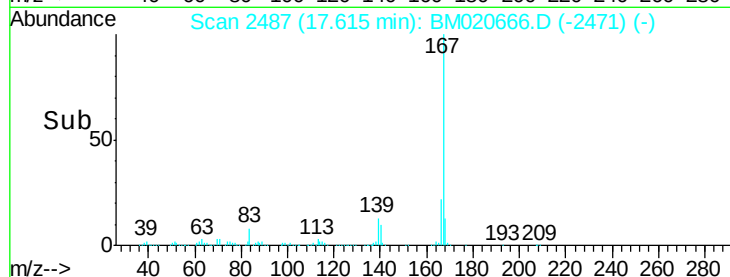
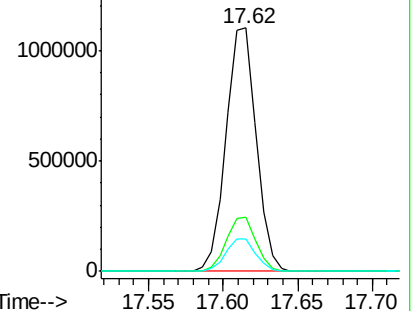
139 13.1 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 10.386 ng

RT: 18.18 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

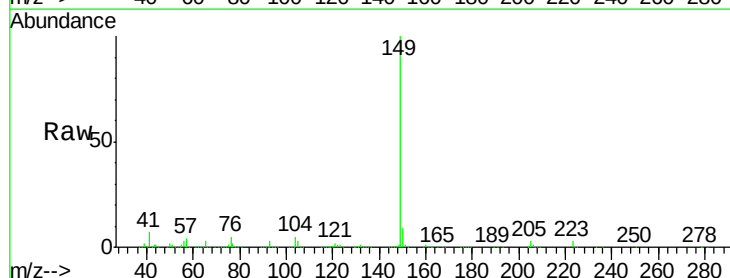
Tgt Ion:149 Resp: 1870650

Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

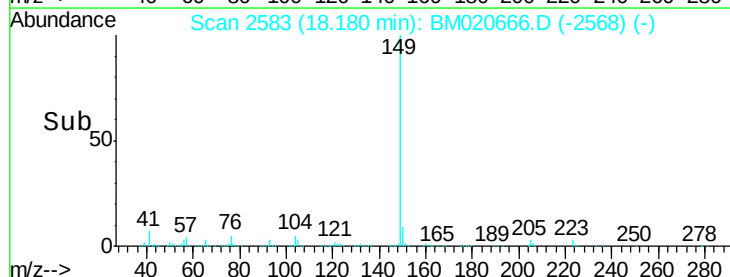
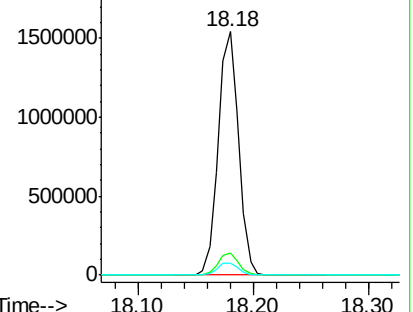
104 5.1 4.2 6.2

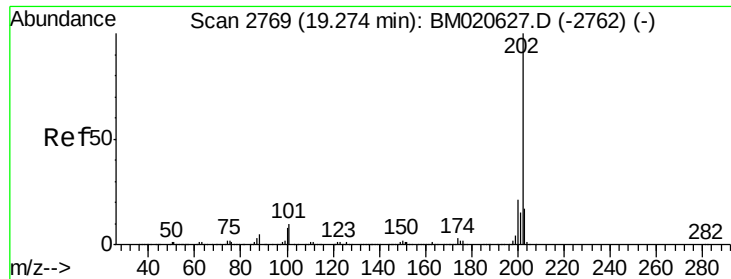


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 10.944 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

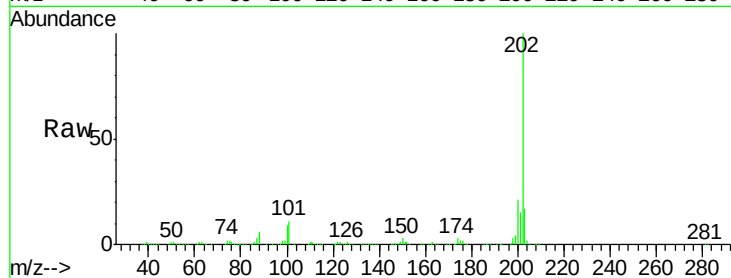
Tot Ion:202 Resp: 1859183

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.4

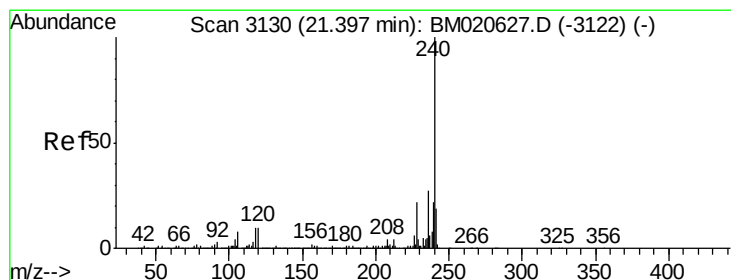
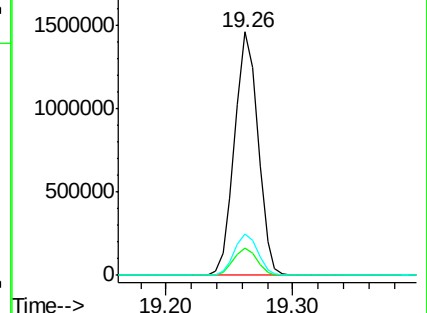
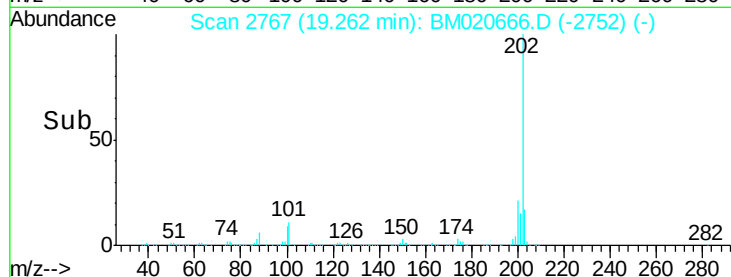
203 17.2 0.0 37.3



