

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050619\
 Data File : BM020132.D
 Acq On : 06 May 2019 12:59
 Operator : JU/SJ
 Sample : PB119435BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

Quant Time: May 07 03:29:12 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	121074	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	439221	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	258952	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	604327	20.00	ng	0.00
76) Chrysene-d12	21.36	240	639035	20.00	ng	0.00
87) Perylene-d12	23.65	264	639450	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	999502	134.94	ng	0.00
7) Phenol-d6	6.95	99	1351478	133.56	ng	0.00
23) Nitrobenzene-d5	8.95	82	831280	74.72	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	540515	134.48	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1590763	75.58	ng	-0.01
79) Terphenyl-d14	19.80	244	2636965	71.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	129011	35.513	ng	96
3) Pyridine	3.70	79	331218	35.650	ng	99
4) n-Nitrosodimethylamine	3.62	42	115534	38.779	ng	# 88
6) Aniline	7.12	93	343460	26.964	ng	99
8) 2-Chlorophenol	7.35	128	300589	37.270	ng	98
9) Benzaldehyde	6.93	77	167090	21.817	ng	96
10) Phenol	6.97	94	415835	38.173	ng	95
11) bis(2-Chloroethyl)ether	7.22	93	320893	40.529	ng	95
12) 1,3-Dichlorobenzene	7.67	146	343043	36.557	ng	97
13) 1,4-Dichlorobenzene	7.82	146	345834	36.483	ng	95
14) 1,2-Dichlorobenzene	8.13	146	330067	36.548	ng	99
15) Benzyl Alcohol	8.03	79	347696	35.634	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.32	45	232439	35.405	ng	96
17) 2-Methylphenol	8.22	107	270083	38.515	ng	97
18) Hexachloroethane	8.86	117	139102	35.193	ng	95
19) n-Nitroso-di-n-propylamine	8.59	70	300579	34.720	ng	97
20) 3+4-Methylphenols	8.55	107	353299	37.908	ng	96
22) Acetophenone	8.61	105	486228	40.506	ng	# 97
24) Nitrobenzene	8.99	77	444479	38.533	ng	98
25) Isophorone	9.51	82	735904	38.358	ng	100
26) 2-Nitrophenol	9.70	139	149653	42.974	ng	99
27) 2,4-Dimethylphenol	9.75	122	270104	46.589	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	405780	38.835	ng	99
29) 2,4-Dichlorophenol	10.22	162	299995	41.035	ng	98
30) 1,2,4-Trichlorobenzene	10.44	180	358506	39.854	ng	97
31) Naphthalene	10.63	128	883574	38.765	ng	99
32) Benzoic acid	9.87	122	160195	40.097	ng	93
33) 4-Chloroaniline	10.75	127	246844	26.312	ng	97
34) Hexachlorobutadiene	10.90	225	238370	37.459	ng	97
35) Caprolactam	11.54	113	82647	37.808	ng	89
36) 4-Chloro-3-methylphenol	11.86	107	330552	38.476	ng	99
37) 2-Methylnaphthalene	12.25	142	653848	39.349	ng	97
38) 1-Methylnaphthalene	12.46	142	618417	38.059	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	412878	40.753	ng	99

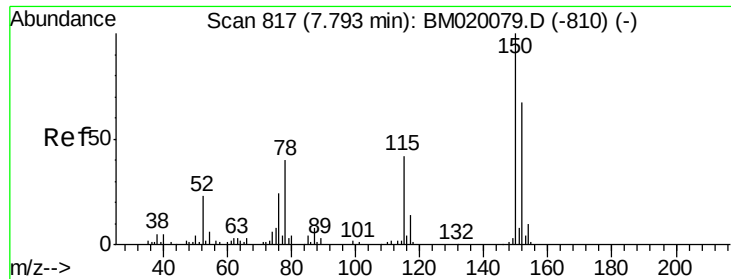
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050619\
 Data File : BM020132.D
 Acq On : 06 May 2019 12:59
 Operator : JU/SJ
 Sample : PB119435BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

Quant Time: May 07 03:29:12 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	402224	67.427	ng	99
43) 2,4,6-Trichlorophenol	12.85	196	251311	43.647	ng	97
44) 2,4,5-Trichlorophenol	12.93	196	272155	42.311	ng	97
46) 1,1'-Biphenyl	13.26	154	851427	39.946	ng	99
47) 2-Chloronaphthalene	13.30	162	681648	40.055	ng	98
48) 2-Nitroaniline	13.52	65	238647	39.390	ng	94
49) Acenaphthylene	14.15	152	1036516	38.058	ng	99
50) Dimethylphthalate	13.89	163	835222	37.949	ng	100
51) 2,6-Dinitrotoluene	14.01	165	177652	38.324	ng	97
52) Acenaphthene	14.49	154	601824	38.534	ng	99
53) 3-Nitroaniline	14.34	138	140856	32.739	ng	97
54) 2,4-Dinitrophenol	14.55	184	173956	75.457	ng	92
55) Dibenzofuran	14.83	168	1016119	38.571	ng	97
56) 4-Nitrophenol	14.64	139	297239	80.974	ng	95
57) 2,4-Dinitrotoluene	14.80	165	248806	39.500	ng	95
58) Fluorene	15.48	166	807077	37.303	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.05	232	251644	41.168	ng	99
60) Diethylphthalate	15.25	149	812196	36.629	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	469811	38.324	ng	97
62) 4-Nitroaniline	15.51	138	173937	36.634	ng	97
63) Azobenzene	15.76	77	950137	36.322	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	109638	37.753	ng	96
66) n-Nitrosodiphenylamine	15.69	169	713025	40.097	ng	98
67) 4-Bromophenyl-phenylether	16.37	248	281761	38.021	ng	96
68) Hexachlorobenzene	16.47	284	328555	38.528	ng	99
69) Atrazine	16.64	200	249291	35.872	ng	97
70) Pentachlorophenol	16.82	266	406691	83.352	ng	98
71) Phenanthrene	17.22	178	1290312	38.679	ng	100
72) Anthracene	17.31	178	1307816	39.211	ng	99
73) Carbazole	17.58	167	1139456	37.862	ng	99
74) Di-n-butylphthalate	18.14	149	1294342	35.737	ng	98
75) Fluoranthene	19.23	202	1564133	37.058	ng	100
77) Benzidine	19.43	184	782467	38.299	ng	99
78) Pyrene	19.60	202	1627141	37.925	ng	100
80) Butylbenzylphthalate	20.50	149	589368	37.775	ng	99
81) Benzo(a)anthracene	21.34	228	1665398	37.161	ng	100
82) 3,3'-Dichlorobenzidine	21.29	252	618462	36.158	ng	99
83) Chrysene	21.40	228	1659563	38.183	ng	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	857568	35.421	ng	99
85) Di-n-octyl phthalate	22.16	149	1505996	37.426	ng	98
86) Indeno(1,2,3-cd)pyrene	25.97	276	2278820	44.079	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1888086	44.714	ng	100
89) Benzo(k)fluoranthene	23.00	252	1812119	47.046	ng	99
90) Benzo(a)pyrene	23.55	252	1834435	47.828	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	1962613	49.204	ng	100
92) Benzo(g,h,i)perylene	26.69	276	1915130	50.572	ng	98

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

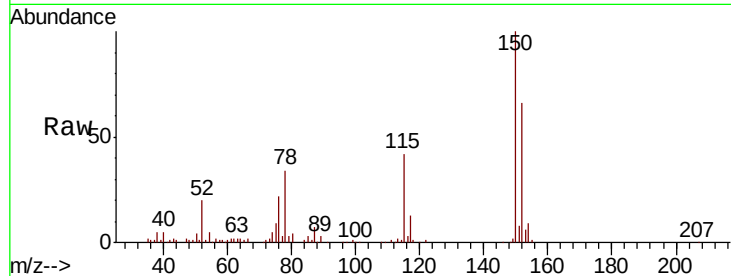


#1

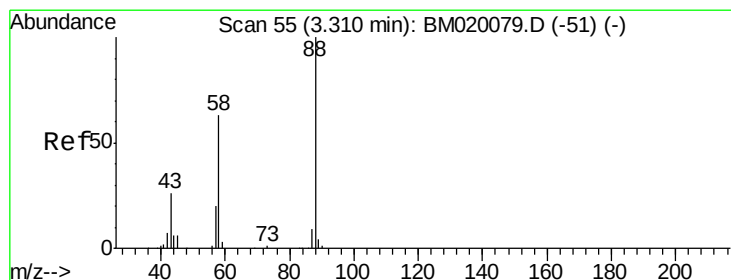
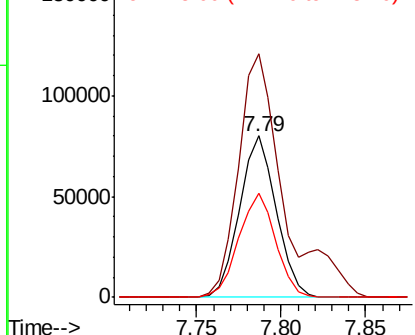
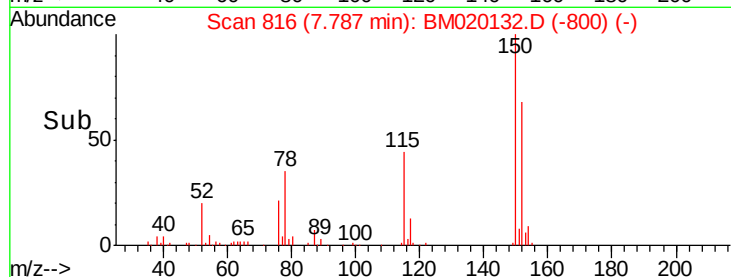
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.79 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

Tgt Ion:152 Resp: 121074
 Ion Ratio Lower Upper
 152 100
 150 151.0 119.8 179.8
 115 64.2 50.8 76.2



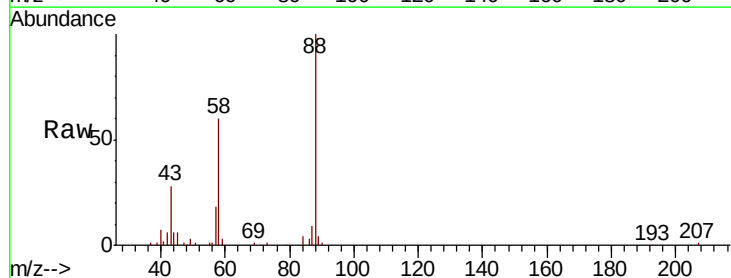
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



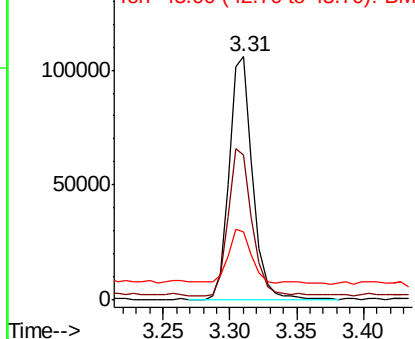
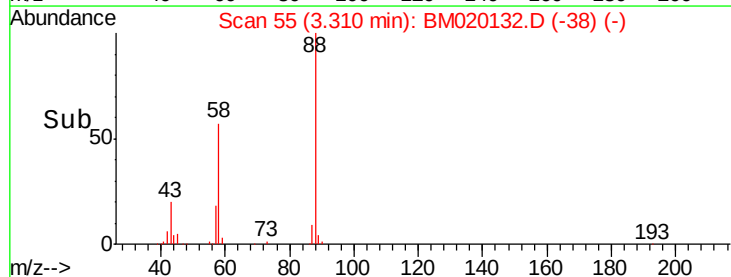
#2

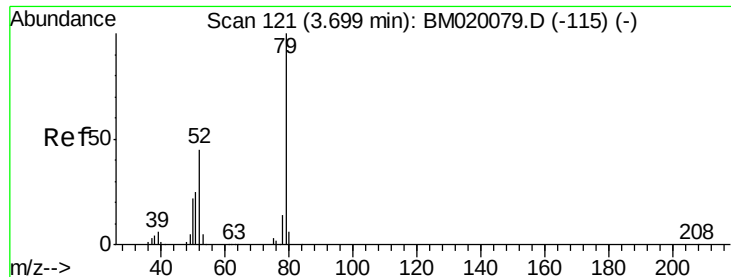
1,4-Dioxane
 Concen: 35.513 ng
 RT: 3.31 min Scan# 55
 Delta R.T. -0.00 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion: 88 Resp: 129011
 Ion Ratio Lower Upper
 88 100
 58 62.2 51.8 77.6
 43 22.3 20.3 30.5



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





#3

Pyridine

Concen: 35.650 ng

RT: 3.70 min Scan# 121

Delta R.T. -0.00 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

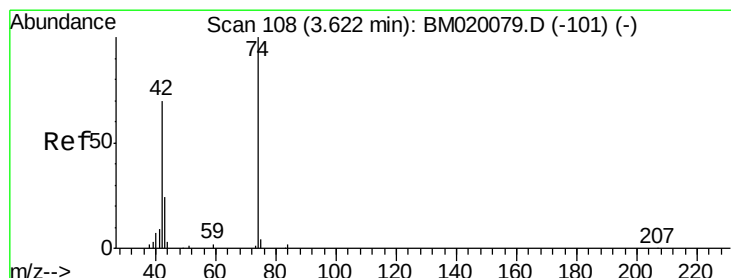
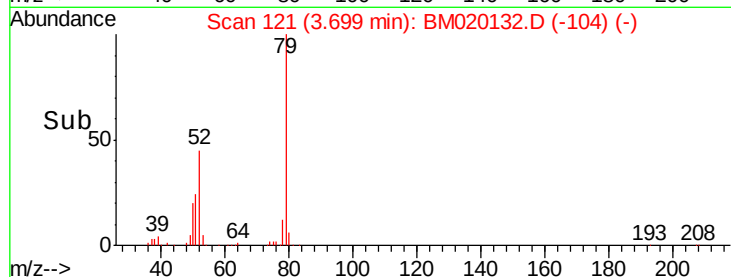
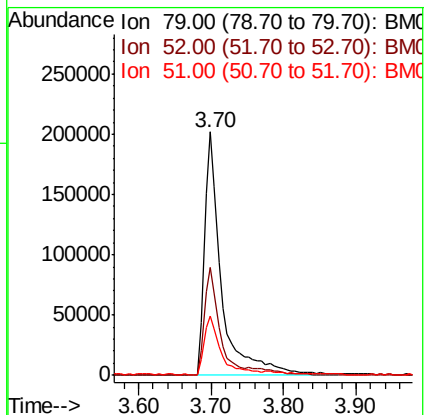
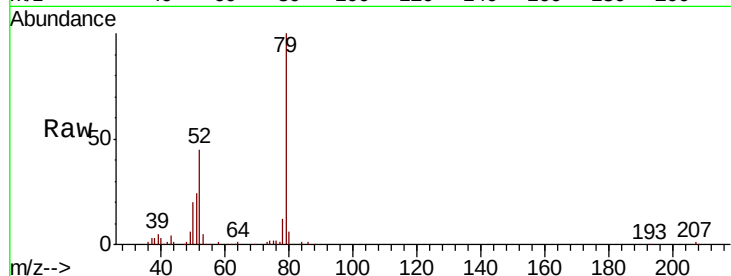
Tgt Ion: 79 Resp: 331218

Ion Ratio Lower Upper

79 100

52 44.5 35.7 53.5

51 24.4 20.8 31.2



#4

n-Nitrosodimethylamine

Concen: 38.779 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

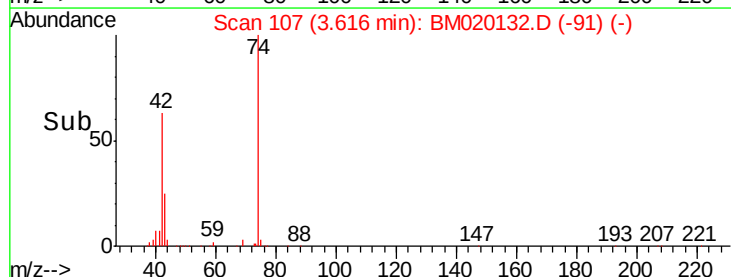
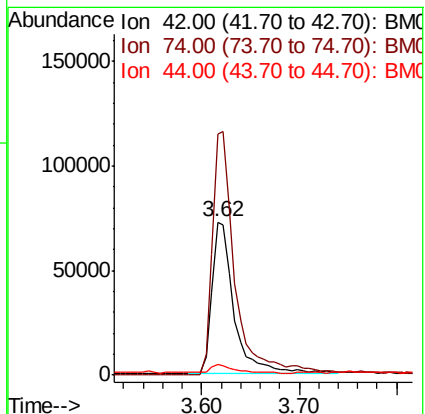
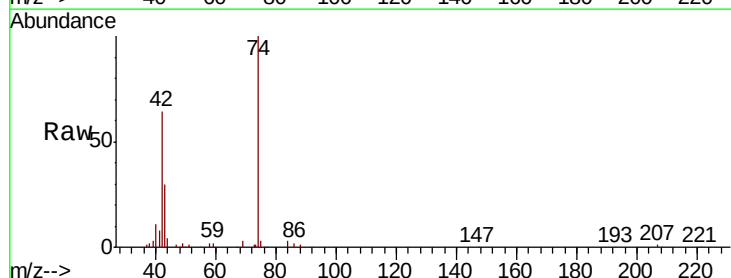
Tgt Ion: 42 Resp: 115534

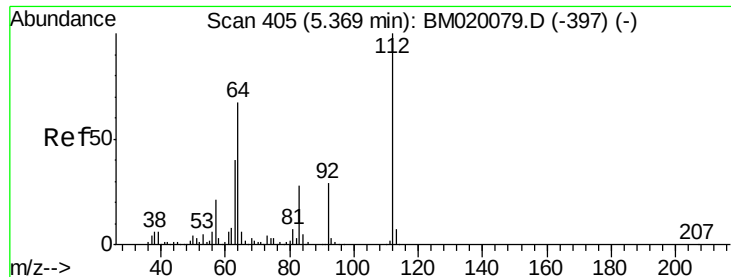
Ion Ratio Lower Upper

42 100

74 157.2 113.7 170.5

44 6.8 3.9 5.9#





#5

2-Fluorophenol

Concen: 134.940 ng

RT: 5.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

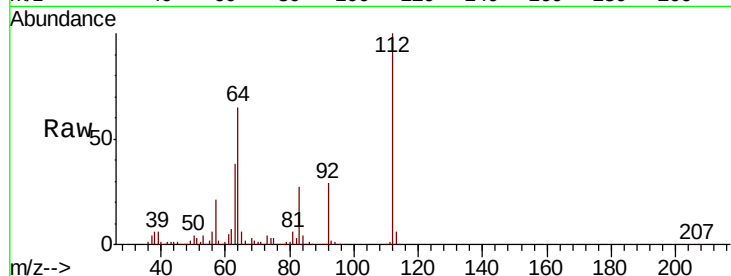
Tgt Ion: 112 Resp: 999502

Ion Ratio Lower Upper

112 100

64 65.3 53.8 80.6

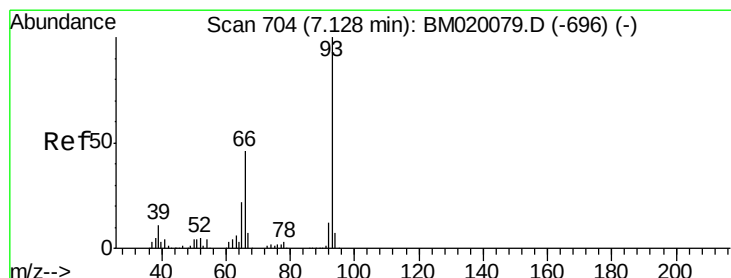
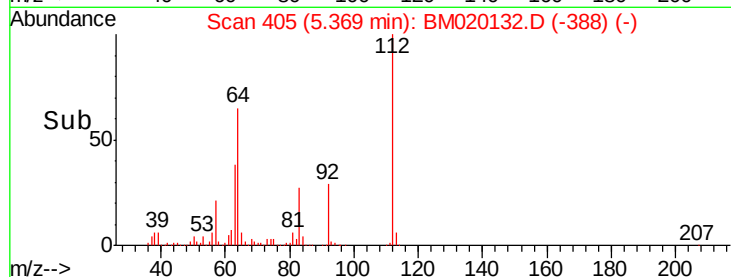
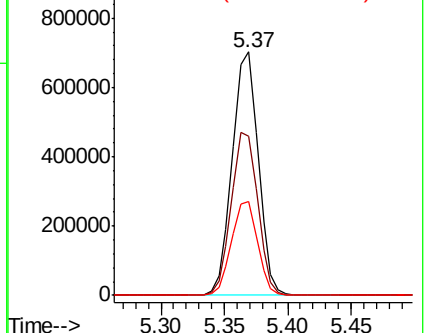
63 38.5 32.3 48.5



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: 26.964 ng

RT: 7.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

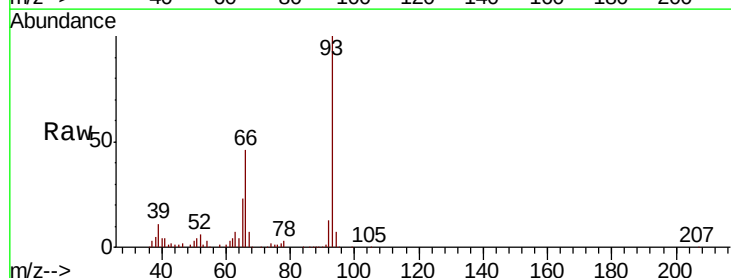
Tgt Ion: 93 Resp: 343460

Ion Ratio Lower Upper

93 100

66 46.2 36.6 54.8

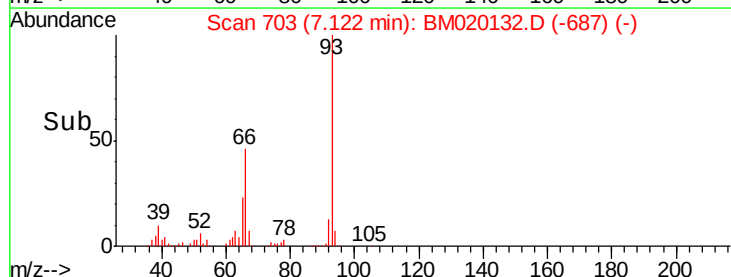
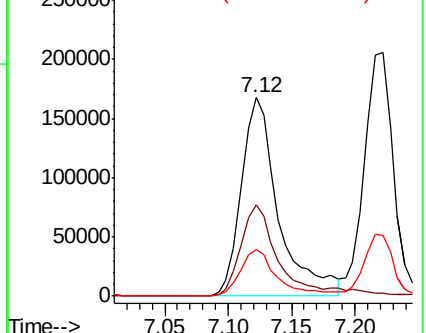
65 23.3 17.8 26.6

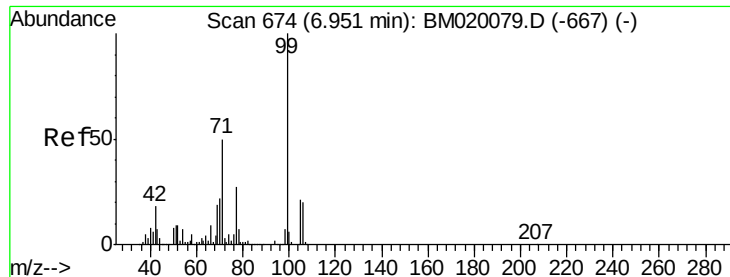


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 133.559 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

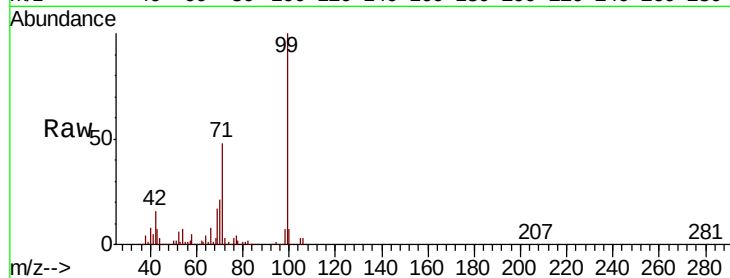
Tgt Ion: 99 Resp: 1351478

Ion Ratio Lower Upper

99 100

42 15.6 14.2 21.2

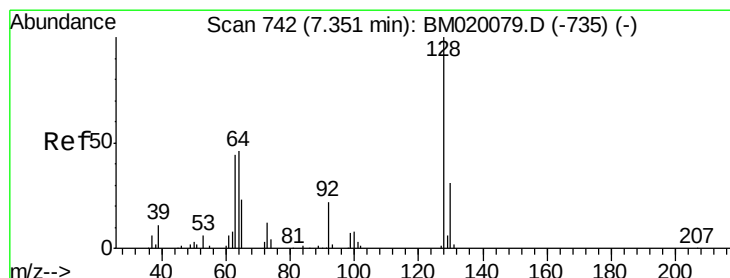
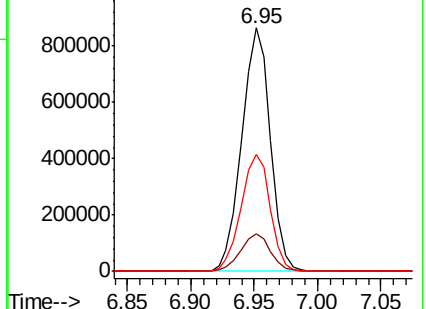
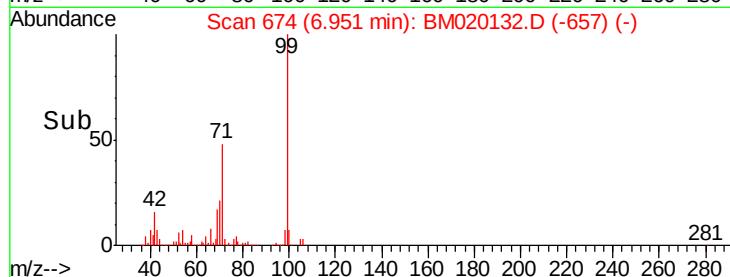
71 48.0 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020132.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020132.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020132.D (-657) (-)



#8

2-Chlorophenol

Concen: 37.270 ng

RT: 7.35 min Scan# 742

Delta R.T. -0.00 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

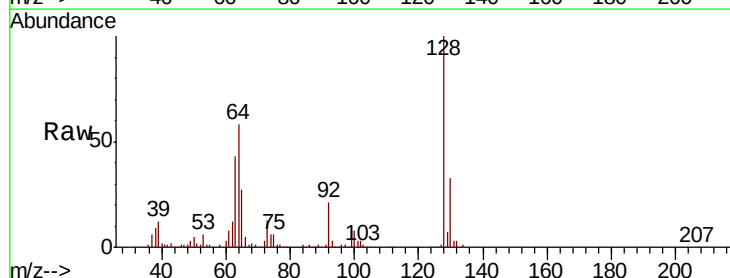
Tgt Ion: 128 Resp: 300589

Ion Ratio Lower Upper

128 100

130 33.1 10.8 50.8

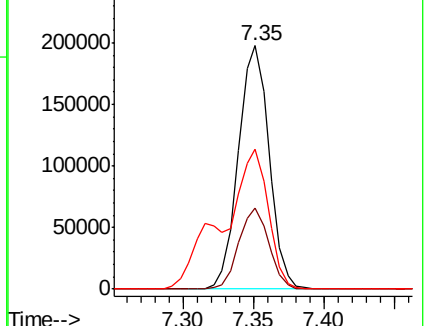
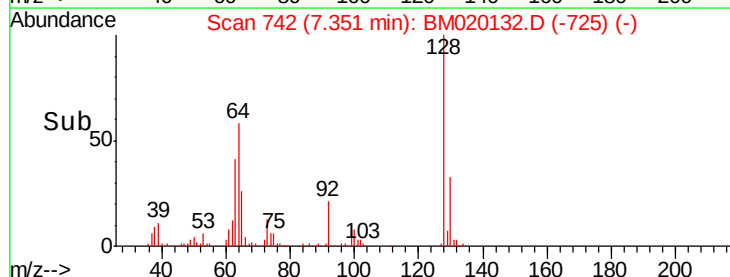
64 57.5 36.5 76.5

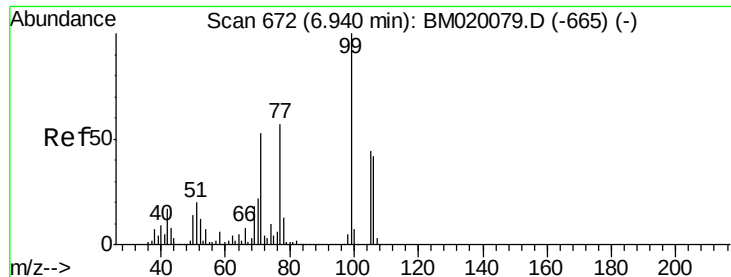


Abundance Ion 128.00 (127.70 to 128.70): BM020132.D (-725) (-)

Ion 130.00 (129.70 to 130.70): BM020132.D (-725) (-)

Ion 64.00 (63.70 to 64.70): BM020132.D (-725) (-)





#9

Benzaldehyde

Concen: 21.817 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

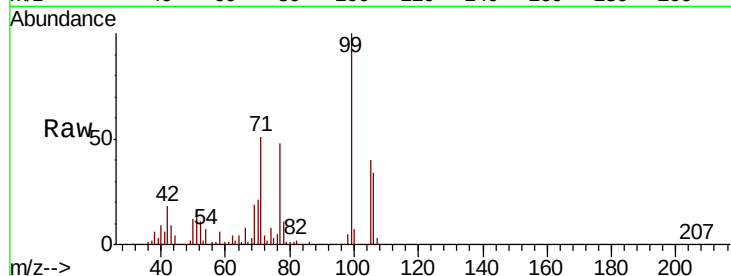
Tgt Ion: 77 Resp: 167090

Ion Ratio Lower Upper

77 100

105 82.9 57.8 97.8

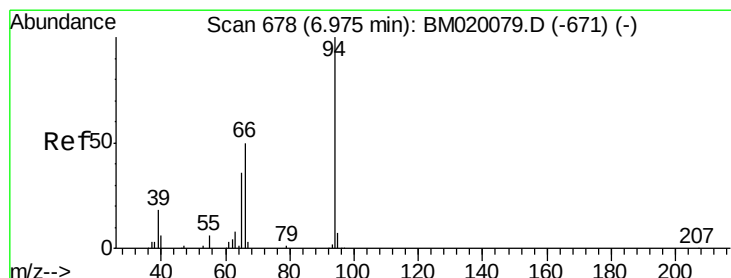
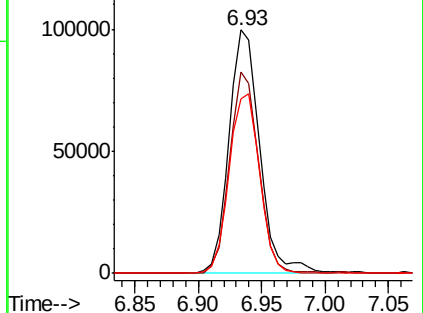
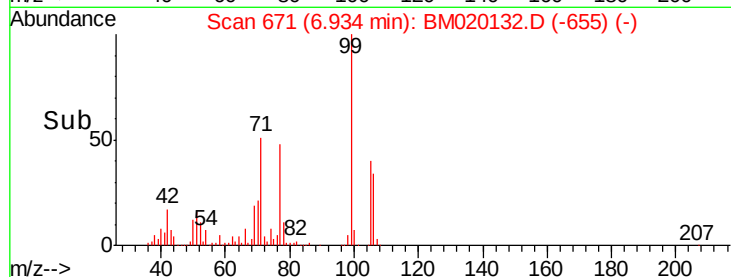
106 71.5 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020132.D (-655) (-)

Ion 105.00 (104.70 to 105.70): BM020132.D (-655) (-)

