

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052319\
 Data File : BM020521.D
 Acq On : 23 May 2019 18:21
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 24 02:09:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	43410	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	151553	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	92902	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	233142	20.00	ng	0.00
76) Chrysene-d12	21.28	240	268852	20.00	ng	0.00
87) Perylene-d12	23.52	264	298754	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	244542	92.08	ng	0.00
7) Phenol-d6	6.85	99	318526	87.79	ng	0.00
23) Nitrobenzene-d5	8.84	82	336465	87.65	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	154797	107.35	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	689470	91.31	ng	0.00
79) Terphenyl-d14	19.72	244	1357287	88.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	60417	46.386	ng	# 85
3) Pyridine	3.59	79	155041	46.543	ng	89
4) n-Nitrosodimethylamine	3.50	42	37051	34.686	ng	# 47
6) Aniline	7.00	93	190346	41.678	ng	93
8) 2-Chlorophenol	7.23	128	127491	44.089	ng	94
9) Benzaldehyde	6.83	77	100488	36.595	ng	93
10) Phenol	6.87	94	171390	43.882	ng	87
11) bis(2-Chloroethyl)ether	7.10	93	122246	43.063	ng	94
12) 1,3-Dichlorobenzene	7.56	146	151453	45.016	ng	# 93
13) 1,4-Dichlorobenzene	7.70	146	152275	44.804	ng	96
14) 1,2-Dichlorobenzene	8.02	146	141844	43.806	ng	96
15) Benzyl Alcohol	7.92	79	117060	33.461	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	80765	34.311	ng	91
17) 2-Methylphenol	8.12	107	103379	41.117	ng	94
18) Hexachloroethane	8.73	117	57577	40.629	ng	88
19) n-Nitroso-di-n-propylamine	8.48	70	109654	35.327	ng	93
20) 3+4-Methylphenols	8.45	107	135741	40.622	ng	94
22) Acetophenone	8.50	105	182277	44.007	ng	# 93
24) Nitrobenzene	8.89	77	170074	42.731	ng	93
25) Isophorone	9.40	82	280854	42.426	ng	98
26) 2-Nitrophenol	9.59	139	62461	51.982	ng	91
27) 2,4-Dimethylphenol	9.65	122	86360	43.170	ng	96
28) bis(2-Chloroethoxy)methane	9.88	93	154247	42.782	ng	99
29) 2,4-Dichlorophenol	10.12	162	119589	47.408	ng	95
30) 1,2,4-Trichlorobenzene	10.32	180	152090	49.000	ng	97
31) Naphthalene	10.51	128	353098	44.897	ng	100
32) Benzoic acid	9.79	122	56599	40.899	ng	# 83
33) 4-Chloroaniline	10.64	127	129958	40.148	ng	98
34) Hexachlorobutadiene	10.77	225	111449	50.758	ng	96
35) Caprolactam	11.45	113	31079	41.204	ng	94
36) 4-Chloro-3-methylphenol	11.76	107	121871	41.112	ng	95
37) 2-Methylnaphthalene	12.13	142	249368	43.492	ng	95
38) 1-Methylnaphthalene	12.35	142	246521	43.969	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	182191	50.126	ng	# 97

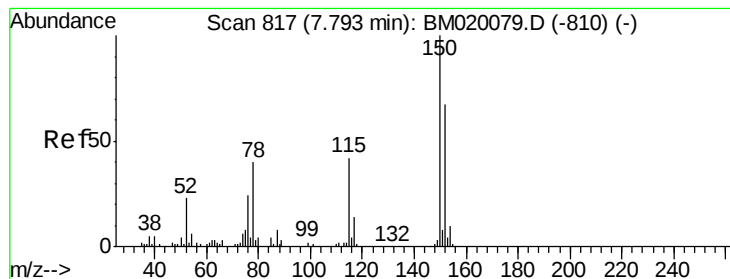
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052319\
 Data File : BM020521.D
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 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	79974	37.369	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	105004	50.833	ng	95
44) 2,4,5-Trichlorophenol	12.83	196	111822	48.457	ng	94
46) 1,1'-Biphenyl	13.16	154	338881	44.317	ng	98
47) 2-Chloronaphthalene	13.20	162	276409	45.274	ng	96
48) 2-Nitroaniline	13.42	65	73947	34.021	ng	95
49) Acenaphthylene	14.05	152	428711	43.876	ng	99
50) Dimethylphthalate	13.79	163	337182	42.703	ng	99
51) 2,6-Dinitrotoluene	13.93	165	73068	43.936	ng	88
52) Acenaphthene	14.39	154	245648	43.841	ng	99
53) 3-Nitroaniline	14.26	138	59455	38.519	ng	100
54) 2,4-Dinitrophenol	14.48	184	30733	41.458	ng	87
55) Dibenzofuran	14.73	168	432229	45.733	ng	95
56) 4-Nitrophenol	14.57	139	47743	36.253	ng	87
57) 2,4-Dinitrotoluene	14.72	165	100112	44.302	ng	97
58) Fluorene	15.38	166	346910	44.693	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	110251	50.275	ng	# 91
60) Diethylphthalate	15.16	149	326693	41.067	ng	98
61) 4-Chlorophenyl-phenylether	15.37	204	207320	47.140	ng	93
62) 4-Nitroaniline	15.43	138	54249	31.847	ng	97
63) Azobenzene	15.67	77	359826	38.342	ng	97
65) 4,6-Dinitro-2-methylphenol	15.49	198	52670	45.256	ng	90
66) n-Nitrosodiphenylamine	15.60	169	289298	42.170	ng	97
67) 4-Bromophenyl-phenylether	16.27	248	135719	47.472	ng	# 92
68) Hexachlorobenzene	16.38	284	159848	48.588	ng	93
69) Atrazine	16.55	200	104103	38.830	ng	98
70) Pentachlorophenol	16.73	266	88773	47.161	ng	92
71) Phenanthrene	17.13	178	578335	44.938	ng	99
72) Anthracene	17.22	178	557395	43.319	ng	99
73) Carbazole	17.50	167	491230	42.310	ng	98
74) Di-n-butylphthalate	18.04	149	535172	38.302	ng	99
75) Fluoranthene	19.15	202	759199	46.624	ng	99
77) Benzidine	19.35	184	293834	34.185	ng	99
78) Pyrene	19.52	202	777667	43.083	ng	99
80) Butylbenzylphthalate	20.41	149	243006	37.021	ng	97
81) Benzo(a)anthracene	21.26	228	817298	43.347	ng	98
82) 3,3'-Dichlorobenzidine	21.20	252	286434	39.804	ng	97
83) Chrysene	21.32	228	804823	44.014	ng	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	370323	36.357	ng	97
85) Di-n-octyl phthalate	22.06	149	658412	38.892	ng	96
86) Indeno(1,2,3-cd)pyrene	25.80	276	1020511	46.919	ng	# 100
88) Benzo(b)fluoranthene	22.84	252	846697	42.918	ng	98
89) Benzo(k)fluoranthene	22.89	252	805871	44.781	ng	99
90) Benzo(a)pyrene	23.43	252	785307	43.824	ng	99
91) Dibenzo(a,h)anthracene	25.81	278	851237	45.678	ng	98
92) Benzo(g,h,i)perylene	26.50	276	834622	47.173	ng	97

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

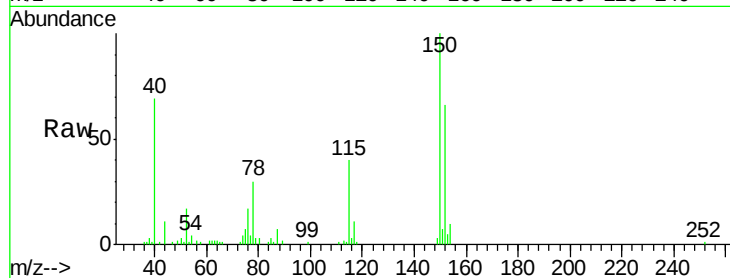


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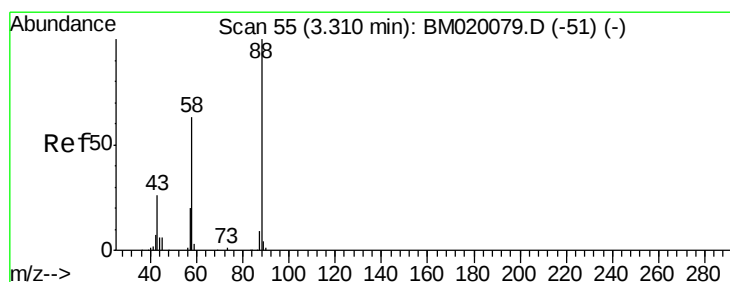
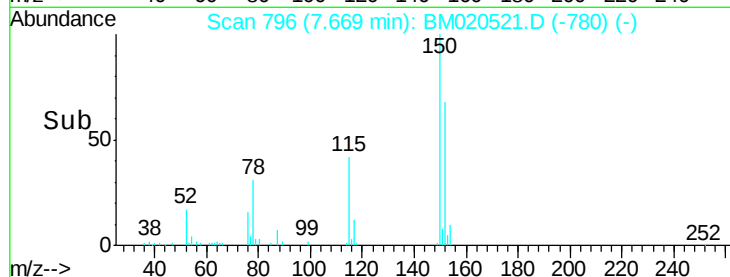
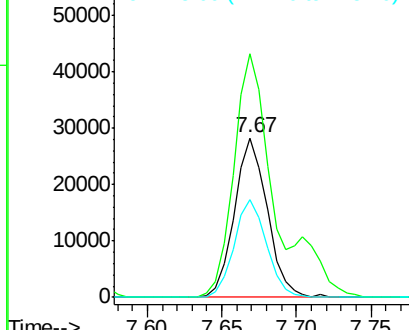
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020521.D
Acq: 23 May 2019 18:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 43410
Ion Ratio Lower Upper
152 100
150 152.6 119.8 179.8
115 61.1 50.8 76.2



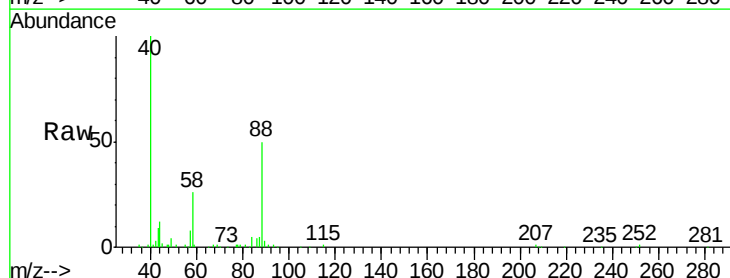
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



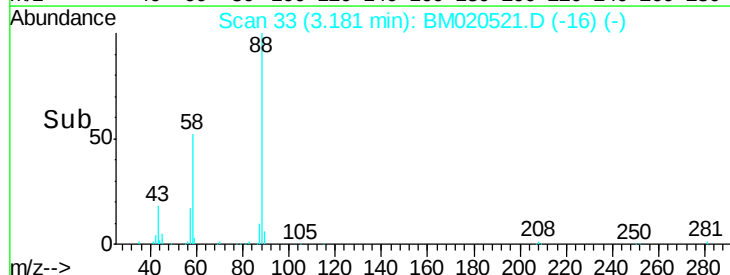
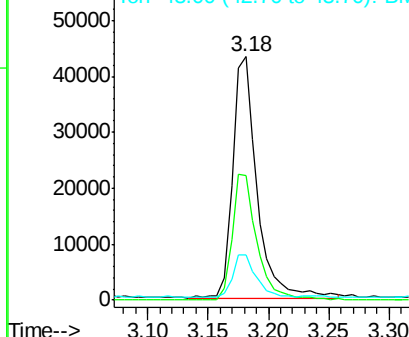
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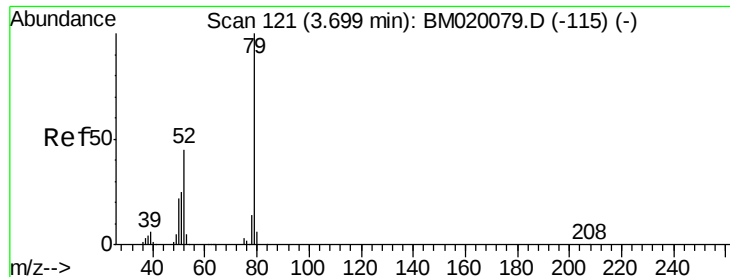
1,4-Dioxane
Concen: 46.386 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM020521.D
Acq: 23 May 2019 18:21

Tgt Ion: 88 Resp: 60417
Ion Ratio Lower Upper
88 100
58 53.0 51.8 77.6
43 17.6 20.3 30.5#



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





#3

Pyridine

Concen: 46.543 ng

RT: 3.59 min Scan# 102

Delta R.T. 0.00 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

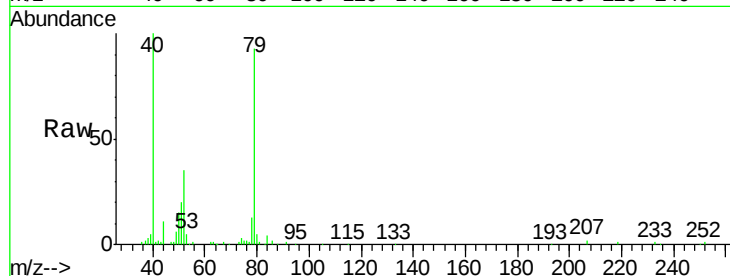
Tgt Ion: 79 Resp: 155041

Ion Ratio Lower Upper

79 100

52 37.3 35.7 53.5

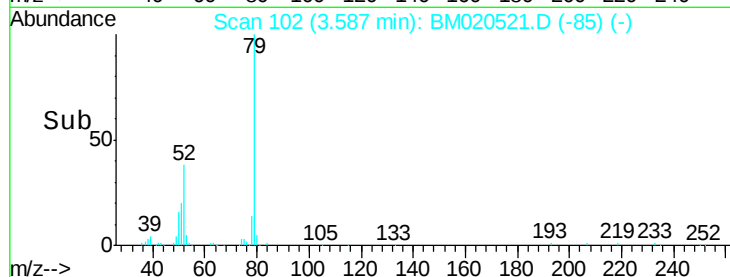
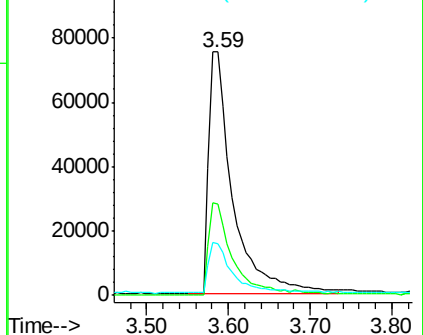
51 21.0 20.8 31.2



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

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

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



#4

n-Nitrosodimethylamine

Concen: 34.686 ng

RT: 3.50 min Scan# 88

Delta R.T. 0.00 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

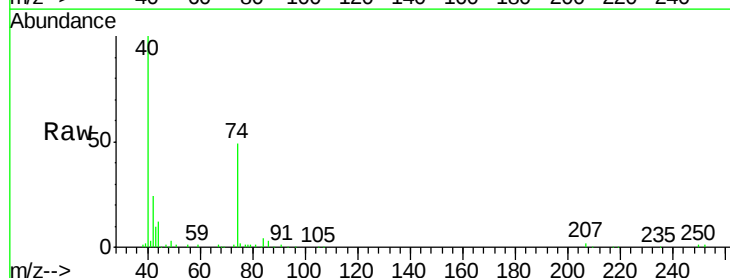
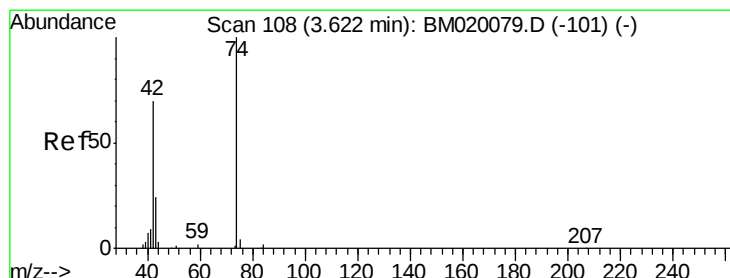
Tgt Ion: 42 Resp: 37051

Ion Ratio Lower Upper

42 100

74 203.7 113.7 170.5#

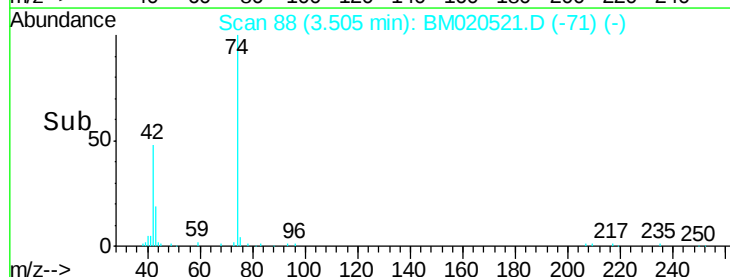
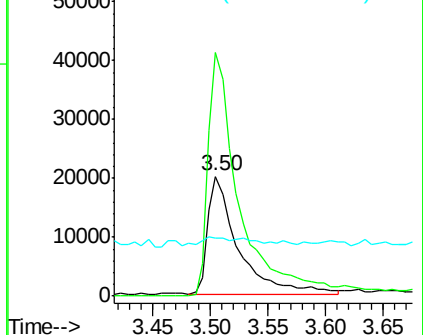
44 48.3 3.9 5.9#

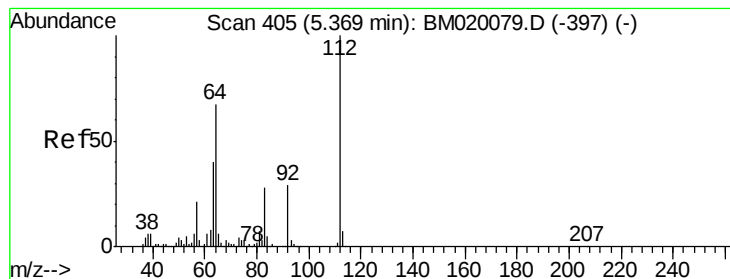


Abundance Ion 42.00 (41.70 to 42.70): BM020079.D (-101) (-)

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

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





#5

2-Fluorophenol

Concen: 92.082 ng

RT: 5.25 min Scan# 385

Delta R.T. 0.00 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

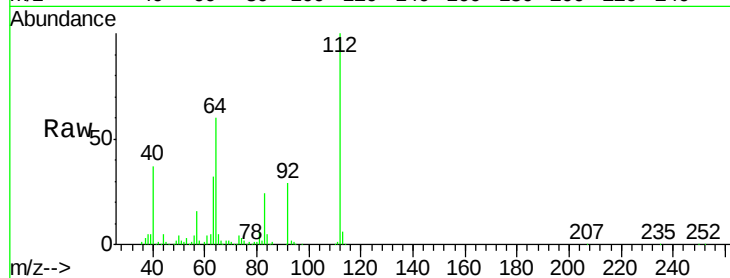
Tgt Ion: 112 Resp: 244542

Ion Ratio Lower Upper

112 100

64 59.9 53.8 80.6

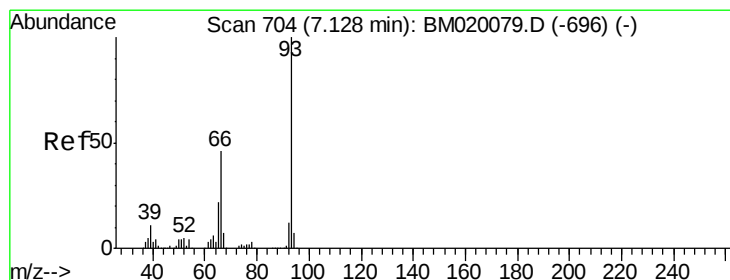
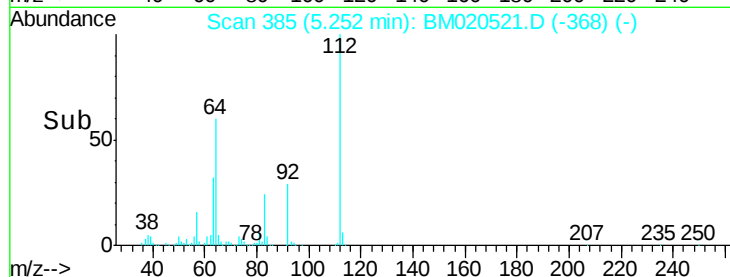
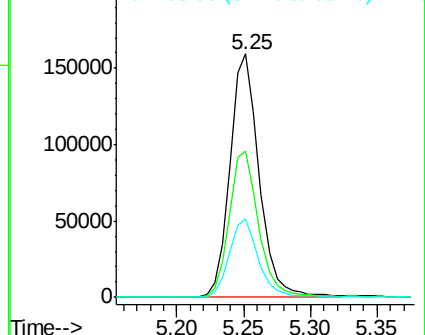
63 32.5 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 41.678 ng

RT: 7.00 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

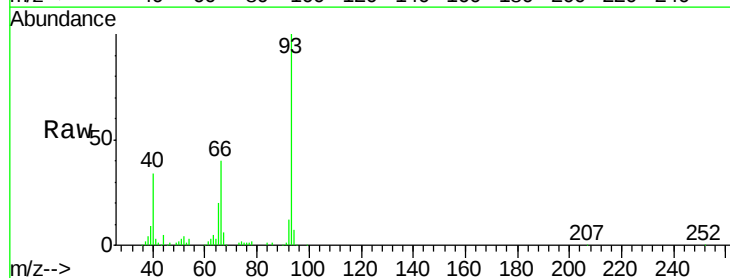
Tgt Ion: 93 Resp: 190346

Ion Ratio Lower Upper

93 100

66 40.0 36.6 54.8

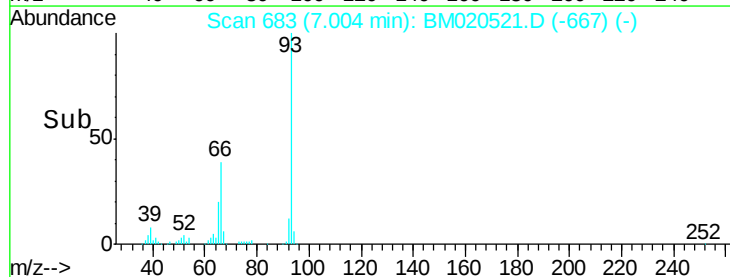
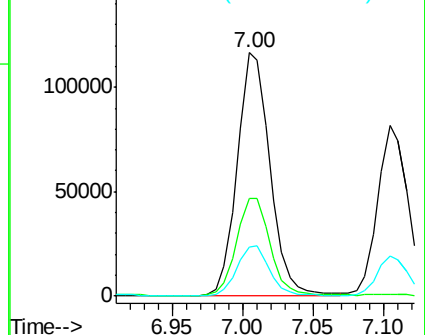
65 20.3 17.8 26.6

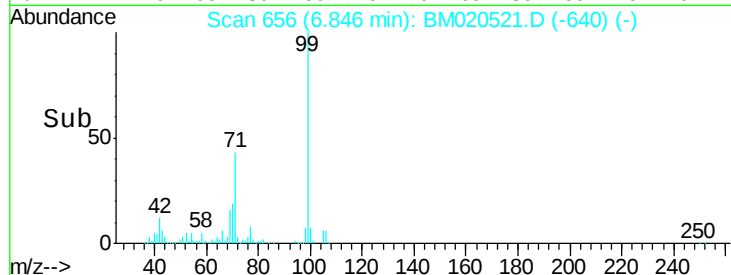
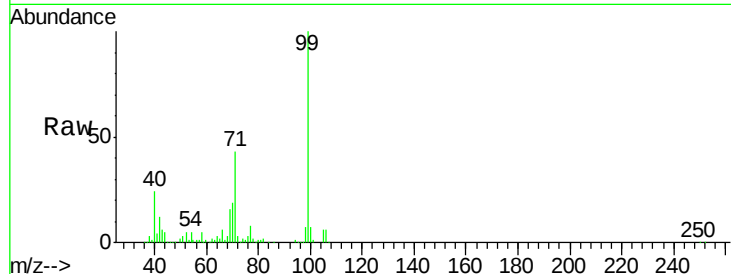
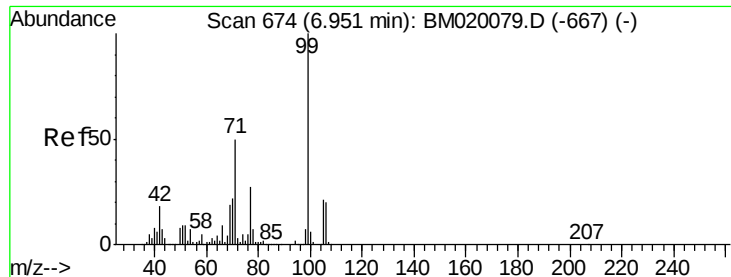


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B

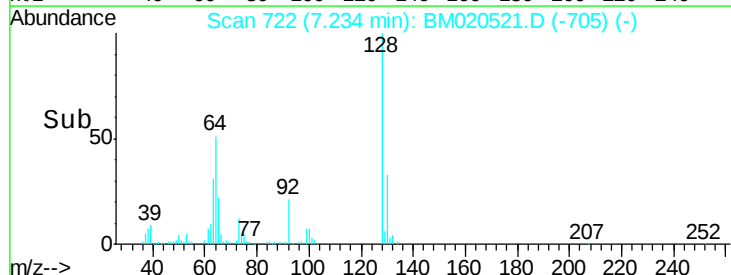
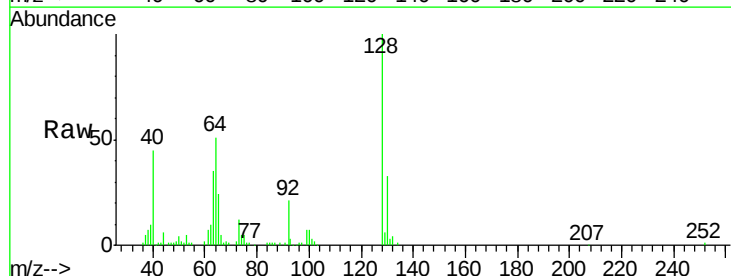
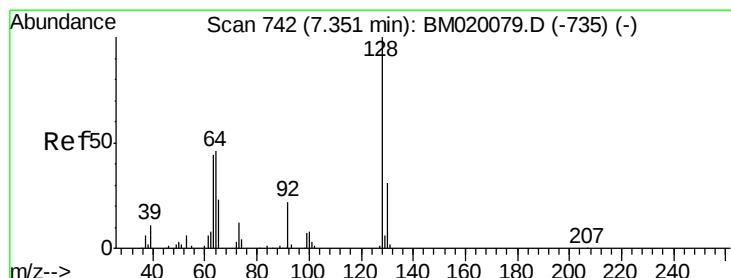
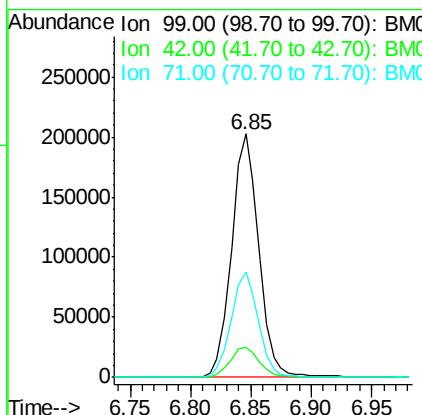




#7
Phenol-d6
Concen: 87.795 ng
RT: 6.85 min Scan# 656
Delta R.T. -0.01 min
Lab File: BM020521.D
Acq: 23 May 2019 18:21

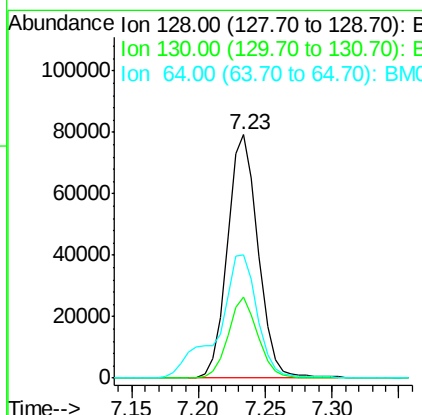
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

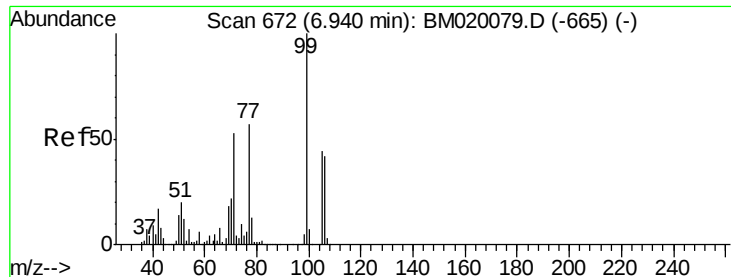
Tgt Ion: 99 Resp: 318526
Ion Ratio Lower Upper
99 100
42 12.5 14.2 21.2#
71 43.1 40.3 60.5



#8
2-Chlorophenol
Concen: 44.089 ng
RT: 7.23 min Scan# 722
Delta R.T. 0.00 min
Lab File: BM020521.D
Acq: 23 May 2019 18:21

Tgt Ion: 128 Resp: 127491
Ion Ratio Lower Upper
128 100
130 33.1 10.8 50.8
64 50.9 36.5 76.5





#9

Benzaldehyde

Concen: 36.595 ng

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

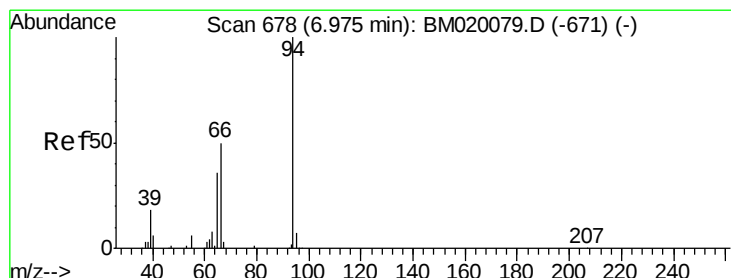
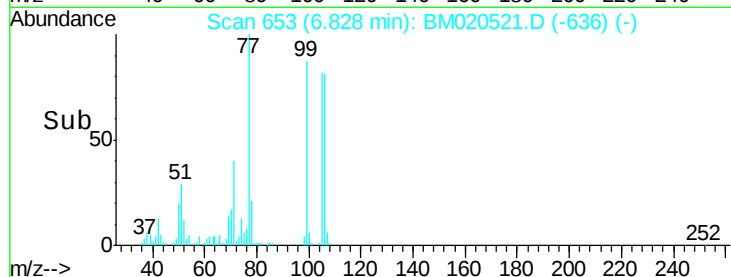
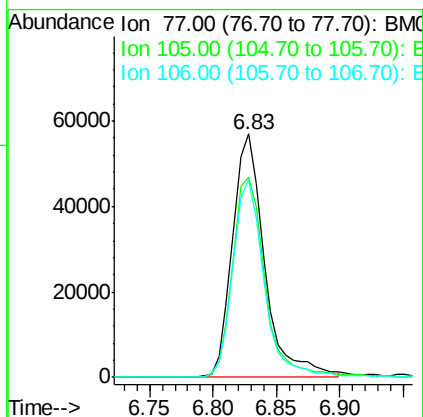
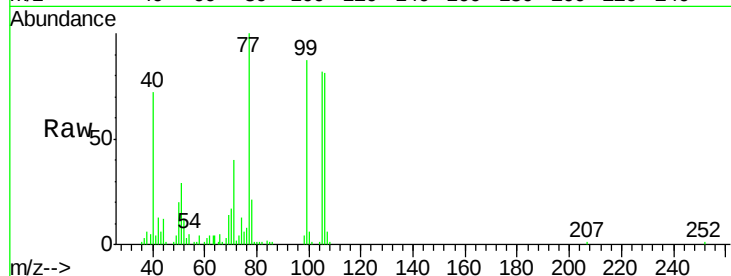
Tgt Ion: 77 Resp: 100488

