

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
 Data File : BM020192.D
 Acq On : 08 May 2019 12:52
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 15:26:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	115419	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	479682	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	302011	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	711494	20.00	ng	0.00
76) Chrysene-d12	21.37	240	679251	20.00	ng	0.00
87) Perylene-d12	23.66	264	769914	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	615430	87.16	ng	0.00
7) Phenol-d6	6.96	99	885916	91.84	ng	0.00
23) Nitrobenzene-d5	8.96	82	1059365	87.19	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	451896	96.40	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	2194851	89.42	ng	0.00
79) Terphenyl-d14	19.80	244	3609207	92.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	140177	40.478	ng	90
3) Pyridine	3.70	79	399636	45.121	ng	95
4) n-Nitrosodimethylamine	3.62	42	122619	43.174	ng	# 72
6) Aniline	7.12	93	565318	46.555	ng	100
8) 2-Chlorophenol	7.35	128	355413	46.227	ng	98
9) Benzaldehyde	6.94	77	310560	42.536	ng	94
10) Phenol	6.98	94	469661	45.227	ng	94
11) bis(2-Chloroethyl)ether	7.22	93	364193	48.252	ng	96
12) 1,3-Dichlorobenzene	7.67	146	396285	44.301	ng	94
13) 1,4-Dichlorobenzene	7.82	146	403065	44.604	ng	96
14) 1,2-Dichlorobenzene	8.13	146	395564	45.946	ng	98
15) Benzyl Alcohol	8.03	79	425447	45.739	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	268807	42.950	ng	94
17) 2-Methylphenol	8.23	107	309899	46.358	ng	95
18) Hexachloroethane	8.86	117	162460	43.117	ng	97
19) n-Nitroso-di-n-propylamine	8.59	70	380506	46.105	ng	95
20) 3+4-Methylphenols	8.56	107	422730	47.580	ng	97
22) Acetophenone	8.62	105	571062	43.560	ng	# 95
24) Nitrobenzene	9.00	77	539650	42.838	ng	95
25) Isophorone	9.52	82	956162	45.635	ng	99
26) 2-Nitrophenol	9.70	139	212333	55.830	ng	90
27) 2,4-Dimethylphenol	9.76	122	286488	45.246	ng	97
28) bis(2-Chloroethoxy)methane	10.00	93	519573	45.531	ng	100
29) 2,4-Dichlorophenol	10.23	162	370759	46.437	ng	98
30) 1,2,4-Trichlorobenzene	10.44	180	439009	44.687	ng	98
31) Naphthalene	10.63	128	1106067	44.434	ng	99
32) Benzoic acid	9.90	122	211589	47.109	ng	92
33) 4-Chloroaniline	10.75	127	463822	45.271	ng	96
34) Hexachlorobutadiene	10.90	225	304886	43.871	ng	97
35) Caprolactam	11.56	113	109646	45.928	ng	97
36) 4-Chloro-3-methylphenol	11.87	107	422289	45.008	ng	97
37) 2-Methylnaphthalene	12.25	142	824658	45.442	ng	97
38) 1-Methylnaphthalene	12.47	142	810066	45.648	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	535291	45.303	ng	99

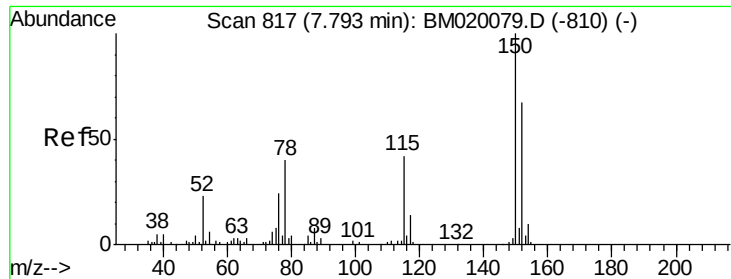
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
 Data File : BM020192.D
 Acq On : 08 May 2019 12:52
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
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Instrument :
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Quant Time: May 08 15:26:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	303672	43.649	ng	97
43) 2,4,6-Trichlorophenol	12.86	196	331993	49.439	ng	98
44) 2,4,5-Trichlorophenol	12.93	196	348921	46.511	ng	97
46) 1,1'-Biphenyl	13.26	154	1115200	44.862	ng	98
47) 2-Chloronaphthalene	13.31	162	892274	44.957	ng	97
48) 2-Nitroaniline	13.52	65	315626	44.668	ng	88
49) Acenaphthylene	14.16	152	1426942	44.924	ng	100
50) Dimethylphthalate	13.89	163	1137186	44.303	ng	99
51) 2,6-Dinitrotoluene	14.02	165	249712	46.189	ng	92
52) Acenaphthene	14.50	154	815923	44.794	ng	98
53) 3-Nitroaniline	14.35	138	228946	45.627	ng	98
54) 2,4-Dinitrophenol	14.56	184	131007	51.726	ng	91
55) Dibenzofuran	14.83	168	1358532	44.216	ng	97
56) 4-Nitrophenol	14.66	139	180819	42.236	ng	91
57) 2,4-Dinitrotoluene	14.81	165	347461	47.298	ng	91
58) Fluorene	15.48	166	1105898	43.827	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.06	232	330241	46.323	ng	95
60) Diethylphthalate	15.26	149	1104896	42.725	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	631396	44.162	ng	95
62) 4-Nitroaniline	15.52	138	246491	44.513	ng	89
63) Azobenzene	15.77	77	1233093	40.418	ng	98
65) 4,6-Dinitro-2-methylphenol	15.57	198	195959	53.604	ng	97
66) n-Nitrosodiphenylamine	15.69	169	954145	45.574	ng	99
67) 4-Bromophenyl-phenylether	16.37	248	402849	46.173	ng	98
68) Hexachlorobenzene	16.48	284	456683	45.486	ng	94
69) Atrazine	16.64	200	362673	44.327	ng	97
70) Pentachlorophenol	16.83	266	259679	45.205	ng	98
71) Phenanthrene	17.22	178	1736761	44.220	ng	99
72) Anthracene	17.32	178	1716614	43.715	ng	100
73) Carbazole	17.59	167	1524229	43.018	ng	99
74) Di-n-butylphthalate	18.14	149	1858738	43.591	ng	98
75) Fluoranthene	19.24	202	2107681	42.414	ng	99
77) Benzidine	19.43	184	860022	39.603	ng	99
78) Pyrene	19.61	202	2140654	46.940	ng	100
80) Butylbenzylphthalate	20.50	149	811894	48.956	ng	99
81) Benzo(a)anthracene	21.35	228	2088117	43.835	ng	99
82) 3,3'-Dichlorobenzidine	21.29	252	829976	45.651	ng	98
83) Chrysene	21.41	228	2022106	43.770	ng	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	1147371	44.586	ng	98
85) Di-n-octyl phthalate	22.16	149	1960676	45.841	ng	97
86) Indeno(1,2,3-cd)pyrene	26.00	276	2480550	45.140	ng	# 100
88) Benzo(b)fluoranthene	22.97	252	2112207	41.545	ng	100
89) Benzo(k)fluoranthene	23.01	252	1941360	41.861	ng	98
90) Benzo(a)pyrene	23.56	252	1954528	42.324	ng	99
91) Dibenzo(a,h)anthracene	26.01	278	2072431	43.153	ng	100
92) Benzo(g,h,i)perylene	26.72	276	1986477	43.567	ng	99

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

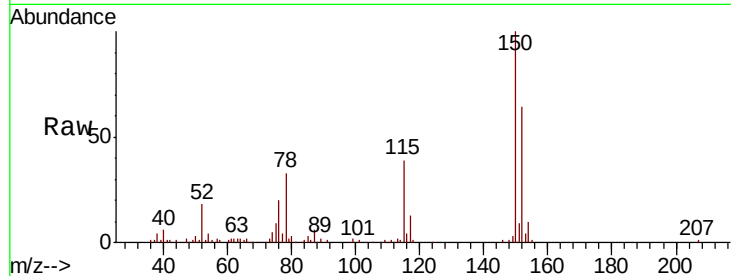


#1

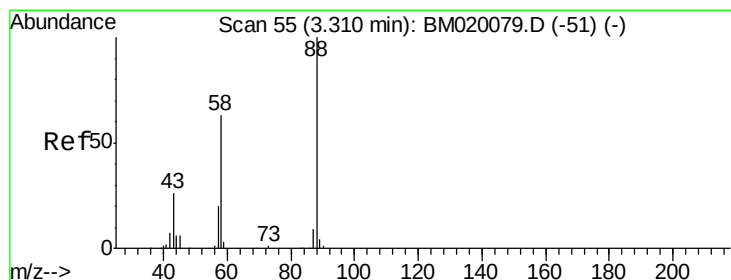
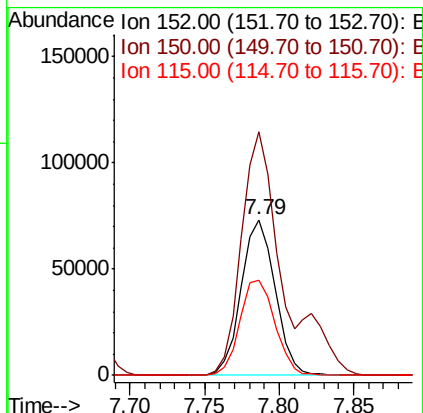
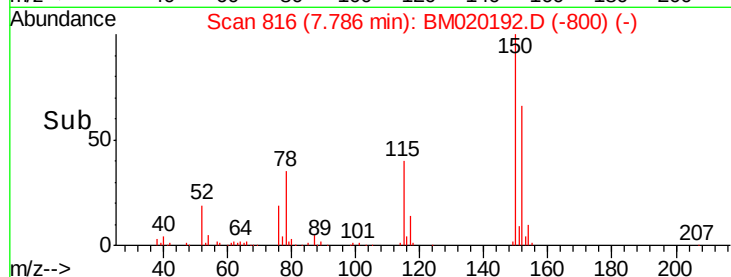
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 115419
Ion Ratio Lower Upper
152 100
150 156.4 119.8 179.8
115 60.8 50.8 76.2



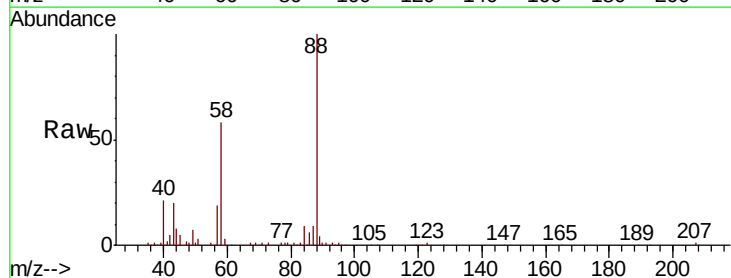
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



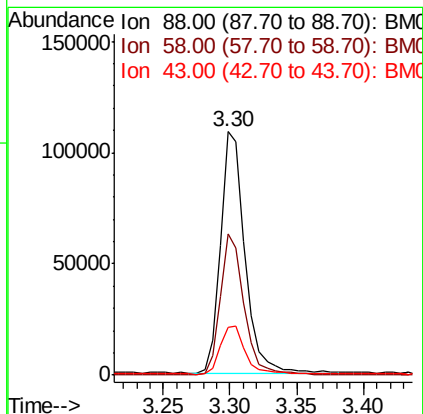
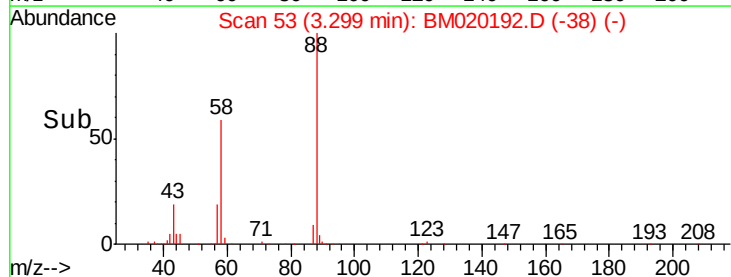
#2

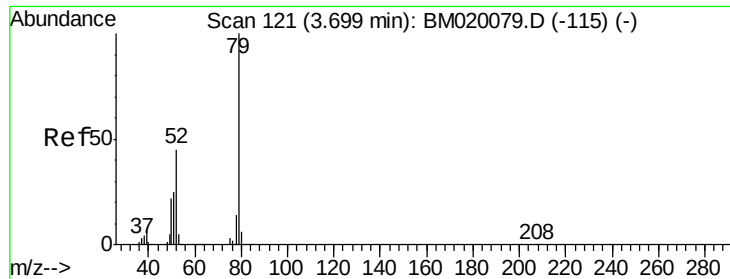
1,4-Dioxane
Concen: 40.478 ng
RT: 3.30 min Scan# 53
Delta R.T. -0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Tgt Ion: 88 Resp: 140177
Ion Ratio Lower Upper
88 100
58 57.0 51.8 77.6
43 20.5 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

Pvridine

Concen: 45.121 ng

RT: 3.70 min Scan# 121

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampleId :

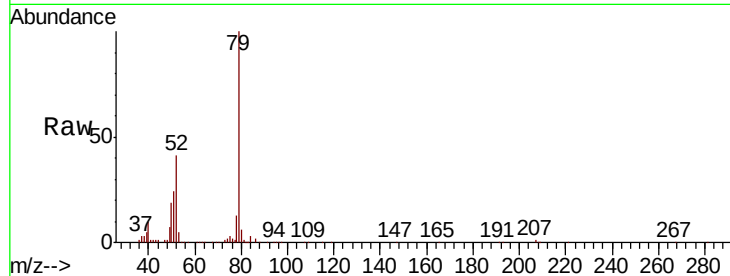
Tot Ion: 79 Resp: 399636

Ion Ratio Lower Upper

79 100

52 40.9 35.7 53.5

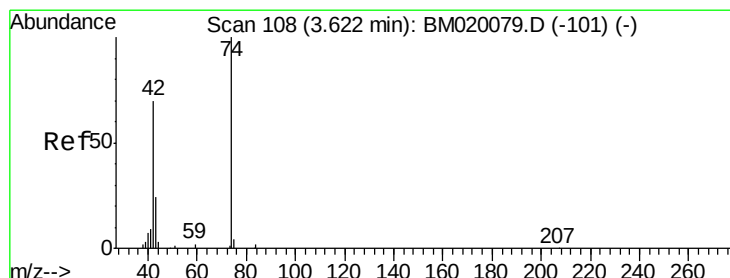
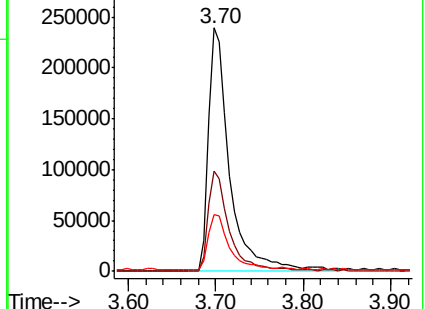
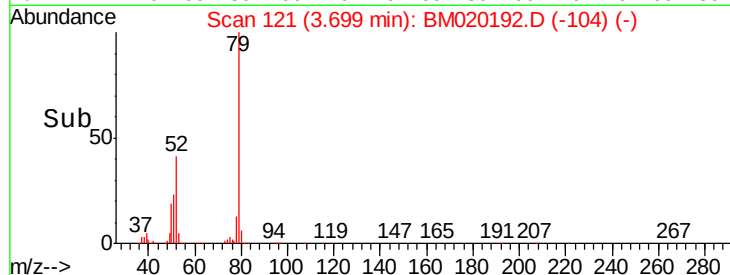
51 23.5 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM020192.D (-104) (-)

Ion 52.00 (51.70 to 52.70): BM020192.D (-104) (-)

Ion 51.00 (50.70 to 51.70): BM020192.D (-104) (-)



#4

n-Nitrosodimethylamine

Concen: 43.174 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

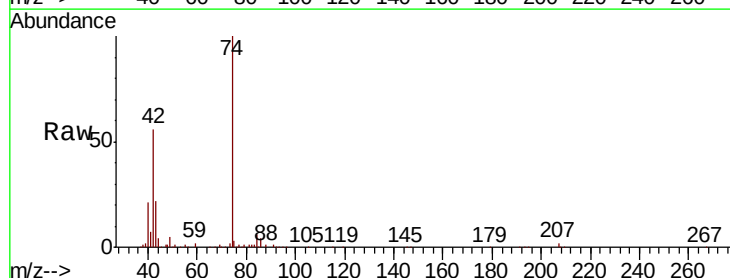
Tgt Ion: 42 Resp: 122619

Ion Ratio Lower Upper

42 100

74 177.5 113.7 170.5#

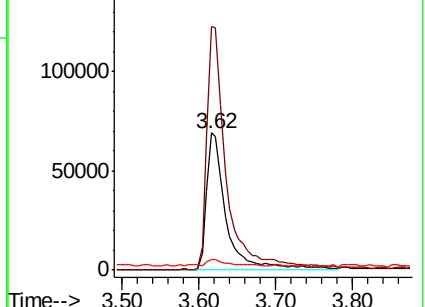
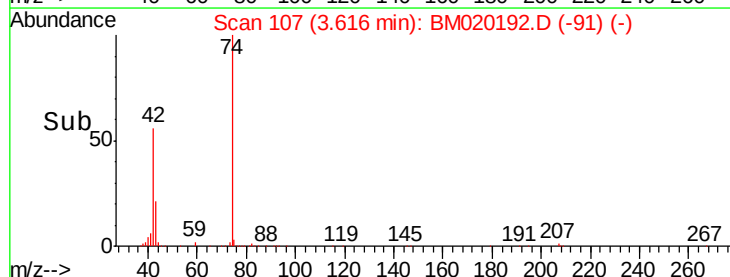
44 7.6 3.9 5.9#

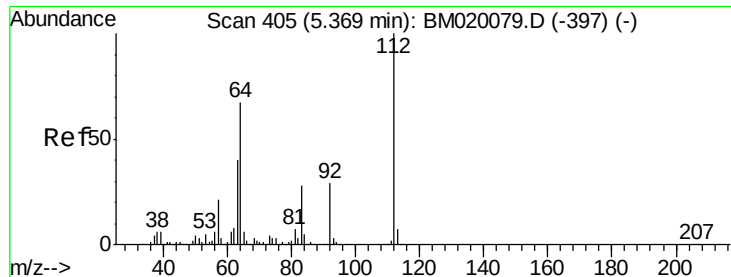


Abundance Ion 42.00 (41.70 to 42.70): BM020192.D (-91) (-)

Ion 74.00 (73.70 to 74.70): BM020192.D (-91) (-)

Ion 44.00 (43.70 to 44.70): BM020192.D (-91) (-)





#5

2-Fluorophenol

Concen: 87.159 ng

RT: 5.36 min Scan# 404

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampled :

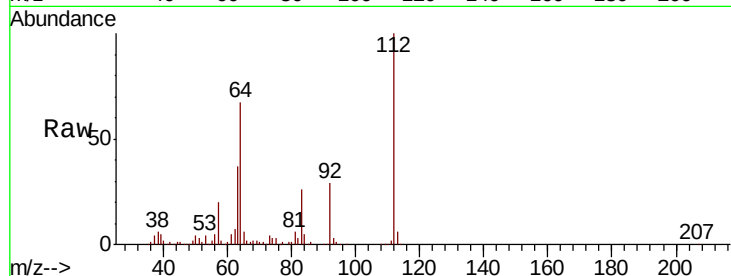
Tot Ion:112 Resp: 615430

Ion Ratio Lower Upper

112 100

64 67.0 53.8 80.6

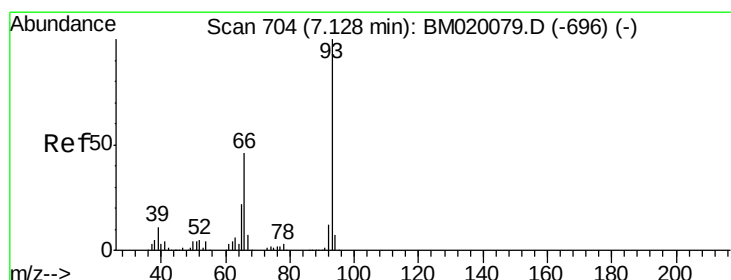
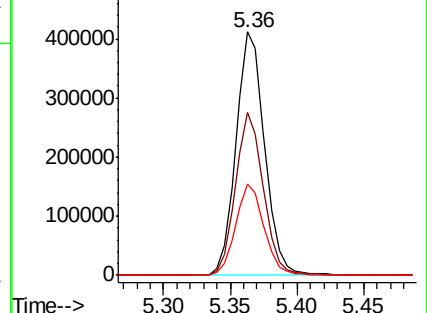
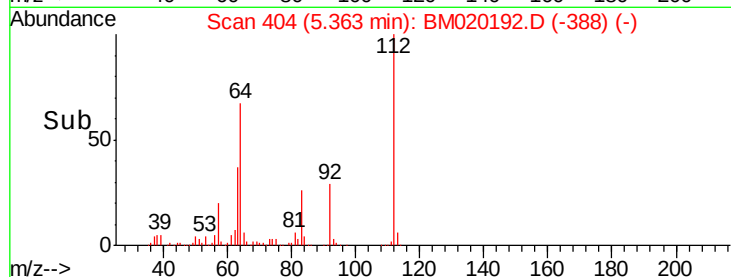
63 37.5 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 46.555 ng

RT: 7.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

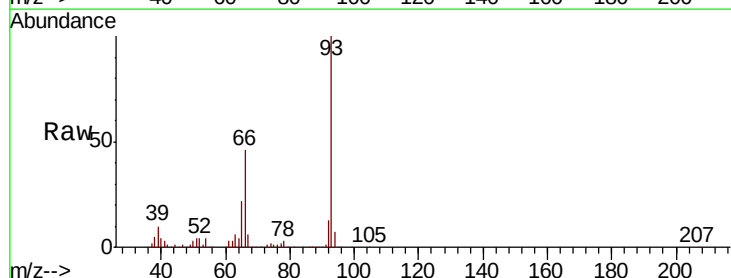
Tgt Ion: 93 Resp: 565318

Ion Ratio Lower Upper

93 100

66 45.6 36.6 54.8

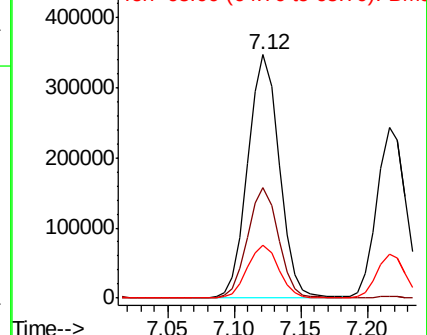
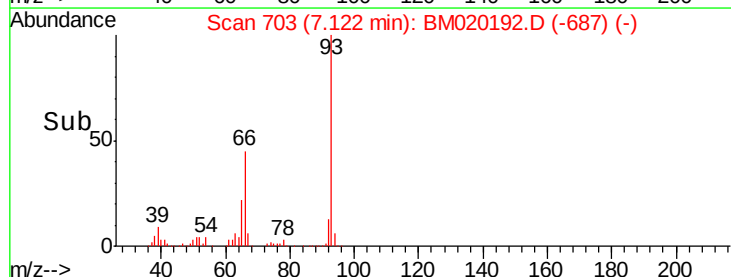
65 21.7 17.8 26.6

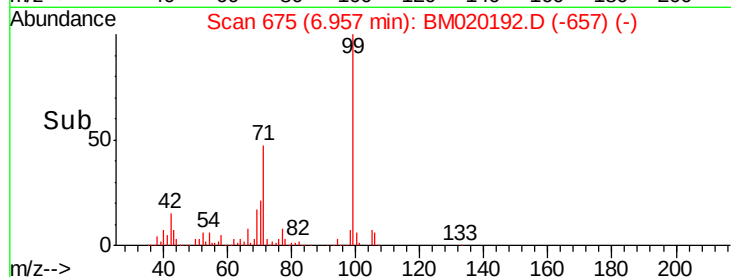
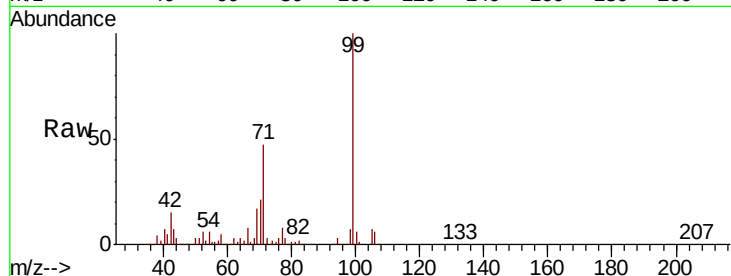
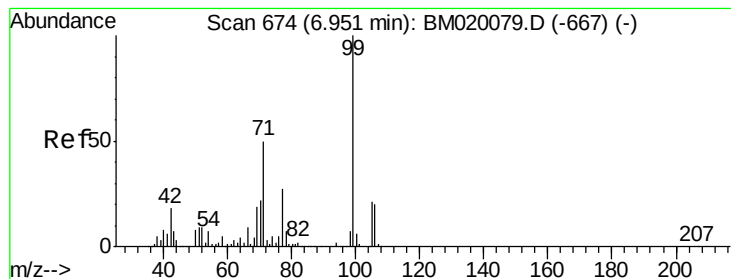


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 91.839 ng

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampleId :

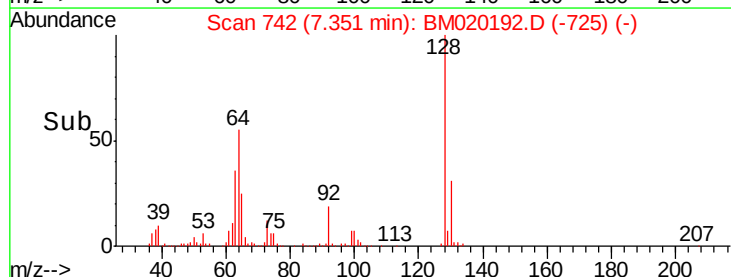
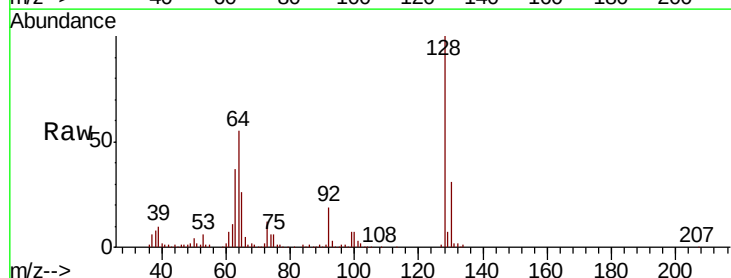
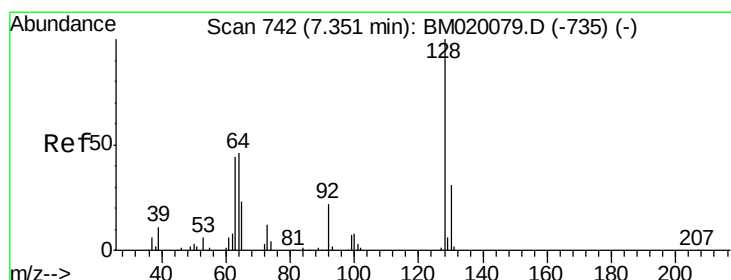
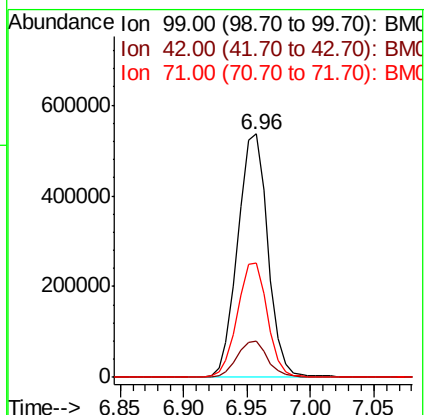
Tot Ion: 99 Resp: 885916

Ion Ratio Lower Upper

99 100

42 14.8 14.2 21.2

71 47.2 40.3 60.5



#8

2-Chlorophenol

Concen: 46.227 ng

RT: 7.35 min Scan# 742

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

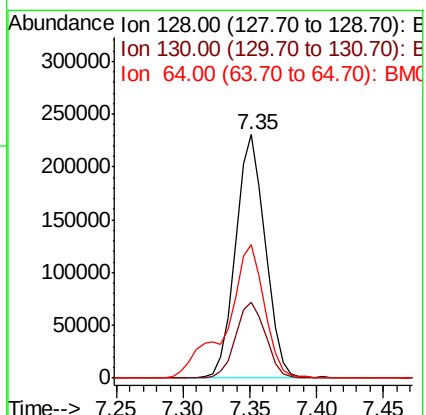
Tgt Ion: 128 Resp: 355413

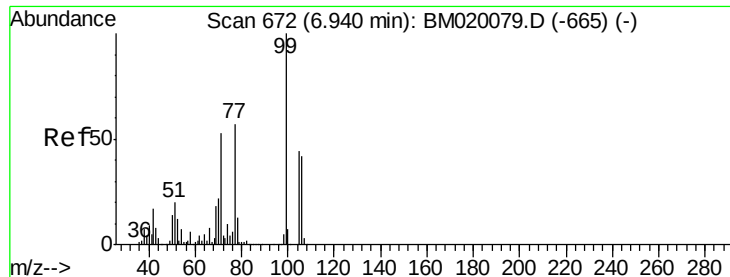
Ion Ratio Lower Upper

128 100

130 31.3 10.8 50.8

64 55.1 36.5 76.5





#9

Benzaldehyde

Concen: 42.536 ng

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampleId :

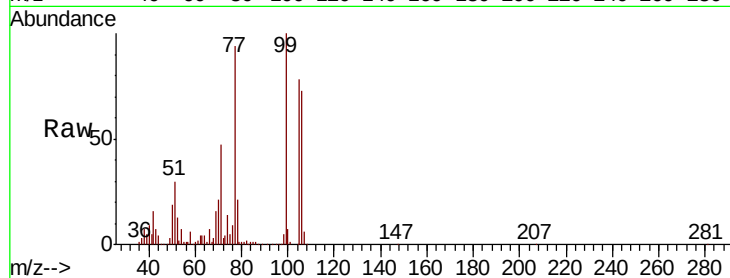
Tot Ion: 77 Resp: 310560

Ion Ratio Lower Upper

77 100

105 83.5 57.8 97.8

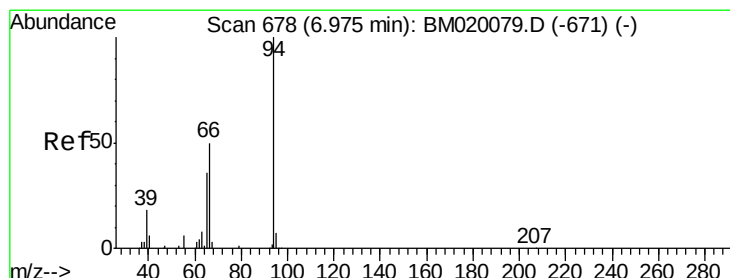
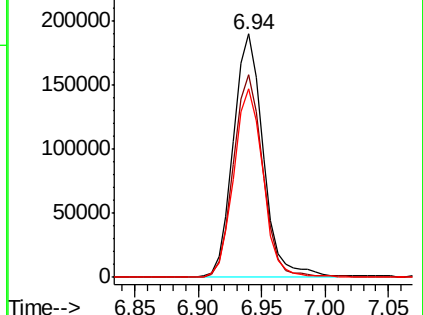
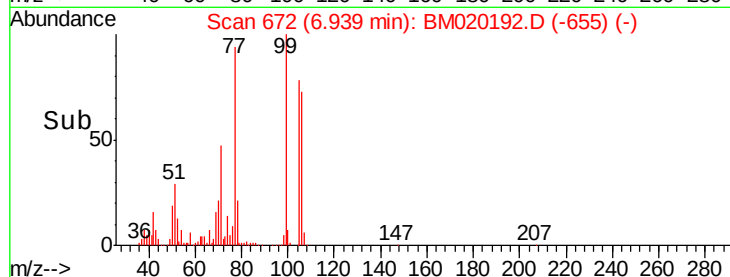
106 77.7 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020192.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020192.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020192.D (-665) (-)