Ion 106.00 (105.70 to 106.70): BM020132.D (-655) (-)



#10

Phenol

Concen: 38.173 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.00 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

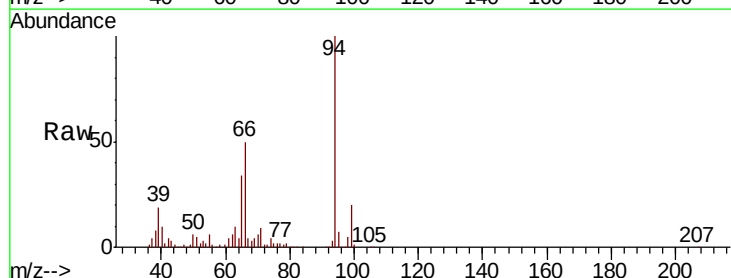
Tgt Ion: 94 Resp: 415835

Ion Ratio Lower Upper

94 100

65 34.1 17.0 57.0

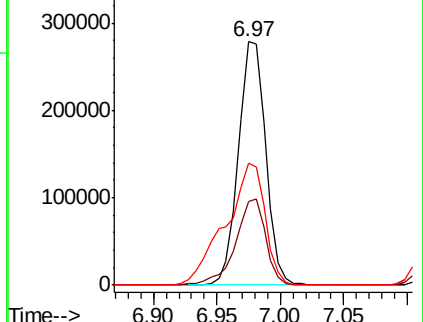
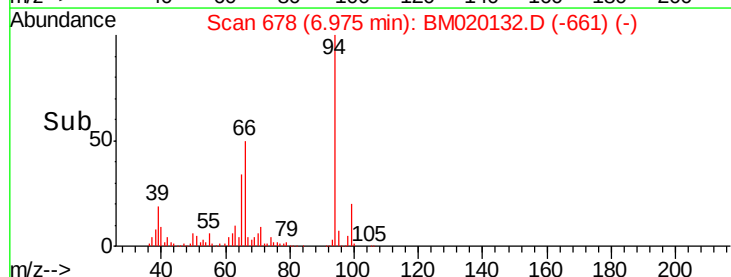
66 50.3 34.5 74.5

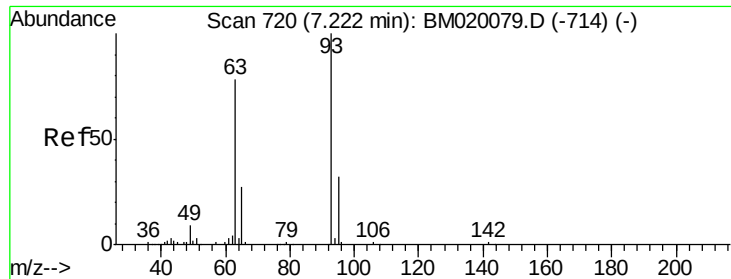


Abundance Ion 94.00 (93.70 to 94.70): BM020132.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020132.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020132.D (-661) (-)

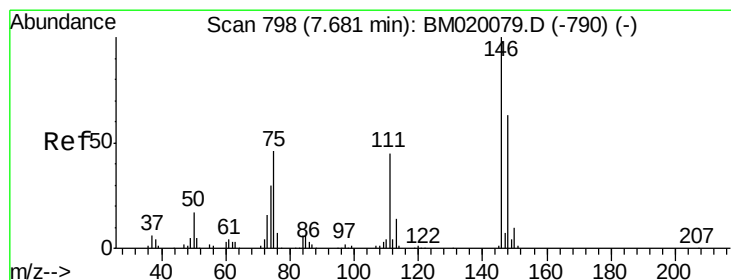
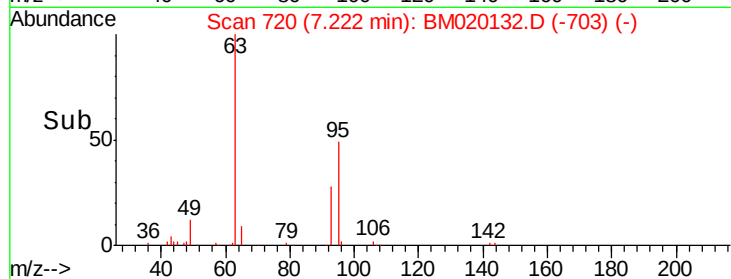
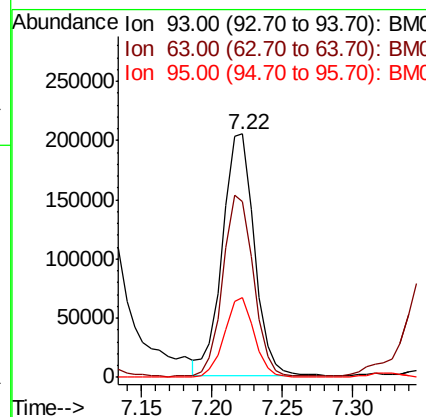
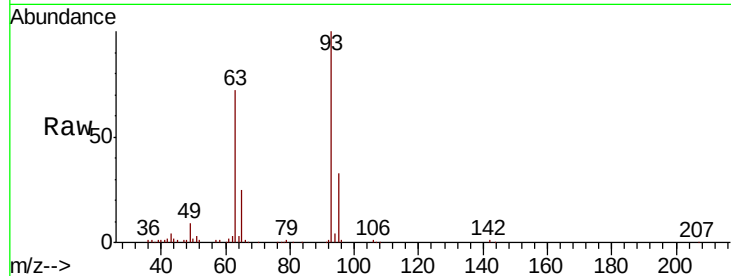




#11
bis(2-Chloroethyl)ether
Concen: 40.529 ng
RT: 7.22 min Scan# 720
Delta R.T. -0.00 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

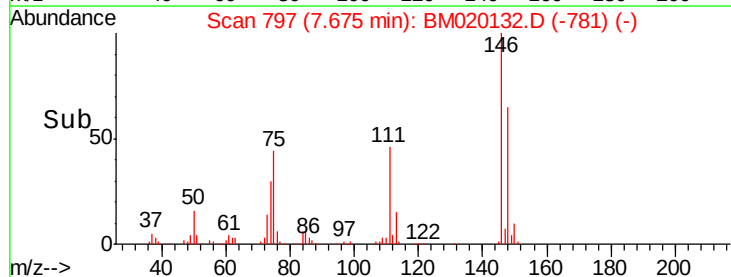
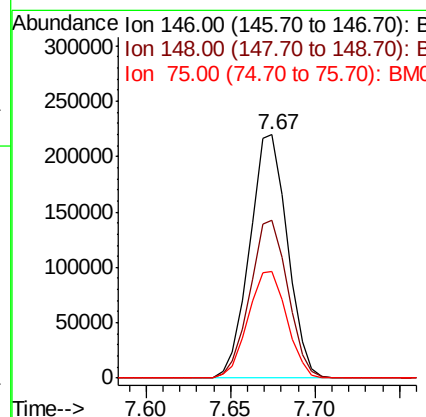
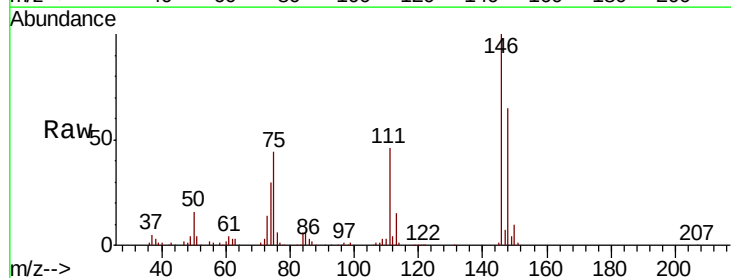
Instrument :
BNA_M
ClientSampleId :
PB119435BS

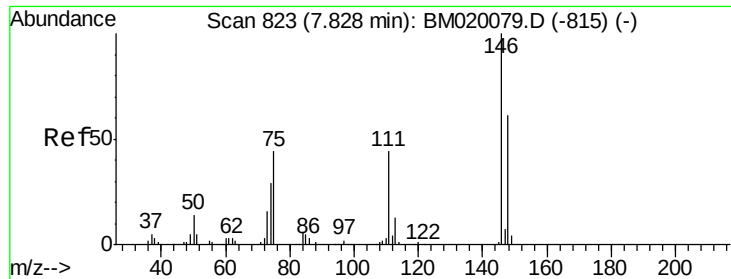
Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.0	57.9	97.9
95	32.6	11.3	51.3



#12
1,3-Dichlorobenzene
Concen: 36.557 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.1	75.1
75	43.8	37.2	55.8

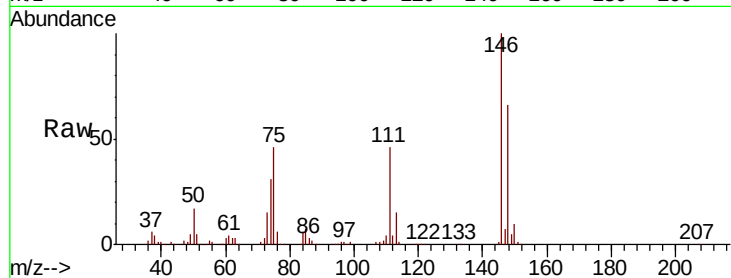




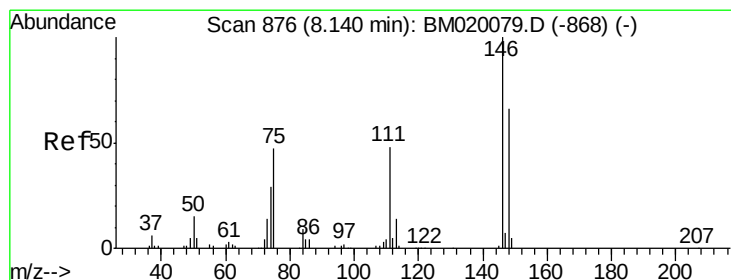
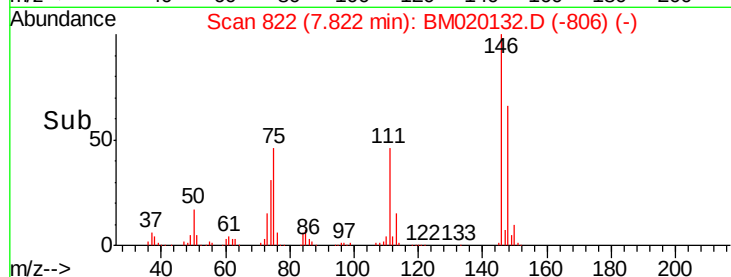
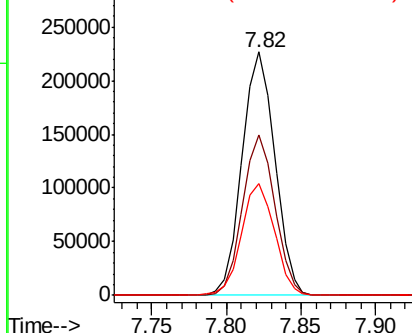
#13
 1,4-Dichlorobenzene
 Concen: 36.483 ng
 RT: 7.82 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

Tgt Ion:146 Resp: 345834
 Ion Ratio Lower Upper
 146 100
 148 66.0 48.5 72.7
 111 45.9 35.7 53.5

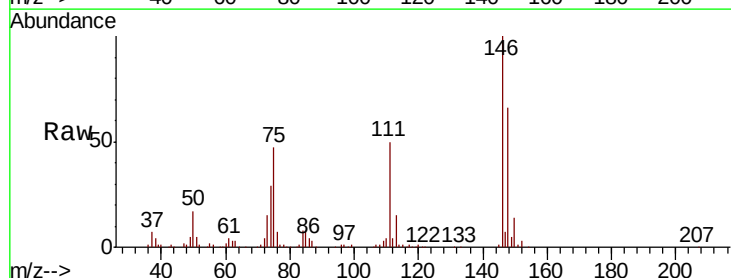


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

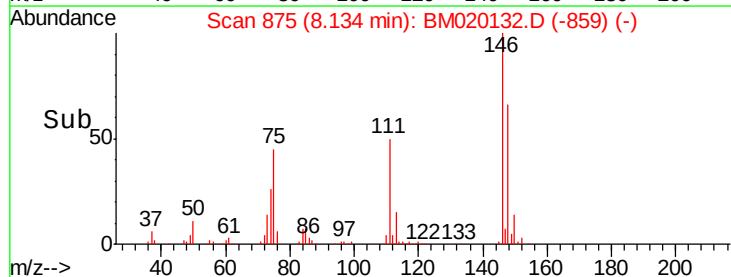
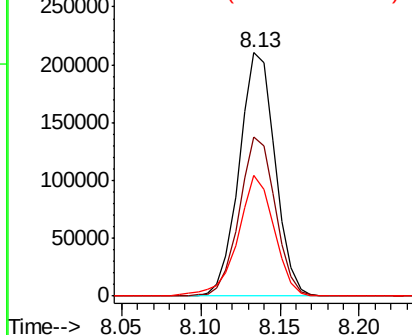


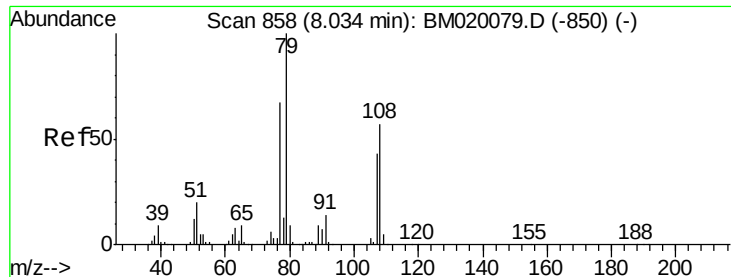
#14
 1,2-Dichlorobenzene
 Concen: 36.548 ng
 RT: 8.13 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion:146 Resp: 330067
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.6 79.0
 111 49.5 39.0 58.4



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

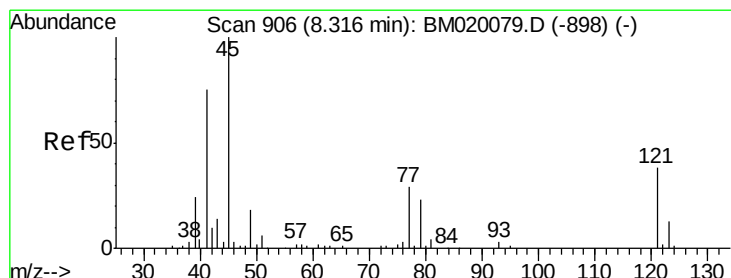
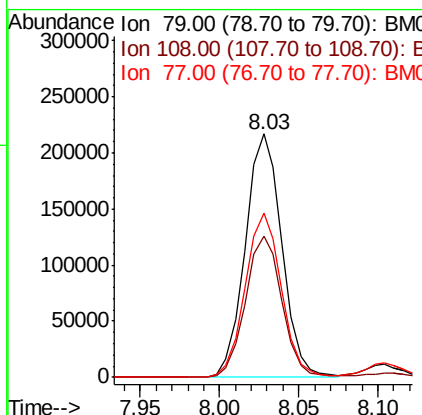
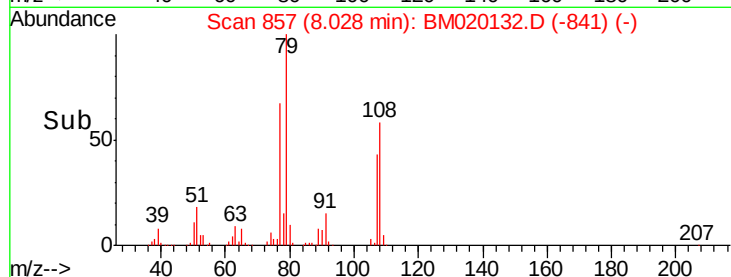
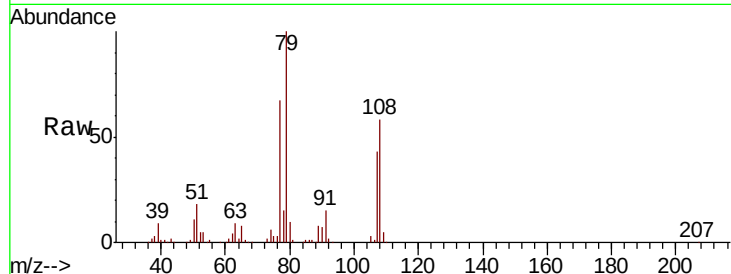




#15
Benzyl Alcohol
Concen: 35.634 ng
RT: 8.03 min Scan# 857
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

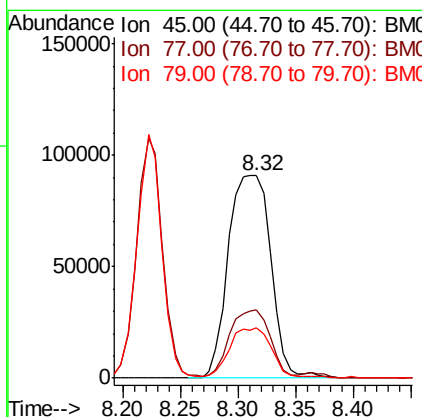
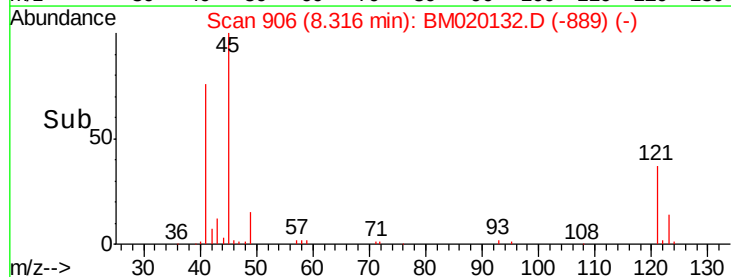
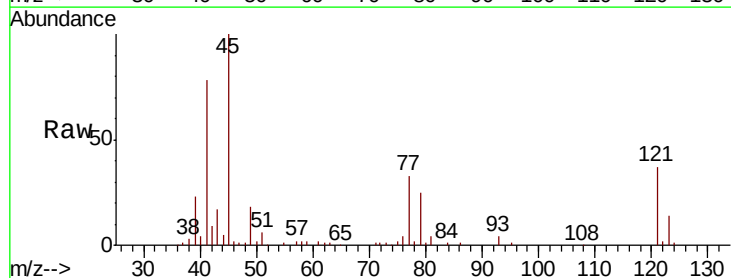
Instrument :
BNA_M
ClientSampleId :
PB119435BS

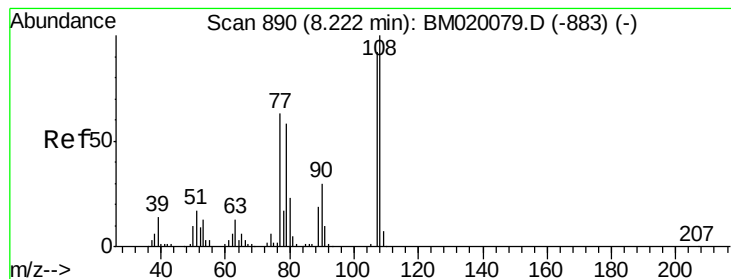
Tgt Ion	Ratio	Lower	Upper
79	100		
108	57.9	46.0	69.0
77	67.4	53.8	80.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.405 ng
RT: 8.32 min Scan# 906
Delta R.T. -0.00 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	33.4	10.5	50.5
79	24.8	3.3	43.3





#17

2-Methylphenol

Concen: 38.515 ng

RT: 8.22 min Scan# 890

Delta R.T. -0.00 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

Tgt Ion:107 Resp: 270083

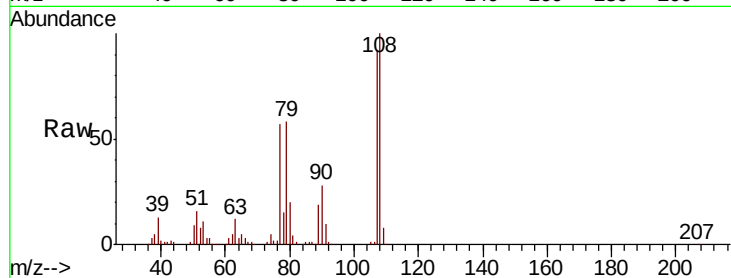
Ion Ratio Lower Upper

107 100

108 108.5 87.0 130.4

77 61.4 54.7 82.1

79 62.5 50.1 75.1



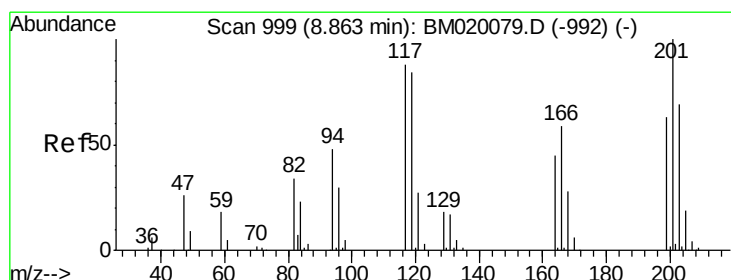
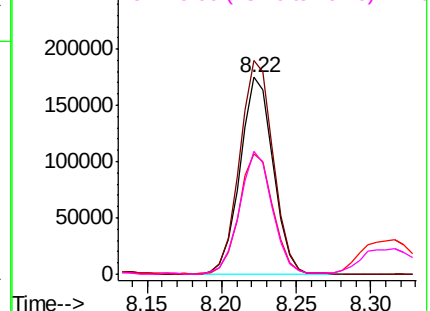
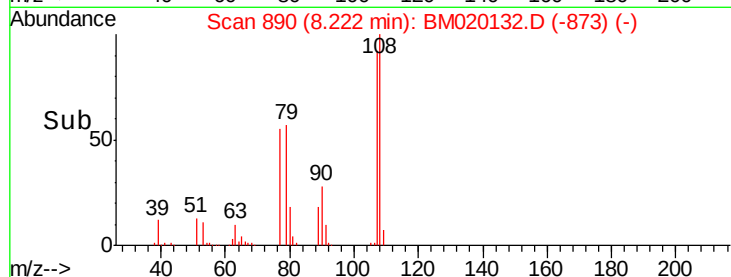
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 35.193 ng

RT: 8.86 min Scan# 998

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

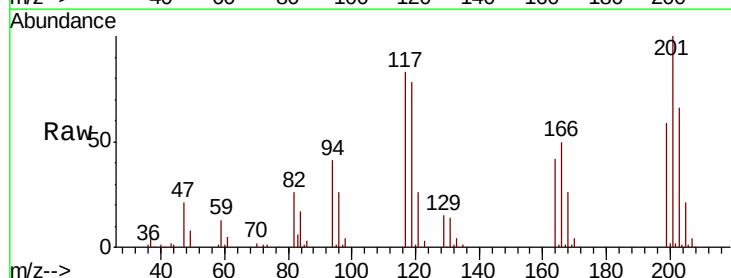
Tgt Ion:117 Resp: 139102

Ion Ratio Lower Upper

117 100

119 94.2 76.6 114.8

201 121.2 90.7 136.1

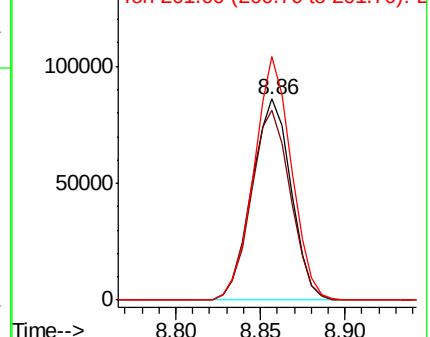
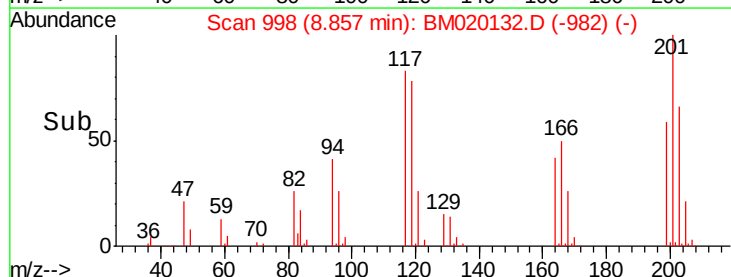


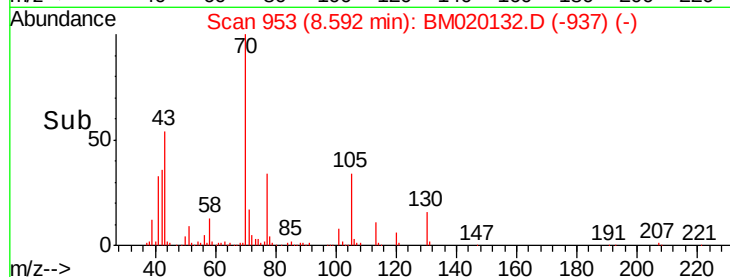
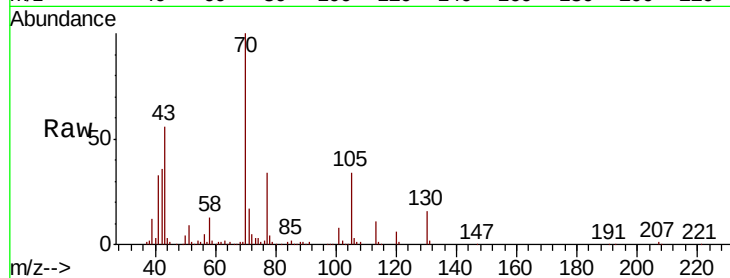
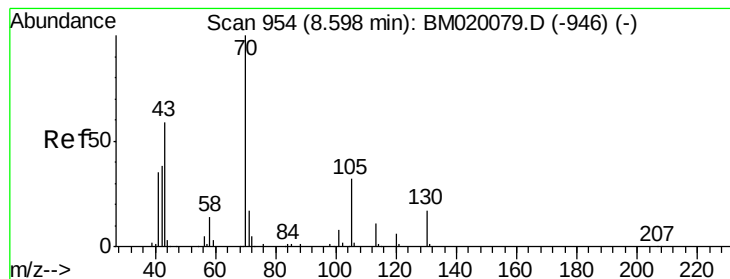
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 34.720 ng

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

Tgt Ion: 70 Resp: 300579

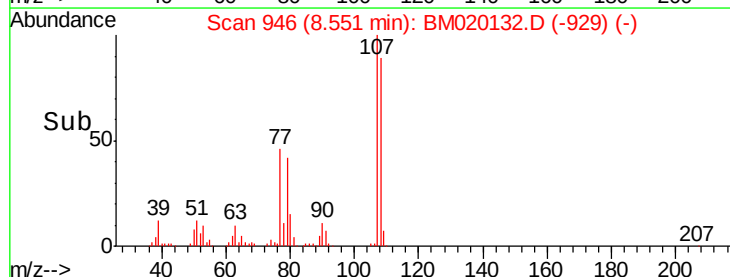
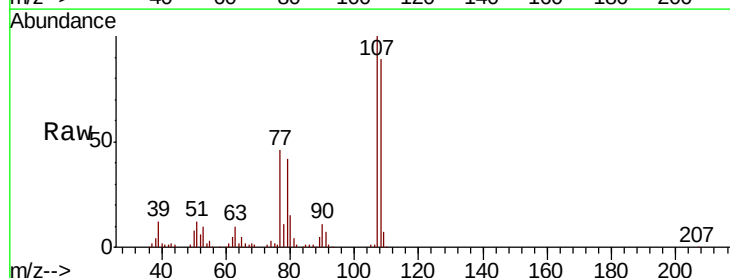
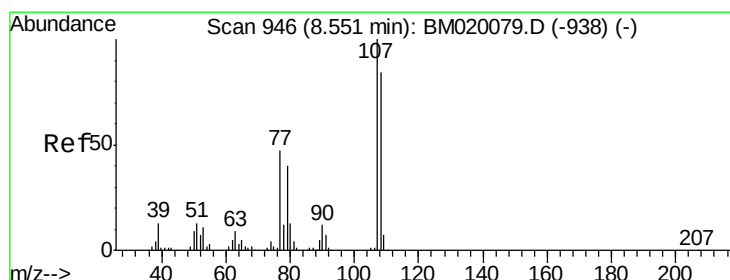
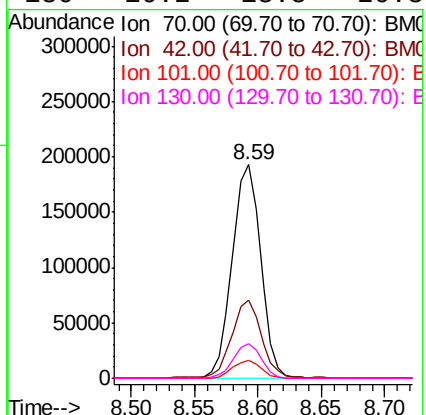
Ion Ratio Lower Upper

70 100

42 36.4 31.0 46.4

101 8.5 6.2 9.2

130 16.2 13.5 20.3



#20

3+4-Methylphenols

Concen: 37.908 ng

RT: 8.55 min Scan# 946

Delta R.T. -0.00 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Tgt Ion: 107 Resp: 353299

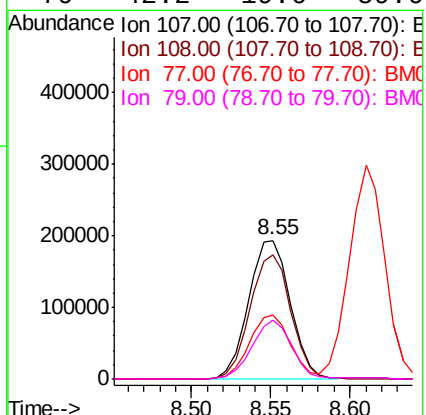
Ion Ratio Lower Upper

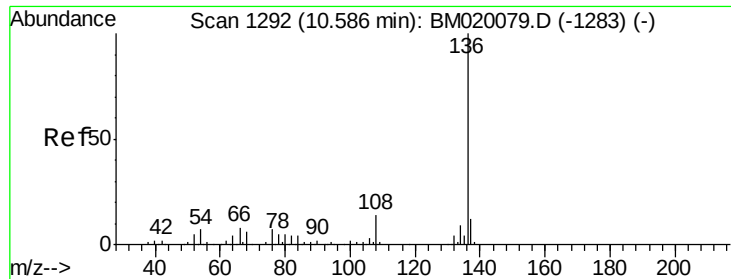
107 100

108 89.2 64.4 104.4

77 45.9 27.2 67.2

79 42.2 19.6 59.6

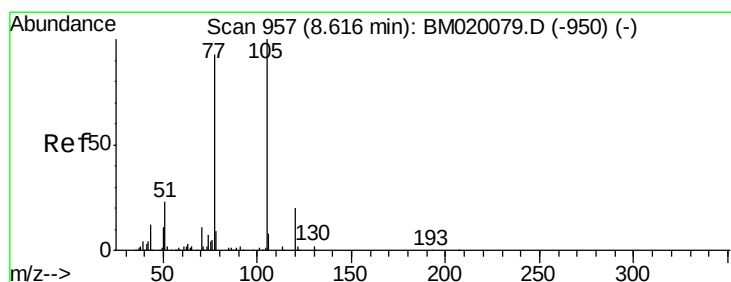
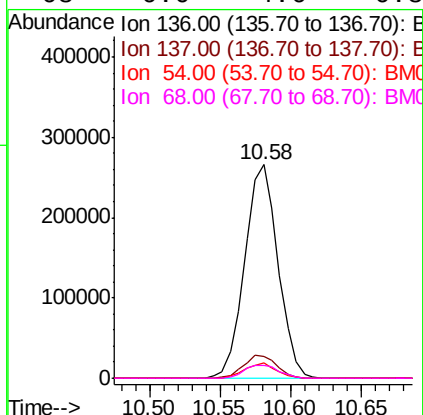
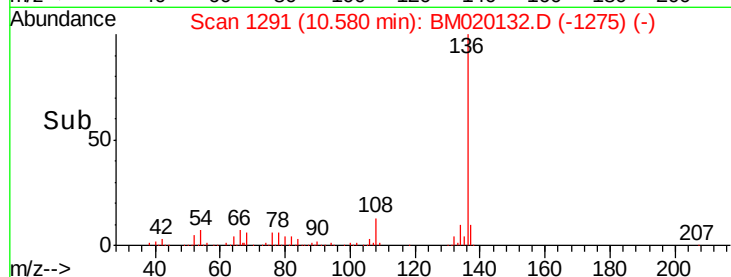
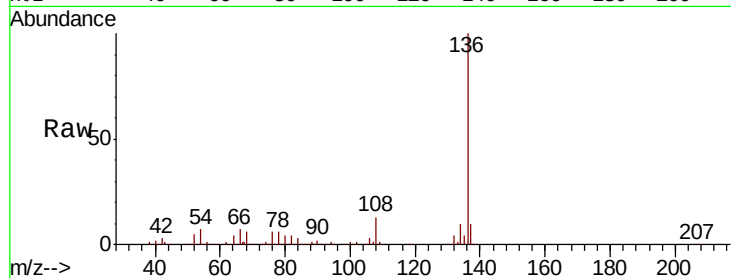




