

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051019\
 Data File : BM020244.D
 Acq On : 10 May 2019 16:28
 Operator : JU/SJ
 Sample : K2555-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

Quant Time: May 11 01:49:11 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	7.77	152	66232	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	283393	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	200670	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	515719	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	598816	20.00	ng	0.00
87) Perylene-d12	23.65	264	673888	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	255807	63.13	ng	-0.01
7) Phenol-d6	6.94	99	236066	42.65	ng	-0.01
23) Nitrobenzene-d5	8.95	82	640506	89.23	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	459282	147.45	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1409635	86.43	ng	-0.02
79) Terphenyl-d14	19.80	244	3093782	90.12	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	28385	14.284	ng	# 93
3) Pyridine	3.69	79	76013	14.956	ng	96
4) n-Nitrosodimethylamine	3.61	42	26209	16.081	ng	# 81
6) Aniline	7.11	93	164011	23.537	ng	98
8) 2-Chlorophenol	7.34	128	158591	35.946	ng	95
9) Benzaldehyde	6.93	77	63203	15.086	ng	90
10) Phenol	6.97	94	82238	13.800	ng	91
11) bis(2-Chloroethyl)ether	7.20	93	199491	46.059	ng	96
12) 1,3-Dichlorobenzene	7.66	146	188433	36.709	ng	96
13) 1,4-Dichlorobenzene	7.81	146	194585	37.524	ng	96
14) 1,2-Dichlorobenzene	8.12	146	190541	38.568	ng	98
15) Benzyl Alcohol	8.02	79	150033	28.108	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	160434	44.671	ng	98
17) 2-Methylphenol	8.22	107	124110	32.353	ng	96
18) Hexachloroethane	8.84	117	73606	34.043	ng	98
19) n-Nitroso-di-n-propylamine	8.58	70	222214	46.921	ng	95
20) 3+4-Methylphenols	8.55	107	145706	28.579	ng	96
22) Acetophenone	8.60	105	352691	45.537	ng	# 95
24) Nitrobenzene	8.99	77	315565	42.400	ng	95
25) Isophorone	9.50	82	581308	46.961	ng	98
26) 2-Nitrophenol	9.69	139	107167	47.696	ng	89
27) 2,4-Dimethylphenol	9.74	122	158650	42.411	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	310587	46.069	ng	99
29) 2,4-Dichlorophenol	10.22	162	196811	41.724	ng	99
30) 1,2,4-Trichlorobenzene	10.43	180	232649	40.084	ng	98
31) Naphthalene	10.62	128	628567	42.741	ng	99
32) Benzoic acid	9.84	122	35149	17.998	ng	# 90
33) 4-Chloroaniline	10.74	127	157106	25.955	ng	96
34) Hexachlorobutadiene	10.88	225	137777	33.557	ng	96
35) Caprolactam	11.56	113	6001	4.255	ng	94
36) 4-Chloro-3-methylphenol	11.86	107	220159	39.717	ng	95
37) 2-Methylnaphthalene	12.23	142	512310	47.784	ng	96
38) 1-Methylnaphthalene	12.45	142	497070	47.412	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	314009	39.996	ng	99

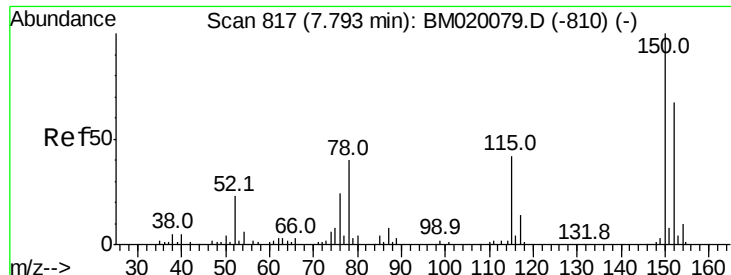
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051019\
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Quant Time: May 11 01:49:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	294526	63.713	ng	99
43) 2,4,6-Trichlorophenol	12.84	196	198157	44.411	ng	100
44) 2,4,5-Trichlorophenol	12.92	196	215157	43.164	ng	97
46) 1,1'-Biphenyl	13.25	154	719312	43.550	ng	99
47) 2-Chloronaphthalene	13.29	162	569502	43.185	ng	99
48) 2-Nitroaniline	13.51	65	214806	45.752	ng	91
49) Acenaphthylene	14.14	152	919221	43.554	ng	99
50) Dimethylphthalate	13.89	163	781196	45.803	ng	99
51) 2,6-Dinitrotoluene	14.01	165	171863	47.843	ng	90
52) Acenaphthene	14.49	154	544919	45.024	ng	99
53) 3-Nitroaniline	14.34	138	104604	31.375	ng	93
54) 2,4-Dinitrophenol	14.55	184	176717	96.284	ng	90
55) Dibenzofuran	14.82	168	928432	45.478	ng	96
56) 4-Nitrophenol	14.65	139	88560	31.133	ng	88
57) 2,4-Dinitrotoluene	14.80	165	249169	51.047	ng	93
58) Fluorene	15.47	166	776636	46.321	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	214407	45.264	ng	96
60) Diethylphthalate	15.24	149	790369	45.997	ng	100
61) 4-Chlorophenyl-phenylether	15.46	204	434722	45.761	ng	95
62) 4-Nitroaniline	15.51	138	148807	40.443	ng	90
63) Azobenzene	15.76	77	867159	42.778	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	121743	46.967	ng	93
66) n-Nitrosodiphenylamine	15.69	169	689987	45.468	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	275910	43.629	ng	95
68) Hexachlorobenzene	16.46	284	320787	44.080	ng	98
69) Atrazine	16.64	200	269852	45.503	ng	99
70) Pentachlorophenol	16.82	266	373237	89.638	ng	97
71) Phenanthrene	17.21	178	1301354	45.713	ng	100
72) Anthracene	17.30	178	1328565	46.677	ng	100
73) Carbazole	17.58	167	1199459	46.703	ng	98
74) Di-n-butylphthalate	18.13	149	1427866	46.198	ng	99
75) Fluoranthene	19.23	202	1720155	47.756	ng	99
77) Benzidine	19.42	184	617951	32.278	ng	100
78) Pyrene	19.60	202	1779405	44.260	ng	100
80) Butylbenzylphthalate	20.49	149	727433	49.755	ng	98
81) Benzo(a)anthracene	21.34	228	1871094	44.555	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	528262	32.959	ng	100
83) Chrysene	21.40	228	1851069	45.450	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1067403	47.050	ng	98
85) Di-n-octyl phthalate	22.15	149	1884681	49.983	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	2128112	43.929	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	2046331	45.985	ng	100
89) Benzo(k)fluoranthene	23.00	252	2025000	49.886	ng	99
90) Benzo(a)pyrene	23.55	252	1947525	48.182	ng	98
91) Dibenzo(a,h)anthracene	26.00	278	1866870	44.412	ng	99
92) Benzo(g,h,i)perylene	26.70	276	1672065	41.897	ng	99

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

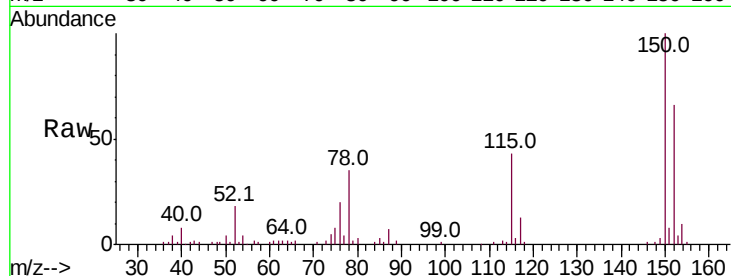


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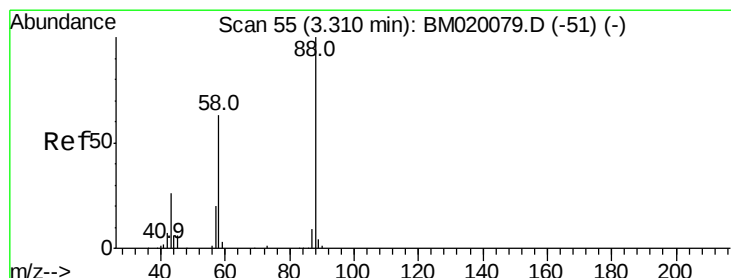
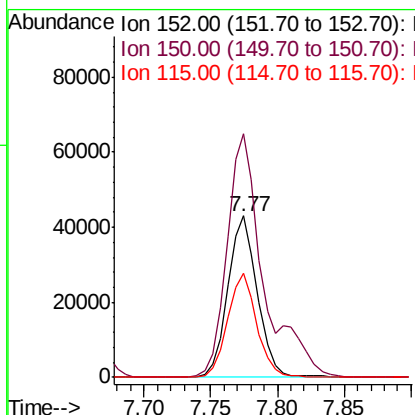
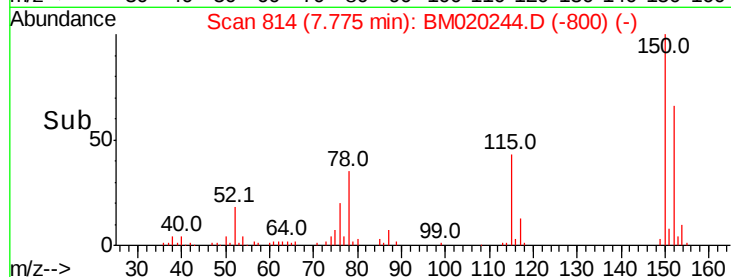
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.77 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

Tot Ion:152 Resp: 66232
 Ion Ratio Lower Upper
 152 100
 150 151.1 119.8 179.8
 115 64.5 50.8 76.2



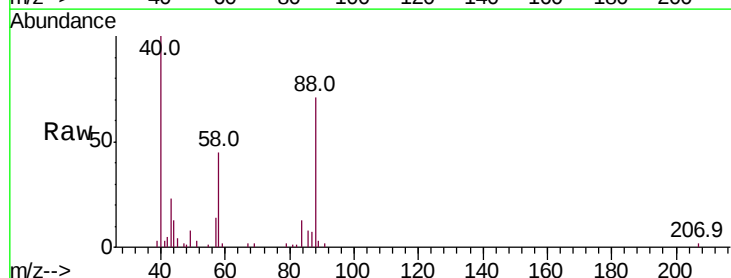
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