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: BM020666.D

Acq: 03 Jun 2019 12:16

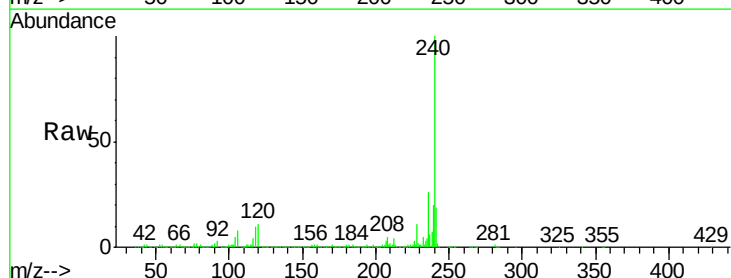
Tgt Ion:240 Resp: 2386071

Ion Ratio Lower Upper

240 100

120 10.7 8.2 12.2

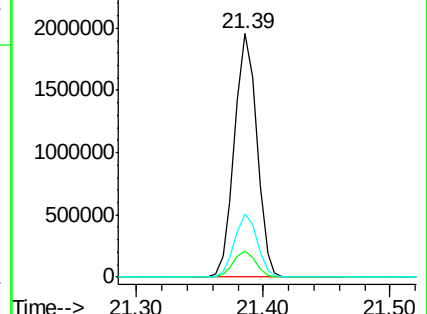
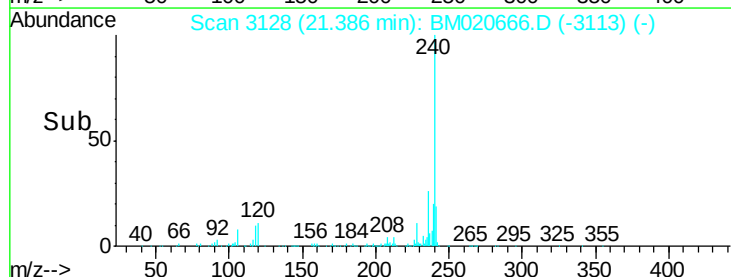
236 25.8 21.2 31.8

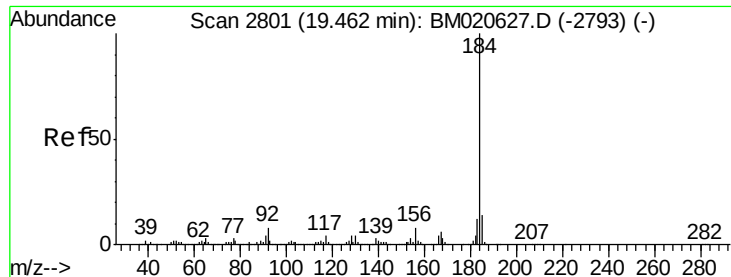


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.033 ng

RT: 19.46 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

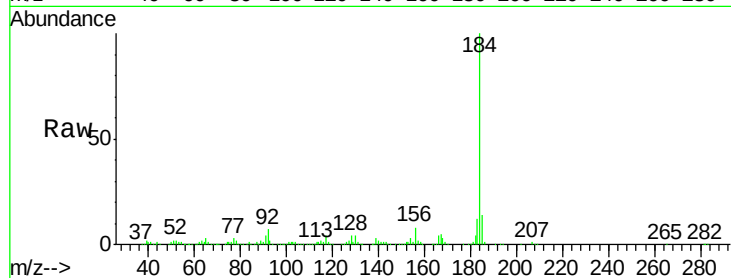
Tot Ion:184 Resp: 797681

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

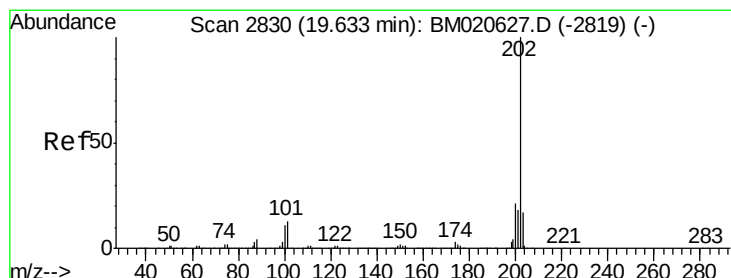
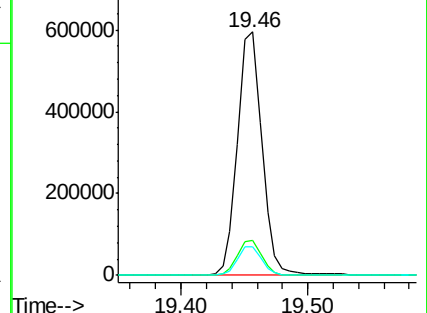
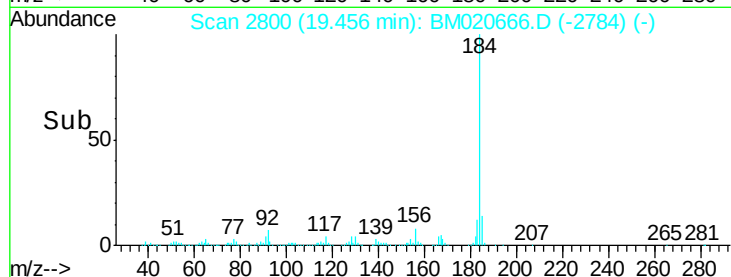
183 11.9 9.8 14.6



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: 10.422 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

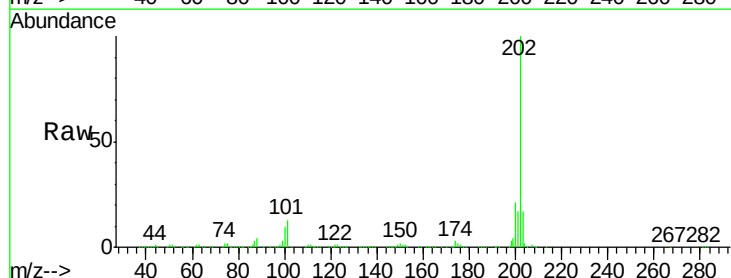
Tgt Ion:202 Resp: 1908365

Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

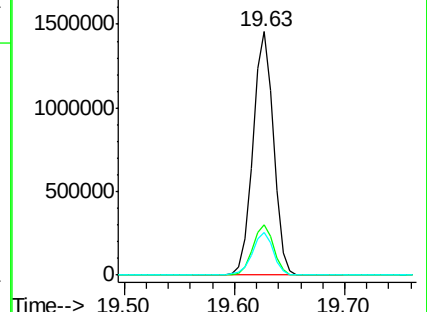
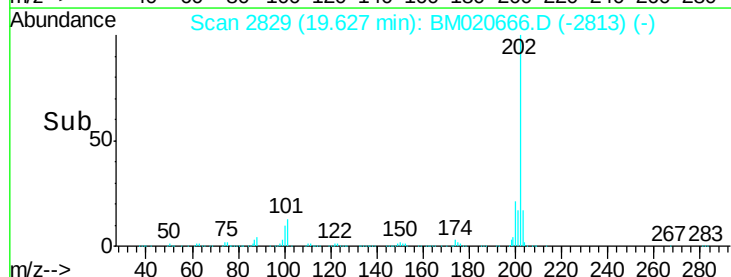
203 17.4 13.9 20.9