#10

Phenol

Concen: 45.227 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

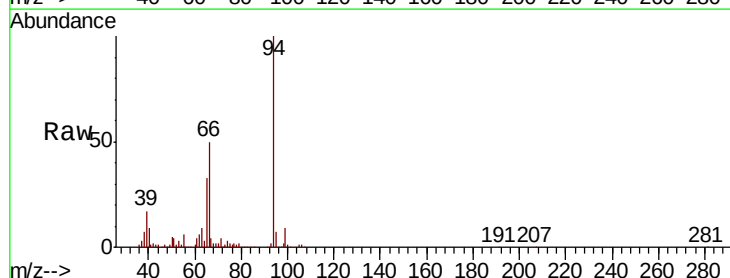
Tgt Ion: 94 Resp: 469661

Ion Ratio Lower Upper

94 100

65 33.3 17.0 57.0

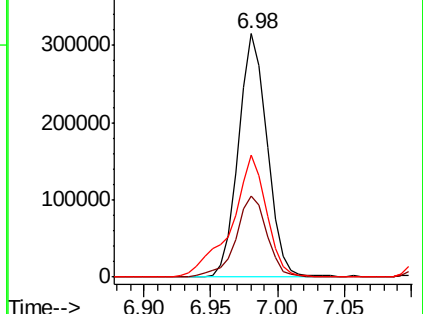
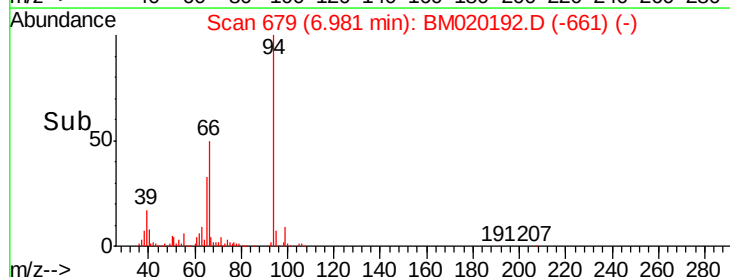
66 49.9 34.5 74.5

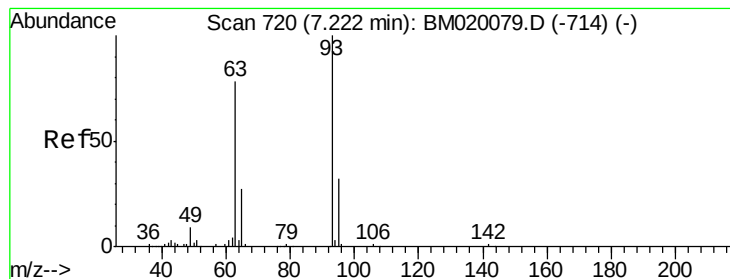


Abundance Ion 94.00 (93.70 to 94.70): BM020192.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020192.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020192.D (-661) (-)

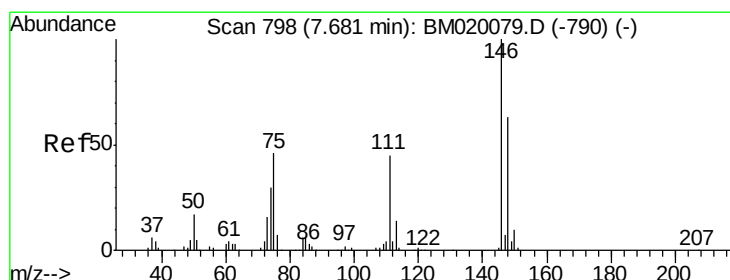
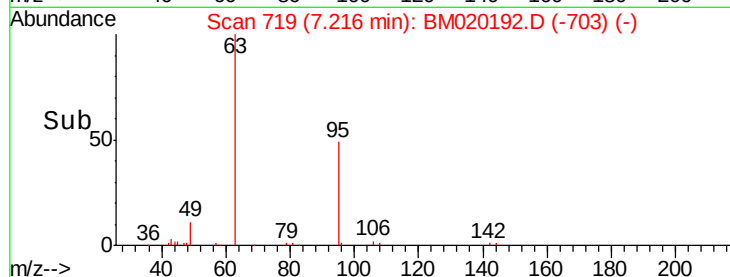
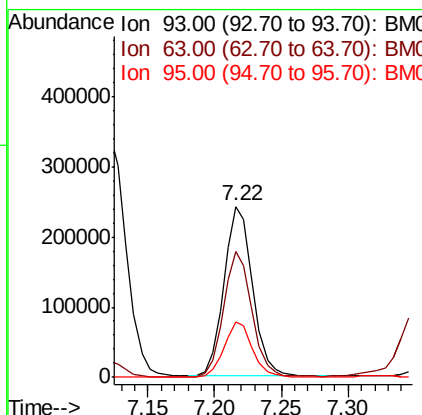
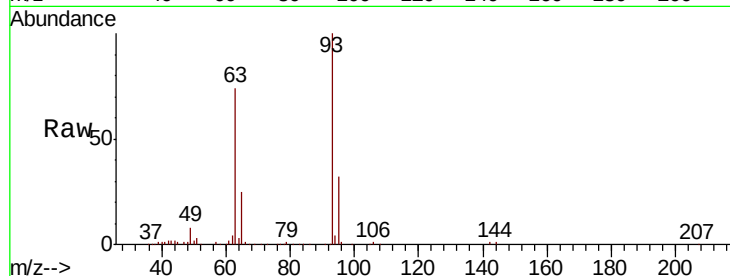




#11
 bis(2-Chloroethyl)ether
 Concen: 48.252 ng
 RT: 7.22 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BM020192.D
 Acq: 08 May 2019 12:52

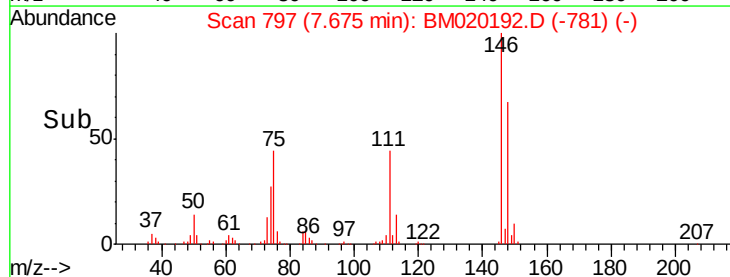
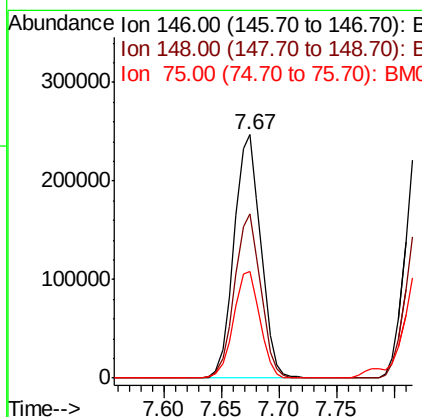
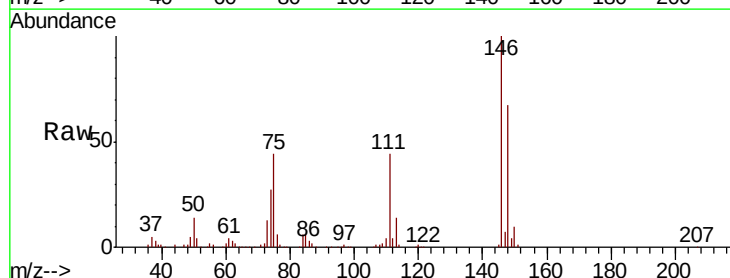
Instrument :
 BNA_M
 ClientSampleId :

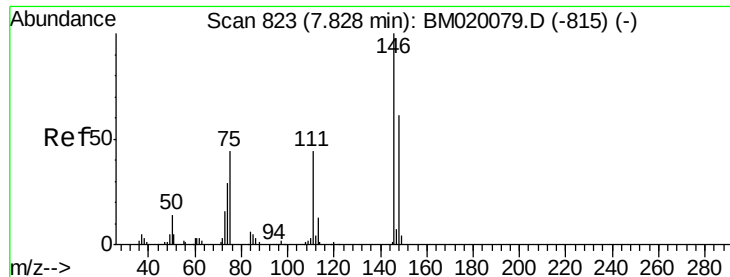
Tot Ion	93	Resp	364193
Ion	Ratio	Lower	Upper
93	100		
63	73.9	57.9	97.9
95	32.3	11.3	51.3



#12
 1,3-Dichlorobenzene
 Concen: 44.301 ng
 RT: 7.67 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BM020192.D
 Acq: 08 May 2019 12:52

Tgt Ion	146	Resp	396285
Ion	Ratio	Lower	Upper
146	100		
148	67.5	50.1	75.1
75	43.5	37.2	55.8

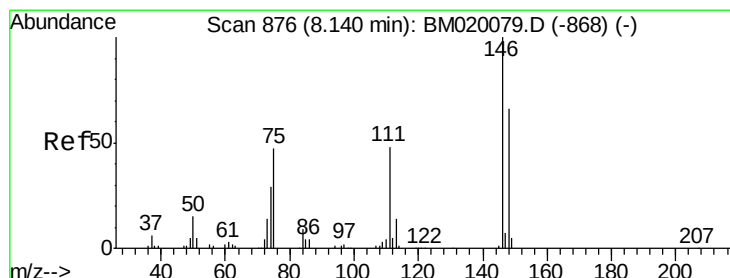
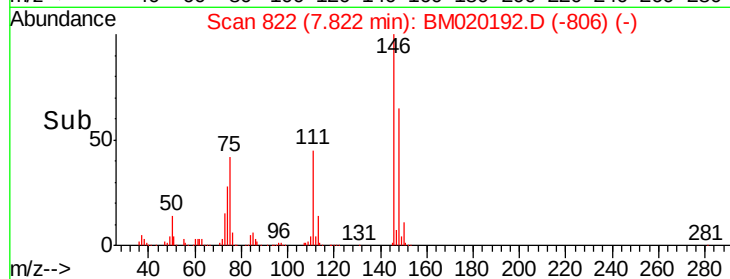
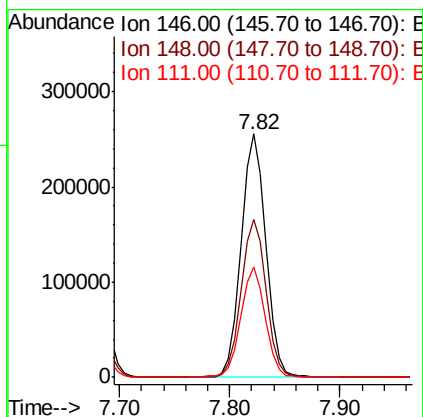
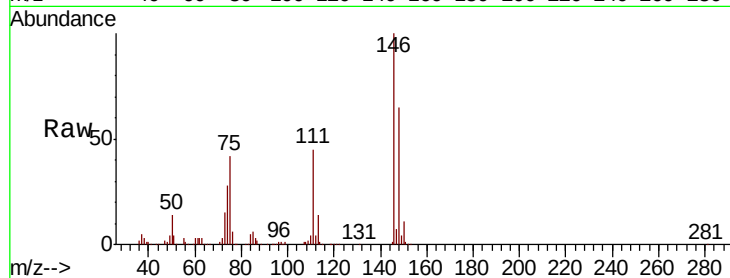




#13
 1,4-Dichlorobenzene
 Concen: 44.604 ng
 RT: 7.82 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM020192.D
 Acq: 08 May 2019 12:52

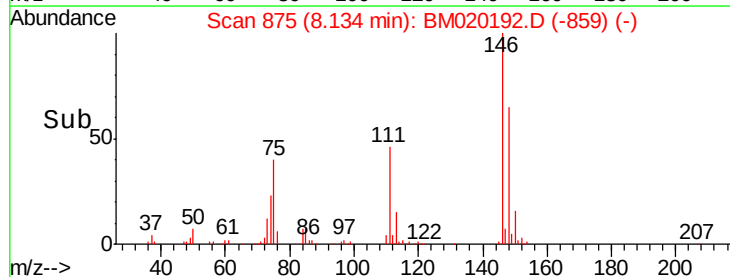
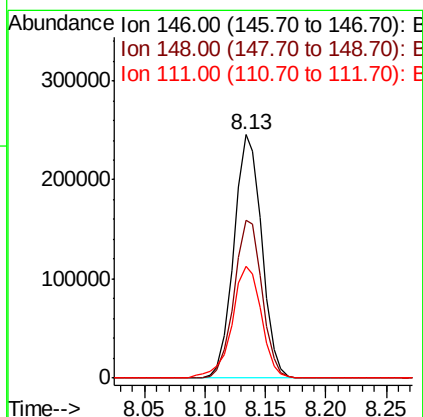
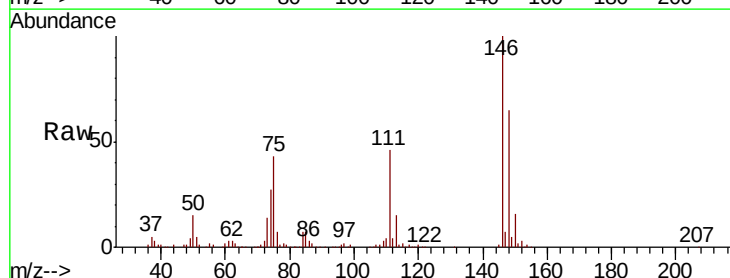
Instrument :
 BNA_M
 ClientSampleId :

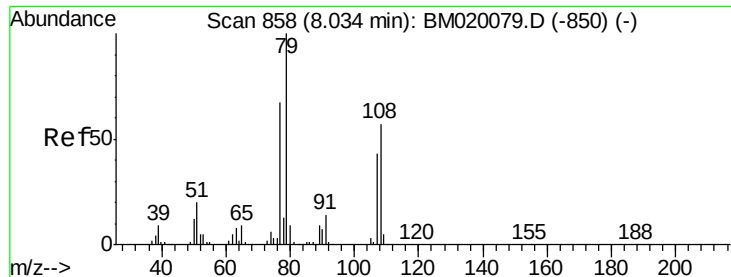
Tot Ion:146 Resp: 403065
 Ion Ratio Lower Upper
 146 100
 148 64.9 48.5 72.7
 111 45.1 35.7 53.5



#14
 1,2-Dichlorobenzene
 Concen: 45.946 ng
 RT: 8.13 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BM020192.D
 Acq: 08 May 2019 12:52

Tgt Ion:146 Resp: 395564
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.6 79.0
 111 45.9 39.0 58.4





#15

Benzyl Alcohol

Concen: 45.739 ng

RT: 8.03 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampleId :

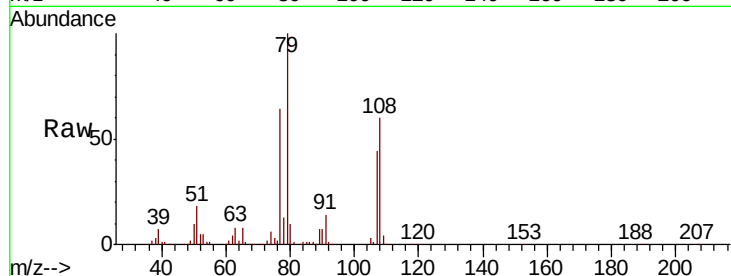
Tot Ion: 79 Resp: 425447

Ion Ratio Lower Upper

79 100

108 60.5 46.0 69.0

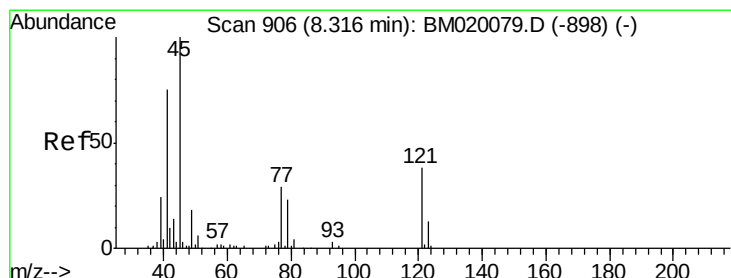
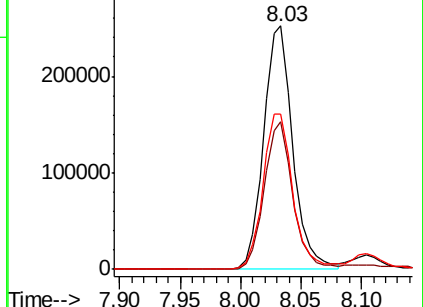
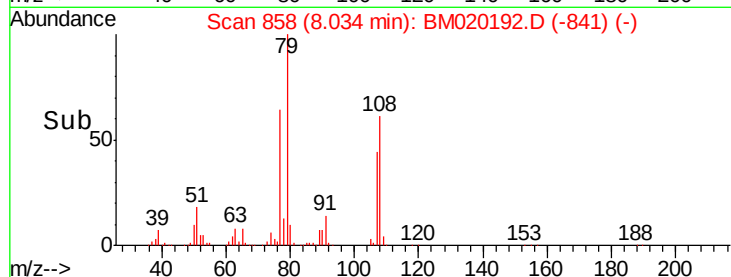
77 63.6 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020192.D (-841) (-)

Ion 108.00 (107.70 to 108.70): BM020192.D (-841) (-)

Ion 77.00 (76.70 to 77.70): BM020192.D (-841) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.950 ng

RT: 8.30 min Scan# 904

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

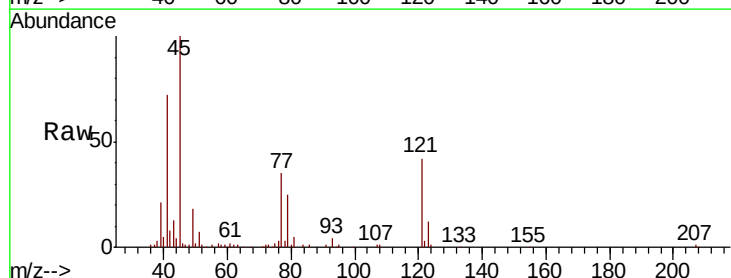
Tgt Ion: 45 Resp: 268807

Ion Ratio Lower Upper

45 100

77 34.5 10.5 50.5

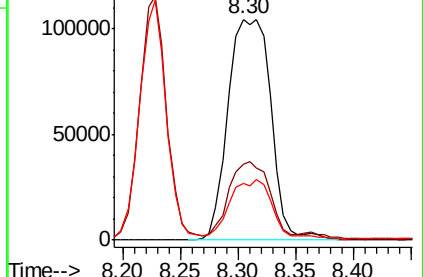
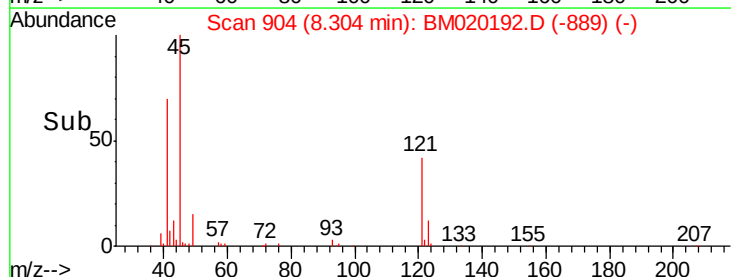
79 25.5 3.3 43.3

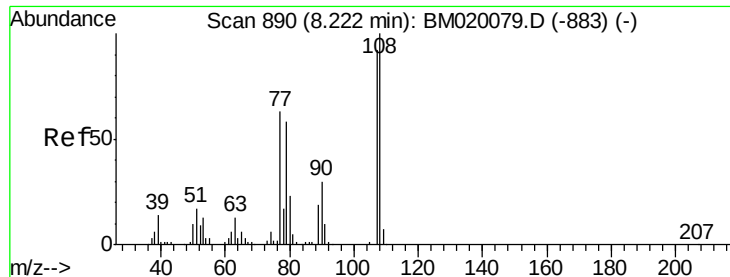


Abundance Ion 45.00 (44.70 to 45.70): BM020192.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM020192.D (-889) (-)

Ion 79.00 (78.70 to 79.70): BM020192.D (-889) (-)

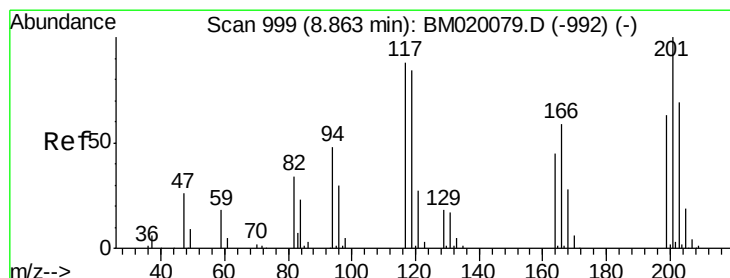
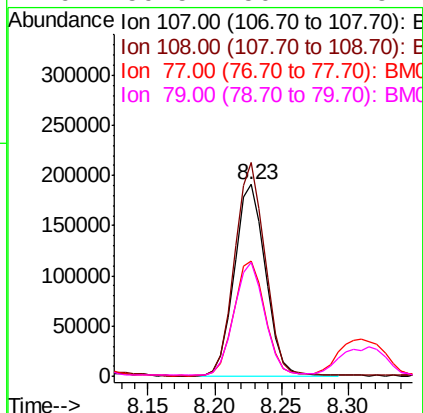
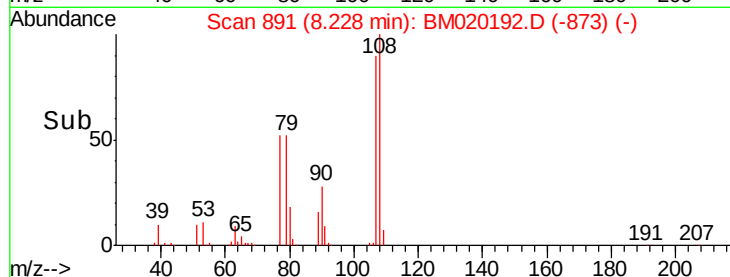
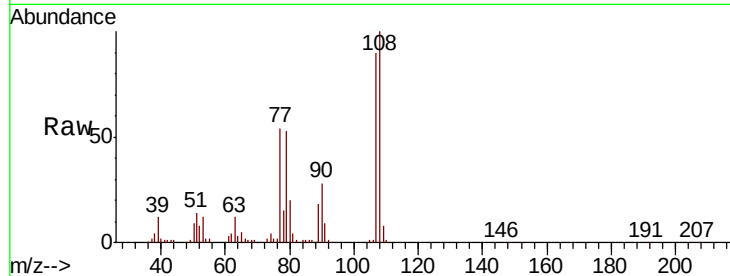




#17
2-Methylphenol
Concen: 46.358 ng
RT: 8.23 min Scan# 891
Delta R.T. 0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

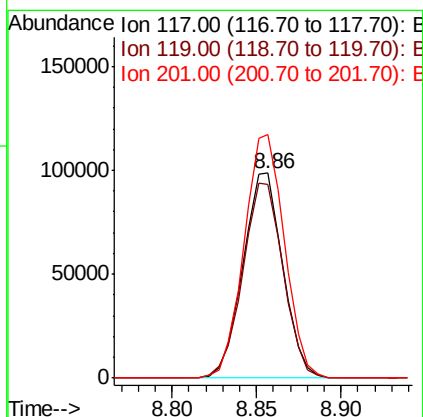
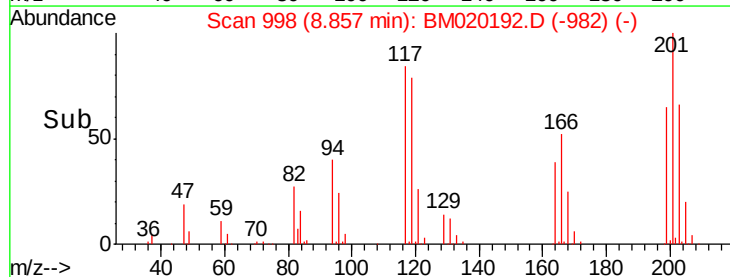
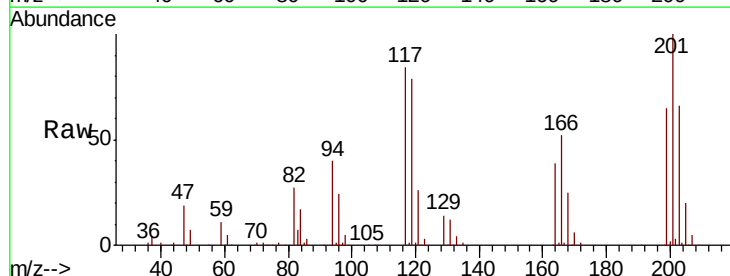
Instrument :
BNA_M
ClientSampleId :

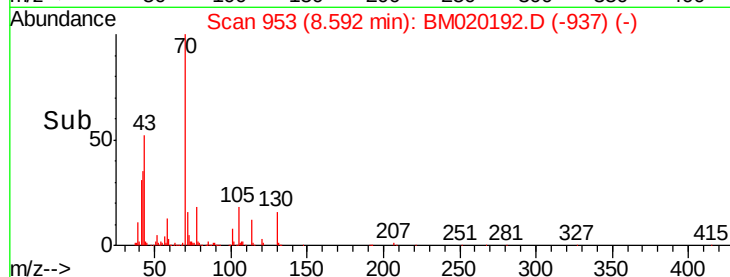
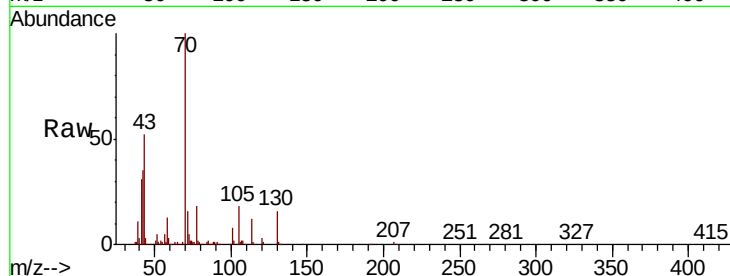
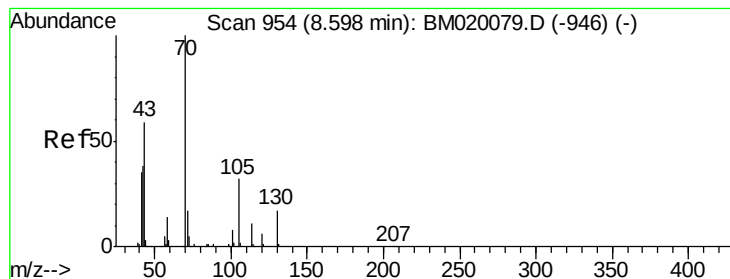
Tot Ion:	107	Resp:	309899
Ion	Ratio	Lower	Upper
107	100		
108	111.5	87.0	130.4
77	60.3	54.7	82.1
79	59.5	50.1	75.1



#18
Hexachloroethane
Concen: 43.117 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Tgt Ion:	117	Resp:	162460
Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.6	114.8
201	118.8	90.7	136.1





#19

n-Nitroso-di-n-propylamine

Concen: 46.105 ng

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 380506

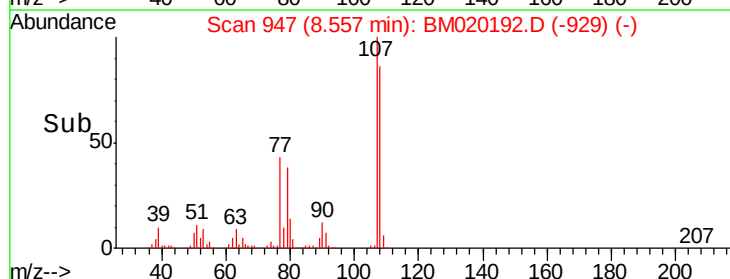
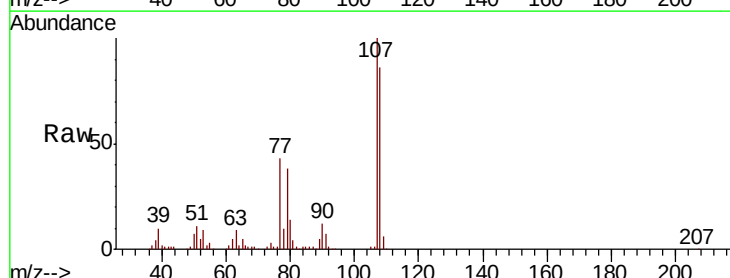
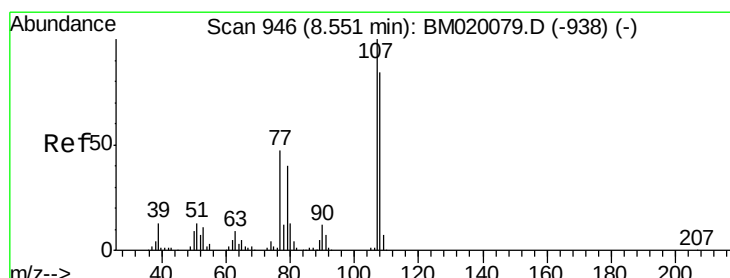
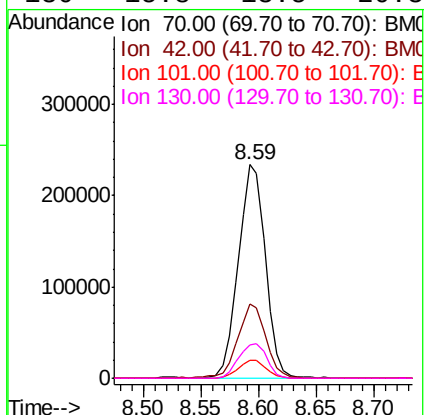
Ion Ratio Lower Upper

70 100

42 34.7 31.0 46.4

101 8.2 6.2 9.2

130 15.8 13.5 20.3



#20

3+4-Methylphenols

Concen: 47.580 ng

RT: 8.56 min Scan# 947

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Tgt Ion:107 Resp: 422730

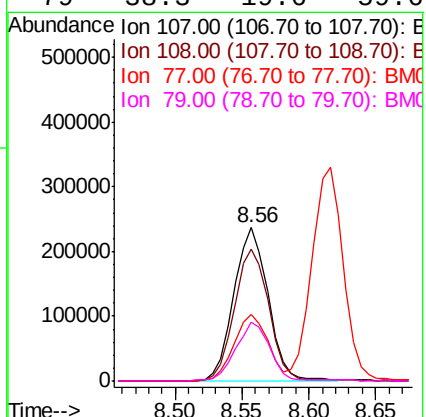
Ion Ratio Lower Upper

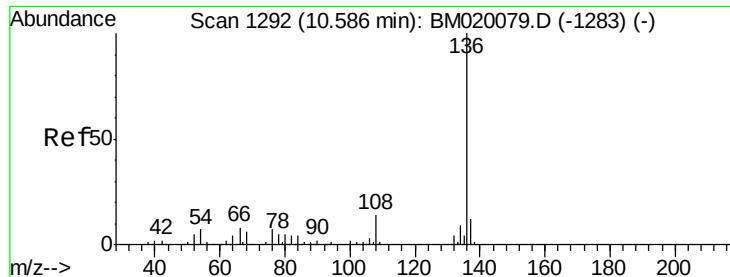
107 100

108 86.0 64.4 104.4

77 43.3 27.2 67.2

79 38.3 19.6 59.6

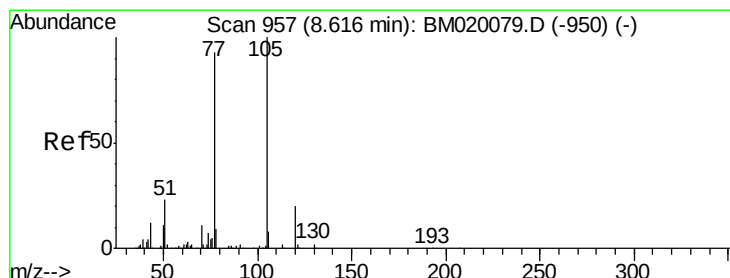
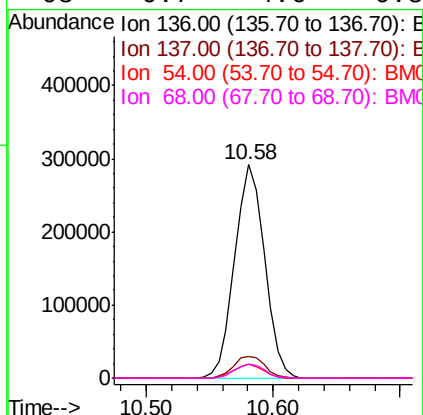
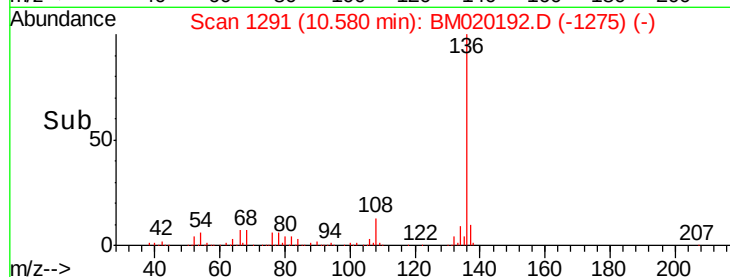
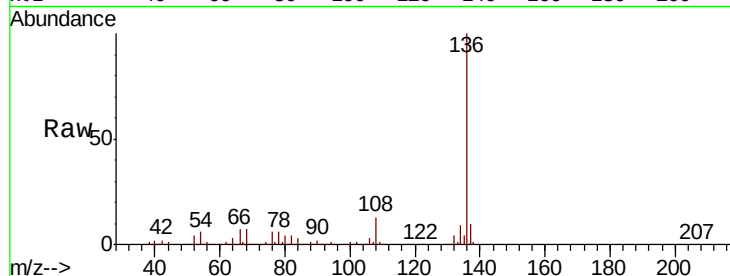