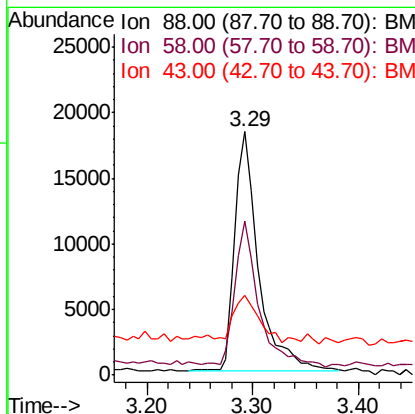
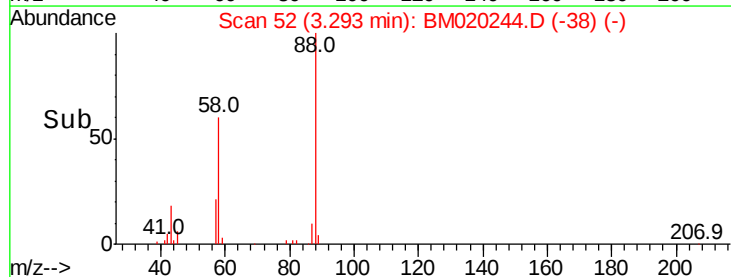
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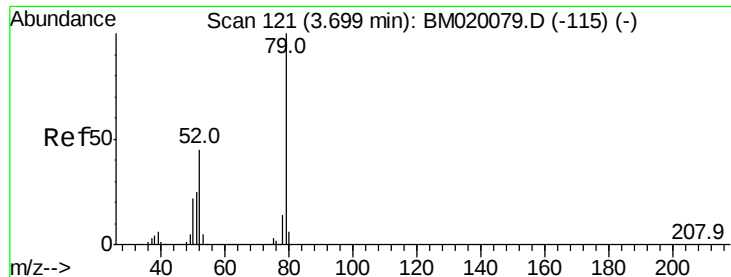
1,4-Dioxane
 Concen: 14.284 ng
 RT: 3.29 min Scan# 52
 Delta R.T. -0.02 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion: 88 Resp: 28385
 Ion Ratio Lower Upper
 88 100
 58 61.2 51.8 77.6
 43 19.3 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

Pvridine

Concen: 14.956 ng

RT: 3.69 min Scan# 120

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

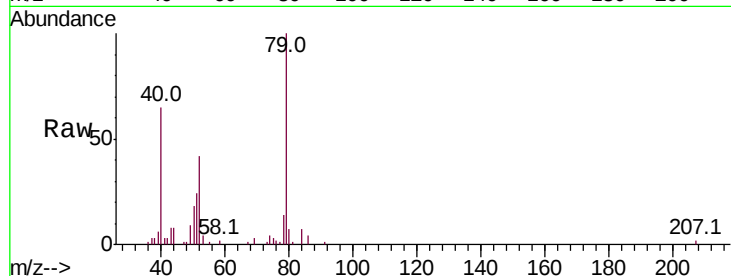
Tot Ion: 79 Resp: 76013

Ion Ratio Lower Upper

79 100

52 41.8 35.7 53.5

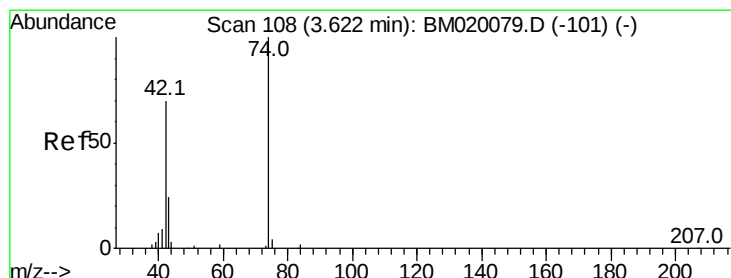
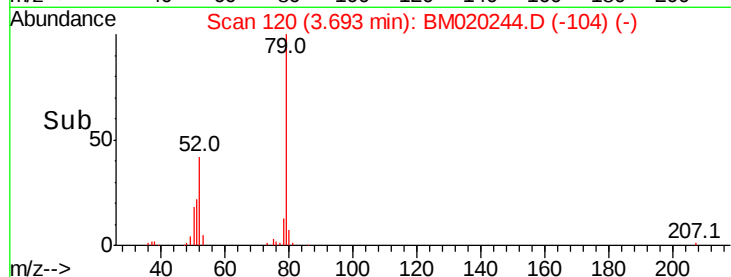
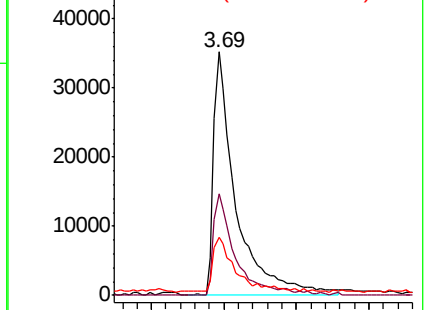
51 23.6 20.8 31.2



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

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

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



#4

n-Nitrosodimethylamine

Concen: 16.081 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

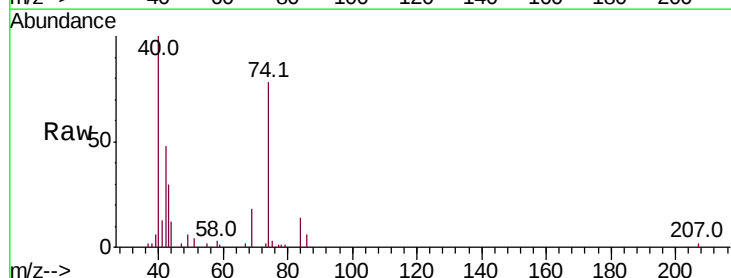
Tgt Ion: 42 Resp: 26209

Ion Ratio Lower Upper

42 100

74 163.5 113.7 170.5

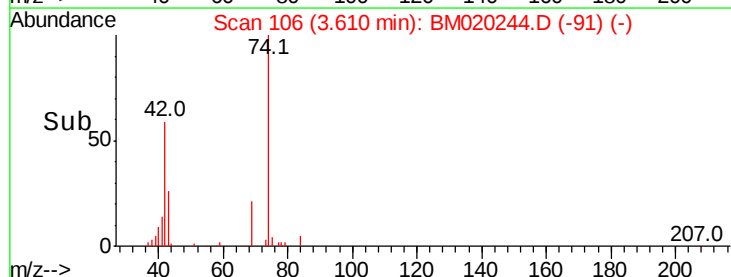
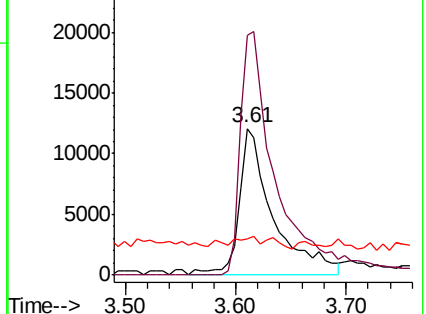
44 24.9 3.9 5.9#

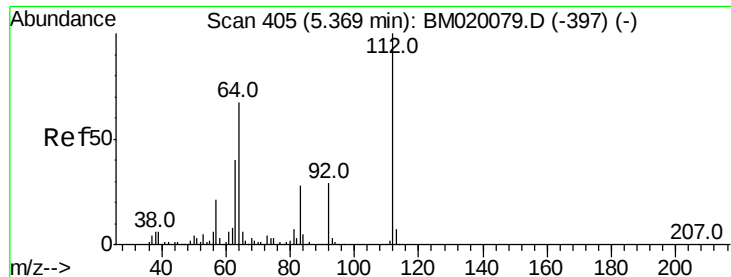


Abundance Ion 42.00 (41.70 to 42.70): BM020079.D (-101) (-)

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

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





#5

2-Fluorophenol

Concen: 63.133 ng

RT: 5.36 min Scan# 403

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

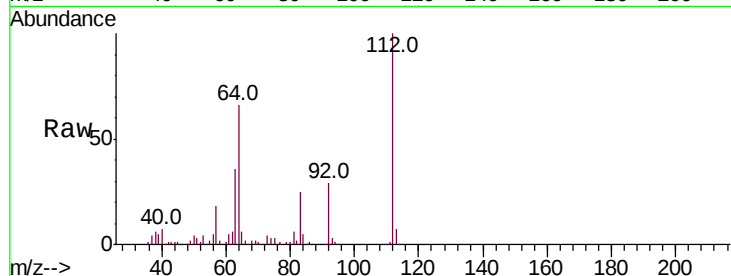
Tot Ion:112 Resp: 255807

Ion Ratio Lower Upper

112 100

64 65.6 53.8 80.6

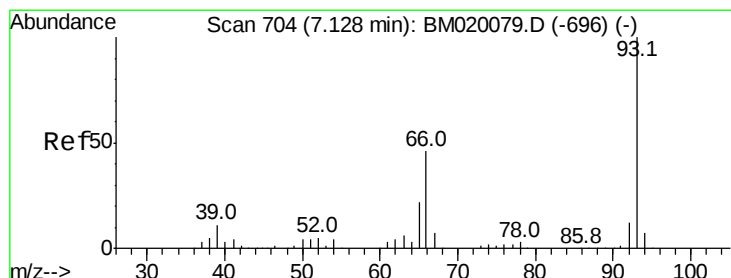
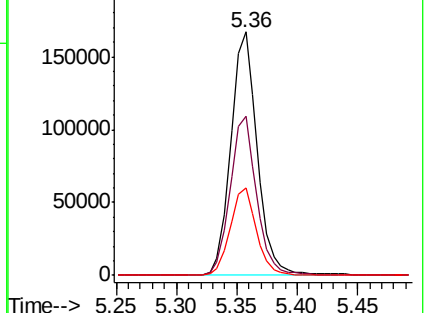
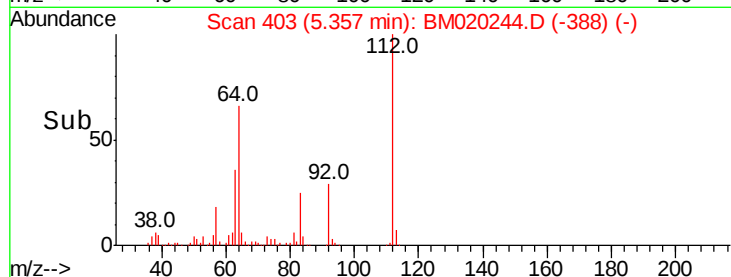
63 36.1 32.3 48.5



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: 23.537 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