Ion Ratio Lower Upper

77 100

105 81.9 57.8 97.8

106 80.9 53.6 93.6



#10

Phenol

Concen: 43.882 ng

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

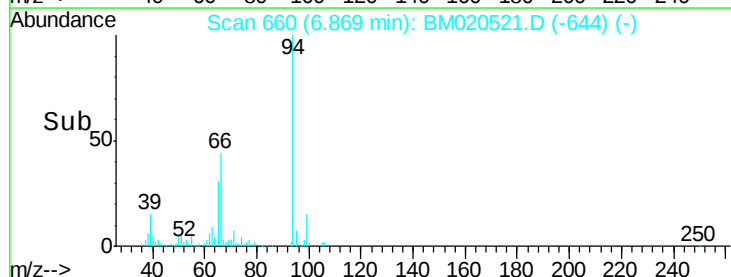
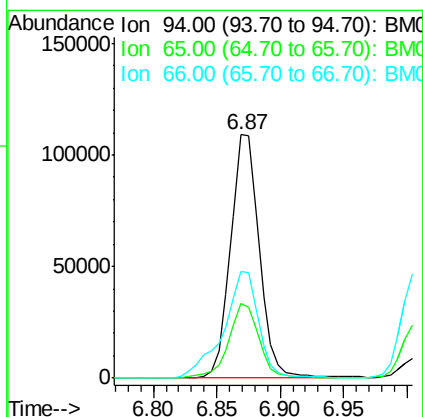
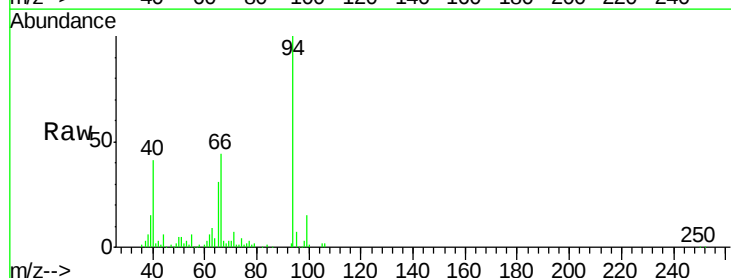
Tgt Ion: 94 Resp: 171390

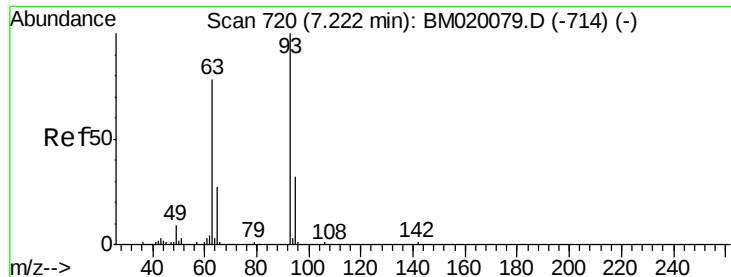
Ion Ratio Lower Upper

94 100

65 30.9 17.0 57.0

66 43.6 34.5 74.5

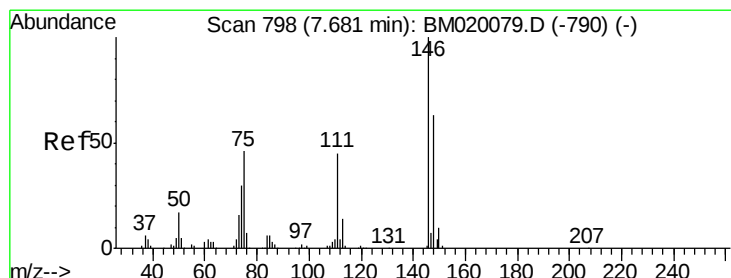
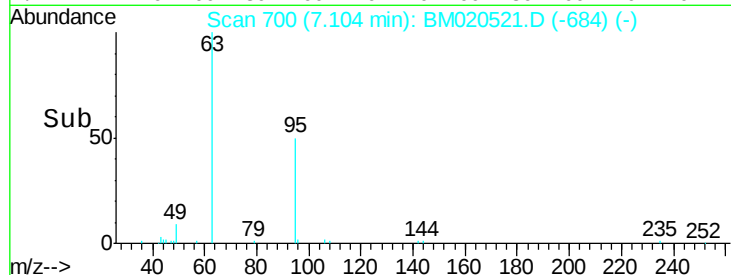
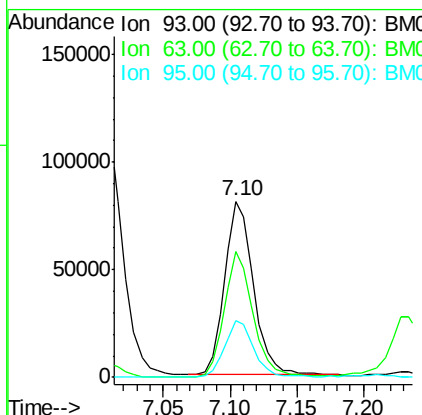
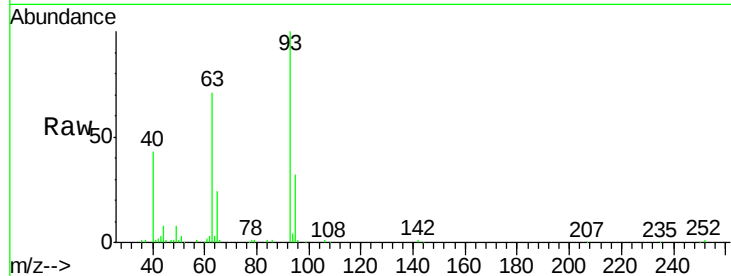




#11
 bis(2-Chloroethyl)ether
 Concen: 43.063 ng
 RT: 7.10 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

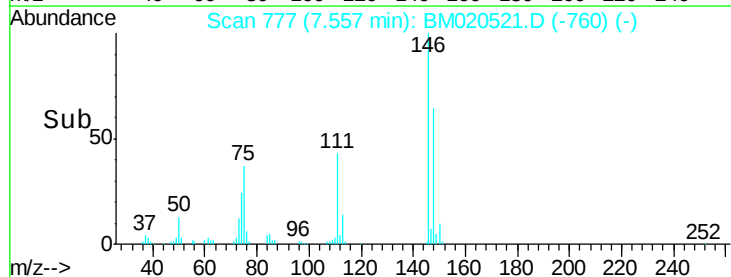
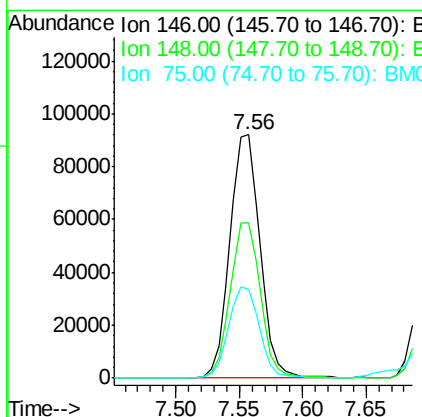
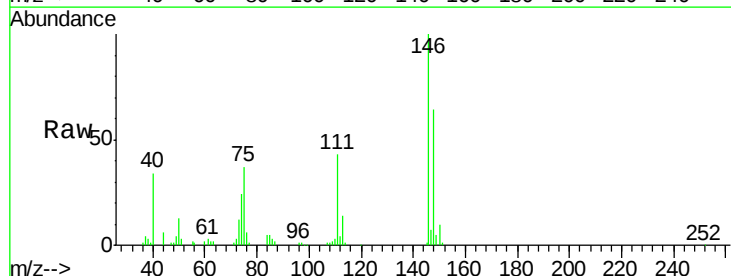
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

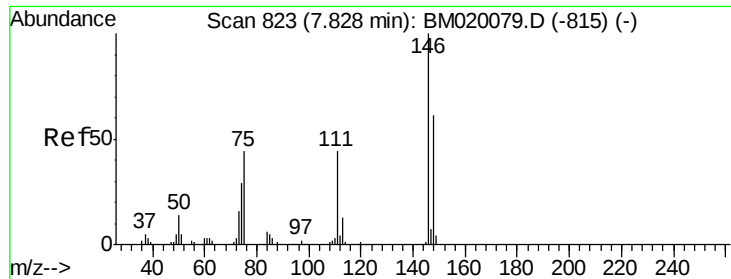
Tgt Ion: 93 Resp: 122246
 Ion Ratio Lower Upper
 93 100
 63 71.5 57.9 97.9
 95 32.3 11.3 51.3



#12
 1,3-Dichlorobenzene
 Concen: 45.016 ng
 RT: 7.56 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Tgt Ion: 146 Resp: 151453
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.1 75.1
 75 36.6 37.2 55.8#

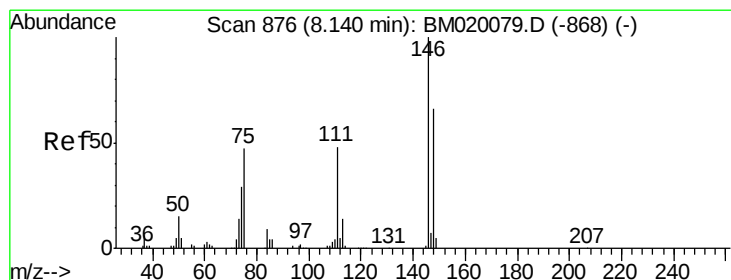
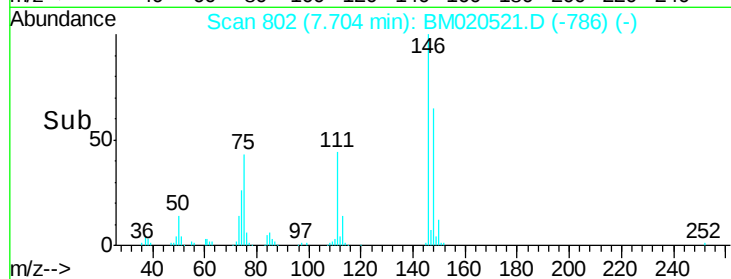
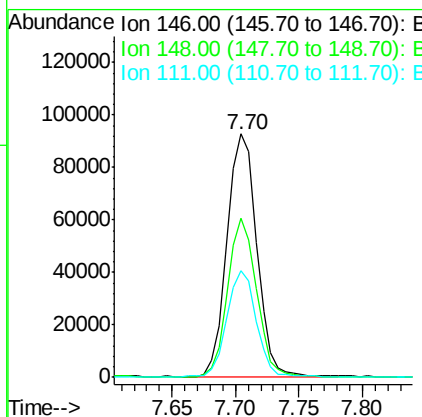
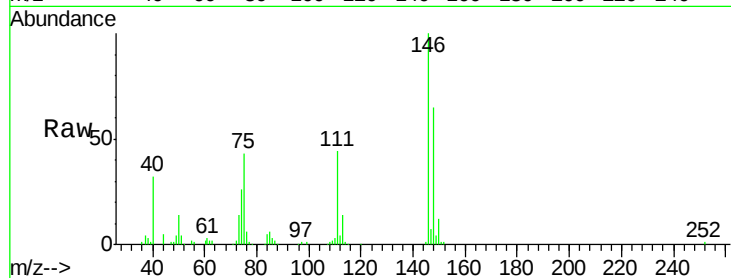




#13
 1,4-Dichlorobenzene
 Concen: 44.804 ng
 RT: 7.70 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

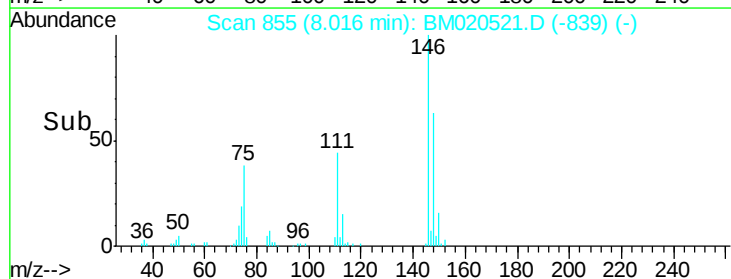
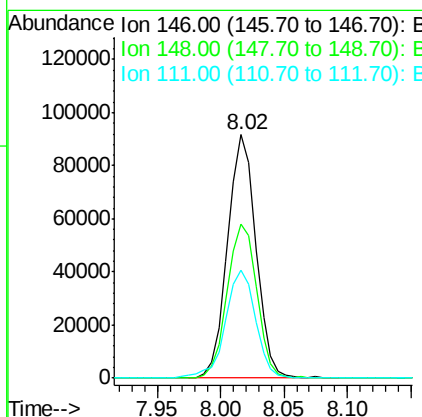
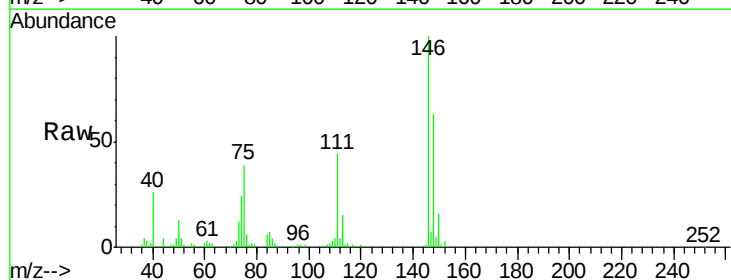
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

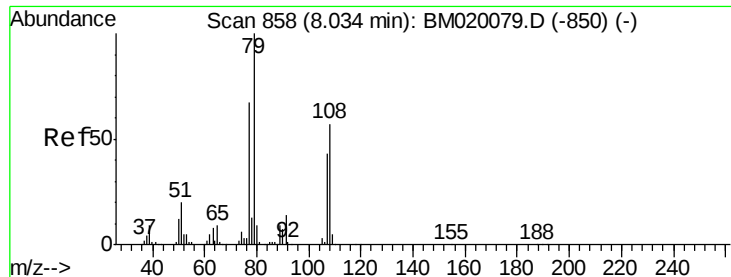
Tgt Ion:146 Resp: 152275
 Ion Ratio Lower Upper
 146 100
 148 65.5 48.5 72.7
 111 44.1 35.7 53.5



#14
 1,2-Dichlorobenzene
 Concen: 43.806 ng
 RT: 8.02 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Tgt Ion:146 Resp: 141844
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.6 79.0
 111 44.4 39.0 58.4





#15

Benzyl Alcohol

Concen: 33.461 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

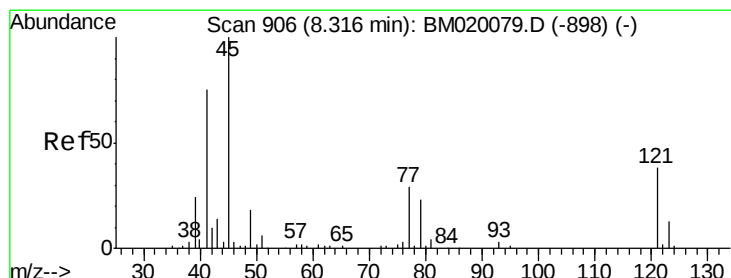
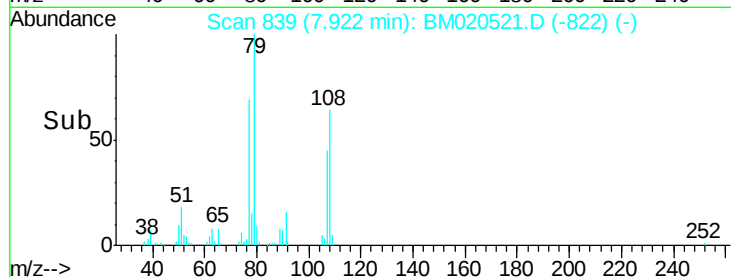
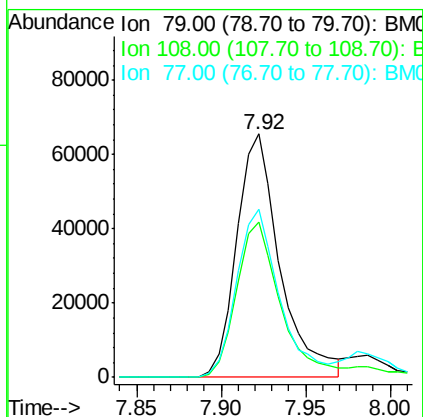
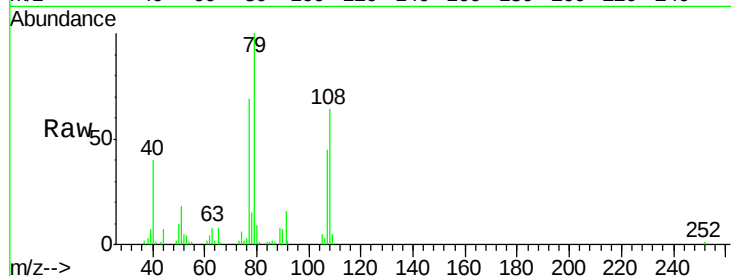
Tgt Ion: 79 Resp: 117060

Ion Ratio Lower Upper

79 100

108 63.9 46.0 69.0

77 69.1 53.8 80.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.311 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

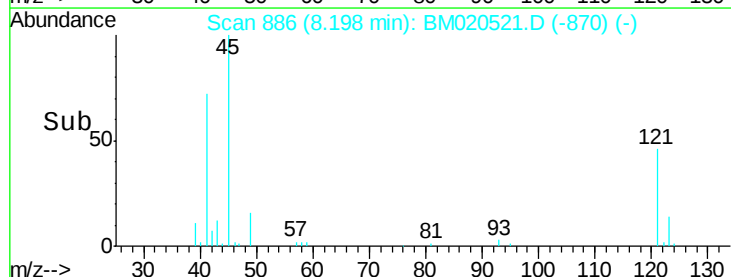
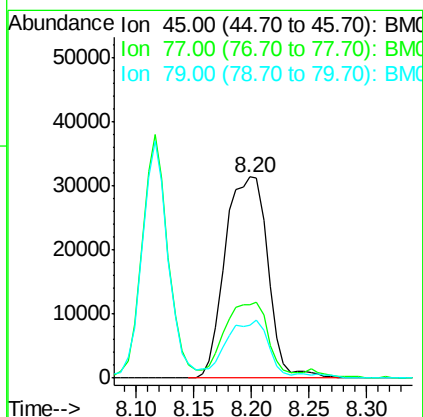
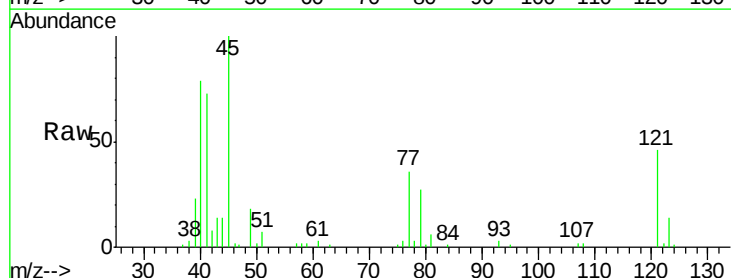
Tgt Ion: 45 Resp: 80765

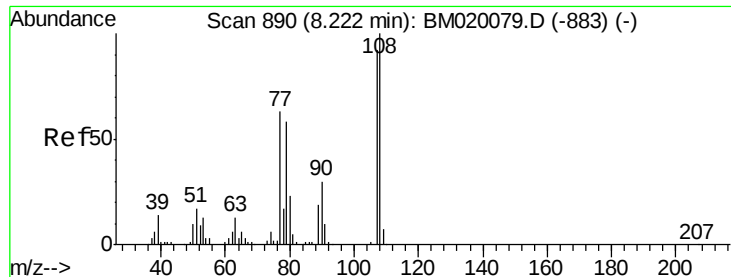
Ion Ratio Lower Upper

45 100

77 36.4 10.5 50.5

79 26.6 3.3 43.3

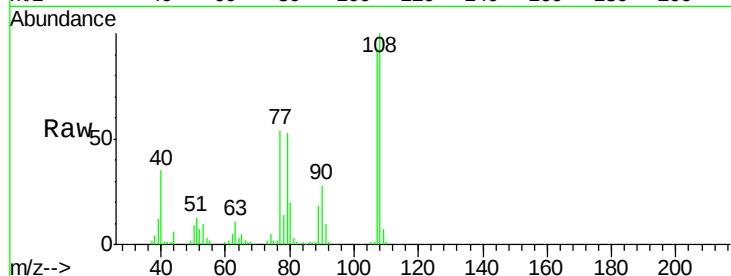




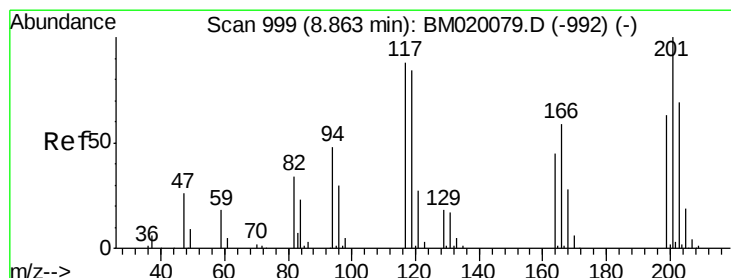
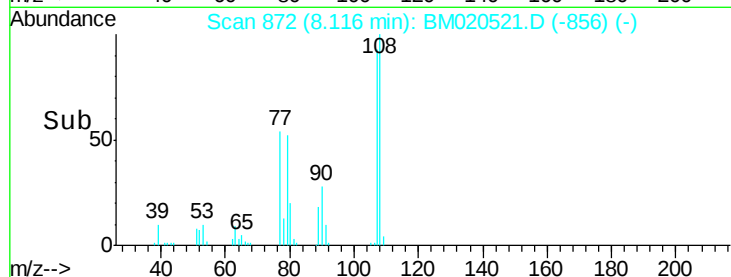
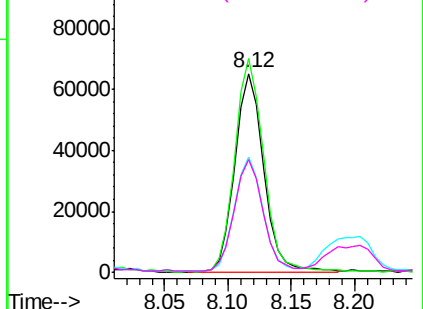
#17
2-Methylphenol
Concen: 41.117 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.01 min
Lab File: BM020521.D
Acq: 23 May 2019 18:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Resp	Lower	Upper
107	100		
108	107.6	87.0	130.4
77	58.3	54.7	82.1
79	56.9	50.1	75.1

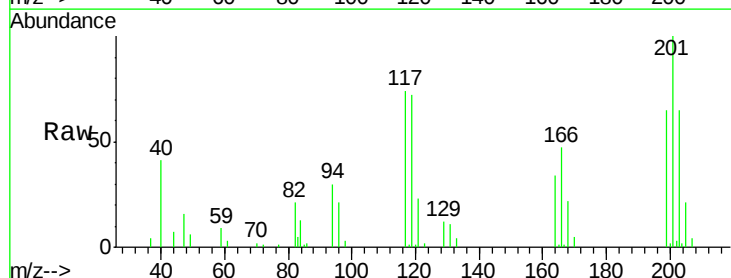


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

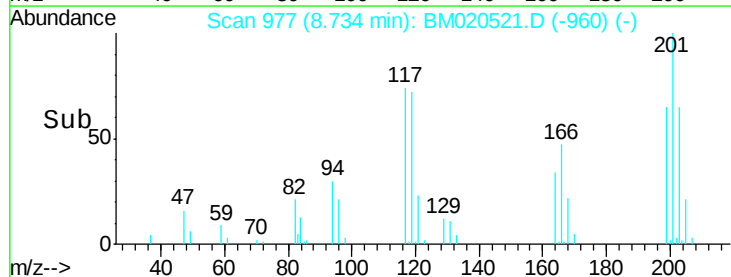
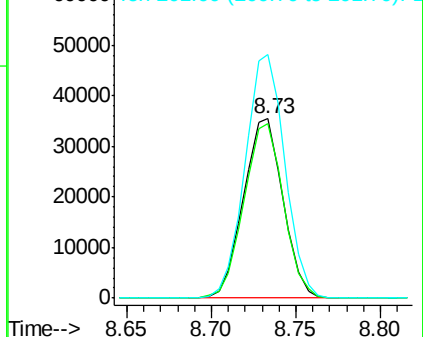


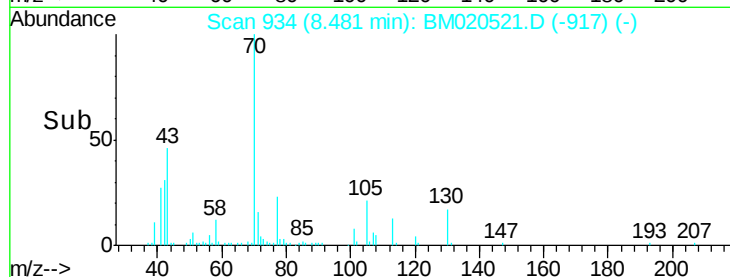
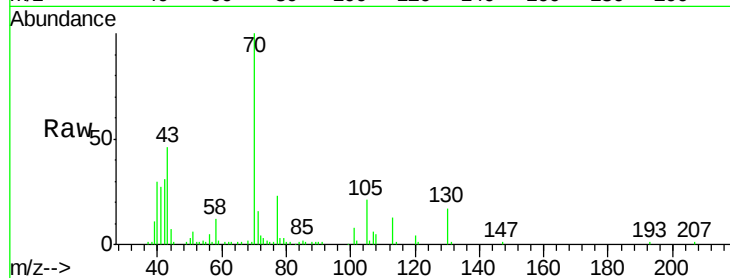
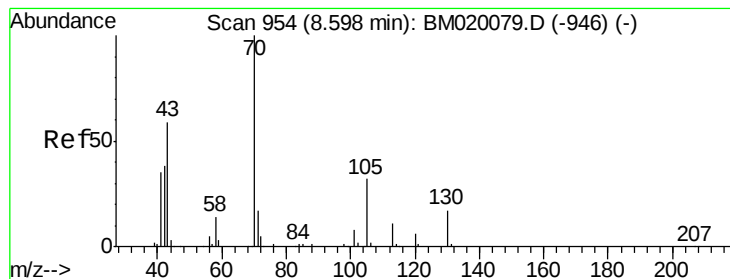
#18
Hexachloroethane
Concen: 40.629 ng
RT: 8.73 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM020521.D
Acq: 23 May 2019 18:21

Tgt Ion	Resp	Lower	Upper
117	100		
119	97.7	76.6	114.8
201	135.8	90.7	136.1



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: 35.327 ng

RT: 8.48 min Scan# 934

Delta R.T. 0.00 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 109654

Ion Ratio Lower Upper

70 100

42 31.5 31.0 46.4

101 8.0 6.2 9.2

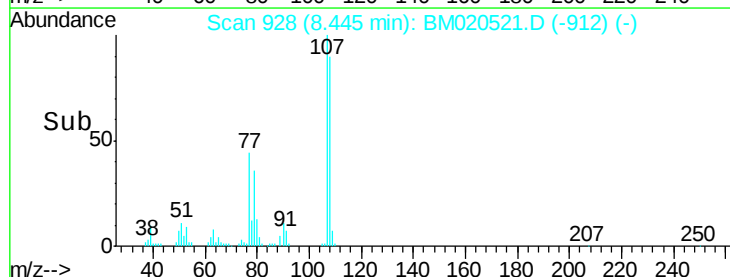
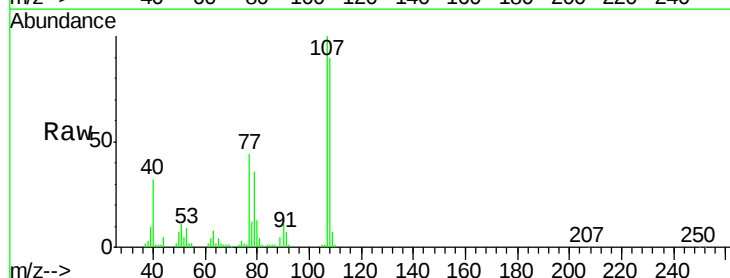
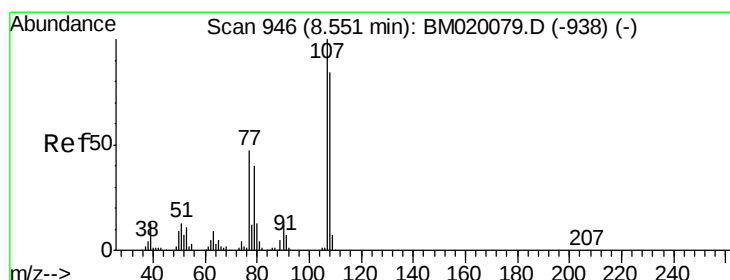
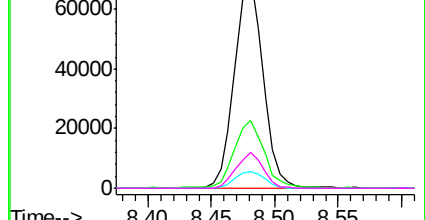
130 17.0 13.5 20.3

Abundance Ion 70.00 (69.70 to 70.70): BM020521.D (-917) (-)

Ion 42.00 (41.70 to 42.70): BM020521.D (-917) (-)

Ion 101.00 (100.70 to 101.70): BM020521.D (-917) (-)

Ion 130.00 (129.70 to 130.70): BM020521.D (-917) (-)



#20

3+4-Methylphenols

Concen: 40.622 ng

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Tgt Ion: 107 Resp: 135741

Ion Ratio Lower Upper

107 100

108 89.6 64.4 104.4

77 43.8 27.2 67.2

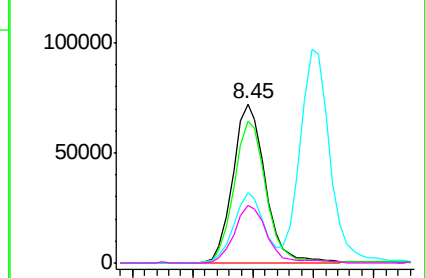
79 35.9 19.6 59.6

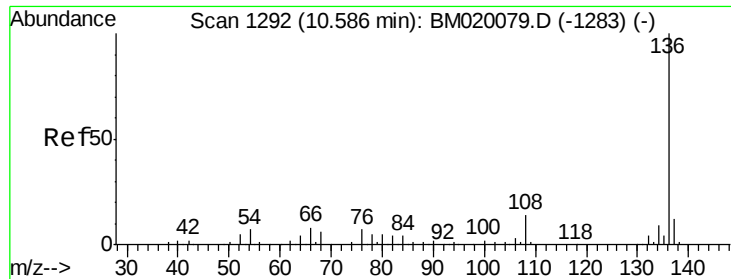
Abundance Ion 107.00 (106.70 to 107.70): BM020521.D (-912) (-)