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

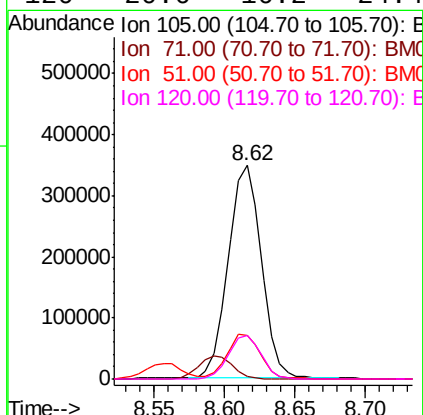
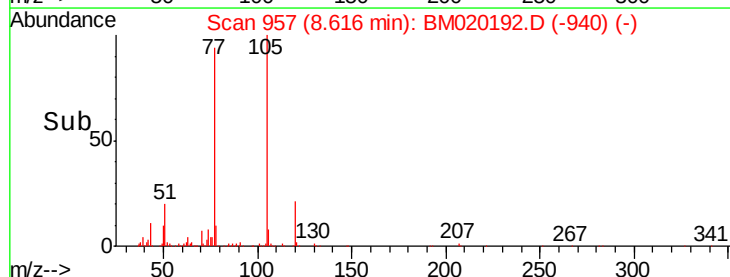
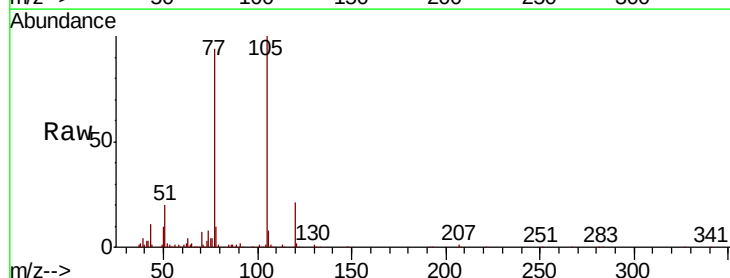
Instrument :
BNA_M
ClientSampleId :

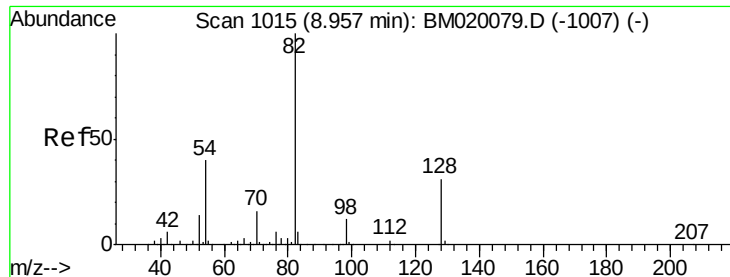
Tot Ion:136	Resp:	479682	
Ion Ratio	Lower	Upper	
136 100			
137 10.3	9.6	14.4	
54 6.4	5.5	8.3	
68 6.7	4.6	6.8	



#22
Acetophenone
Concen: 43.560 ng
RT: 8.62 min Scan# 957
Delta R.T. -0.00 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Tgt	Ion:105	Resp:	571062
Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.2	3.2#
51	20.1	19.3	28.9
120	20.6	16.2	24.4

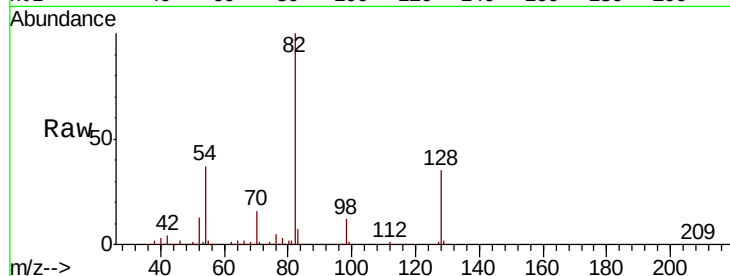




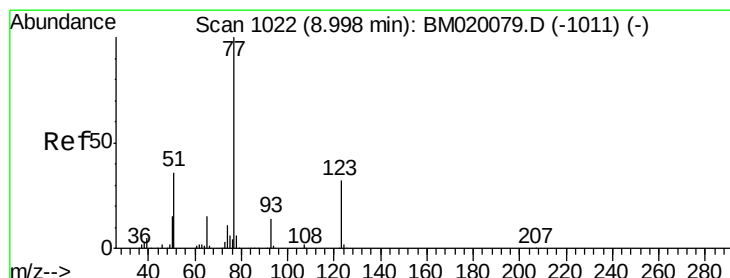
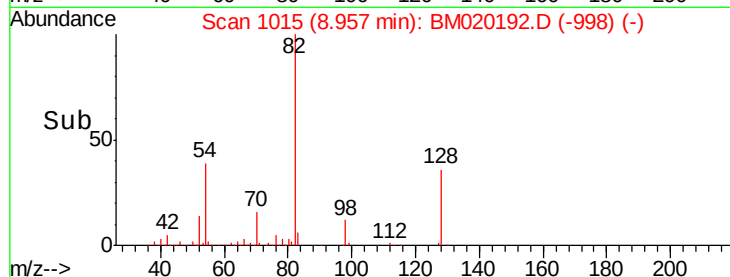
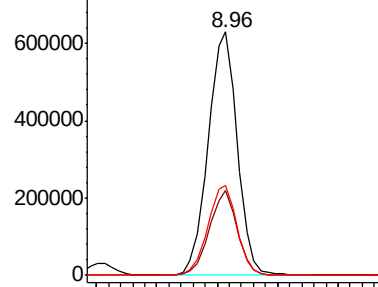
#23
 Nitrobenzene-d5
 Concen: 87.191 ng
 RT: 8.96 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BM020192.D
 Acq: 08 May 2019 12:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1059365
 Ion Ratio Lower Upper
 82 100
 128 34.7 25.2 37.8
 54 37.2 31.9 47.9

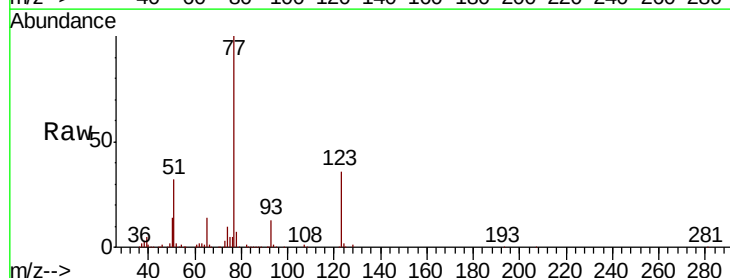


Abundance Ion 82.00 (81.70 to 82.70): BM0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BM0

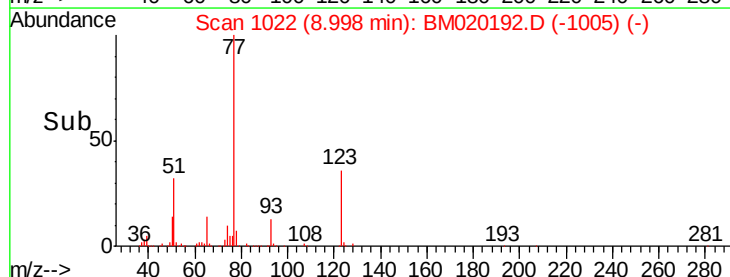
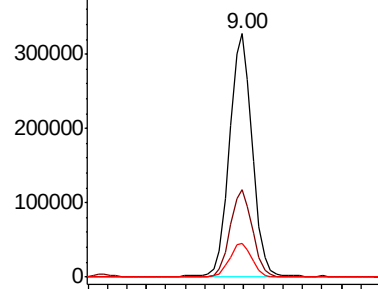


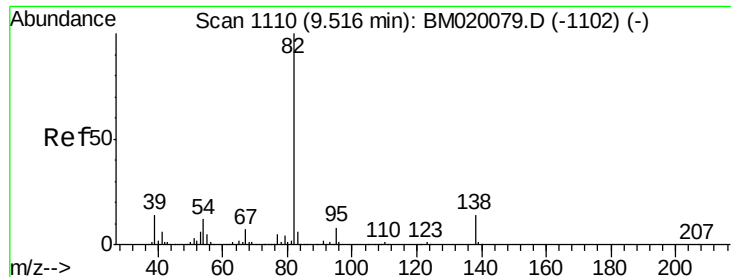
#24
 Nitrobenzene
 Concen: 42.838 ng
 RT: 9.00 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BM020192.D
 Acq: 08 May 2019 12:52

Tgt Ion: 77 Resp: 539650
 Ion Ratio Lower Upper
 77 100
 123 35.7 25.5 38.3
 65 14.0 11.8 17.6



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





#25

Isophorone

Concen: 45.635 ng

RT: 9.52 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampleId :

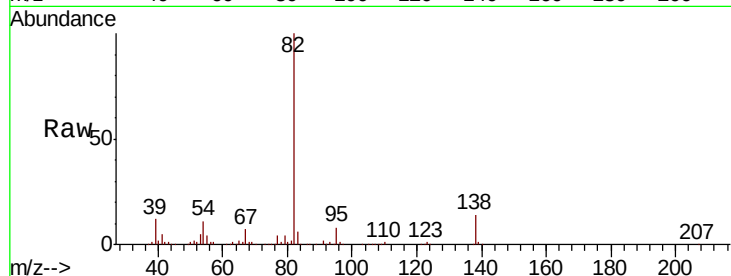
Tot Ion: 82 Resp: 956162

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

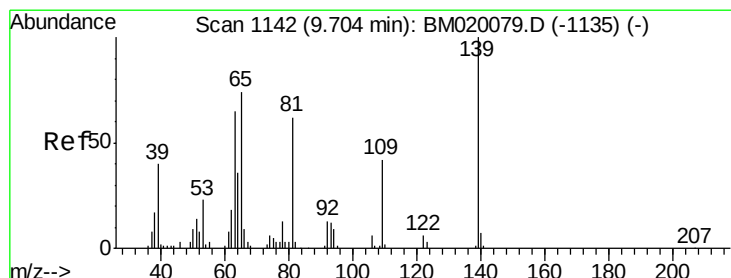
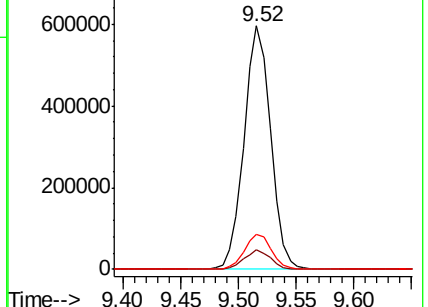
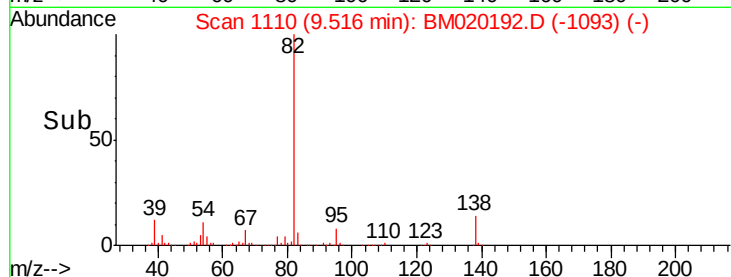
138 14.4 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020192.D (-1102) (-)

Ion 95.00 (94.70 to 95.70): BM020192.D (-1093) (-)

Ion 138.00 (137.70 to 138.70): BM020192.D (-1125) (-)



#26

2-Nitrophenol

Concen: 55.830 ng

RT: 9.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

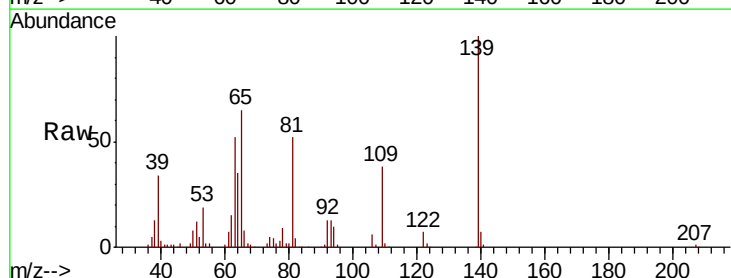
Tgt Ion: 139 Resp: 212333

Ion Ratio Lower Upper

139 100

109 37.8 33.7 50.5

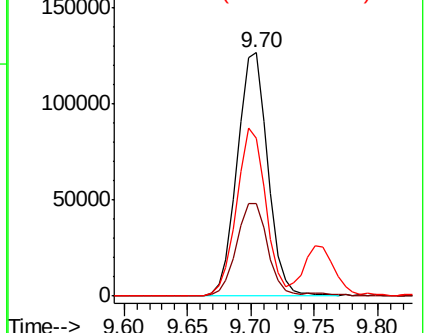
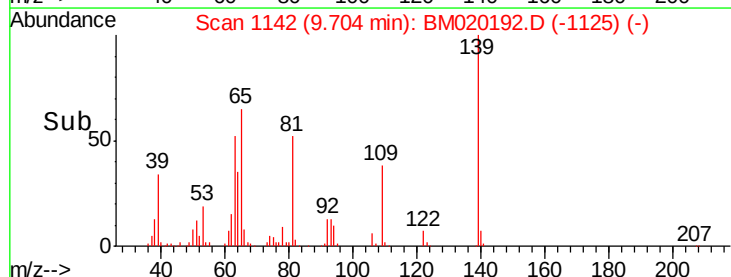
65 64.7 59.5 89.3

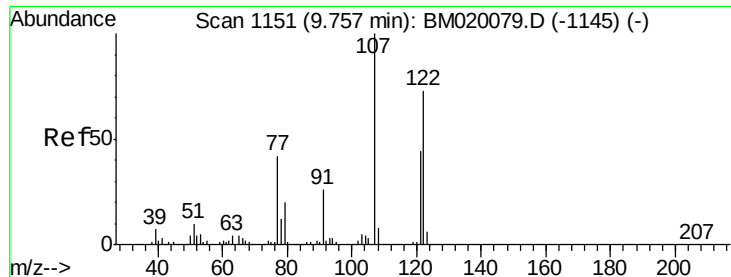


Abundance Ion 139.00 (138.70 to 139.70): BM020192.D (-1135) (-)

Ion 109.00 (108.70 to 109.70): BM020192.D (-1125) (-)

Ion 65.00 (64.70 to 65.70): BM020192.D (-1102) (-)

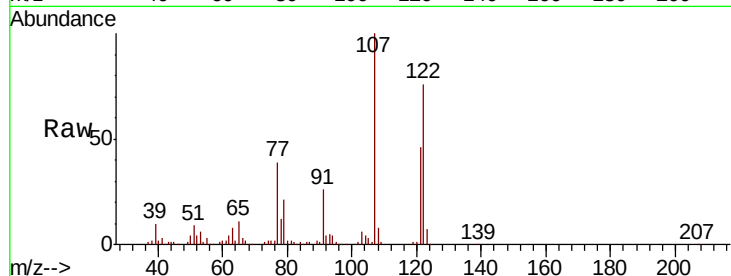




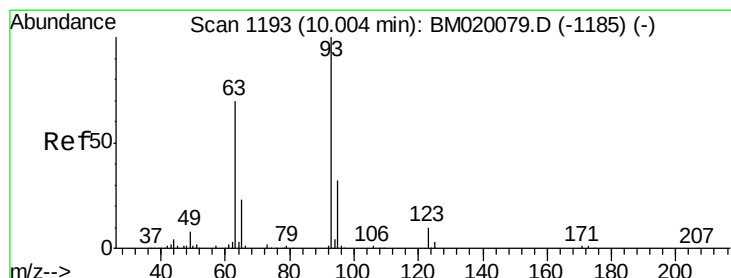
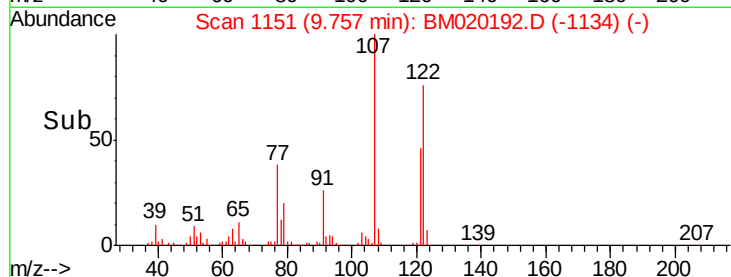
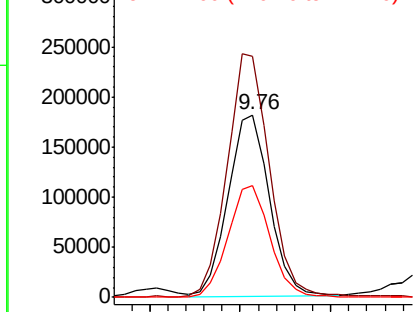
#27
 2,4-Dimethylphenol
 Concen: 45.246 ng
 RT: 9.76 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BM020192.D
 Acq: 08 May 2019 12:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:122 Resp: 286488
 Ion Ratio Lower Upper
 122 100
 107 132.3 108.6 162.8
 121 61.2 47.4 71.2

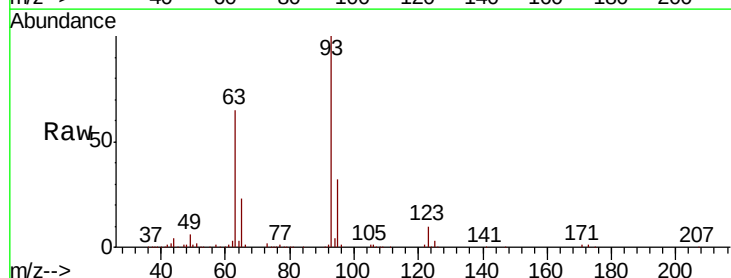


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

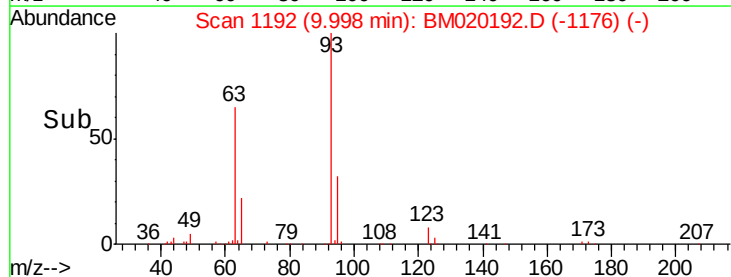
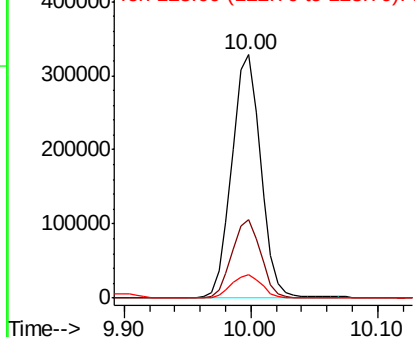


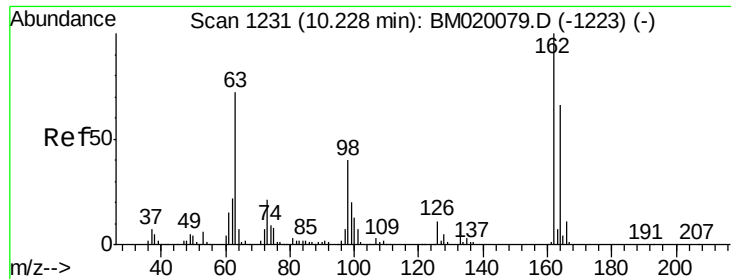
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.531 ng
 RT: 10.00 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM020192.D
 Acq: 08 May 2019 12:52

Tgt Ion: 93 Resp: 519573
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.5 38.3
 123 9.6 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

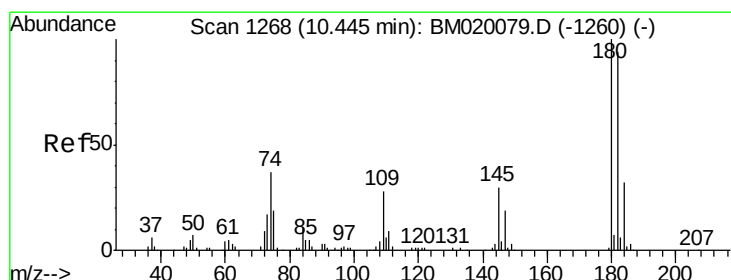
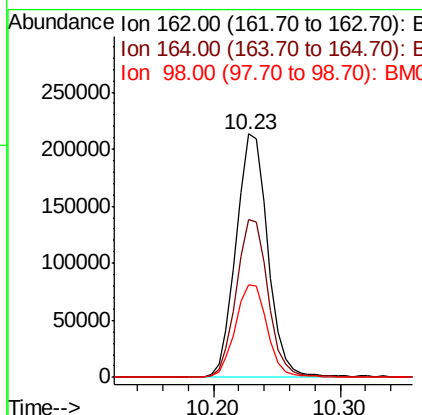
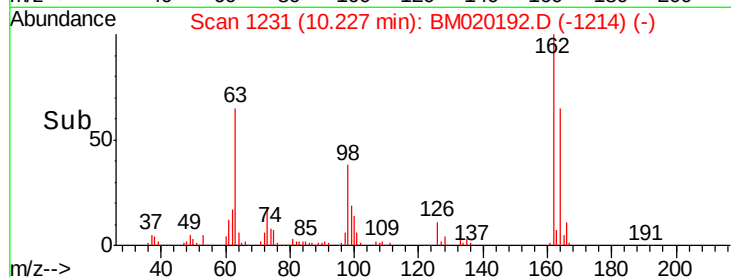
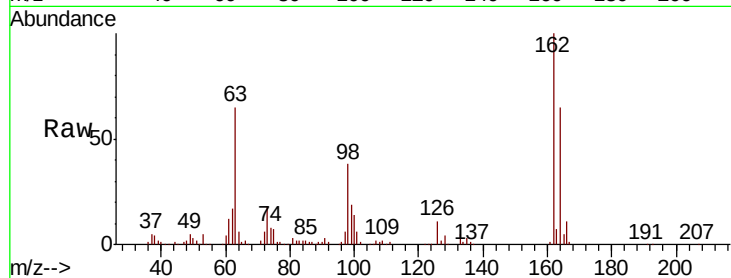




#29
2,4-Dichlorophenol
Concen: 46.437 ng
RT: 10.23 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

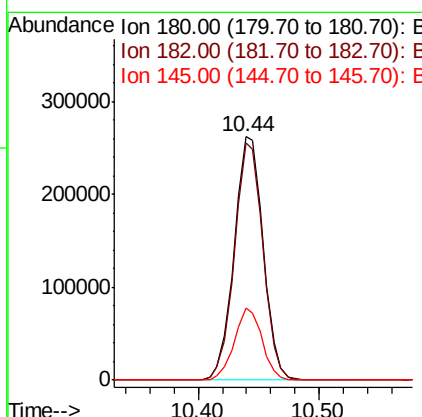
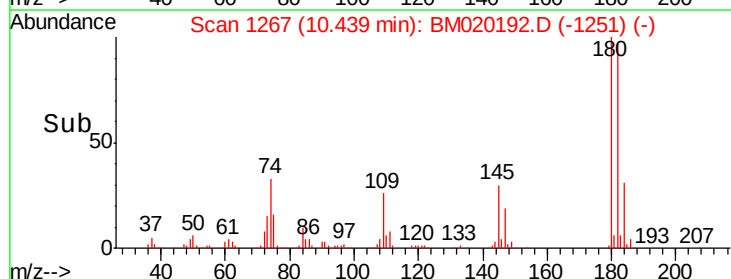
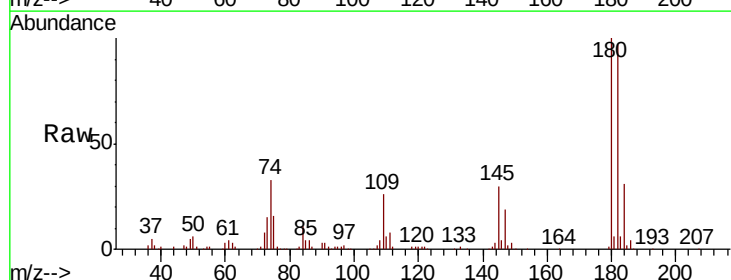
Instrument :
BNA_M
ClientSampleId :

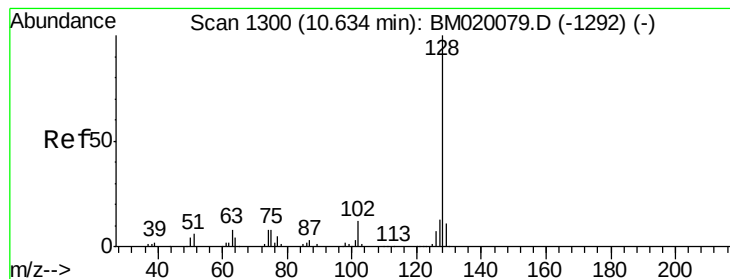
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.6	85.6
98	37.9	20.4	60.4



#30
1,2,4-Trichlorobenzene
Concen: 44.687 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.4	113.0
145	29.7	23.8	35.8

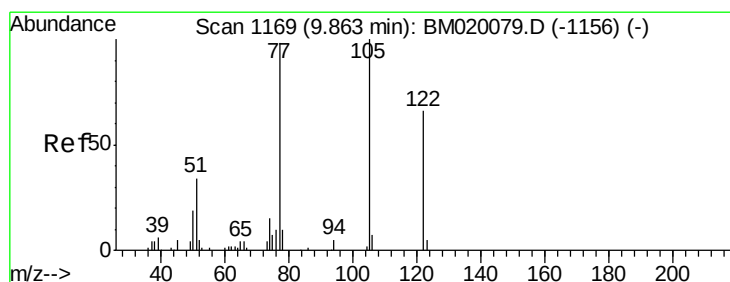
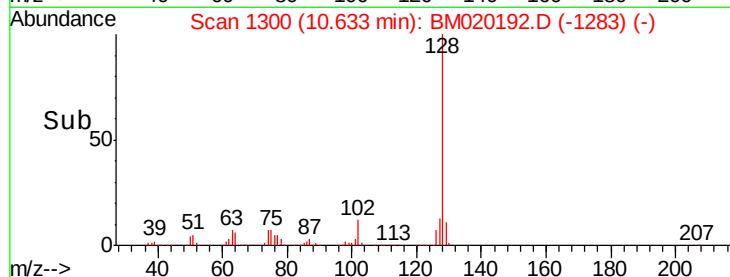
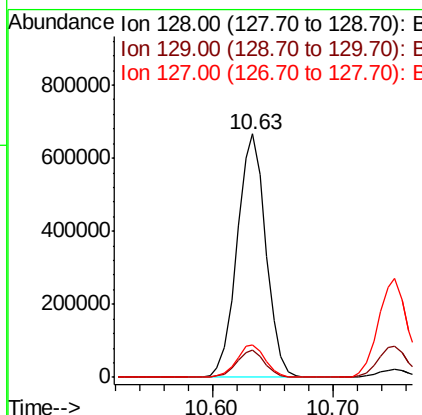
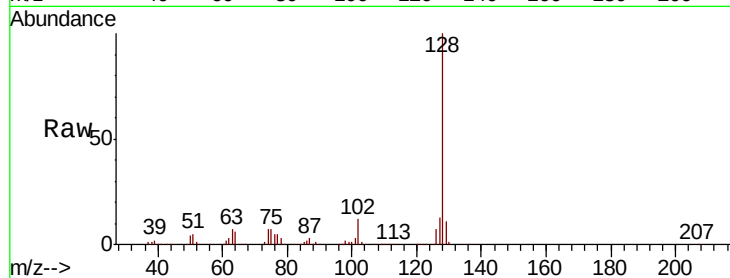




#31
Naphthalene
Concen: 44.434 ng
RT: 10.63 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

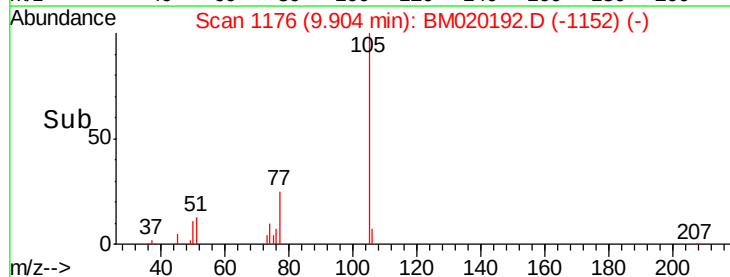
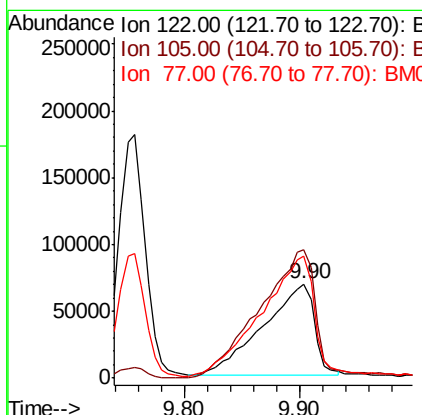
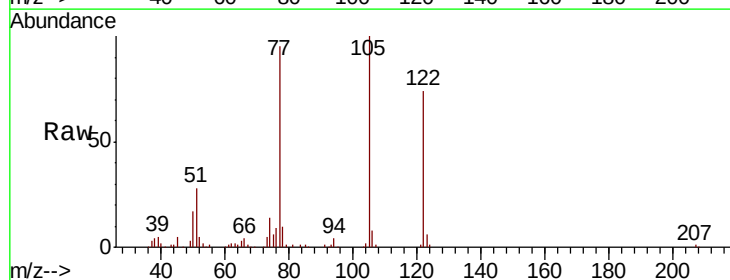
Instrument :
BNA_M
ClientSampleId :