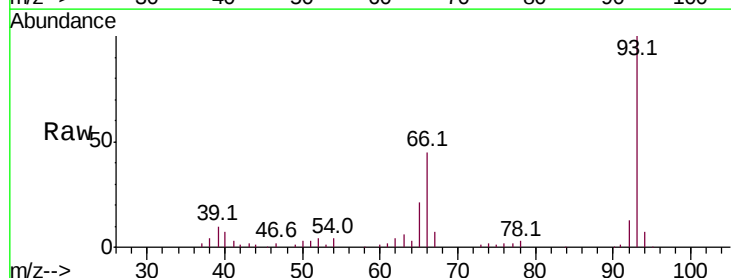
Tgt Ion: 93 Resp: 164011

Ion Ratio Lower Upper

93 100

66 45.1 36.6 54.8

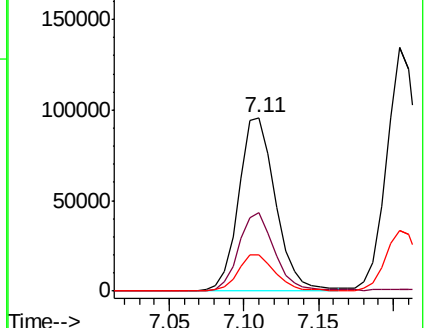
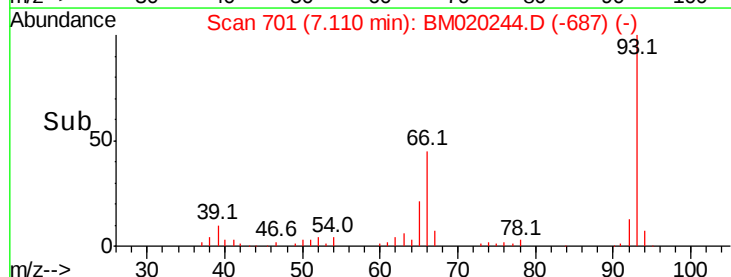
65 20.7 17.8 26.6

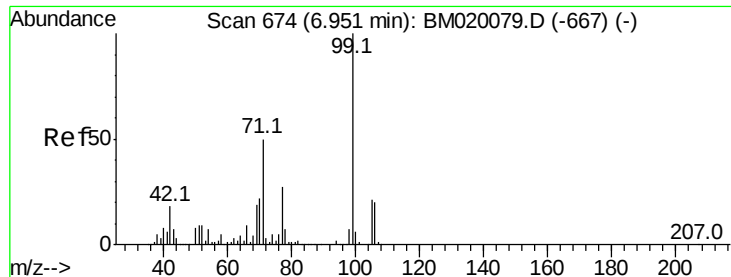


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 42.646 ng

RT: 6.94 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

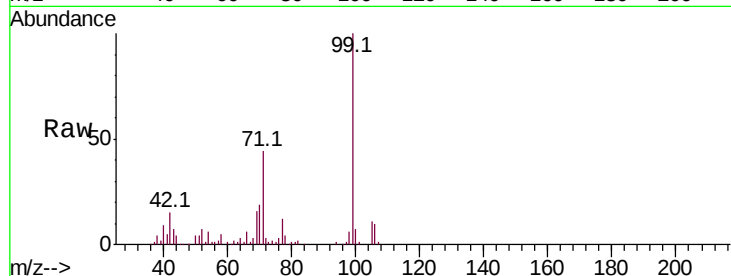
Tot Ion: 99 Resp: 236066

Ion Ratio Lower Upper

99 100

42 15.2 14.2 21.2

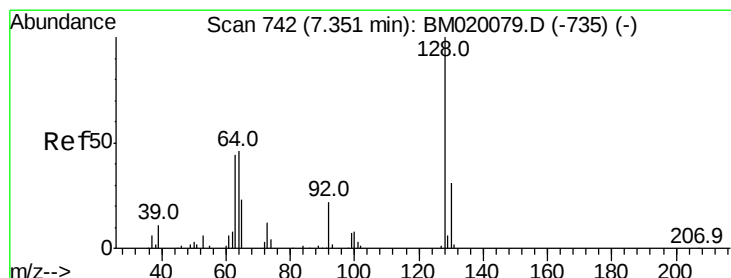
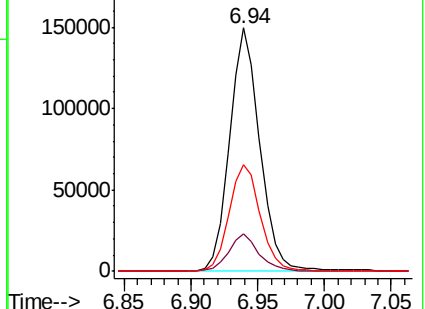
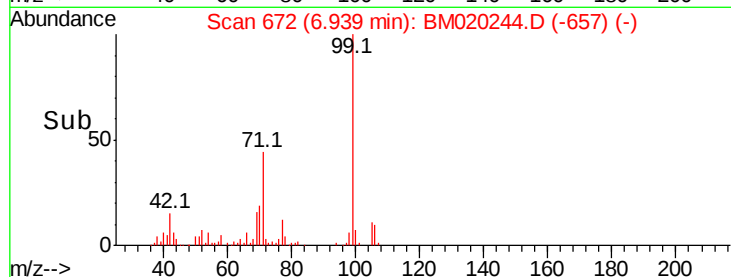
71 43.7 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#8

2-Chlorophenol

Concen: 35.946 ng

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

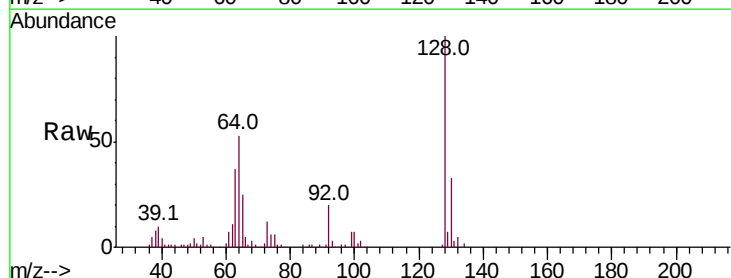
Tgt Ion: 128 Resp: 158591

Ion Ratio Lower Upper

128 100

130 32.9 10.8 50.8

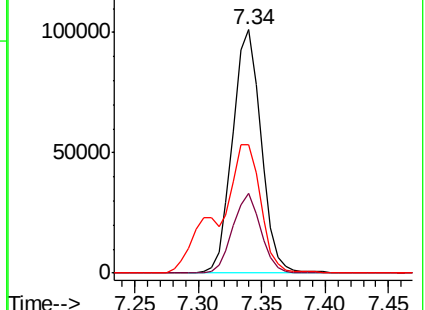
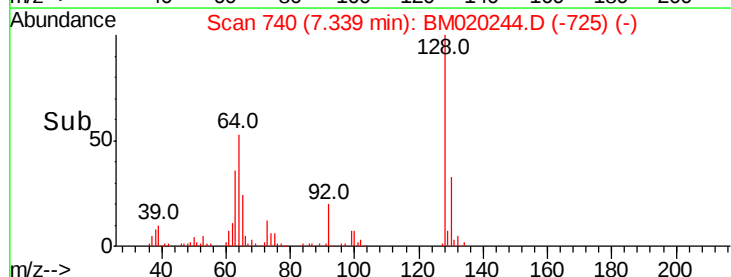
64 52.9 36.5 76.5

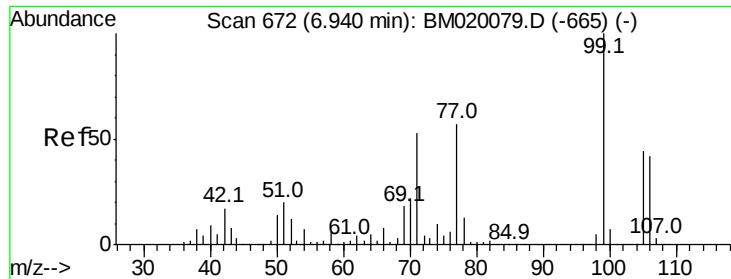


Abundance Ion 128.00 (127.70 to 128.70): BM020079.D (-735) (-)

Ion 130.00 (129.70 to 130.70): BM020079.D (-735) (-)

Ion 64.00 (63.70 to 64.70): BM020079.D (-735) (-)

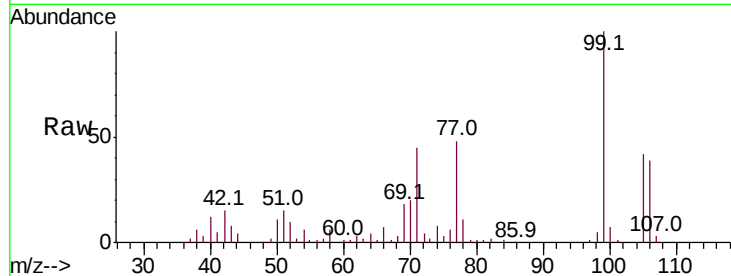




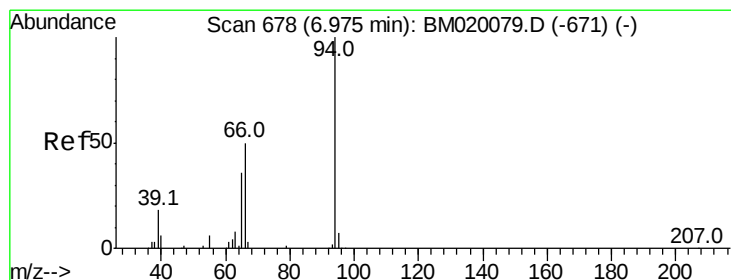
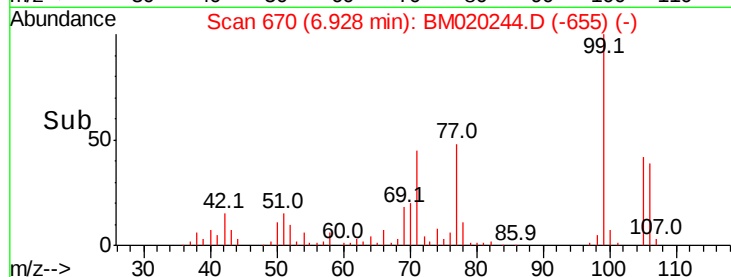
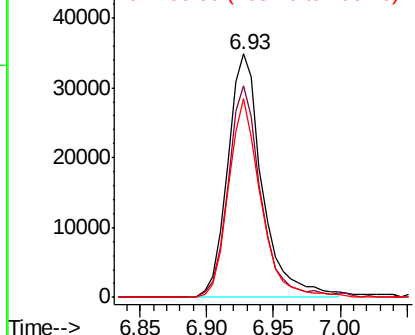
#9
Benzaldehyde
Concen: 15.086 ng
RT: 6.93 min Scan# 670
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tot Ion: 77 Resp: 63203
Ion Ratio Lower Upper
77 100
105 86.7 57.8 97.8
106 81.7 53.6 93.6