Ion 108.00 (107.70 to 108.70): BM020521.D (-912) (-)

Ion 77.00 (76.70 to 77.70): BM020521.D (-912) (-)

Ion 79.00 (78.70 to 79.70): BM020521.D (-912) (-)

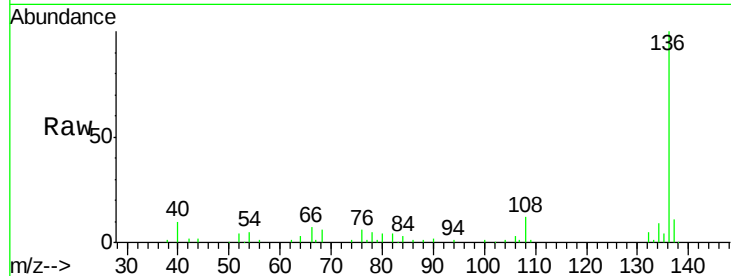




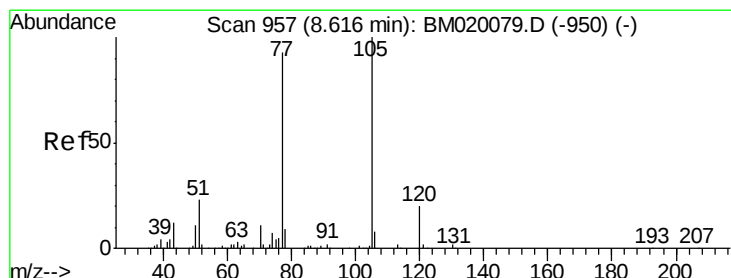
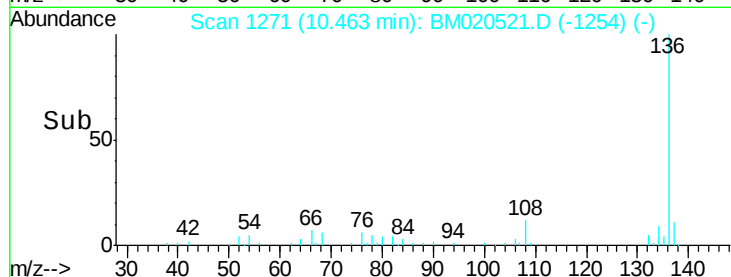
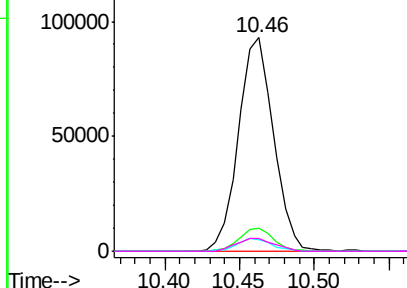
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM020521.D
Acq: 23 May 2019 18:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	151553
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	5.4	5.5	8.3#
68	6.0	4.6	6.8

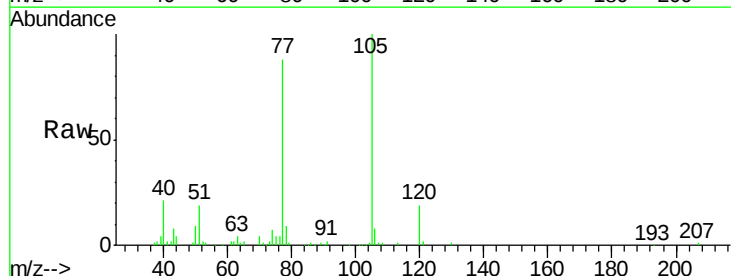


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

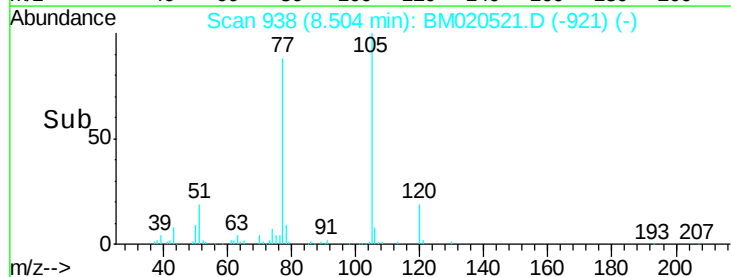
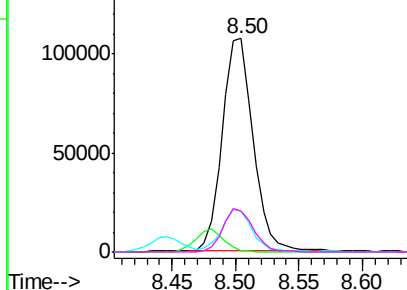


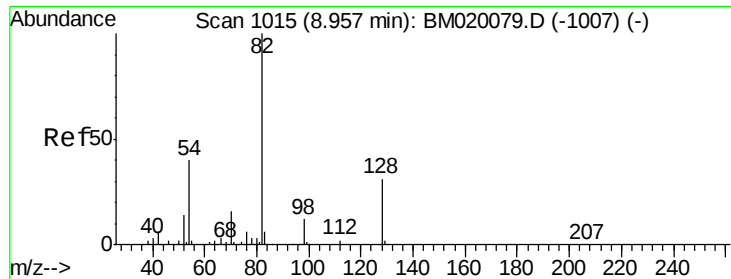
#22
Acetophenone
Concen: 44.007 ng
RT: 8.50 min Scan# 938
Delta R.T. 0.00 min
Lab File: BM020521.D
Acq: 23 May 2019 18:21

Tgt Ion:	105	Resp:	182277
Ion	Ratio	Lower	Upper
105	100		
71	0.7	2.2	3.2#
51	19.0	19.3	28.9#
120	19.4	16.2	24.4



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

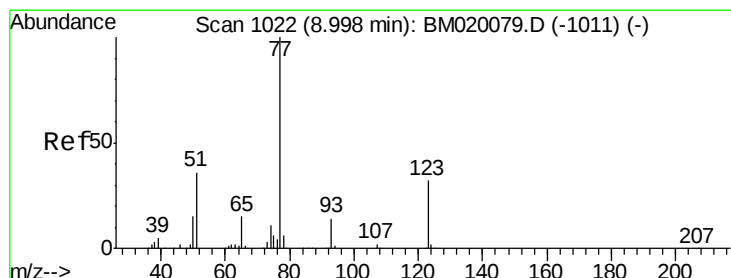
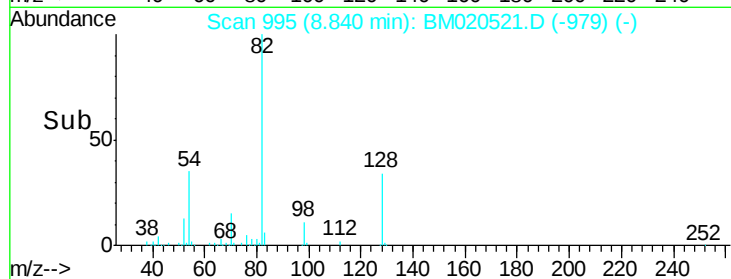
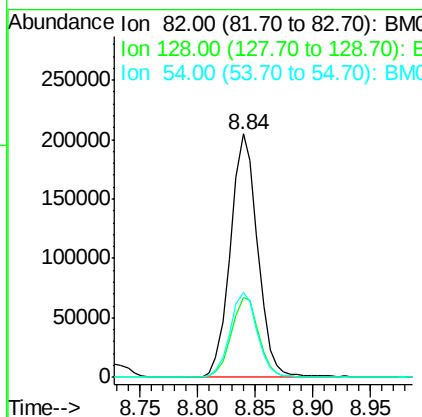
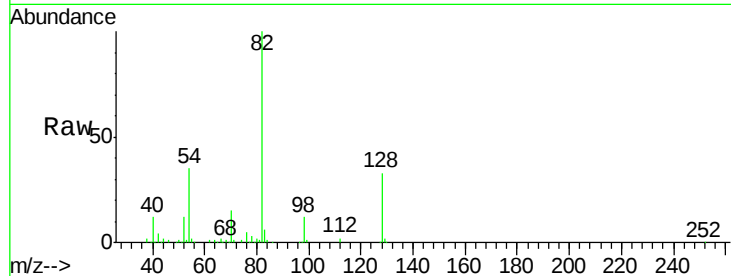




#23
 Nitrobenzene-d5
 Concen: 87.650 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

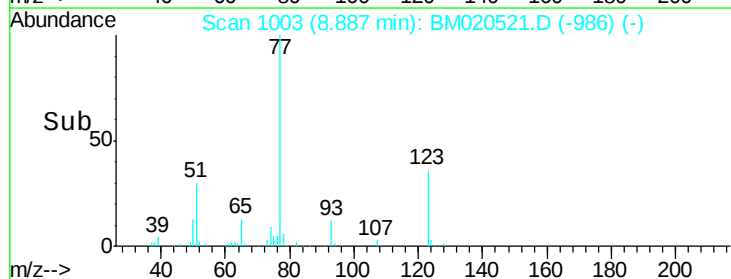
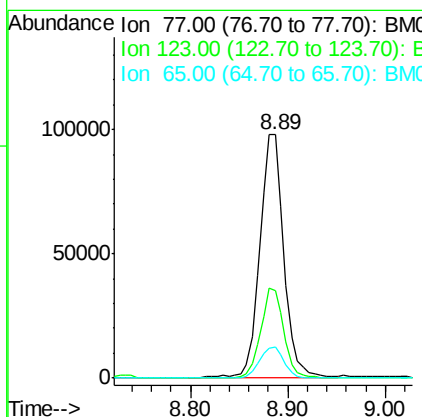
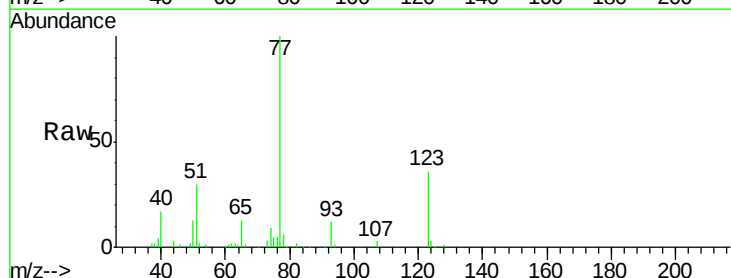
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.0	25.2	37.8
54	34.9	31.9	47.9



#24
 Nitrobenzene
 Concen: 42.731 ng
 RT: 8.89 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.1	25.5	38.3
65	12.6	11.8	17.6





#25

Isophorone

Concen: 42.426 ng

RT: 9.40 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

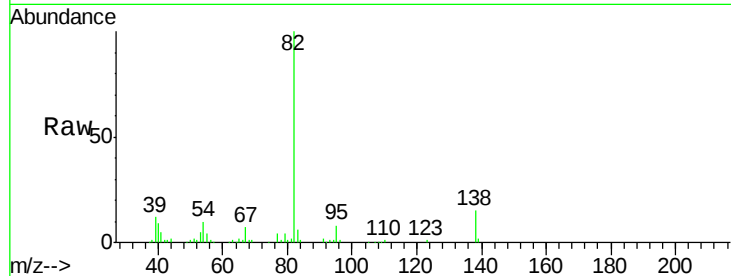
Tgt Ion: 82 Resp: 280854

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

138 15.1 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1102) (-)

Ion 95.00 (94.70 to 95.70): BM020079.D (-1102) (-)

Ion 138.00 (137.70 to 138.70): BM020079.D (-1102) (-)

9.40

200000

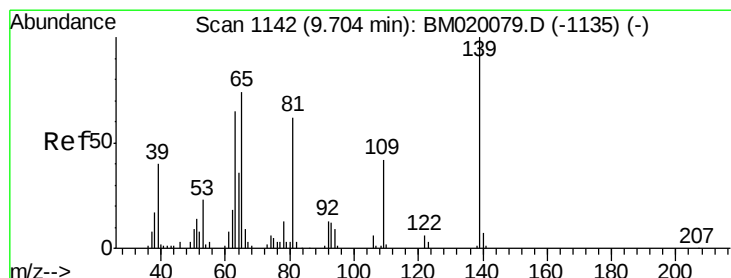
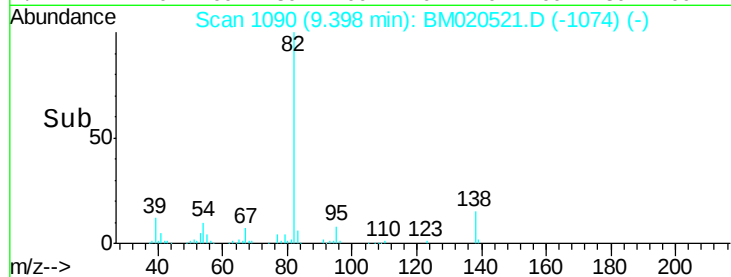
150000

100000

50000

0

Time--> 9.30 9.35 9.40 9.45 9.50



#26

2-Nitrophenol

Concen: 51.982 ng

RT: 9.59 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

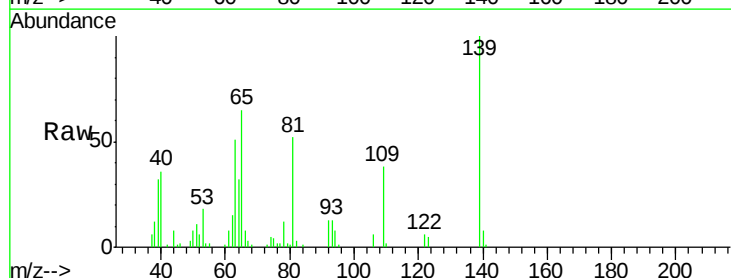
Tgt Ion: 139 Resp: 62461

Ion Ratio Lower Upper

139 100

109 37.5 33.7 50.5

65 65.4 59.5 89.3



Abundance Ion 139.00 (138.70 to 139.70): BM020079.D (-1135) (-)

Ion 109.00 (108.70 to 109.70): BM020079.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): BM020079.D (-1135) (-)

9.59

50000

40000

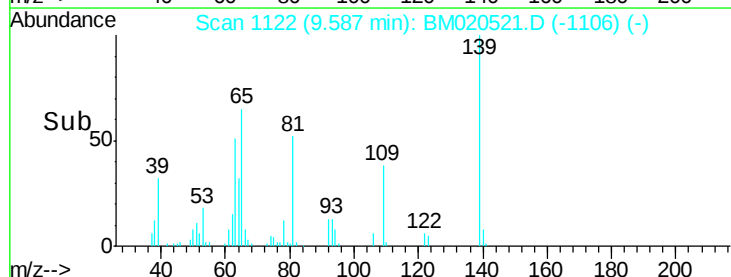
30000

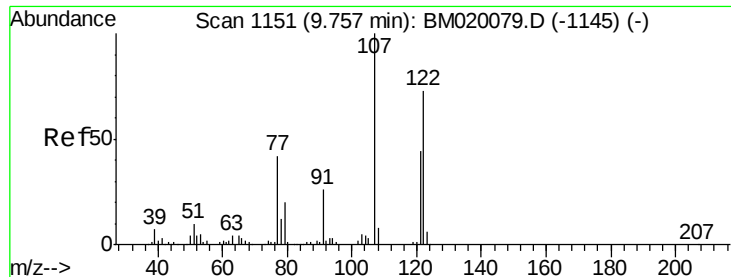
20000

10000

0

Time--> 9.50 9.55 9.60 9.65 9.70

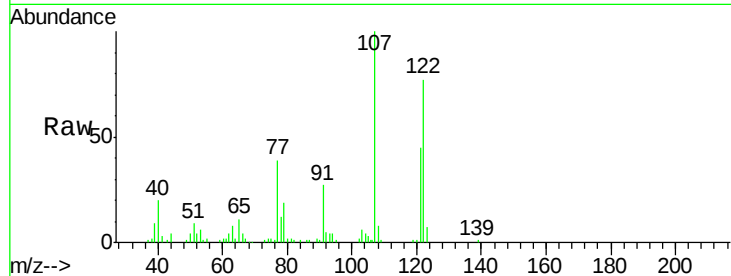




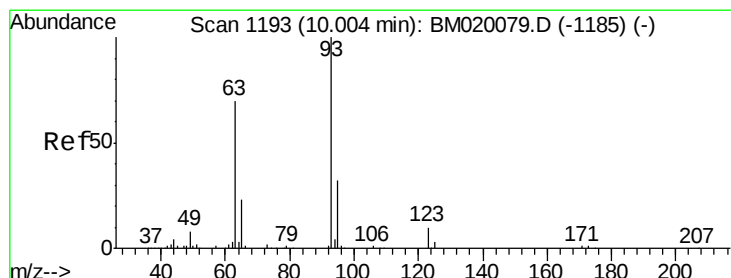
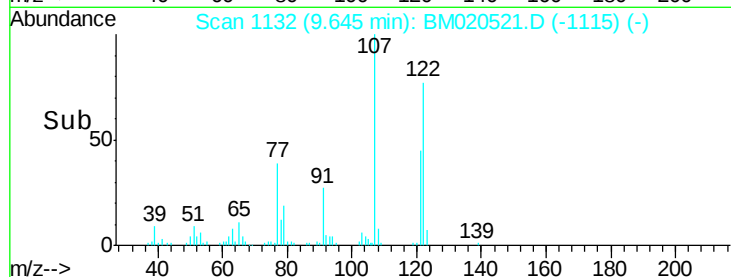
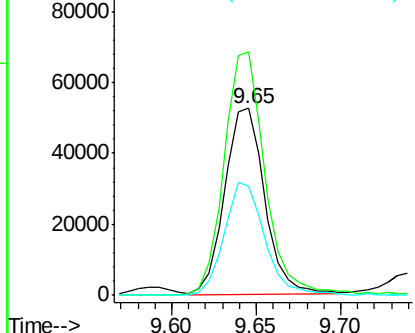
#27
 2,4-Dimethylphenol
 Concen: 43.170 ng
 RT: 9.65 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:122 Resp: 86360
 Ion Ratio Lower Upper
 122 100
 107 130.0 108.6 162.8
 121 58.4 47.4 71.2

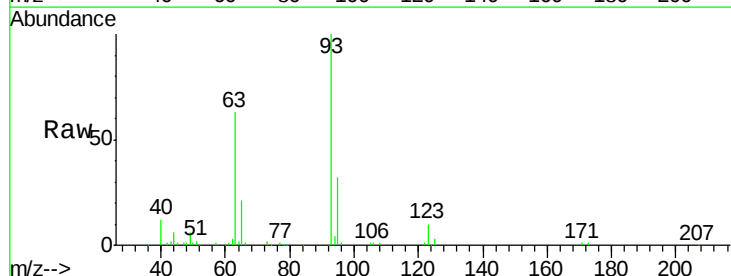


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

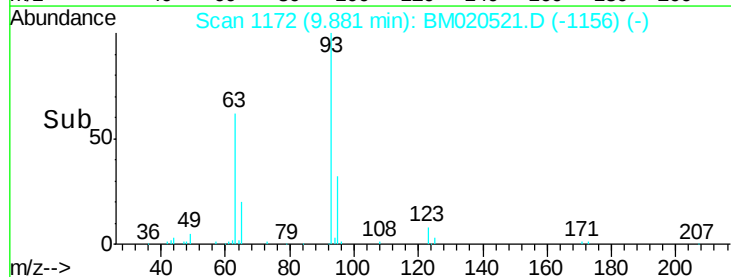
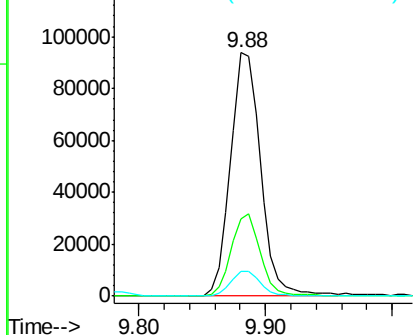


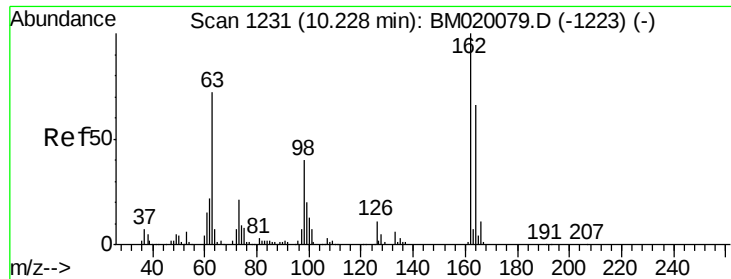
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.782 ng
 RT: 9.88 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Tgt Ion: 93 Resp: 154247
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.5 38.3
 123 10.0 7.6 11.4



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

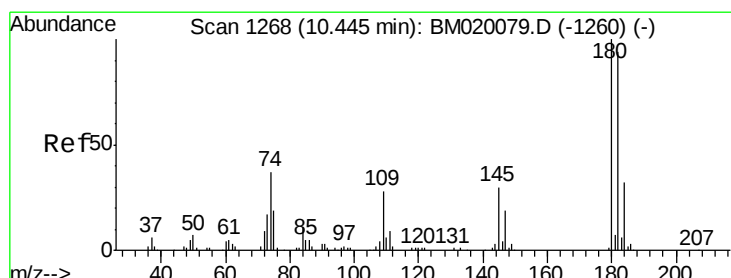
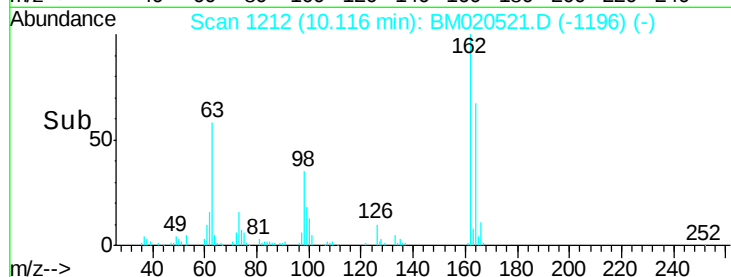
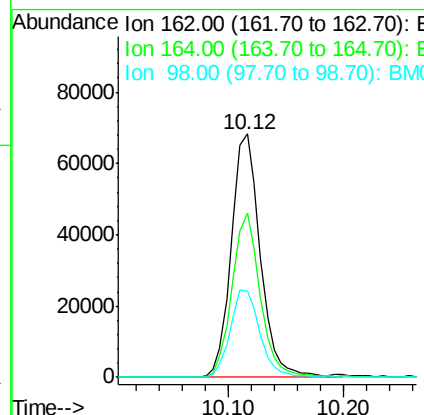
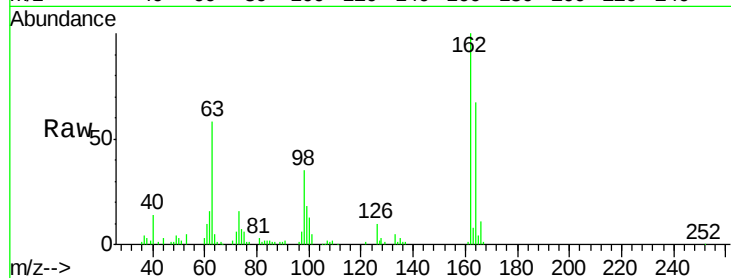




#29
 2,4-Dichlorophenol
 Concen: 47.408 ng
 RT: 10.12 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

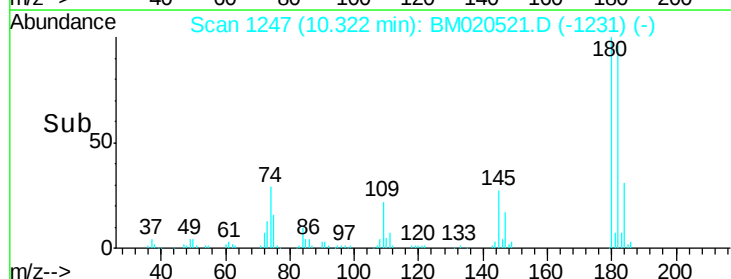
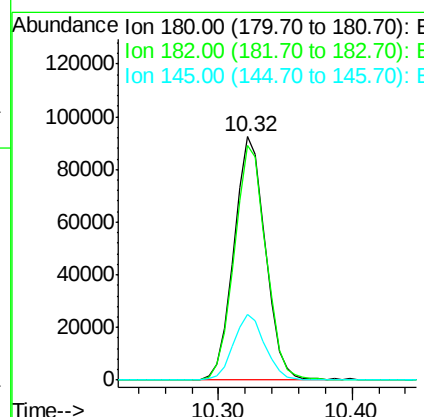
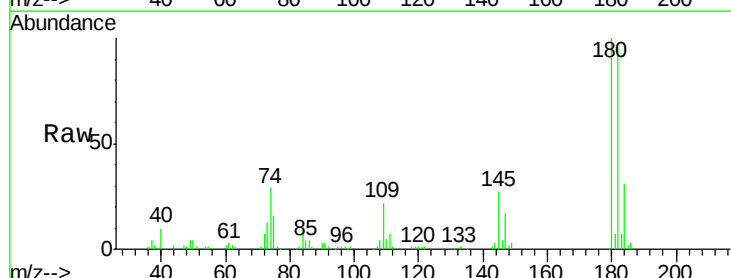
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

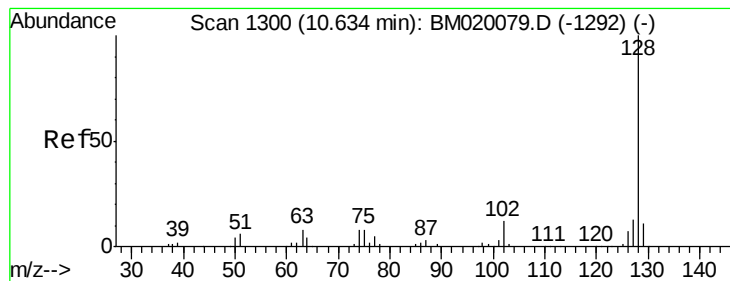
Tgt Ion:162 Resp: 119589
 Ion Ratio Lower Upper
 162 100
 164 67.5 45.6 85.6
 98 35.2 20.4 60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 49.000 ng
 RT: 10.32 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Tgt Ion:180 Resp: 152090
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.4 113.0
 145 26.8 23.8 35.8





#31

Naphthalene

Concen: 44.897 ng

RT: 10.51 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

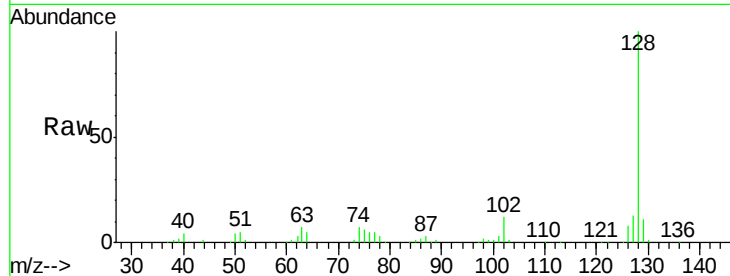
Tgt Ion:128 Resp: 353098

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

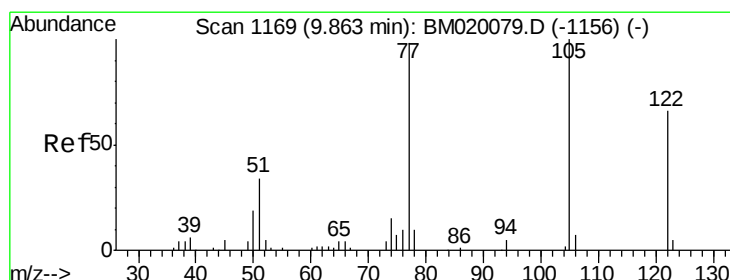
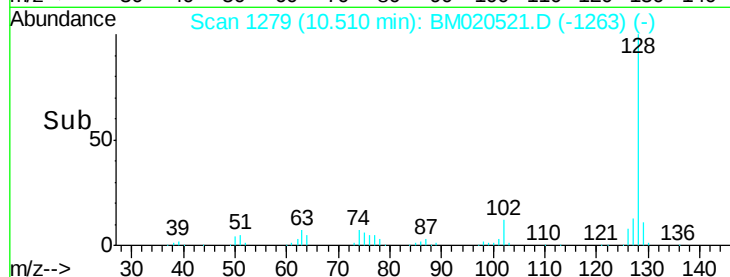
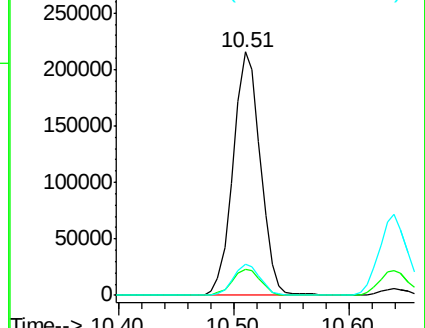
127 13.0 10.4 15.6



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: 40.899 ng

RT: 9.79 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

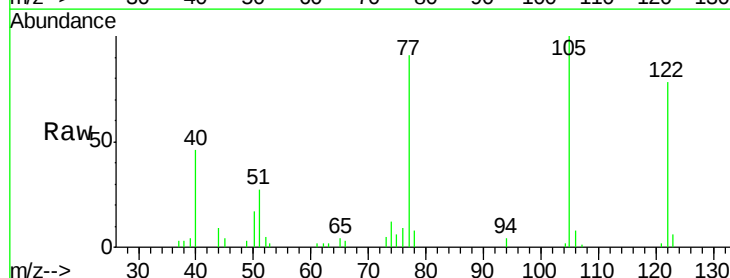
Tgt Ion:122 Resp: 56599

Ion Ratio Lower Upper

122 100

105 127.7 122.5 162.5

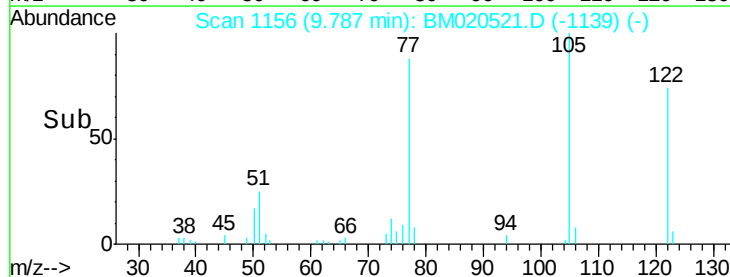
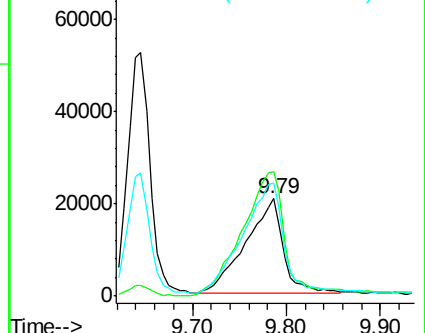
77 116.4 123.3 163.3#