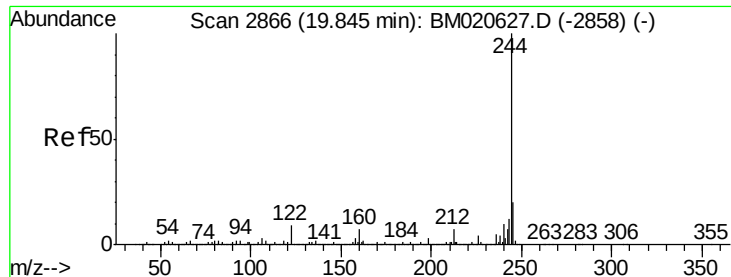


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 58.501 ng

RT: 19.84 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

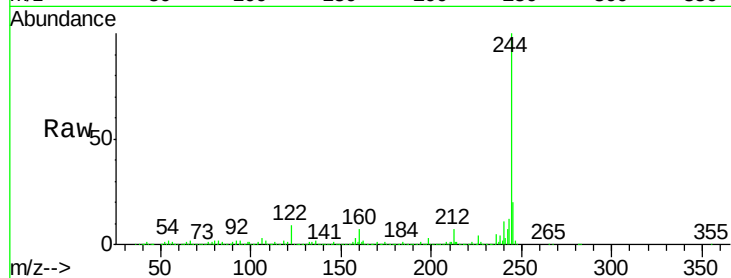
BNA_M

ClientSampleId :

PB120172BS

Tot Ion:244 Resp: 8345367

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	9.3	7.2	10.8

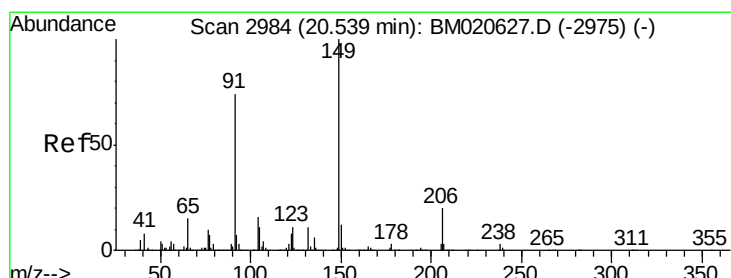
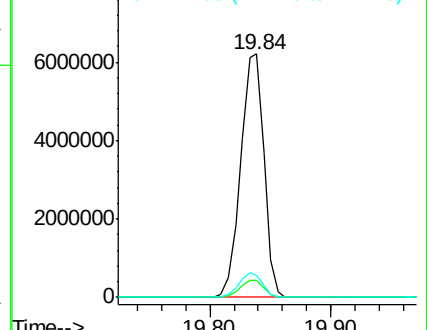
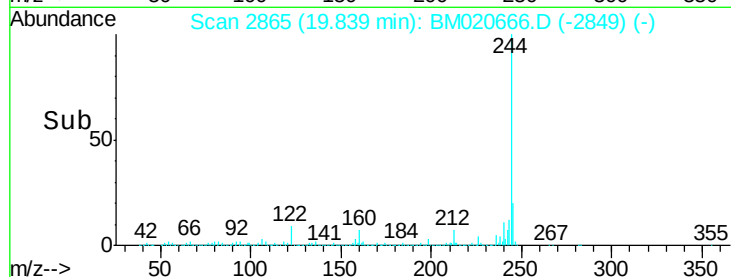


Abundance

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: 9.712 ng

RT: 20.53 min Scan# 2982

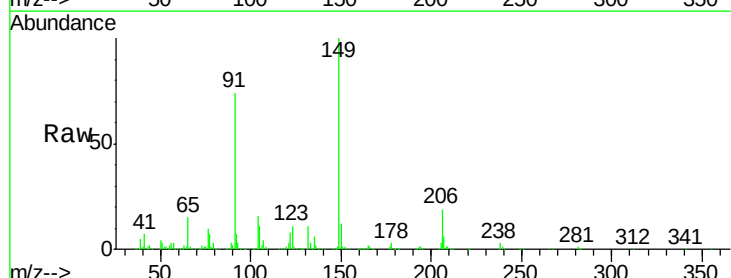
Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Tgt Ion:149 Resp: 751514

Ion	Ratio	Lower	Upper
149	100		
91	73.8	59.6	89.4
206	18.5	15.7	23.5

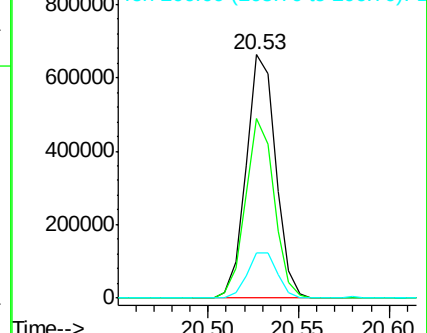
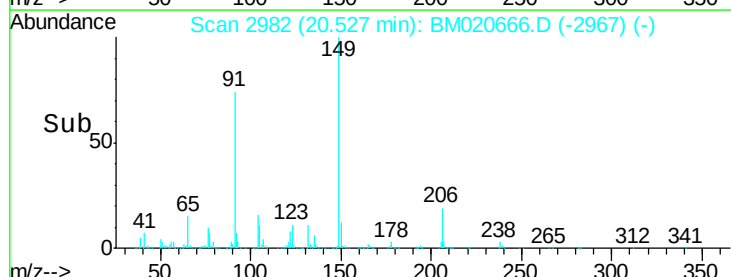