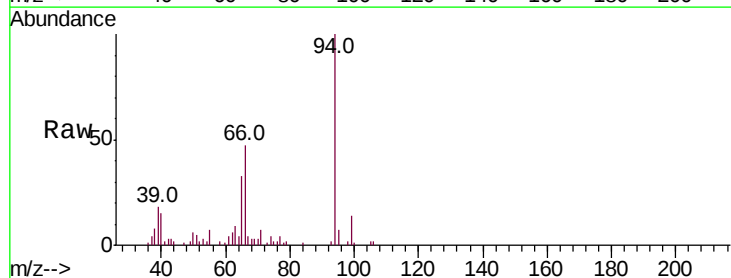


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

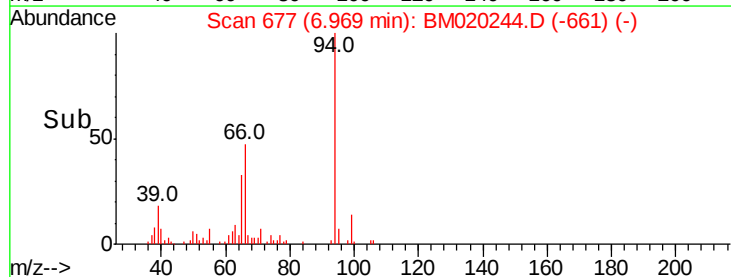
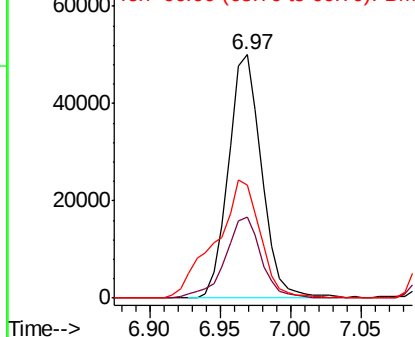


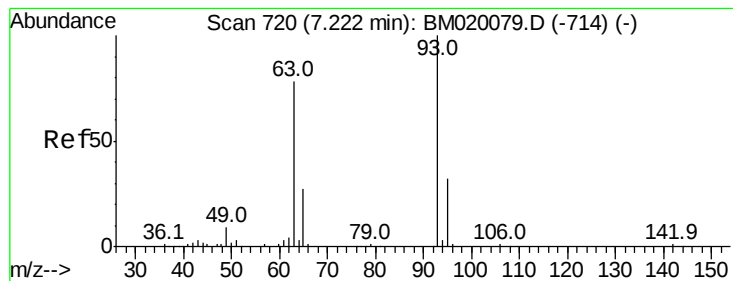
#10
Phenol
Concen: 13.800 ng
RT: 6.97 min Scan# 677
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion: 94 Resp: 82238
Ion Ratio Lower Upper
94 100
65 33.1 17.0 57.0
66 46.6 34.5 74.5



Abundance Ion 94.00 (93.70 to 94.70): BM0
Ion 65.00 (64.70 to 65.70): BM0
Ion 66.00 (65.70 to 66.70): BM0





#11

bis(2-Chloroethyl)ether

Concen: 46.059 ng

RT: 7.20 min Scan# 717

Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

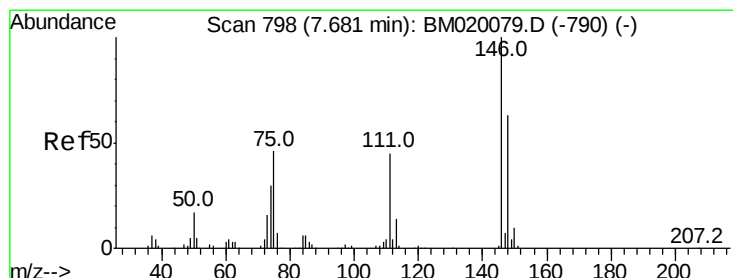
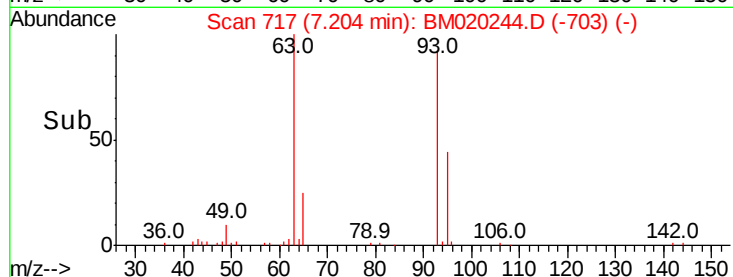
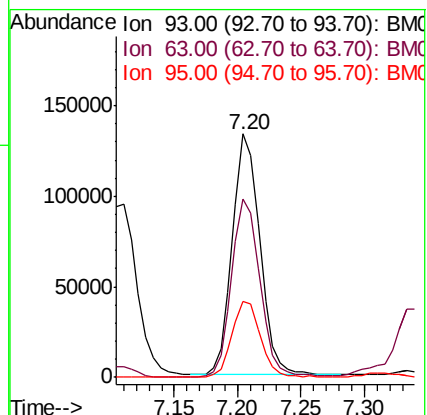
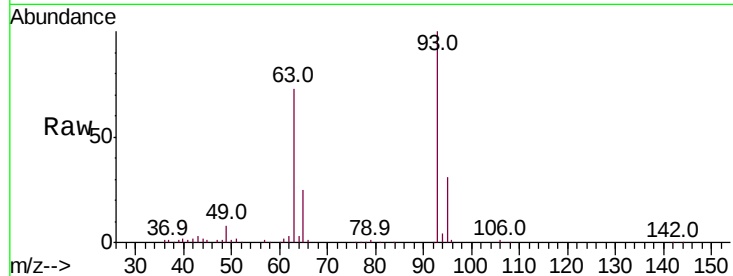
Tot Ion: 93 Resp: 199491

Ion Ratio Lower Upper

93 100

63 73.5 57.9 97.9

95 31.3 11.3 51.3



#12

1,3-Dichlorobenzene

Concen: 36.709 ng

RT: 7.66 min Scan# 794

Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

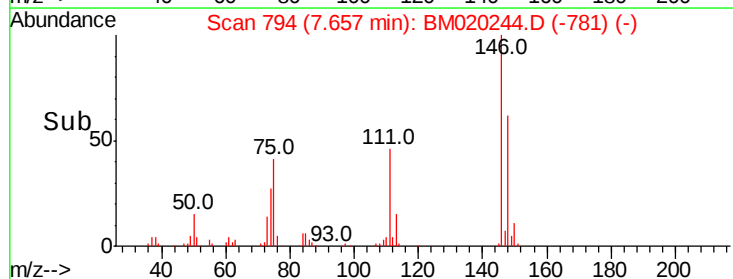
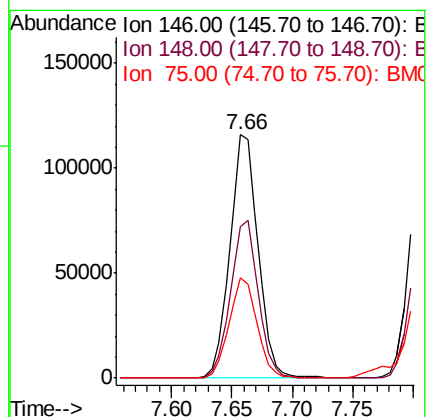
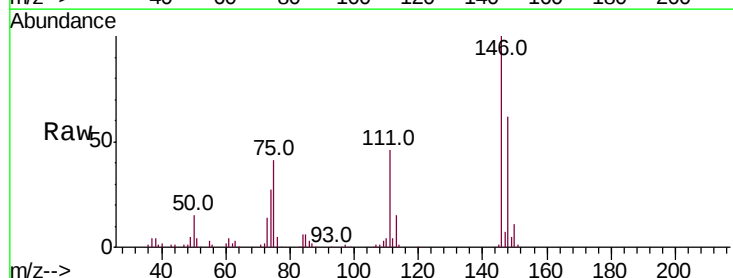
Tgt Ion: 146 Resp: 188433

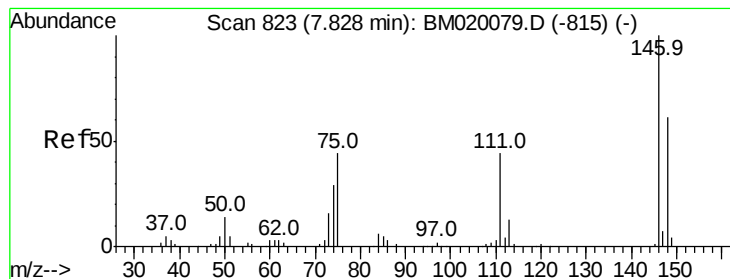
Ion Ratio Lower Upper

146 100

148 62.5 50.1 75.1

75 41.1 37.2 55.8





#13

1,4-Dichlorobenzene

Concen: 37.524 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

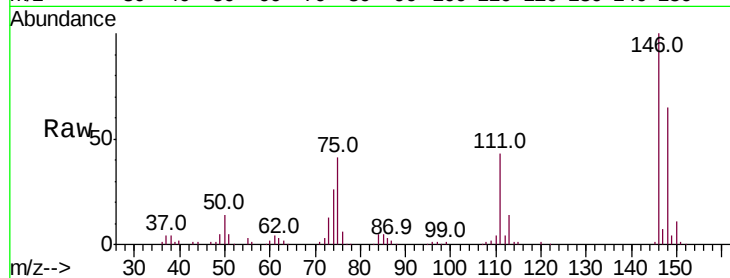
Tot Ion:146 Resp: 194585

Ion Ratio Lower Upper

146 100

148 65.3 48.5 72.7

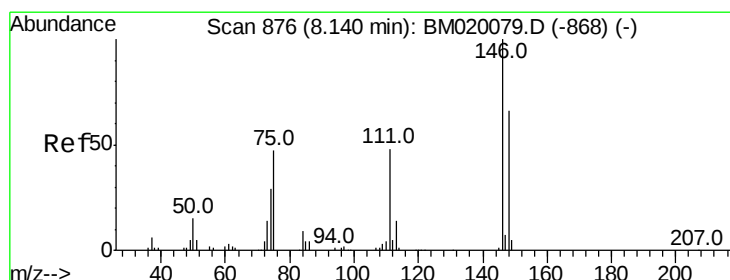
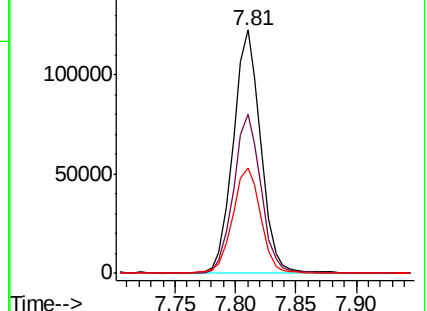
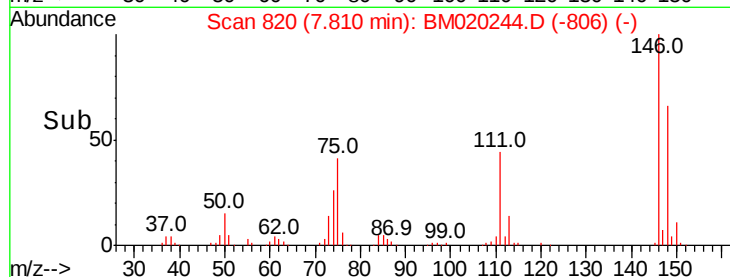
111 43.4 35.7 53.5