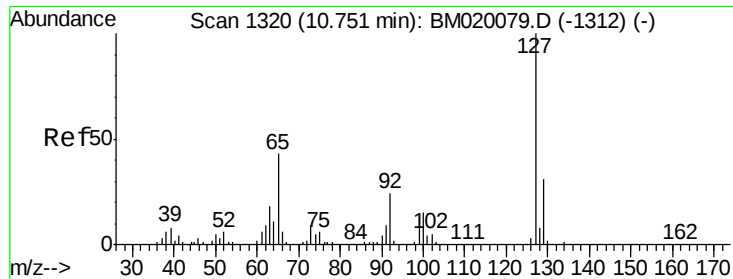


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

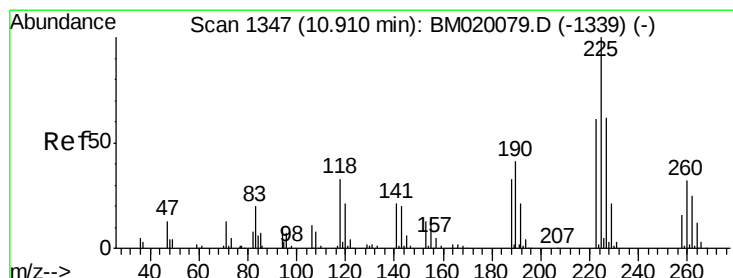
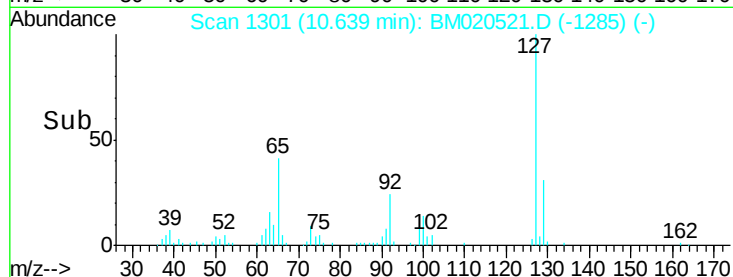
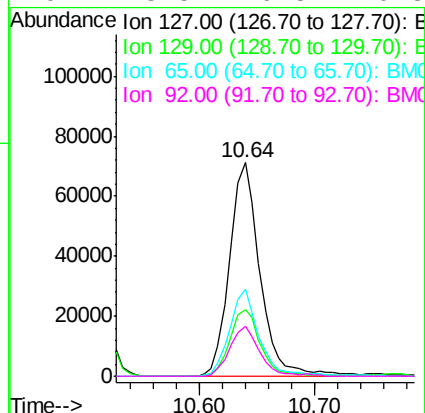
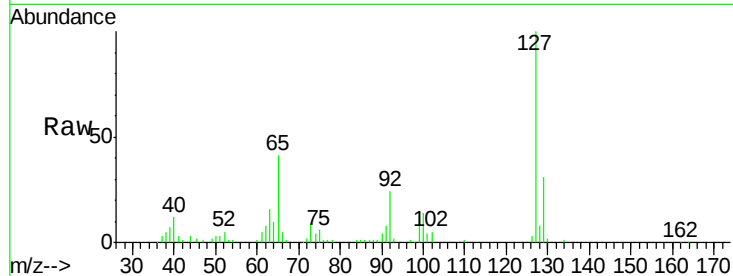




#33
4-Chloroaniline
Concen: 40.148 ng
RT: 10.64 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BM020521.D
Acq: 23 May 2019 18:21

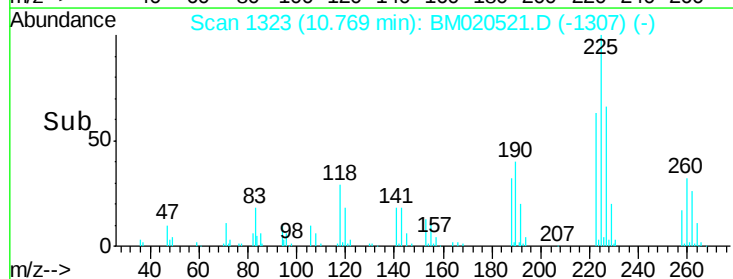
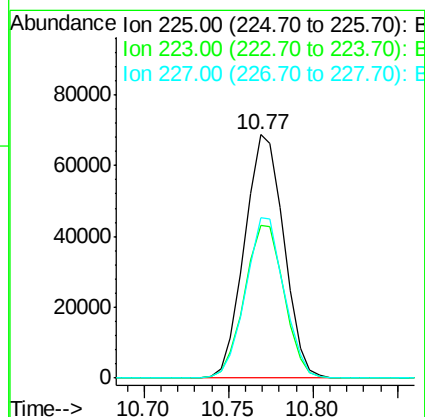
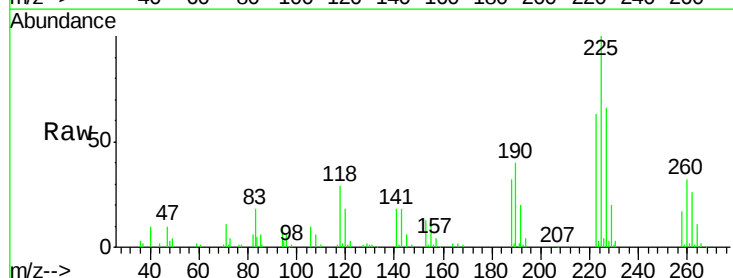
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

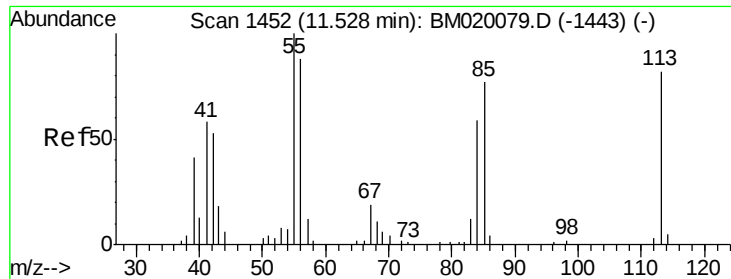
Tgt Ion:	127	Resp:	129958
Ion	Ratio	Lower	Upper
127	100		
129	31.4	24.7	37.1
65	40.7	34.6	52.0
92	23.5	19.5	29.3



#34
Hexachlorobutadiene
Concen: 50.758 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM020521.D
Acq: 23 May 2019 18:21

Tgt Ion:	225	Resp:	111449
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.9	73.3
227	65.9	49.6	74.4

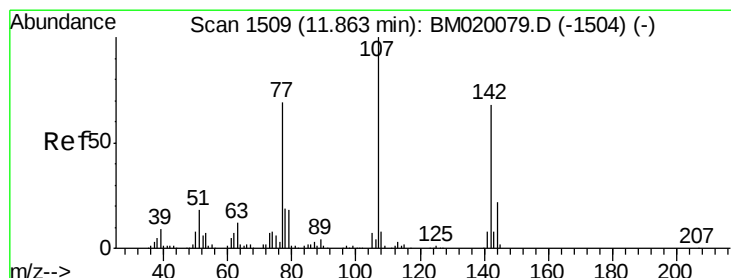
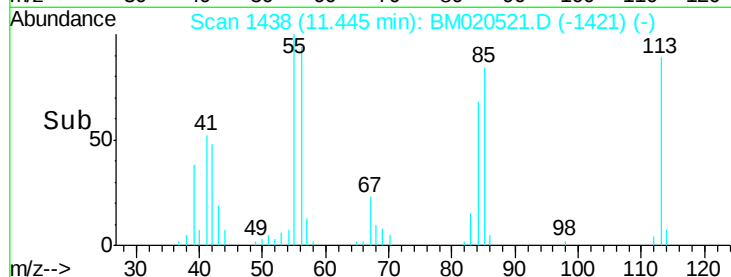
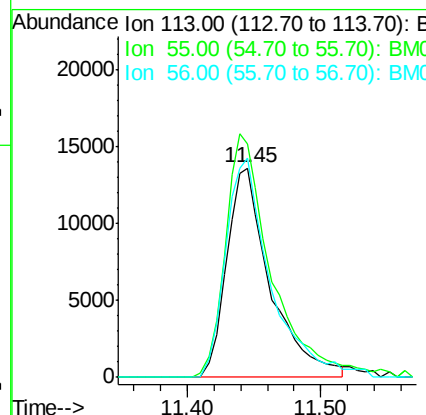
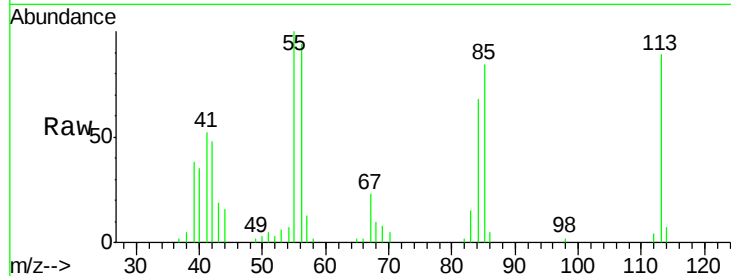




#35
 Caprolactam
 Concen: 41.204 ng
 RT: 11.45 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

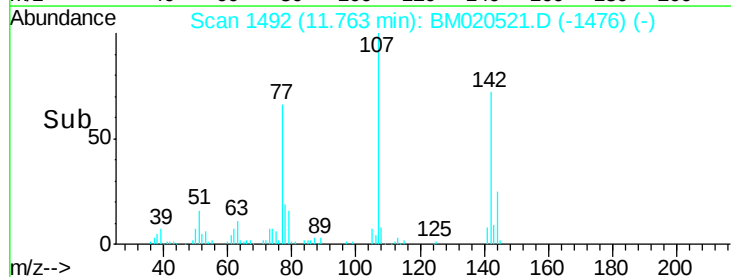
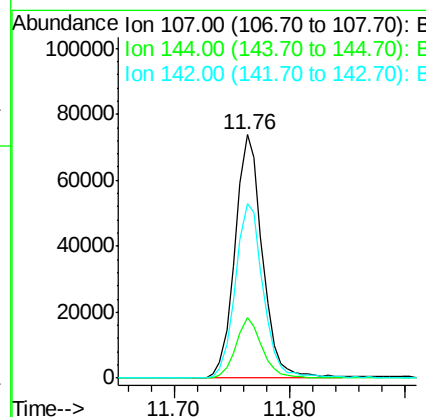
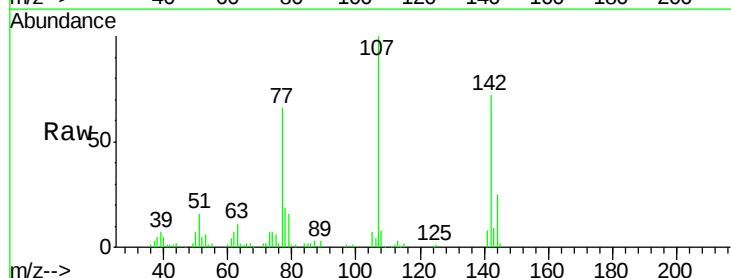
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

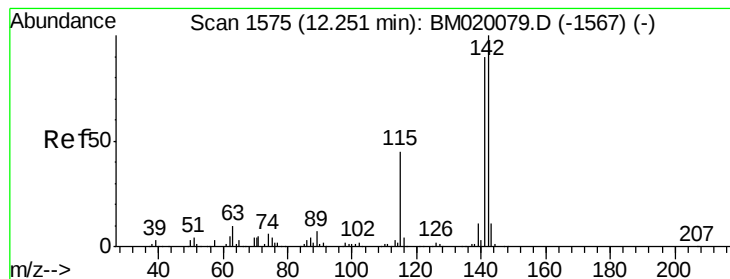
Tgt Ion:113 Resp: 31079
 Ion Ratio Lower Upper
 113 100
 55 111.8 102.5 142.5
 56 105.1 87.7 127.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.112 ng
 RT: 11.76 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Tgt Ion:107 Resp: 121871
 Ion Ratio Lower Upper
 107 100
 144 25.1 17.6 26.4
 142 71.5 54.6 82.0





#37

2-Methylnaphthalene

Concen: 43.492 ng

RT: 12.13 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

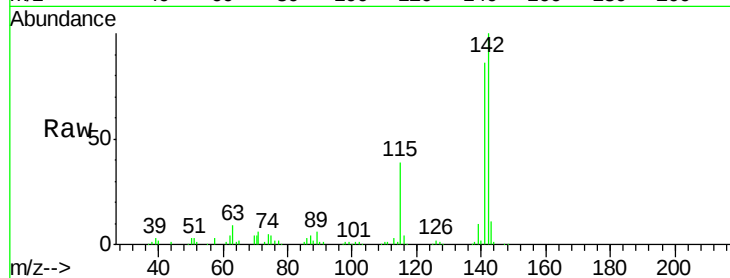
Tgt Ion:142 Resp: 249368

Ion Ratio Lower Upper

142 100

141 86.5 71.6 107.4

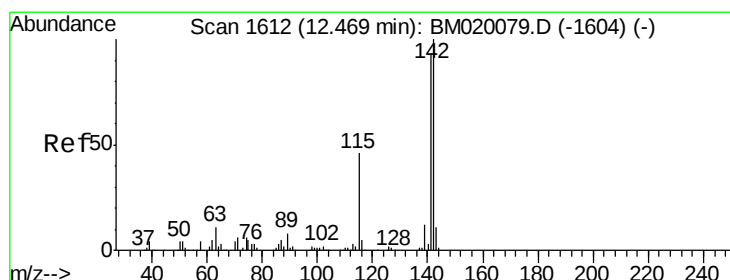
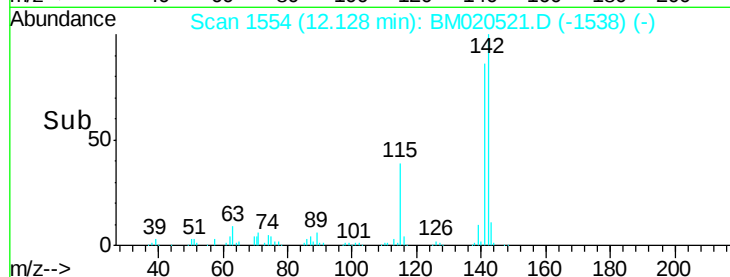
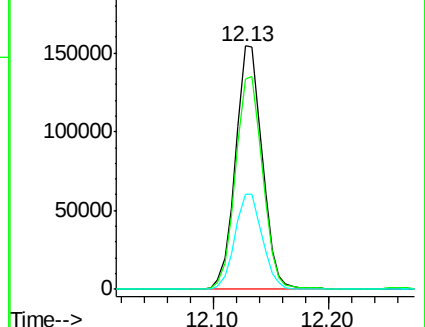
115 39.0 35.8 53.6



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: 43.969 ng

RT: 12.35 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

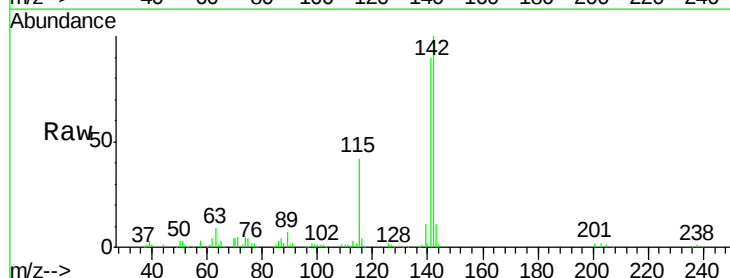
Tgt Ion:142 Resp: 246521

Ion Ratio Lower Upper

142 100

141 90.2 74.8 112.2

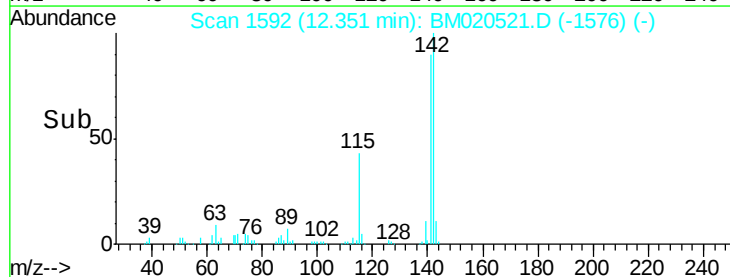
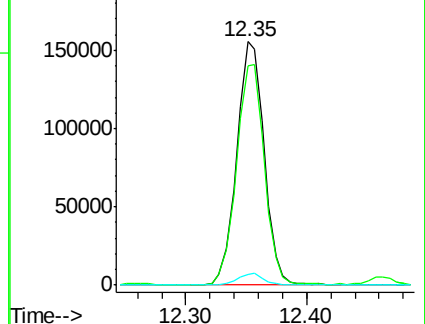
116 4.5 3.9 5.9



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: 14.33 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

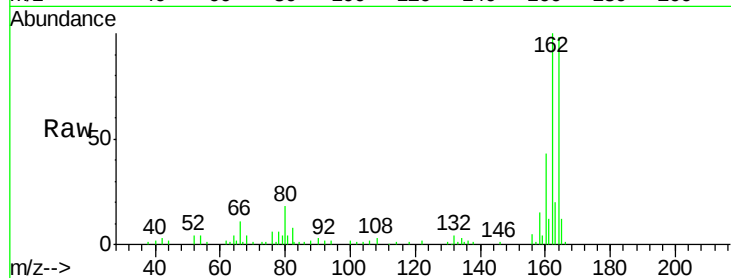
Tgt Ion:164 Resp: 92902

Ion Ratio Lower Upper

164 100

162 101.8 82.2 123.2

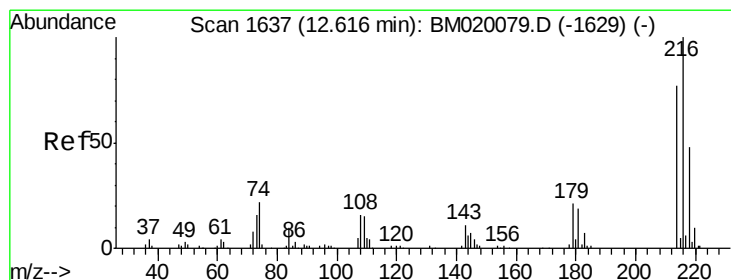
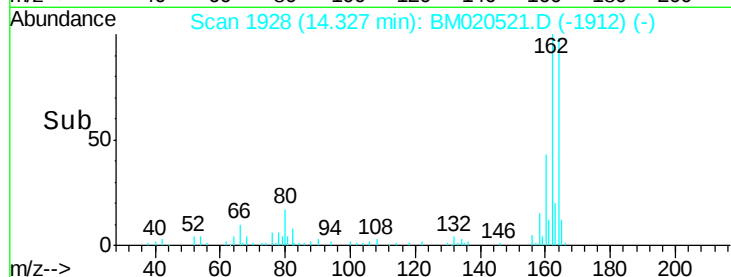
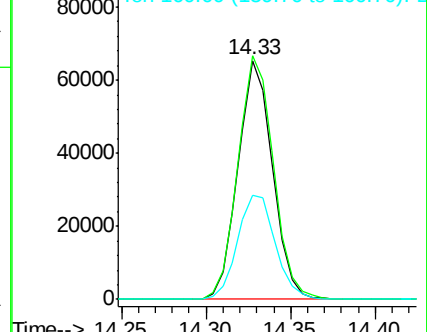
160 43.4 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.126 ng

RT: 12.50 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Tgt Ion:216 Resp: 182191

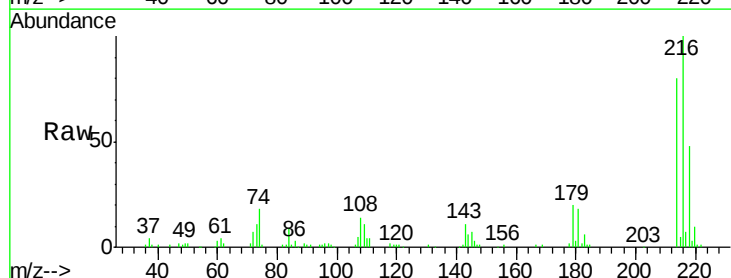
Ion Ratio Lower Upper

216 100

214 78.3 62.6 94.0

179 18.6 17.1 25.7

108 15.2 15.8 23.6#

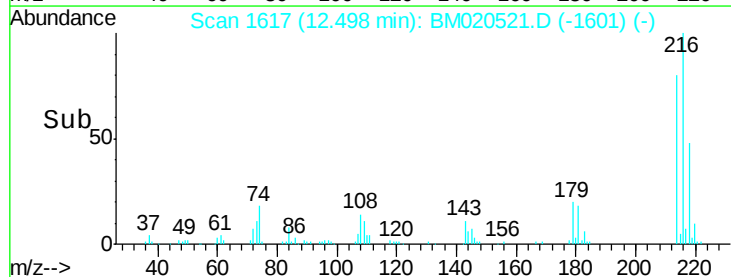
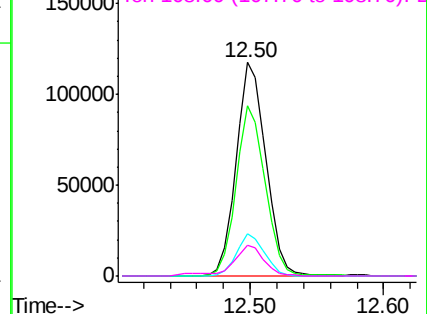


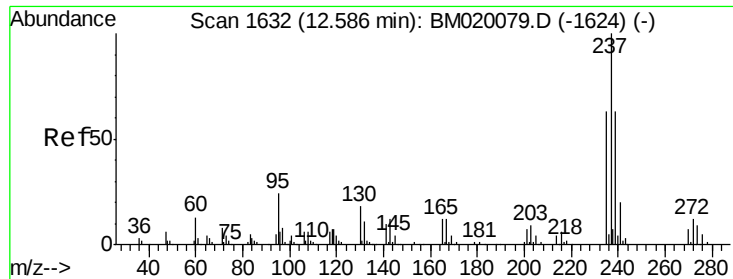
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.369 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

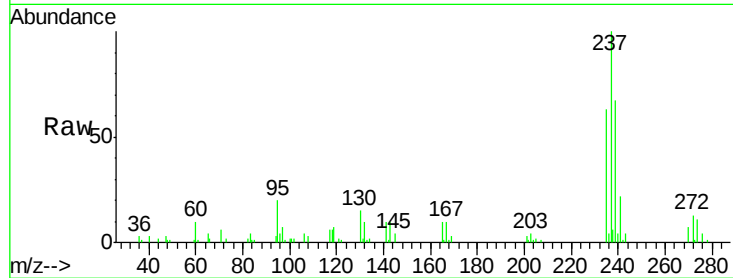
Tgt Ion: 237 Resp: 79974

Ion Ratio Lower Upper

237 100

235 62.8 43.4 83.4

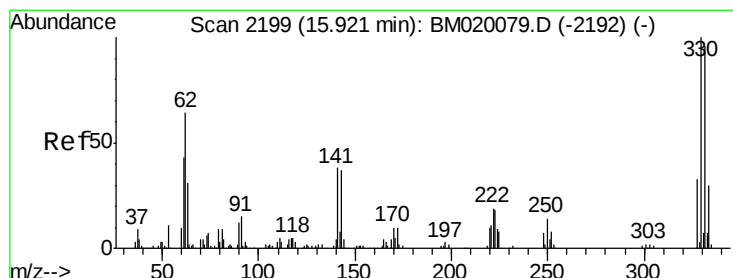
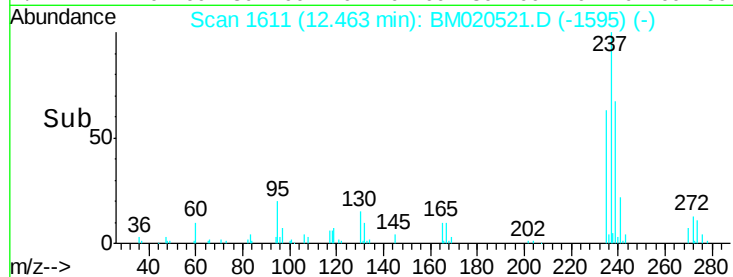
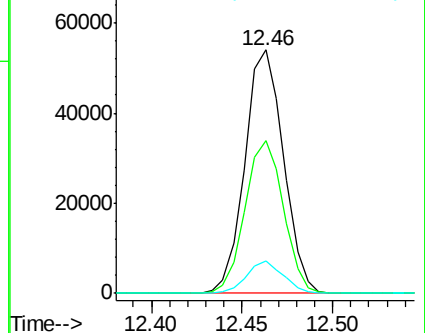
272 13.4 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 107.348 ng

RT: 15.83 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

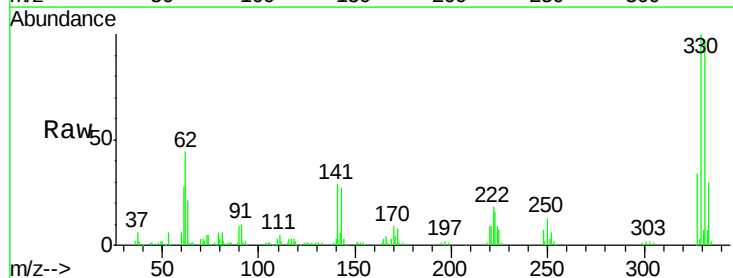
Tgt Ion: 330 Resp: 154797

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

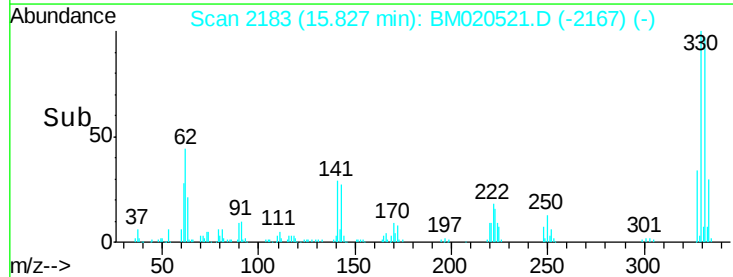
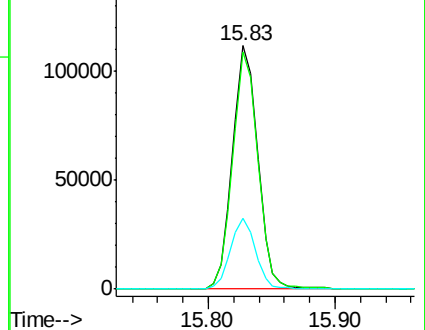
141 28.4 29.2 43.8#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

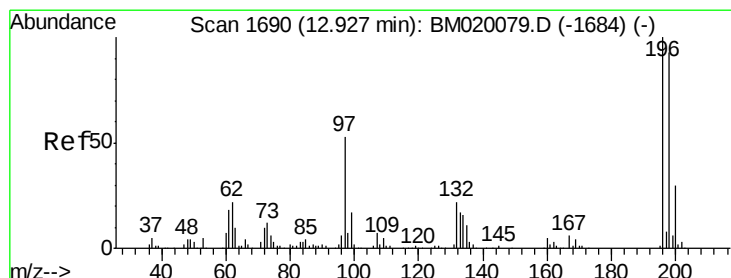
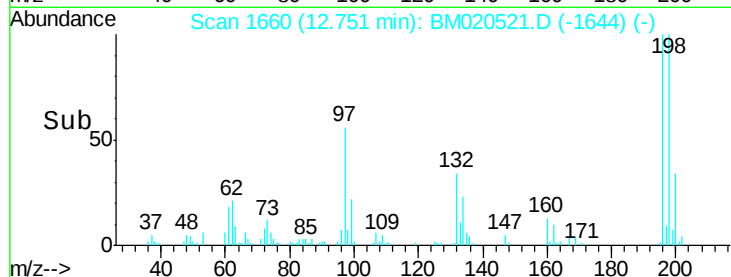
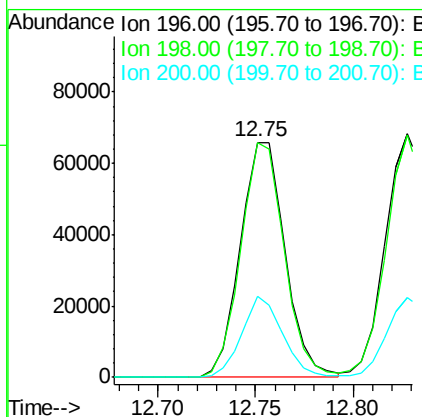
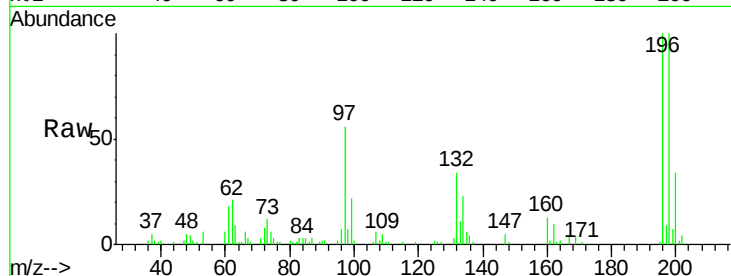




#43
 2,4,6-Trichlorophenol
 Concen: 50.833 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

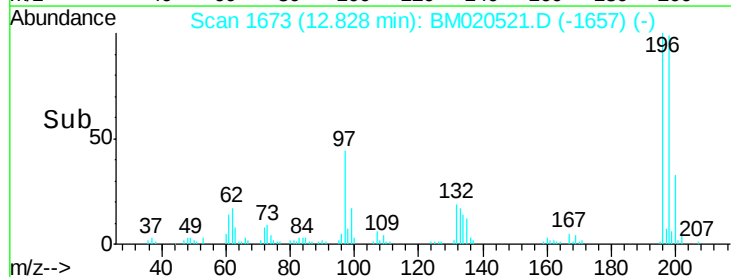
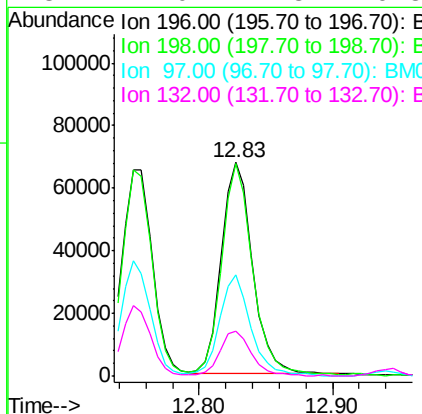
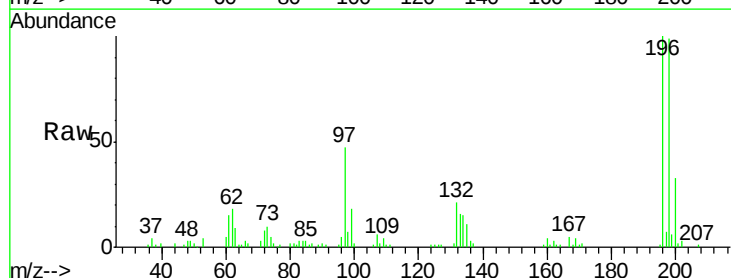
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