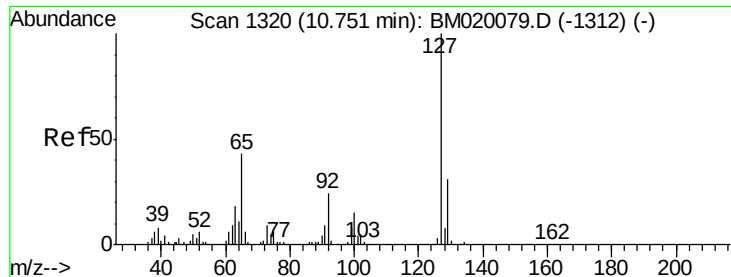
Tot Ion:128 Resp: 1106067
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 47.109 ng
RT: 9.90 min Scan# 1176
Delta R.T. 0.04 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Tgt Ion:122 Resp: 211589
Ion Ratio Lower Upper
122 100
105 135.8 122.5 162.5
77 129.6 123.3 163.3

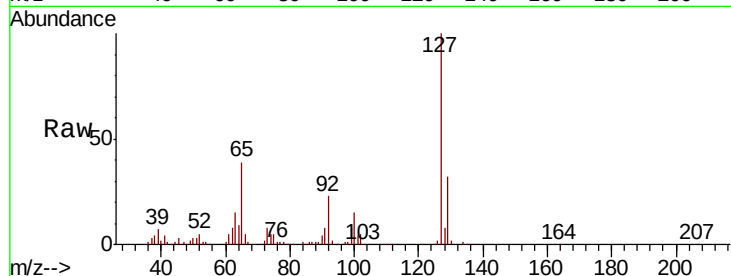




#33
4-Chloroaniline
Concen: 45.271 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	463822
Ion	Ratio	Lower	Upper
127	100		
129	32.0	24.7	37.1
65	39.3	34.6	52.0
92	23.2	19.5	29.3



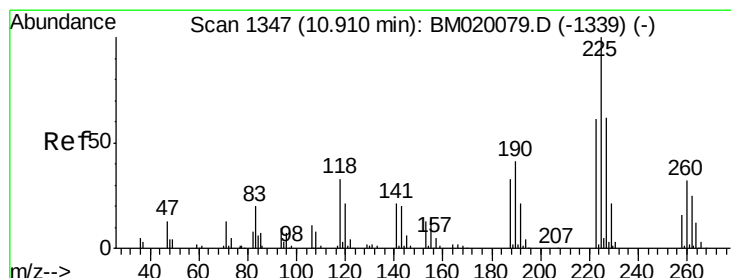
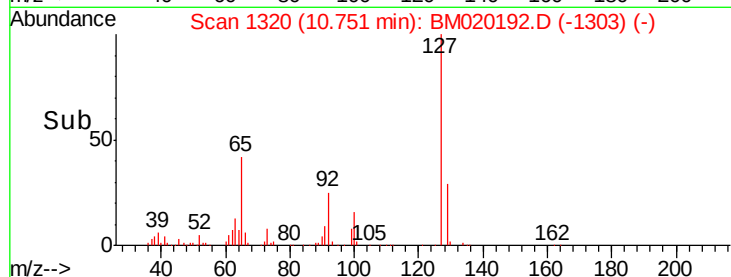
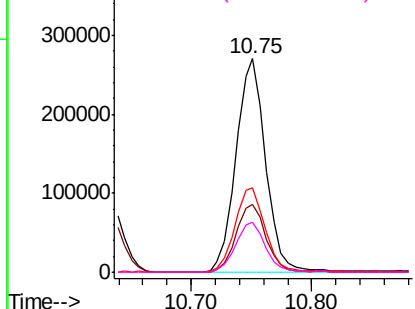
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

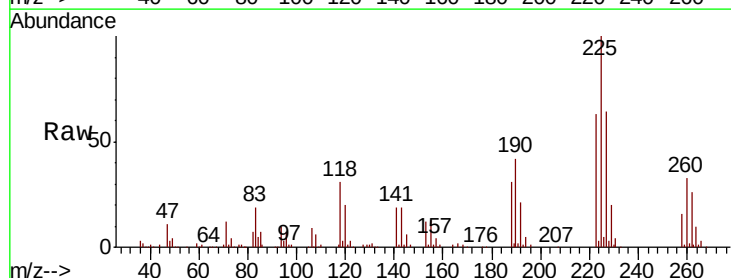
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 43.871 ng
RT: 10.90 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Tgt Ion:	225	Resp:	304886
Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.9	73.3
227	64.2	49.6	74.4

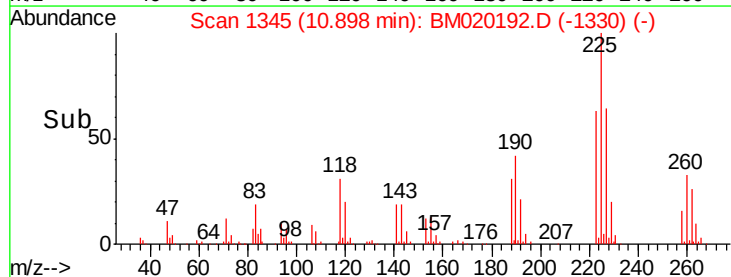
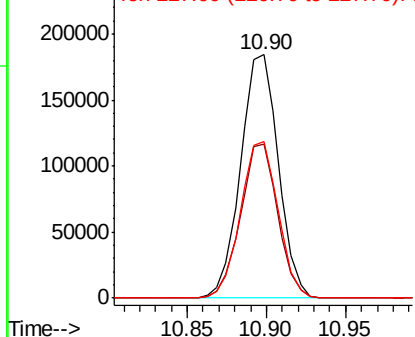


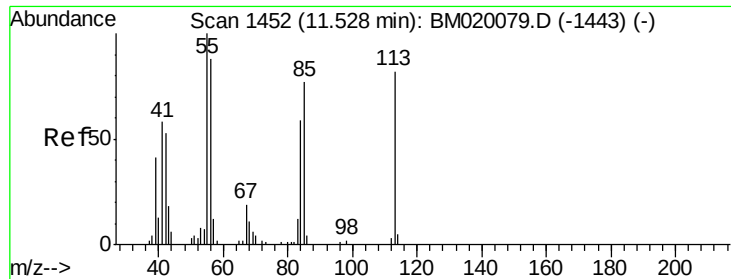
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.928 ng

RT: 11.56 min Scan# 1457

Delta R.T. 0.03 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampleId :

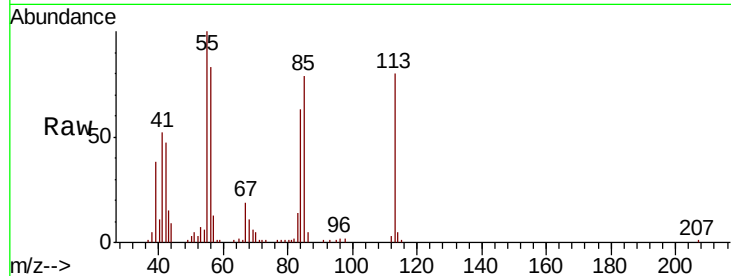
Tot Ion:113 Resp: 109646

Ion Ratio Lower Upper

113 100

55 124.6 102.5 142.5

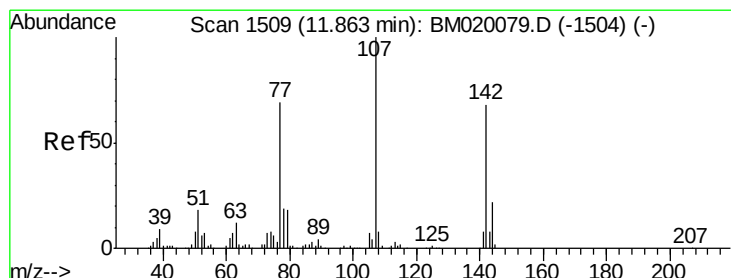
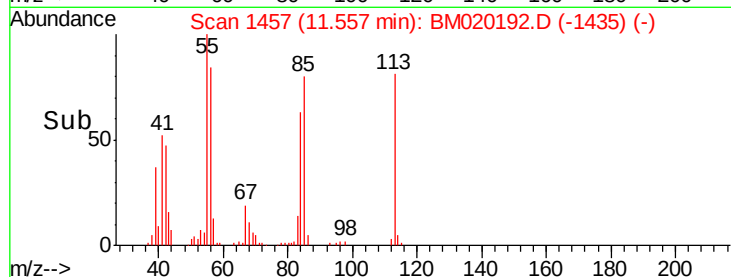
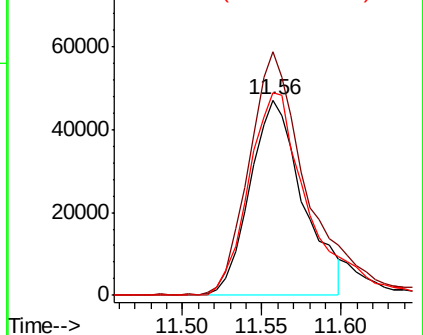
56 103.8 87.7 127.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 45.008 ng

RT: 11.87 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

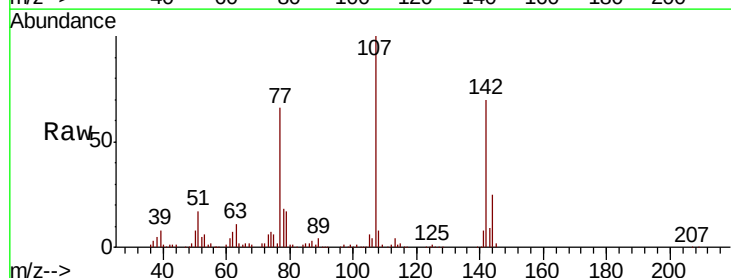
Tgt Ion:107 Resp: 422289

Ion Ratio Lower Upper

107 100

144 24.5 17.6 26.4

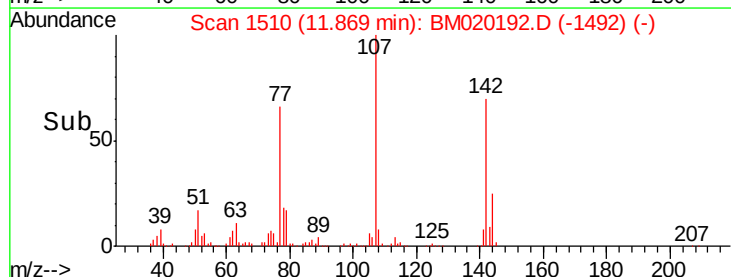
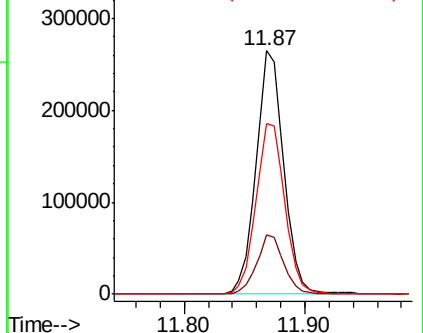
142 69.8 54.6 82.0

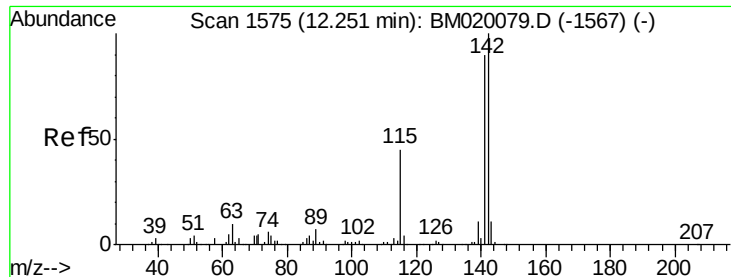


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

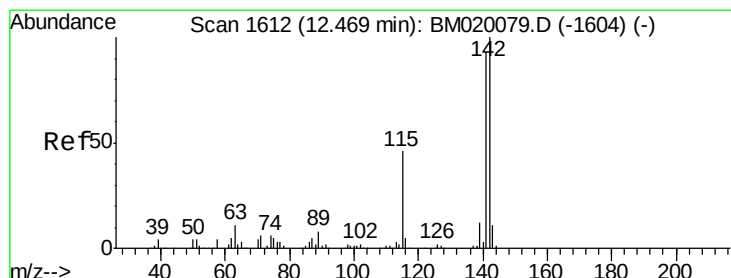
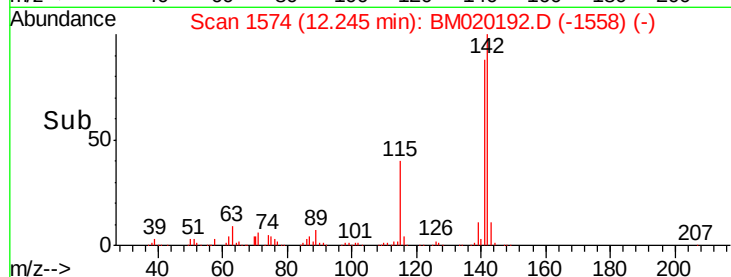
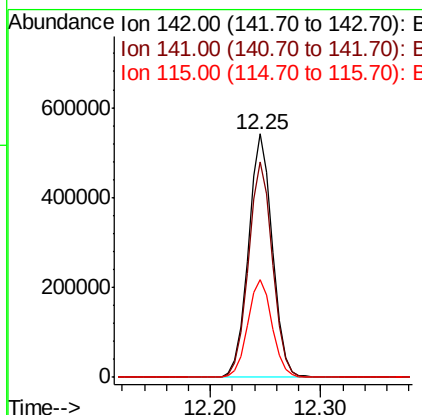
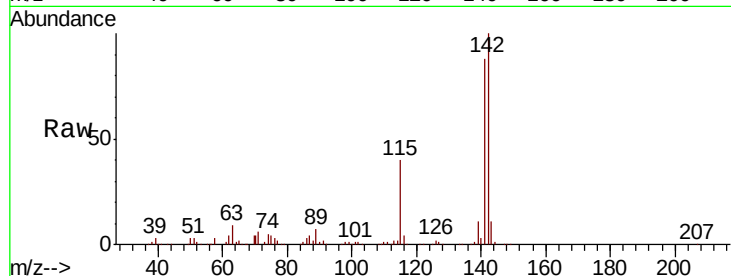




#37
2-Methylnaphthalene
Concen: 45.442 ng
RT: 12.25 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

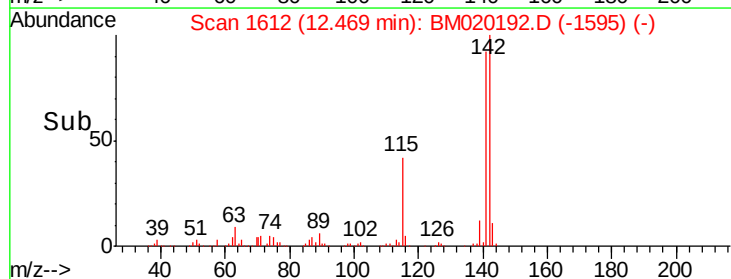
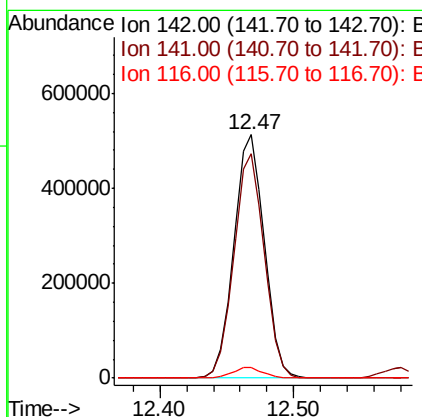
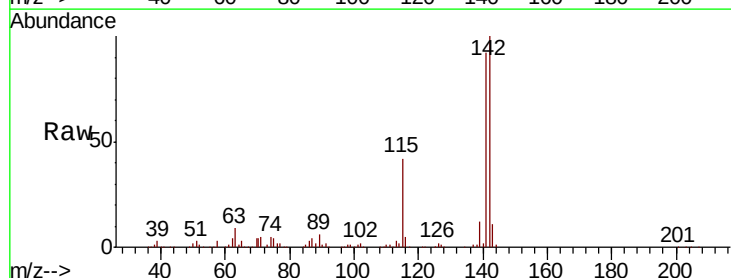
Instrument :
BNA_M
ClientSampleId :

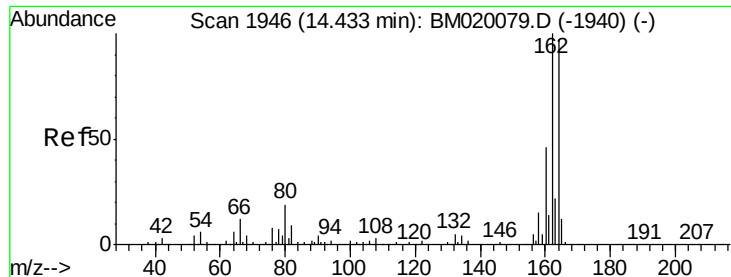
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.6	107.4
115	40.1	35.8	53.6



#38
1-Methylnaphthalene
Concen: 45.648 ng
RT: 12.47 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.8	112.2
116	4.5	3.9	5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampled :

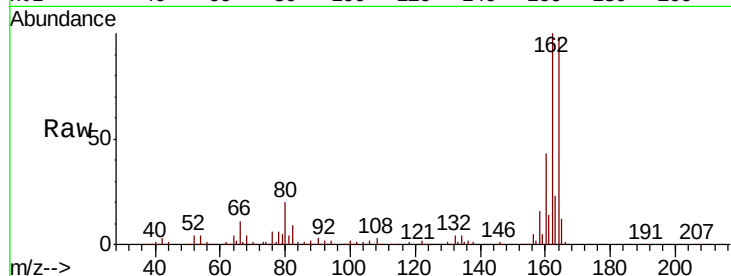
Tot Ion:164 Resp: 302011

Ion Ratio Lower Upper

164 100

162 101.6 82.2 123.2

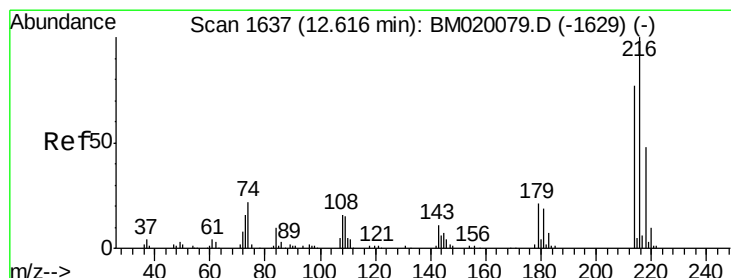
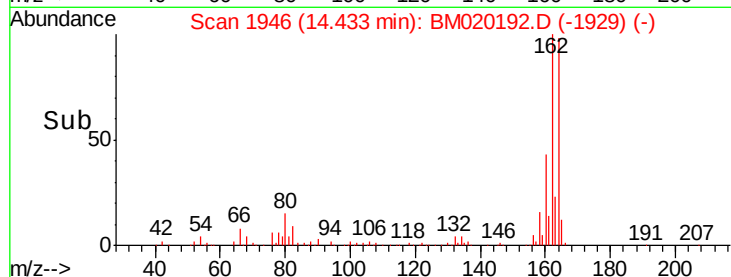
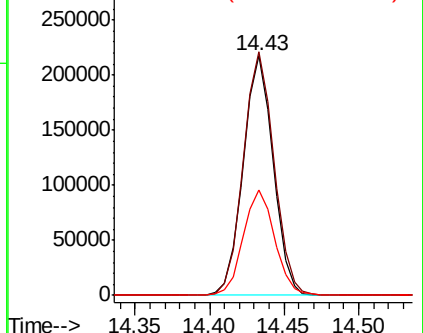
160 44.0 37.6 56.4



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: 45.303 ng

RT: 12.61 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Tgt Ion:216 Resp: 535291

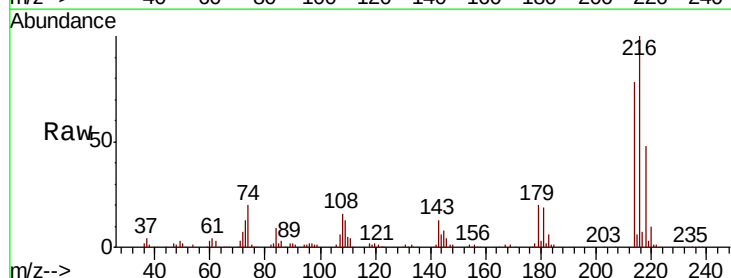
Ion Ratio Lower Upper

216 100

214 78.3 62.6 94.0

179 20.0 17.1 25.7

108 17.3 15.8 23.6

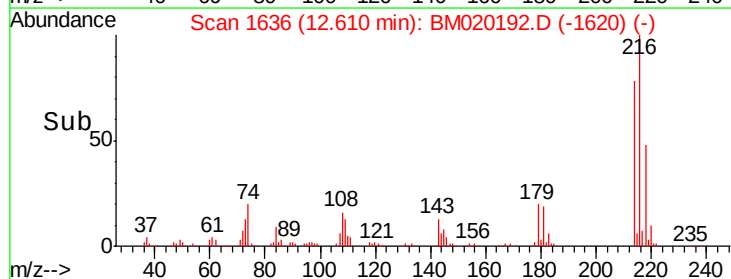
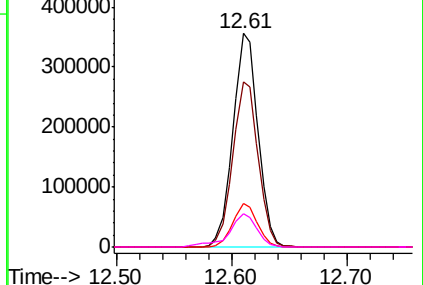


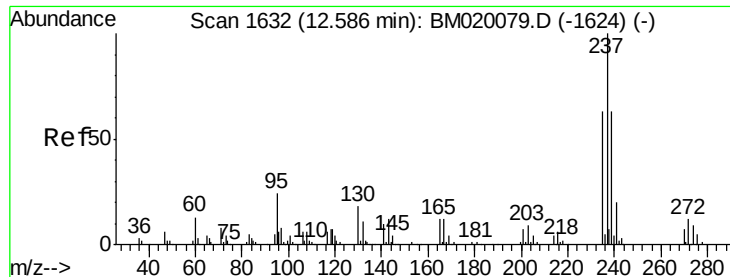
Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.649 ng

RT: 12.58 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampleId :

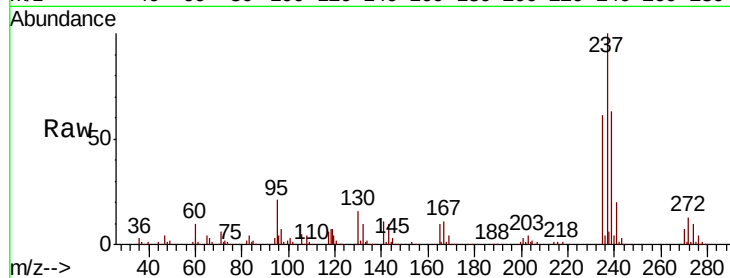
Tot Ion:237 Resp: 303672

Ion Ratio Lower Upper

237 100

235 60.9 43.4 83.4

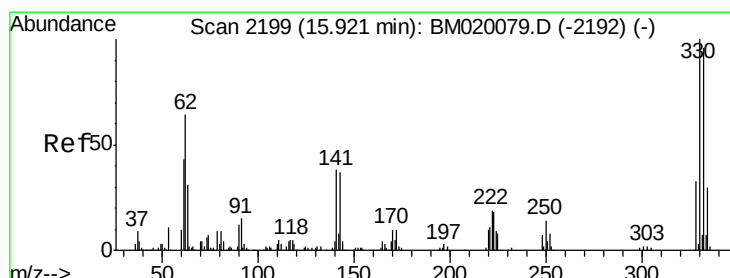
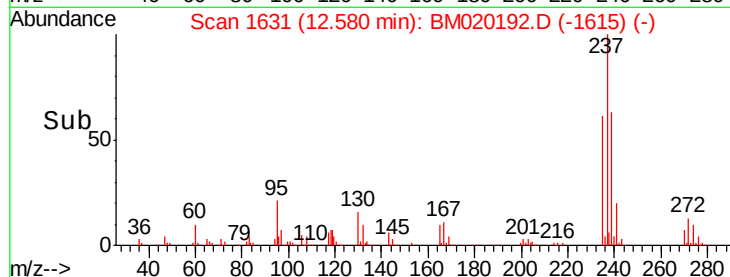
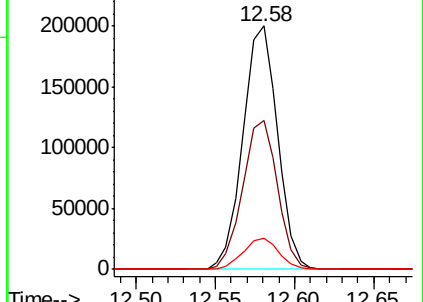
272 12.8 0.0 31.7



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: 96.399 ng

RT: 15.93 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

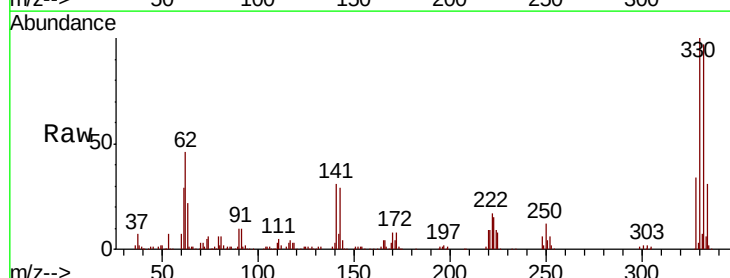
Tgt Ion:330 Resp: 451896

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

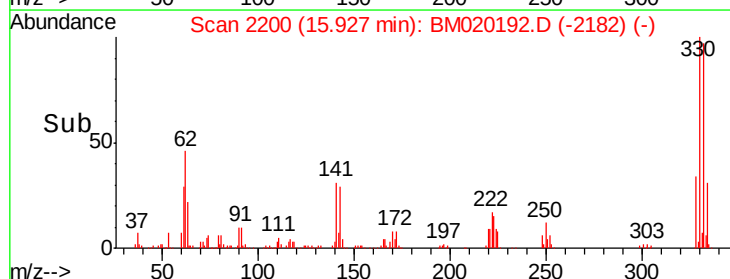
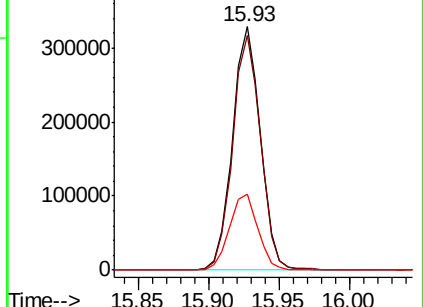
141 32.2 29.2 43.8

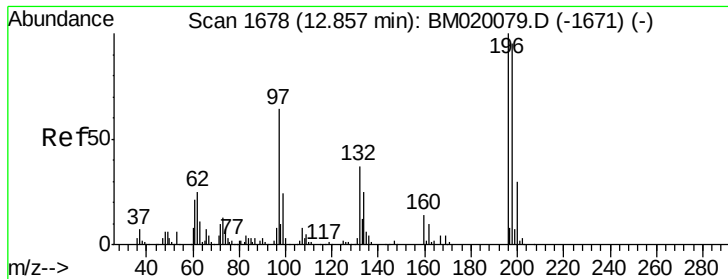


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 49.439 ng

RT: 12.86 min Scan# 1678

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampled :

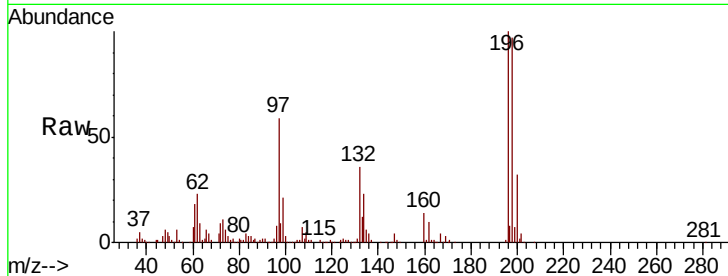
Tot Ion:196 Resp: 331993

Ion Ratio Lower Upper

196 100

198 97.3 76.2 114.2

200 31.6 24.3 36.5

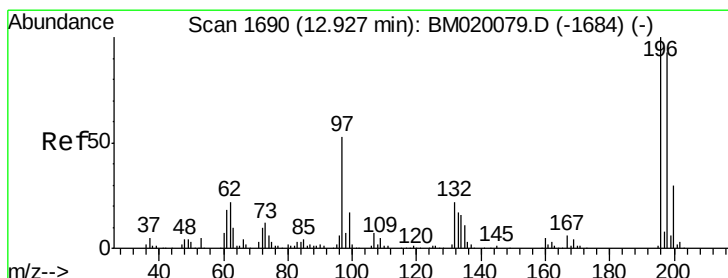
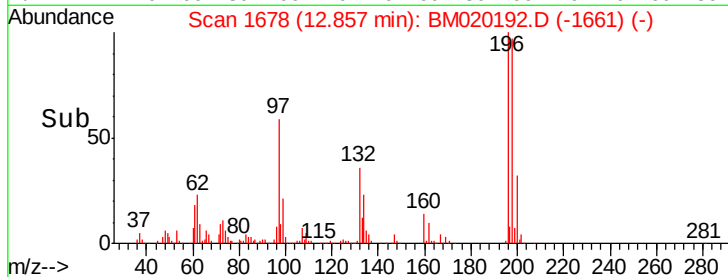
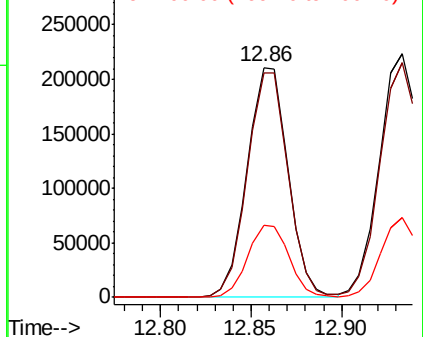


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 46.511 ng

RT: 12.93 min Scan# 1691

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Tgt Ion:196 Resp: 348921

Ion Ratio Lower Upper

196 100

198 96.4 74.7 112.1

97 50.9 42.2 63.4

132 23.5 17.8 26.8

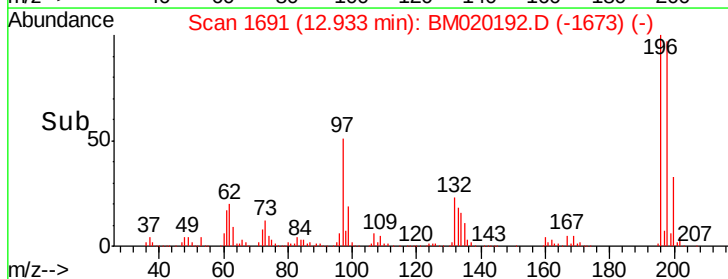
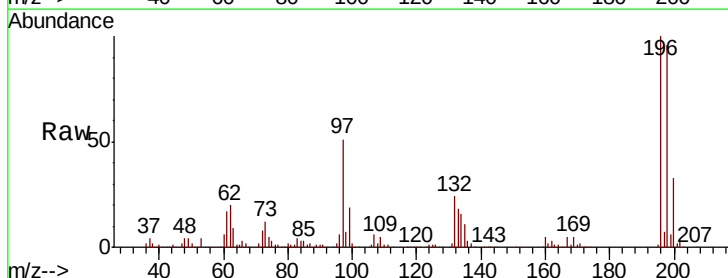
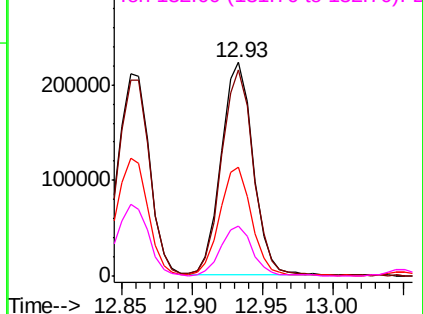
Abundance