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: 38.568 ng

RT: 8.12 min Scan# 873

Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

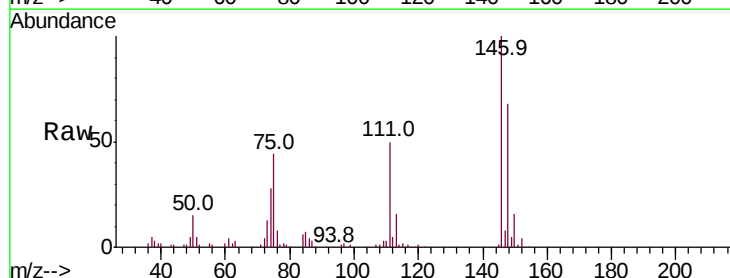
Tgt Ion:146 Resp: 190541

Ion Ratio Lower Upper

146 100

148 67.9 52.6 79.0

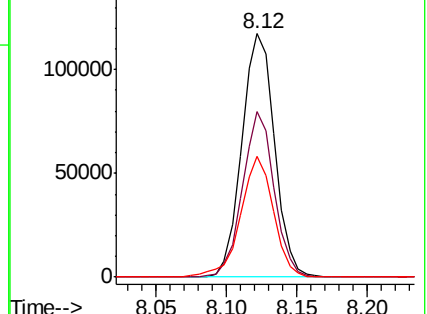
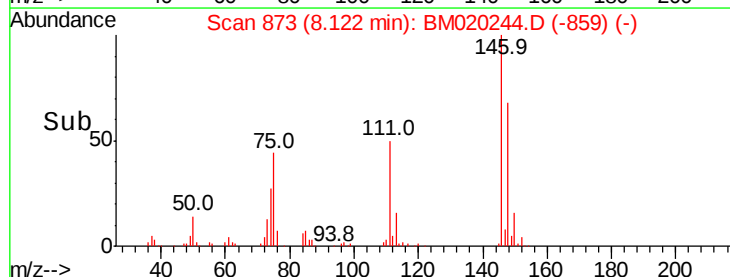
111 49.6 39.0 58.4

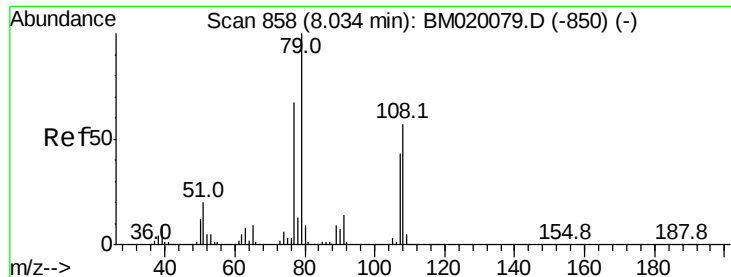


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 28.108 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

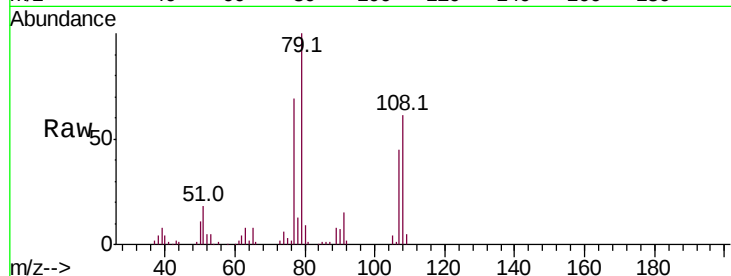
Tot Ion: 79 Resp: 150033

Ion Ratio Lower Upper

79 100

108 61.1 46.0 69.0

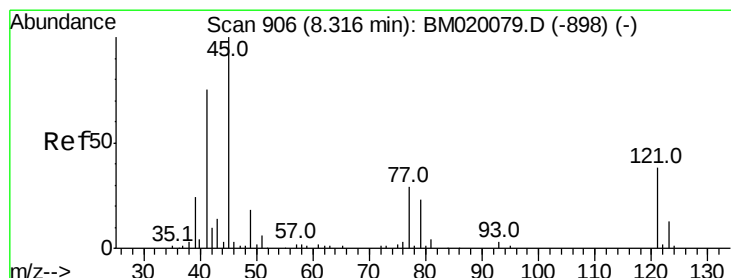
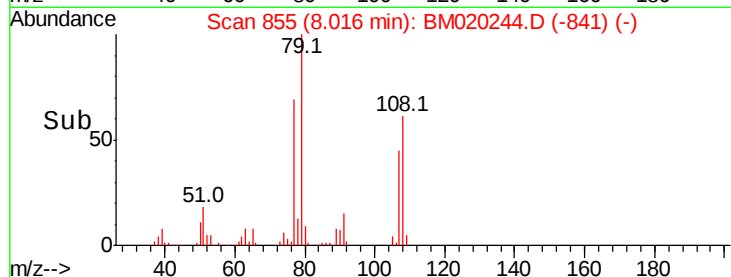
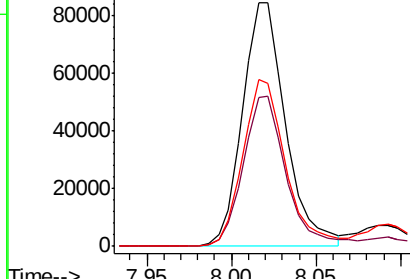
77 68.7 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020244.D (-850) (-)

Ion 108.00 (107.70 to 108.70): BM020244.D (-850) (-)

Ion 77.00 (76.70 to 77.70): BM020244.D (-850) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.671 ng

RT: 8.30 min Scan# 904

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

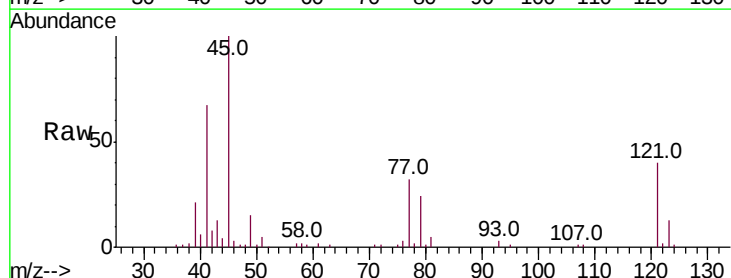
Tgt Ion: 45 Resp: 160434

Ion Ratio Lower Upper

45 100

77 31.8 10.5 50.5

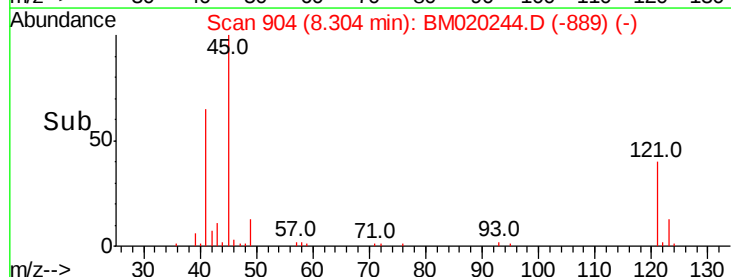
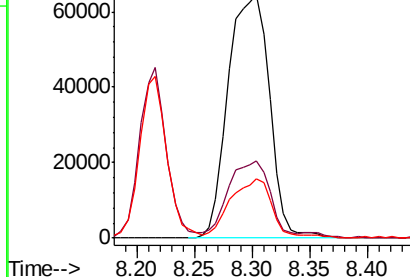
79 24.3 3.3 43.3

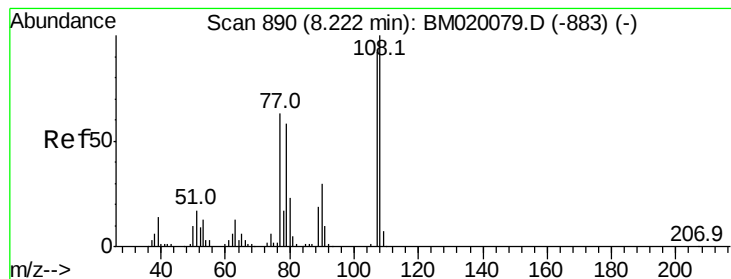


Abundance Ion 45.00 (44.70 to 45.70): BM020244.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM020244.D (-889) (-)

Ion 79.00 (78.70 to 79.70): BM020244.D (-889) (-)





#17

2-Methylphenol

Concen: 32.353 ng

RT: 8.22 min Scan# 889

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

Tot Ion:107 Resp: 124110

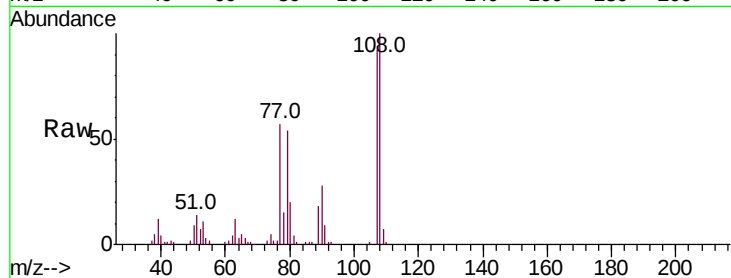
Ion Ratio Lower Upper

107 100

108 108.3 87.0 130.4

77 61.3 54.7 82.1

79 58.3 50.1 75.1

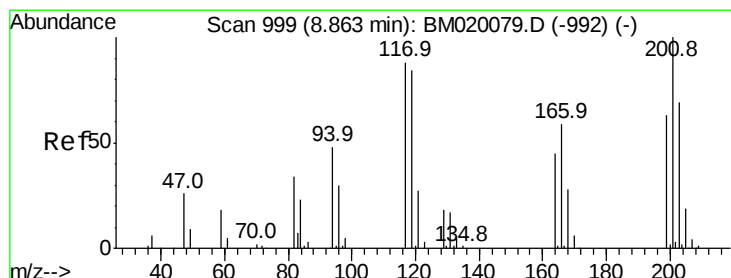
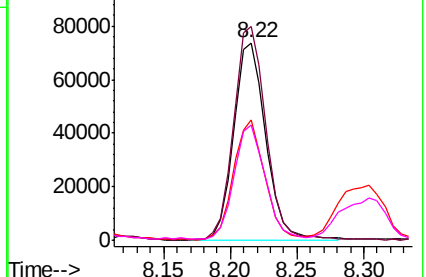
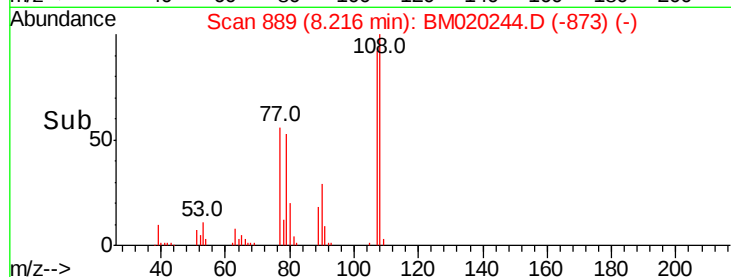