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

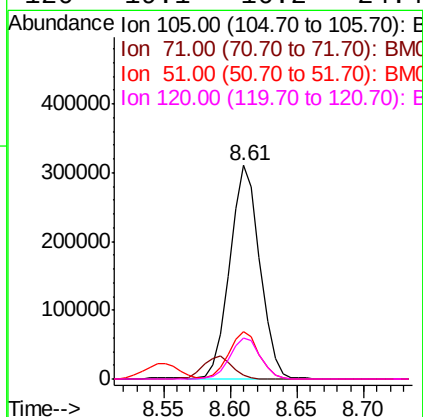
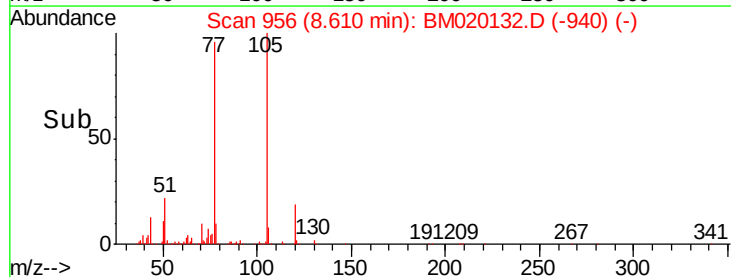
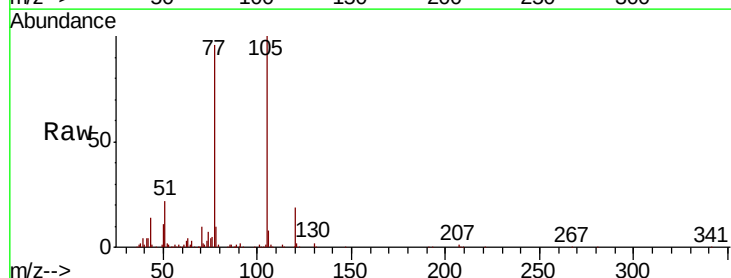
Instrument :
BNA_M
ClientSampleId :
PB119435BS

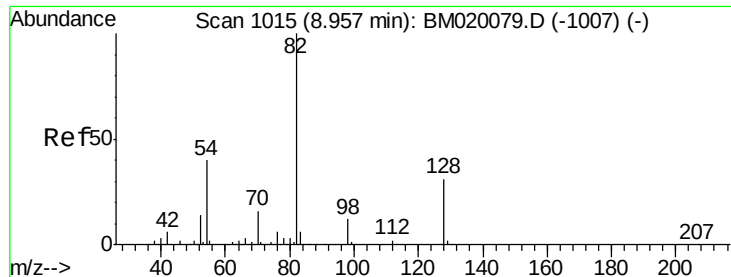
Tgt Ion:	136	Resp:	439221
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.6	14.4
54	6.9	5.5	8.3
68	6.0	4.6	6.8



#22
Acetophenone
Concen: 40.506 ng
RT: 8.61 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion:	105	Resp:	486228
Ion	Ratio	Lower	Upper
105	100		
71	1.8	2.2	3.2#
51	22.1	19.3	28.9
120	19.1	16.2	24.4

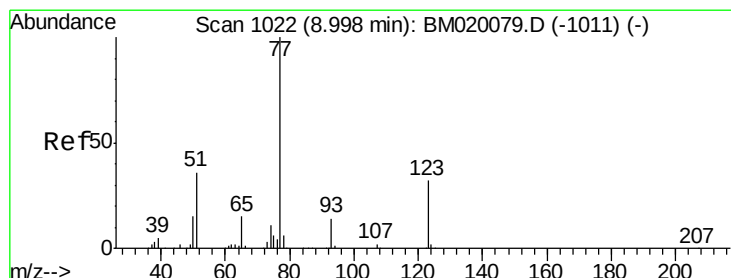
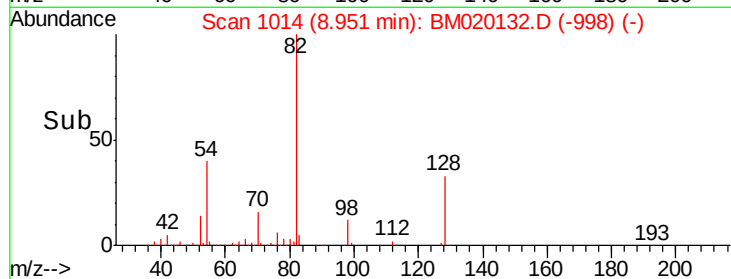
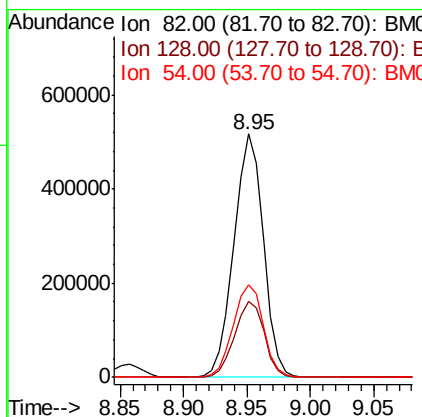
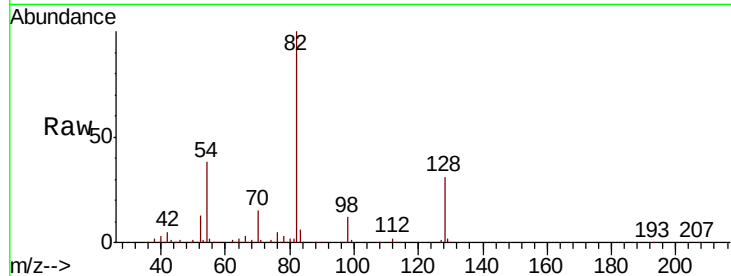




#23
 Nitrobenzene-d5
 Concen: 74.721 ng
 RT: 8.95 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

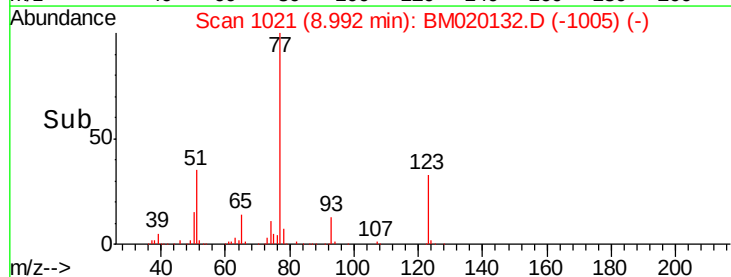
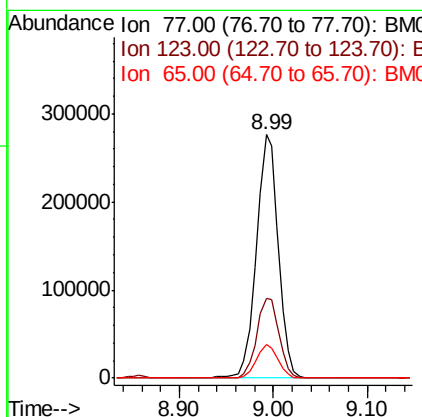
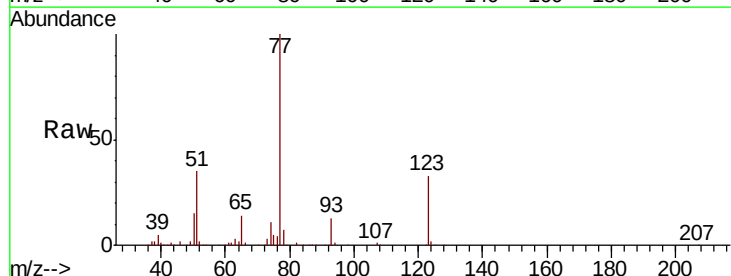
Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

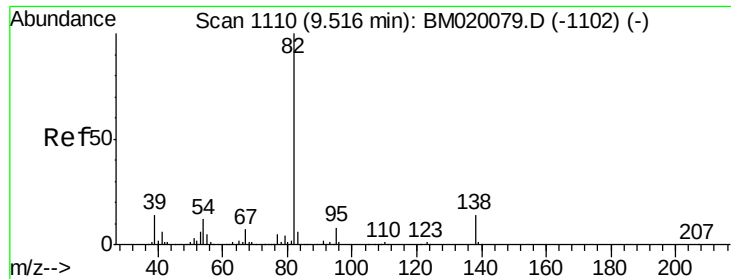
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.1	25.2	37.8
54	38.1	31.9	47.9



#24
 Nitrobenzene
 Concen: 38.533 ng
 RT: 8.99 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.9	25.5	38.3
65	14.0	11.8	17.6

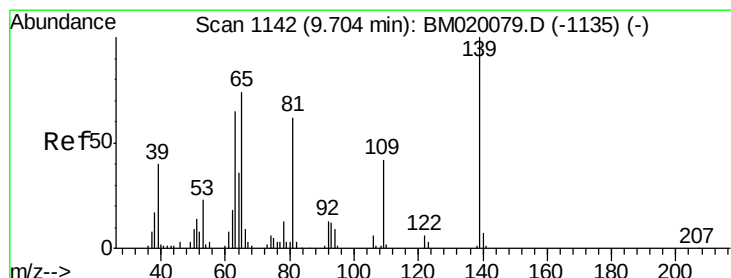
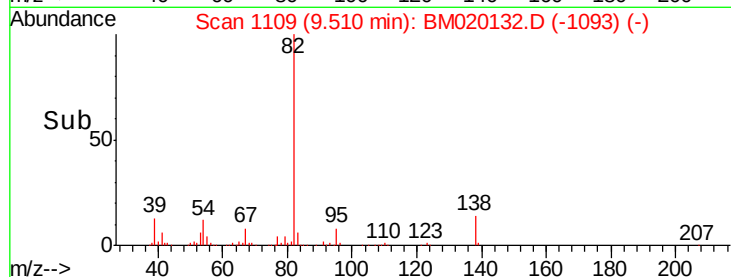
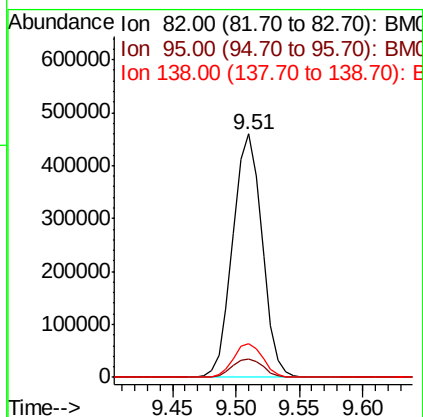
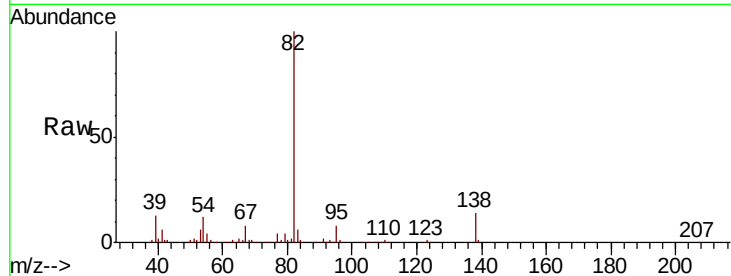




#25
Isophorone
Concen: 38.358 ng
RT: 9.51 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

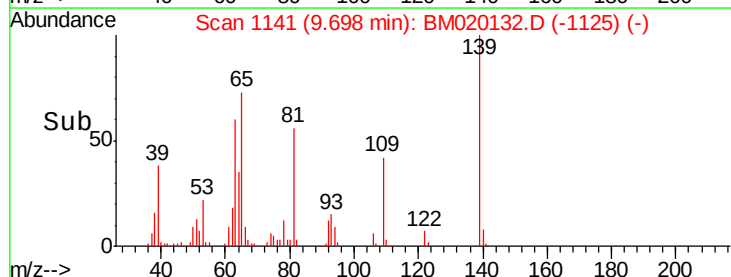
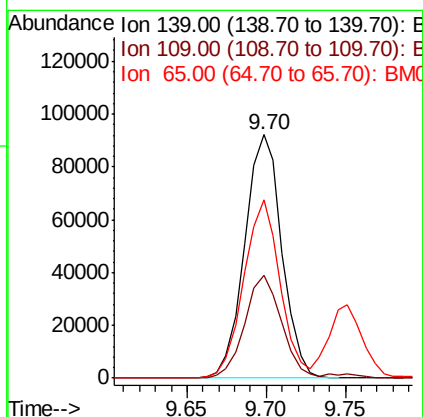
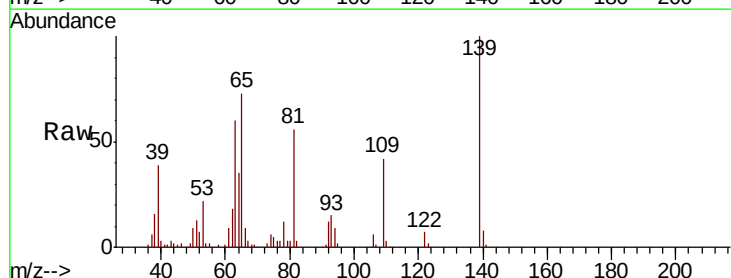
Instrument :
BNA_M
ClientSampleId :
PB119435BS

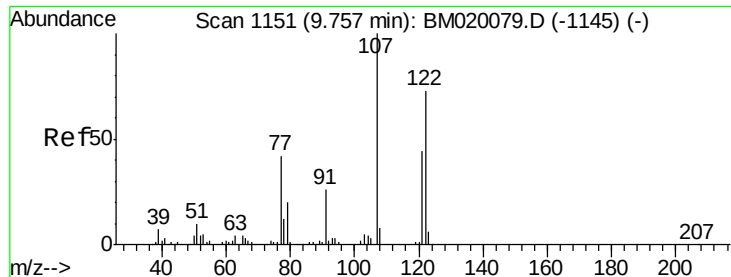
Tgt Ion: 82 Resp: 735904
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 14.0 11.1 16.7



#26
2-Nitrophenol
Concen: 42.974 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion: 139 Resp: 149653
Ion Ratio Lower Upper
139 100
109 42.1 33.7 50.5
65 73.1 59.5 89.3

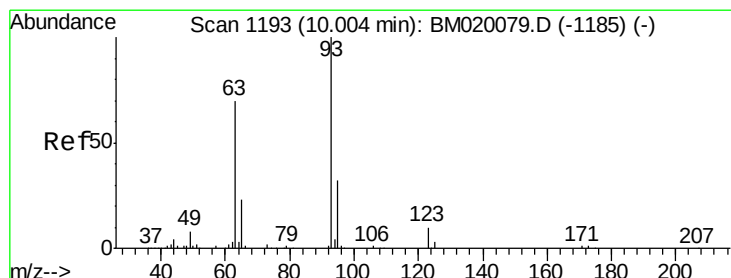
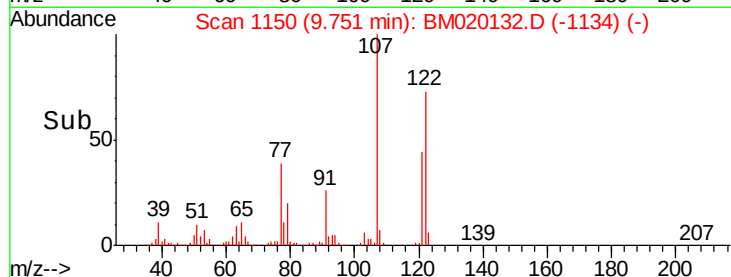
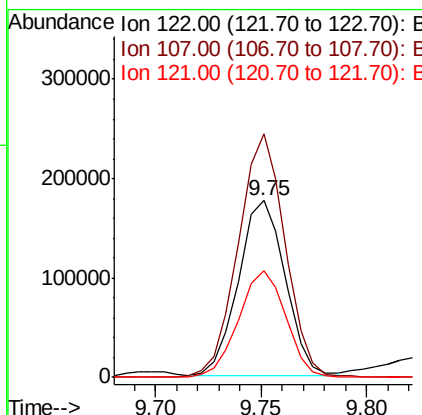
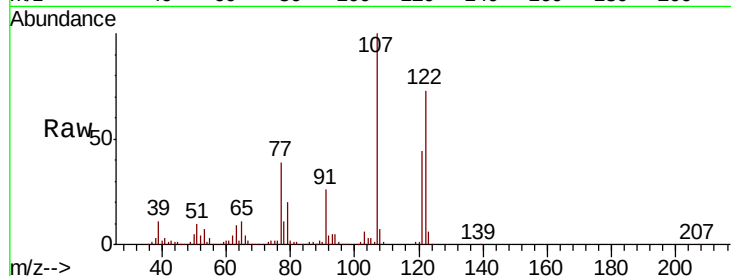




#27
 2,4-Dimethylphenol
 Concen: 46.589 ng
 RT: 9.75 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

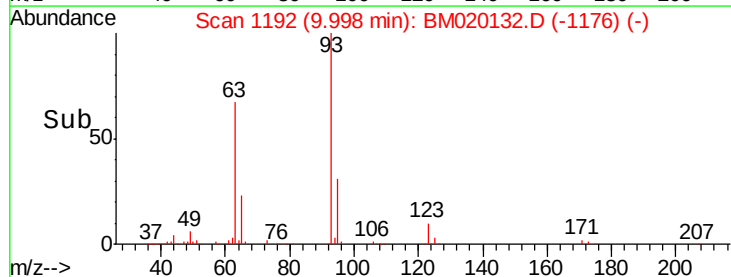
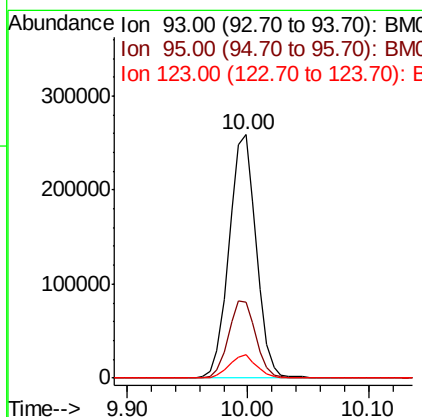
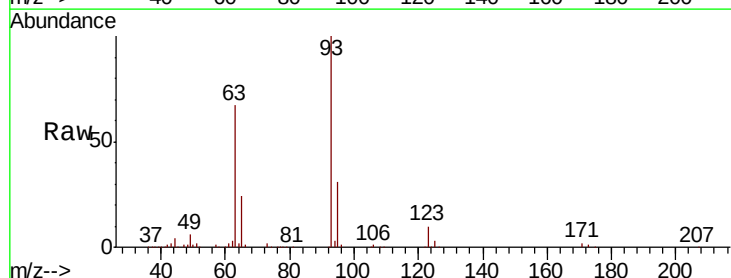
Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

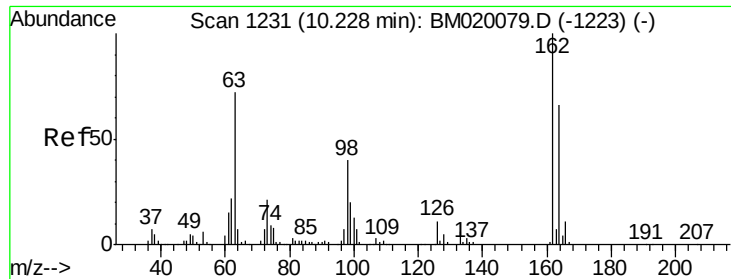
Tgt Ion:122 Resp: 270104
 Ion Ratio Lower Upper
 122 100
 107 137.8 108.6 162.8
 121 60.1 47.4 71.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.835 ng
 RT: 10.00 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion: 93 Resp: 405780
 Ion Ratio Lower Upper
 93 100
 95 31.4 25.5 38.3
 123 9.8 7.6 11.4

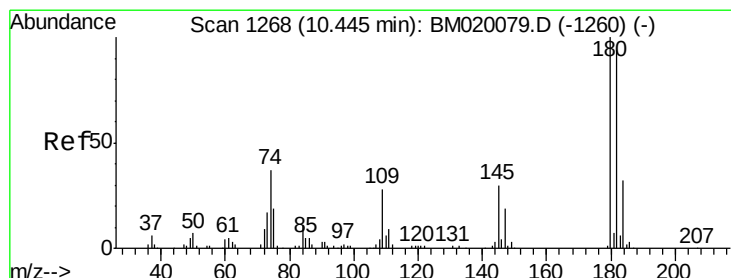
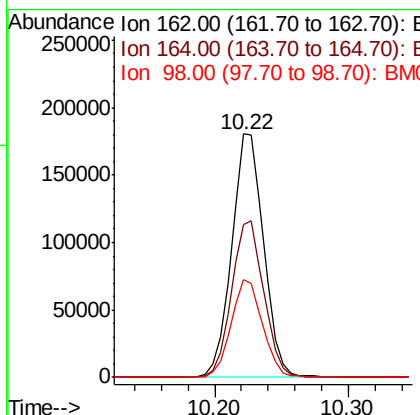
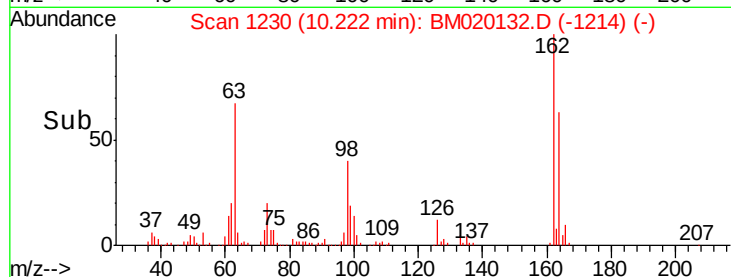
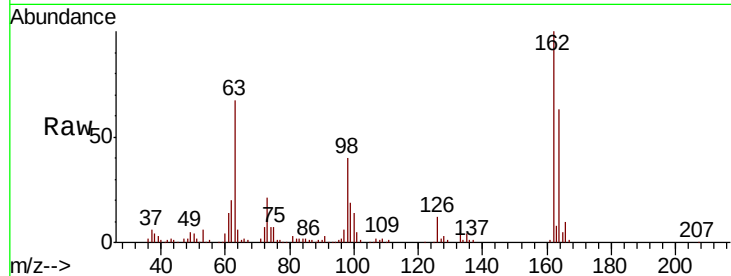




#29
 2,4-Dichlorophenol
 Concen: 41.035 ng
 RT: 10.22 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

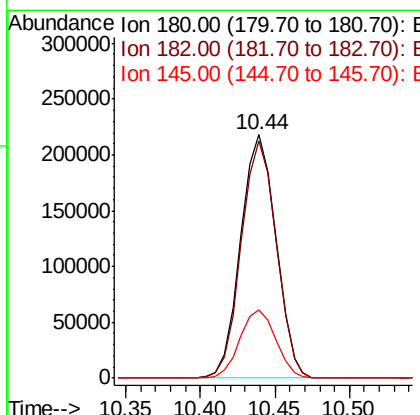
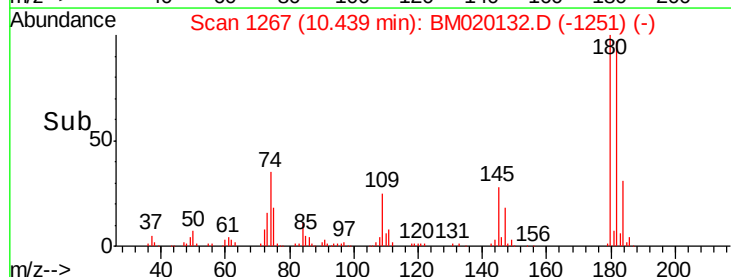
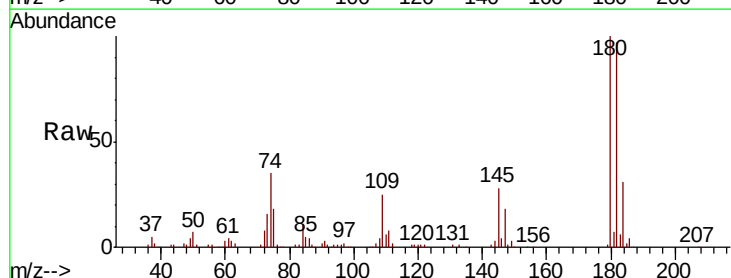
Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

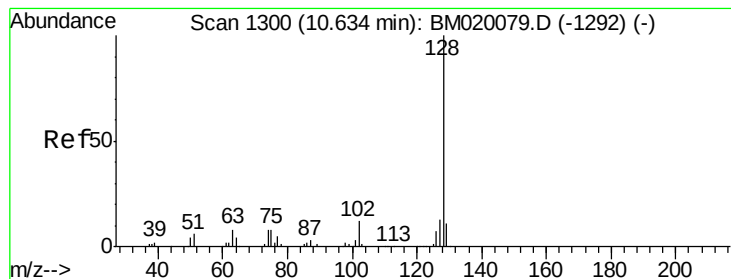
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	45.6	85.6
98	40.2	20.4	60.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.854 ng
 RT: 10.44 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.4	113.0
145	28.3	23.8	35.8

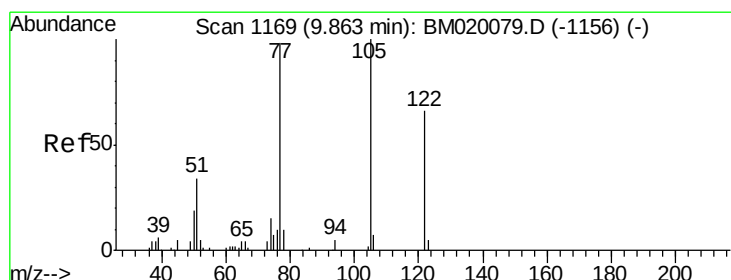
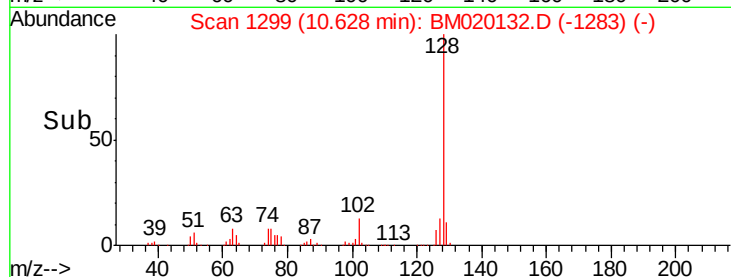
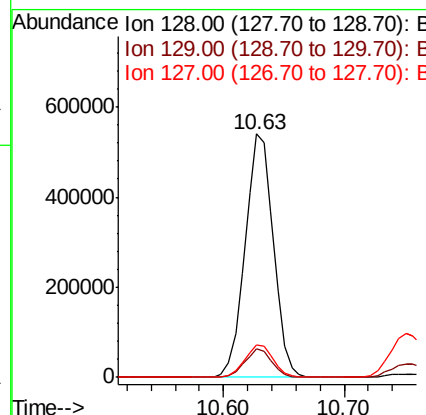
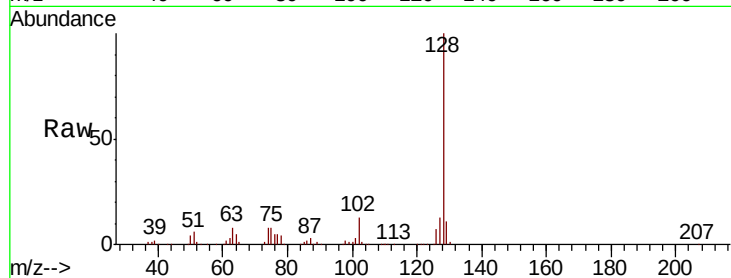




#31
Naphthalene
Concen: 38.765 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

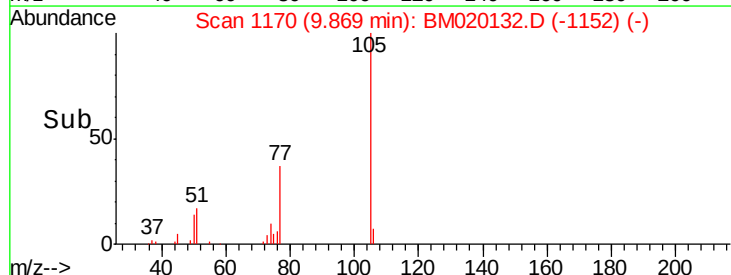
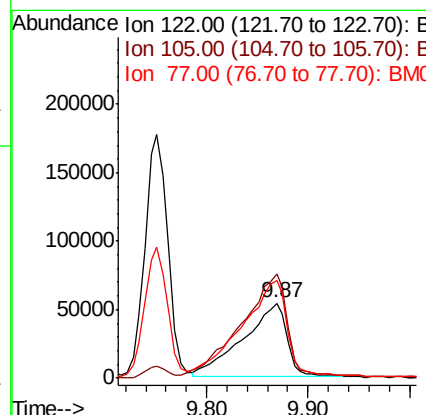
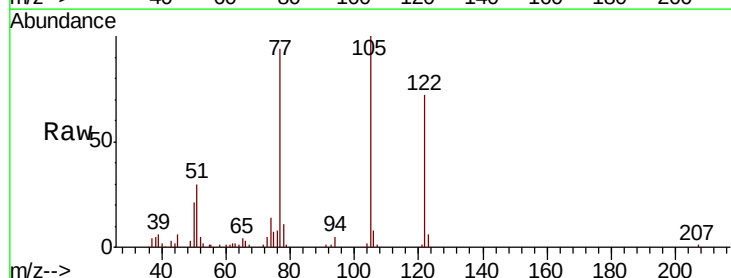
Instrument :
BNA_M
ClientSampleId :
PB119435BS

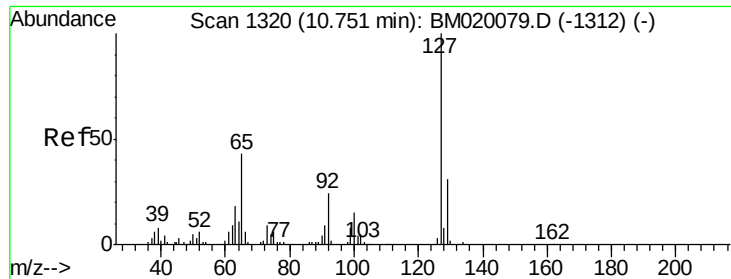
Tgt Ion:128 Resp: 883574
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.4
127 13.4 10.4 15.6



#32
Benzoic acid
Concen: 40.097 ng
RT: 9.87 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion:122 Resp: 160195
Ion Ratio Lower Upper
122 100
105 138.6 122.5 162.5
77 131.0 123.3 163.3