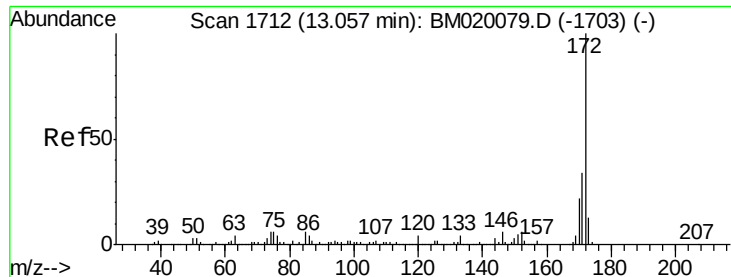
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E

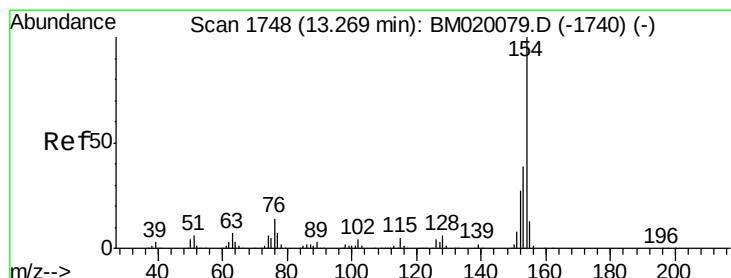
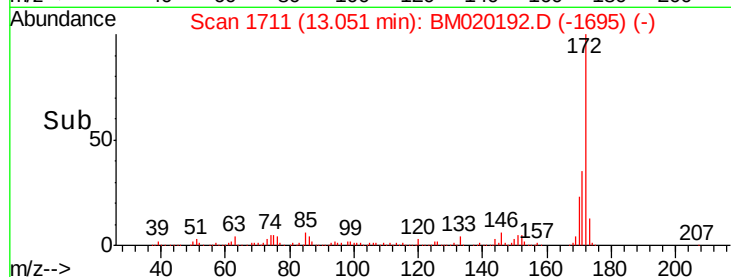
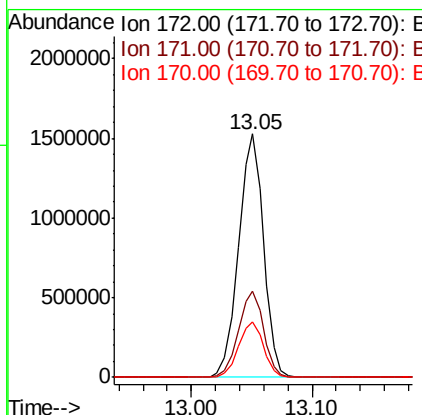
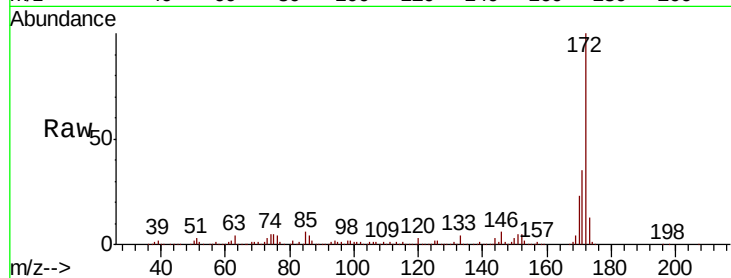




#45
2-Fluorobiphenyl
Concen: 89.416 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

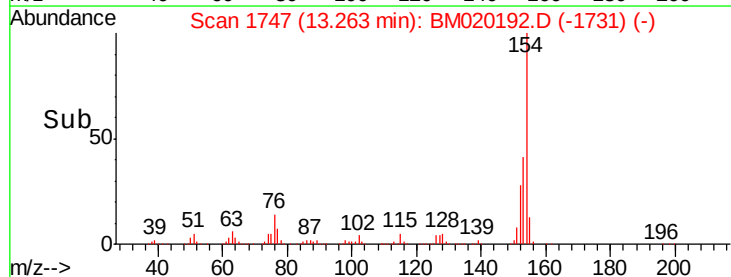
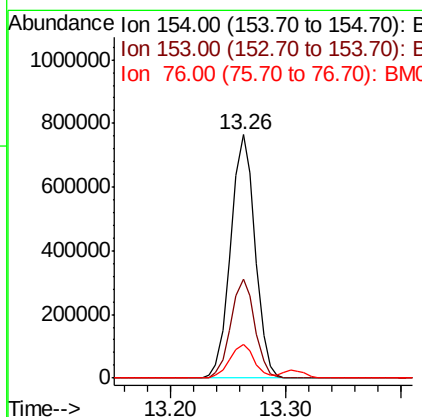
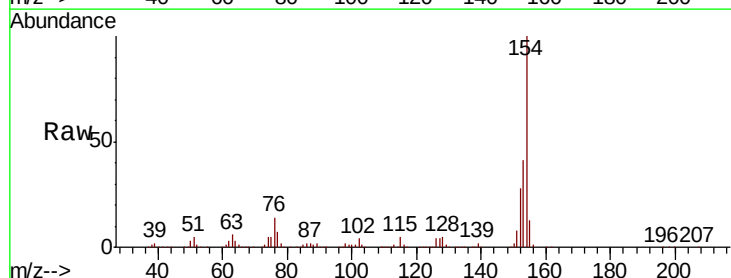
Instrument :
BNA_M
ClientSampleId :

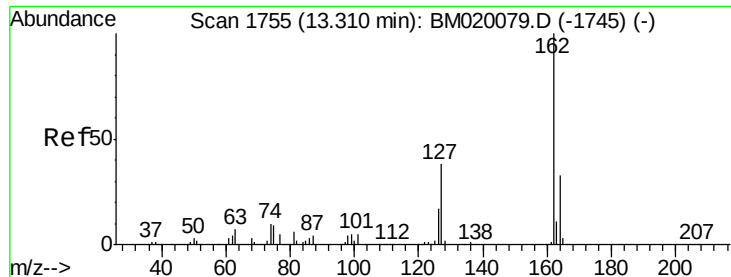
Tot Ion:172 Resp: 2194851
Ion Ratio Lower Upper
172 100
171 35.2 27.3 40.9
170 22.7 17.9 26.9



#46
1,1'-Biphenyl
Concen: 44.862 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Tgt Ion:154 Resp: 1115200
Ion Ratio Lower Upper
154 100
153 40.7 19.4 59.4
76 14.1 0.0 34.5

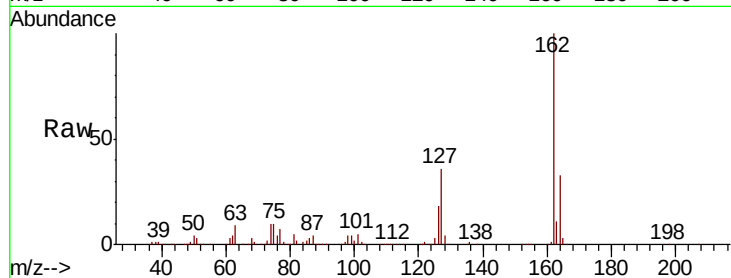




#47
2-Chloronaphthalene
Concen: 44.957 ng
RT: 13.31 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.0	31.0	46.4
164	33.0	26.2	39.2

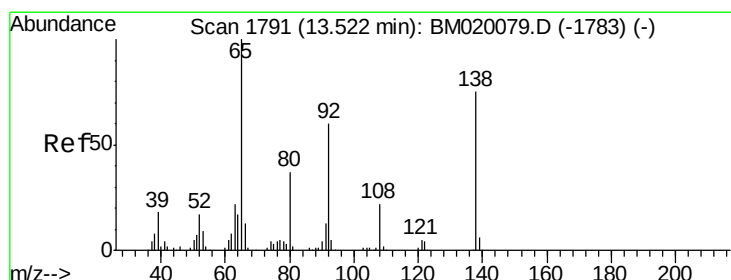
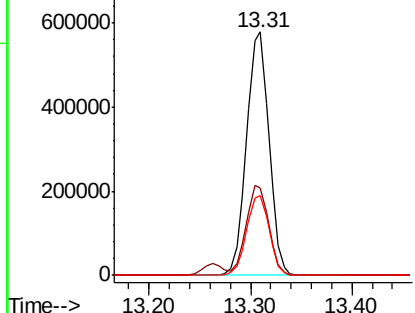
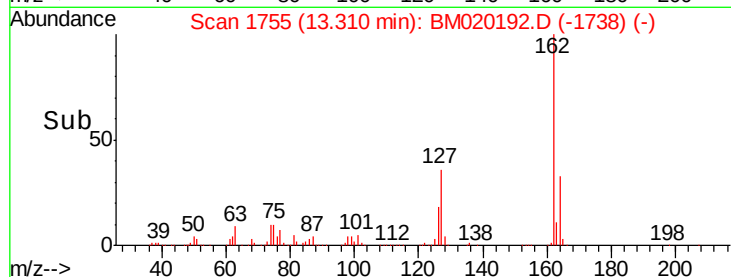


Abundance

Ion 162.00 (161.70 to 162.70): E

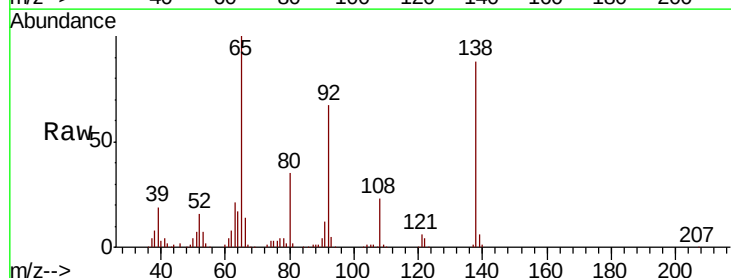
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 44.668 ng
RT: 13.52 min Scan# 1791
Delta R.T. -0.00 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	48.2	72.4
138	87.6	60.3	90.5

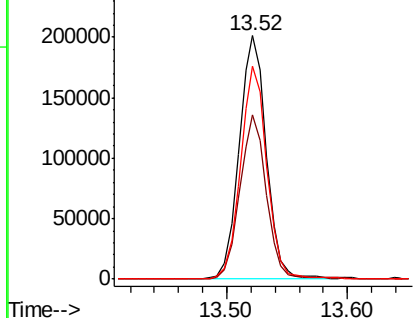
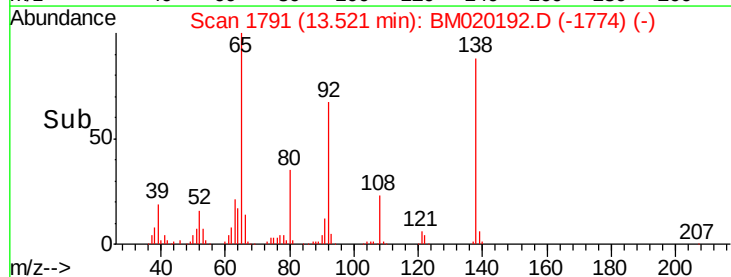


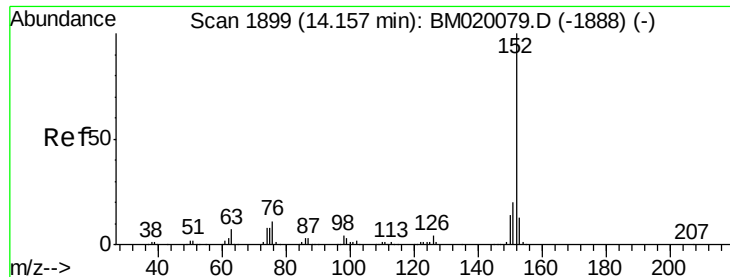
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.924 ng

RT: 14.16 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampleId :

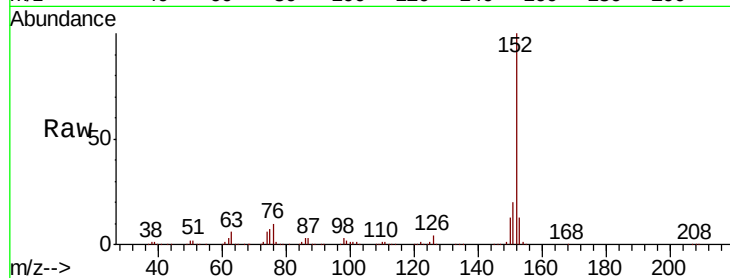
Tot Ion:152 Resp: 1426942

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.2	10.6	16.0

152 100

151 20.1 16.2 24.2

153 13.2 10.6 16.0

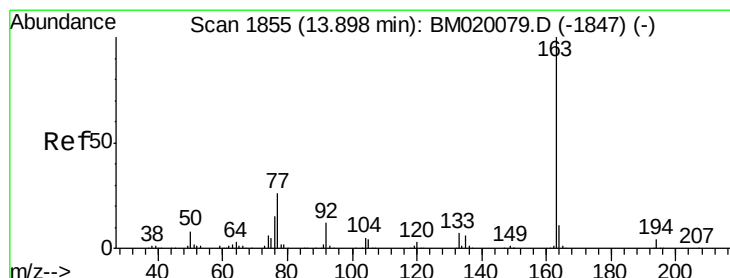
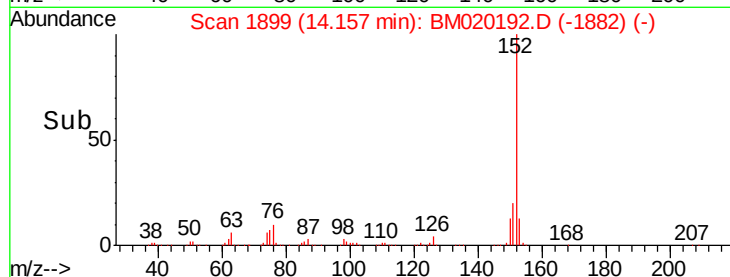
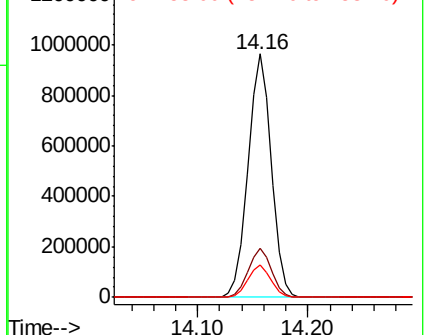


Abundance

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: 44.303 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

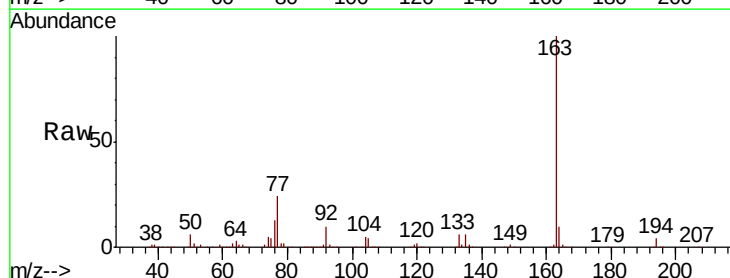
Tgt Ion:163 Resp: 1137186

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.2	8.4	12.6

163 100

194 4.4 3.6 5.4

164 10.2 8.4 12.6

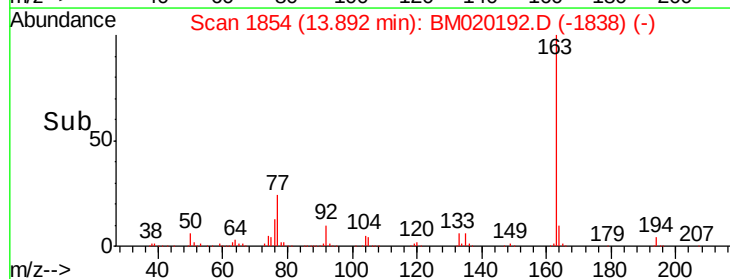
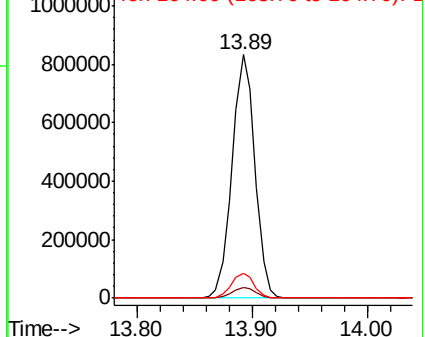


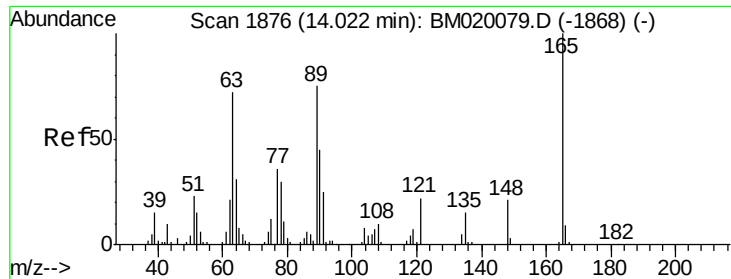
Abundance

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

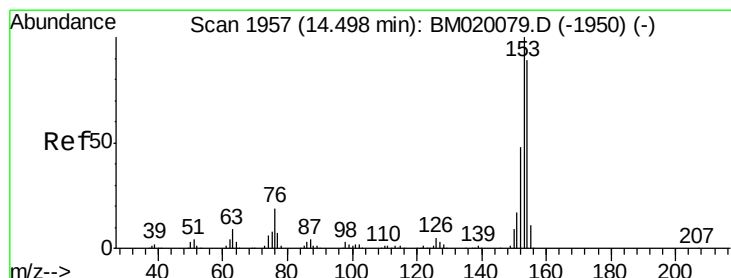
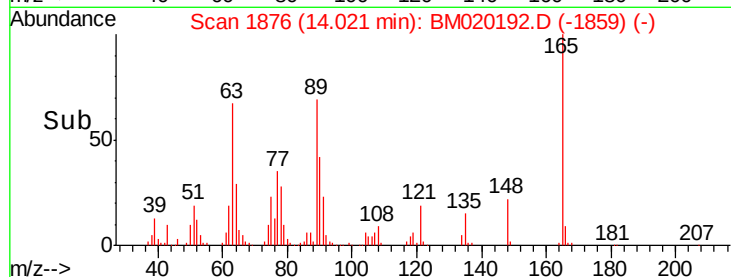
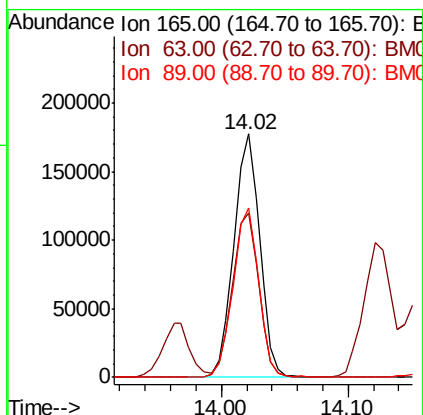
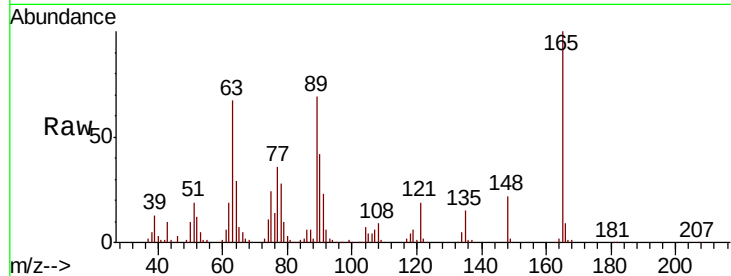




#51
 2,6-Dinitrotoluene
 Concen: 46.189 ng
 RT: 14.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: BM020192.D
 Acq: 08 May 2019 12:52

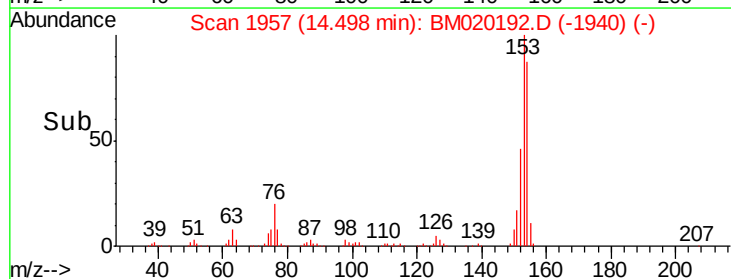
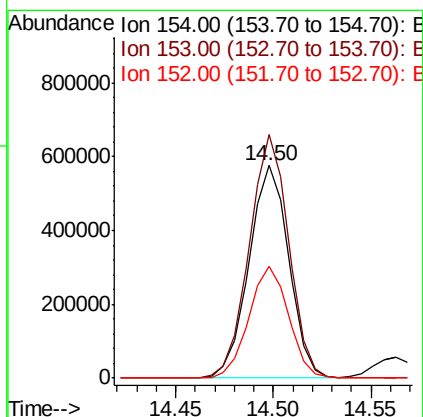
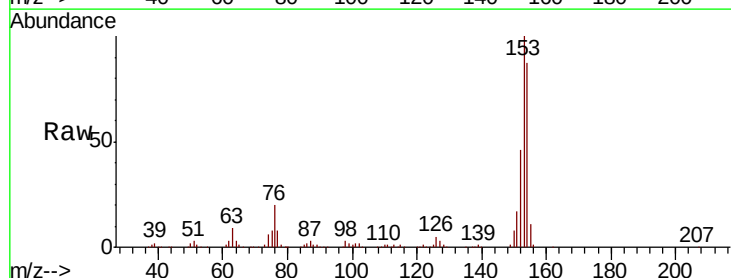
Instrument :
 BNA_M
 ClientSampled :

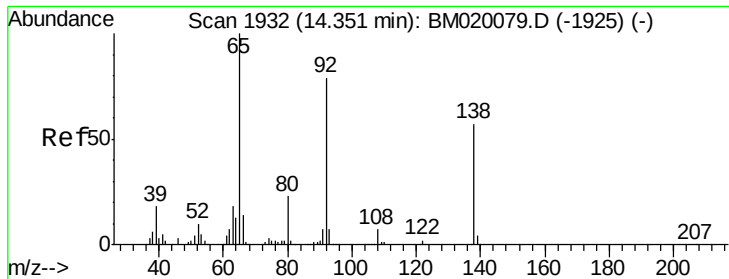
Tot Ion	Ratio	Lower	Upper
165	100		
63	67.2	60.3	90.5
89	69.3	59.8	89.6



#52
 Acenaphthene
 Concen: 44.794 ng
 RT: 14.50 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BM020192.D
 Acq: 08 May 2019 12:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.2	135.2
152	52.8	43.0	64.4

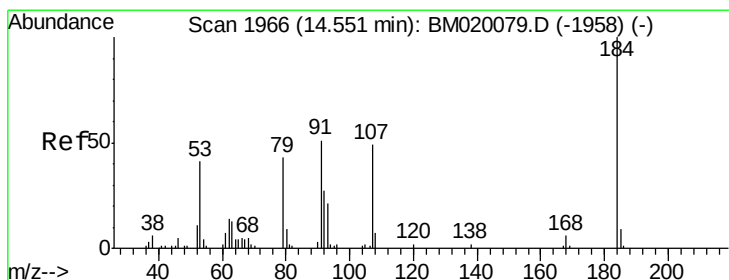
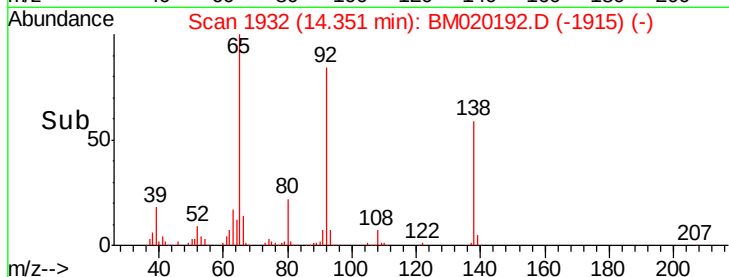
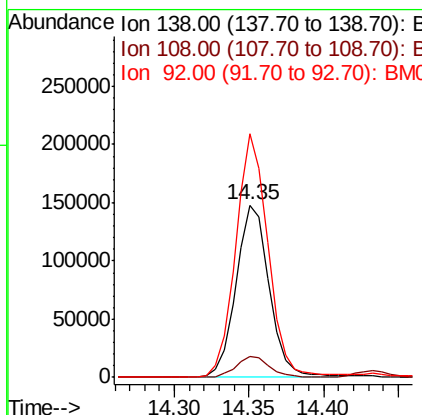
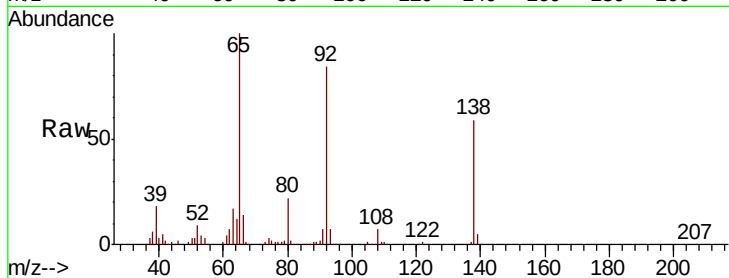




#53
 3-Nitroaniline
 Concen: 45.627 ng
 RT: 14.35 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BM020192.D
 Acq: 08 May 2019 12:52

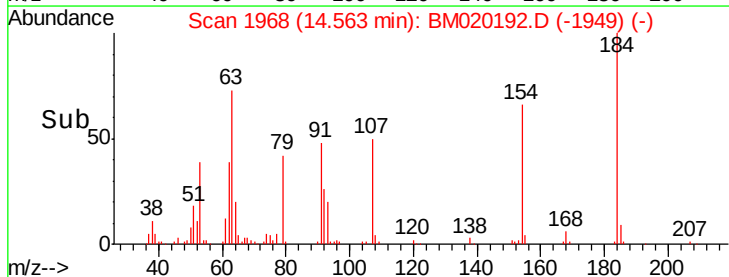
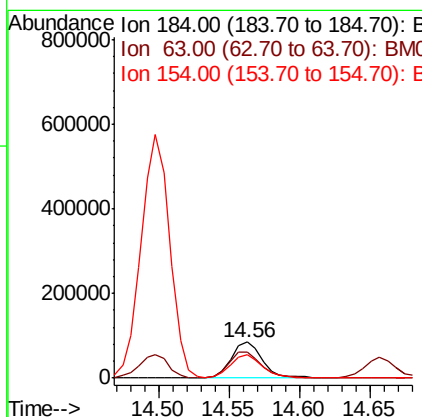
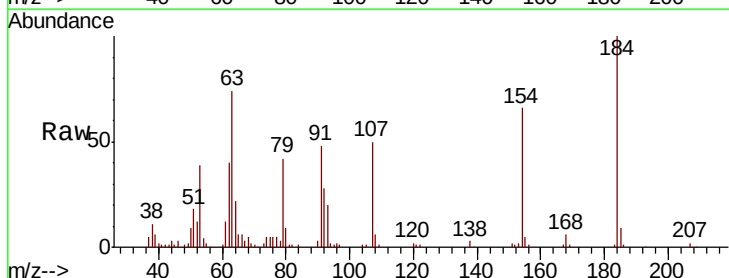
Instrument :
 BNA_M
 ClientSampleID :

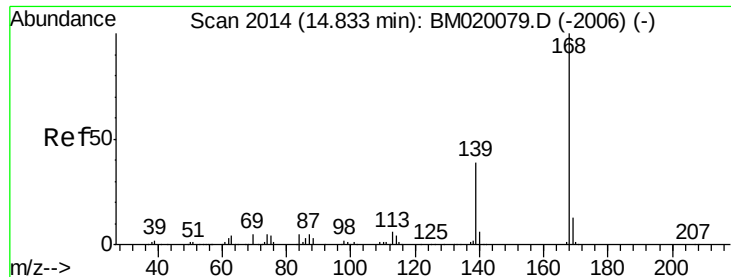
Tot Ion:138 Resp: 228946
 Ion Ratio Lower Upper
 138 100
 108 12.1 10.4 15.6
 92 141.1 111.3 166.9



#54
 2,4-Dinitrophenol
 Concen: 51.726 ng
 RT: 14.56 min Scan# 1968
 Delta R.T. 0.01 min
 Lab File: BM020192.D
 Acq: 08 May 2019 12:52

Tgt Ion:184 Resp: 131007
 Ion Ratio Lower Upper
 184 100
 63 73.7 68.9 103.3
 154 65.7 54.4 81.6





#55

Dibenzofuran

Concen: 44.216 ng

RT: 14.83 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampled :

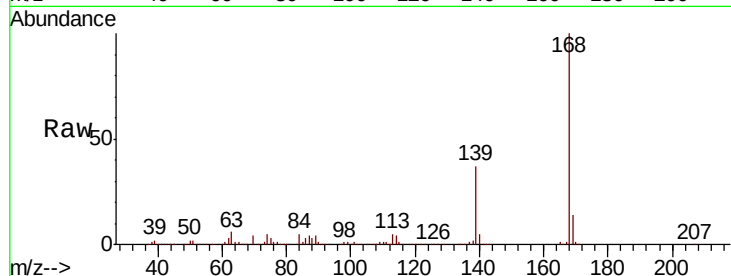
Tot Ion:168 Resp: 1358532

Ion Ratio Lower Upper

168 100

139 36.7 31.1 46.7

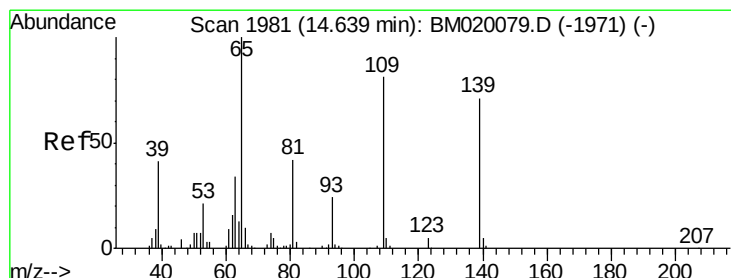
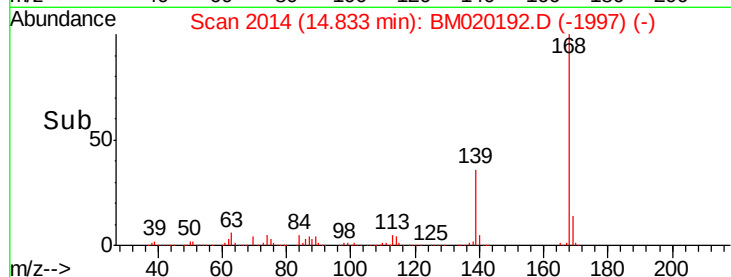
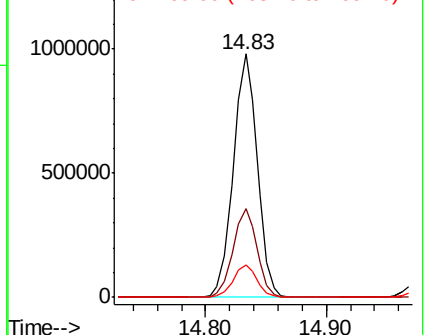
169 13.5 10.6 16.0



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: 42.236 ng

RT: 14.66 min Scan# 1984

Delta R.T. 0.02 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

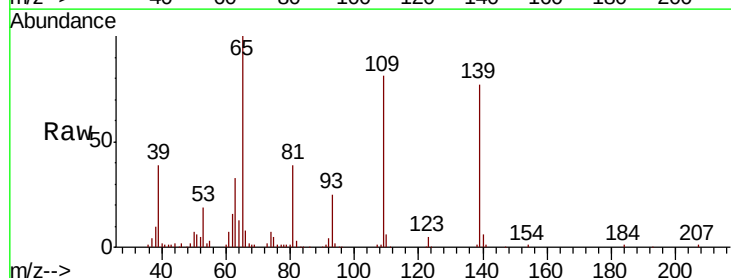
Tgt Ion:139 Resp: 180819

Ion Ratio Lower Upper

139 100

109 104.2 94.1 134.1

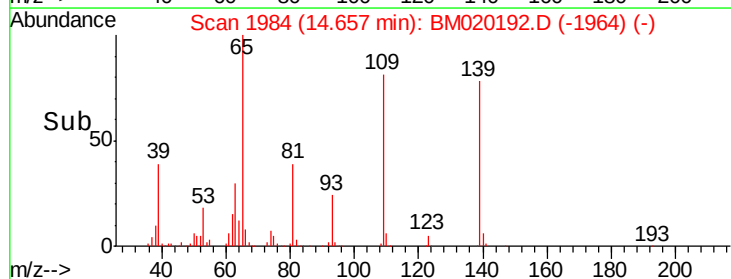
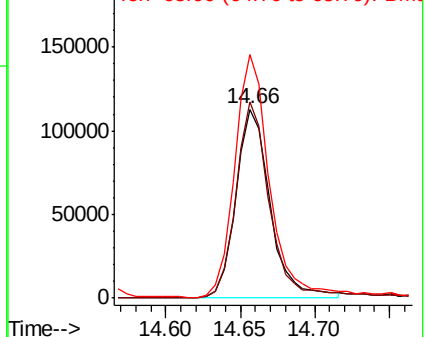
65 129.1 120.9 160.9