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.043 ng

RT: 8.84 min Scan# 995

Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

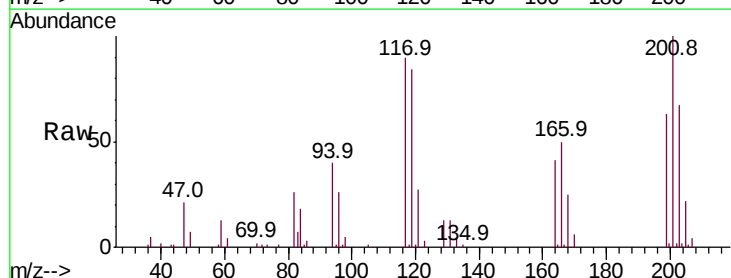
Tgt Ion:117 Resp: 73606

Ion Ratio Lower Upper

117 100

119 93.7 76.6 114.8

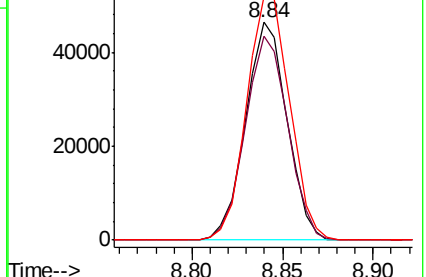
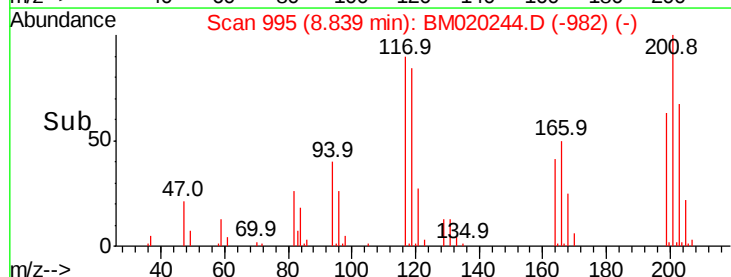
201 111.7 90.7 136.1

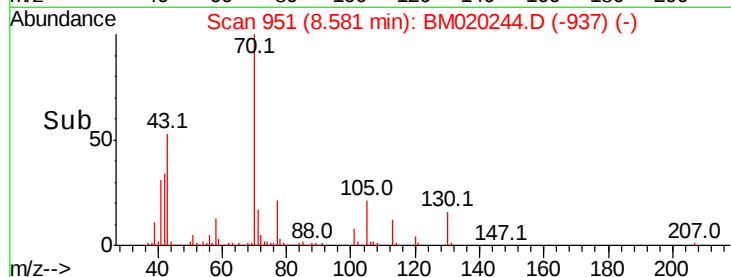
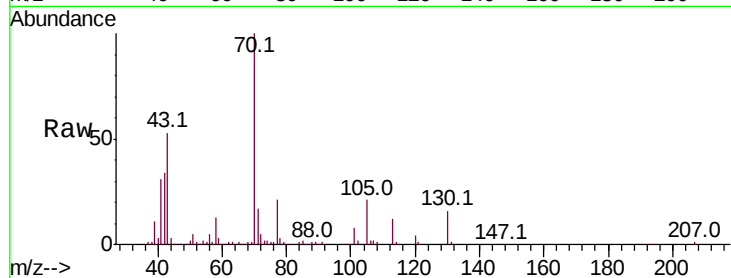
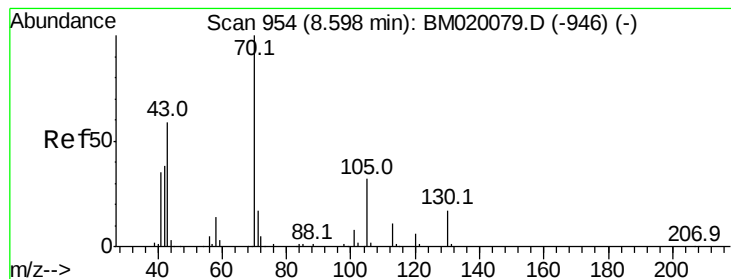


Abundance Ion 117.00 (116.70 to 117.70): E

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: 46.921 ng

RT: 8.58 min Scan# 951

Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

Tot Ion: 70 Resp: 222214

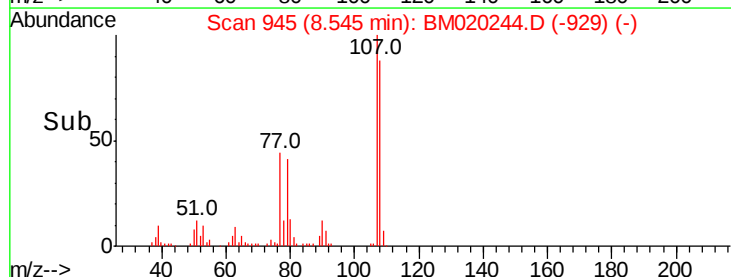
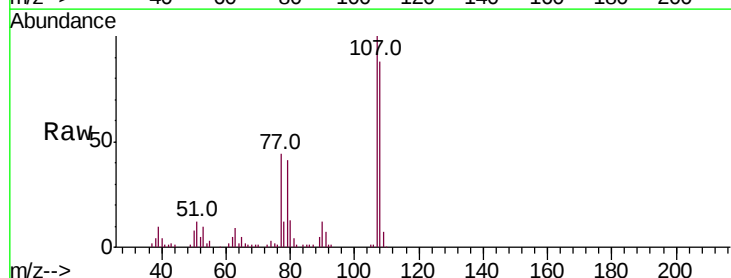
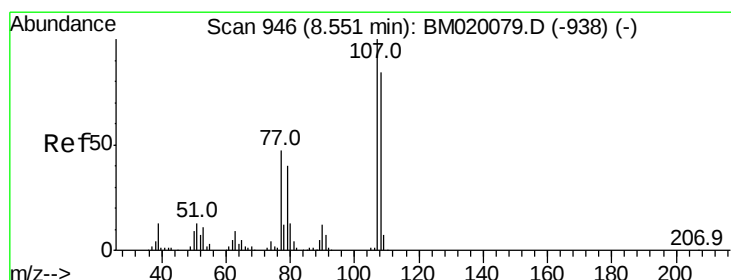
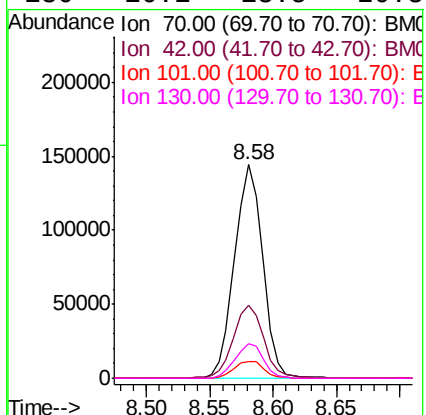
Ion Ratio Lower Upper

70 100

42 34.4 31.0 46.4

101 8.0 6.2 9.2

130 16.1 13.5 20.3



#20

3+4-Methylphenols

Concen: 28.579 ng

RT: 8.55 min Scan# 945

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Tgt Ion: 107 Resp: 145706

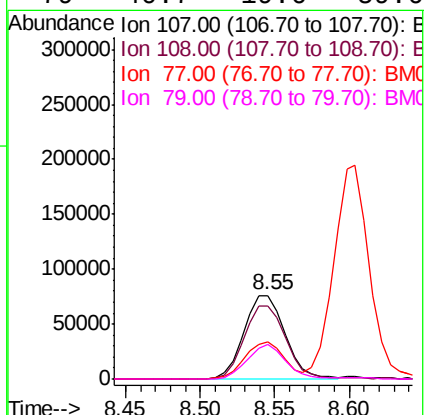
Ion Ratio Lower Upper

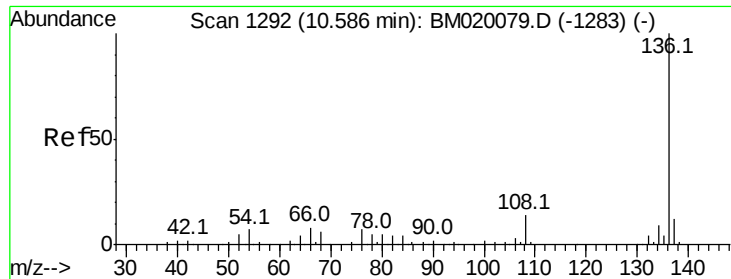
107 100

108 87.9 64.4 104.4

77 44.1 27.2 67.2

79 40.7 19.6 59.6

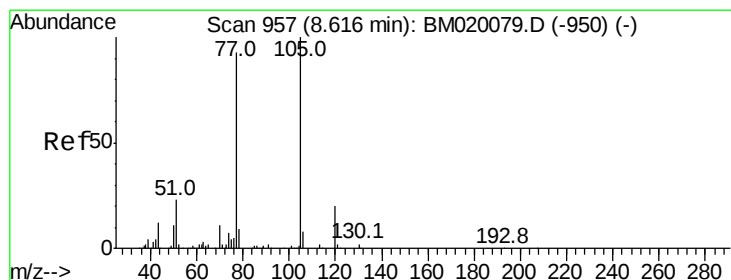
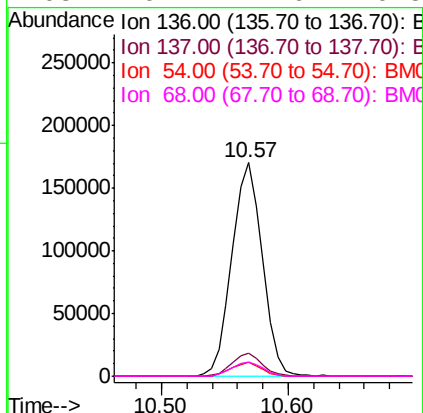
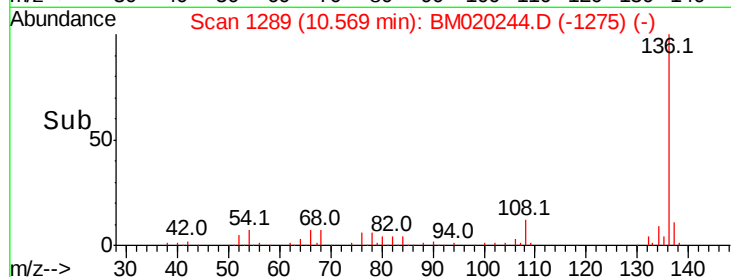
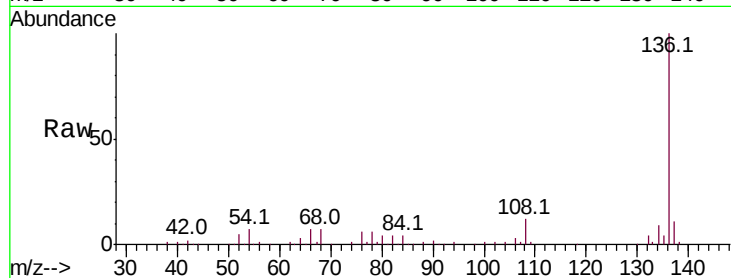