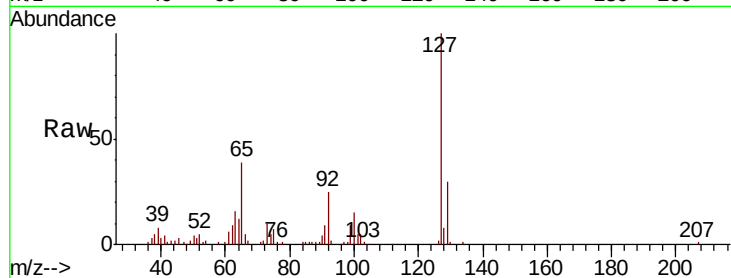




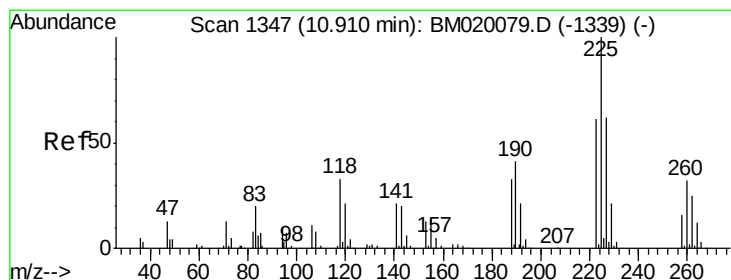
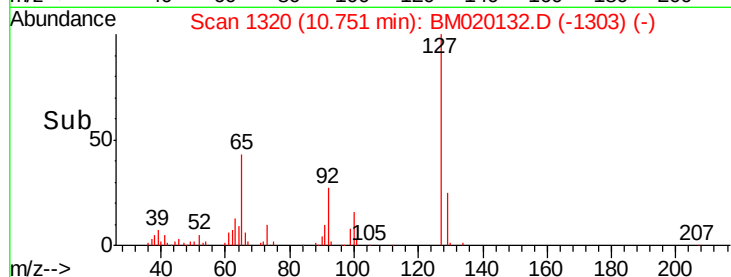
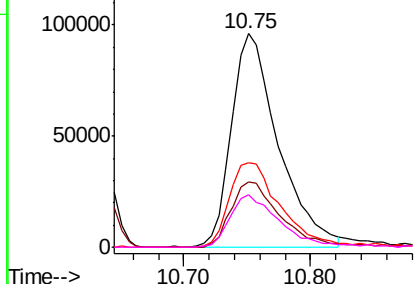
#33
4-Chloroaniline
Concen: 26.312 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tgt Ion:	127	Resp:	246844
Ion	Ratio	Lower	Upper
127	100		
129	30.4	24.7	37.1
65	39.4	34.6	52.0
92	24.6	19.5	29.3

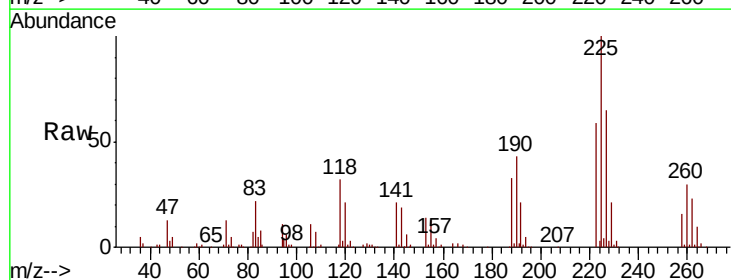


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

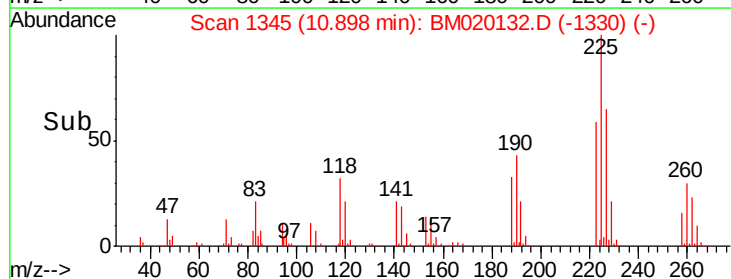
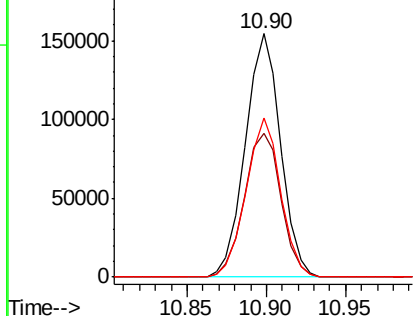


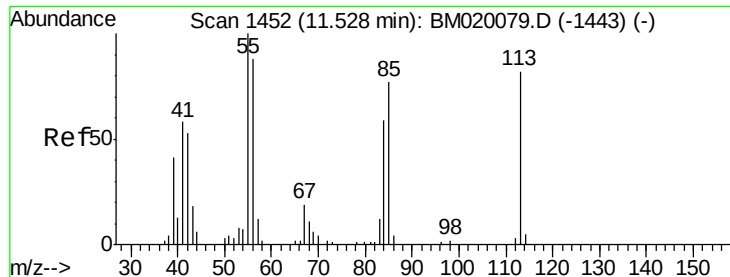
#34
Hexachlorobutadiene
Concen: 37.459 ng
RT: 10.90 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion:	225	Resp:	238370
Ion	Ratio	Lower	Upper
225	100		
223	59.3	48.9	73.3
227	65.1	49.6	74.4



Abundance Ion 225.00 (224.70 to 225.70): E
200000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.808 ng

RT: 11.54 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

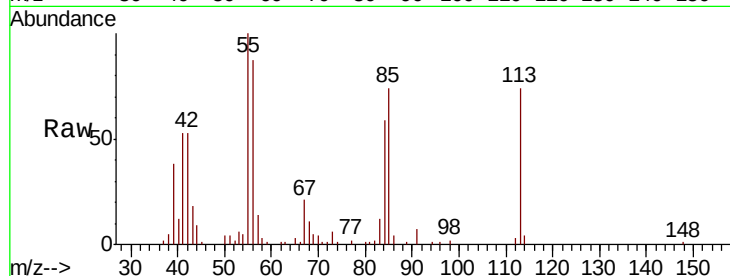
Tgt Ion:113 Resp: 82647

Ion Ratio Lower Upper

113 100

55 135.3 102.5 142.5

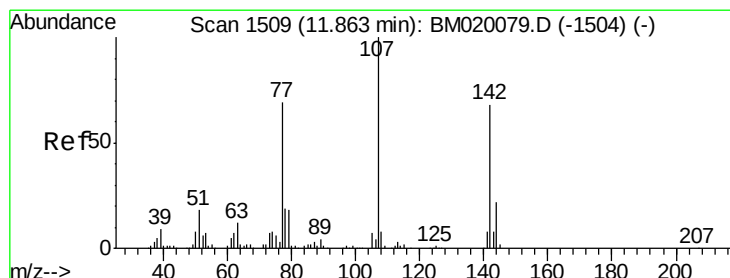
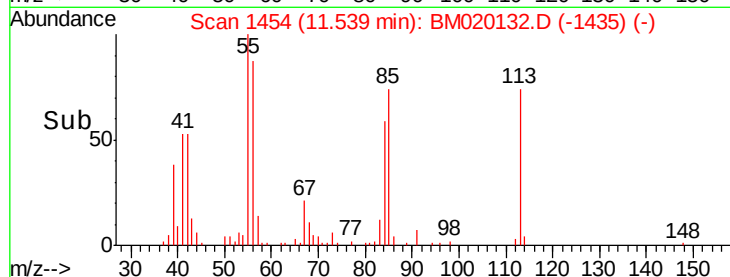
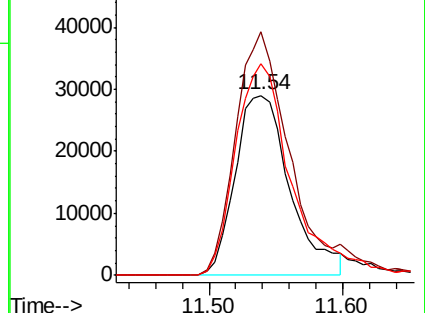
56 117.9 87.7 127.7



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: 38.476 ng

RT: 11.86 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

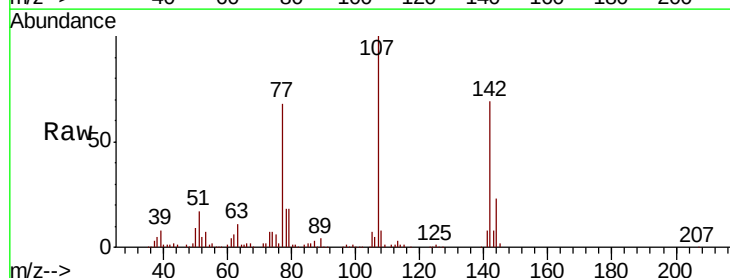
Tgt Ion:107 Resp: 330552

Ion Ratio Lower Upper

107 100

144 23.5 17.6 26.4

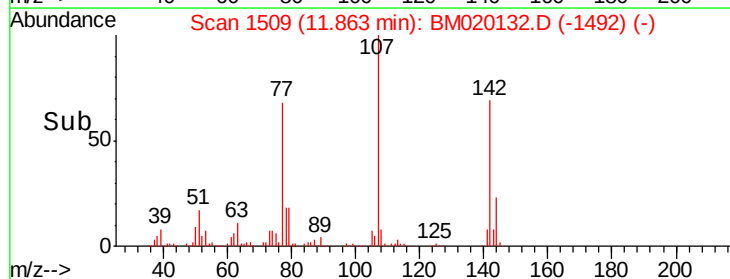
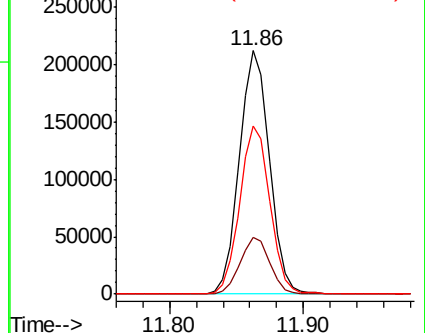
142 68.9 54.6 82.0

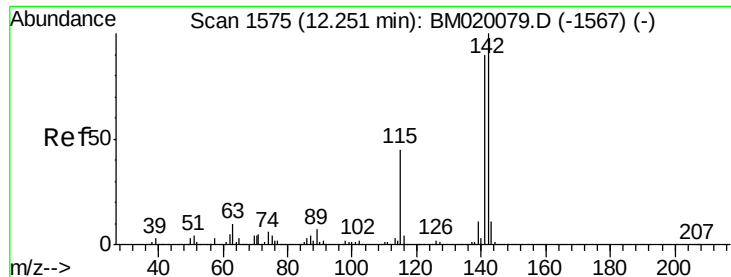


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

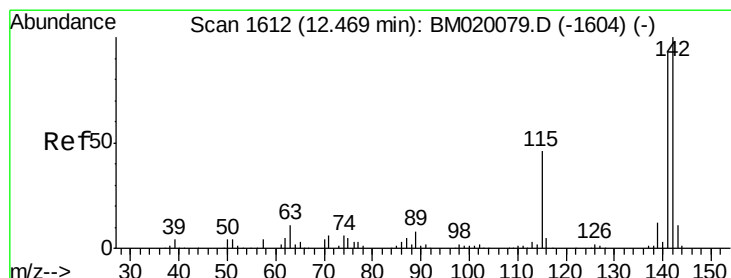
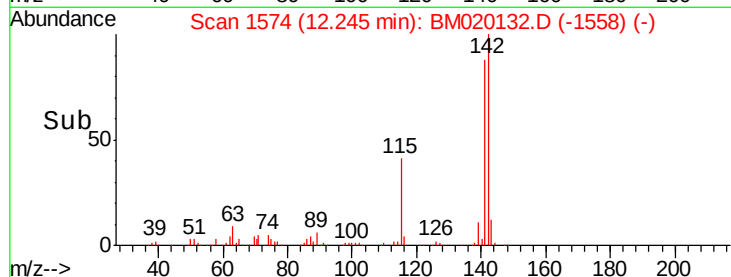
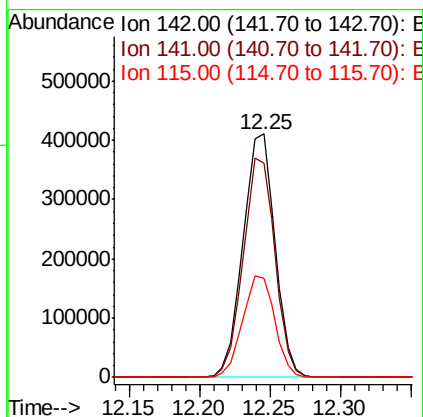
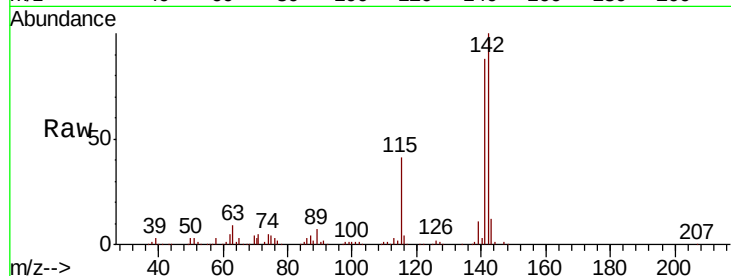




#37
 2-Methylnaphthalene
 Concen: 39.349 ng
 RT: 12.25 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

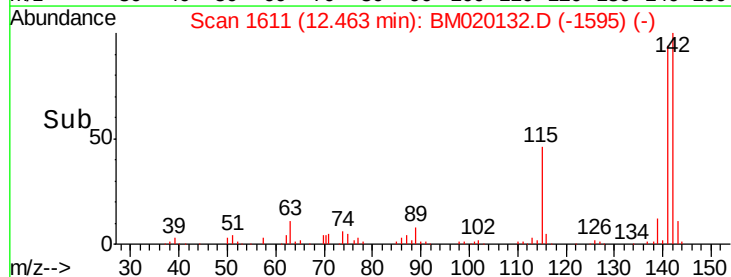
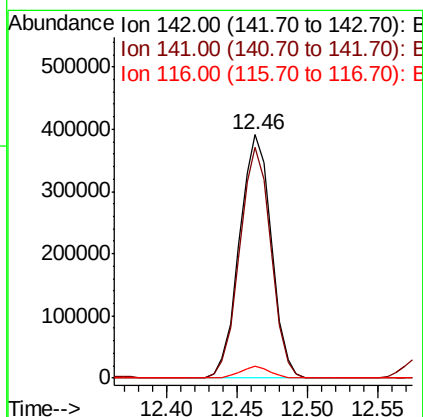
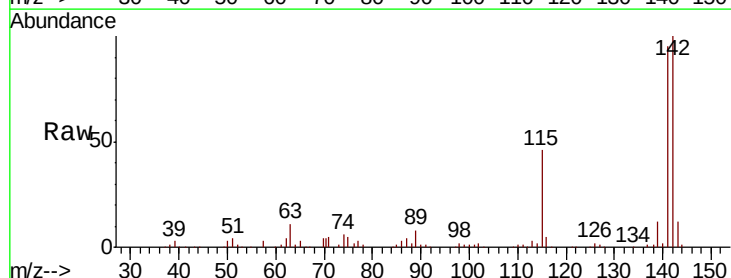
Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

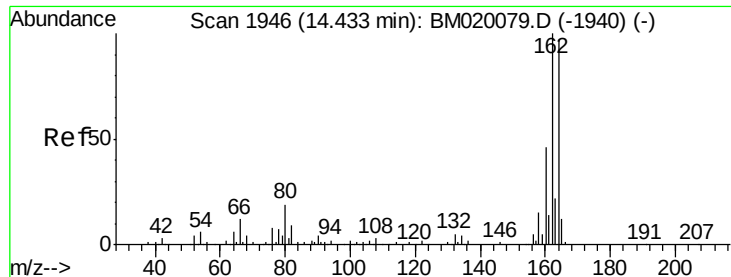
Tgt Ion:142 Resp: 653848
 Ion Ratio Lower Upper
 142 100
 141 88.1 71.6 107.4
 115 40.8 35.8 53.6



#38
 1-Methylnaphthalene
 Concen: 38.059 ng
 RT: 12.46 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion:142 Resp: 618417
 Ion Ratio Lower Upper
 142 100
 141 94.9 74.8 112.2
 116 4.7 3.9 5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

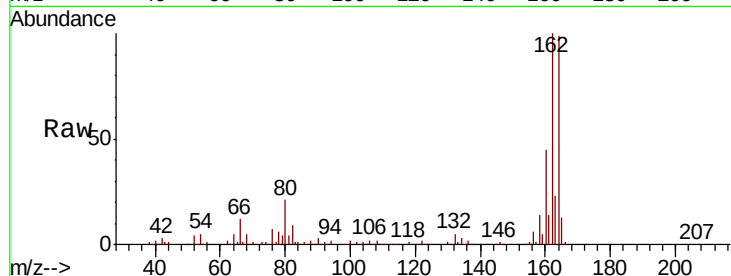
Tgt Ion:164 Resp: 258952

Ion Ratio Lower Upper

164 100

162 100.7 82.2 123.2

160 45.7 37.6 56.4

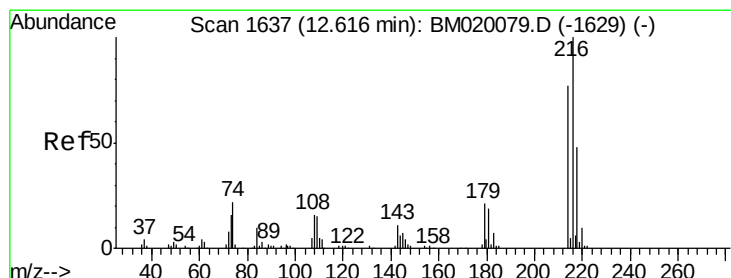
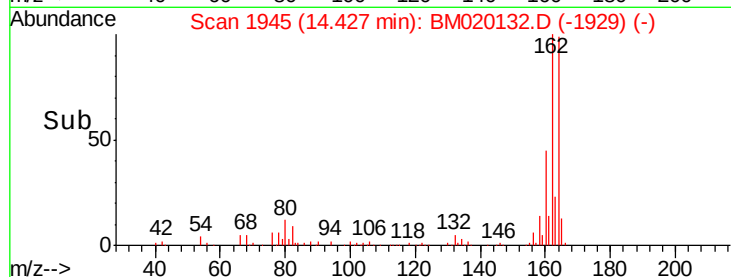
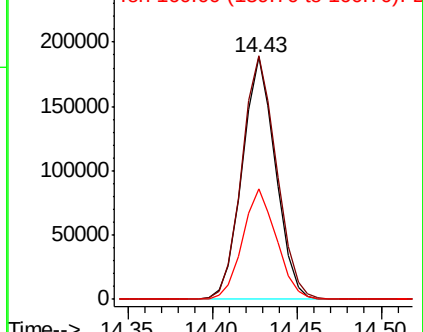


Abundance

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: 40.753 ng

RT: 12.61 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Tgt Ion:216 Resp: 412878

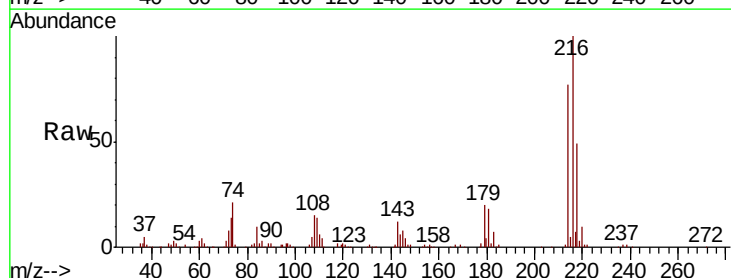
Ion Ratio Lower Upper

216 100

214 78.1 62.6 94.0

179 20.4 17.1 25.7

108 19.5 15.8 23.6



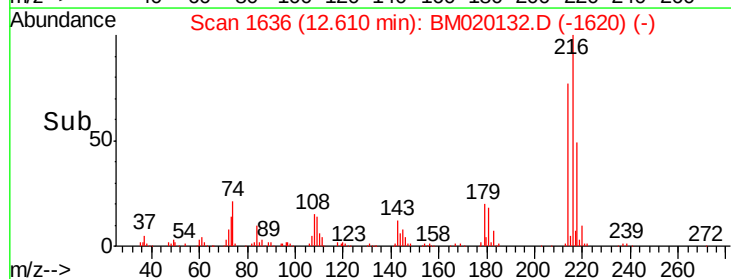
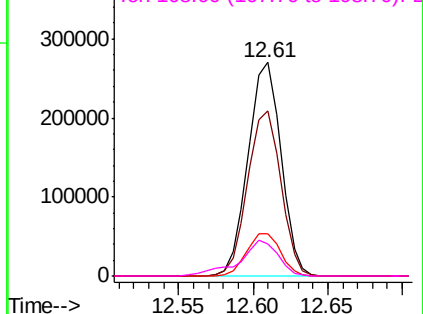
Abundance

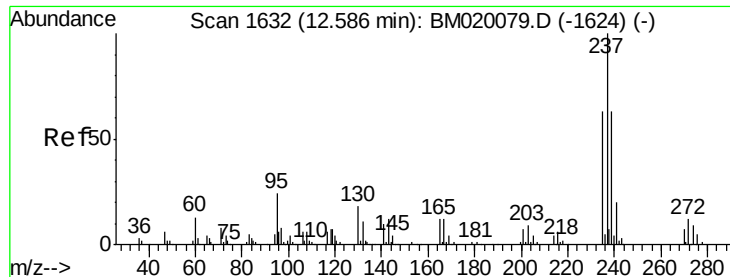
Ion 216.00 (215.70 to 216.70): E

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: 67.427 ng

RT: 12.58 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

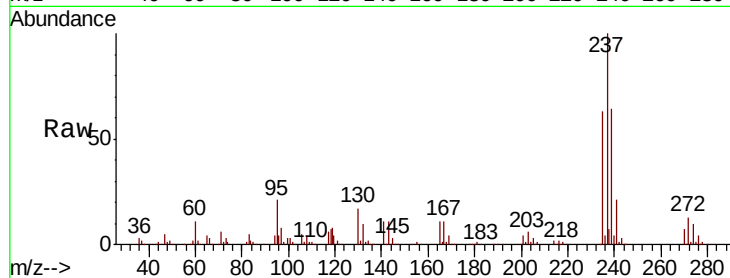
Tgt Ion: 237 Resp: 402224

Ion Ratio Lower Upper

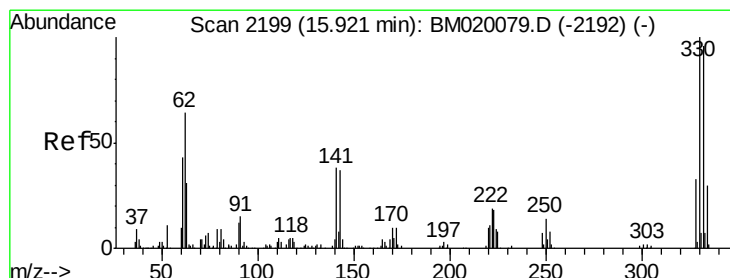
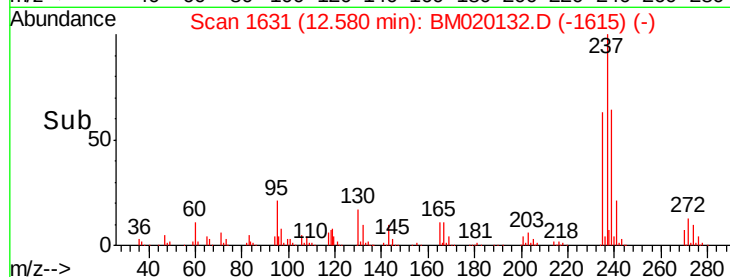
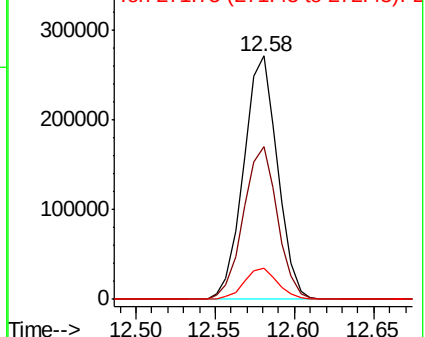
237 100

235 62.7 43.4 83.4

272 12.7 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: 134.476 ng

RT: 15.92 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

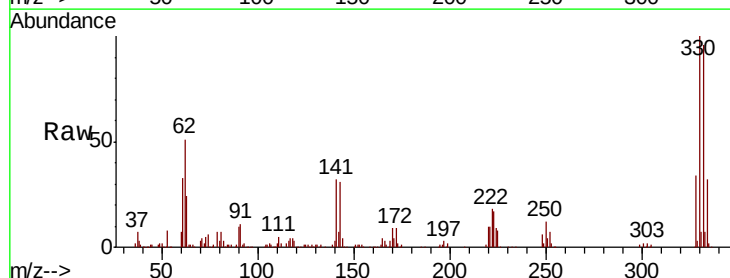
Tgt Ion: 330 Resp: 540515

Ion Ratio Lower Upper

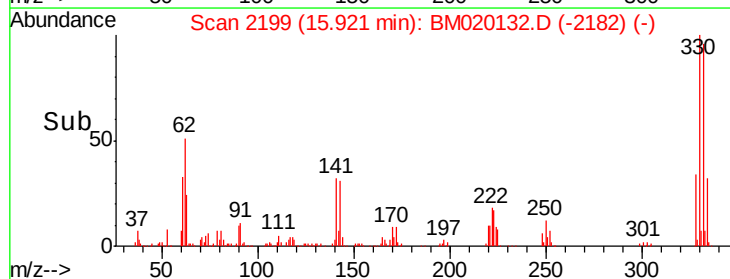
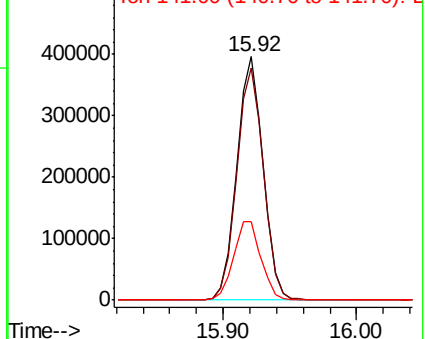
330 100

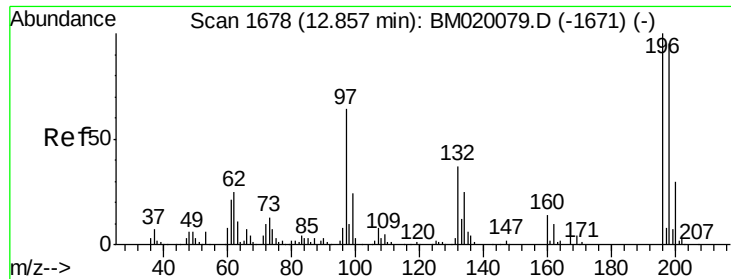
332 96.5 76.8 115.2

141 34.0 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

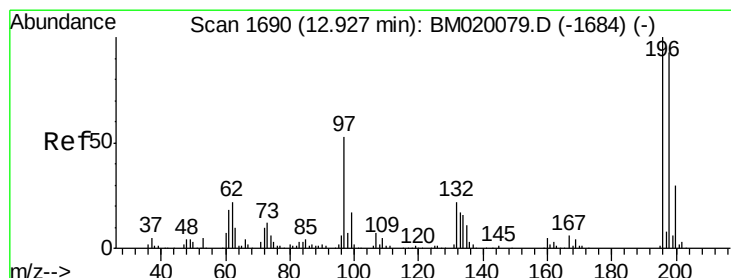
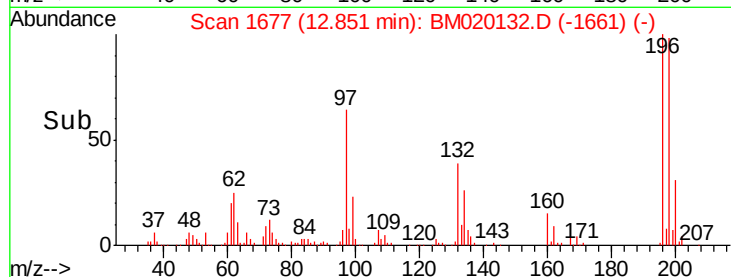
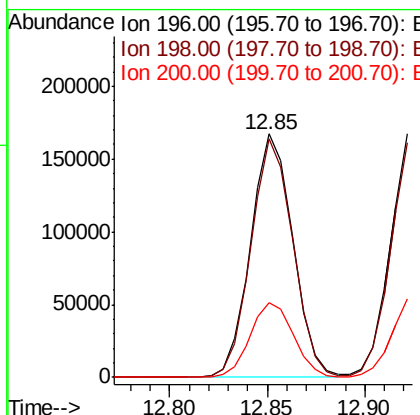
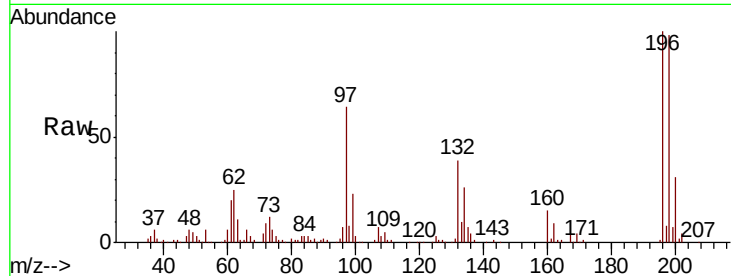




#43
 2,4,6-Trichlorophenol
 Concen: 43.647 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

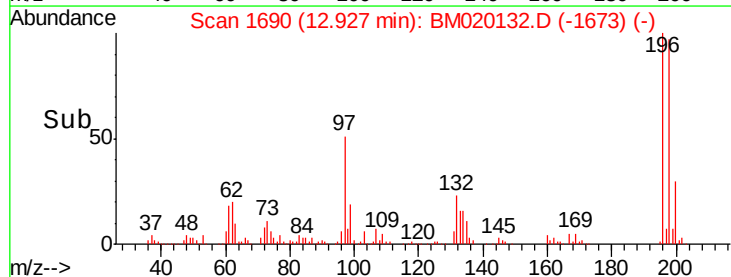
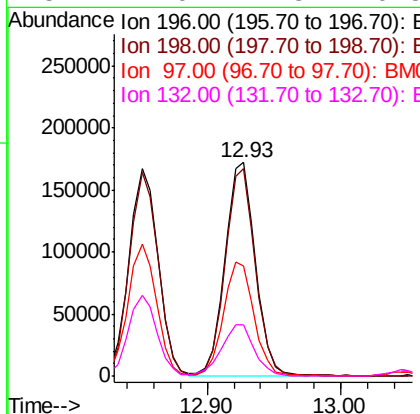
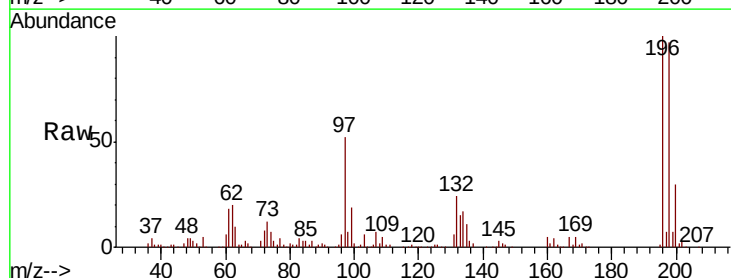
Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