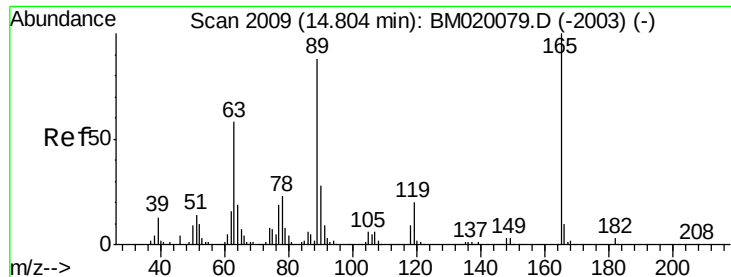


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

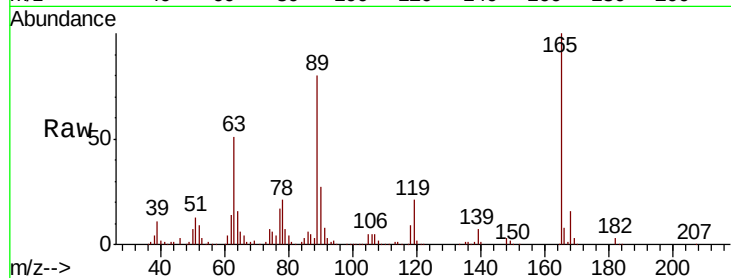




#57
2,4-Dinitrotoluene
Concen: 47.298 ng
RT: 14.81 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.4	46.2	69.2
89	79.8	70.6	105.8
182	3.1	2.2	3.2



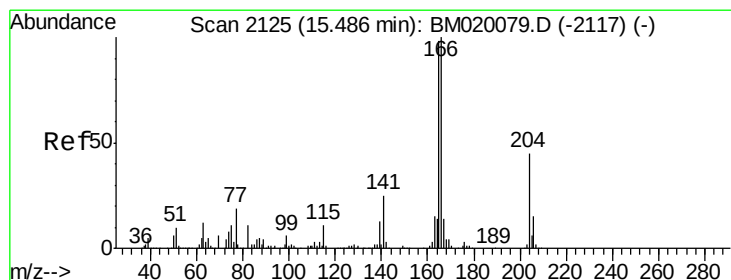
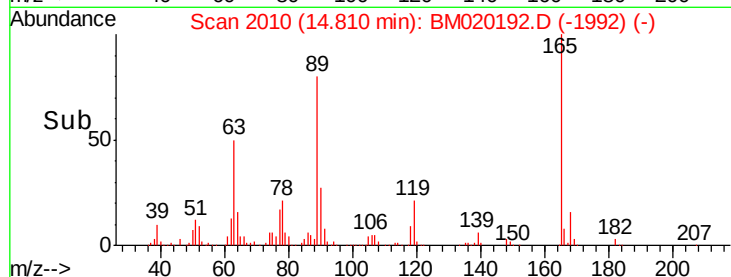
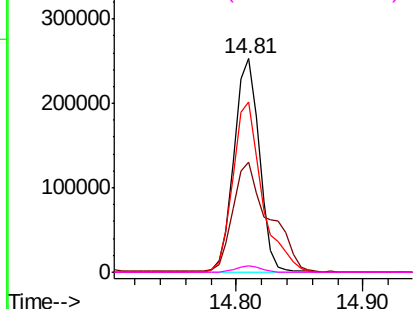
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

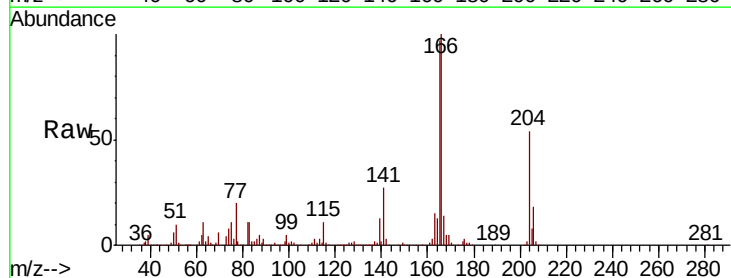
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.827 ng
RT: 15.48 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.2	117.2
167	13.6	11.0	16.4

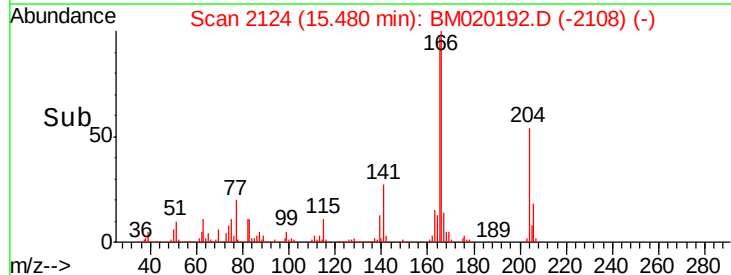
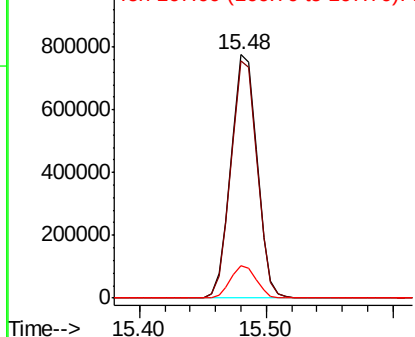


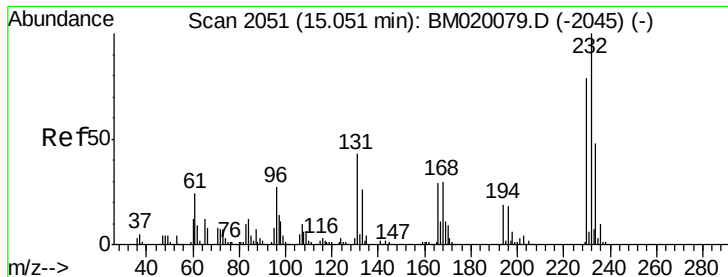
Abundance

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: 46.323 ng

RT: 15.06 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BM020192.D

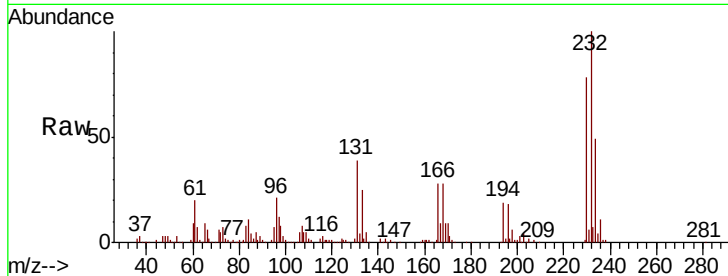
Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampleId :

Tot Ion:232	Resp:	330241
Ion Ratio	Lower	Upper
232	100	
131	38.3	34.2 51.4
130	2.1	2.0 3.0
166	28.8	23.8 35.8

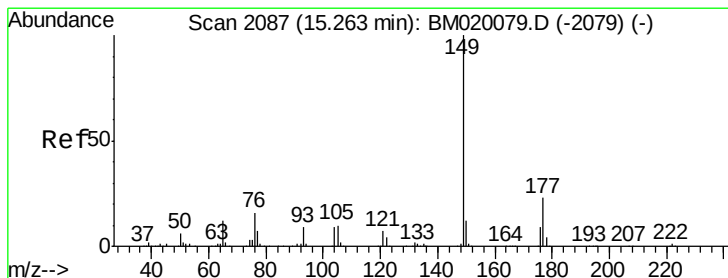
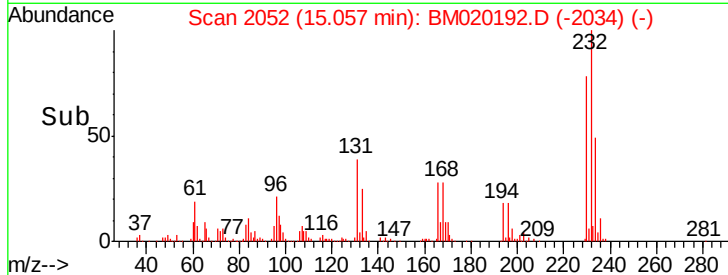
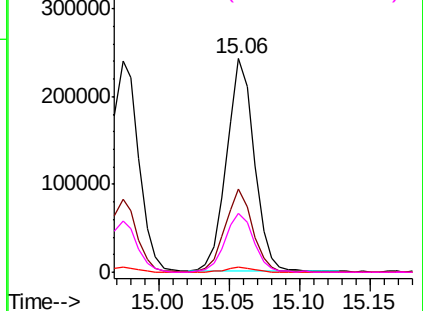


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.725 ng

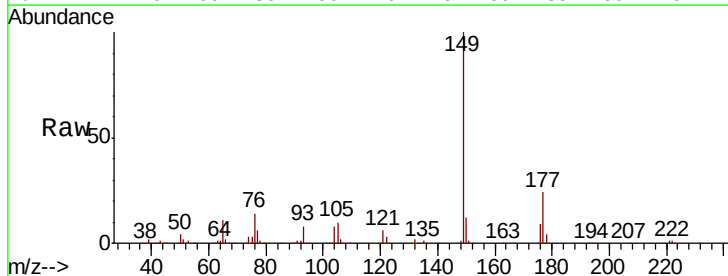
RT: 15.26 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

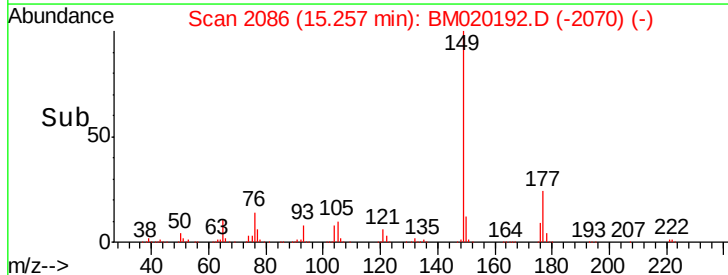
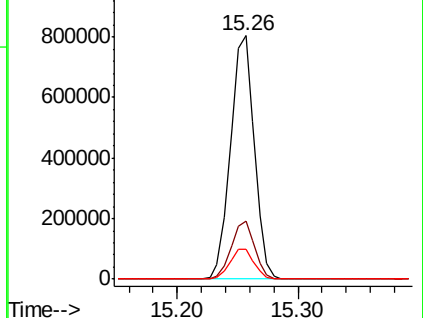
Tgt Ion:149	Resp:	1104896
Ion Ratio	Lower	Upper
149	100	
177	23.8	18.2 27.4
150	12.4	9.9 14.9

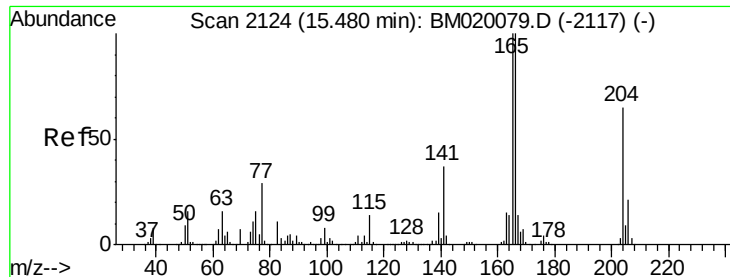


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

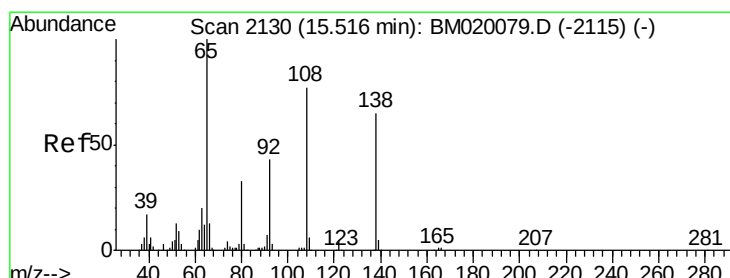
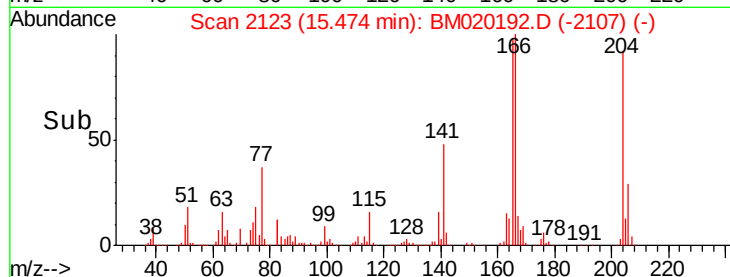
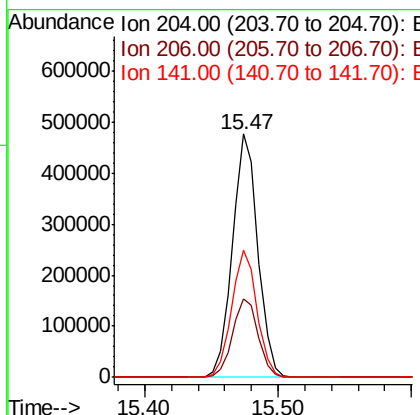
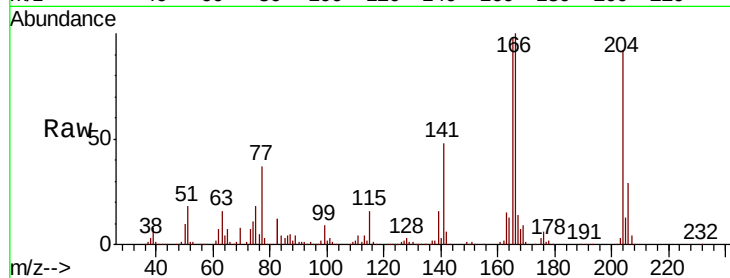




#61
4-Chlorophenyl-phenylether
Concen: 44.162 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

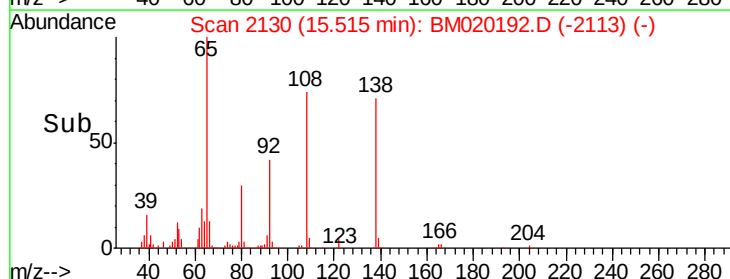
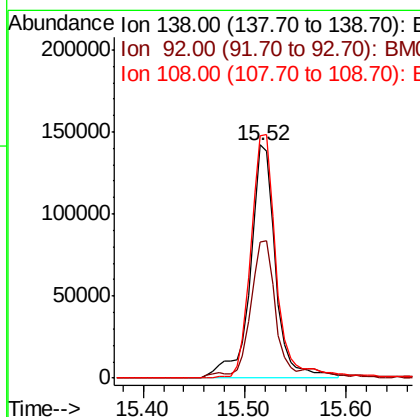
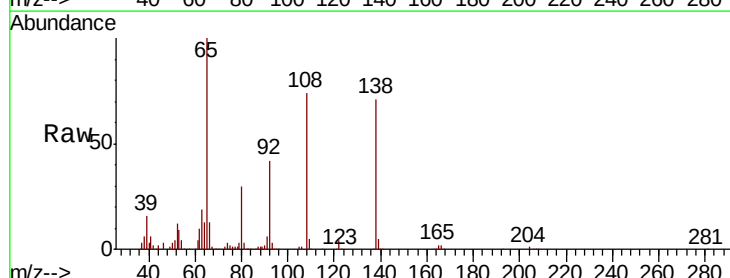
Instrument :
BNA_M
ClientSampleId :

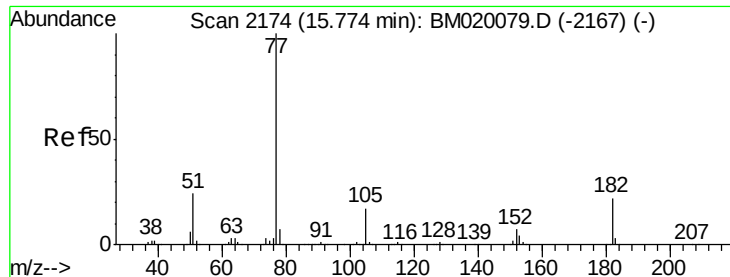
Tot Ion:204 Resp: 631396
Ion Ratio Lower Upper
204 100
206 32.1 25.6 38.4
141 52.0 46.1 69.1



#62
4-Nitroaniline
Concen: 44.513 ng
RT: 15.52 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Tgt Ion:138 Resp: 246491
Ion Ratio Lower Upper
138 100
92 58.7 45.9 85.9
108 104.0 97.7 137.7

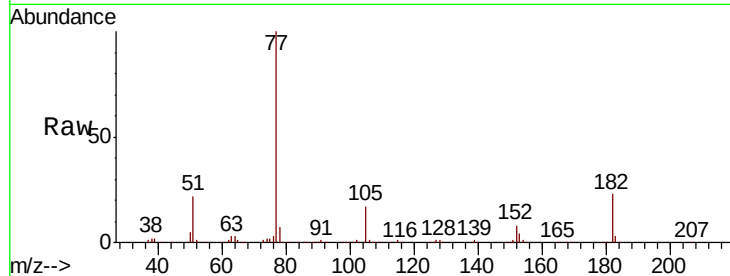




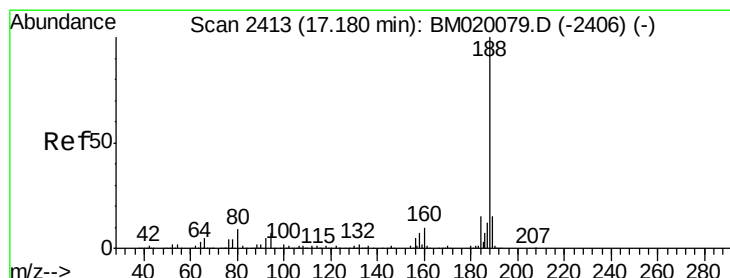
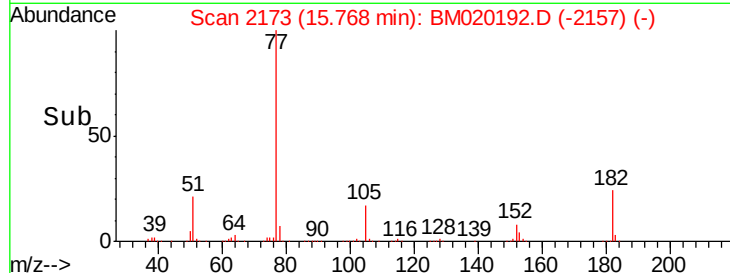
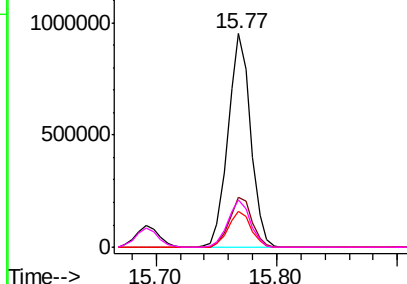
#63
Azobenzene
Concen: 40.418 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Instrument :
BNA_M
ClientSampled :

Tot Ion: 77 Resp: 1233093
Ion Ratio Lower Upper
77 100
182 23.3 2.1 42.1
105 17.0 0.0 36.8
51 22.1 3.8 43.8

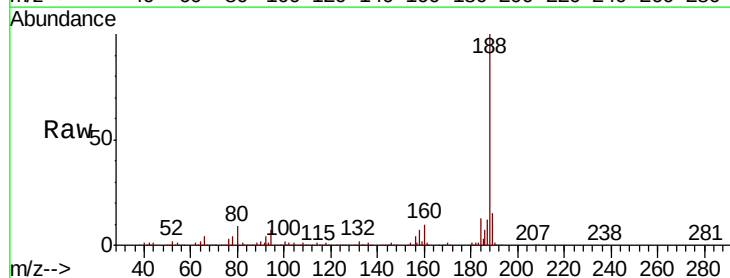


Abundance Ion 77.00 (76.70 to 77.70): BM0
1500000
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

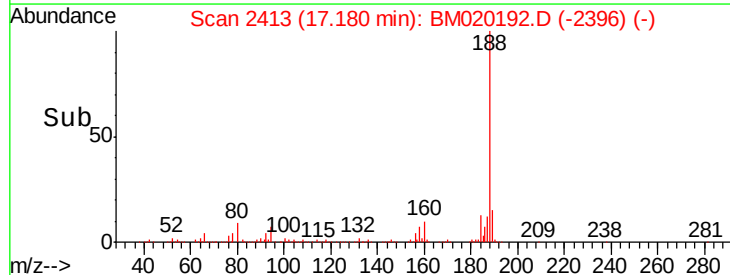
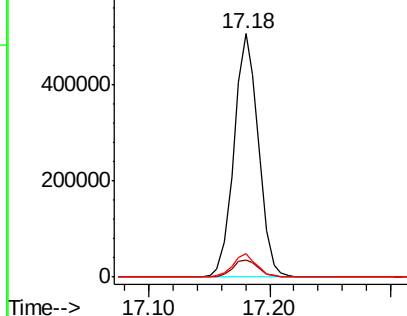


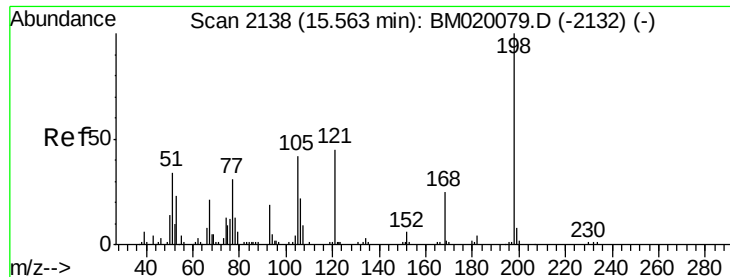
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Tgt Ion: 188 Resp: 711494
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.6
80 9.4 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E
600000
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 53.604 ng

RT: 15.57 min Scan# 2139

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampleId :

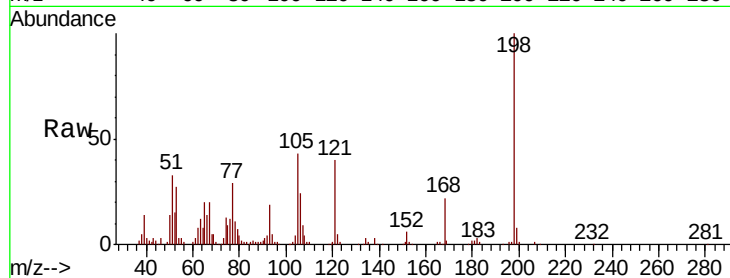
Tot Ion:198 Resp: 195959

Ion Ratio Lower Upper

198 100

51 33.0 16.5 56.5

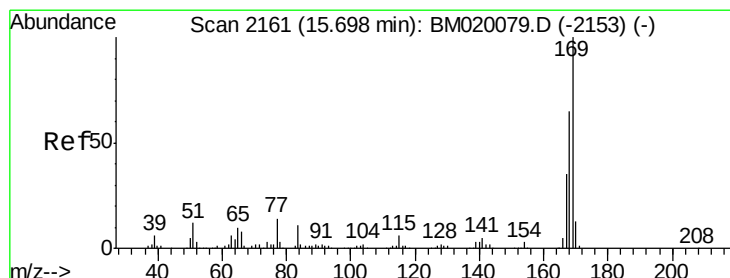
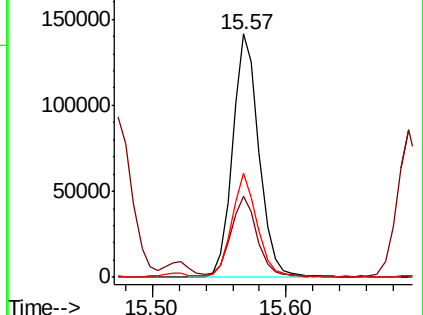
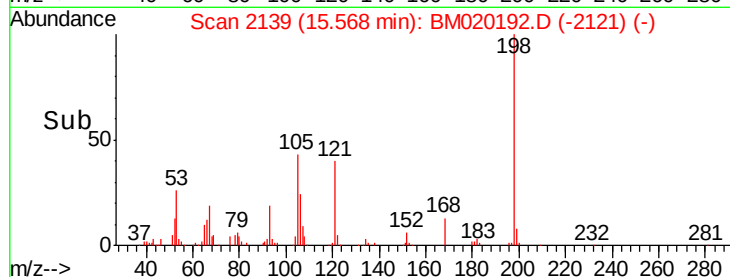
105 42.7 22.8 62.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.574 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

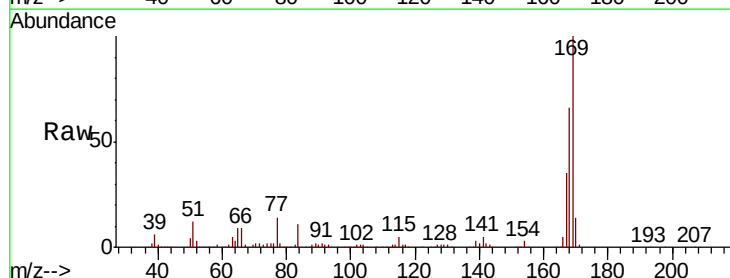
Tgt Ion:169 Resp: 954145

Ion Ratio Lower Upper

169 100

168 66.1 51.9 77.9

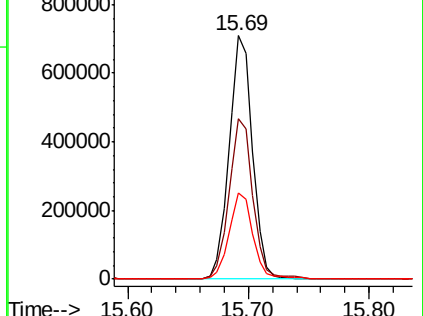
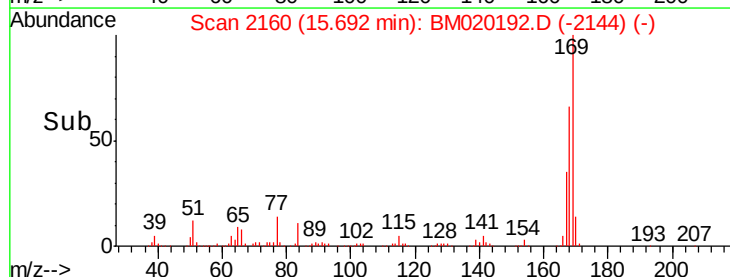
167 35.2 27.8 41.6

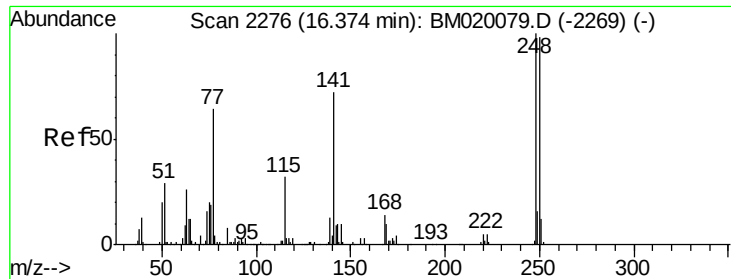


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

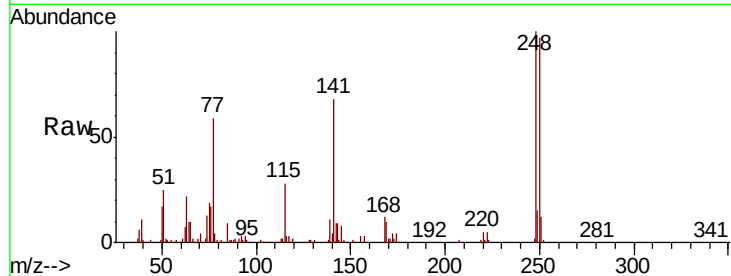




#67
 4-Bromophenyl-phenylether
 Concen: 46.173 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BM020192.D
 Acq: 08 May 2019 12:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	78.4	117.6
141	68.1	57.4	86.2

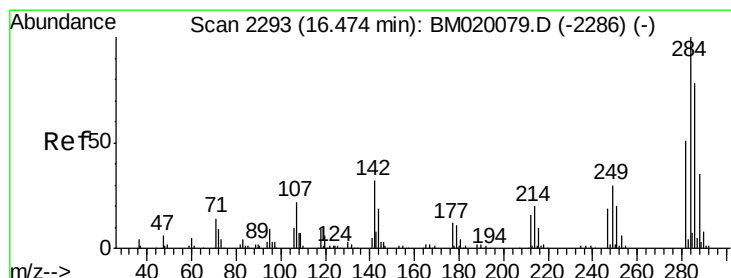
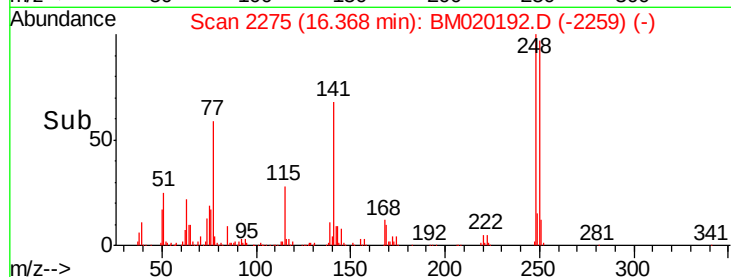
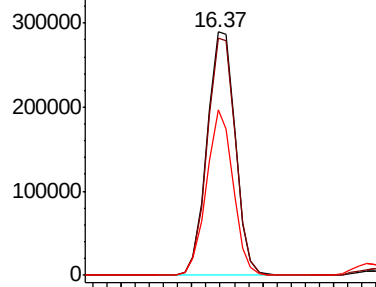


Abundance

Ion 248.00 (247.70 to 248.70): E

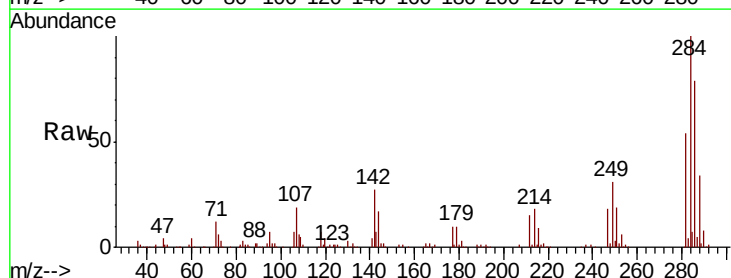
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 45.486 ng
 RT: 16.48 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BM020192.D
 Acq: 08 May 2019 12:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.7	25.2	37.8
249	30.9	23.6	35.4