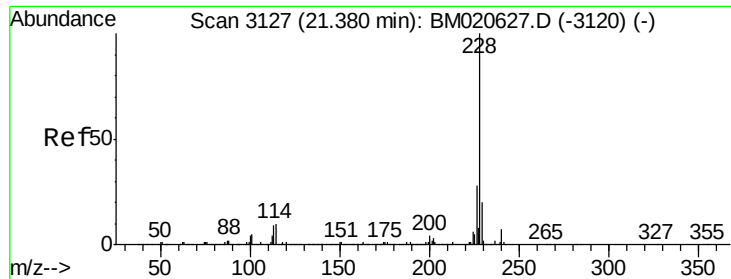
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

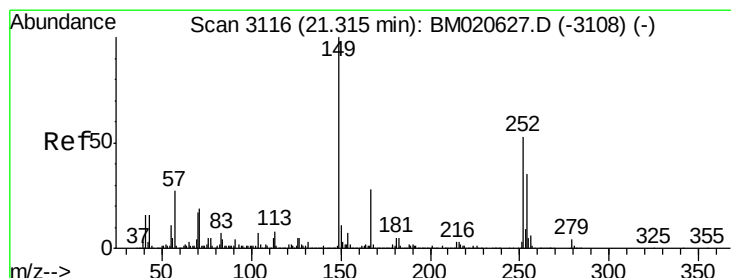
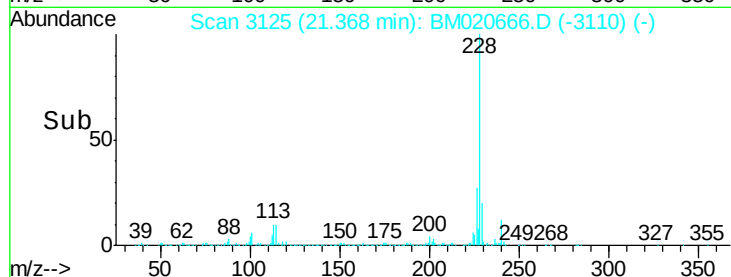
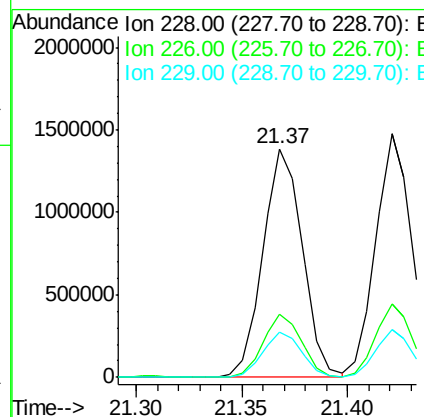
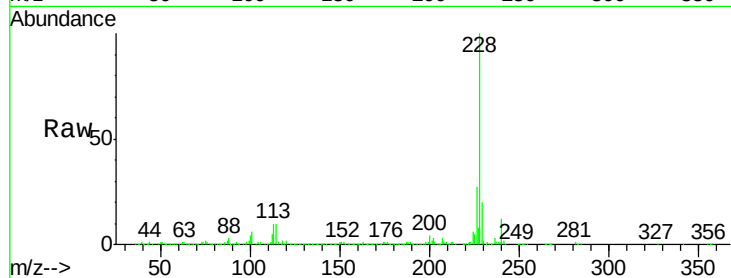




#81
Benzo(a)anthracene
Concen: 10.846 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

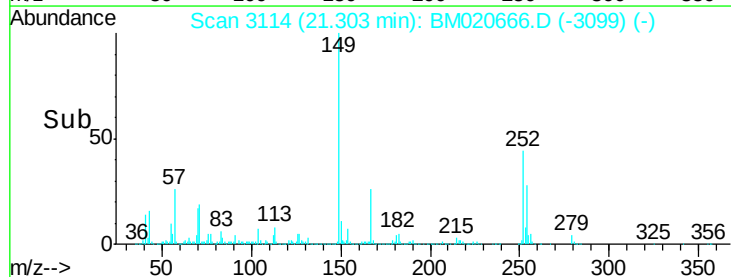
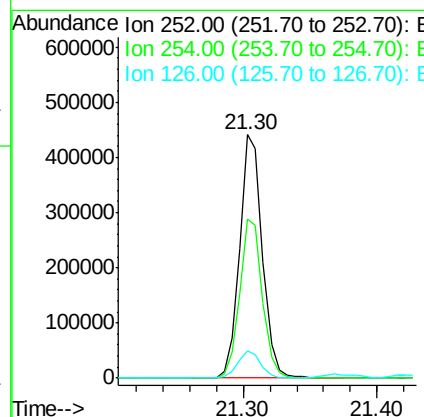
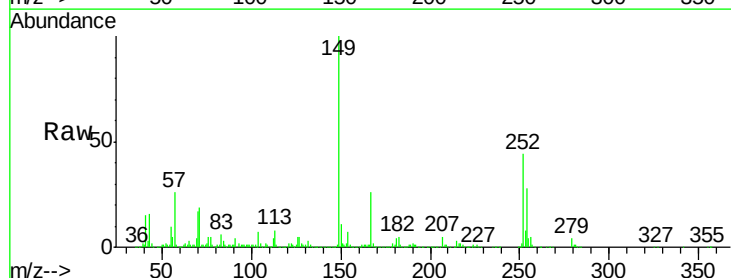
Instrument :
BNA_M
ClientSampleId :
PB120172BS

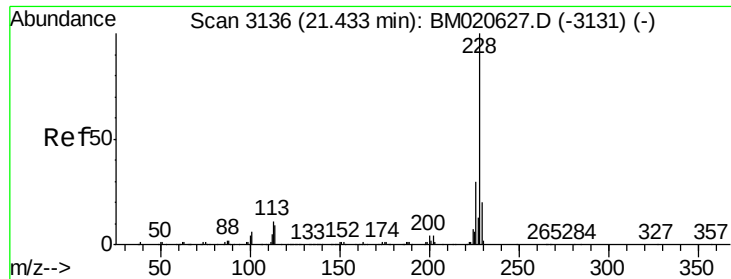
Tot Ion:228 Resp: 1802228
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 19.8 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 8.590 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Tgt Ion:252 Resp: 522655
Ion Ratio Lower Upper
252 100
254 65.3 52.6 78.8
126 11.1 8.0 12.0