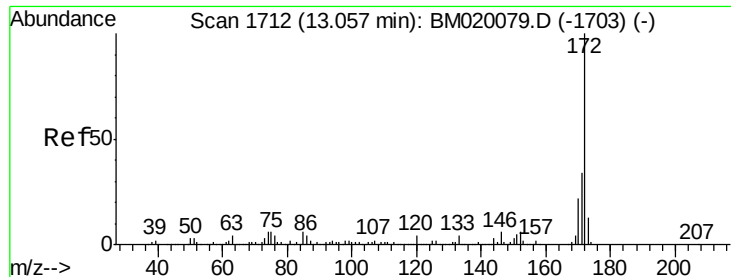
Tgt Ion:196 Resp: 251311
 Ion Ratio Lower Upper
 196 100
 198 98.2 76.2 114.2
 200 30.9 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 42.311 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion:196 Resp: 272155
 Ion Ratio Lower Upper
 196 100
 198 96.8 74.7 112.1
 97 51.8 42.2 63.4
 132 24.0 17.8 26.8

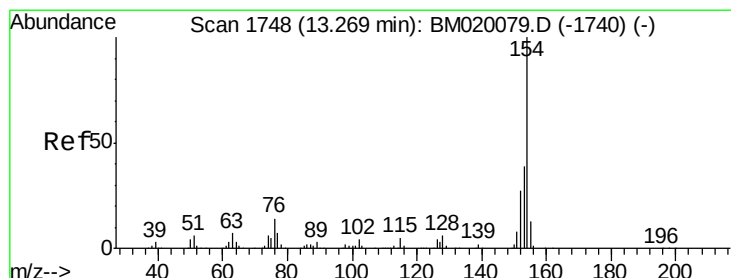
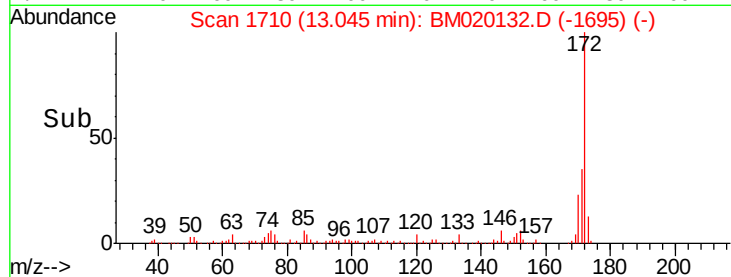
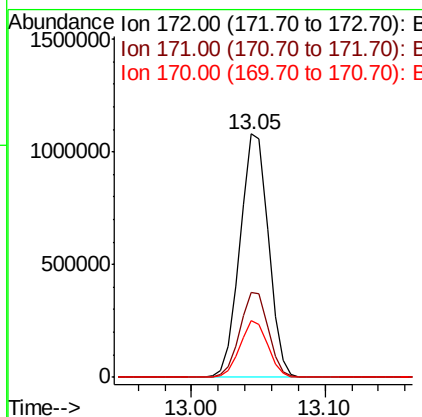
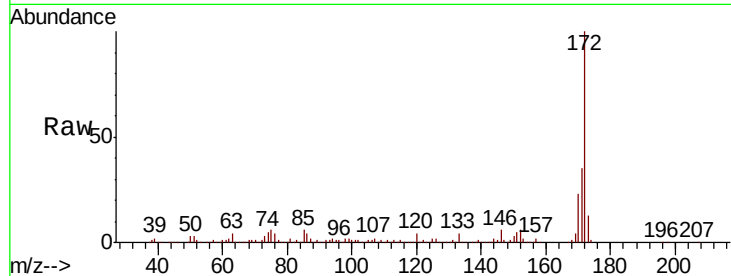




#45
2-Fluorobiphenyl
Concen: 75.582 ng
RT: 13.05 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

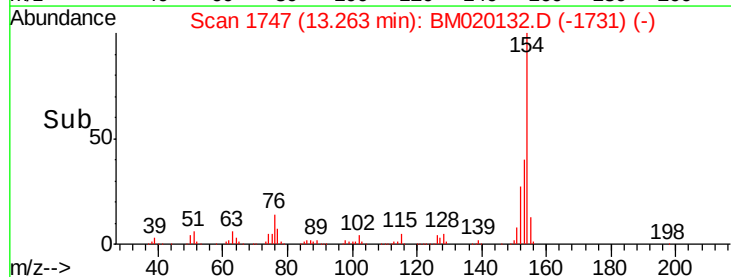
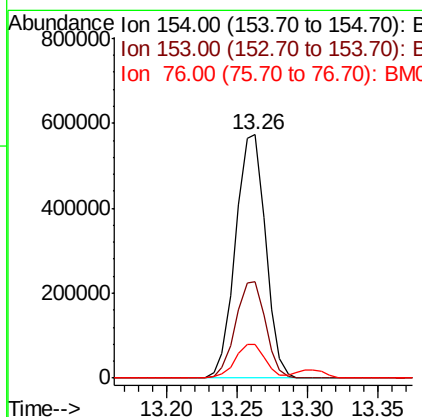
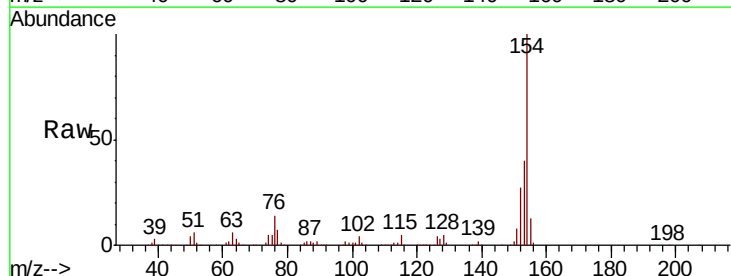
Instrument :
BNA_M
ClientSampleId :
PB119435BS

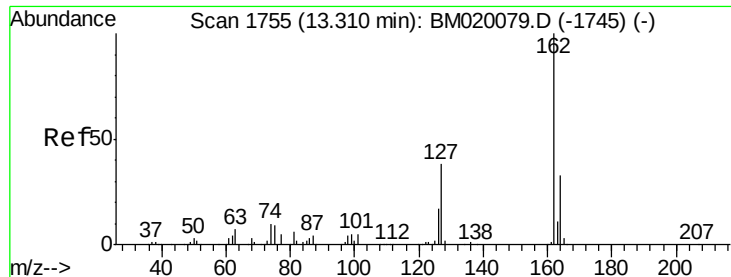
Tgt Ion:172 Resp: 1590763
Ion Ratio Lower Upper
172 100
171 34.7 27.3 40.9
170 23.3 17.9 26.9



#46
1,1'-Biphenyl
Concen: 39.946 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion:154 Resp: 851427
Ion Ratio Lower Upper
154 100
153 39.8 19.4 59.4
76 13.8 0.0 34.5

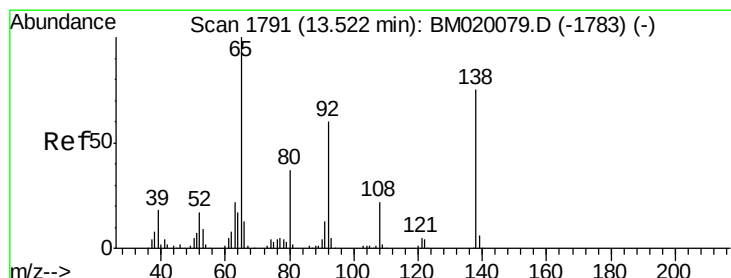
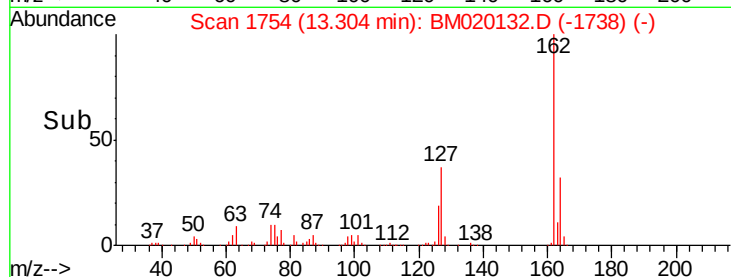
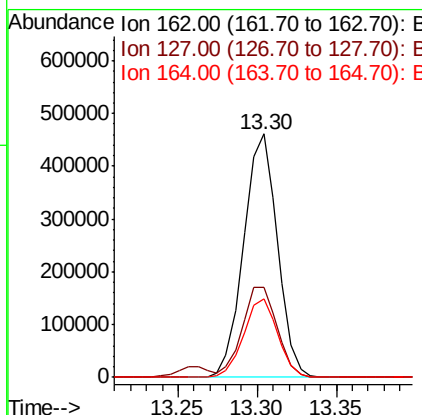
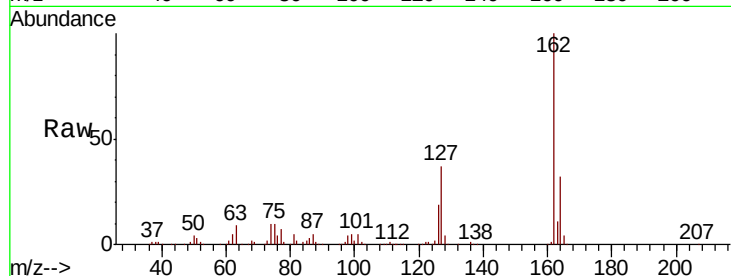




#47
 2-Chloronaphthalene
 Concen: 40.055 ng
 RT: 13.30 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

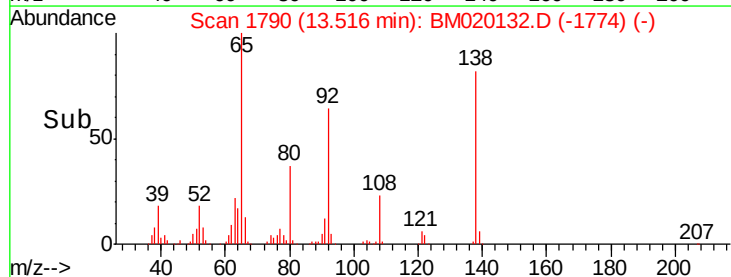
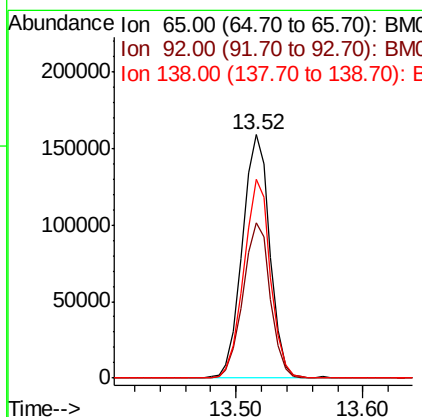
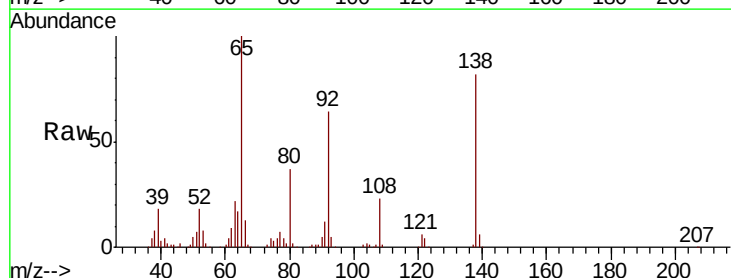
Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

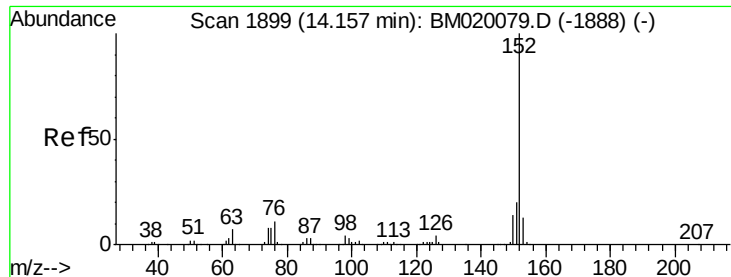
Tgt Ion: 162 Resp: 681648
 Ion Ratio Lower Upper
 162 100
 127 37.1 31.0 46.4
 164 32.4 26.2 39.2



#48
 2-Nitroaniline
 Concen: 39.390 ng
 RT: 13.52 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion: 65 Resp: 238647
 Ion Ratio Lower Upper
 65 100
 92 64.0 48.2 72.4
 138 81.6 60.3 90.5





#49

Acenaphthylene

Concen: 38.058 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

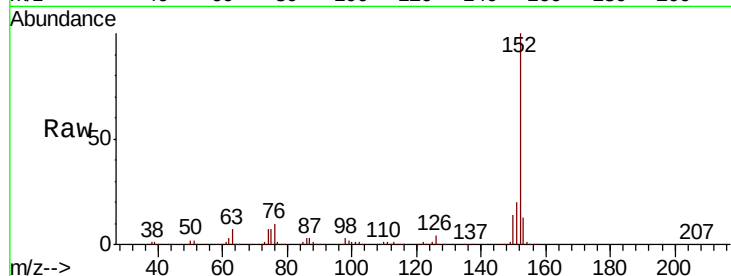
Tgt Ion:152 Resp: 1036516

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

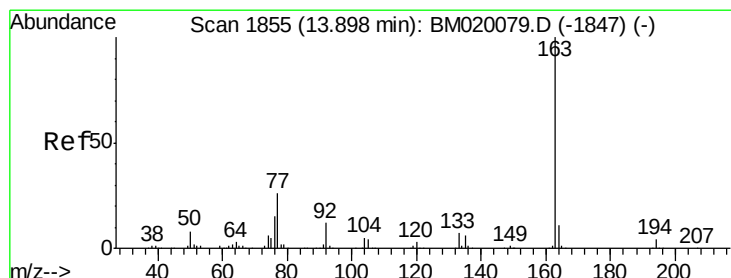
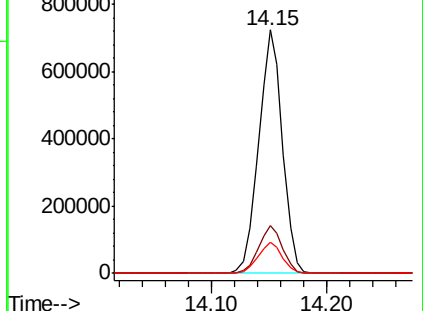
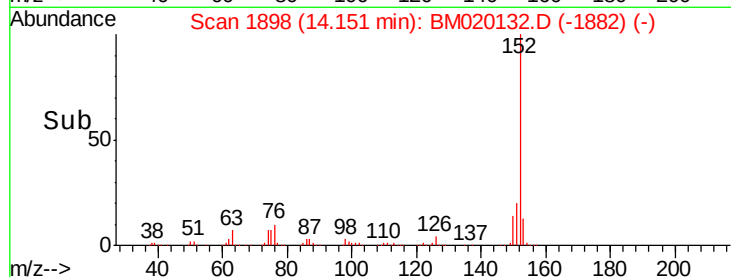
153 12.8 10.6 16.0



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: 37.949 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

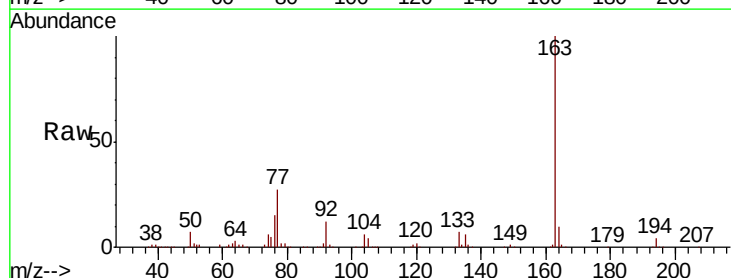
Tgt Ion:163 Resp: 835222

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

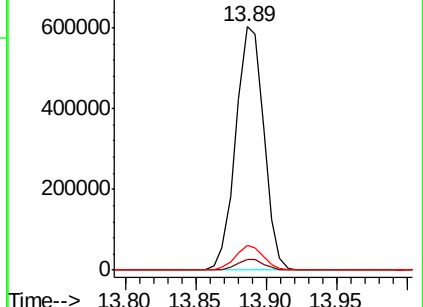
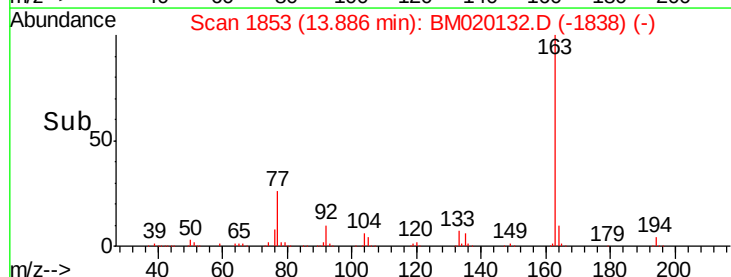
164 10.3 8.4 12.6

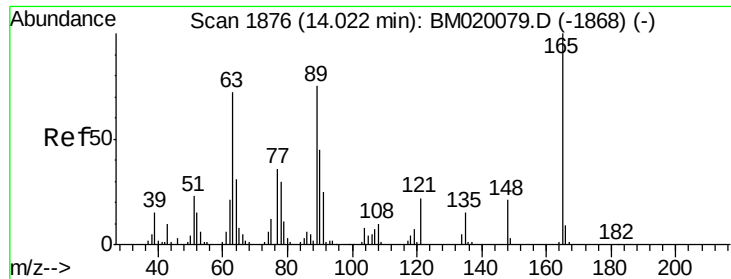


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

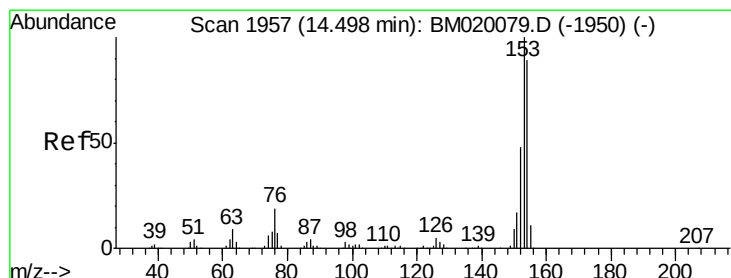
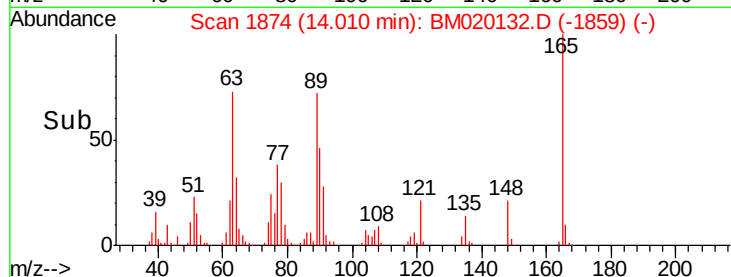
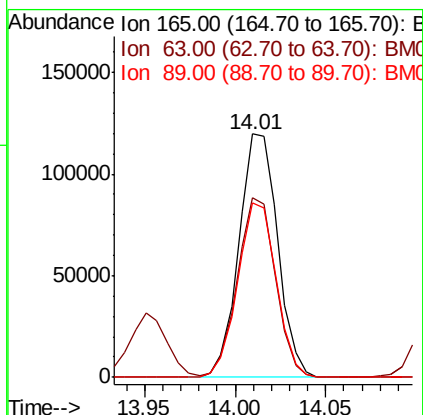
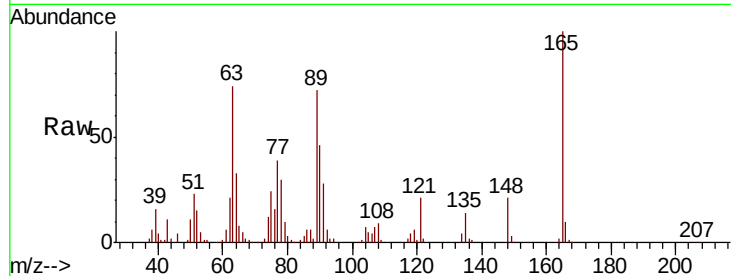




#51
 2,6-Dinitrotoluene
 Concen: 38.324 ng
 RT: 14.01 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

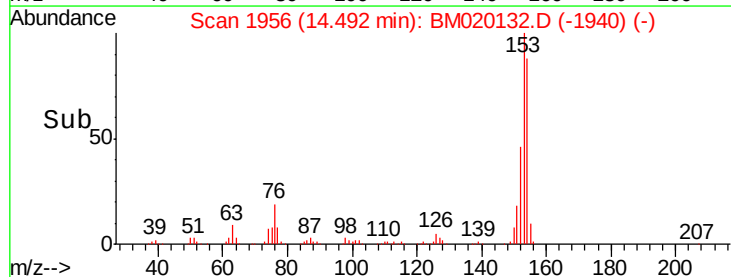
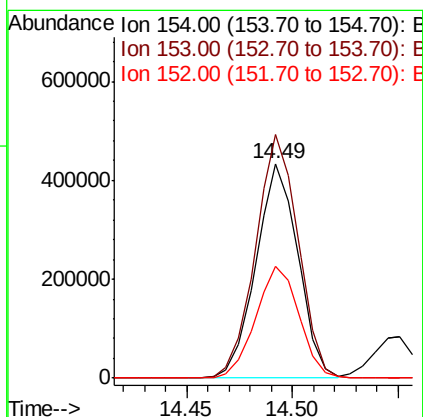
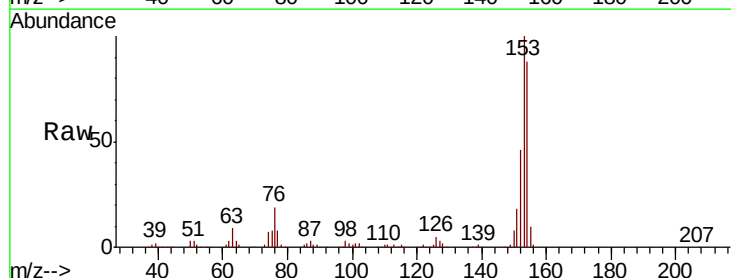
Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

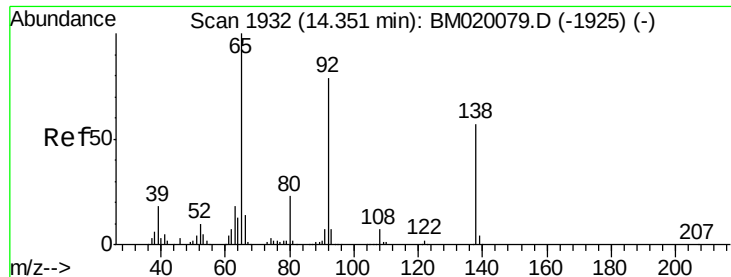
Tgt Ion:165 Resp: 177652
 Ion Ratio Lower Upper
 165 100
 63 73.9 60.3 90.5
 89 71.8 59.8 89.6



#52
 Acenaphthene
 Concen: 38.534 ng
 RT: 14.49 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion:154 Resp: 601824
 Ion Ratio Lower Upper
 154 100
 153 113.4 90.2 135.2
 152 51.9 43.0 64.4

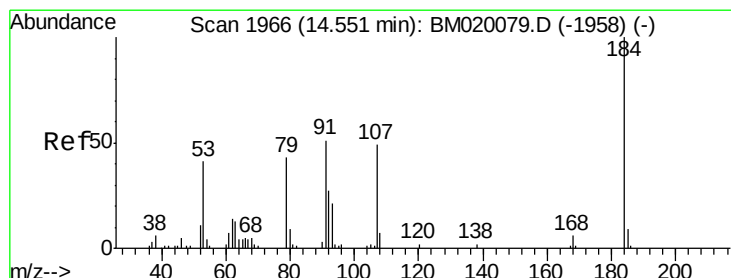
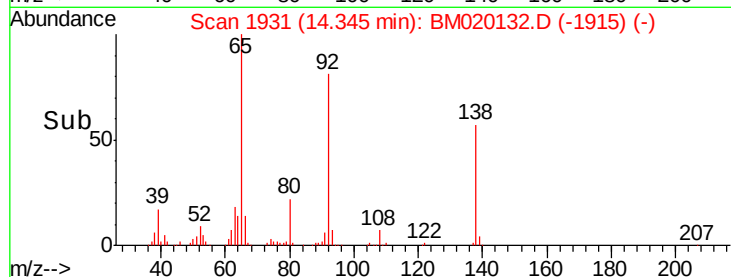
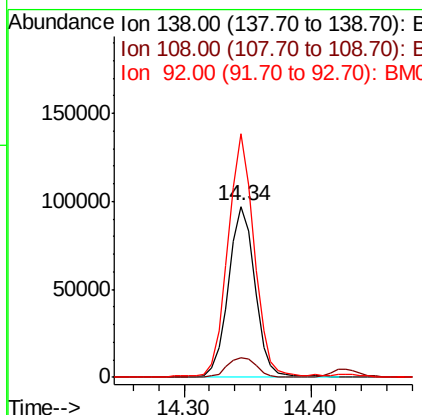
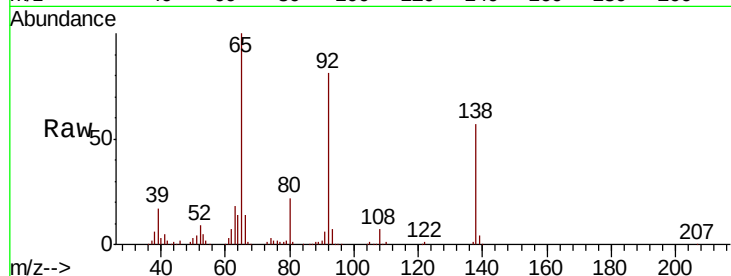




#53
3-Nitroaniline
Concen: 32.739 ng
RT: 14.34 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

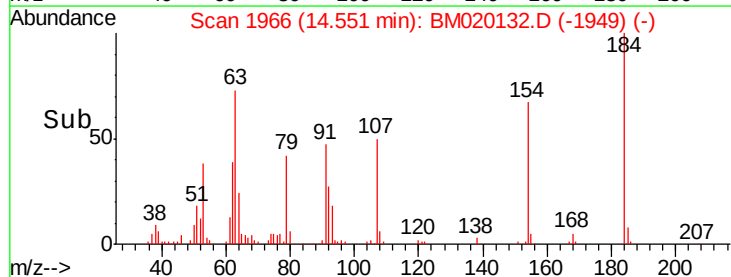
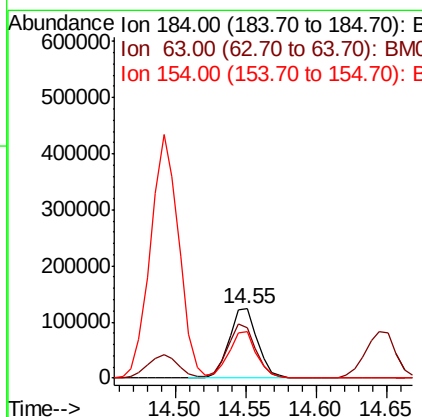
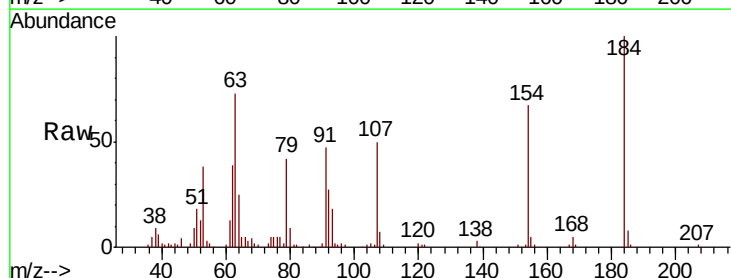
Instrument :
BNA_M
ClientSampleId :
PB119435BS

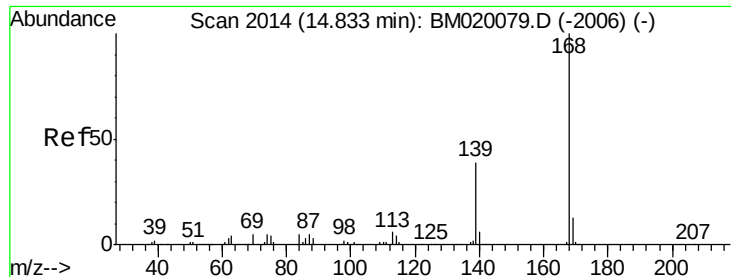
Tgt Ion:138 Resp: 140856
Ion Ratio Lower Upper
138 100
108 11.8 10.4 15.6
92 142.6 111.3 166.9



#54
2,4-Dinitrophenol
Concen: 75.457 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion:184 Resp: 173956
Ion Ratio Lower Upper
184 100
63 73.2 68.9 103.3
154 67.1 54.4 81.6





#55

Dibenzofuran

Concen: 38.571 ng

RT: 14.83 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

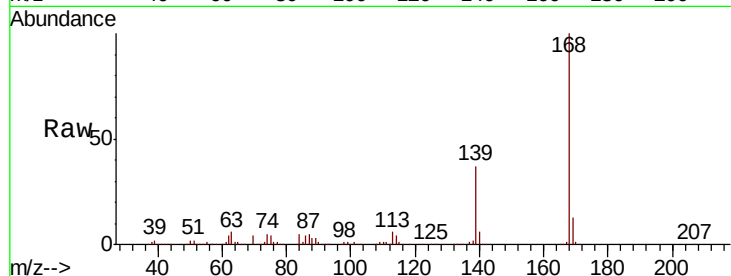
Tgt Ion:168 Resp: 1016119

Ion Ratio Lower Upper

168 100

139 36.7 31.1 46.7

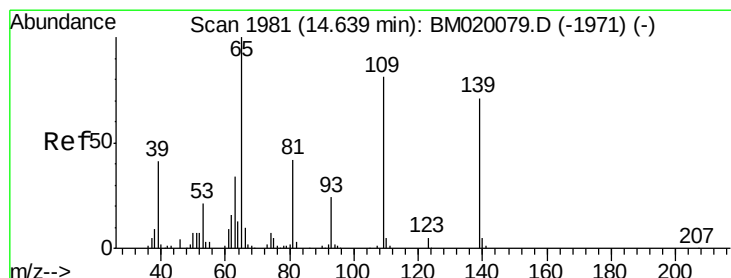
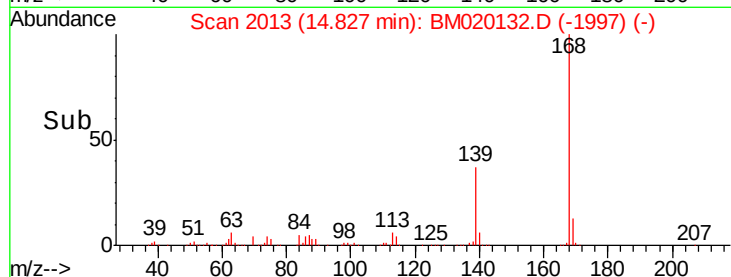
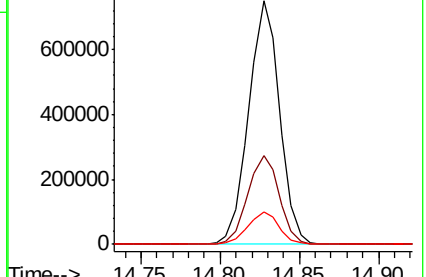
169 13.1 10.6 16.0



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: 80.974 ng

RT: 14.64 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

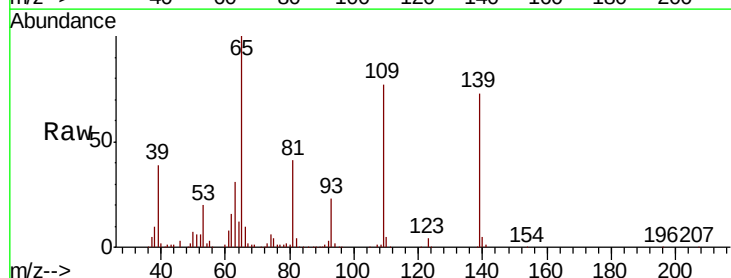
Tgt Ion:139 Resp: 297239

Ion Ratio Lower Upper

139 100

109 105.9 94.1 134.1

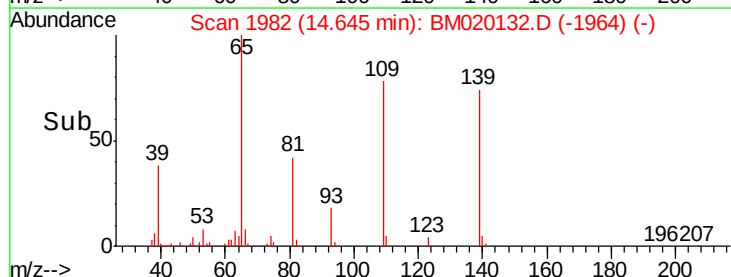
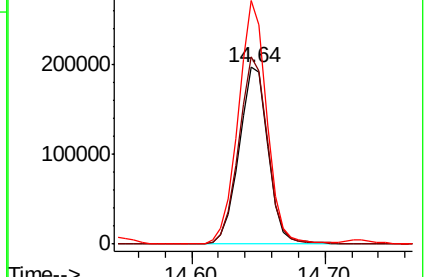
65 137.9 120.9 160.9