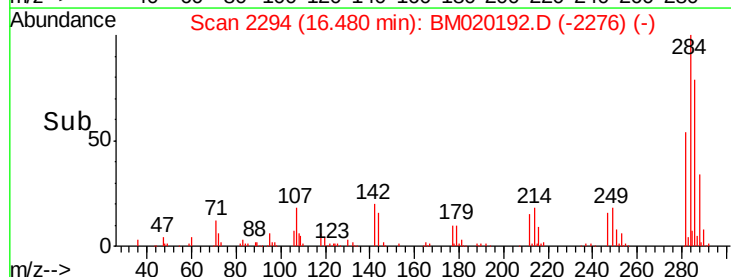
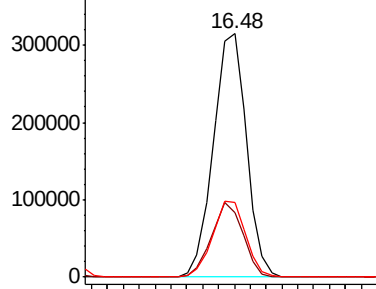


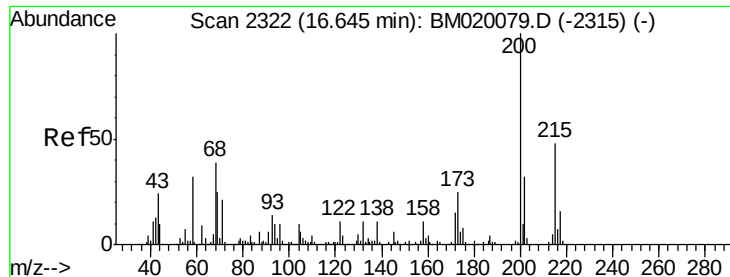
Abundance

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

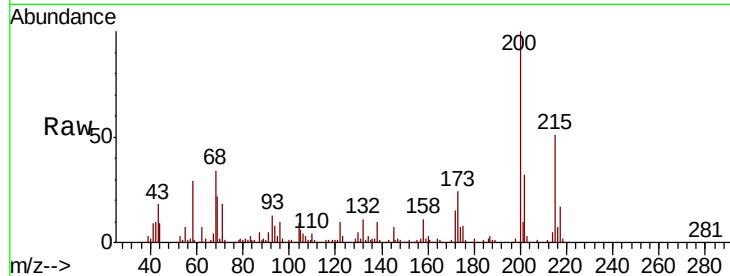




#69
Atrazine
Concen: 44.327 ng
RT: 16.64 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	4.6	44.6
215	50.5	28.0	68.0

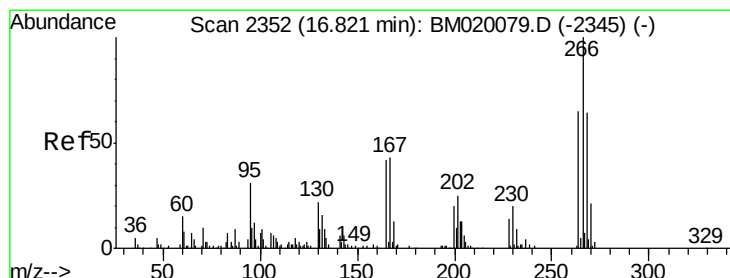
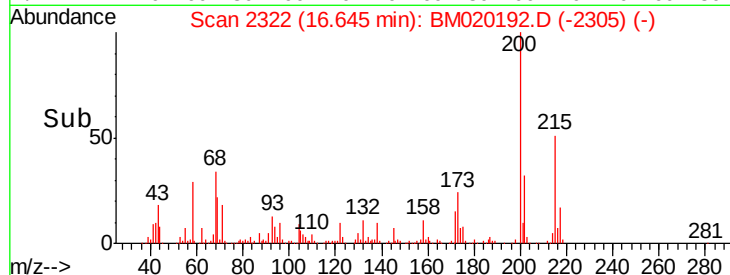
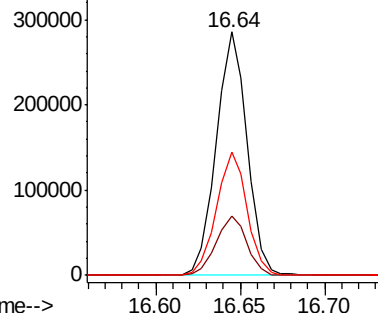


Abundance

Ion 200.00 (199.70 to 200.70): E

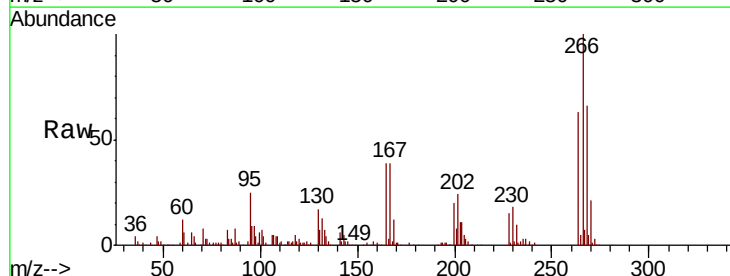
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 45.205 ng
RT: 16.83 min Scan# 2353
Delta R.T. 0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.4	77.0
264	63.4	52.0	78.0

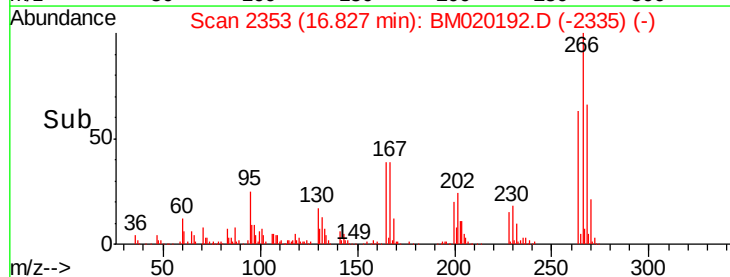
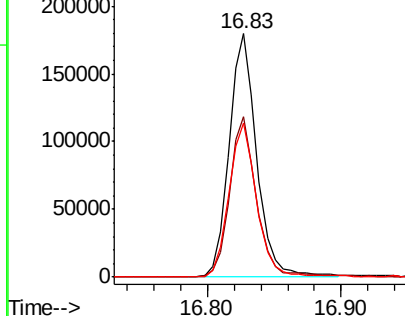


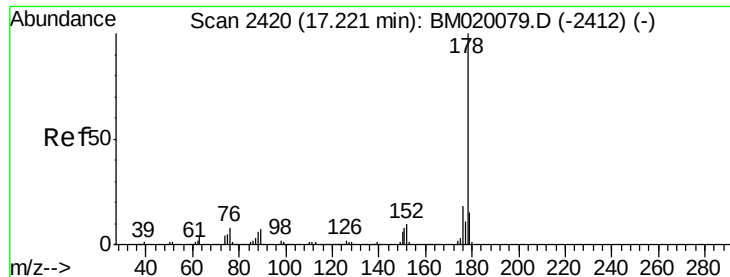
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

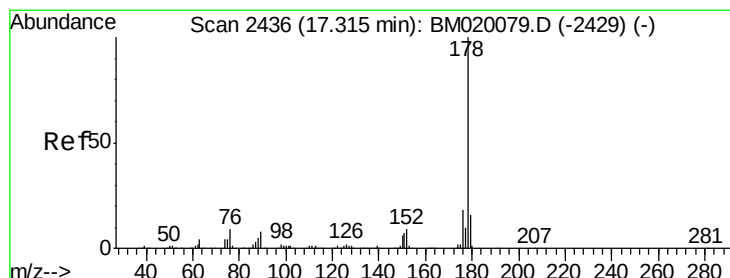
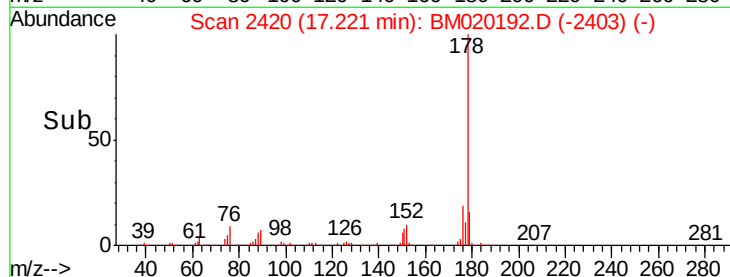
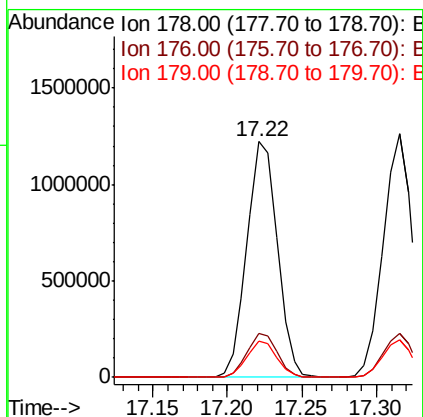
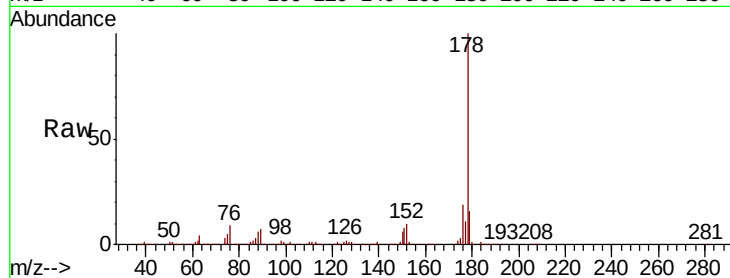




#71
Phenanthrene
Concen: 44.220 ng
RT: 17.22 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

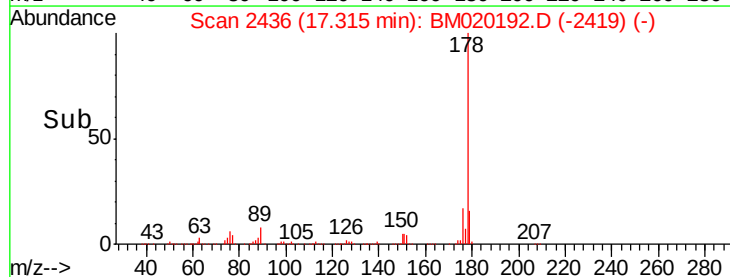
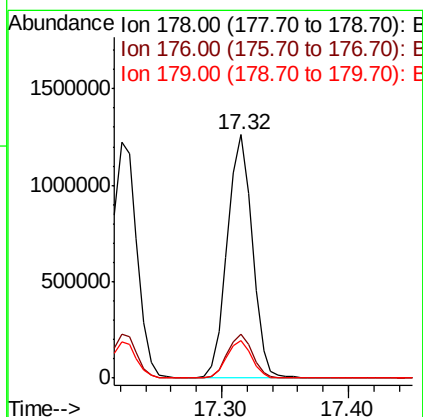
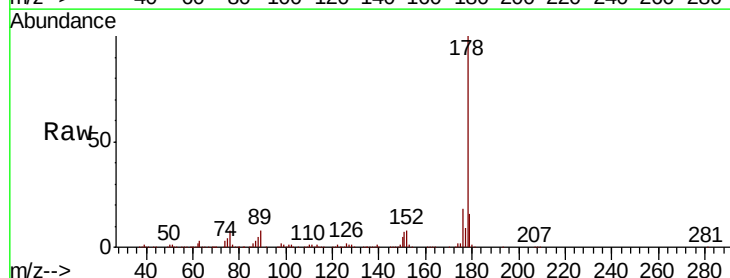
Instrument :
BNA_M
ClientSampleId :

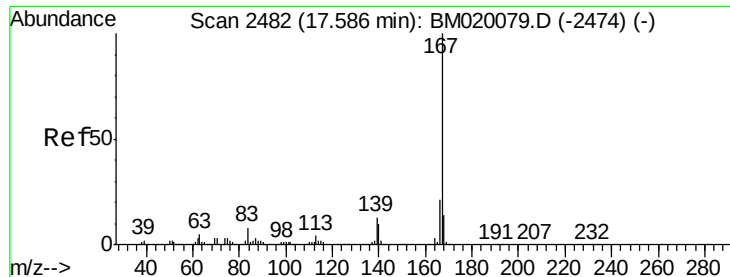
Tot Ion:178 Resp: 1736761
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.6 12.4 18.6



#72
Anthracene
Concen: 43.715 ng
RT: 17.32 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Tgt Ion:178 Resp: 1716614
Ion Ratio Lower Upper
178 100
176 18.0 14.6 22.0
179 15.6 12.4 18.6

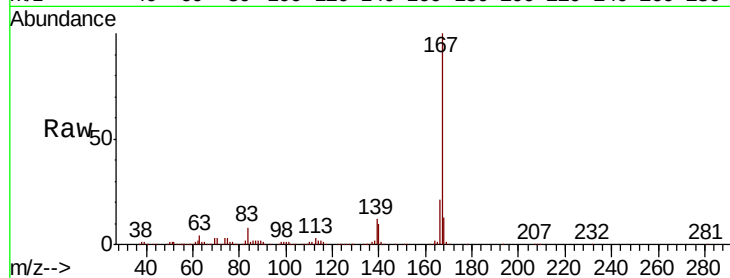




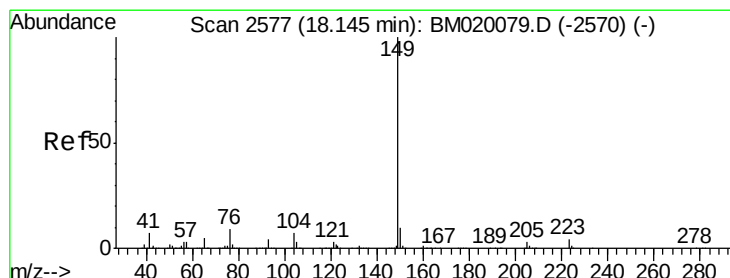
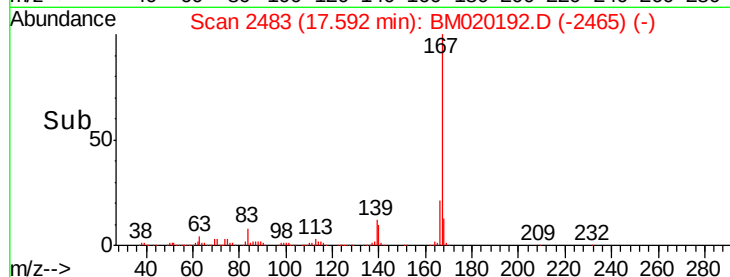
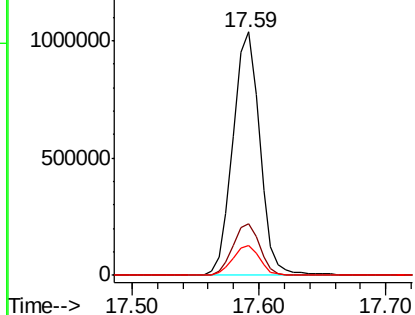
#73
 Carbazole
 Concen: 43.018 ng
 RT: 17.59 min Scan# 2483
 Delta R.T. 0.01 min
 Lab File: BM020192.D
 Acq: 08 May 2019 12:52

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 1524229
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 12.5 10.6 16.0

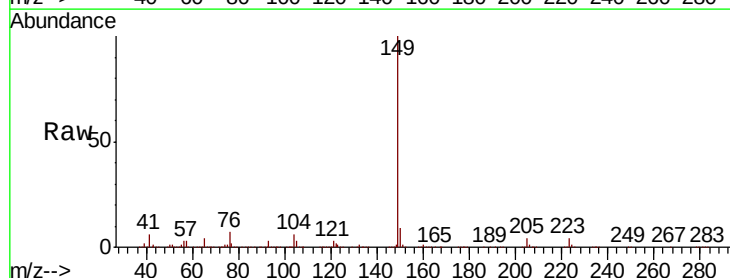


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

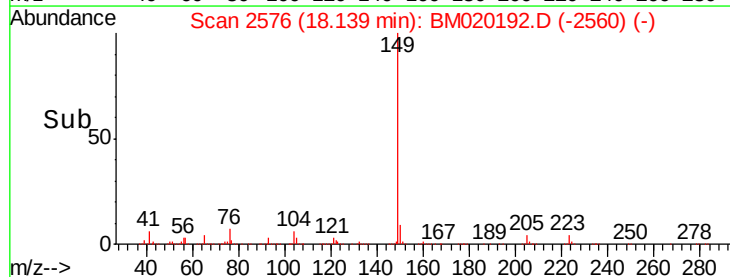
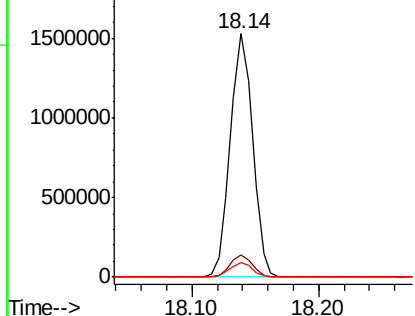


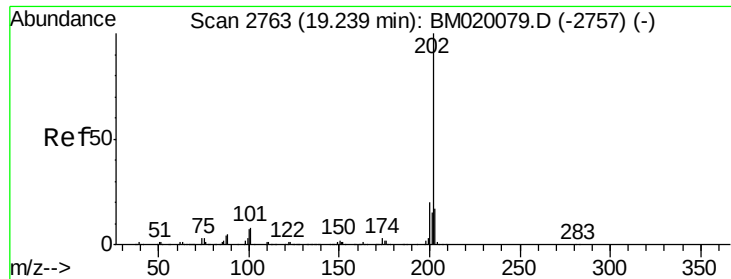
#74
 Di-n-butylphthalate
 Concen: 43.591 ng
 RT: 18.14 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BM020192.D
 Acq: 08 May 2019 12:52

Tgt Ion:149 Resp: 1858738
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.8 11.6
 104 6.0 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: 42.414 ng

RT: 19.24 min Scan# 2764

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampleId :

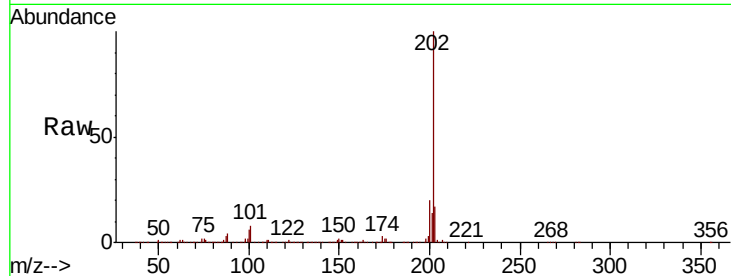
Tot Ion:202 Resp: 2107681

Ion Ratio Lower Upper

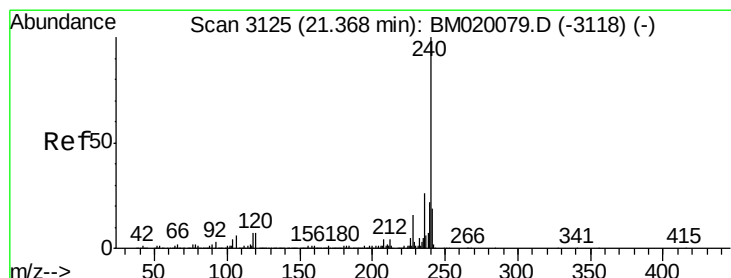
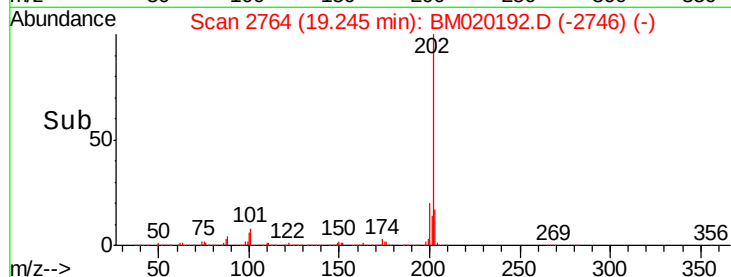
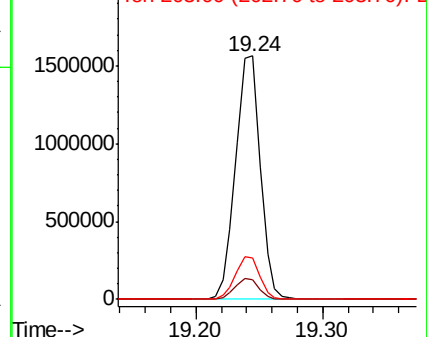
202 100

101 8.0 0.0 28.4

203 17.1 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: 21.37 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

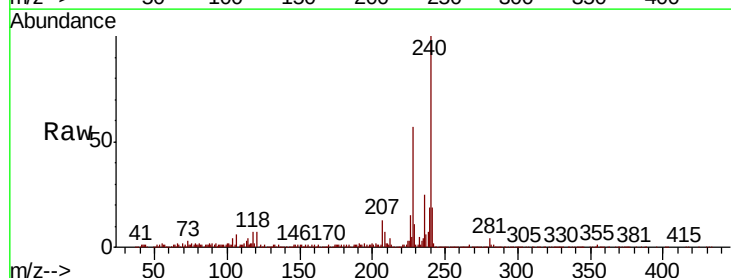
Tgt Ion:240 Resp: 679251

Ion Ratio Lower Upper

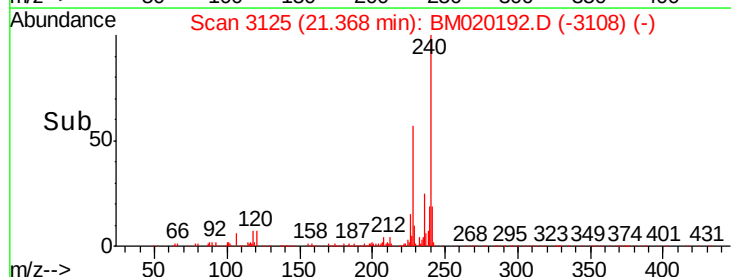
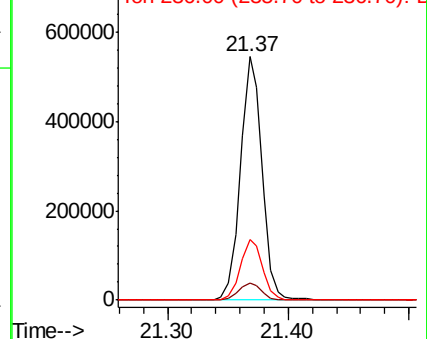
240 100

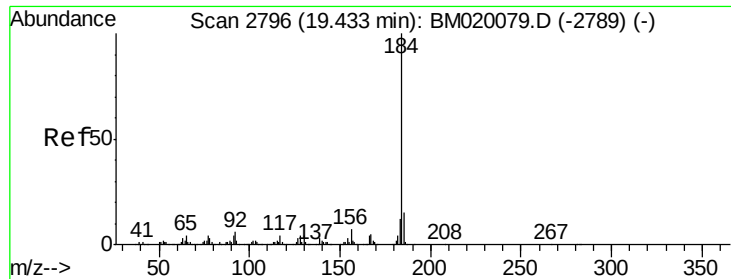
120 6.9 5.6 8.4

236 25.0 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: 39.603 ng

RT: 19.43 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampleId :

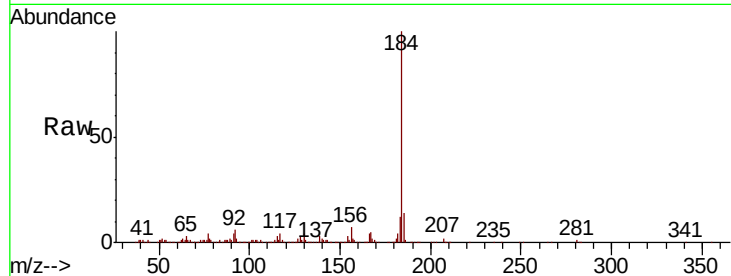
Tot Ion:184 Resp: 860022

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

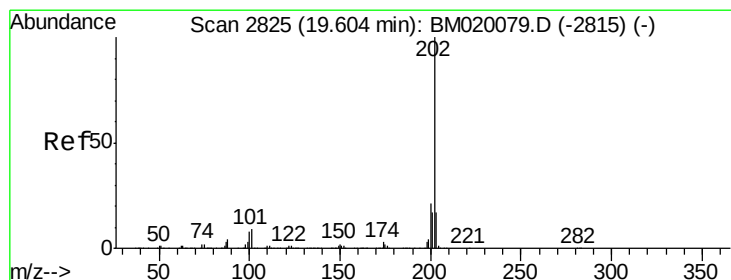
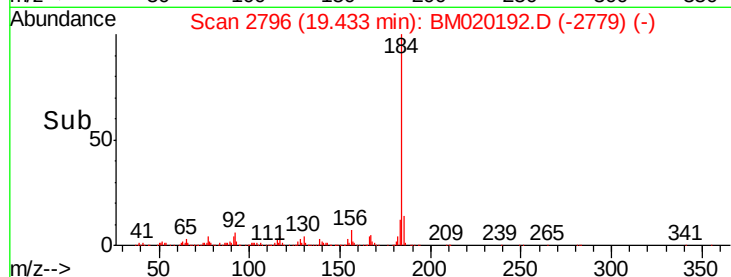
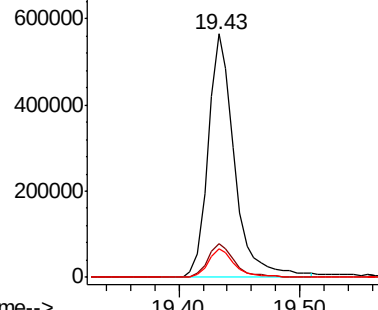
183 11.7 9.5 14.3



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: 46.940 ng

RT: 19.61 min Scan# 2826

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

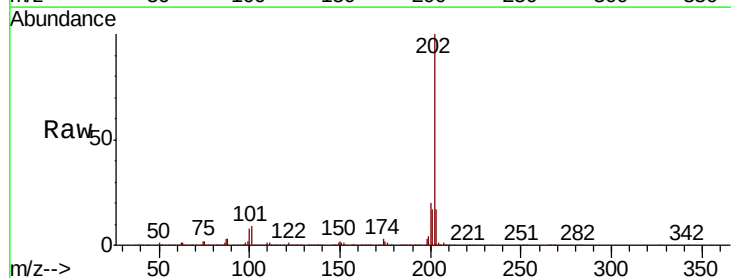
Tgt Ion:202 Resp: 2140654

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

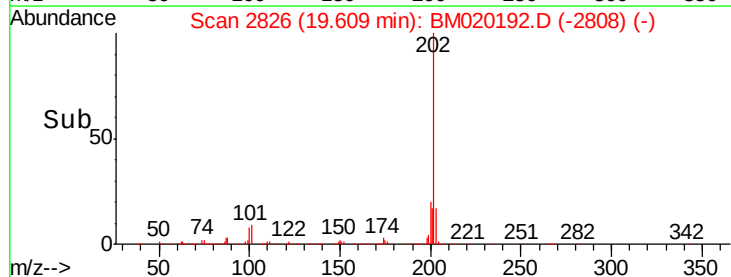
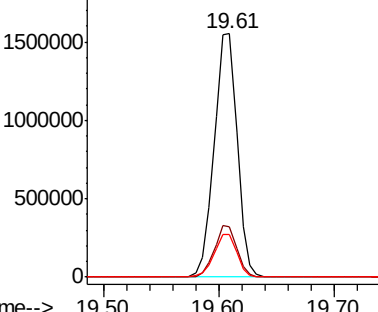
203 17.4 13.9 20.9

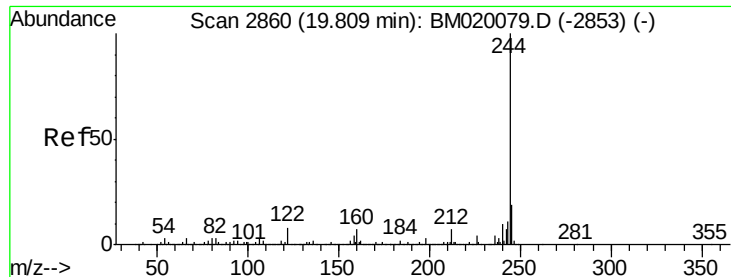


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.679 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

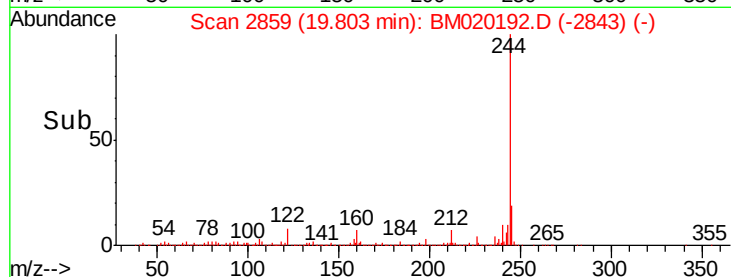
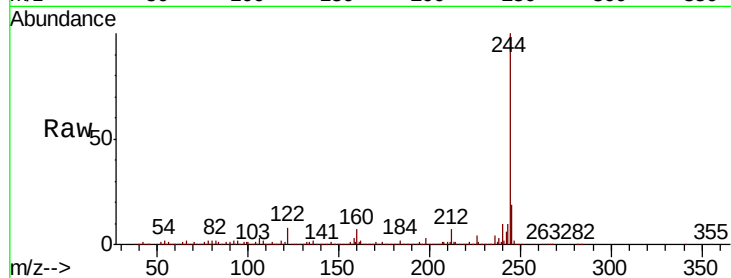
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 3609207

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	7.8	6.2	9.2

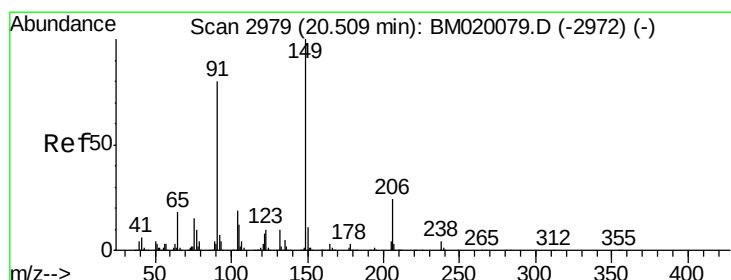
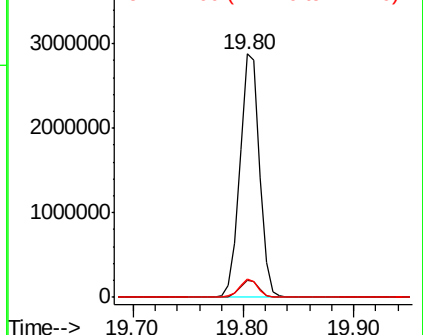


Abundance

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: 48.956 ng

RT: 20.50 min Scan# 2977

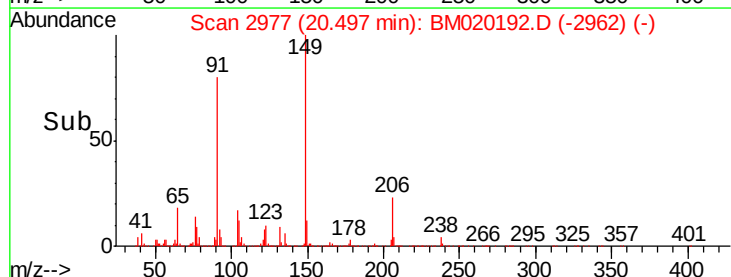
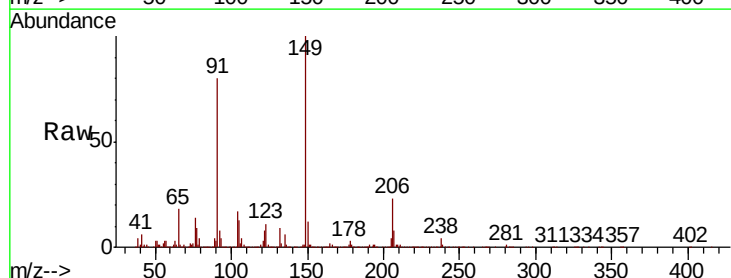
Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Tgt Ion:149 Resp: 811894