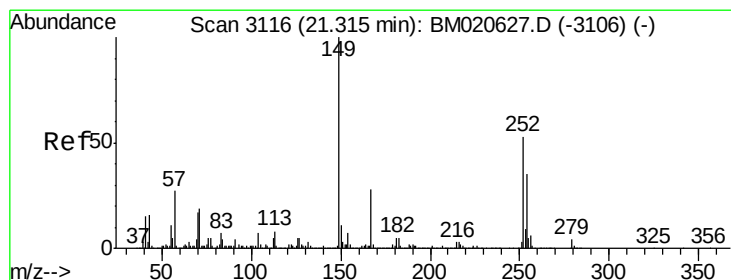
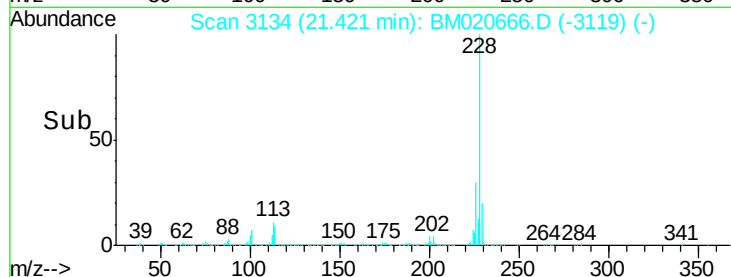
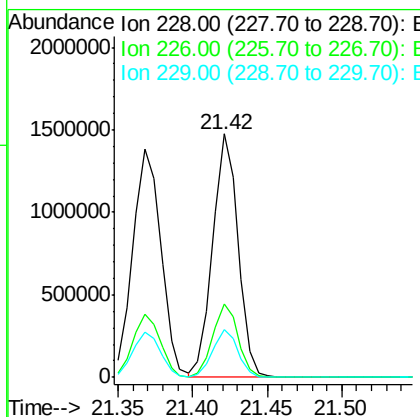
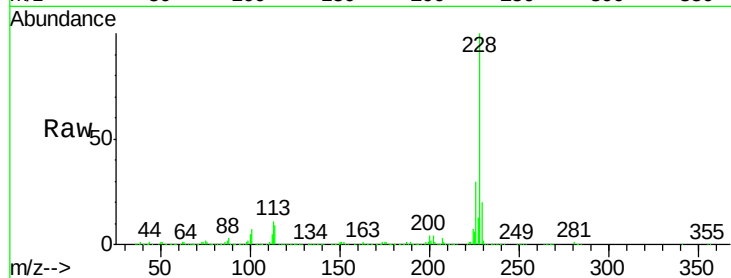




#83
 Chrysene
 Concen: 11.113 ng
 RT: 21.42 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BM020666.D
 Acq: 03 Jun 2019 12:16

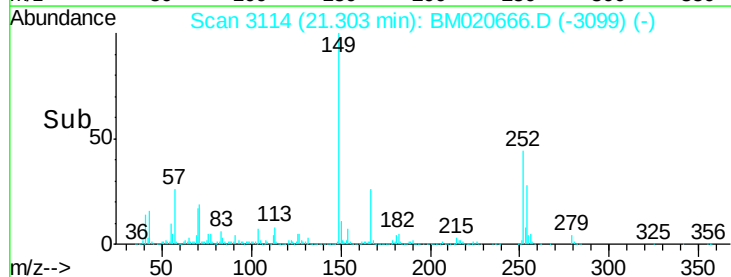
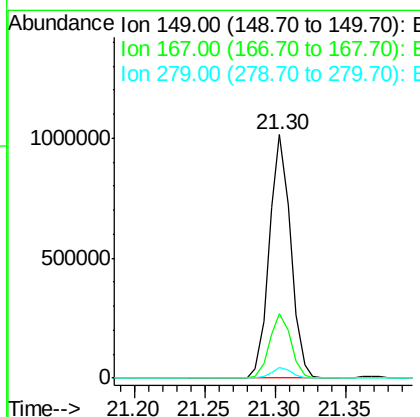
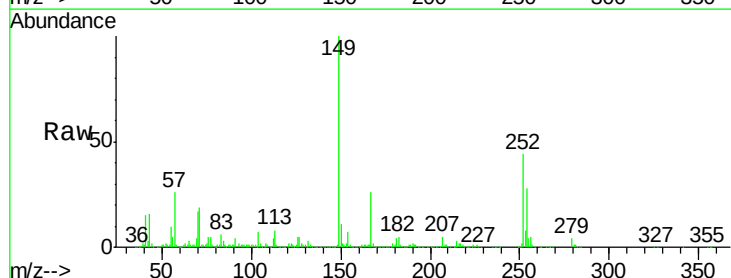
Instrument :
 BNA_M
 ClientSampleId :
 PB120172BS

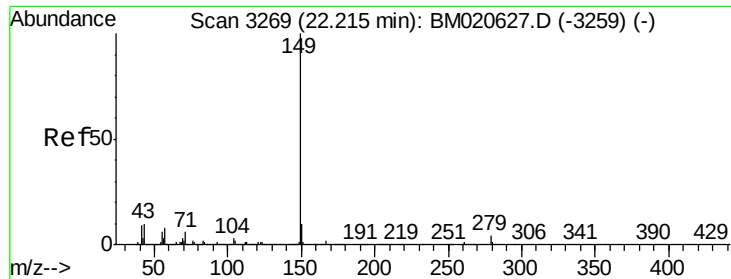
Tot Ion:228 Resp: 1755356
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.2 36.2
 229 19.7 15.8 23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.606 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM020666.D
 Acq: 03 Jun 2019 12:16

Tgt Ion:149 Resp: 1080282
 Ion Ratio Lower Upper
 149 100
 167 26.3 22.1 33.1
 279 4.2 3.4 5.0