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

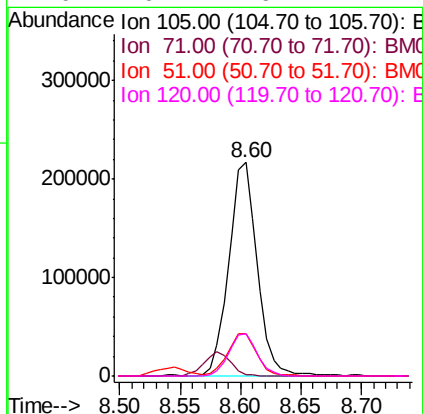
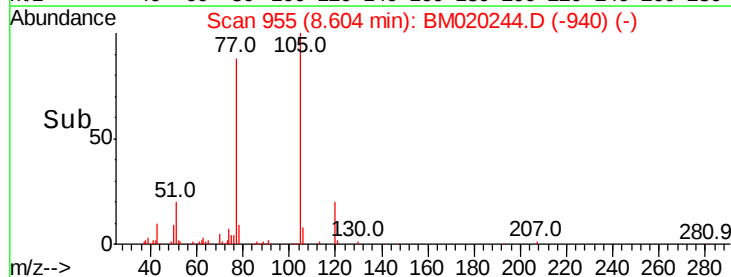
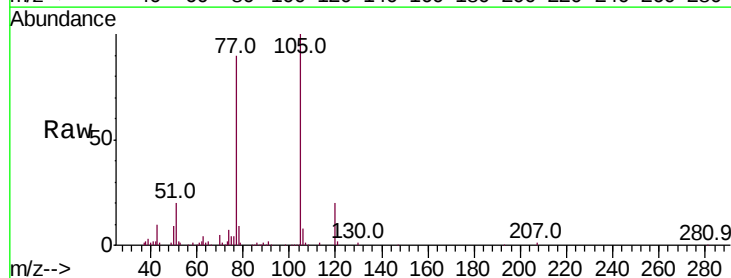
Instrument :
BNA_M
ClientSampleId :
HW-7MSD

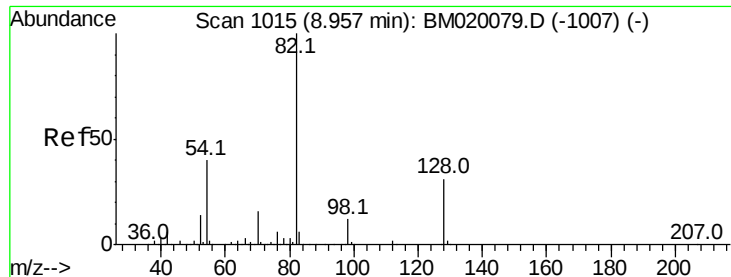
Tot Ion:	136	Resp:	283393
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	6.6	5.5	8.3
68	6.7	4.6	6.8



#22
Acetophenone
Concen: 45.537 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion:	105	Resp:	352691
Ion	Ratio	Lower	Upper
105	100		
71	0.8	2.2	3.2#
51	20.1	19.3	28.9
120	20.1	16.2	24.4

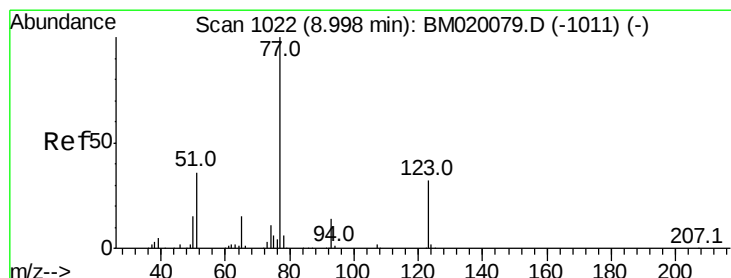
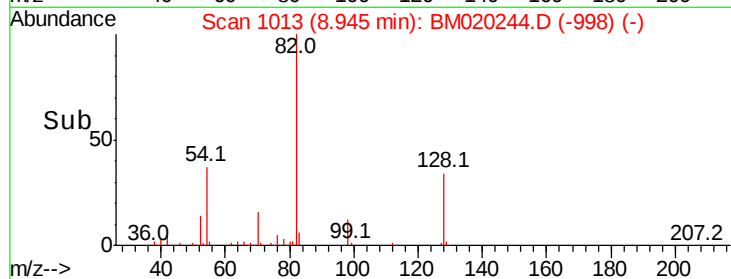
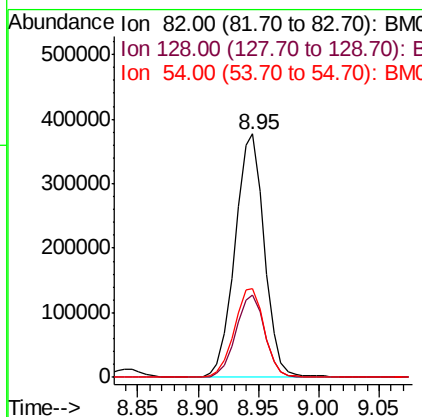
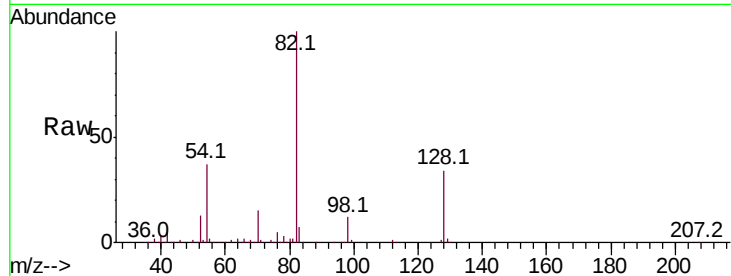




#23
 Nitrobenzene-d5
 Concen: 89.230 ng
 RT: 8.95 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

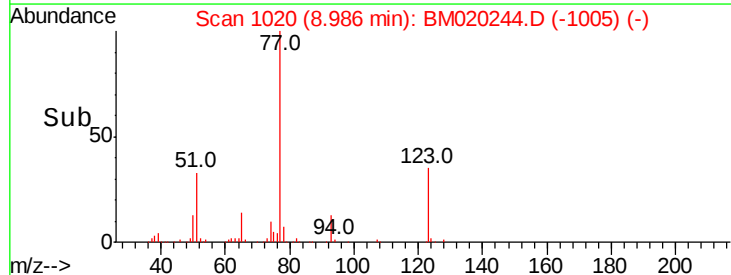
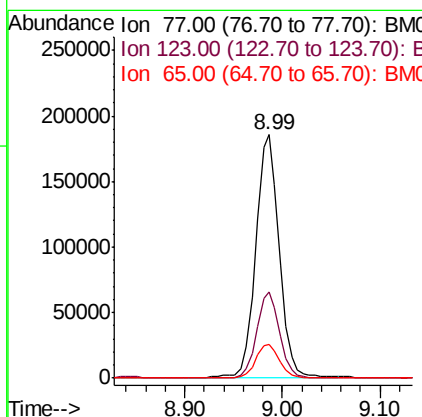
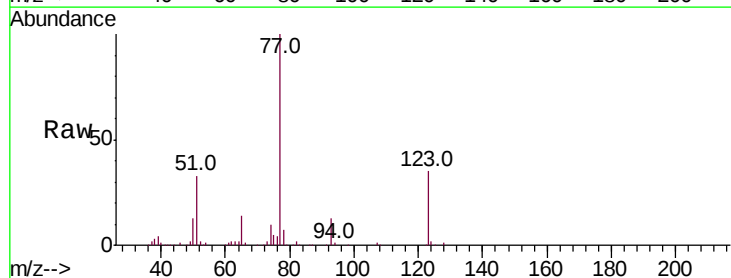
Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

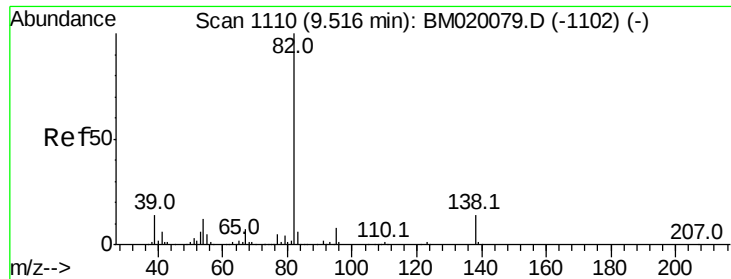
Tot Ion	82	Resp	640506
Ion	Ratio	Lower	Upper
82	100		
128	33.6	25.2	37.8
54	36.7	31.9	47.9



#24
 Nitrobenzene
 Concen: 42.400 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion	77	Resp	315565
Ion	Ratio	Lower	Upper
77	100		
123	35.3	25.5	38.3
65	13.6	11.8	17.6