Ion	Ratio	Lower	Upper
149	100		
91	80.3	63.8	95.8
206	23.3	18.9	28.3

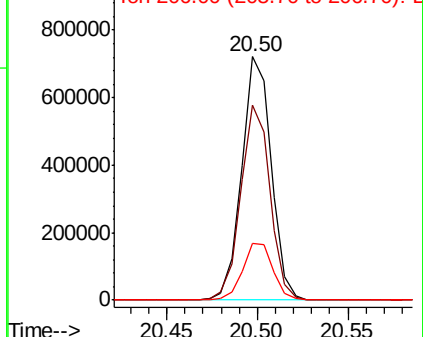


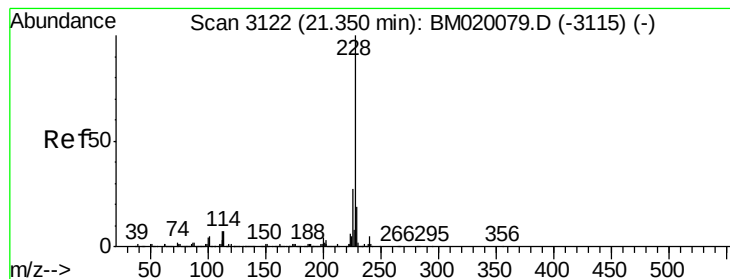
Abundance

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: 43.835 ng

RT: 21.35 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampleId :

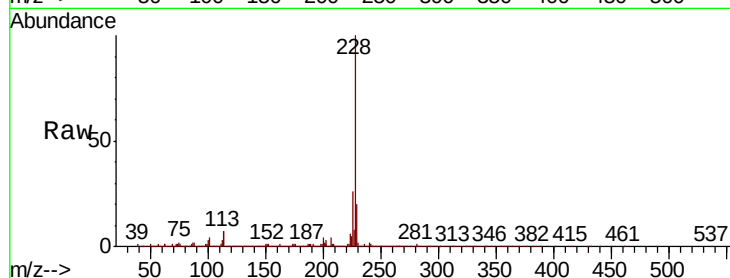
Tot Ion:228 Resp: 2088117

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.3	31.9
229	20.0	15.5	23.3

228 100

226 26.3 21.3 31.9

229 20.0 15.5 23.3

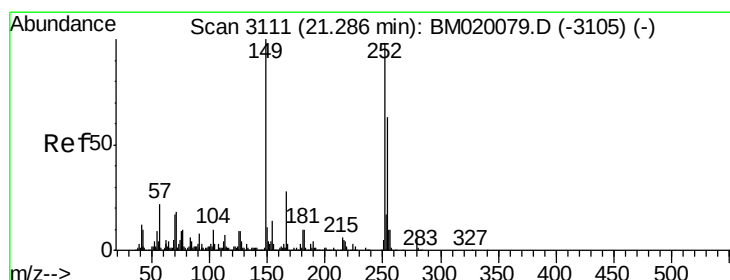
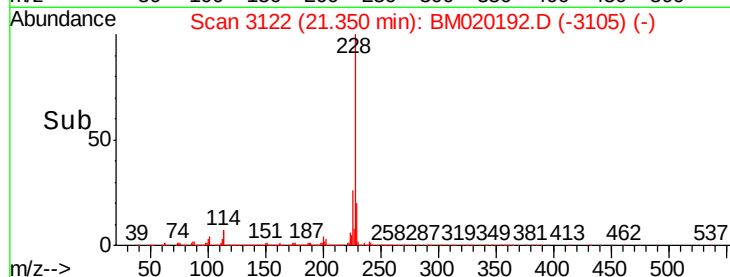
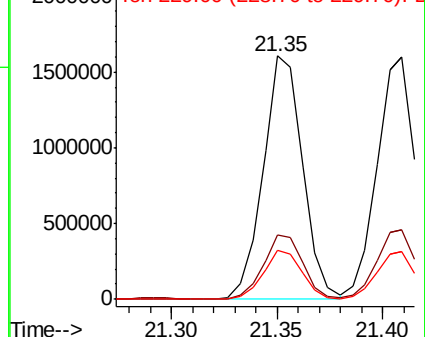


Abundance

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: 45.651 ng

RT: 21.29 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

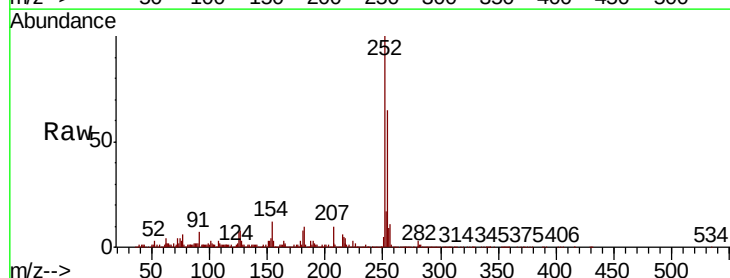
Tgt Ion:252 Resp: 829976

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.1	76.7
126	7.2	7.1	10.7

252 100

254 65.1 51.1 76.7

126 7.2 7.1 10.7

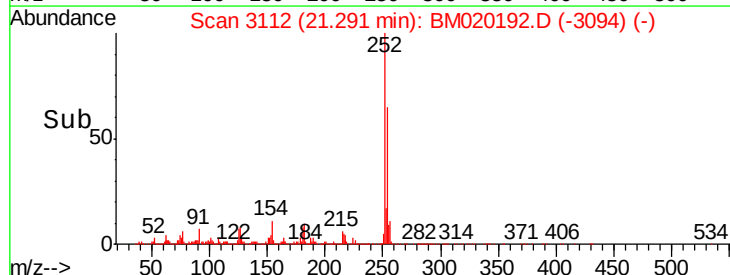
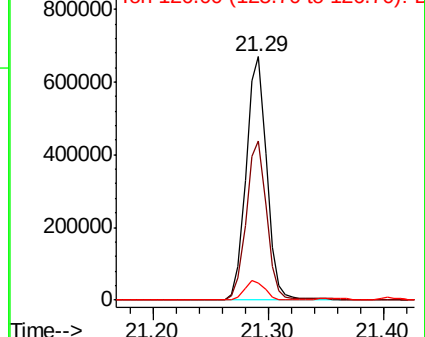


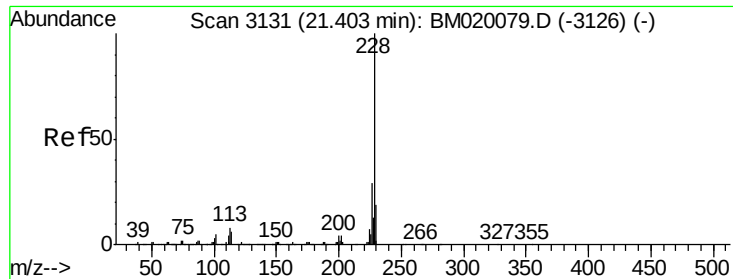
Abundance

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: 43.770 ng

RT: 21.41 min Scan# 3132

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

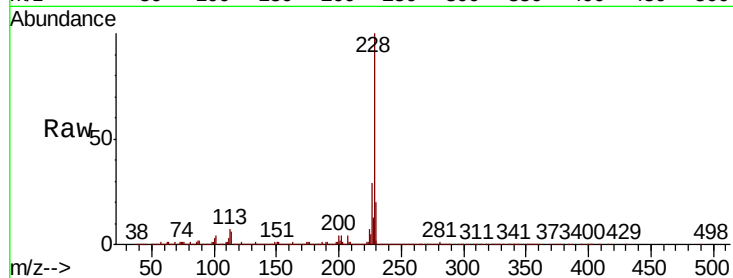
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 2022106

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	19.6	15.5	23.3

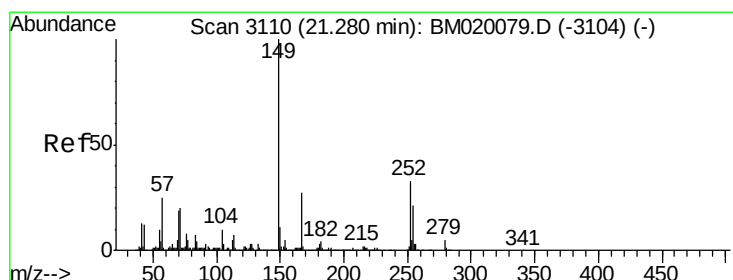
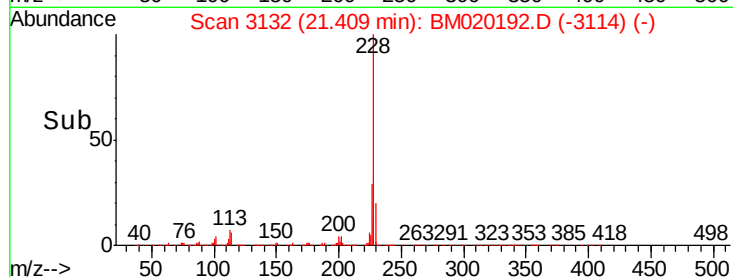
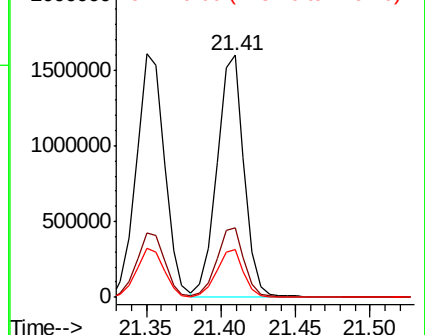


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.586 ng

RT: 21.27 min Scan# 3108

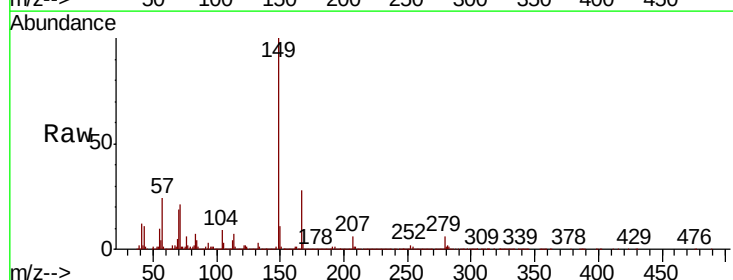
Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Tgt Ion:149 Resp: 1147371

Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.8	32.8
279	5.6	4.2	6.2

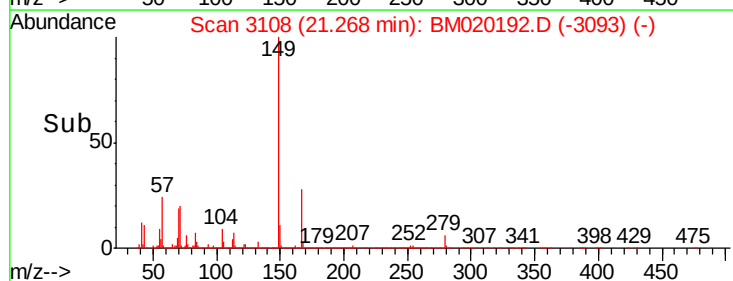
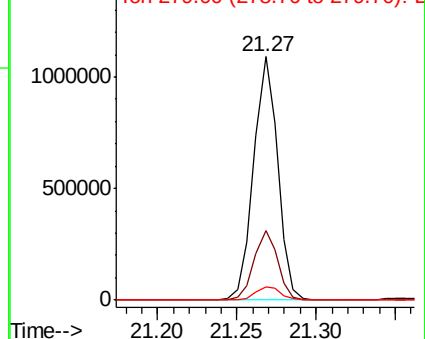


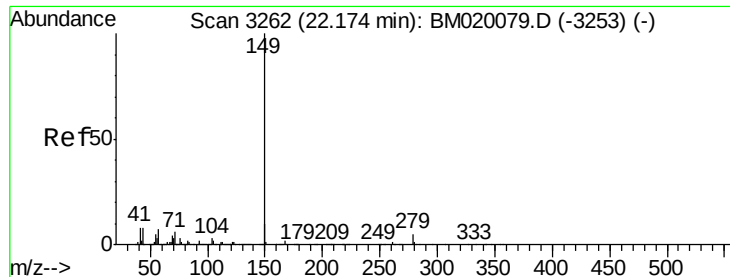
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.841 ng

RT: 22.16 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampleId :

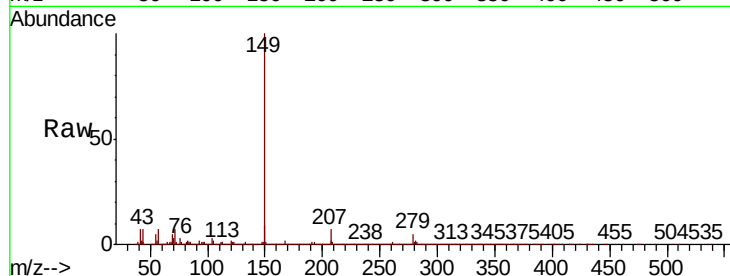
Tot Ion:149 Resp: 1960676

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

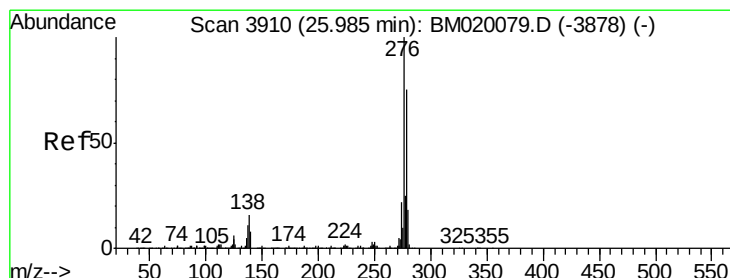
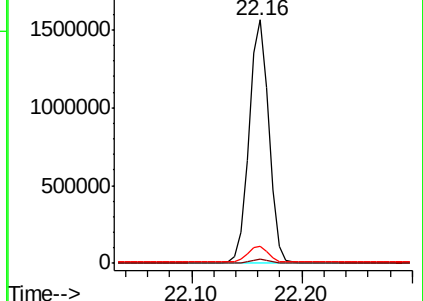
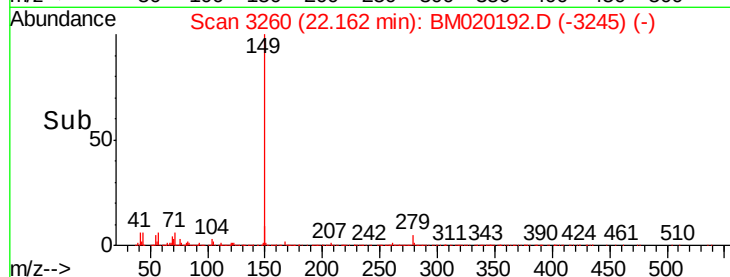
43 6.9 6.5 9.7



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: 45.140 ng

RT: 26.00 min Scan# 3912

Delta R.T. 0.01 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

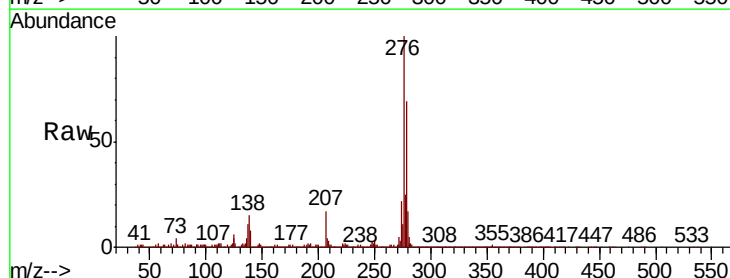
Tgt Ion:276 Resp: 2480550

Ion Ratio Lower Upper

276 100

138 15.7 0.0 0.0#

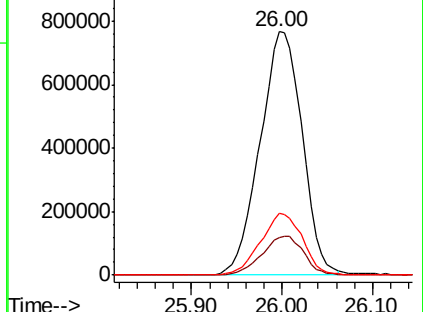
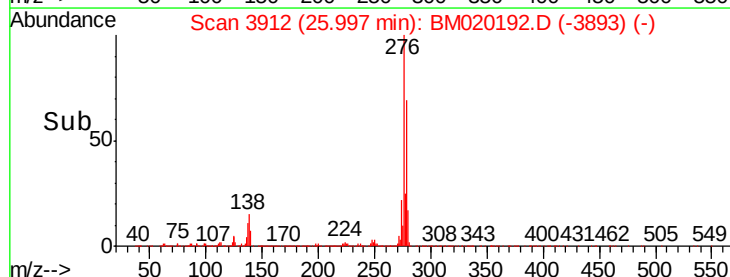
277 25.1 0.0 0.0#

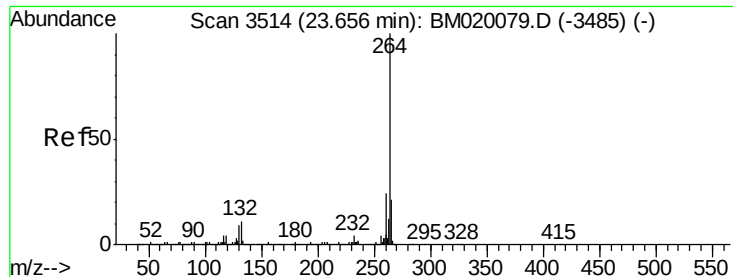


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

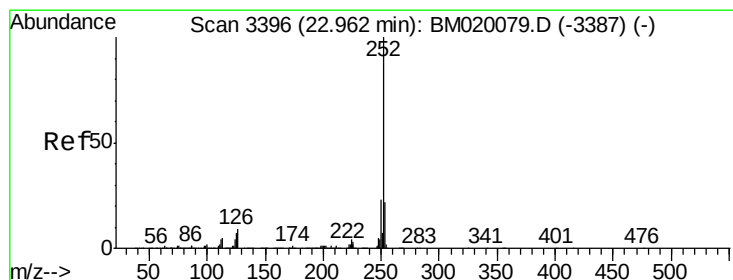
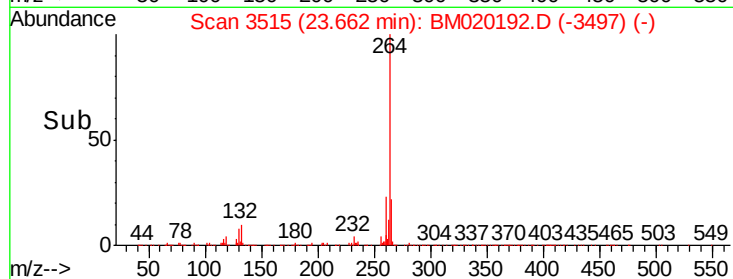
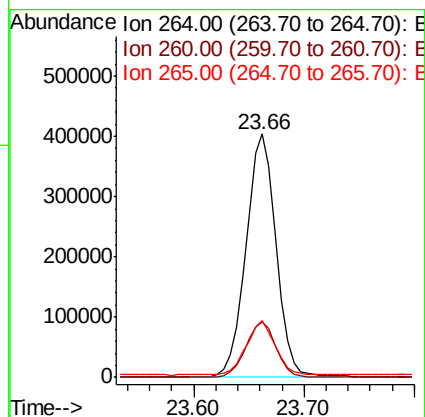
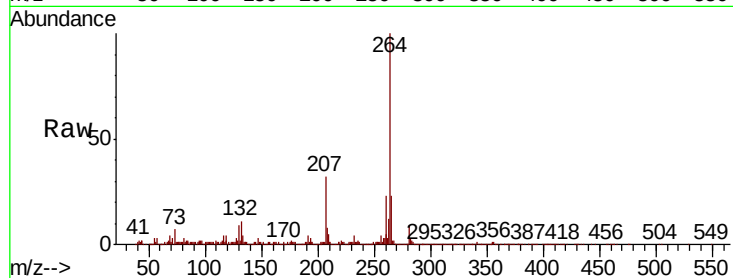




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3515
Delta R.T. 0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

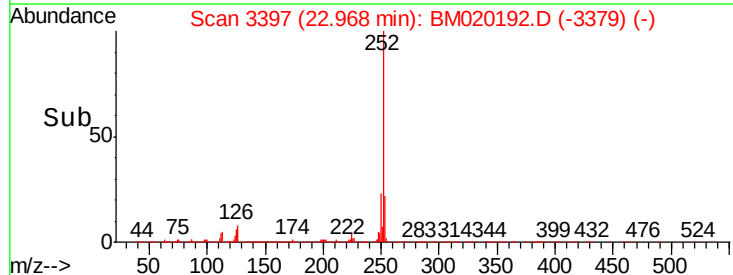
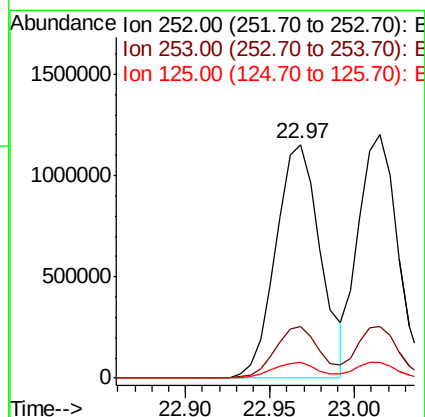
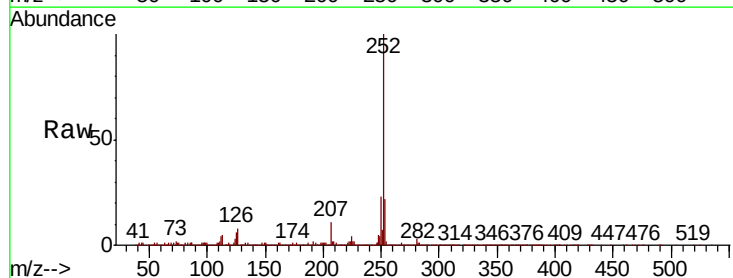
Instrument :
BNA_M
ClientSampled :

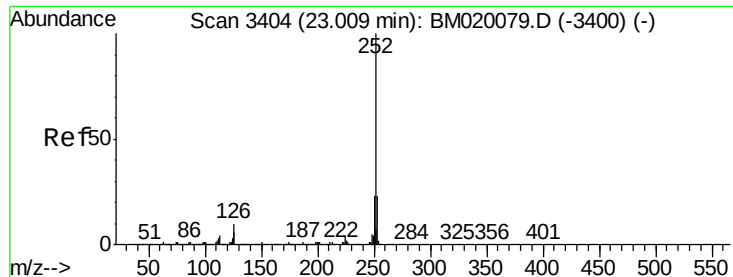
Tot Ion:264 Resp: 769914
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 23.2 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 41.545 ng
RT: 22.97 min Scan# 3397
Delta R.T. 0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Tgt Ion:252 Resp: 2112207
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 6.5 5.4 8.2

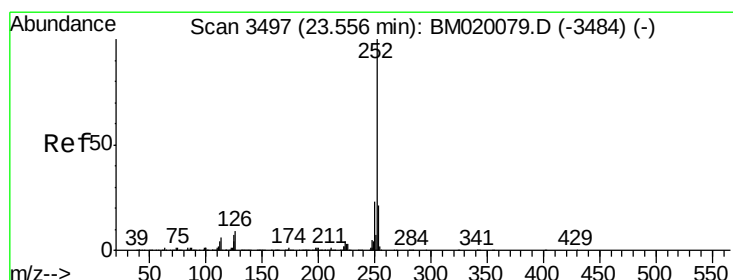
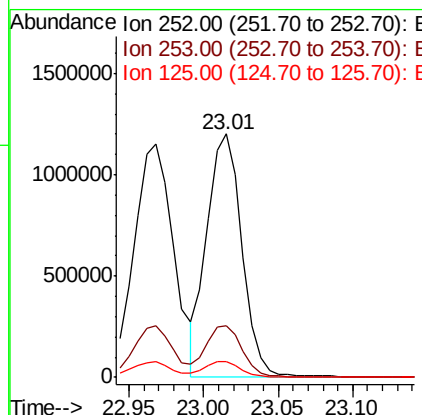
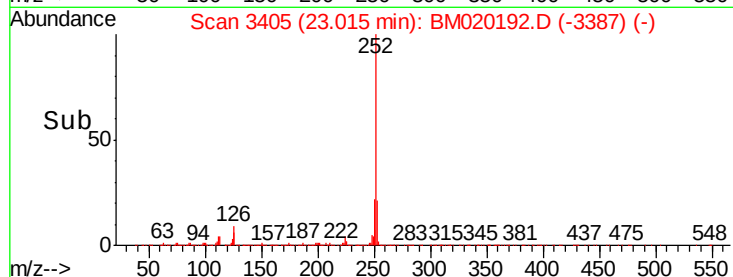
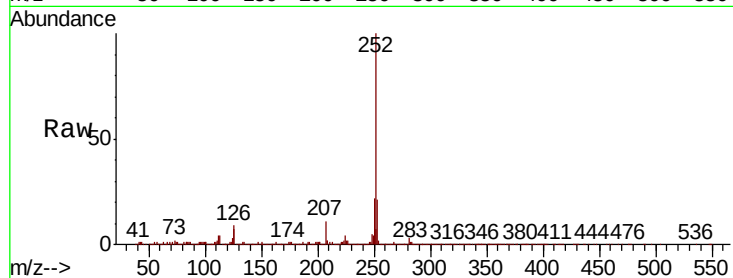




#89
Benzo(k)fluoranthene
Concen: 41.861 ng
RT: 23.01 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

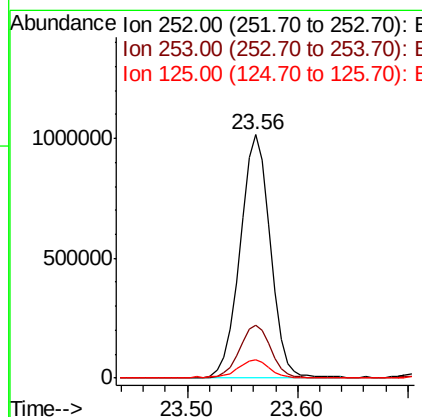
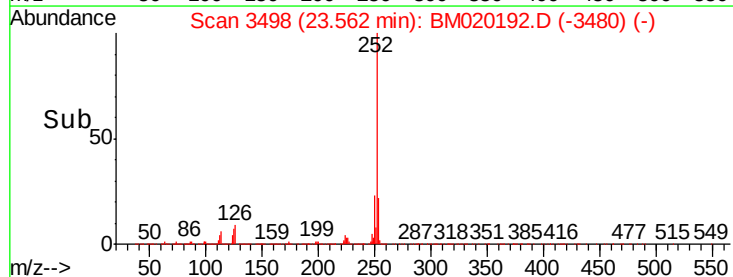
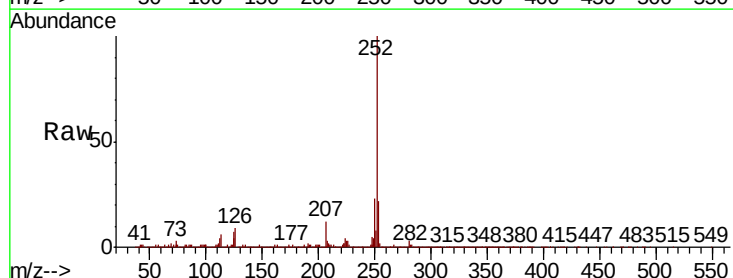
Instrument :
BNA_M
ClientSampleId :

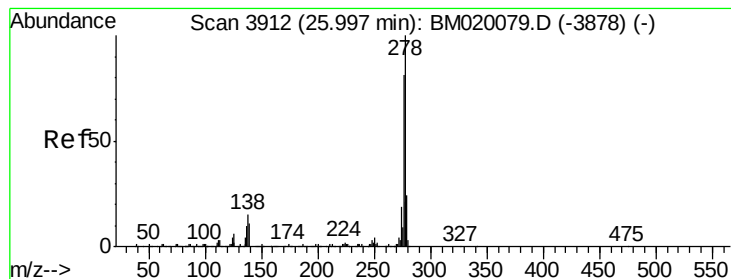
Tot Ion:252 Resp: 1941360
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 6.7 5.4 8.0



#90
Benzo(a)pyrene
Concen: 42.324 ng
RT: 23.56 min Scan# 3498
Delta R.T. 0.01 min
Lab File: BM020192.D
Acq: 08 May 2019 12:52

Tgt Ion:252 Resp: 1954528
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 7.5 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 43.153 ng

RT: 26.01 min Scan# 3915

Delta R.T. 0.02 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

Instrument :

BNA_M

ClientSampled :

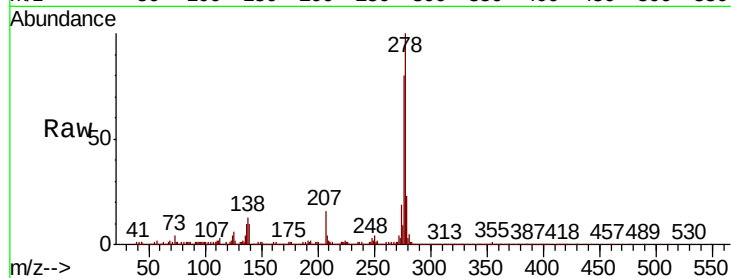
Tot Ion:278 Resp: 2072431

Ion Ratio Lower Upper

278 100

139 10.5 8.6 13.0

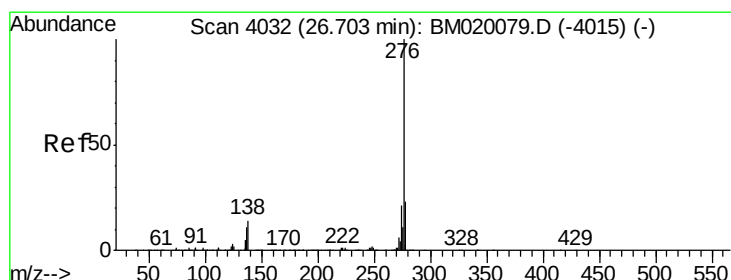
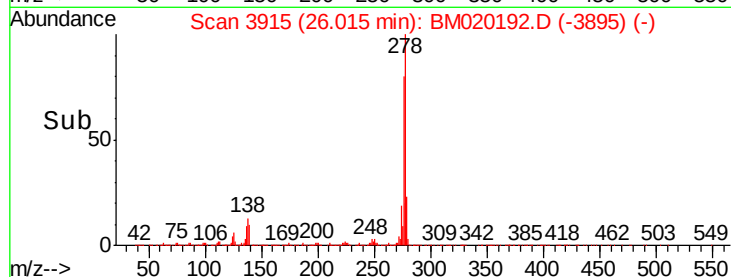
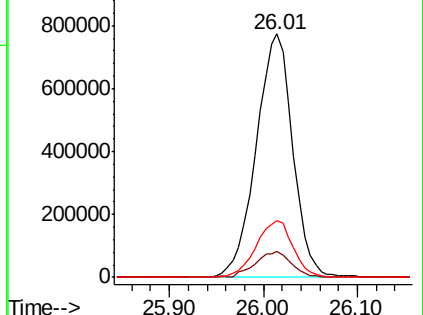
279 23.4 18.8 28.2



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: 43.567 ng

RT: 26.72 min Scan# 4035

Delta R.T. 0.02 min

Lab File: BM020192.D

Acq: 08 May 2019 12:52

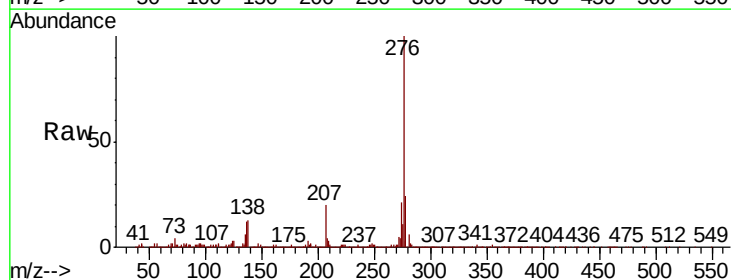
Tgt Ion:276 Resp: 1986477

Ion Ratio Lower Upper

276 100

277 23.8 18.4 27.6

138 13.4 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