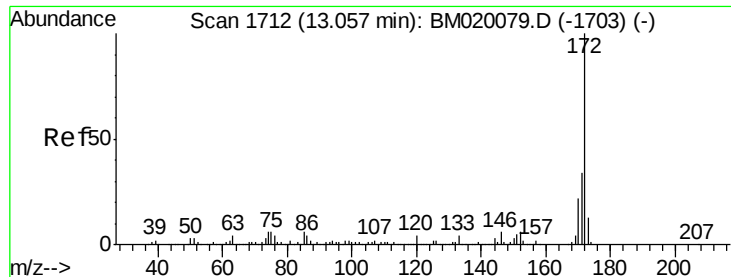
Tgt Ion:196 Resp: 105004
 Ion Ratio Lower Upper
 196 100
 198 99.9 76.2 114.2
 200 34.2 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 48.457 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Tgt Ion:196 Resp: 111822
 Ion Ratio Lower Upper
 196 100
 198 99.4 74.7 112.1
 97 47.1 42.2 63.4
 132 21.0 17.8 26.8

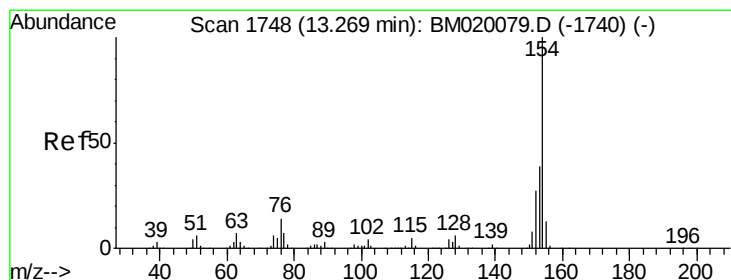
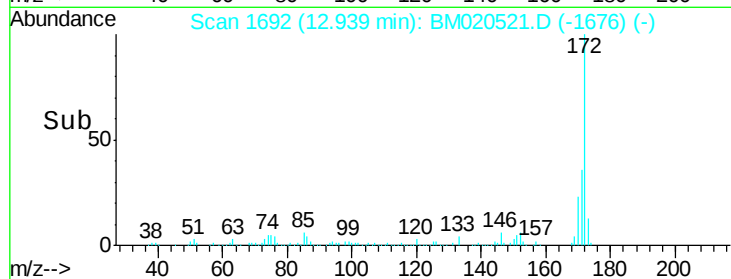
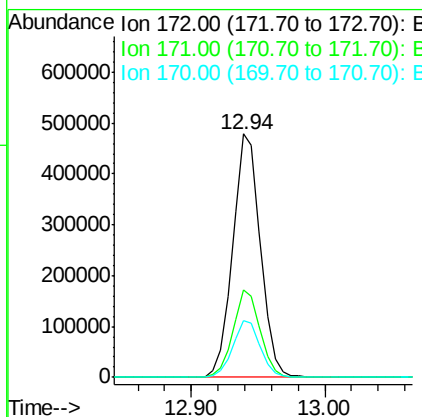
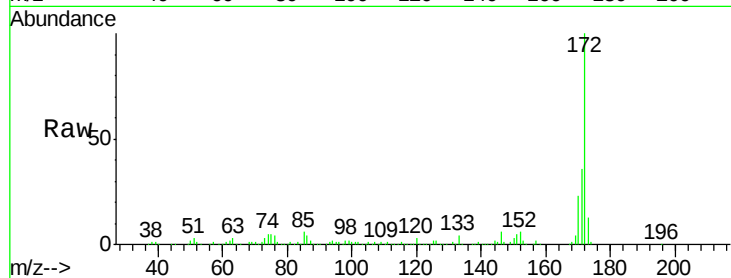




#45
 2-Fluorobiphenyl
 Concen: 91.311 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

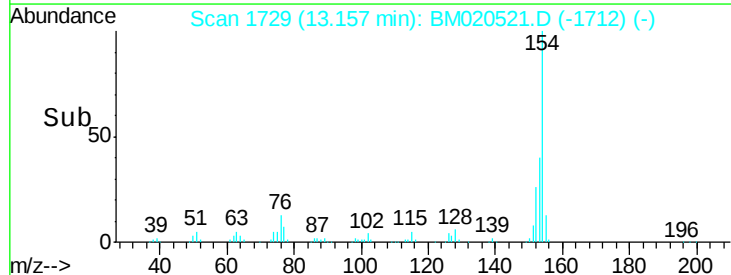
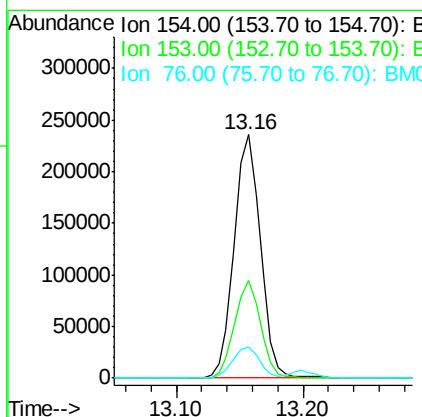
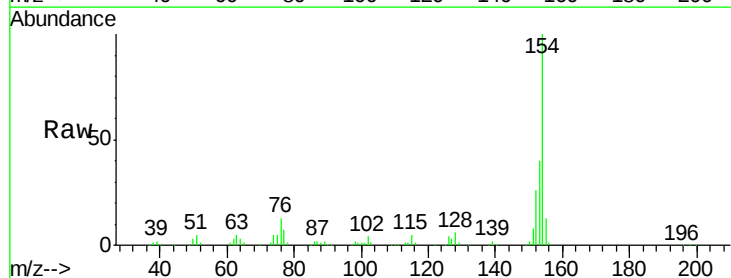
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

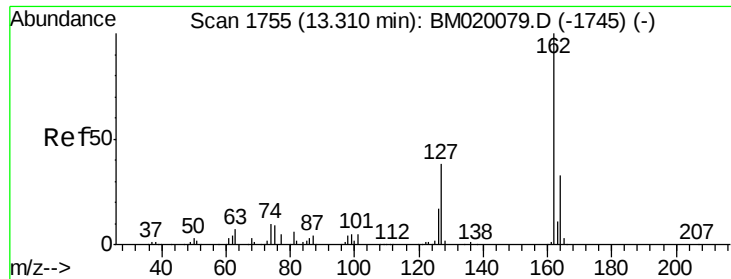
Tgt Ion:172 Resp: 689470
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.3 40.9
 170 23.1 17.9 26.9



#46
 1,1'-Biphenyl
 Concen: 44.317 ng
 RT: 13.16 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Tgt Ion:154 Resp: 338881
 Ion Ratio Lower Upper
 154 100
 153 40.3 19.4 59.4
 76 12.8 0.0 34.5

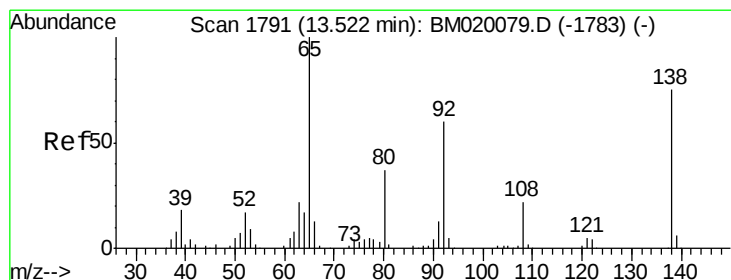
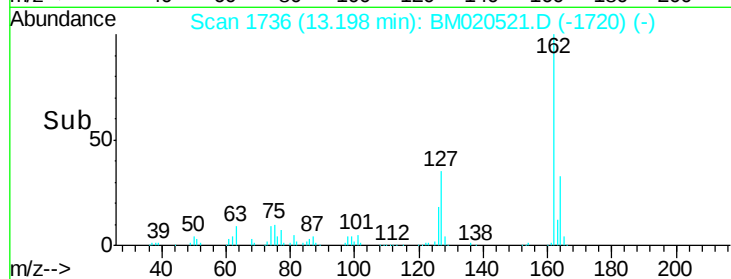
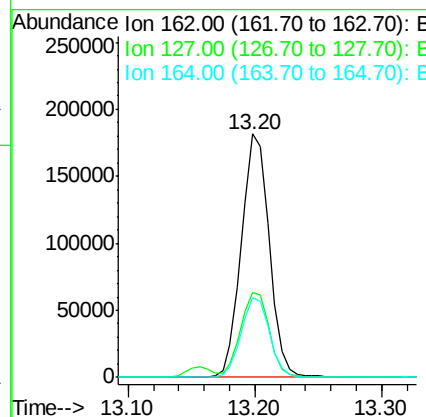
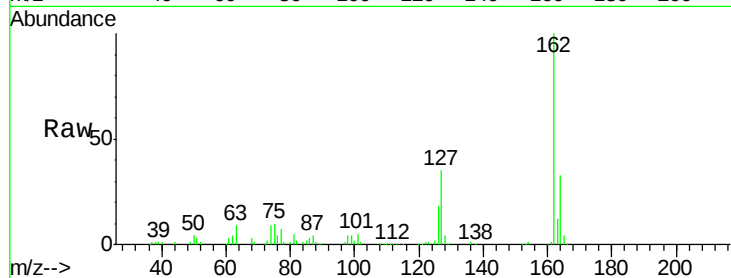




#47
 2-Chloronaphthalene
 Concen: 45.274 ng
 RT: 13.20 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

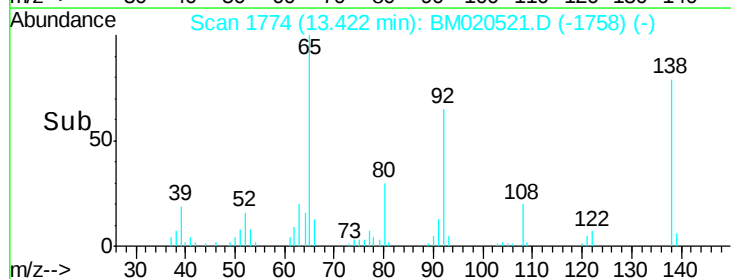
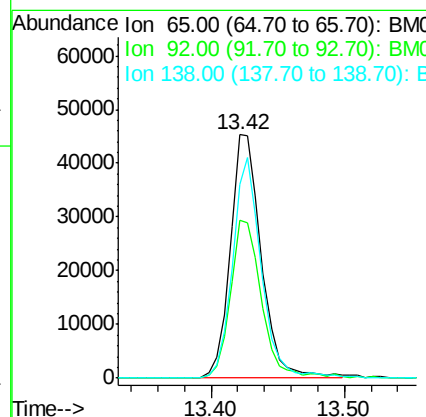
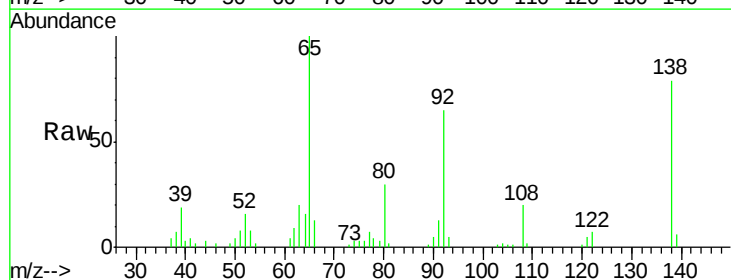
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 162 Resp: 276409
 Ion Ratio Lower Upper
 162 100
 127 34.8 31.0 46.4
 164 32.9 26.2 39.2



#48
 2-Nitroaniline
 Concen: 34.021 ng
 RT: 13.42 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Tgt Ion: 65 Resp: 73947
 Ion Ratio Lower Upper
 65 100
 92 64.9 48.2 72.4
 138 79.4 60.3 90.5





#49

Acenaphthylene

Concen: 43.876 ng

RT: 14.05 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

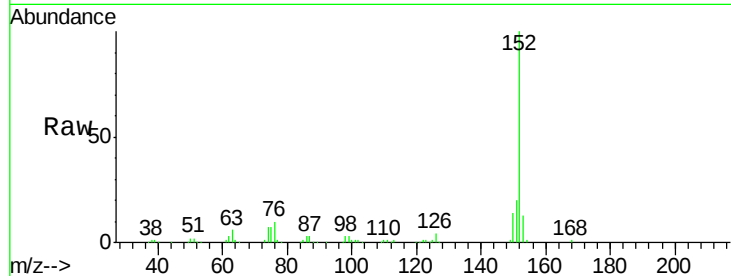
Tgt Ion:152 Resp: 428711

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

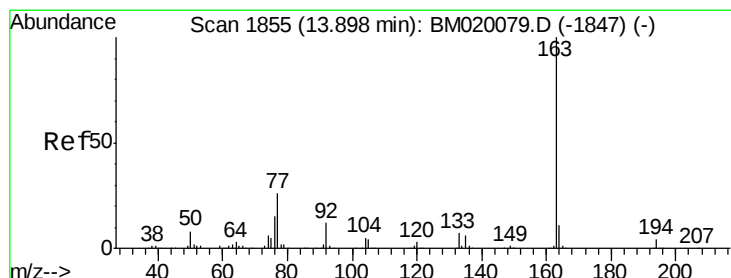
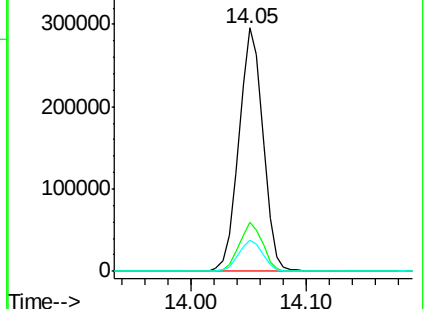
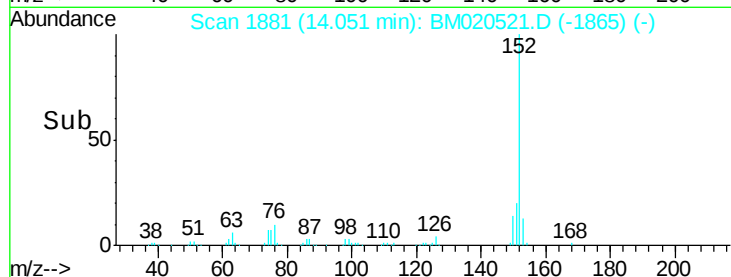
153 12.7 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.703 ng

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

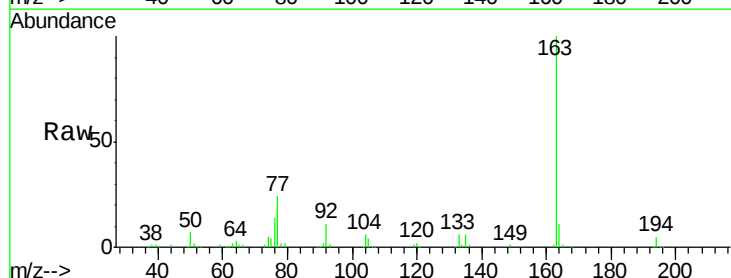
Tgt Ion:163 Resp: 337182

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

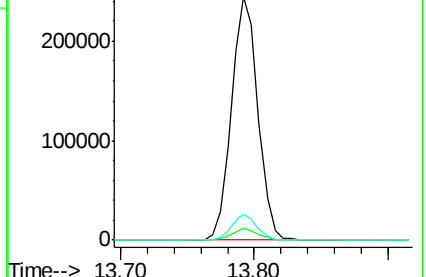
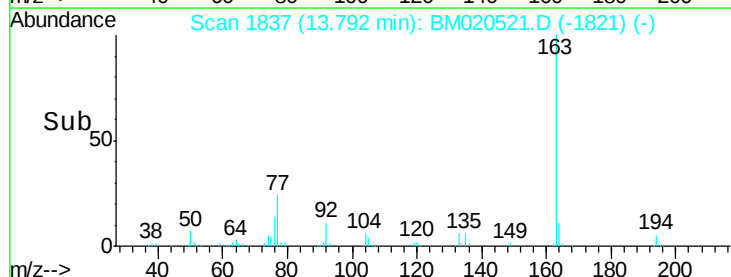
164 10.7 8.4 12.6

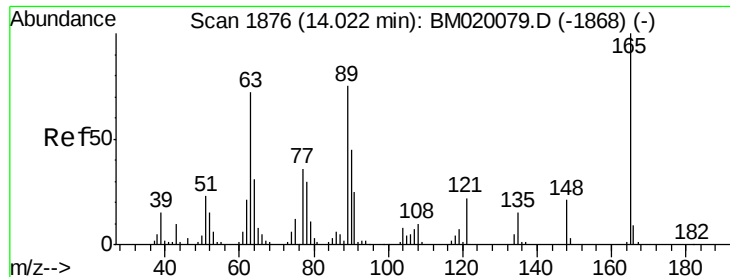


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

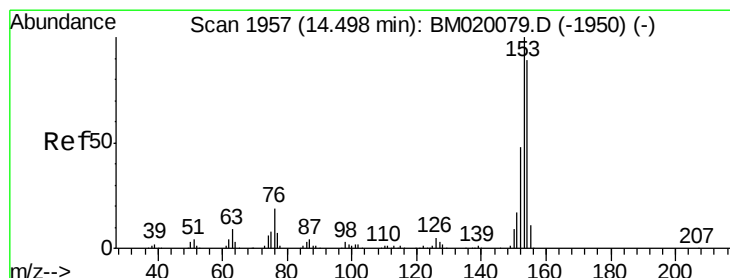
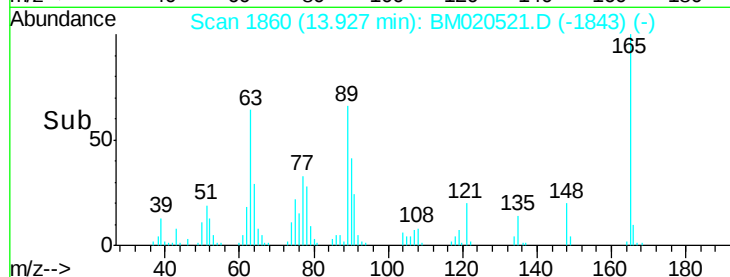
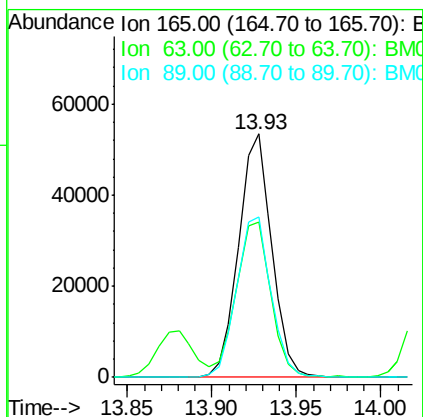
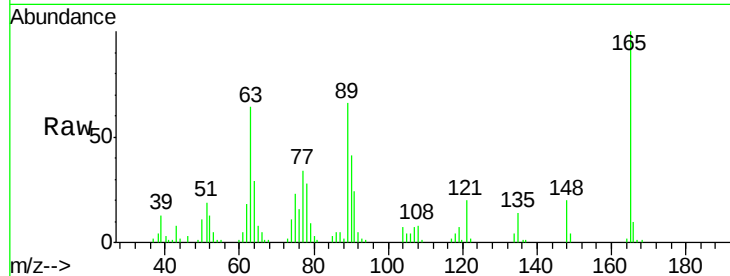




#51
 2,6-Dinitrotoluene
 Concen: 43.936 ng
 RT: 13.93 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

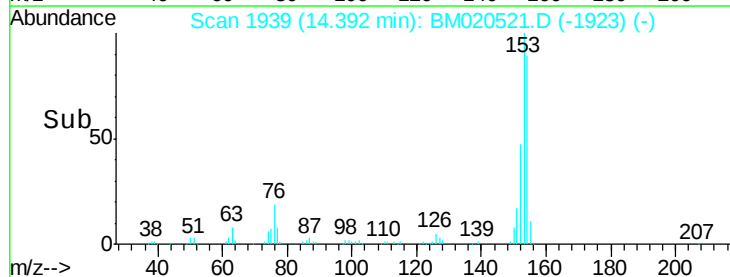
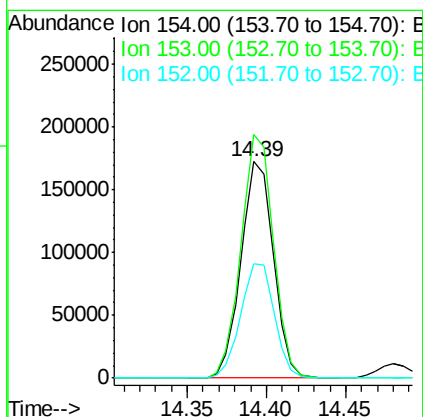
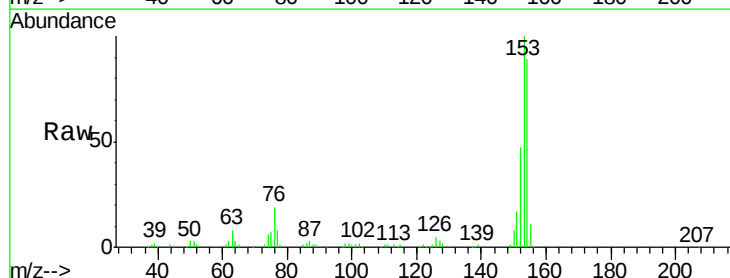
Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040EC

Tgt Ion:165 Resp: 73068
 Ion Ratio Lower Upper
 165 100
 63 63.7 60.3 90.5
 89 65.6 59.8 89.6



#52
 Acenaphthene
 Concen: 43.841 ng
 RT: 14.39 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Tgt Ion:154 Resp: 245648
 Ion Ratio Lower Upper
 154 100
 153 112.4 90.2 135.2
 152 52.7 43.0 64.4

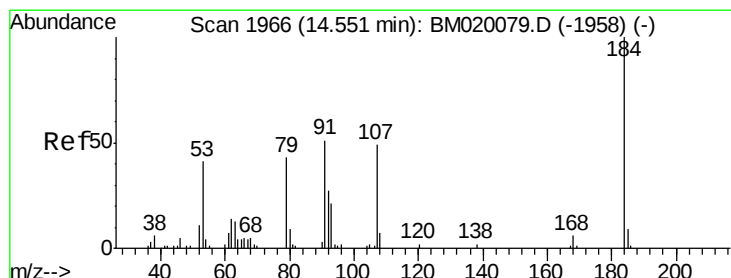
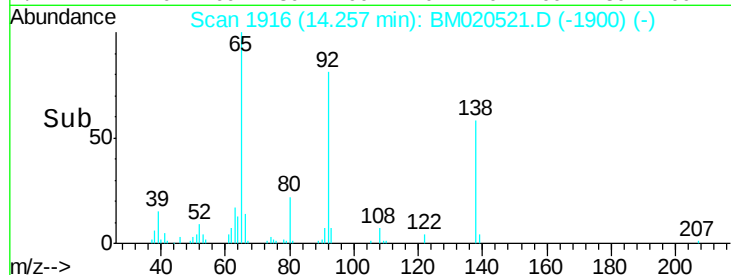
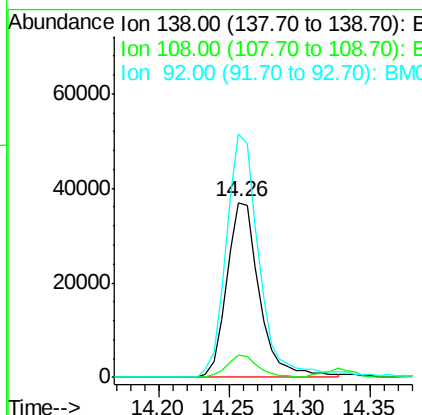
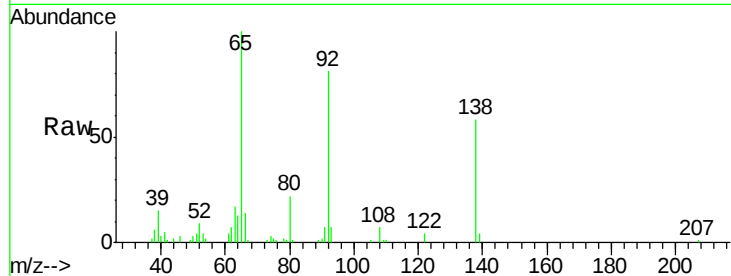




#53
 3-Nitroaniline
 Concen: 38.519 ng
 RT: 14.26 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

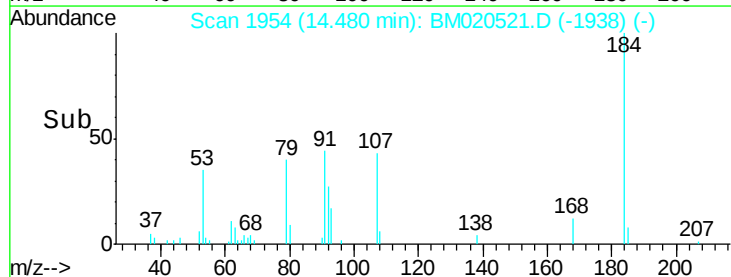
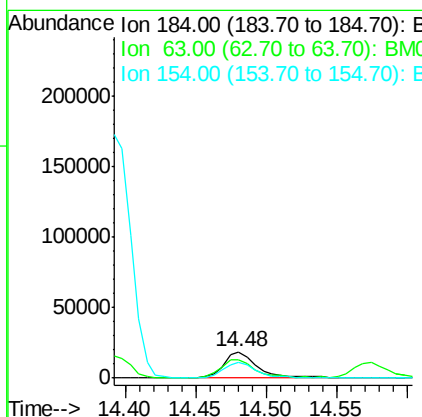
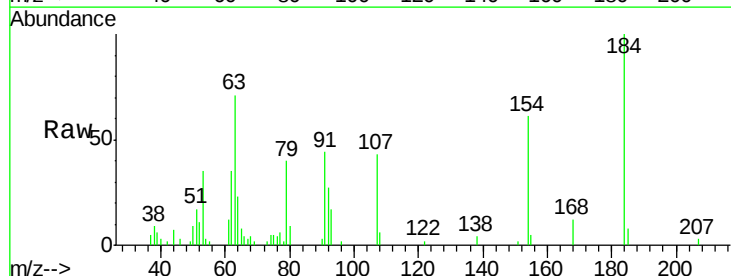
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

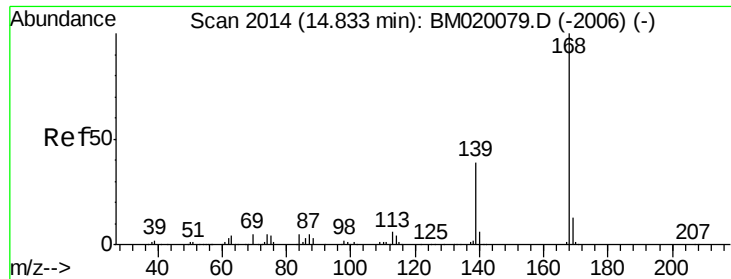
Tgt Ion:138 Resp: 59455
 Ion Ratio Lower Upper
 138 100
 108 12.7 10.4 15.6
 92 139.4 111.3 166.9



#54
 2,4-Dinitrophenol
 Concen: 41.458 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Tgt Ion:184 Resp: 30733
 Ion Ratio Lower Upper
 184 100
 63 70.9 68.9 103.3
 154 61.4 54.4 81.6





#55

Dibenzofuran

Concen: 45.733 ng

RT: 14.73 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

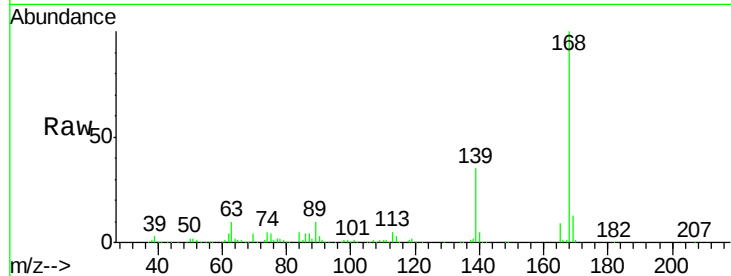
Tgt Ion:168 Resp: 432229

Ion Ratio Lower Upper

168 100

139 35.1 31.1 46.7

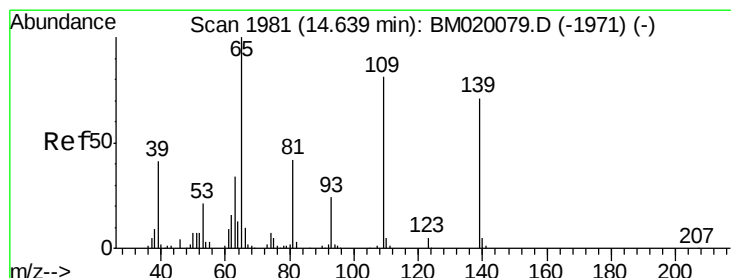
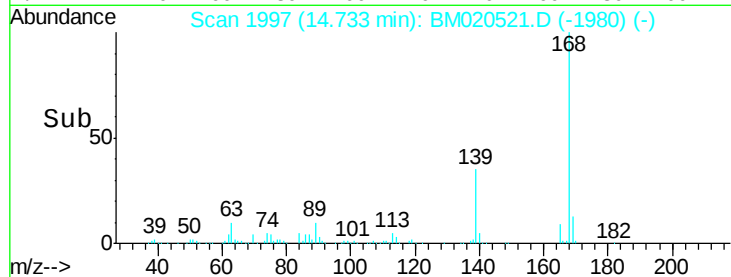
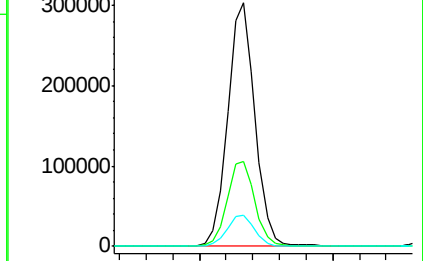
169 12.8 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 36.253 ng

RT: 14.57 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

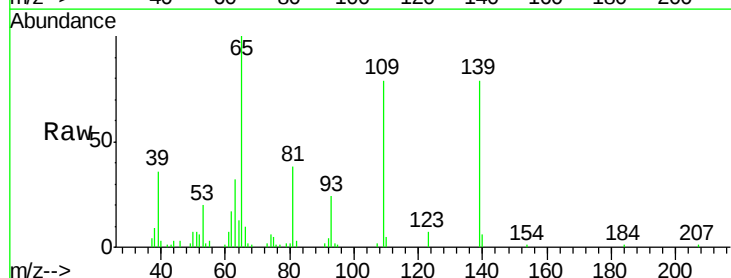
Tgt Ion:139 Resp: 47743

Ion Ratio Lower Upper

139 100

109 99.6 94.1 134.1

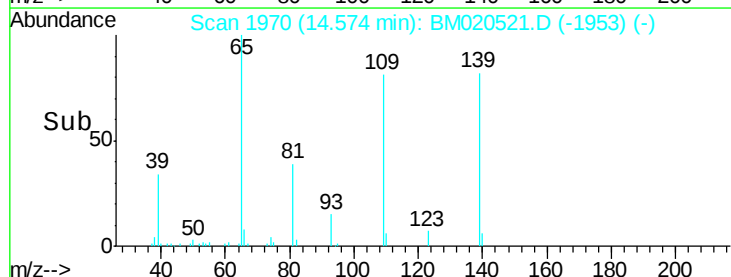
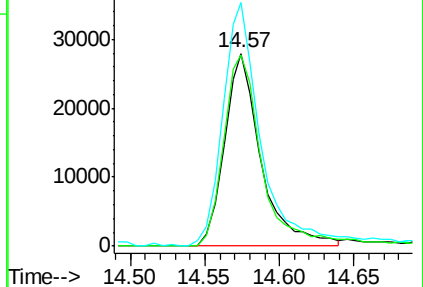
65 126.5 120.9 160.9