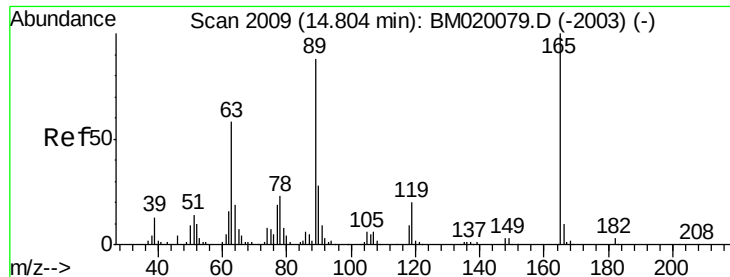


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





#57

2,4-Dinitrotoluene

Concen: 39.500 ng

RT: 14.80 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

Tgt Ion:165 Resp: 248806

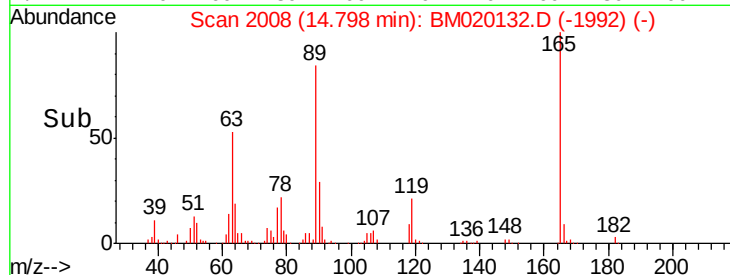
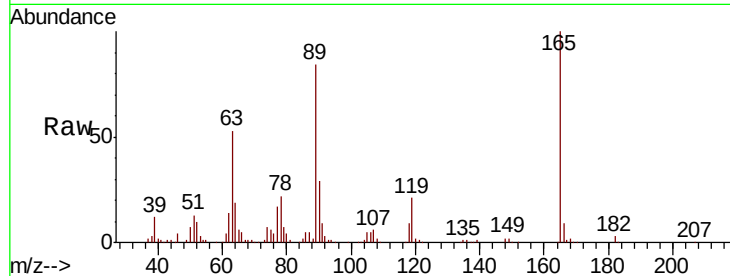
Ion Ratio Lower Upper

165 100

63 53.2 46.2 69.2

89 84.0 70.6 105.8

182 2.7 2.2 3.2

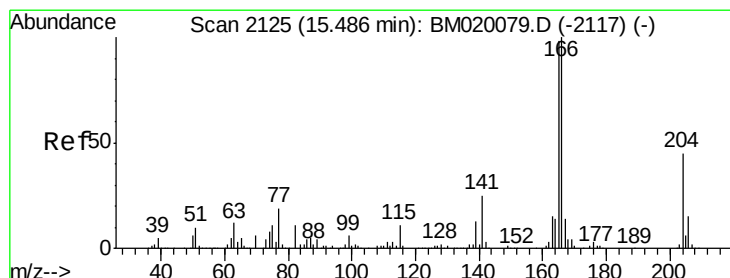
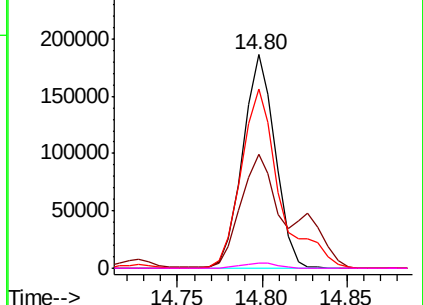


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 37.303 ng

RT: 15.48 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

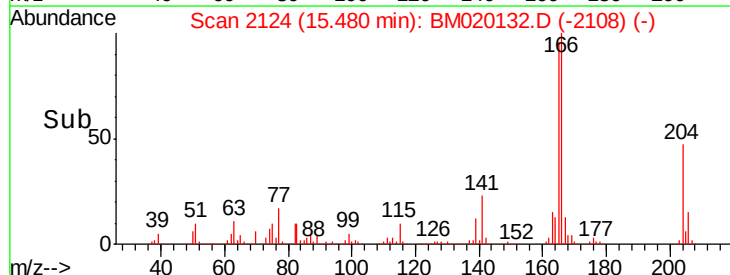
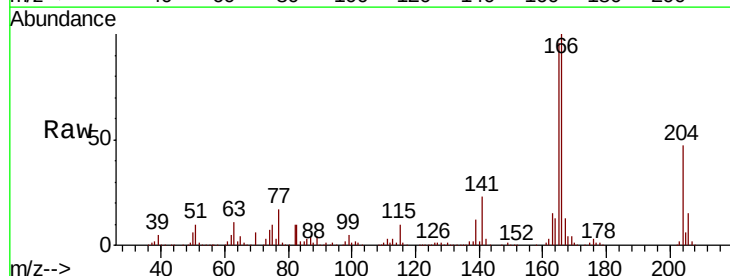
Tgt Ion:166 Resp: 807077

Ion Ratio Lower Upper

166 100

165 96.0 78.2 117.2

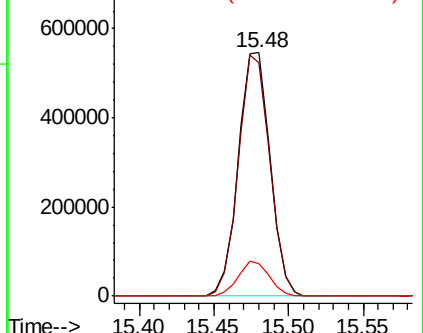
167 13.4 11.0 16.4

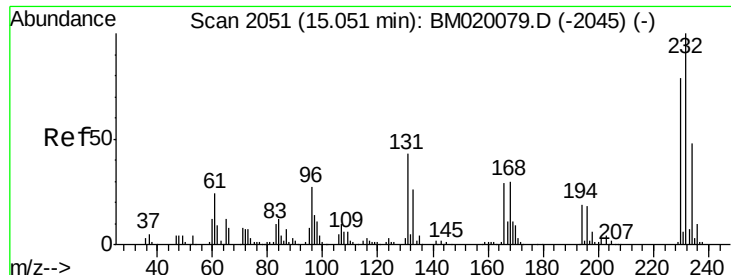


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

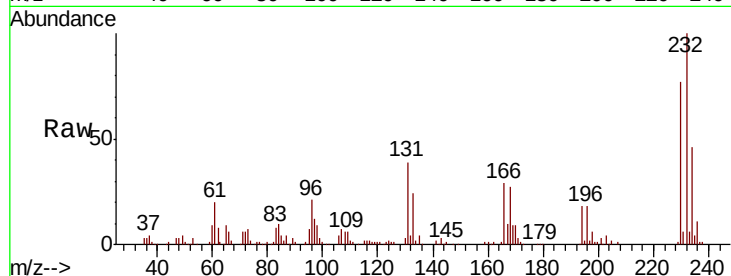




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.168 ng
RT: 15.05 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.0	34.2	51.4
130	2.5	2.0	3.0
166	30.1	23.8	35.8



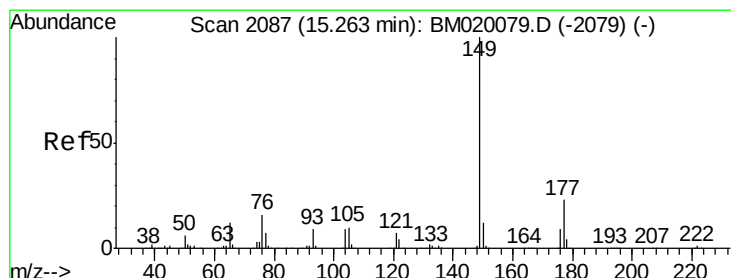
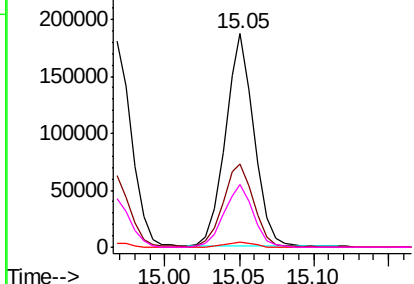
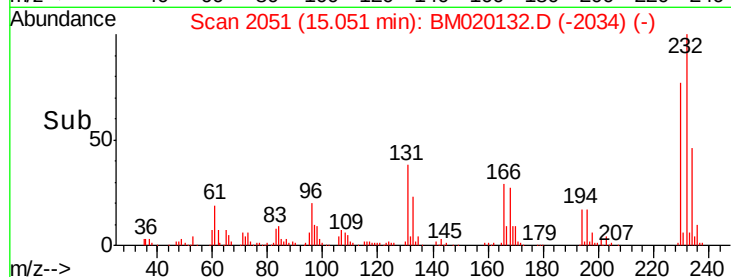
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

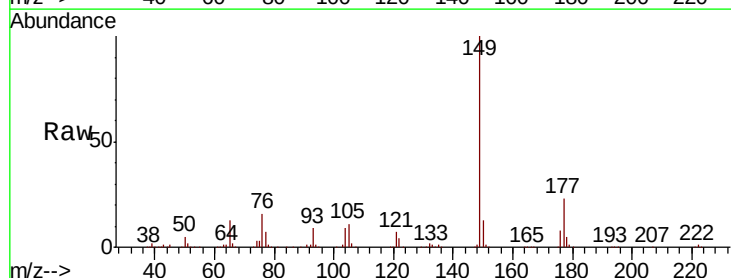
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 36.629 ng
RT: 15.25 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.2	27.4
150	12.8	9.9	14.9

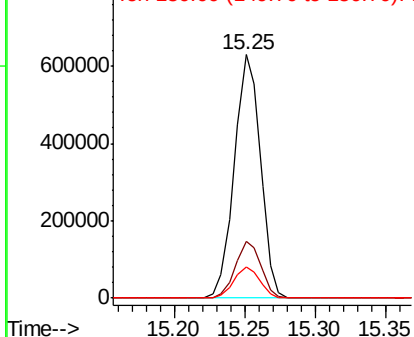
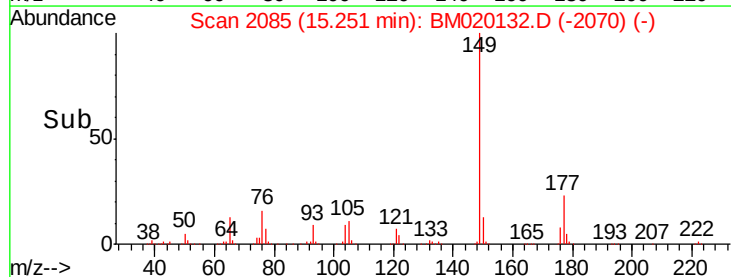


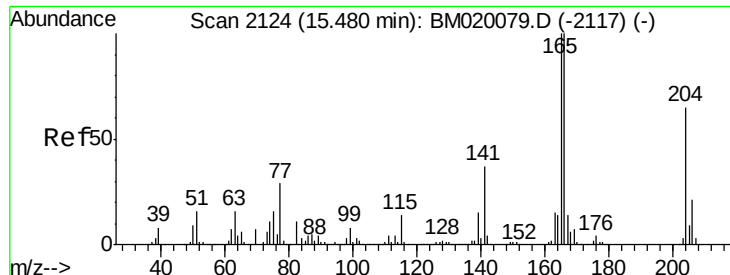
Abundance

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

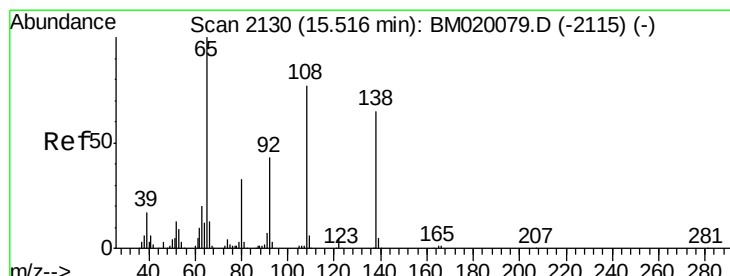
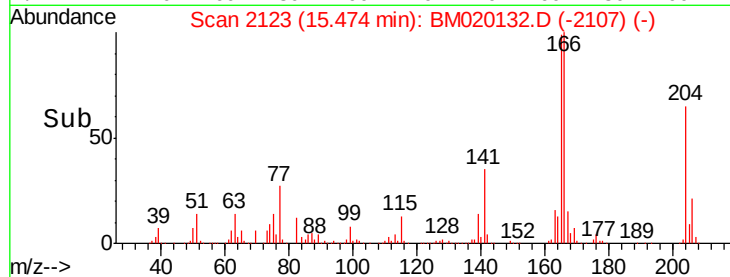
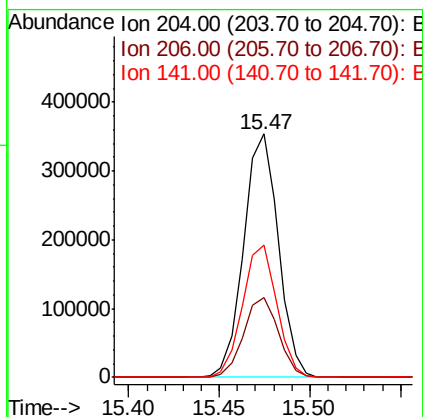
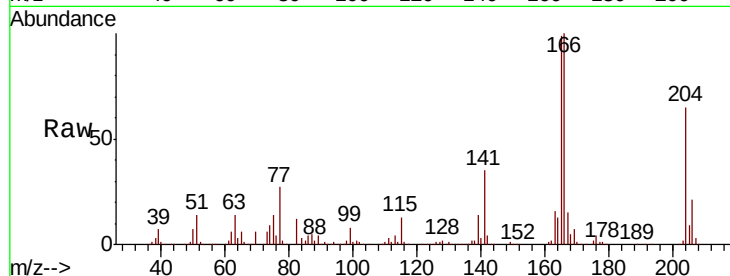




#61
 4-Chlorophenyl-phenylether
 Concen: 38.324 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

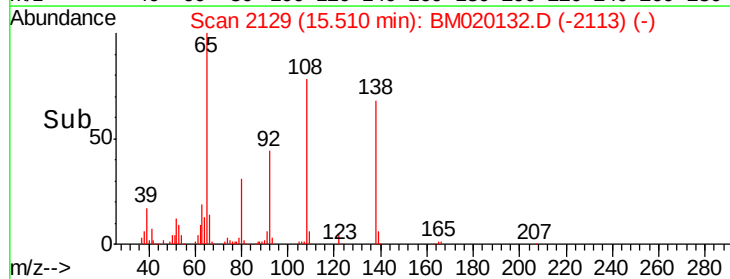
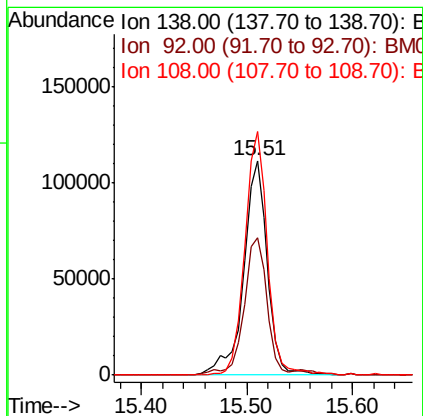
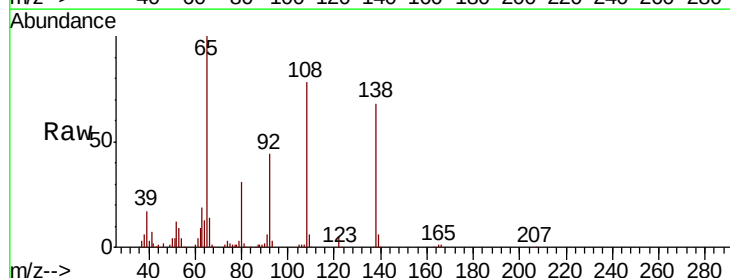
Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

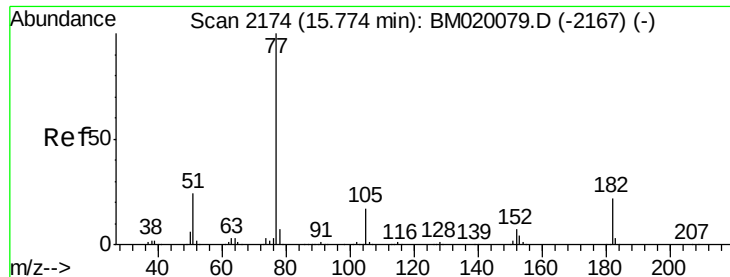
Tgt Ion:	204	Resp:	469811
Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.6	38.4
141	54.5	46.1	69.1



#62
 4-Nitroaniline
 Concen: 36.634 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion:	138	Resp:	173937
Ion	Ratio	Lower	Upper
138	100		
92	64.0	45.9	85.9
108	113.6	97.7	137.7

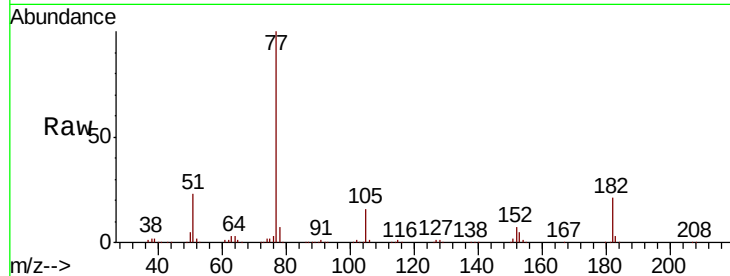




#63
Azobenzene
Concen: 36.322 ng
RT: 15.76 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tgt Ion:	77	Resp:	950137
Ion	Ratio	Lower	Upper
77	100		
182	21.2	2.1	42.1
105	16.5	0.0	36.8
51	22.6	3.8	43.8

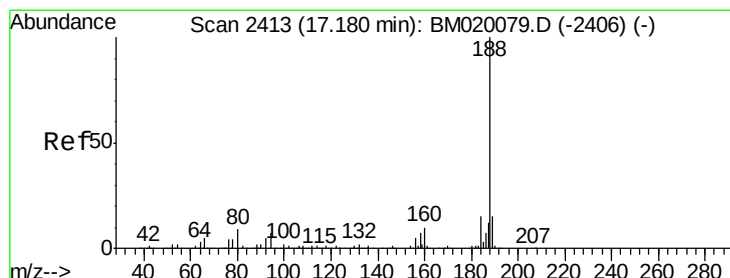
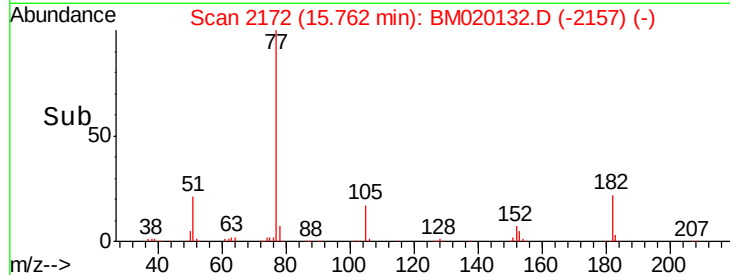
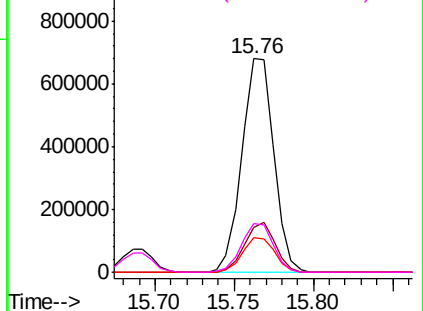


Abundance Ion 77.00 (76.70 to 77.70): BM020132.D (-2157) (-)

Ion 182.00 (181.70 to 182.70): BM020132.D (-2157) (-)

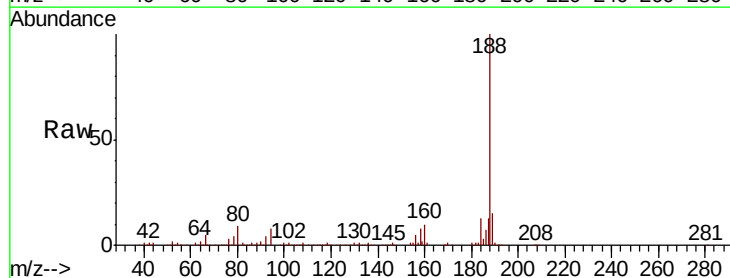
Ion 105.00 (104.70 to 105.70): BM020132.D (-2157) (-)

Ion 51.00 (50.70 to 51.70): BM020132.D (-2157) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

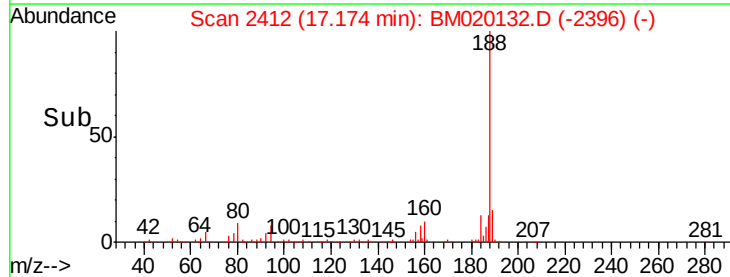
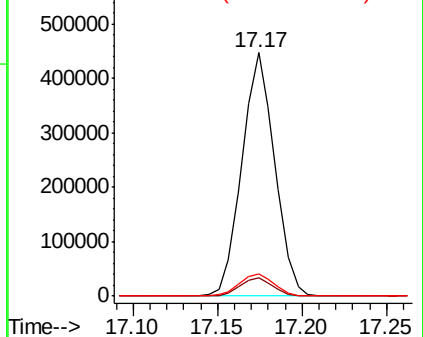
Tgt Ion:	188	Resp:	604327
Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.8	8.6
80	9.2	7.4	11.2

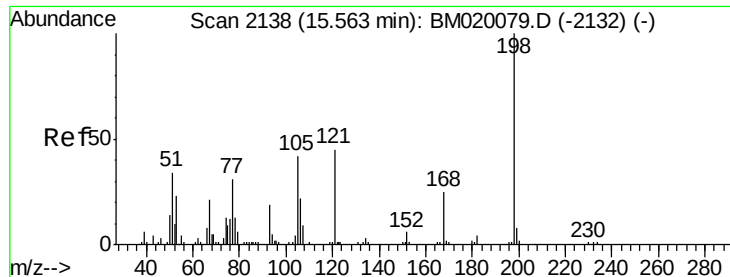


Abundance Ion 188.00 (187.70 to 188.70): BM020132.D (-2396) (-)

Ion 94.00 (93.70 to 94.70): BM020132.D (-2396) (-)

Ion 80.00 (79.70 to 80.70): BM020132.D (-2396) (-)

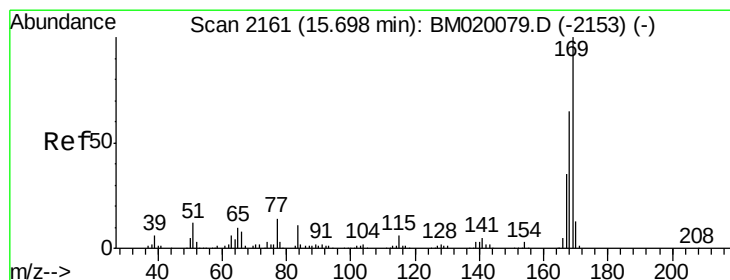
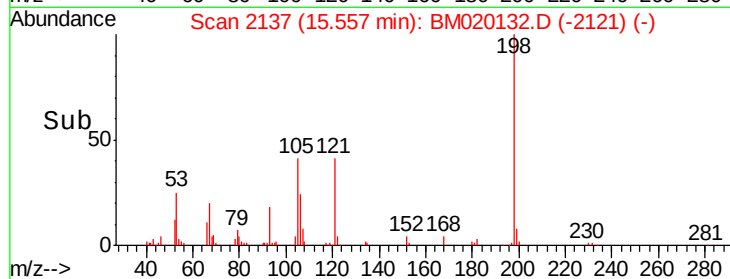
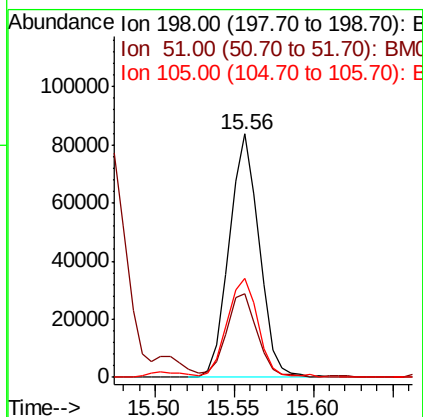
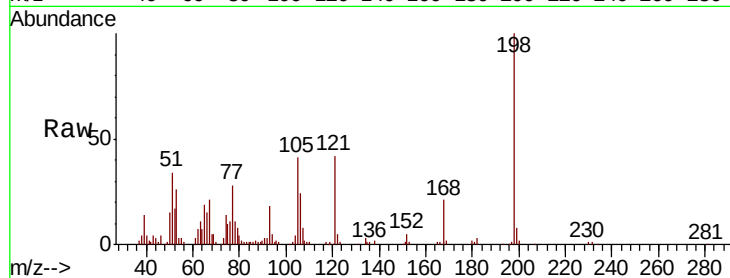




#65
4,6-Dinitro-2-methylphenol
Concen: 37.753 ng
RT: 15.56 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

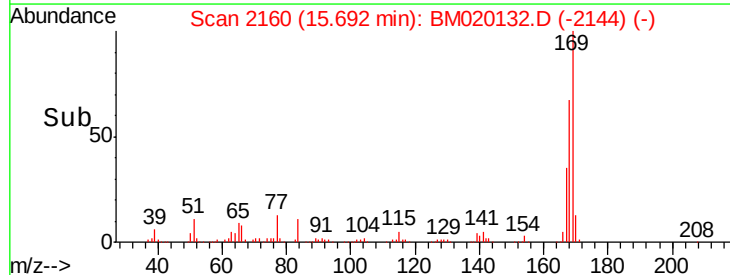
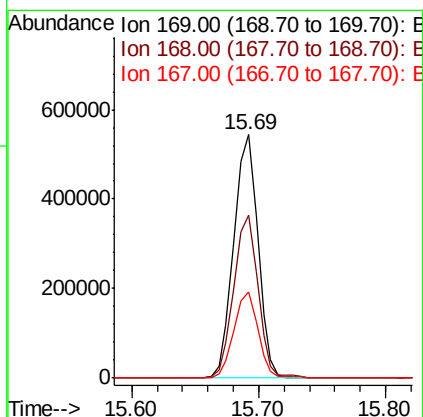
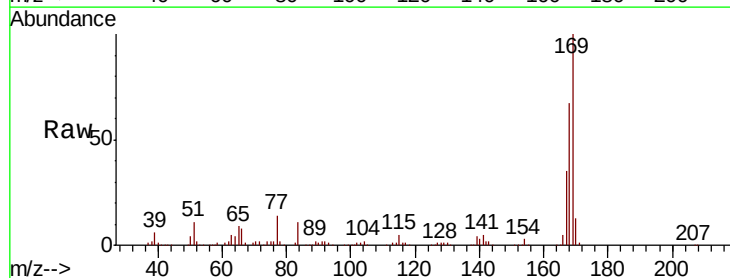
Instrument :
BNA_M
ClientSampleId :
PB119435BS

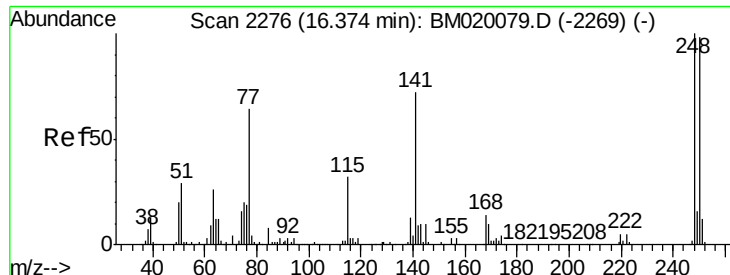
Tgt Ion:198 Resp: 109638
Ion Ratio Lower Upper
198 100
51 34.2 16.5 56.5
105 40.7 22.8 62.8



#66
n-Nitrosodiphenylamine
Concen: 40.097 ng
RT: 15.69 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion:169 Resp: 713025
Ion Ratio Lower Upper
169 100
168 67.1 51.9 77.9
167 35.3 27.8 41.6

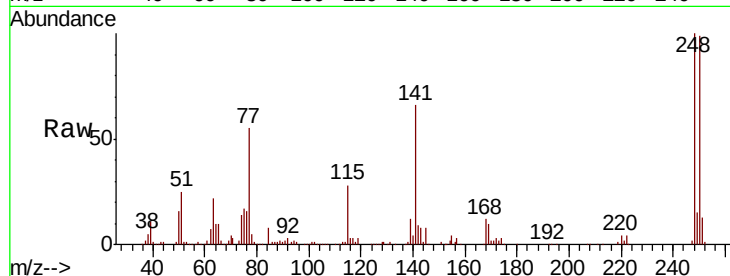




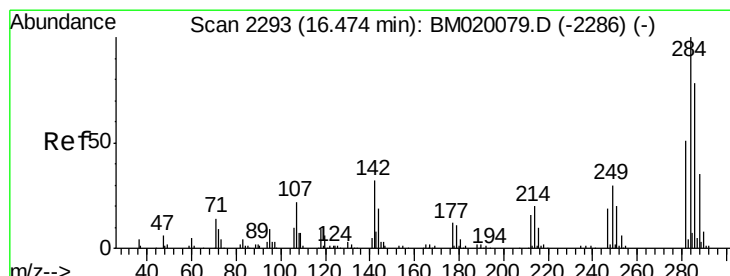
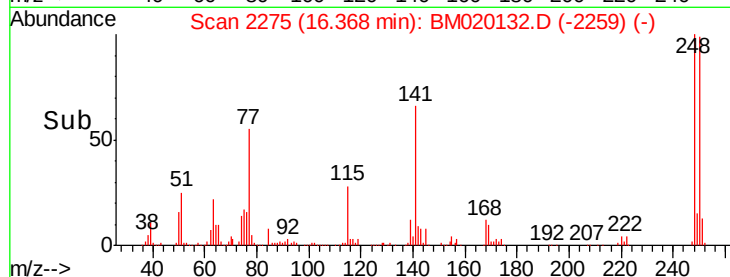
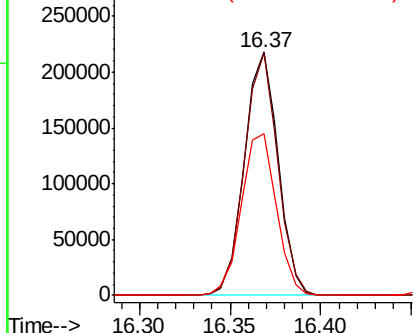
#67
4-Bromophenyl-phenylether
Concen: 38.021 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tgt Ion:248 Resp: 281761
Ion Ratio Lower Upper
248 100
250 99.4 78.4 117.6
141 66.4 57.4 86.2