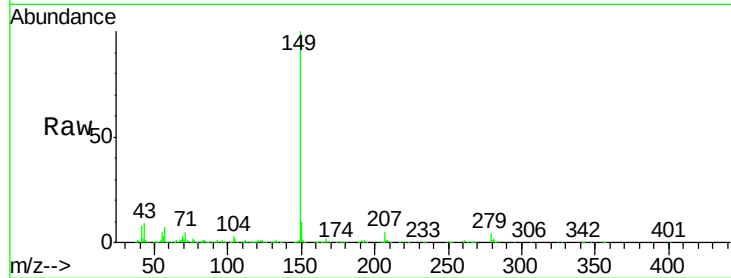




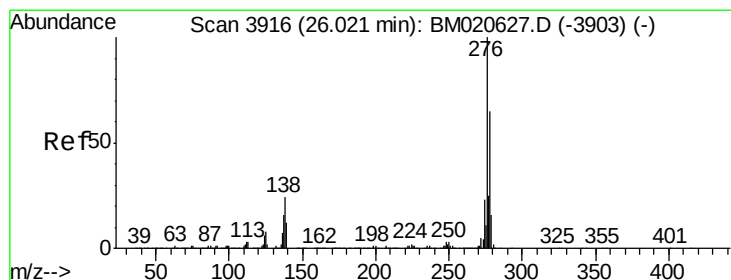
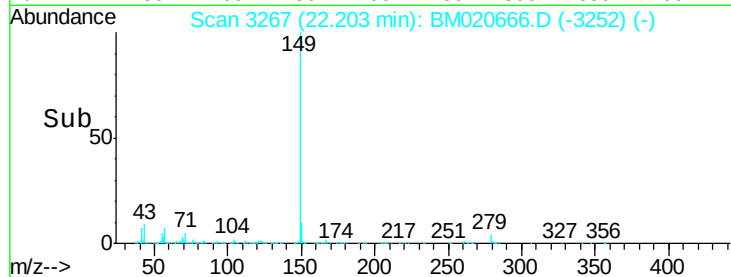
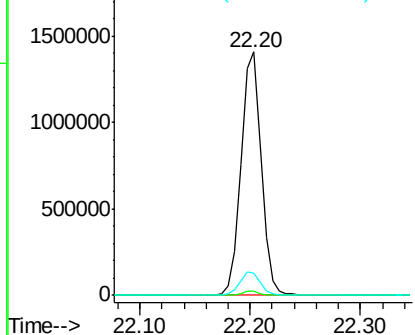
#85
Di-n-octyl phthalate
Concen: 10.177 ng
RT: 22.20 min Scan# 3267
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion:149 Resp: 1817073
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.8 8.2 12.4

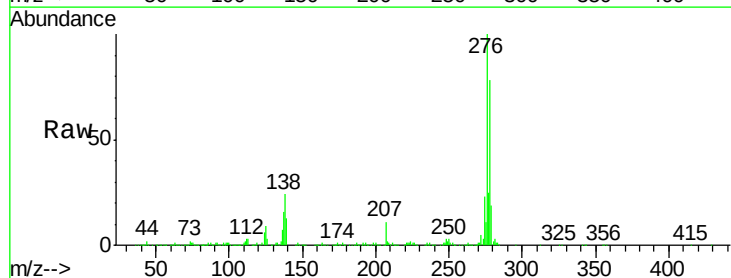


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

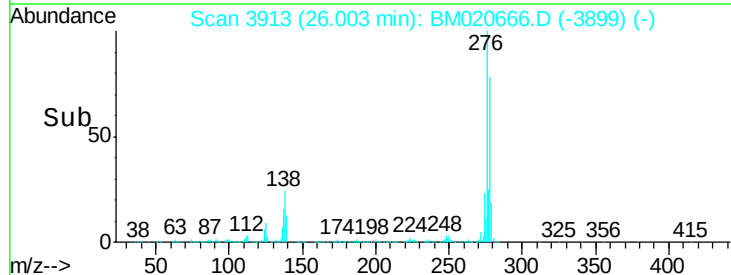
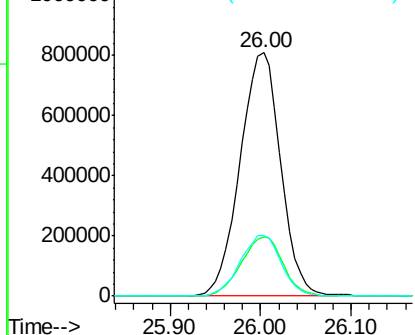


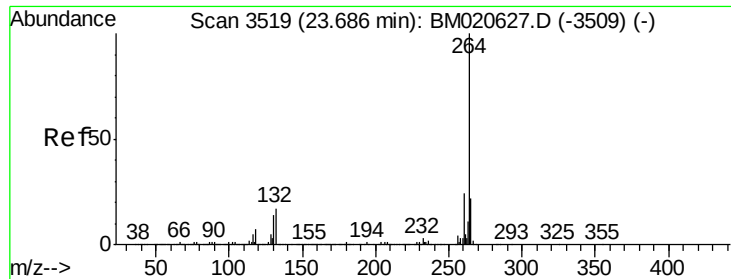
#86
Indeno(1,2,3-cd)pyrene
Concen: 15.582 ng
RT: 26.00 min Scan# 3913
Delta R.T. -0.02 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Tgt Ion:276 Resp: 2517895
Ion Ratio Lower Upper
276 100
138 25.0 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



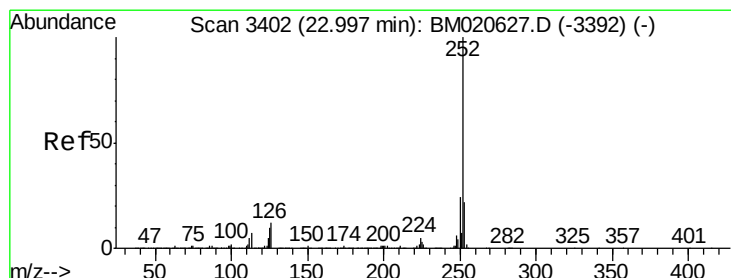
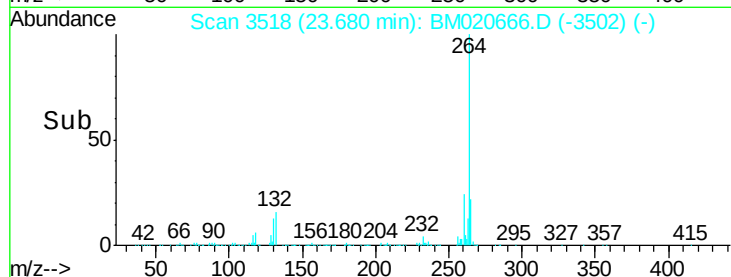
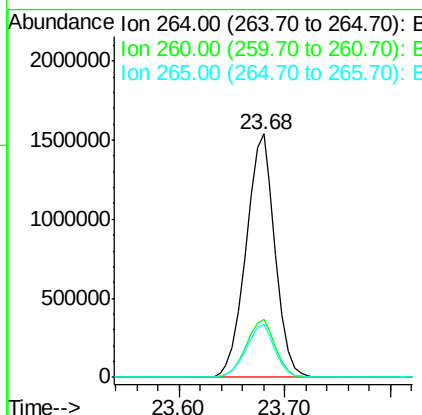
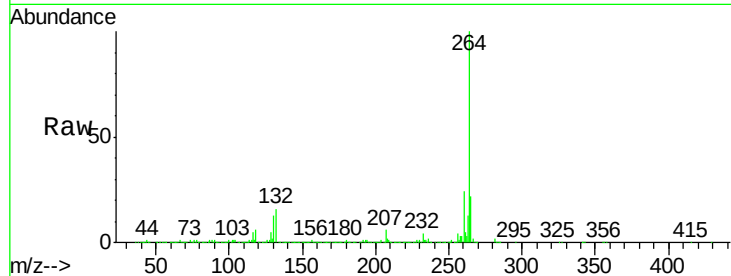