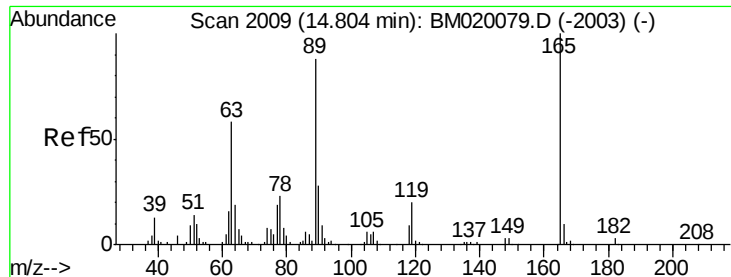


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

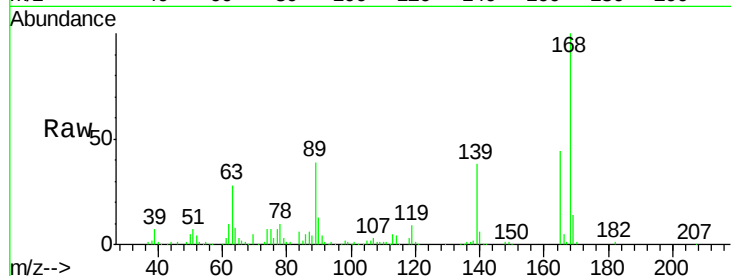




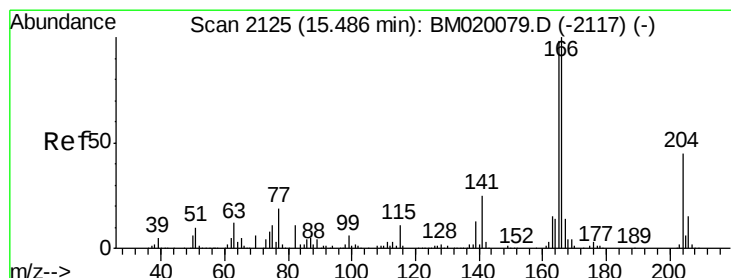
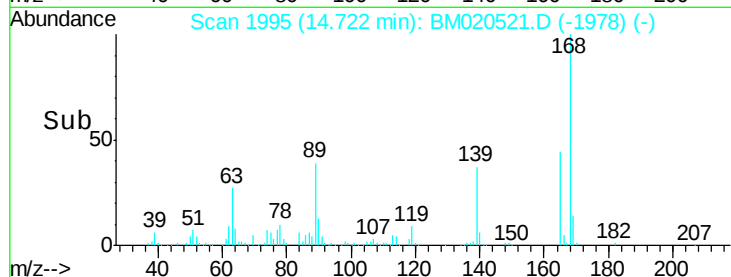
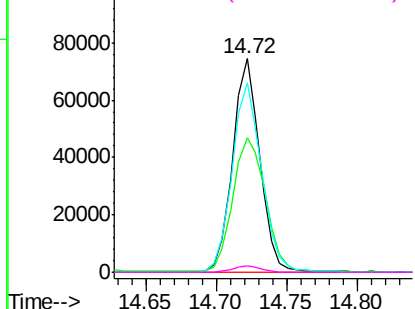
#57
2,4-Dinitrotoluene
Concen: 44.302 ng
RT: 14.72 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BM020521.D
Acq: 23 May 2019 18:21

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 100112
Ion Ratio Lower Upper
165 100
63 62.9 46.2 69.2
89 88.5 70.6 105.8
182 3.2 2.2 3.2

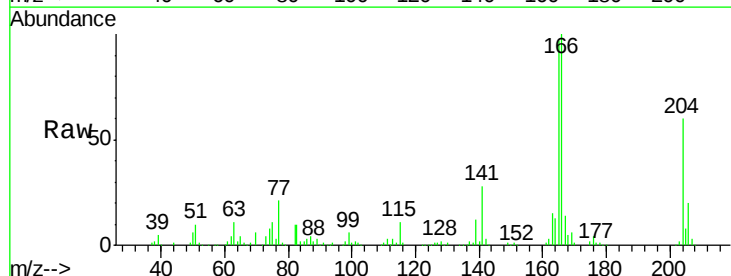


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

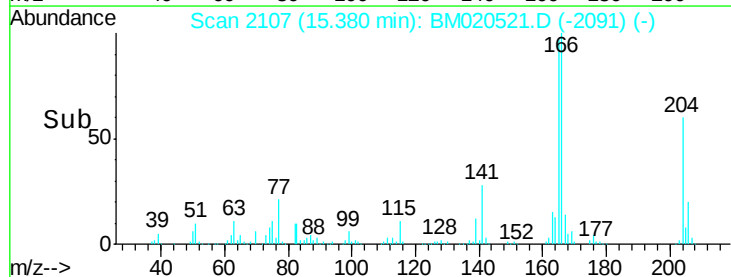
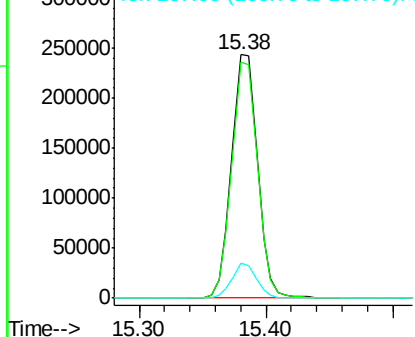


#58
Fluorene
Concen: 44.693 ng
RT: 15.38 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BM020521.D
Acq: 23 May 2019 18:21

Tgt Ion:166 Resp: 346910
Ion Ratio Lower Upper
166 100
165 97.2 78.2 117.2
167 14.2 11.0 16.4



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

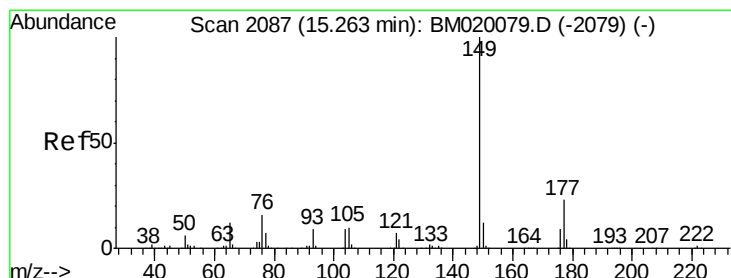
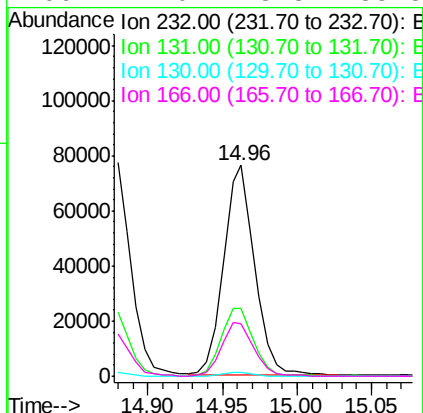
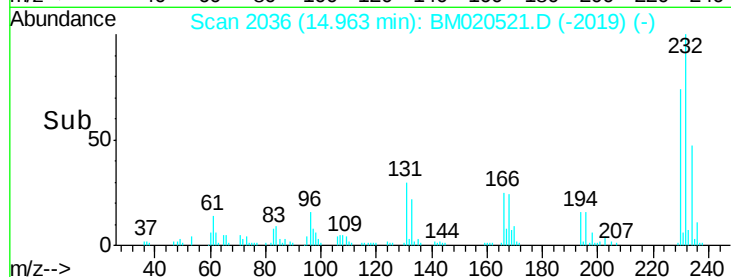
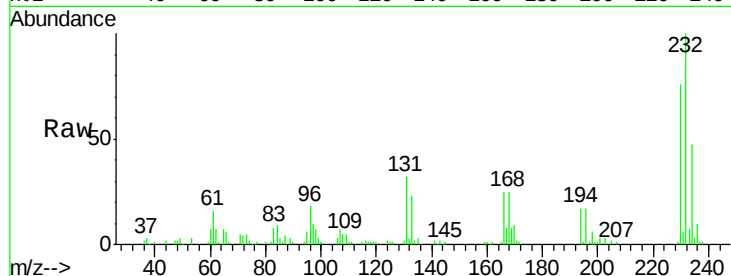




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.275 ng
 RT: 14.96 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

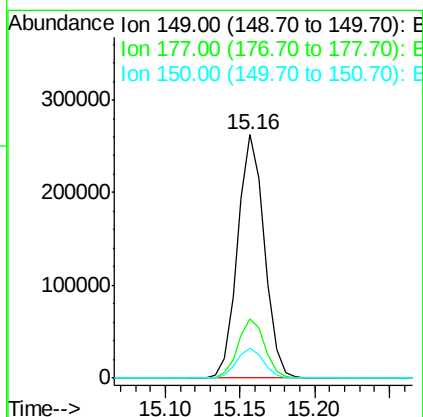
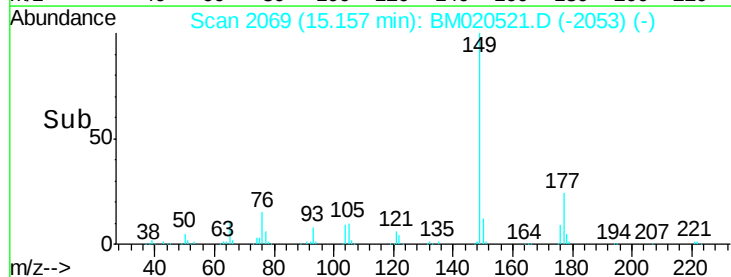
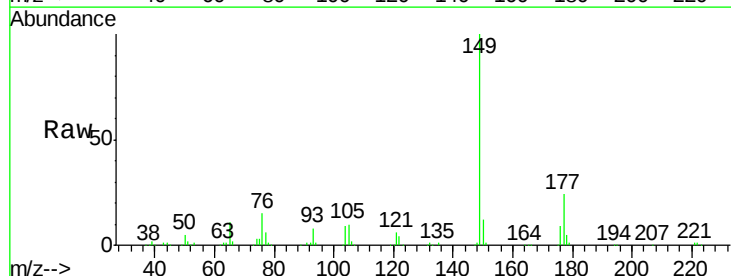
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	232	Resp:	110251
Ion	Ratio	Lower	Upper
232	100		
131	34.7	34.2	51.4
130	1.8	2.0	3.0#
166	27.0	23.8	35.8



#60
 Diethylphthalate
 Concen: 41.067 ng
 RT: 15.16 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Tgt Ion:	149	Resp:	326693
Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.2	27.4
150	12.4	9.9	14.9

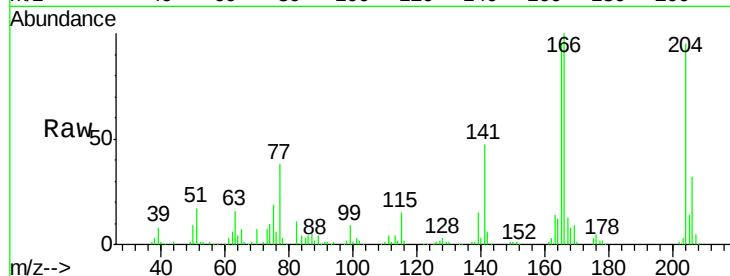




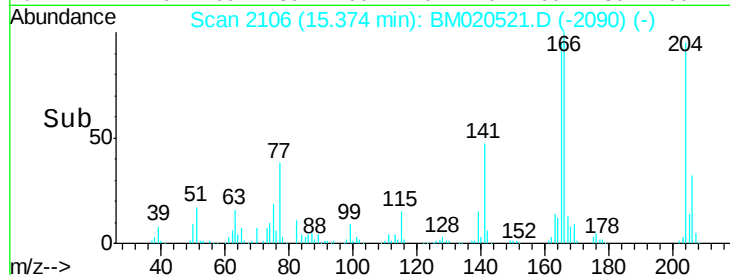
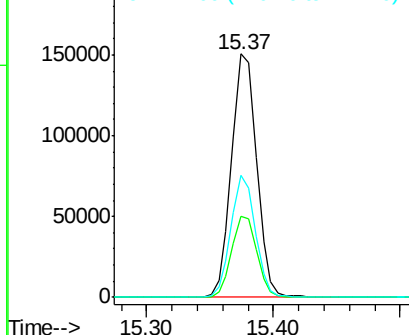
#61
 4-Chlorophenyl-phenylether
 Concen: 47.140 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	204	Resp:	207320
Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.6	38.4
141	50.0	46.1	69.1

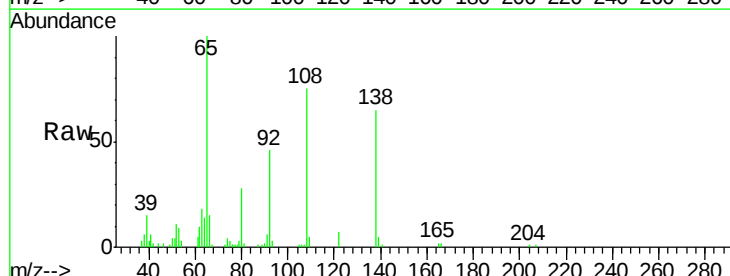


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

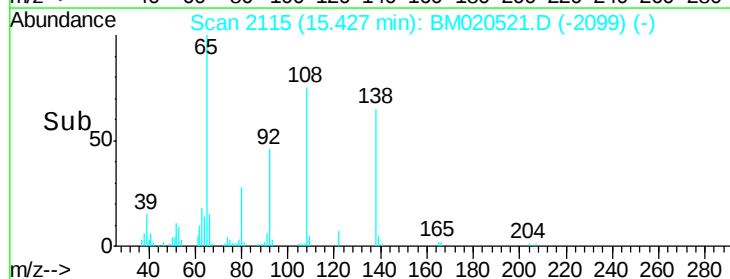
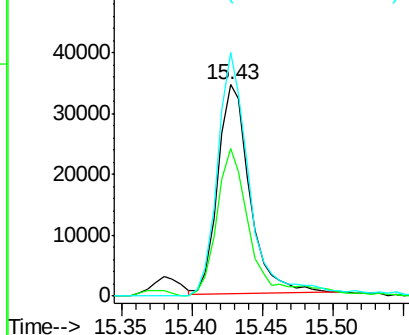


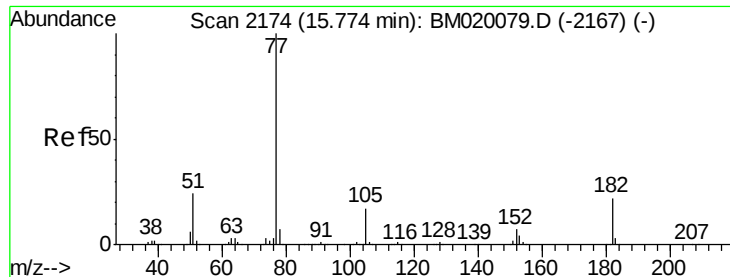
#62
 4-Nitroaniline
 Concen: 31.847 ng
 RT: 15.43 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Tgt Ion:	138	Resp:	54249
Ion	Ratio	Lower	Upper
138	100		
92	70.1	45.9	85.9
108	115.4	97.7	137.7



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





#63

Azobenzene

Concen: 38.342 ng

RT: 15.67 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 359826

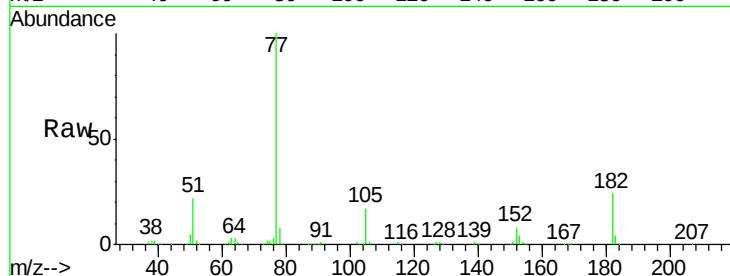
Ion Ratio Lower Upper

77 100

182 24.5 2.1 42.1

105 17.2 0.0 36.8

51 22.0 3.8 43.8



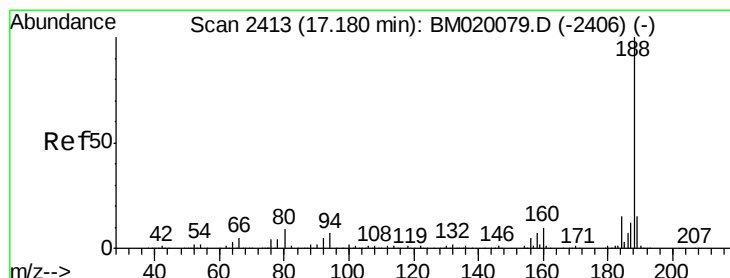
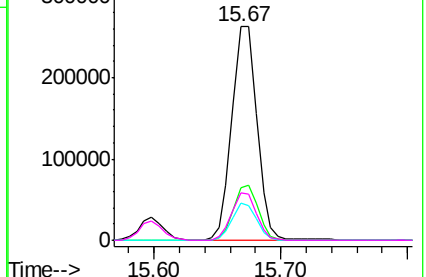
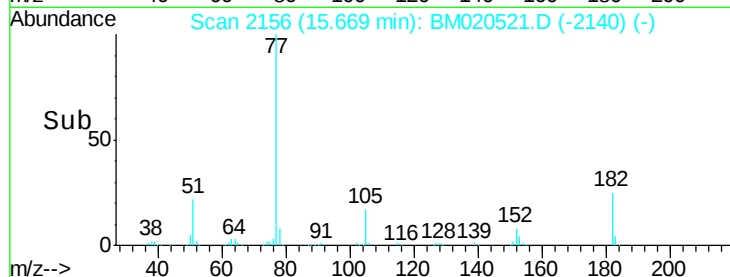
Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-2167) (-)

Ion 182.00 (181.70 to 182.70): BM020079.D (-2167) (-)

Ion 105.00 (104.70 to 105.70): BM020079.D (-2167) (-)

Ion 51.00 (50.70 to 51.70): BM020079.D (-2167) (-)

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

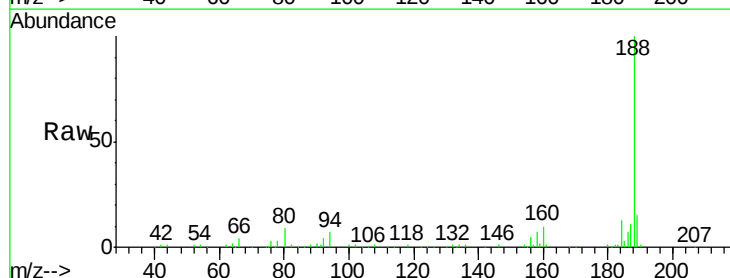
Tgt Ion: 188 Resp: 233142

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.6

80 8.7 7.4 11.2

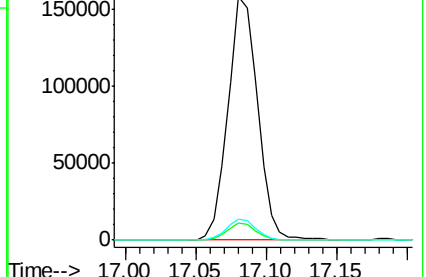
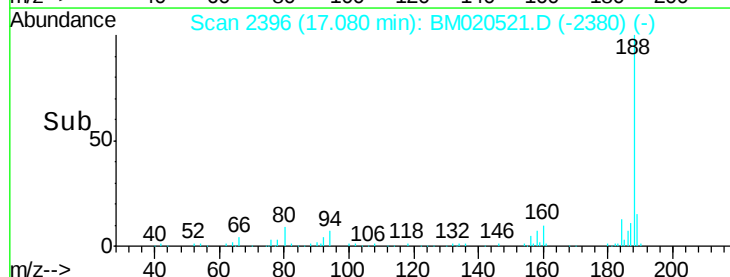


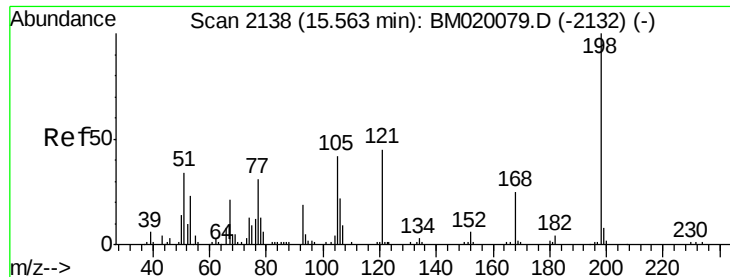
Abundance Ion 188.00 (187.70 to 188.70): BM020079.D (-2406) (-)

Ion 94.00 (93.70 to 94.70): BM020079.D (-2406) (-)

Ion 80.00 (79.70 to 80.70): BM020079.D (-2406) (-)

Time-->

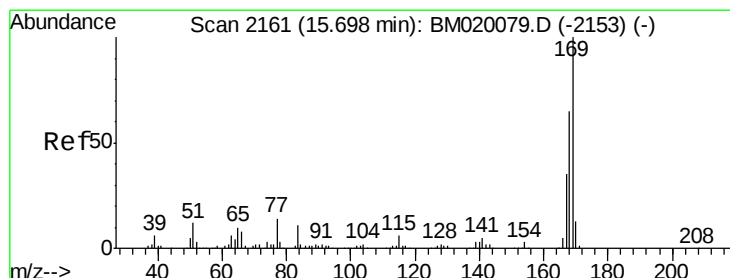
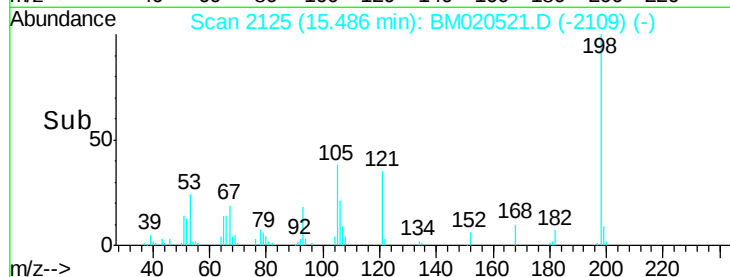
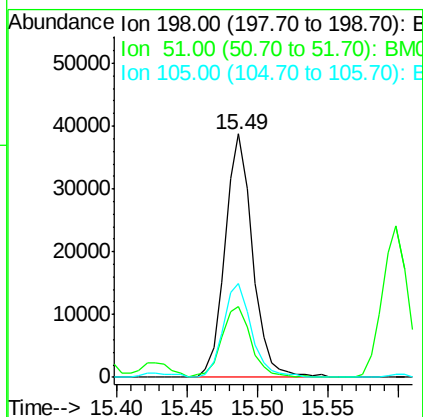
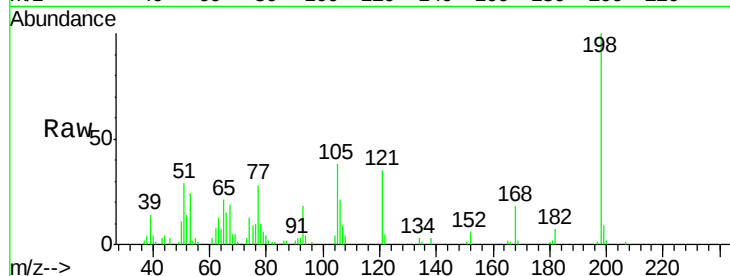




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.256 ng
 RT: 15.49 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

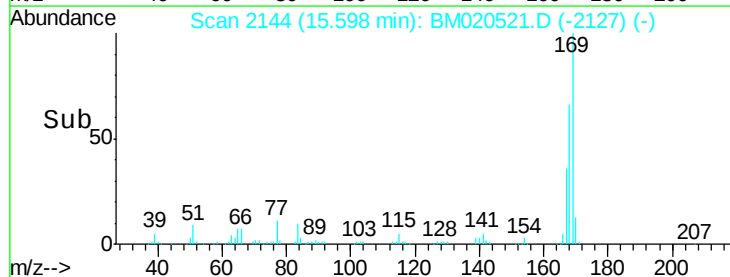
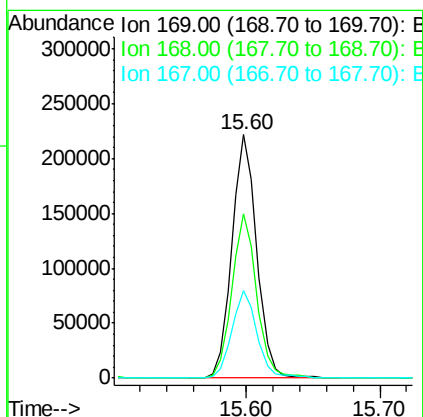
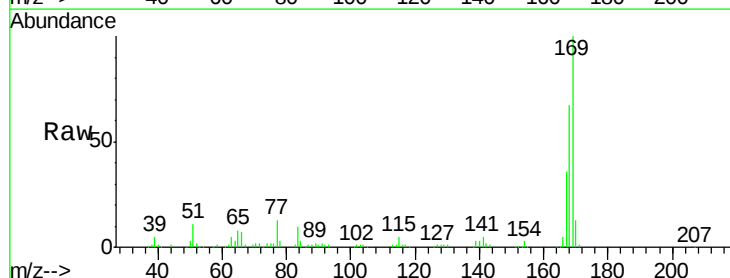
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

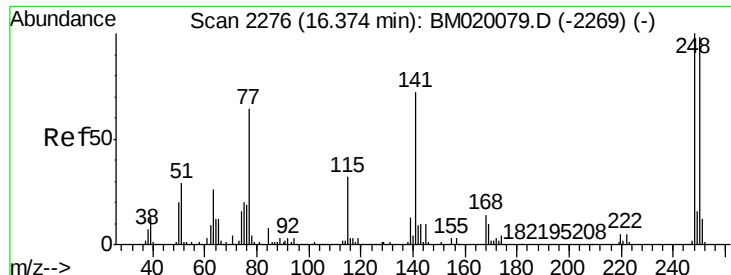
Tgt Ion:198 Resp: 52670
 Ion Ratio Lower Upper
 198 100
 51 28.9 16.5 56.5
 105 38.3 22.8 62.8



#66
 n-Nitrosodiphenylamine
 Concen: 42.170 ng
 RT: 15.60 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Tgt Ion:169 Resp: 289298
 Ion Ratio Lower Upper
 169 100
 168 67.3 51.9 77.9
 167 35.8 27.8 41.6

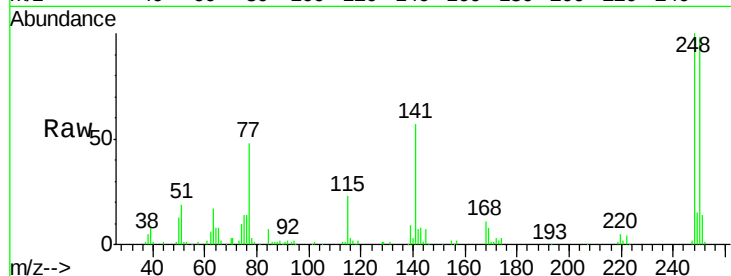




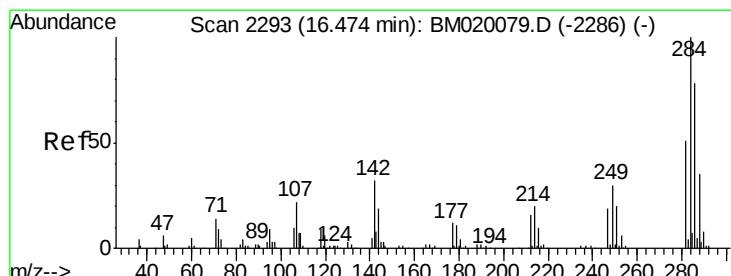
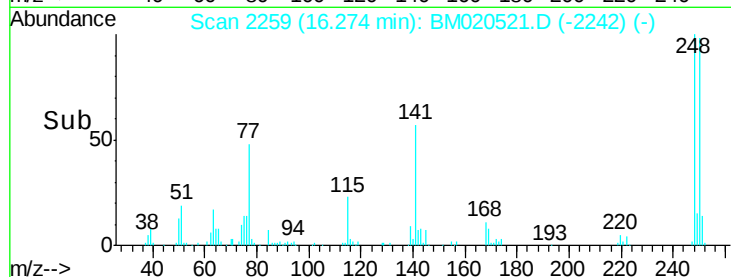
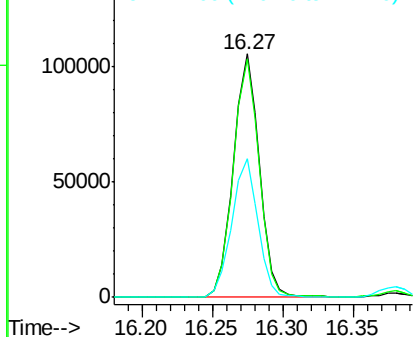
#67
 4-Bromophenyl-phenylether
 Concen: 47.472 ng
 RT: 16.27 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:248 Resp: 135719
 Ion Ratio Lower Upper
 248 100
 250 98.1 78.4 117.6
 141 56.8 57.4 86.2#

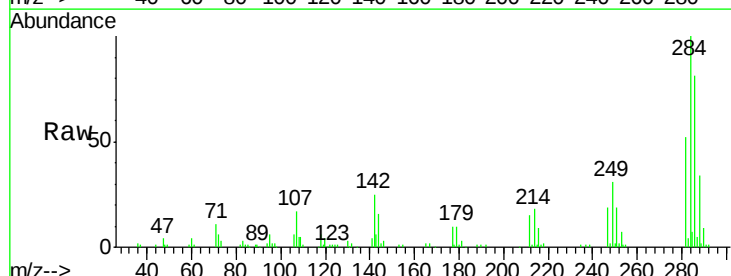


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

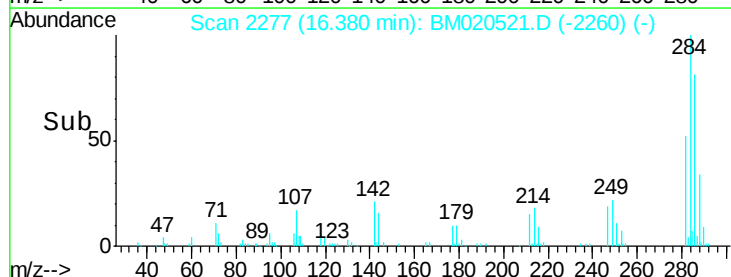
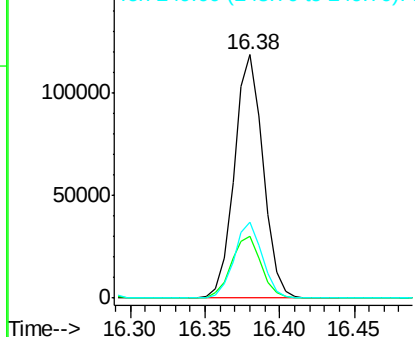