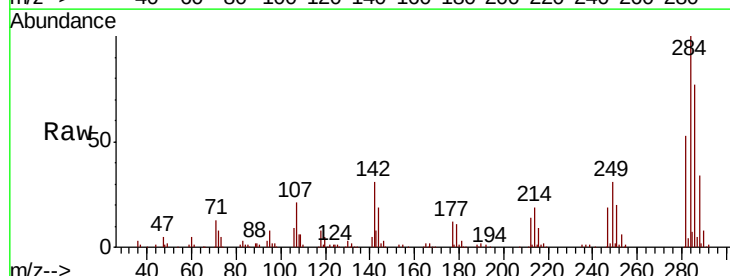


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

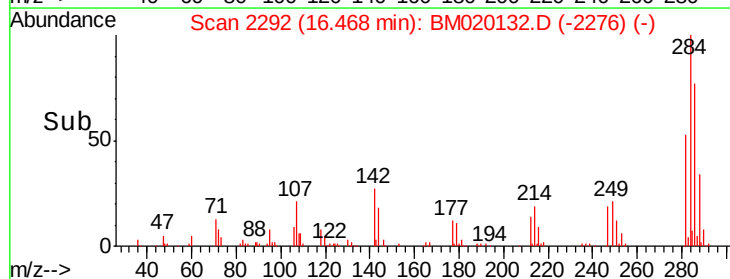
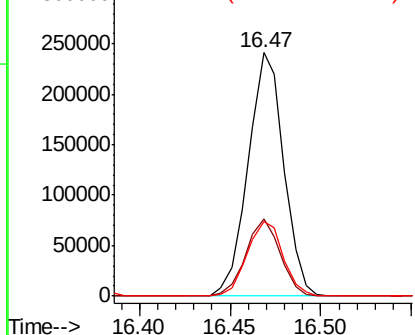


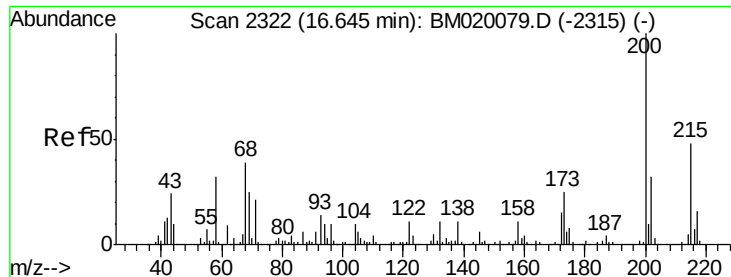
#68
Hexachlorobenzene
Concen: 38.528 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion:284 Resp: 328555
Ion Ratio Lower Upper
284 100
142 31.5 25.2 37.8
249 30.6 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: 35.872 ng

RT: 16.64 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

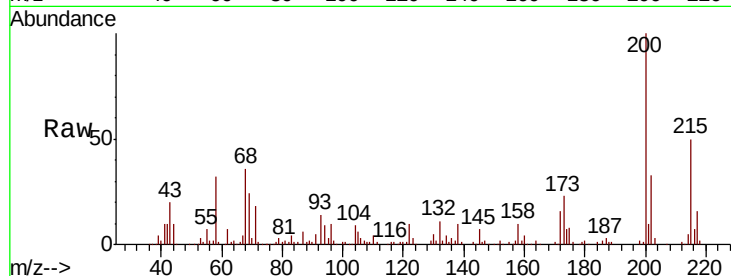
Tgt Ion:200 Resp: 249291

Ion Ratio Lower Upper

200 100

173 23.3 4.6 44.6

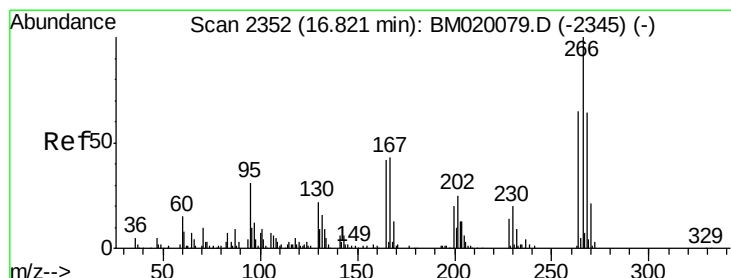
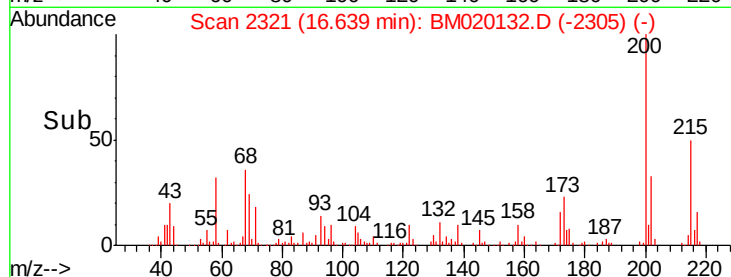
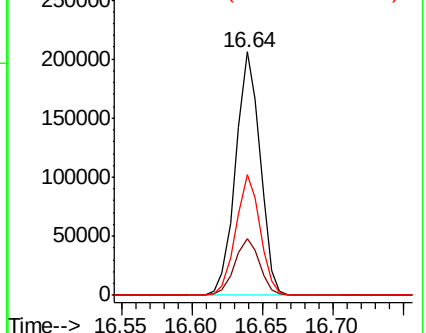
215 49.8 28.0 68.0



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: 83.352 ng

RT: 16.82 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

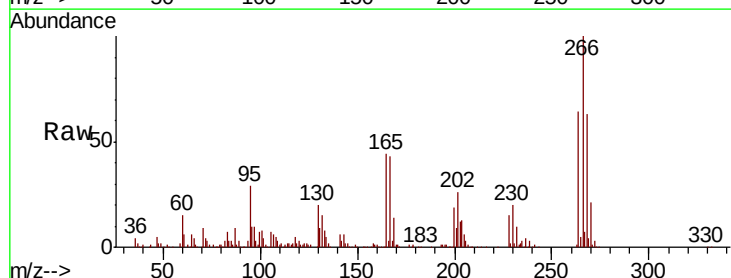
Tgt Ion:266 Resp: 406691

Ion Ratio Lower Upper

266 100

268 62.7 51.4 77.0

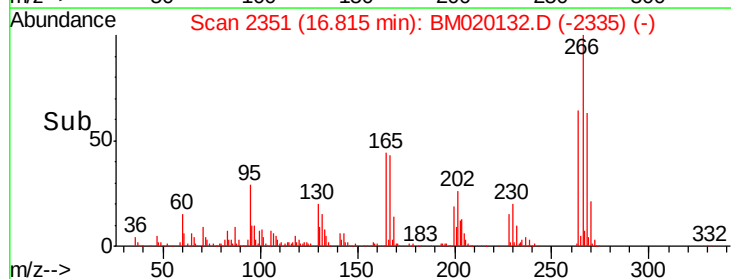
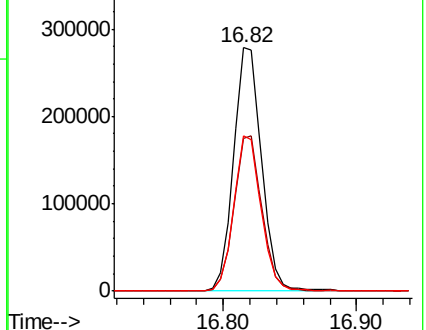
264 63.6 52.0 78.0

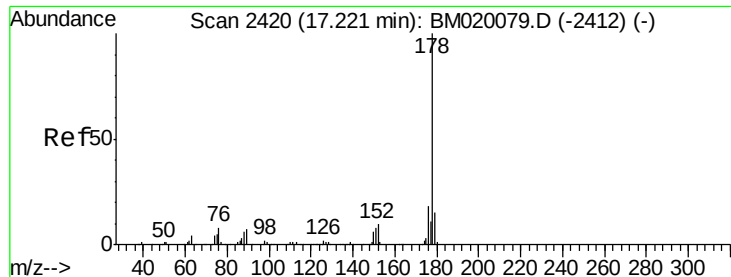


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

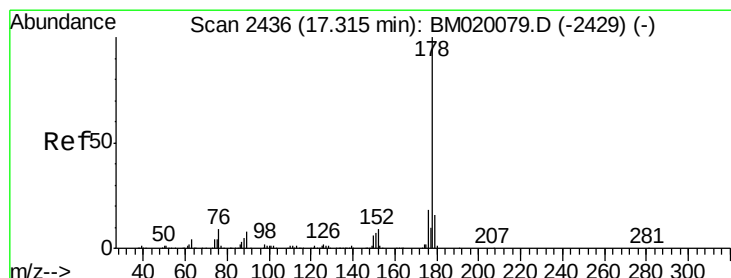
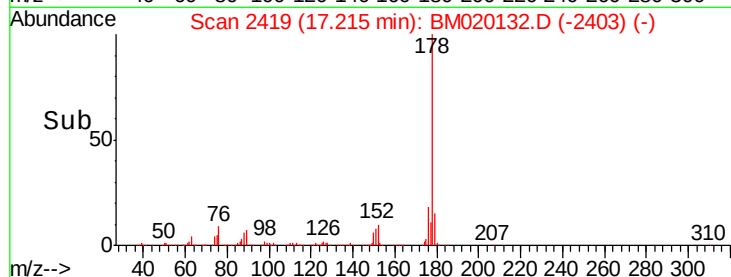
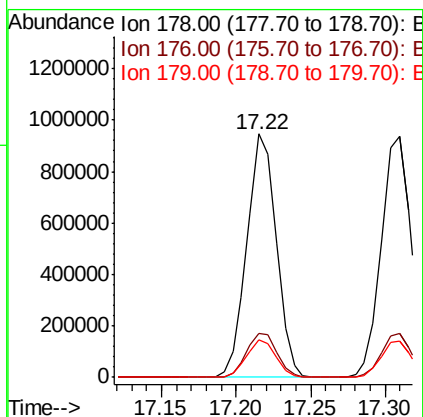
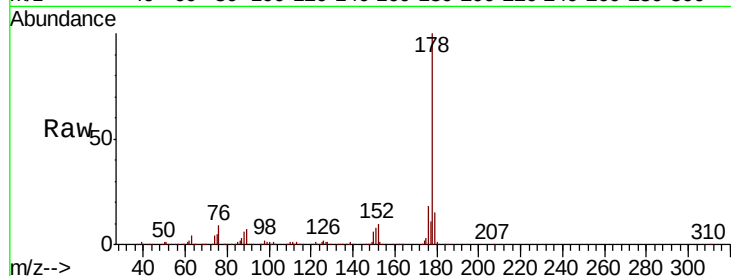




#71
Phenanthrene
Concen: 38.679 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

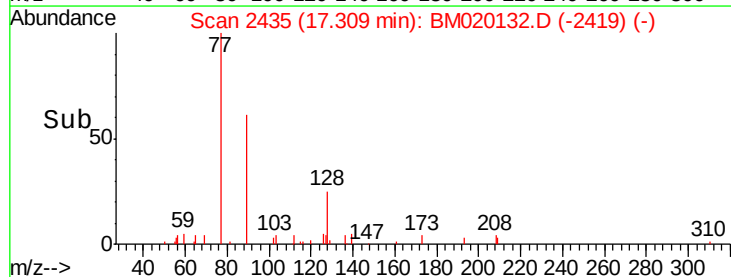
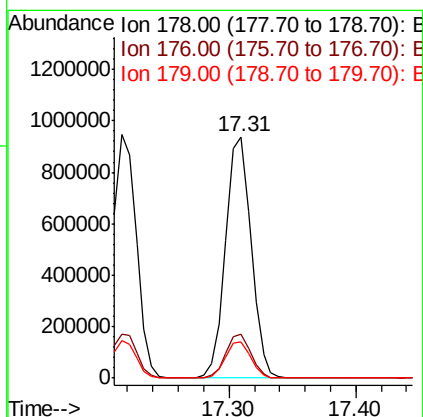
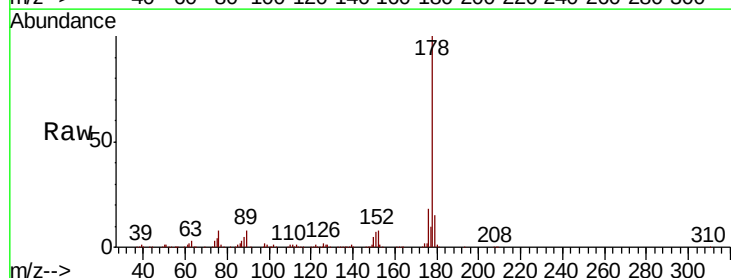
Instrument :
BNA_M
ClientSampleId :
PB119435BS

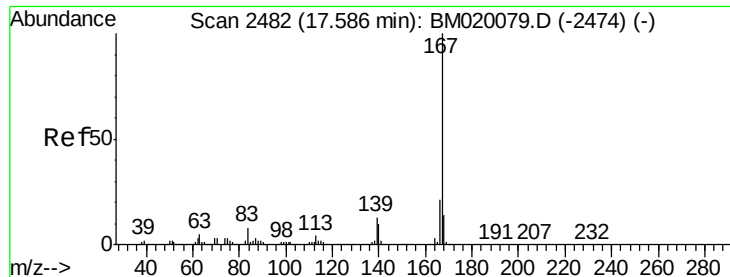
Tgt Ion:178 Resp: 1290312
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.4 12.4 18.6



#72
Anthracene
Concen: 39.211 ng
RT: 17.31 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion:178 Resp: 1307816
Ion Ratio Lower Upper
178 100
176 18.0 14.6 22.0
179 15.0 12.4 18.6

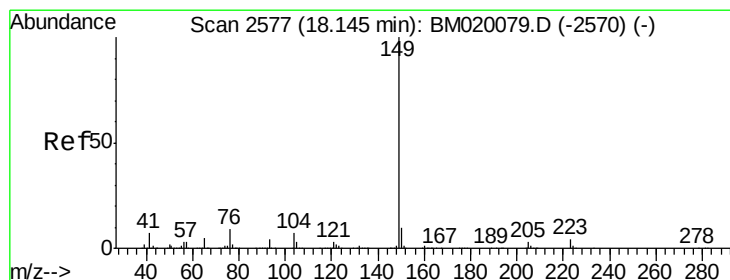
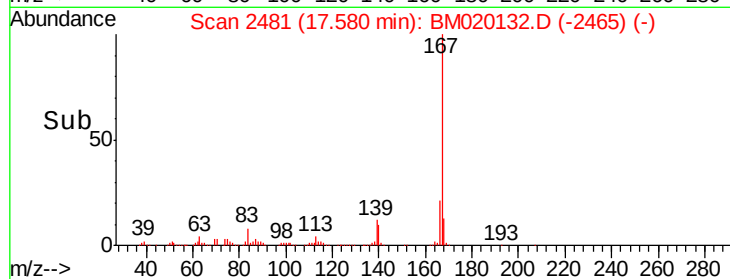
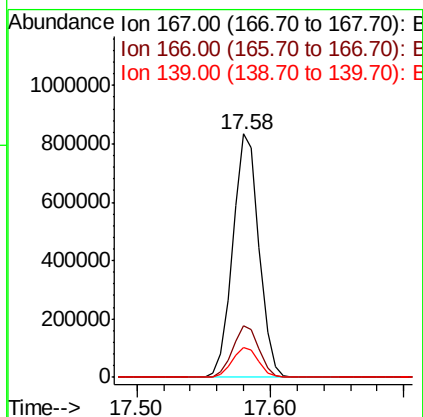
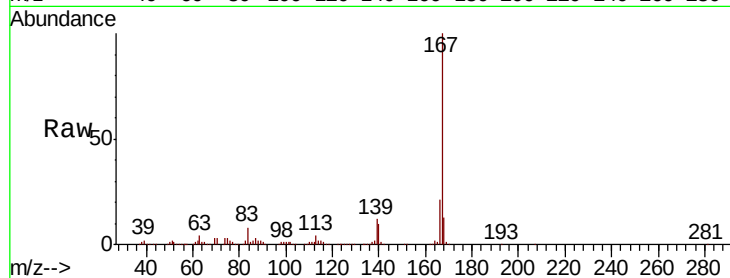




#73
 Carbazole
 Concen: 37.862 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

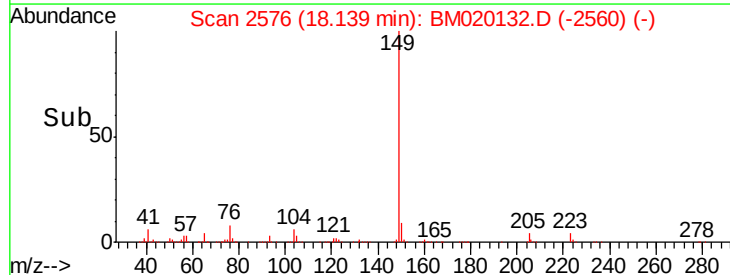
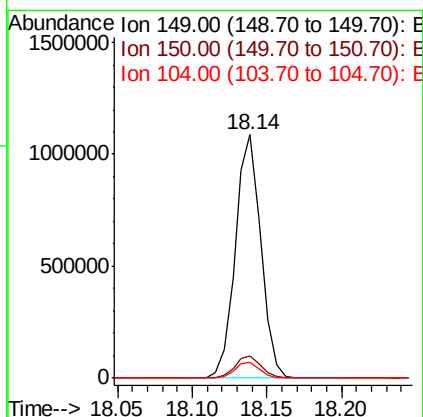
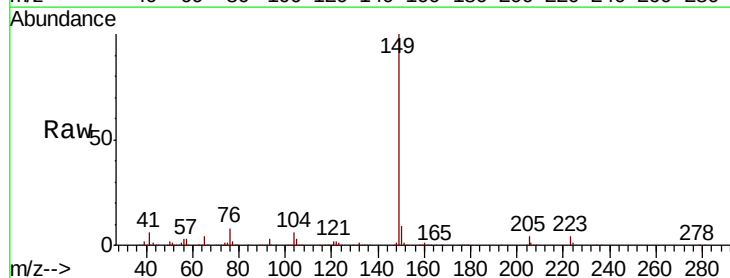
Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

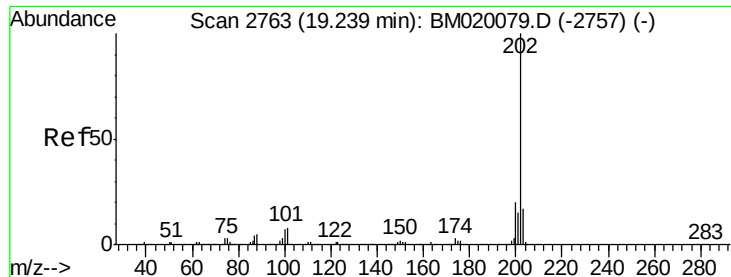
Tgt Ion:167 Resp: 1139456
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 12.1 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 35.737 ng
 RT: 18.14 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion:149 Resp: 1294342
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.8 11.6
 104 6.4 5.7 8.5





#75

Fluoranthene

Concen: 37.058 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

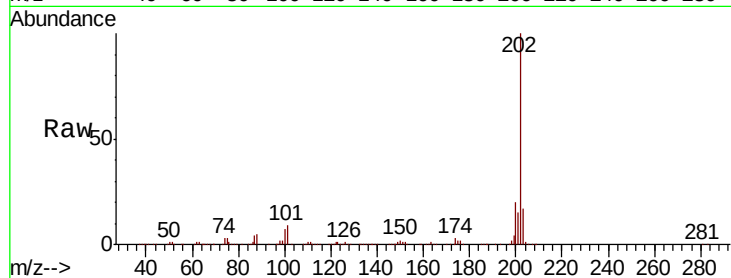
Tgt Ion:202 Resp: 1564133

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.4

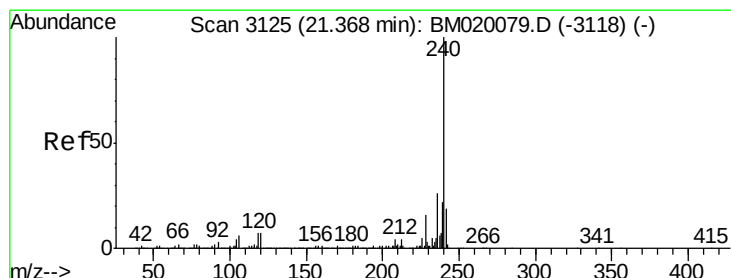
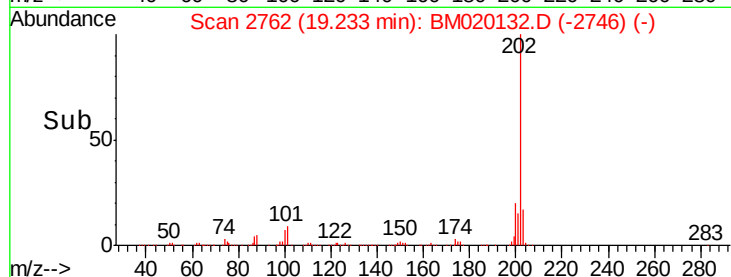
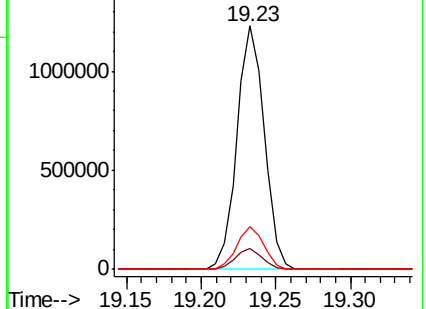
203 17.5 0.0 37.4



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: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

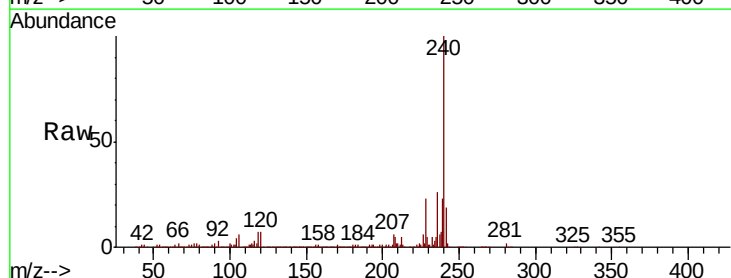
Tgt Ion:240 Resp: 639035

Ion Ratio Lower Upper

240 100

120 7.4 5.6 8.4

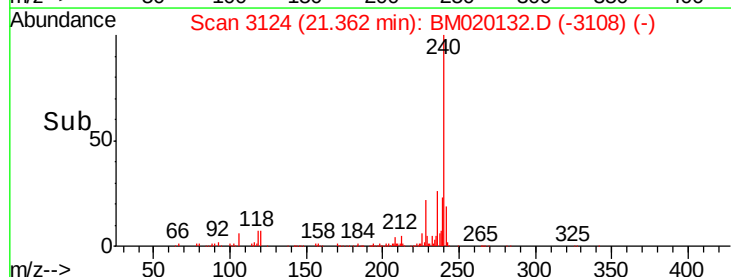
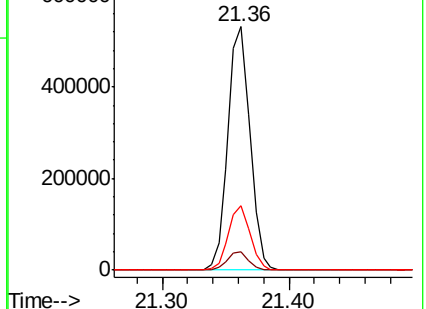
236 26.3 20.9 31.3

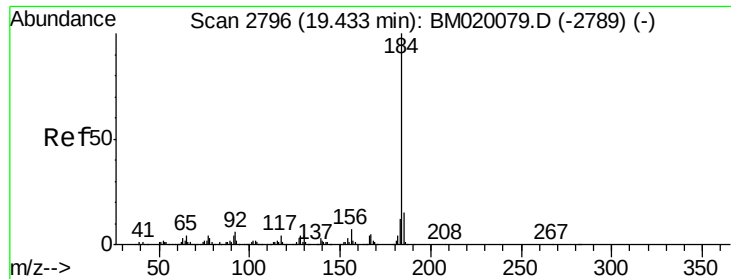


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.299 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

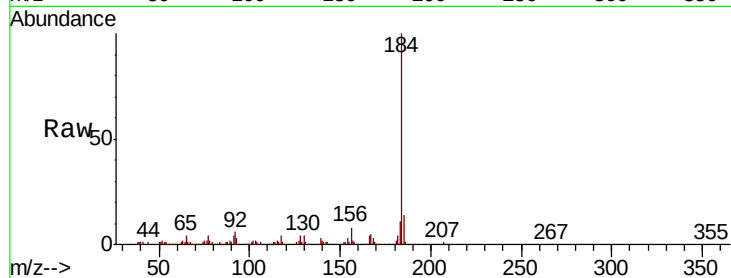
Tgt Ion:184 Resp: 782467

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

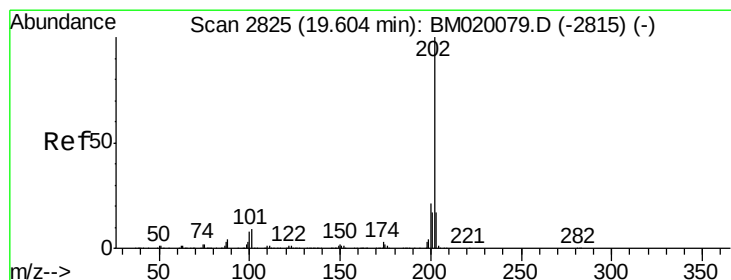
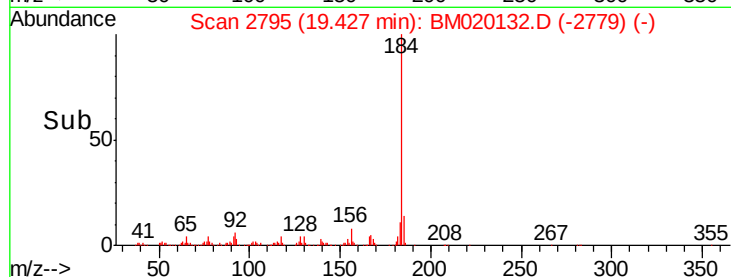
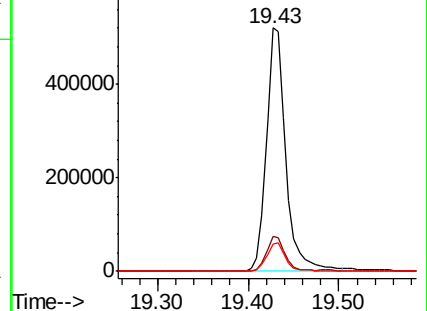
183 11.4 9.5 14.3



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: 37.925 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

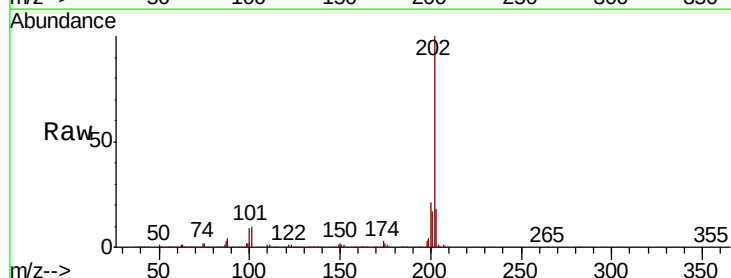
Tgt Ion:202 Resp: 1627141

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

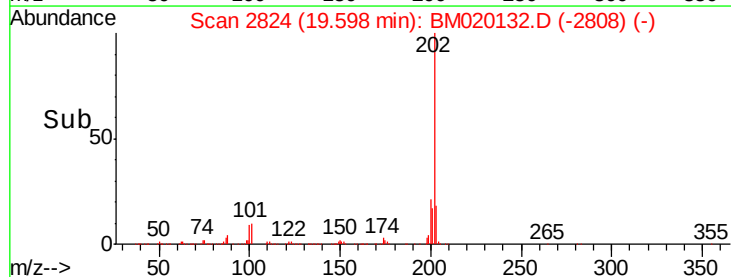
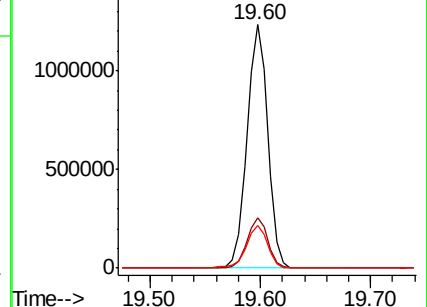
203 17.6 13.9 20.9

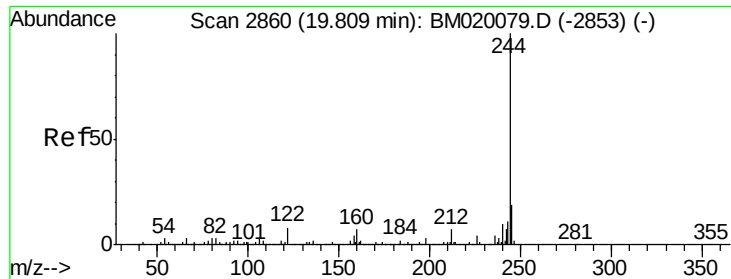


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.975 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

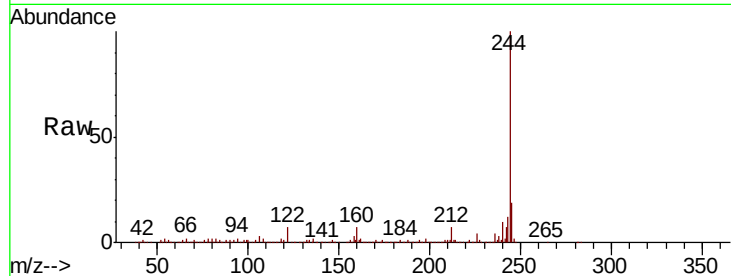
Tgt Ion:244 Resp: 2636965

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

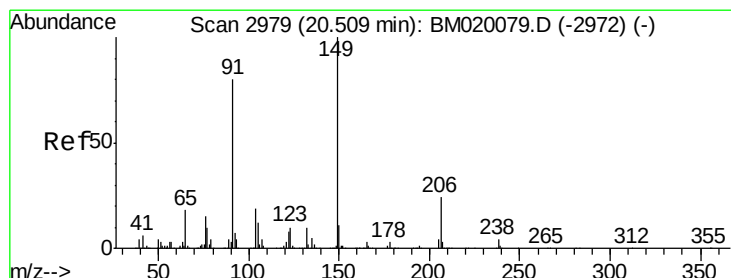
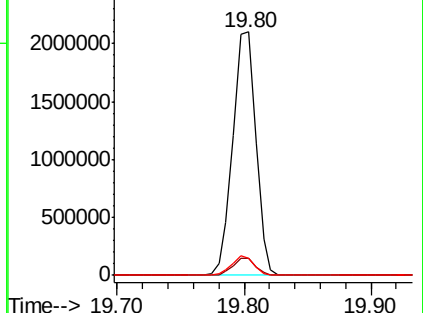
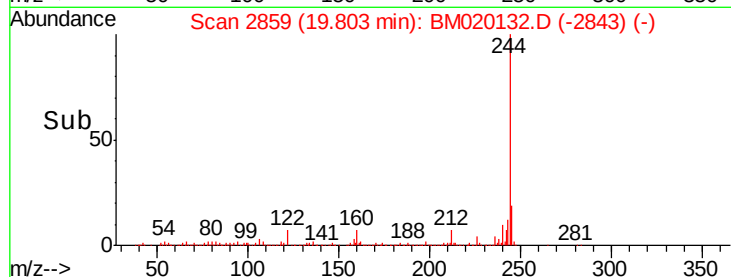
122 7.0 6.2 9.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.775 ng