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.68 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB120172BS

Tot Ion:264 Resp: 2927980

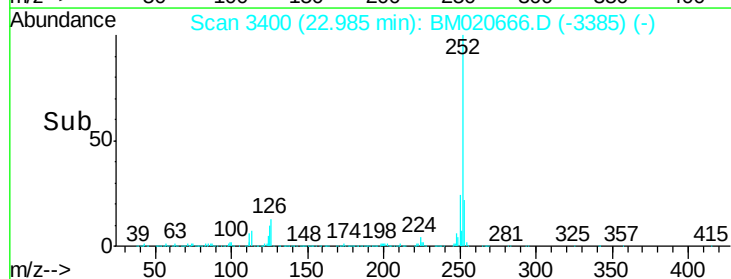
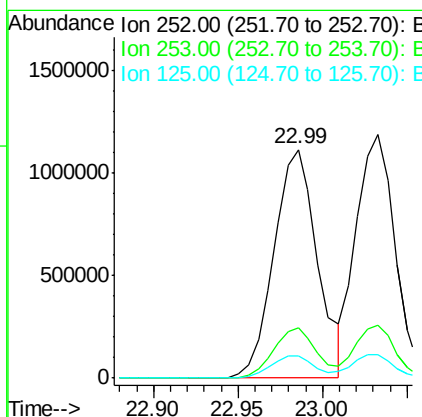
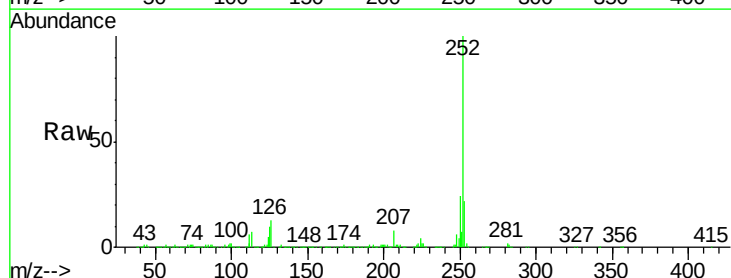
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.6	26.4

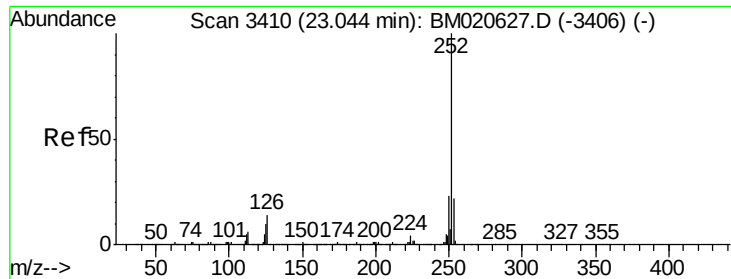


#88
Benzo(b)fluoranthene
Concen: 10.314 ng
RT: 22.99 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BM020666.D
Acq: 03 Jun 2019 12:16

Tgt Ion:252 Resp: 1995939

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.0	7.8	11.8





#89

Benzo(k)fluoranthene

Concen: 10.001 ng

RT: 23.03 min Scan# 3408

Delta R.T. -0.01 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

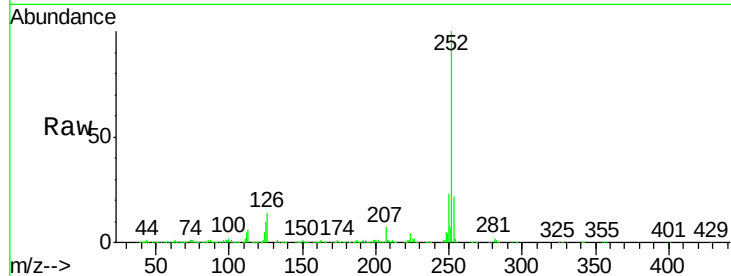
Tot Ion:252 Resp: 1891438

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

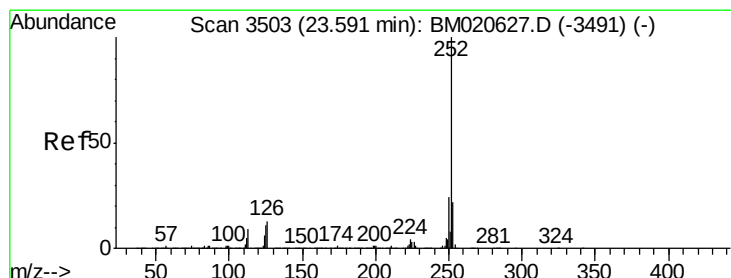
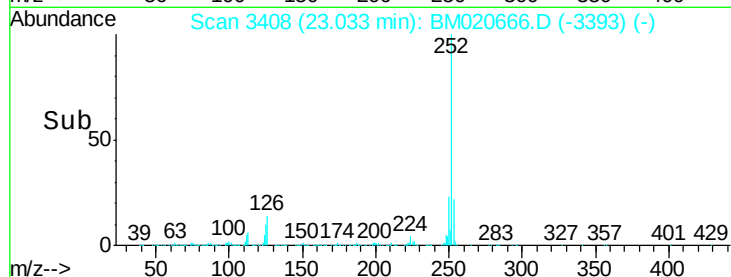
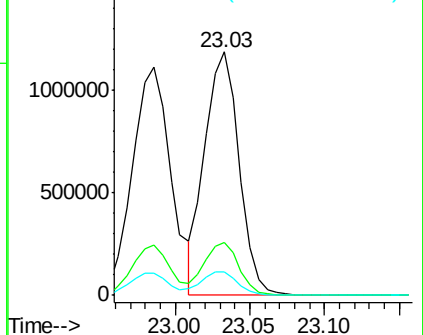
125 9.8 7.8 11.8