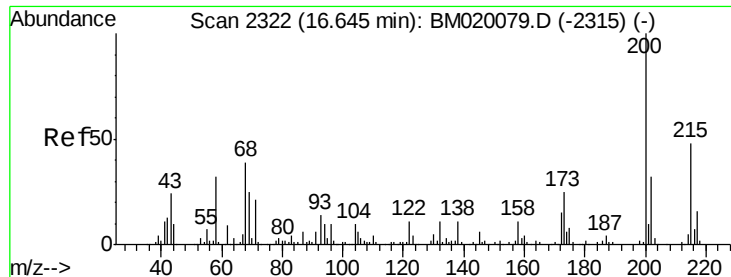
#68
 Hexachlorobenzene
 Concen: 48.588 ng
 RT: 16.38 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Tgt Ion:284 Resp: 159848
 Ion Ratio Lower Upper
 284 100
 142 25.5 25.2 37.8
 249 31.0 23.6 35.4



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

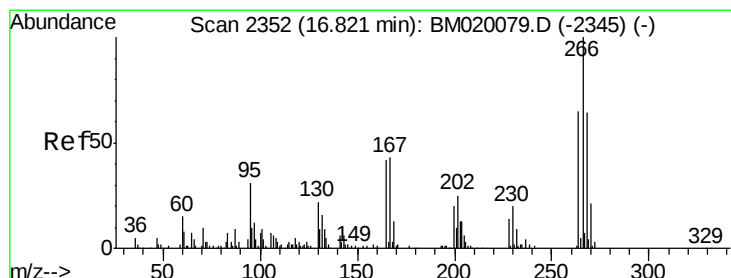
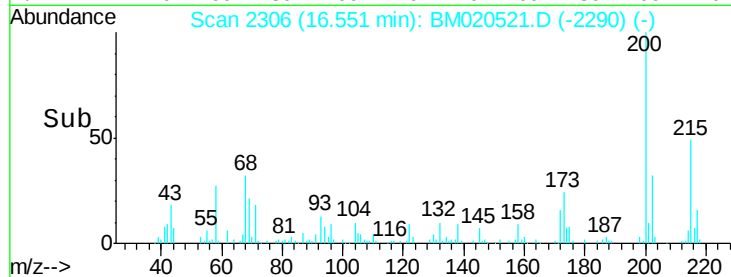
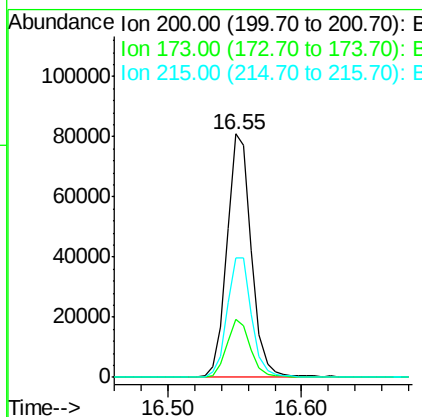
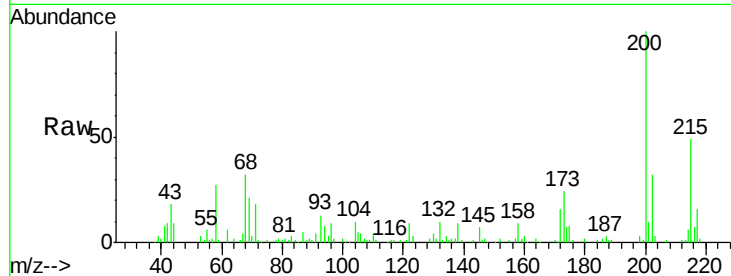




#69
 Atrazine
 Concen: 38.830 ng
 RT: 16.55 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

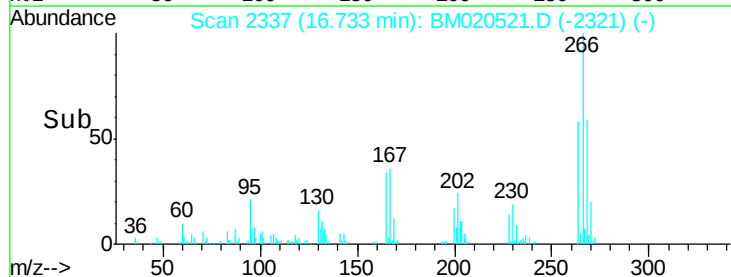
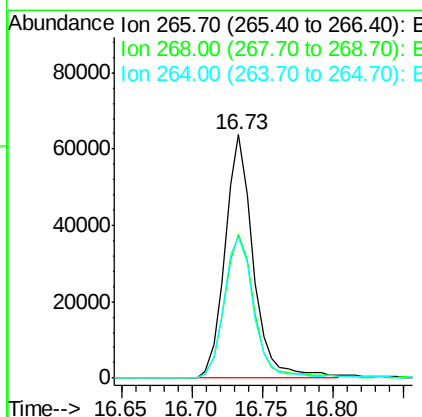
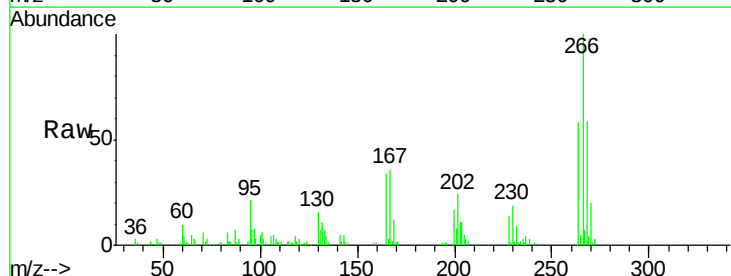
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

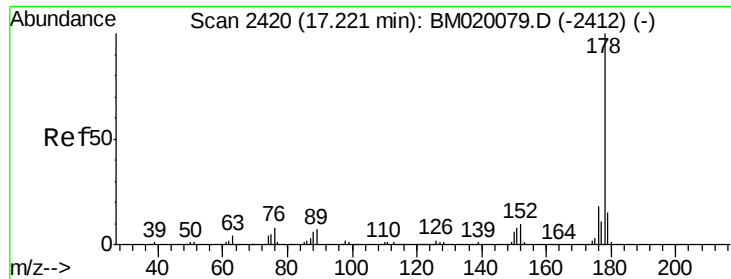
Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.6	4.6	44.6
215	48.9	28.0	68.0



#70
 Pentachlorophenol
 Concen: 47.161 ng
 RT: 16.73 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.2	51.4	77.0
264	57.8	52.0	78.0

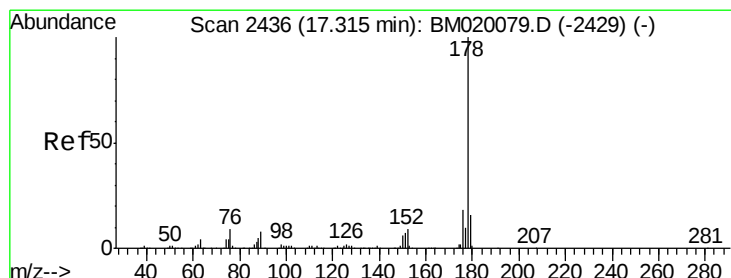
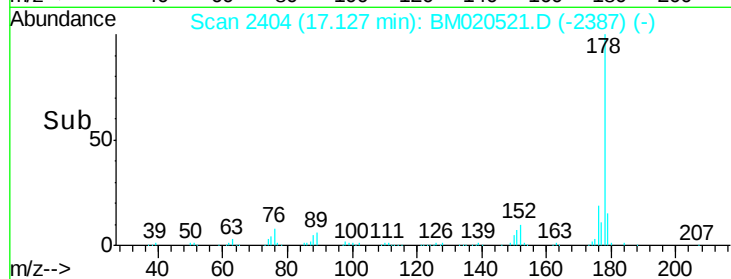
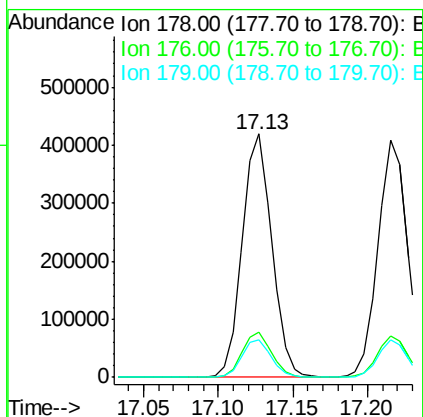
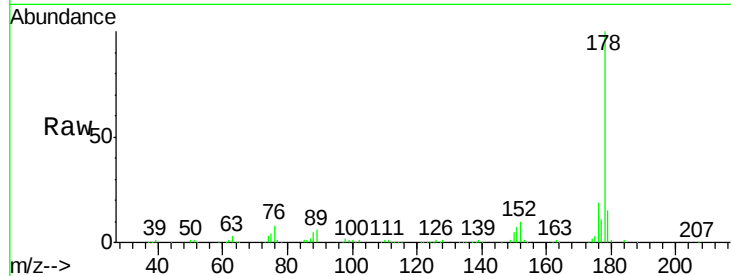




#71
Phenanthrene
Concen: 44.938 ng
RT: 17.13 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BM020521.D
Acq: 23 May 2019 18:21

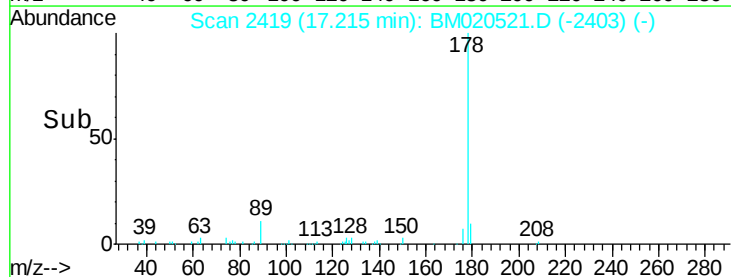
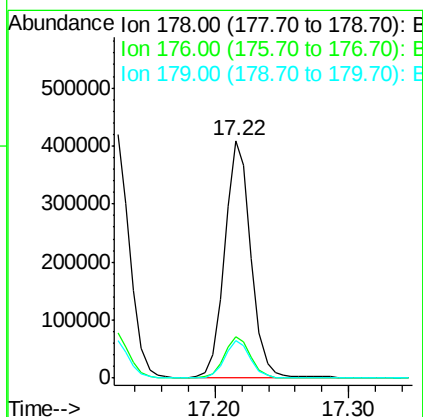
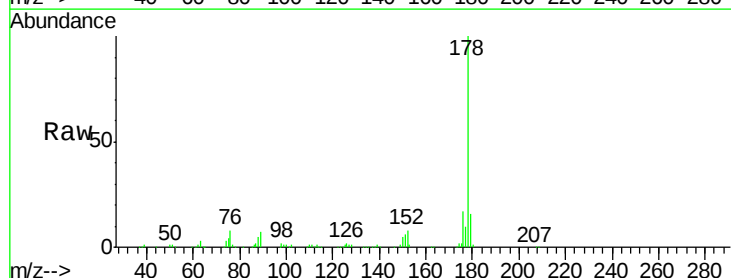
Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

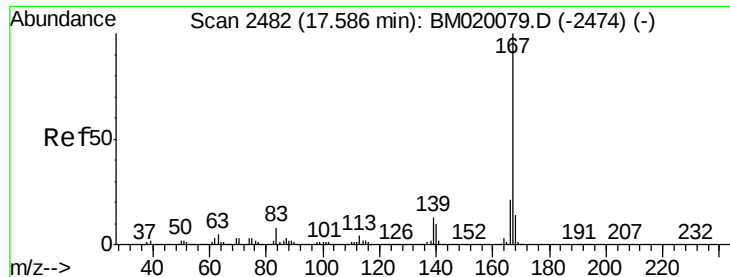
Tgt Ion:178 Resp: 578335
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.3 12.4 18.6



#72
Anthracene
Concen: 43.319 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020521.D
Acq: 23 May 2019 18:21

Tgt Ion:178 Resp: 557395
Ion Ratio Lower Upper
178 100
176 17.5 14.6 22.0
179 15.7 12.4 18.6

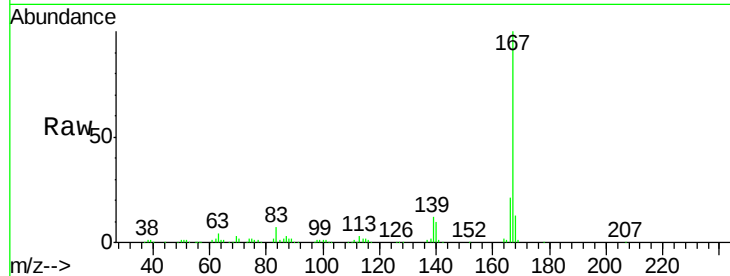




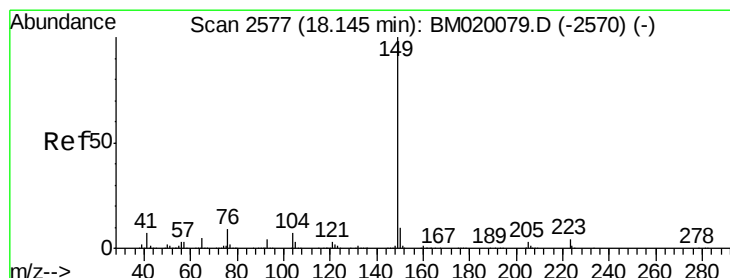
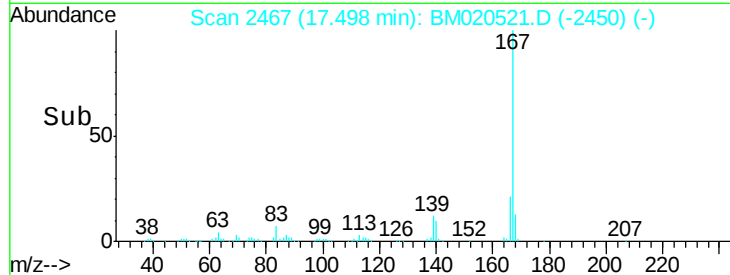
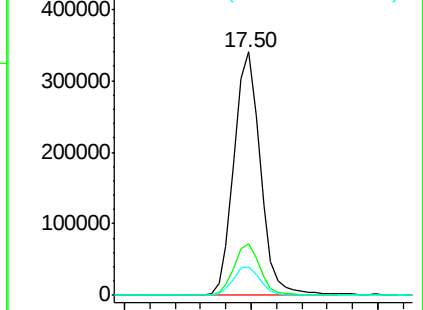
#73
 Carbazole
 Concen: 42.310 ng
 RT: 17.50 min Scan# 2467
 Delta R.T. 0.00 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:167 Resp: 491230
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 11.8 10.6 16.0

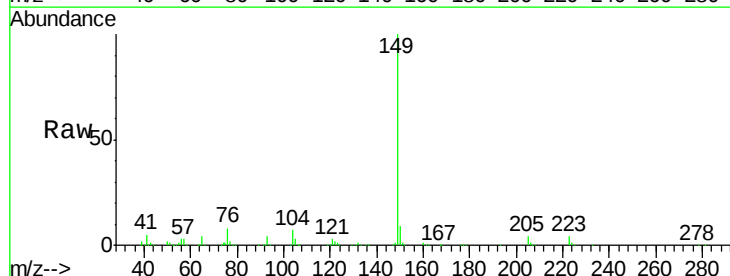


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

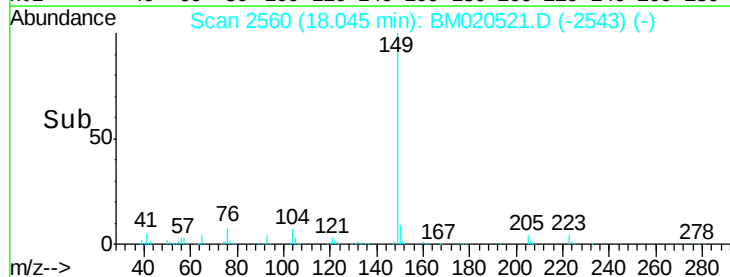
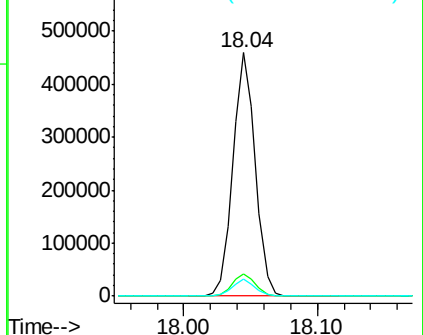


#74
 Di-n-butylphthalate
 Concen: 38.302 ng
 RT: 18.04 min Scan# 2560
 Delta R.T. 0.00 min
 Lab File: BM020521.D
 Acq: 23 May 2019 18:21

Tgt Ion:149 Resp: 535172
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.6
 104 7.0 5.7 8.5



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: 46.624 ng

RT: 19.15 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

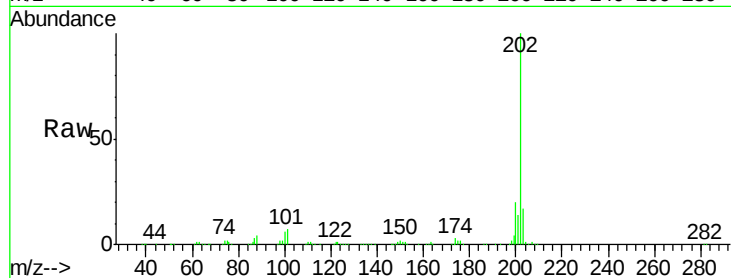
Tgt Ion:202 Resp: 759199

Ion Ratio Lower Upper

202 100

101 6.9 0.0 28.4

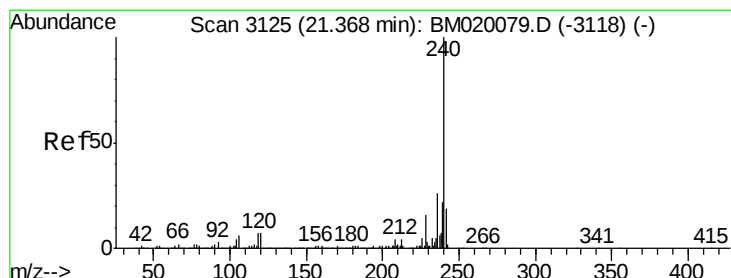
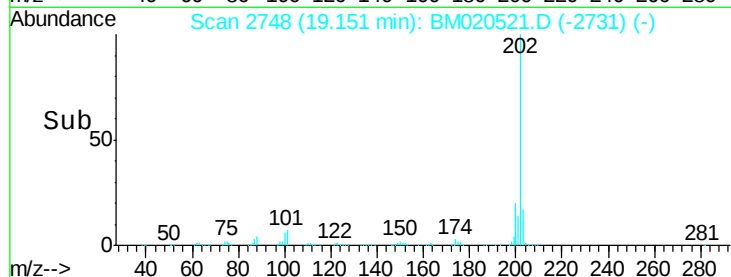
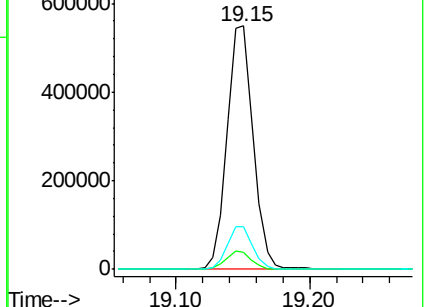
203 17.4 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

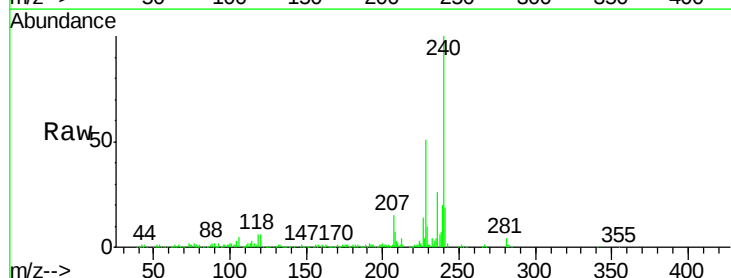
Tgt Ion:240 Resp: 268852

Ion Ratio Lower Upper

240 100

120 6.4 5.6 8.4

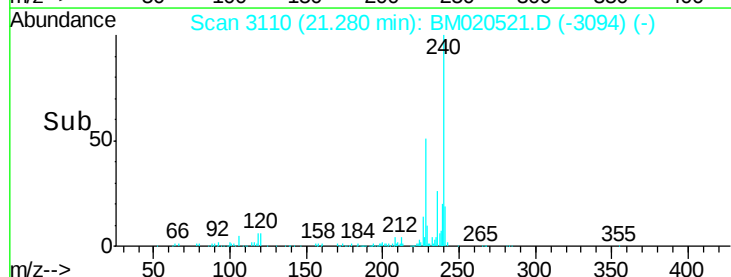
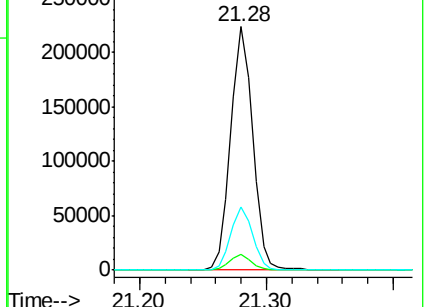
236 25.8 20.9 31.3

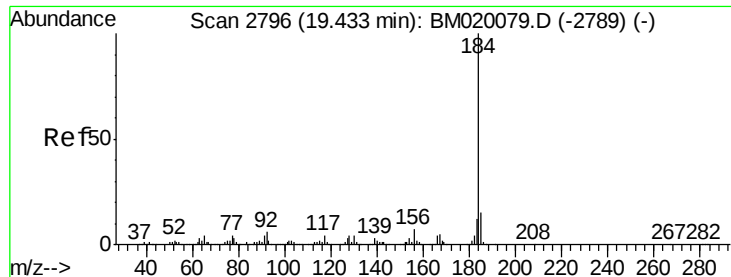


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.185 ng

RT: 19.35 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

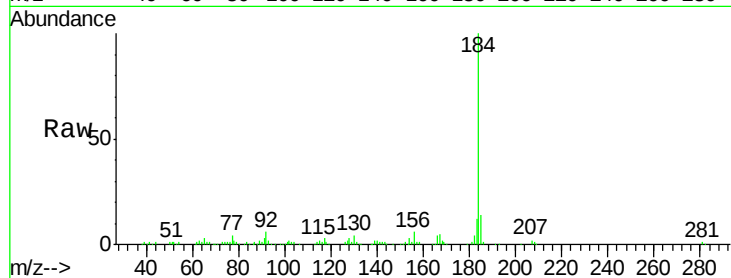
Tgt Ion:184 Resp: 293834

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

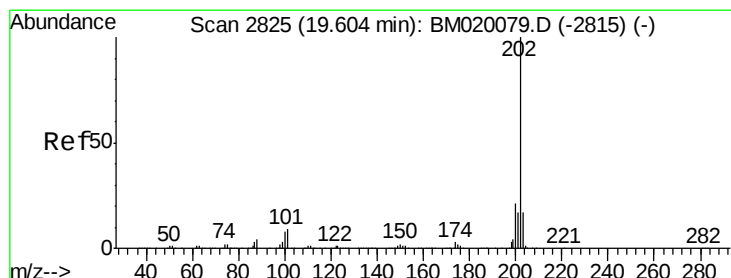
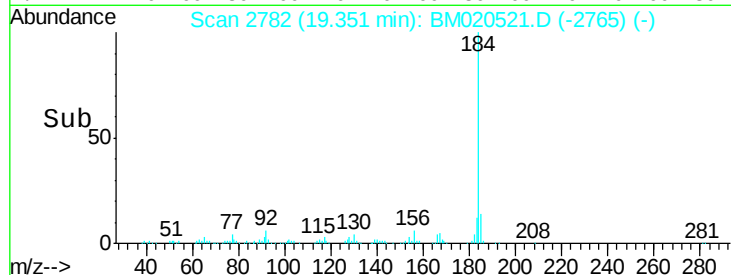
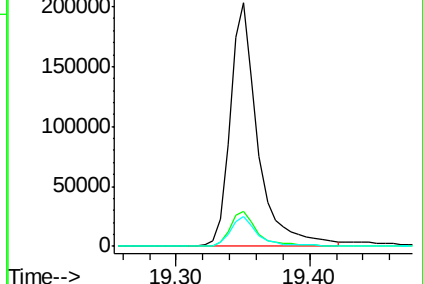
183 12.0 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.083 ng

RT: 19.52 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

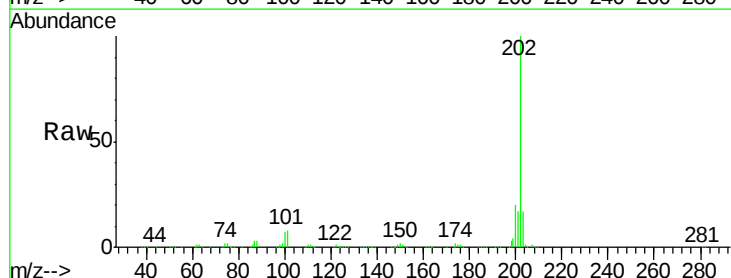
Tgt Ion:202 Resp: 777667

Ion Ratio Lower Upper

202 100

200 20.3 16.5 24.7

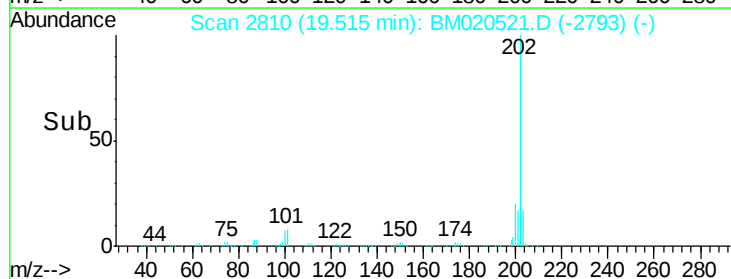
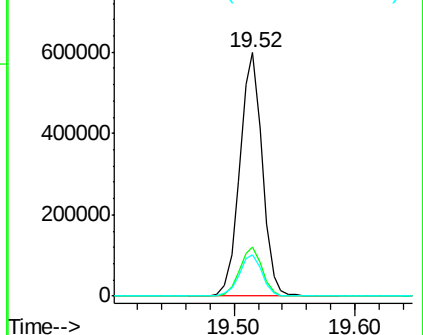
203 17.2 13.9 20.9



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: 88.056 ng

RT: 19.72 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

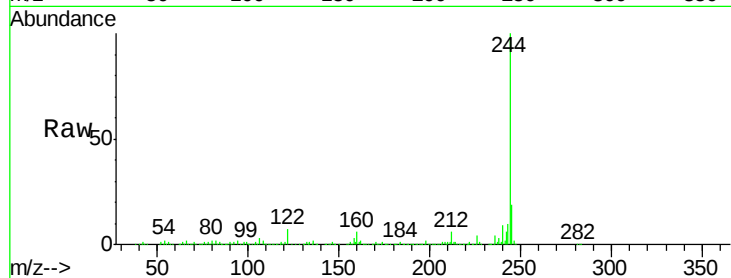
Tgt Ion:244 Resp: 1357287

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

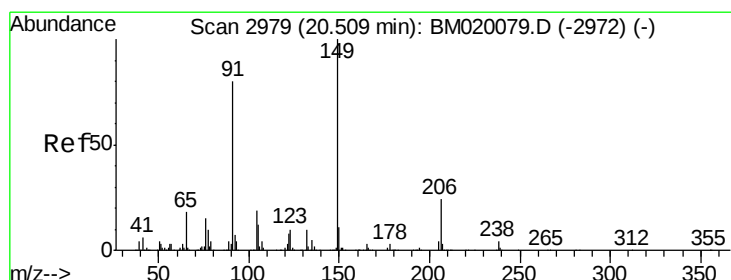
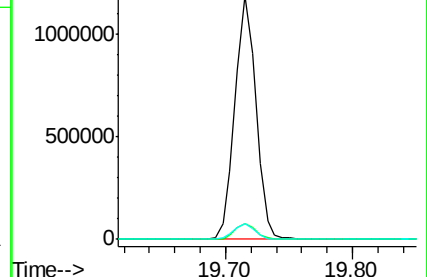
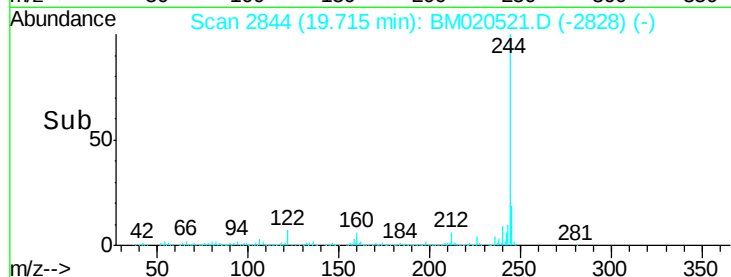
122 6.7 6.2 9.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.021 ng

RT: 20.41 min Scan# 2962

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

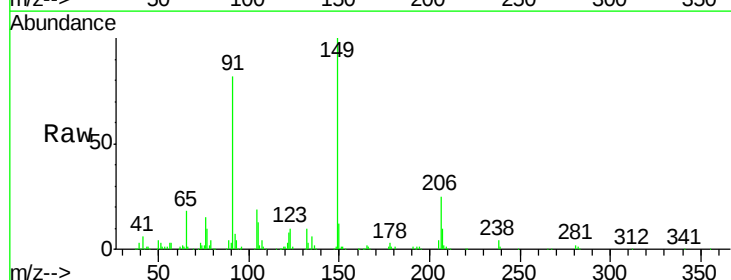
Tgt Ion:149 Resp: 243006

Ion Ratio Lower Upper

149 100

91 82.2 63.8 95.8

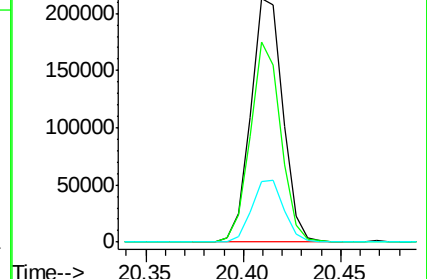
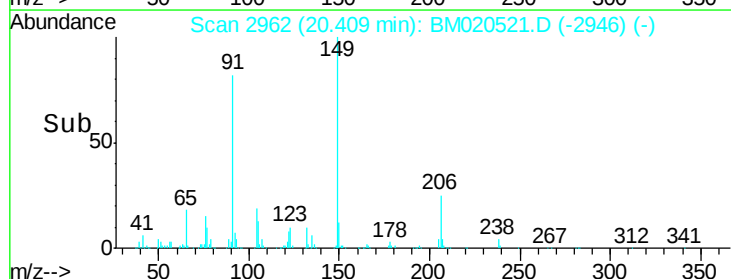
206 25.1 18.9 28.3