RT: 20.50 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

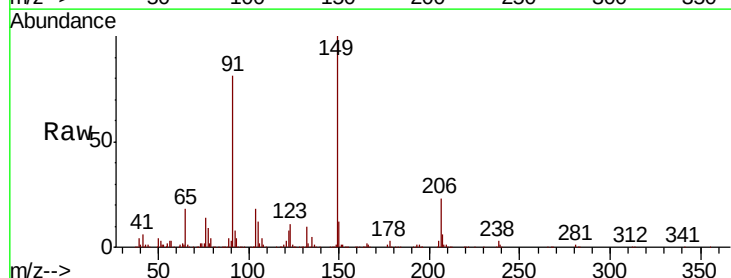
Tgt Ion:149 Resp: 589368

Ion Ratio Lower Upper

149 100

91 80.8 63.8 95.8

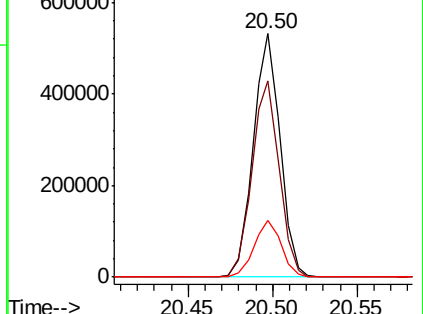
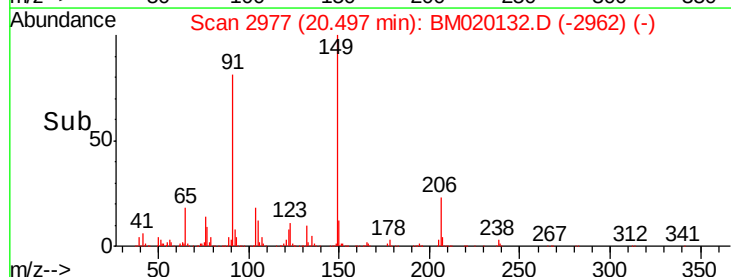
206 23.4 18.9 28.3

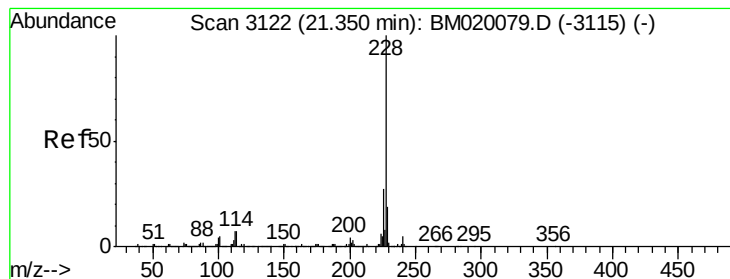


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.161 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

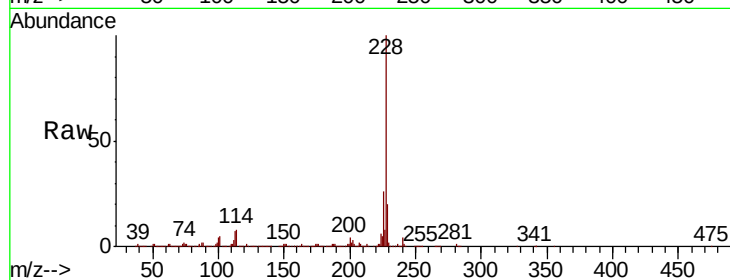
BNA_M

ClientSampleId :

PB119435BS

Tgt Ion:228 Resp: 1665398

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.3	31.9
229	19.5	15.5	23.3

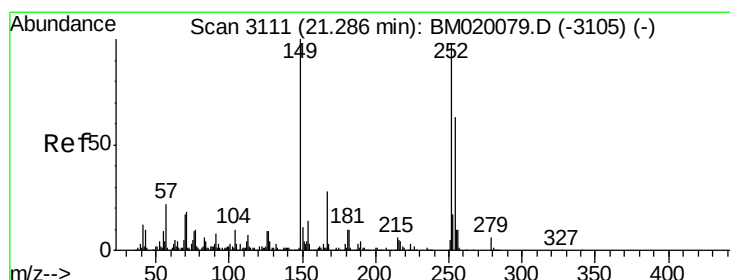
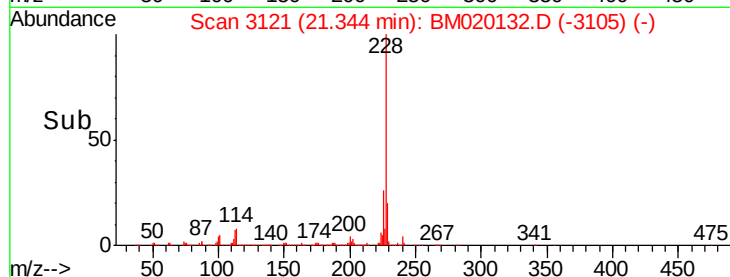
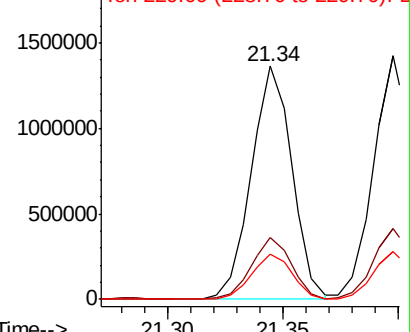


Abundance

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: 36.158 ng

RT: 21.29 min Scan# 3111

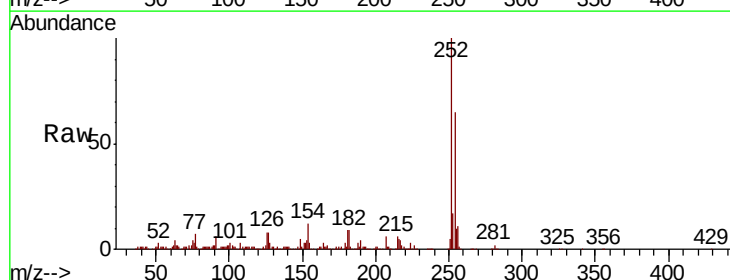
Delta R.T. -0.00 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Tgt Ion:252 Resp: 618462

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.1	76.7
126	7.8	7.1	10.7

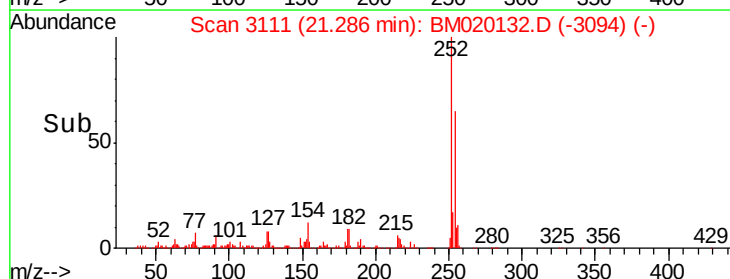
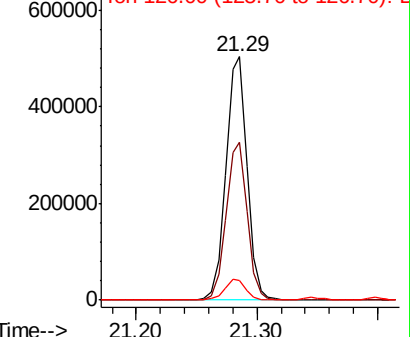


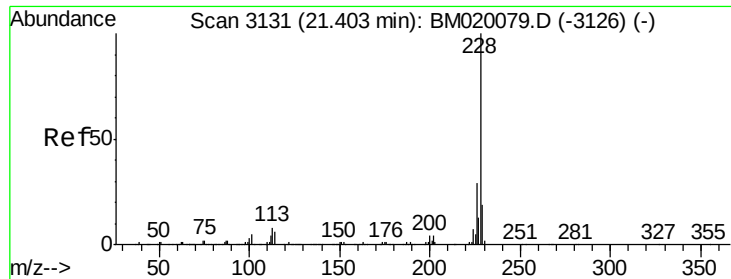
Abundance

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: 38.183 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

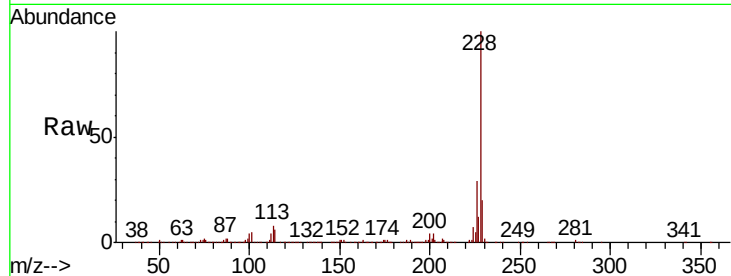
BNA_M

ClientSampleId :

PB119435BS

Tgt Ion:228 Resp: 1659563

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	19.5	15.5	23.3

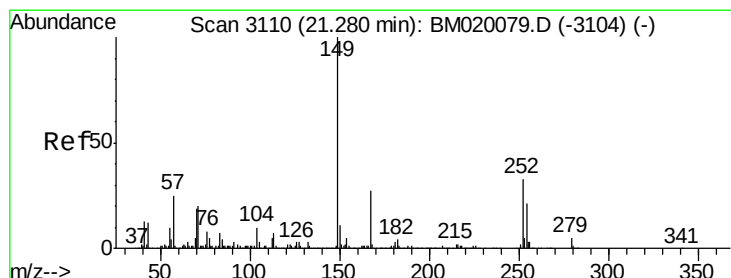
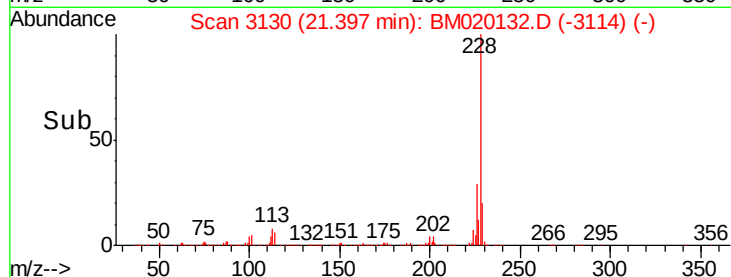
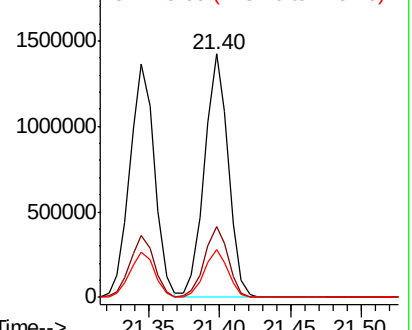


Abundance

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: 35.421 ng

RT: 21.27 min Scan# 3108

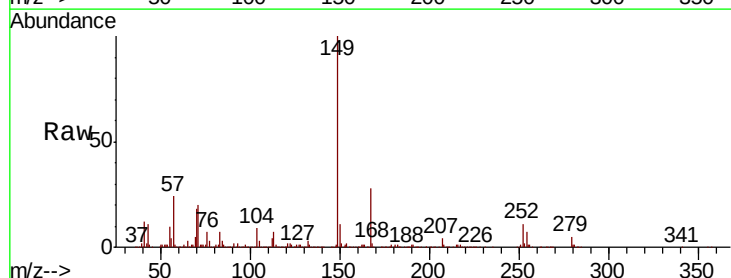
Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Tgt Ion:149 Resp: 857568

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.8
279	5.2	4.2	6.2

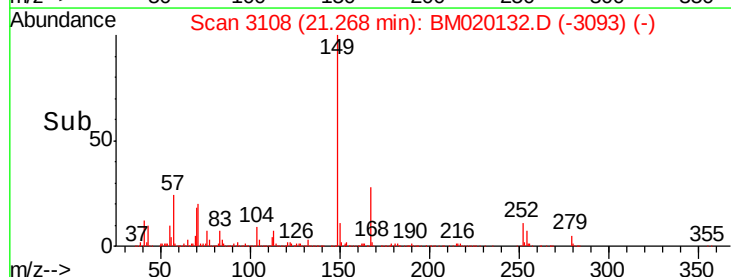
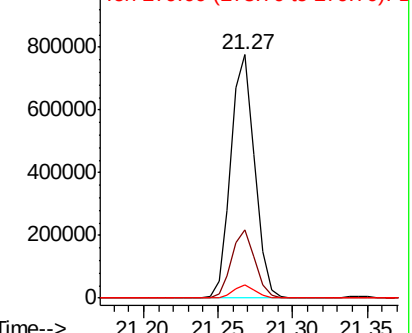


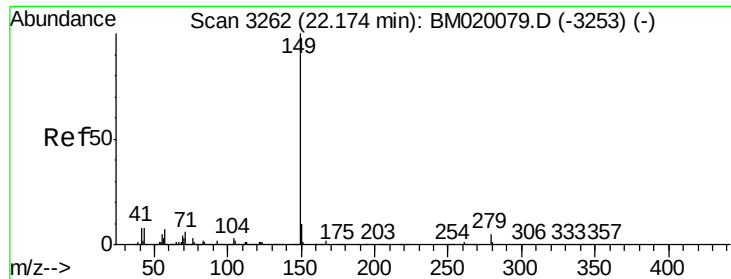
Abundance

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: 37.426 ng

RT: 22.16 min Scan# 3259

Delta R.T. -0.02 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

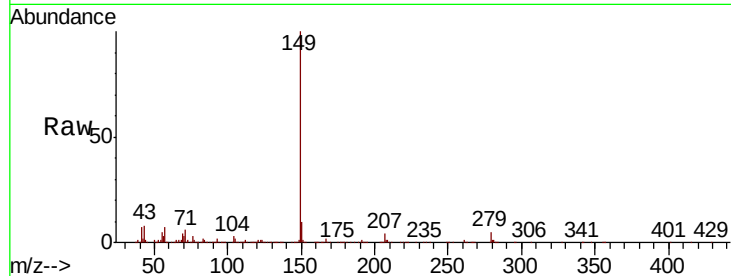
Tgt Ion:149 Resp: 1505996

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

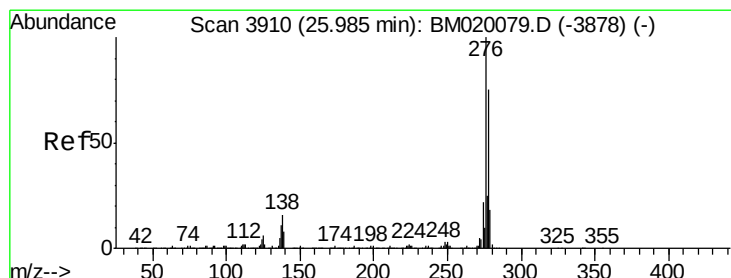
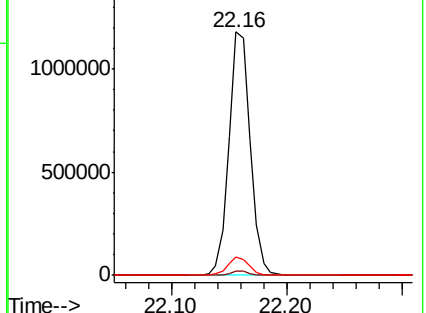
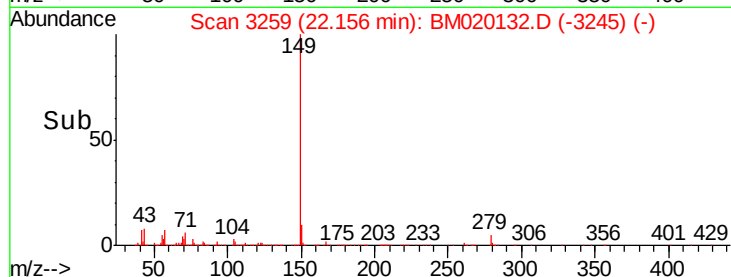
43 7.4 6.5 9.7



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: 44.079 ng

RT: 25.97 min Scan# 3908

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

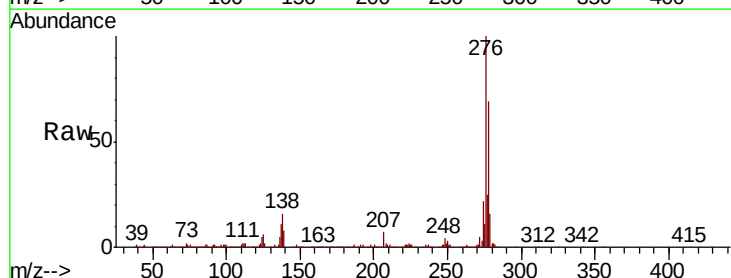
Tgt Ion:276 Resp: 2278820

Ion Ratio Lower Upper

276 100

138 16.8 0.0 0.0#

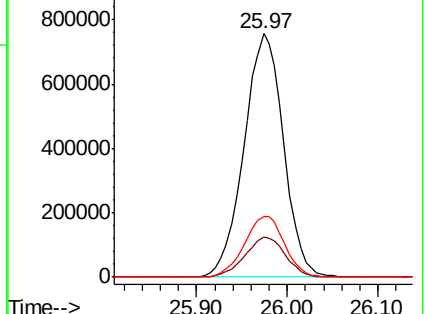
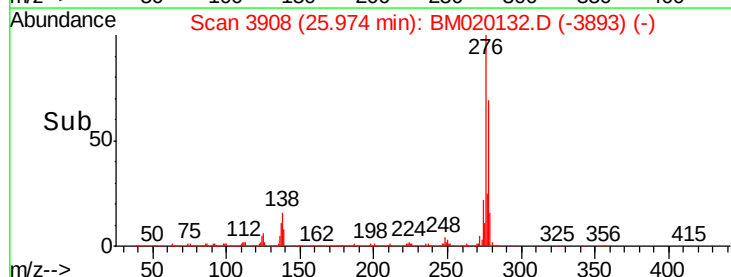
277 25.4 0.0 0.0#

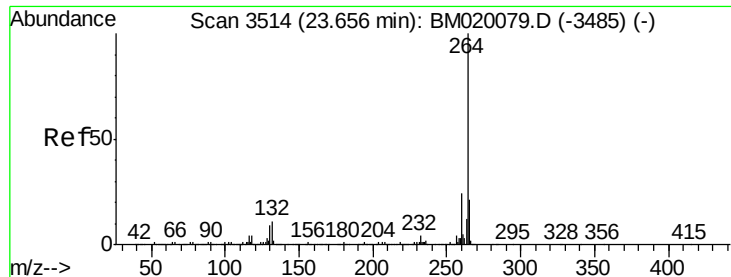


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



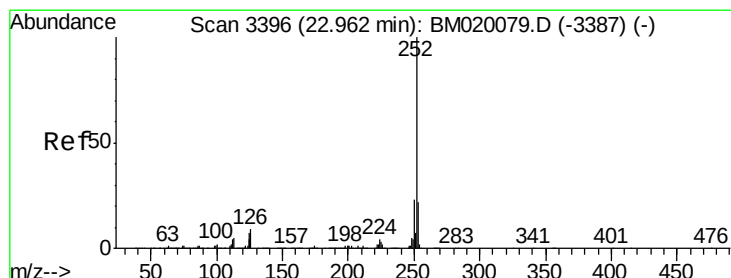
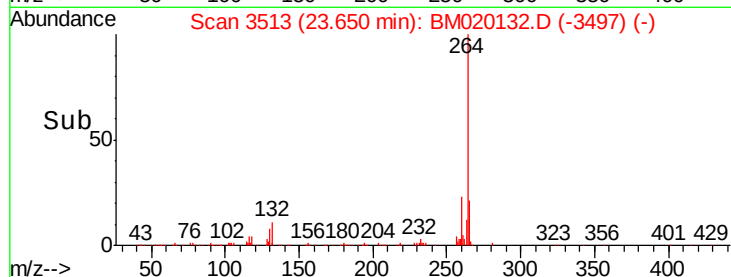
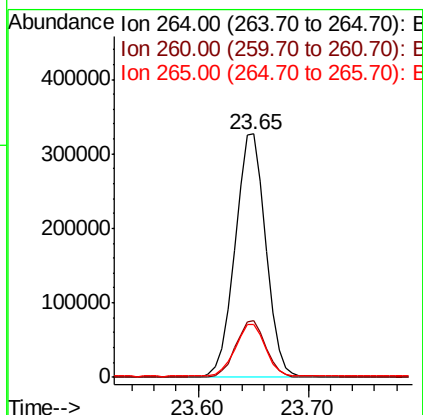
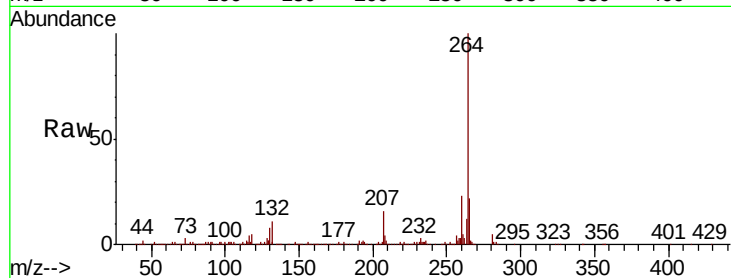


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.65 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tgt Ion: 264 Resp: 639450

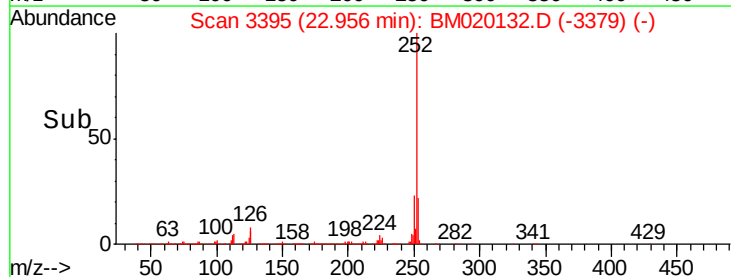
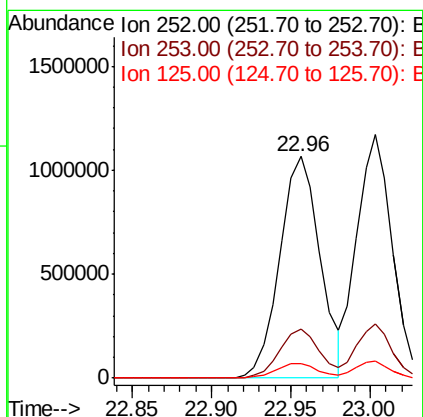
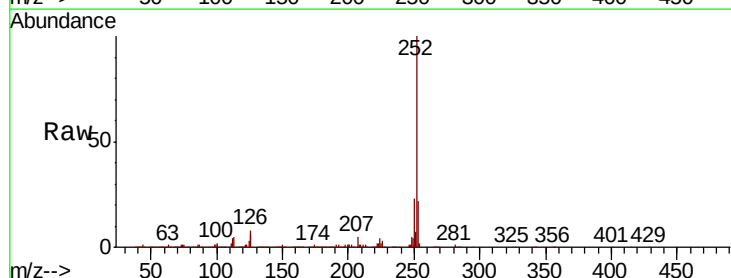
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	16.9	25.3

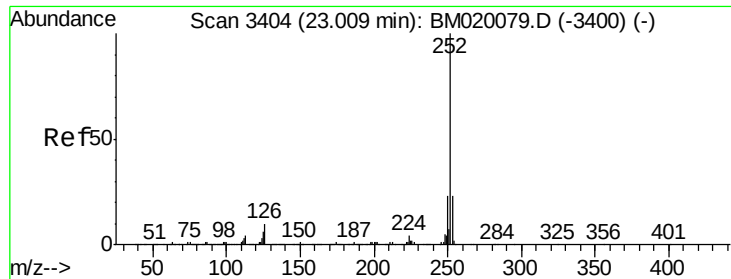


#88
Benzo(b)fluoranthene
Concen: 44.714 ng
RT: 22.96 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion: 252 Resp: 1888086

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	6.4	5.4	8.2





#89

Benzo(k)fluoranthene

Concen: 47.046 ng

RT: 23.00 min Scan# 3403

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

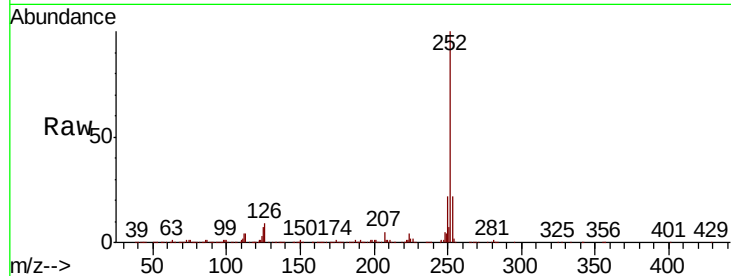
Tgt Ion:252 Resp: 1812119

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 6.9 5.4 8.0

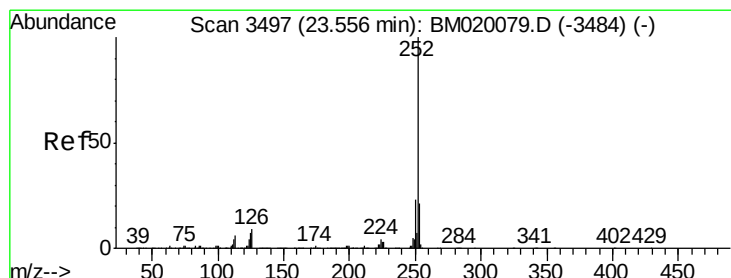
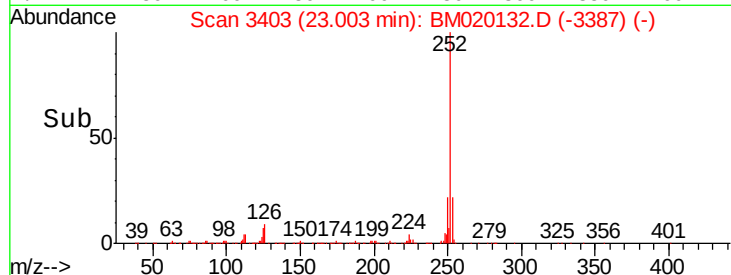
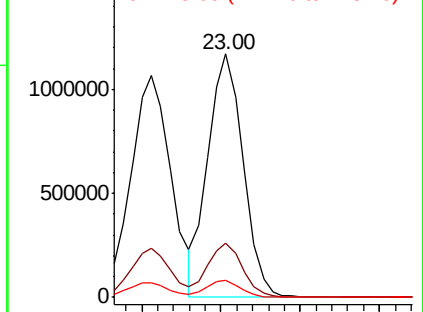


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.828 ng

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

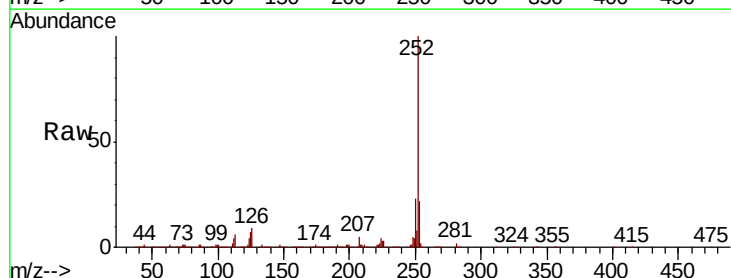
Tgt Ion:252 Resp: 1834435

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 7.2 5.5 8.3

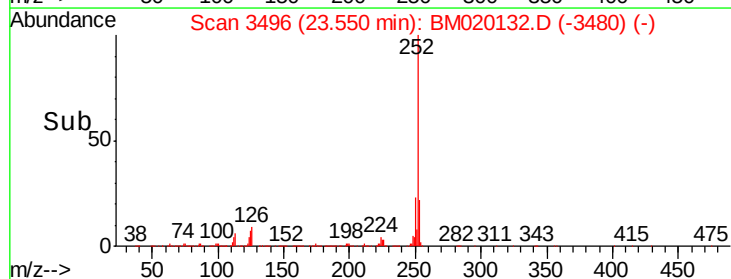
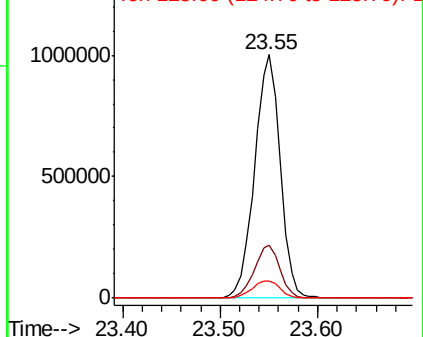


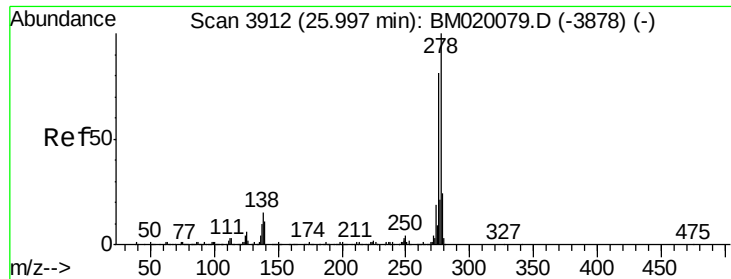
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

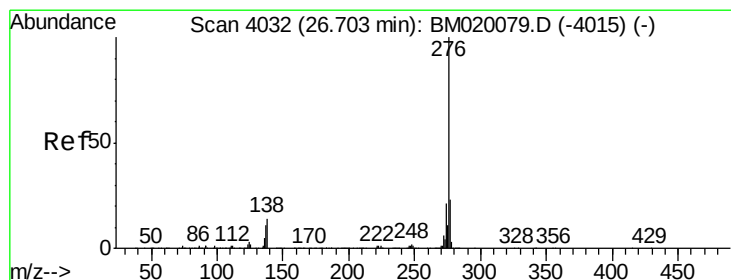
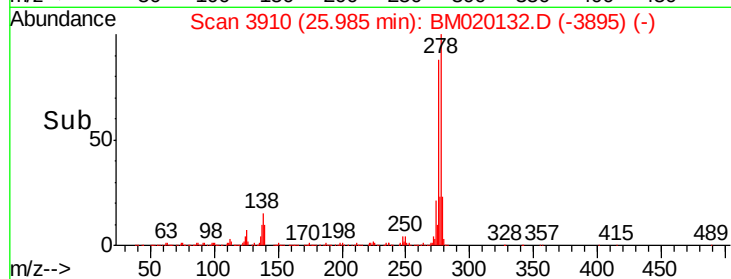
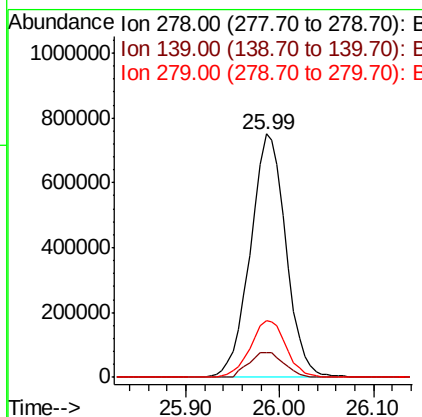
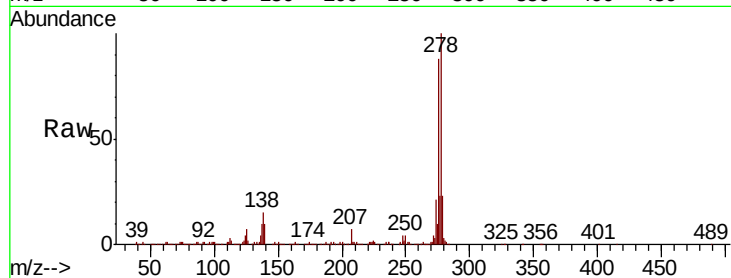




#91
 Dibenzo(a,h)anthracene
 Concen: 49.204 ng
 RT: 25.99 min Scan# 3910
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

Tgt Ion: 278 Resp: 1962613
 Ion Ratio Lower Upper
 278 100
 139 10.3 8.6 13.0
 279 23.5 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 50.572 ng
 RT: 26.69 min Scan# 4030
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion: 276 Resp: 1915130
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.4 27.6
 138 14.0 11.1 16.7