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



#90

Benzo(a)pyrene

Concen: 11.091 ng

RT: 23.57 min Scan# 3500

Delta R.T. -0.02 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

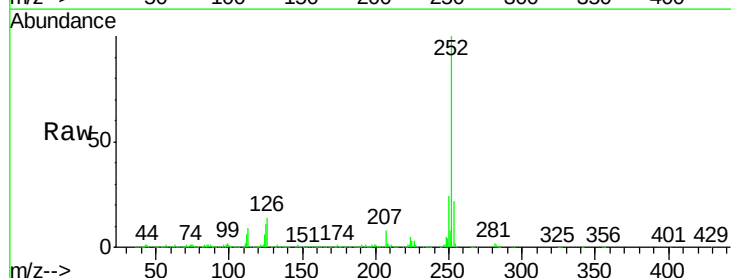
Tgt Ion:252 Resp: 1946801

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

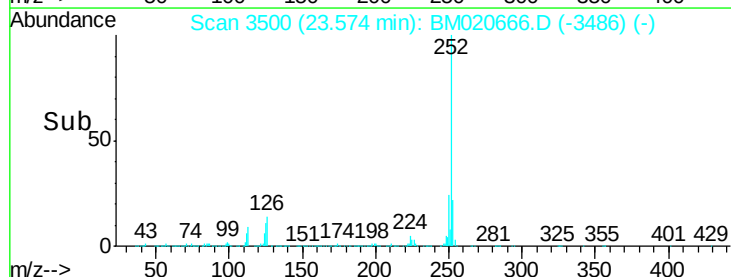
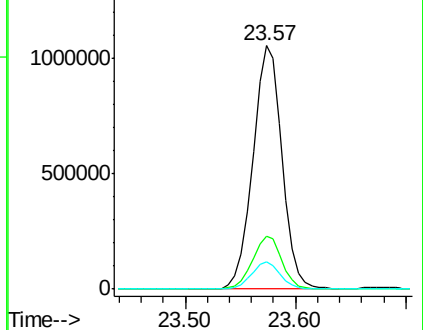
125 11.3 8.6 13.0

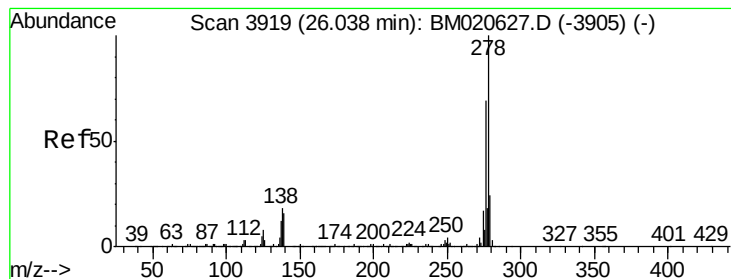


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 12.316 ng

RT: 26.01 min Scan# 3915

Delta R.T. -0.02 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB120172BS

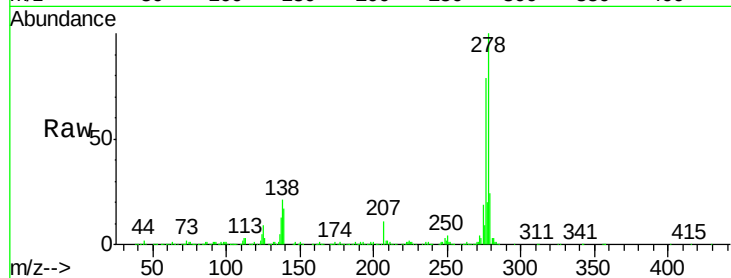
Tot Ion:278 Resp: 2097414

Ion Ratio Lower Upper

278 100

139 16.5 12.6 18.8

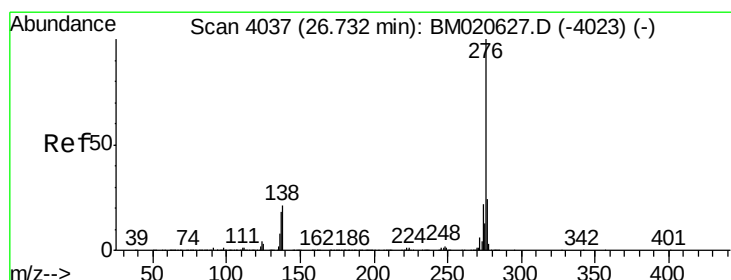
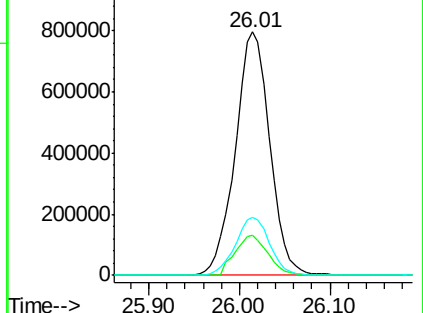
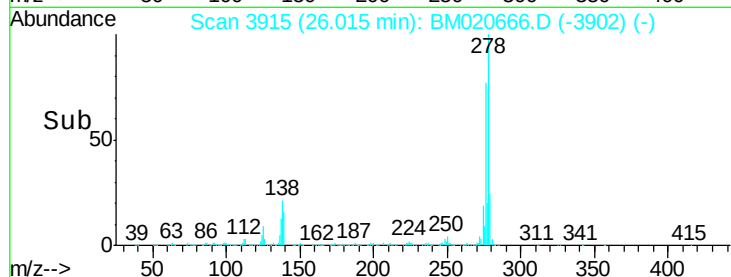
279 23.9 19.0 28.6



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: 13.088 ng

RT: 26.71 min Scan# 4034

Delta R.T. -0.02 min

Lab File: BM020666.D

Acq: 03 Jun 2019 12:16

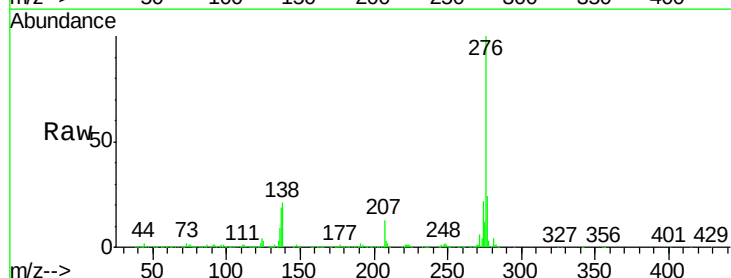
Tgt Ion:276 Resp: 2070318

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 21.4 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