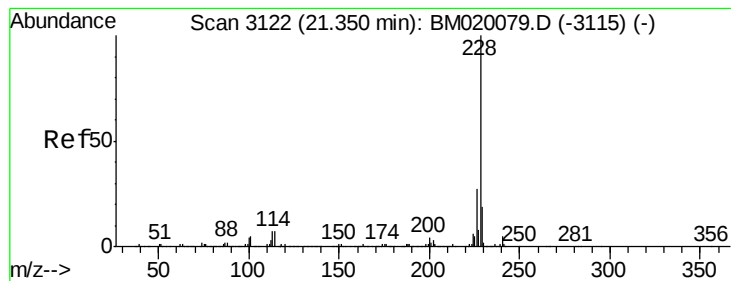


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.347 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

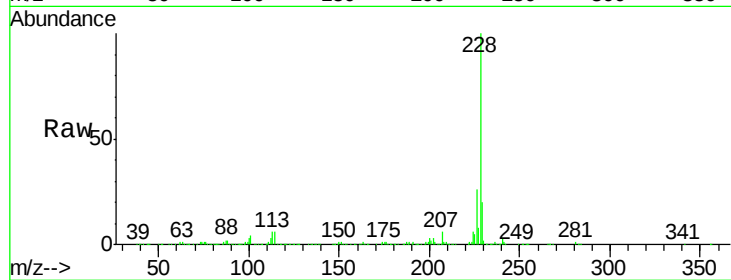
Tgt Ion:228 Resp: 817298

Ion Ratio Lower Upper

228 100

226 25.7 21.3 31.9

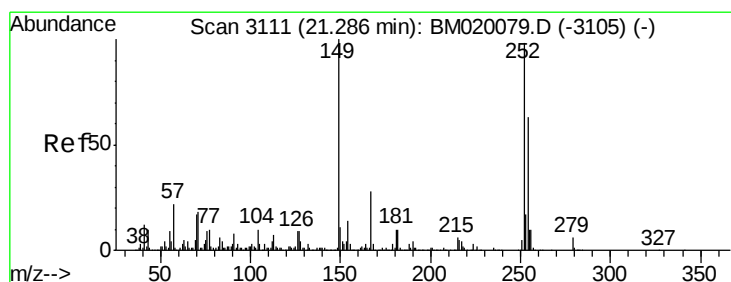
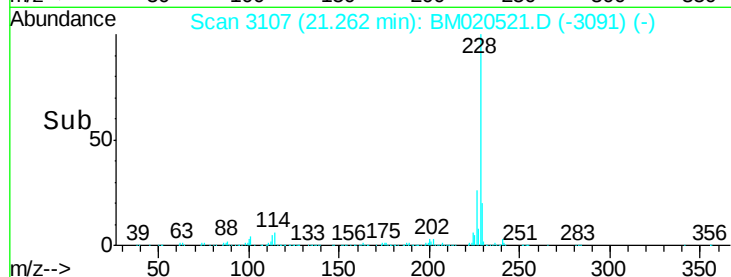
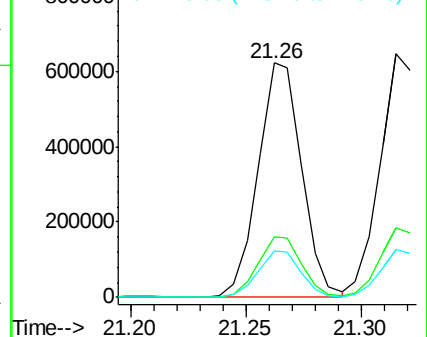
229 19.9 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.804 ng

RT: 21.20 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

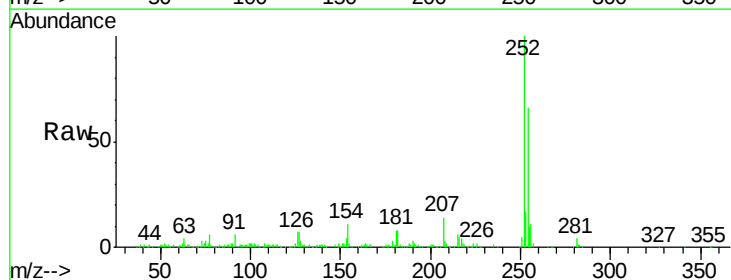
Tgt Ion:252 Resp: 286434

Ion Ratio Lower Upper

252 100

254 65.7 51.1 76.7

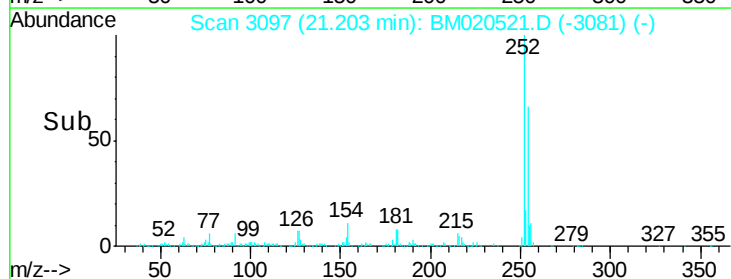
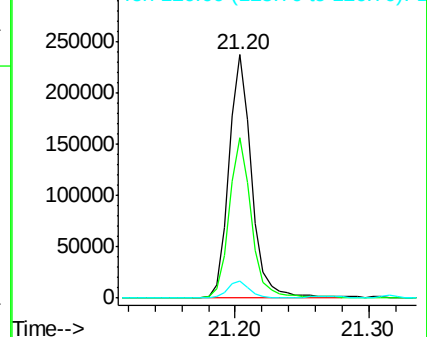
126 7.3 7.1 10.7

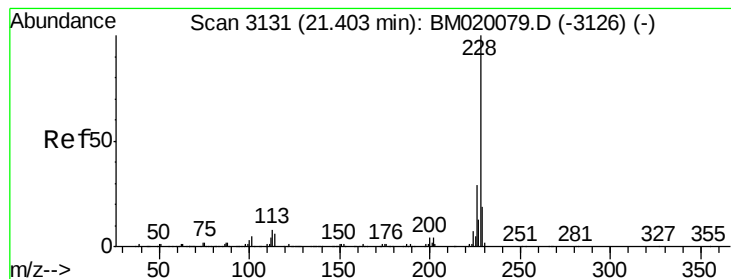


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.014 ng

RT: 21.32 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

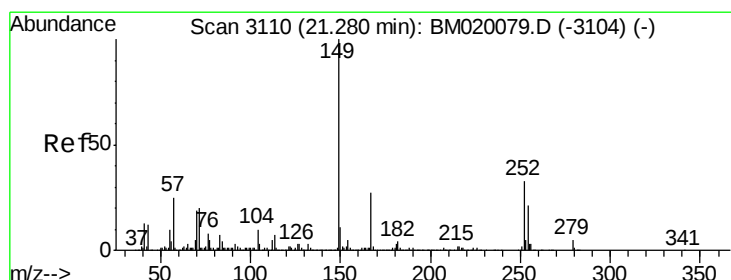
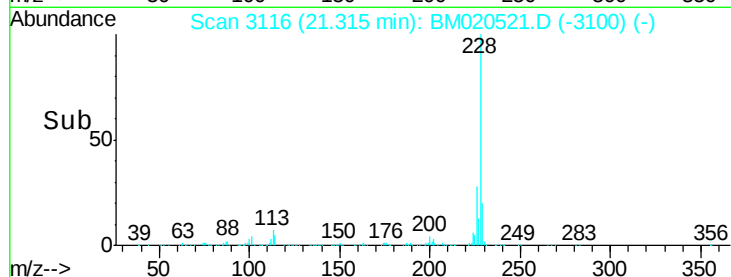
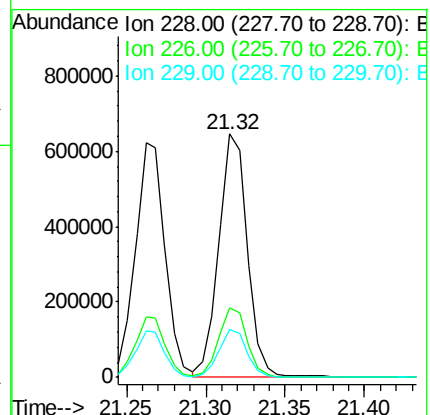
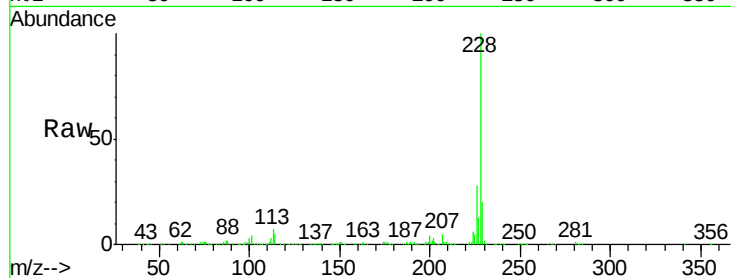
Tgt Ion:228 Resp: 804823

Ion Ratio Lower Upper

228 100

226 28.5 23.0 34.6

229 19.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.357 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

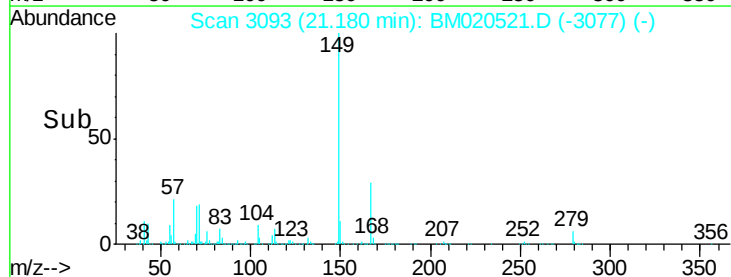
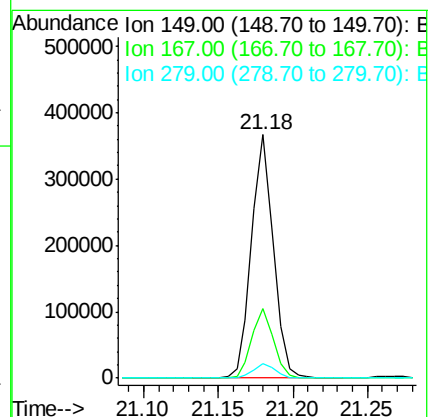
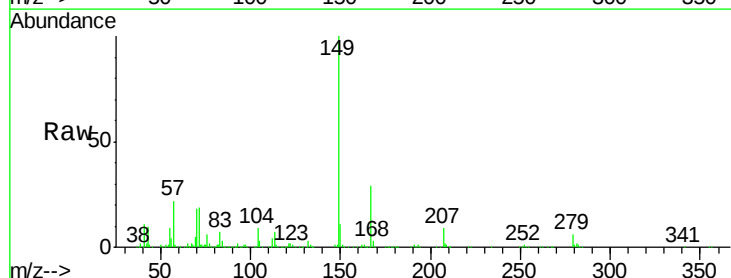
Tgt Ion:149 Resp: 370323

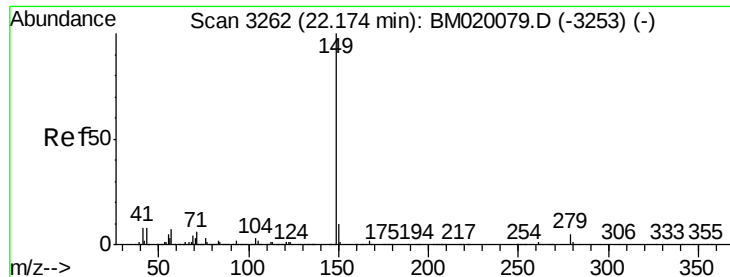
Ion Ratio Lower Upper

149 100

167 28.8 21.8 32.8

279 5.7 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 38.892 ng

RT: 22.06 min Scan# 3242

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

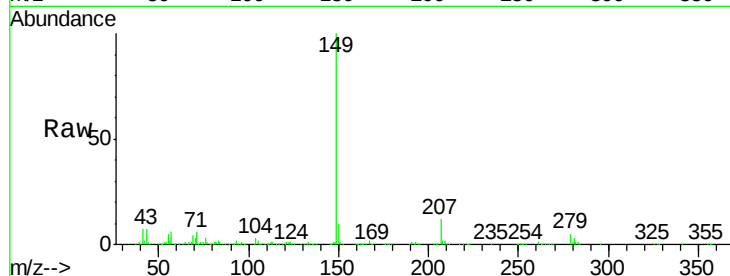
Tgt Ion:149 Resp: 658412

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

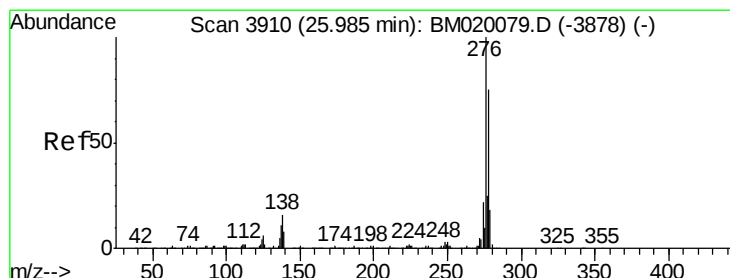
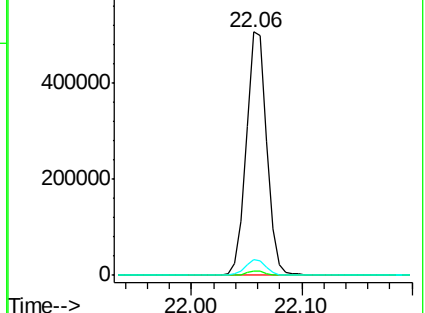
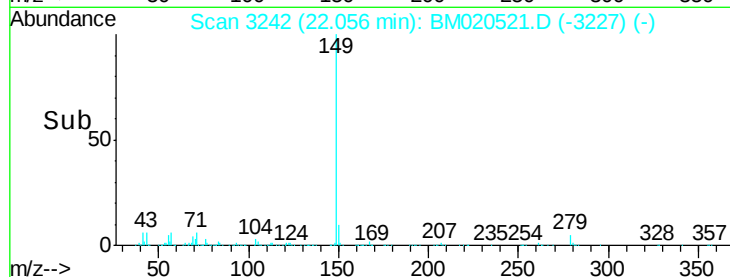
43 6.5 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.919 ng

RT: 25.80 min Scan# 3879

Delta R.T. -0.02 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

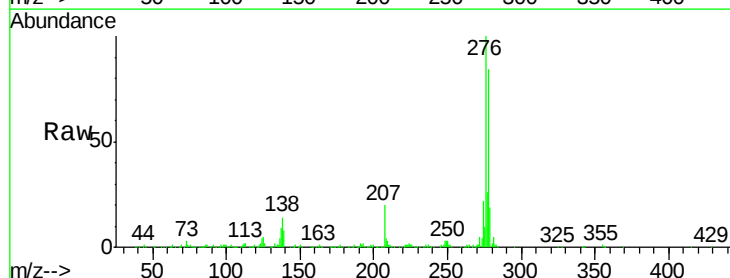
Tgt Ion:276 Resp: 1020511

Ion Ratio Lower Upper

276 100

138 13.8 0.0 0.0#

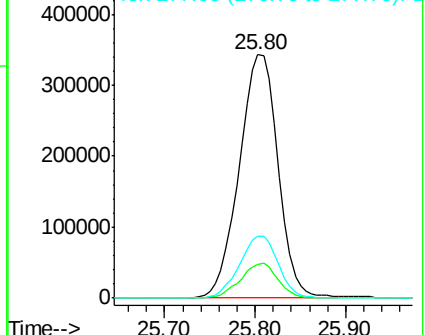
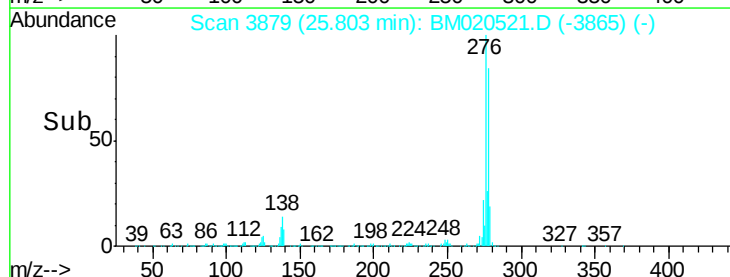
277 25.5 0.0 0.0#

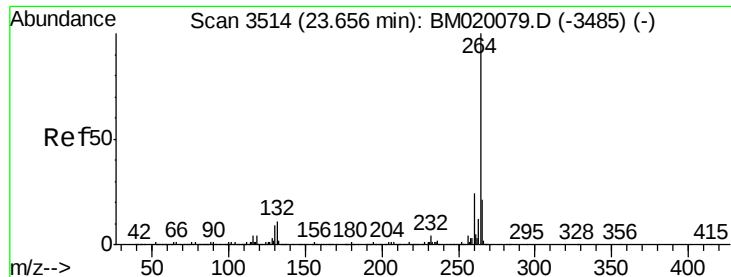


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.52 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

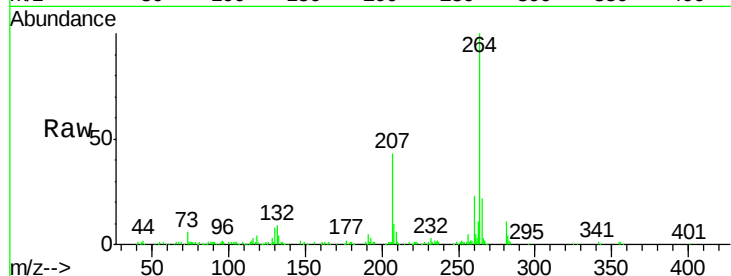
Tgt Ion: 264 Resp: 298754

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

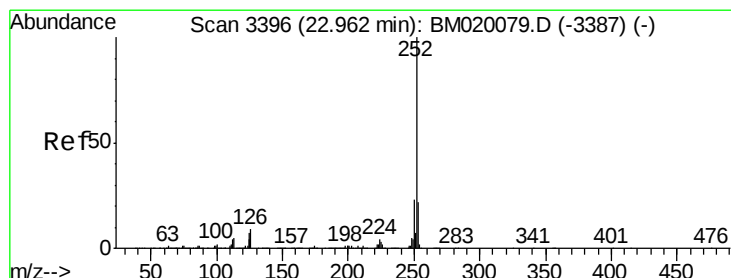
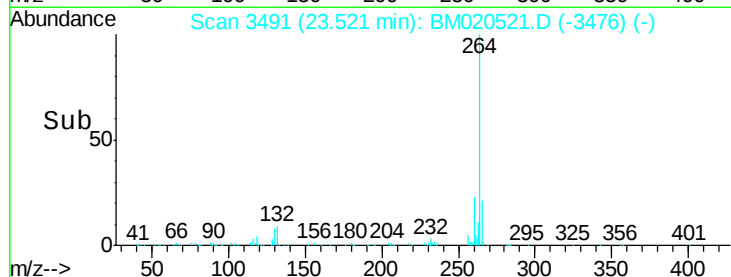
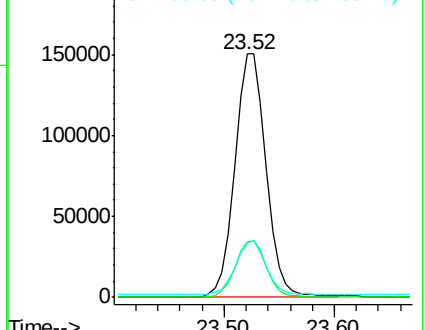
265 22.2 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.918 ng

RT: 22.84 min Scan# 3376

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

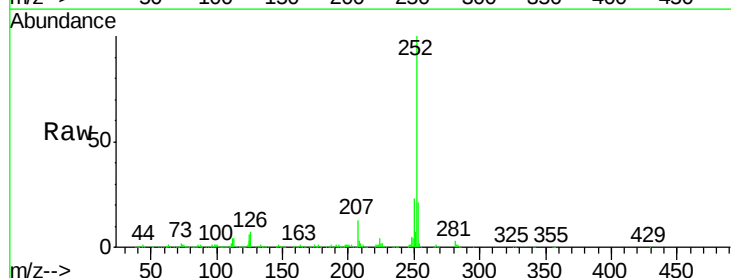
Tgt Ion: 252 Resp: 846697

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

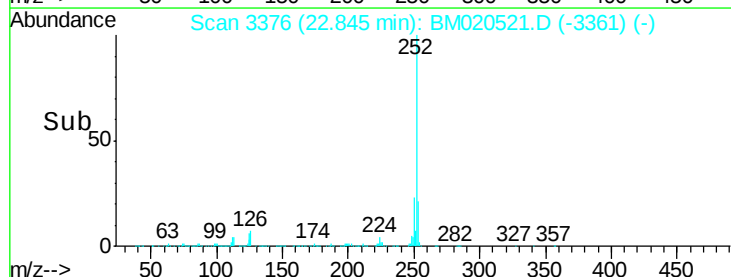
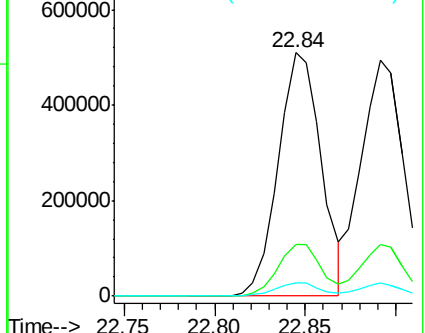
125 5.6 5.4 8.2

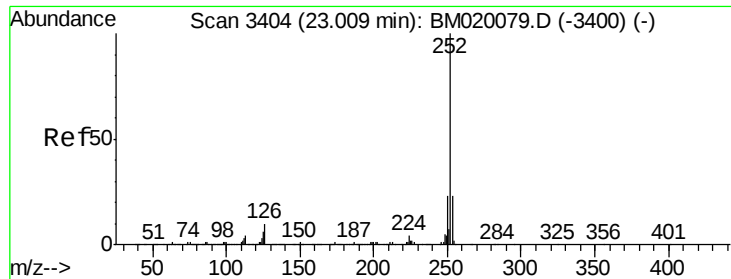


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.781 ng

RT: 22.89 min Scan# 3384

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

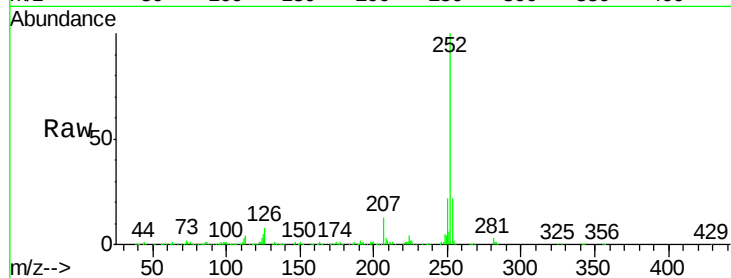
Tgt Ion:252 Resp: 805871

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

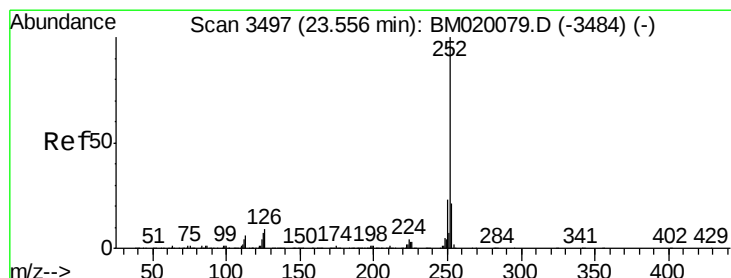
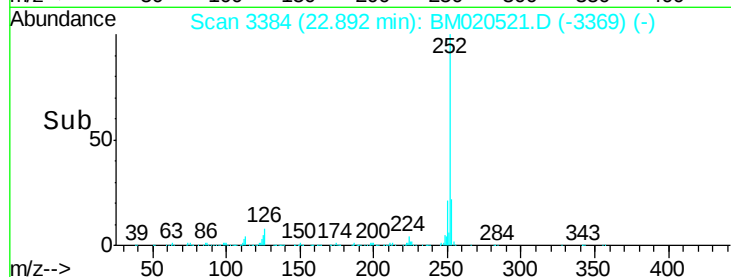
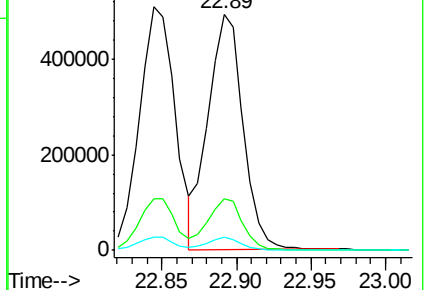
125 5.4 5.4 8.0



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



#90

Benzo(a)pyrene

Concen: 43.824 ng

RT: 23.43 min Scan# 3475

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

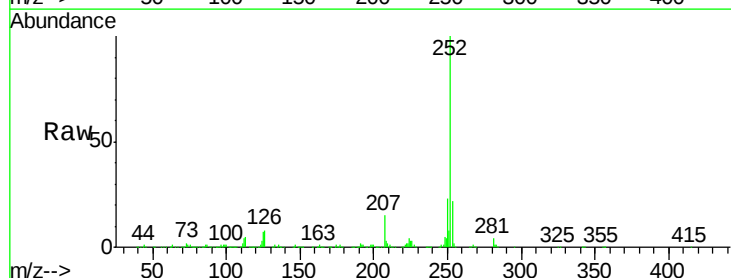
Tgt Ion:252 Resp: 785307

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

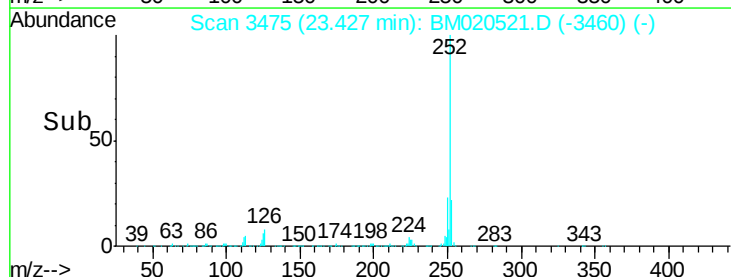
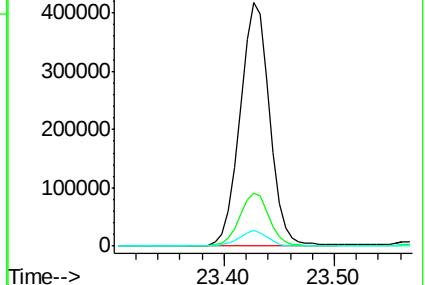
125 6.6 5.5 8.3

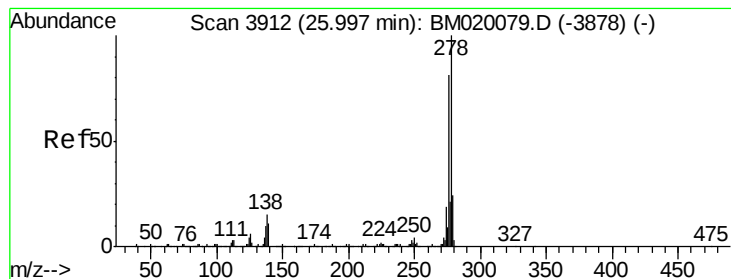


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.678 ng

RT: 25.81 min Scan# 3881

Delta R.T. -0.01 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

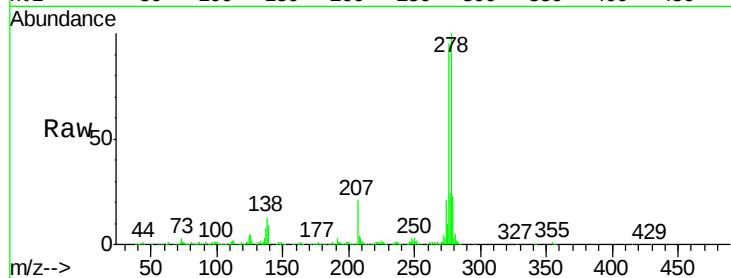
Tgt Ion: 278 Resp: 851237

Ion Ratio Lower Upper

278 100

139 8.8 8.6 13.0

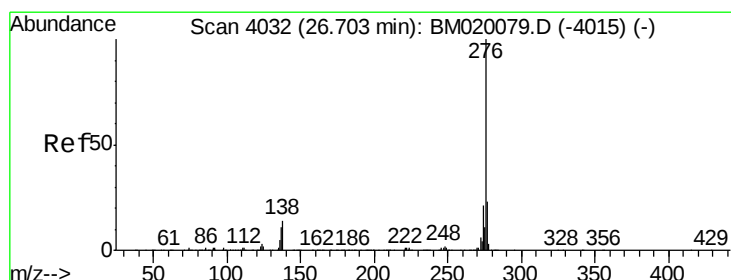
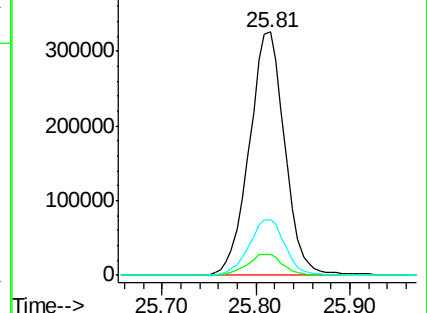
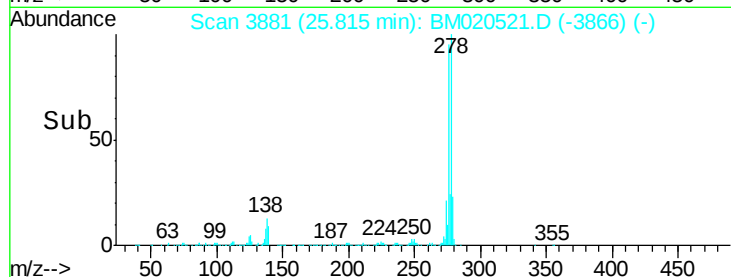
279 23.0 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.173 ng

RT: 26.50 min Scan# 3998

Delta R.T. -0.02 min

Lab File: BM020521.D

Acq: 23 May 2019 18:21

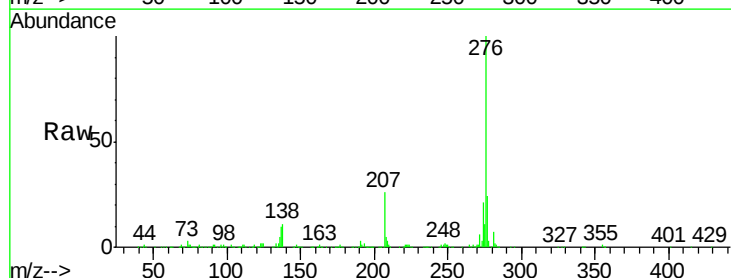
Tgt Ion: 276 Resp: 834622

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 11.4 11.1 16.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