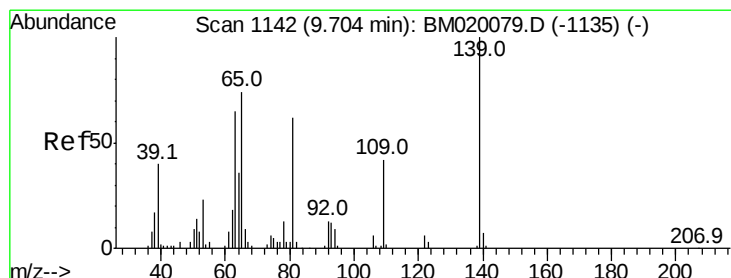
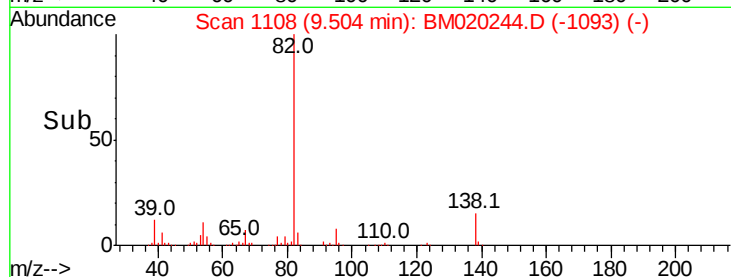
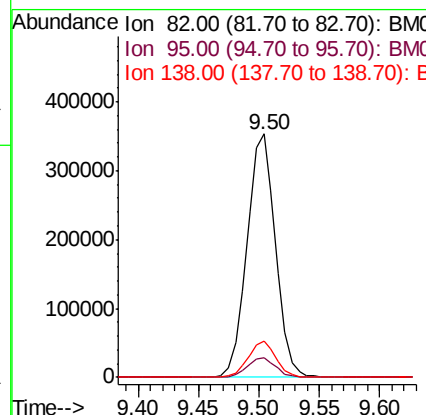
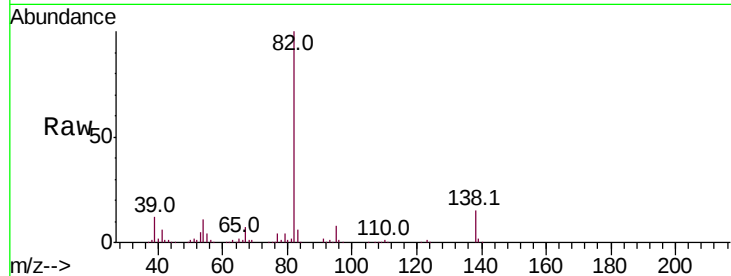




#25
Isophorone
Concen: 46.961 ng
RT: 9.50 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

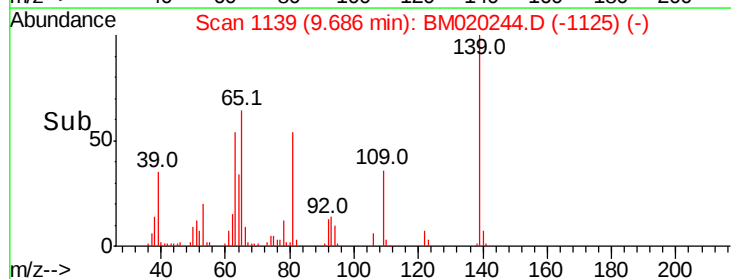
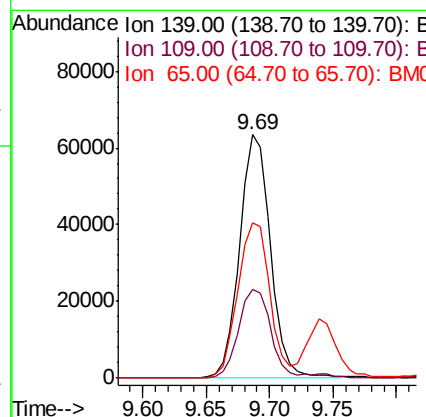
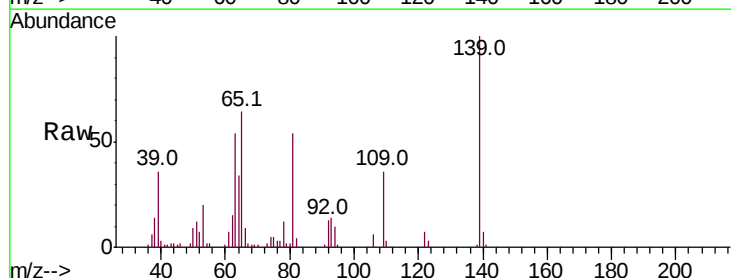
Instrument :
BNA_M
ClientSampleId :
HW-7MSD

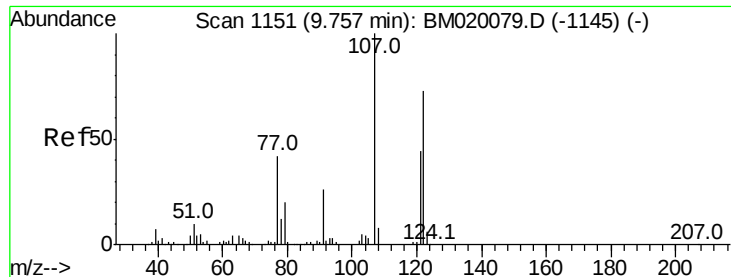
Tot Ion: 82 Resp: 581308
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 14.9 11.1 16.7



#26
2-Nitrophenol
Concen: 47.696 ng
RT: 9.69 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion: 139 Resp: 107167
Ion Ratio Lower Upper
139 100
109 36.4 33.7 50.5
65 63.8 59.5 89.3

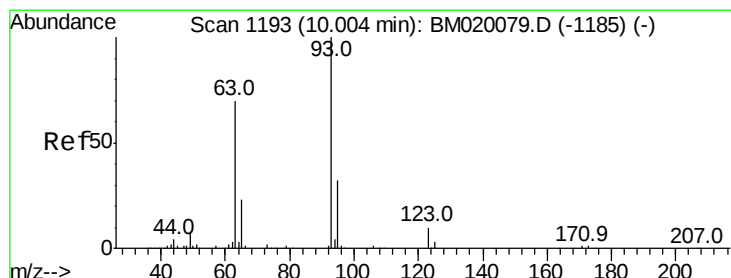
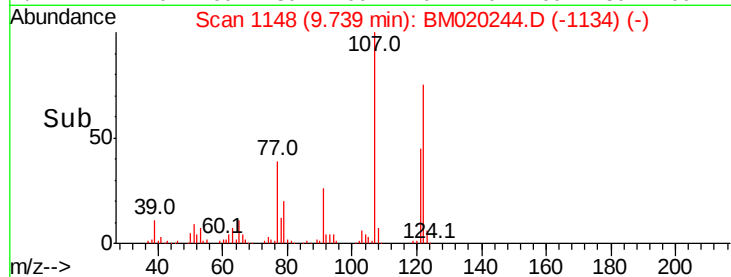
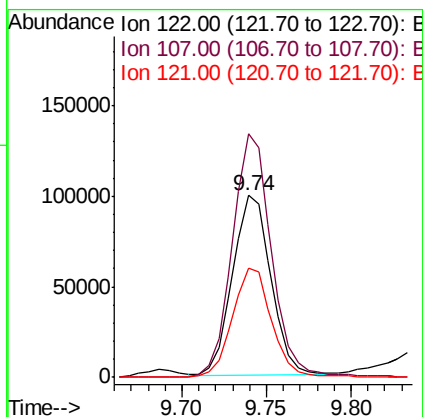
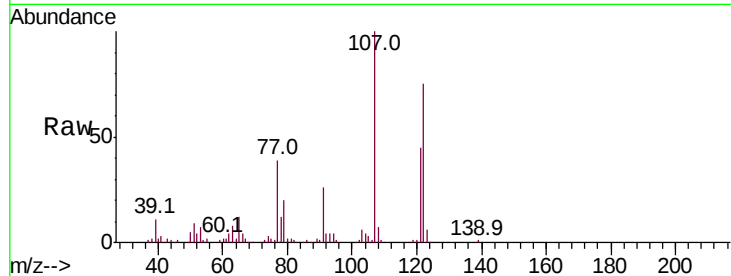




#27
2,4-Dimethylphenol
Concen: 42.411 ng
RT: 9.74 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

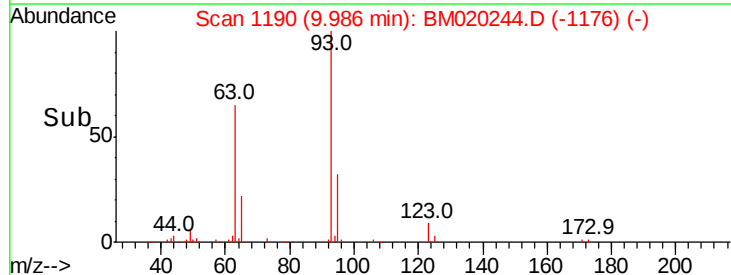
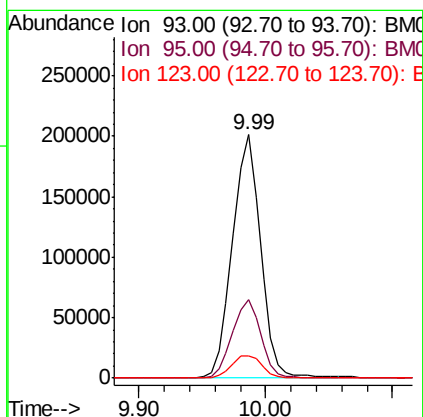
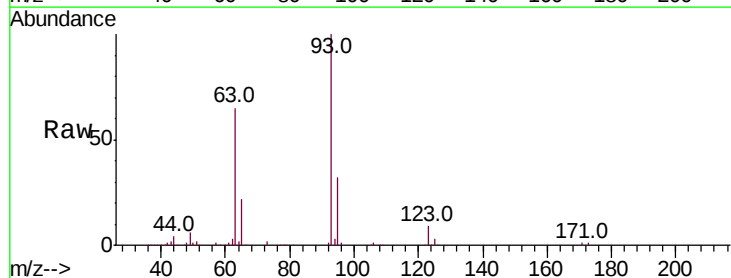
Instrument :
BNA_M
ClientSampleId :
HW-7MSD

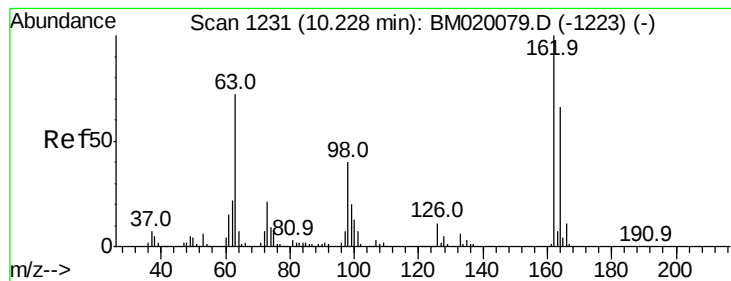
Tot Ion:122 Resp: 158650
Ion Ratio Lower Upper
122 100
107 133.8 108.6 162.8
121 59.9 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 46.069 ng
RT: 9.99 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion: 93 Resp: 310587
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 9.4 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 41.724 ng

RT: 10.22 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

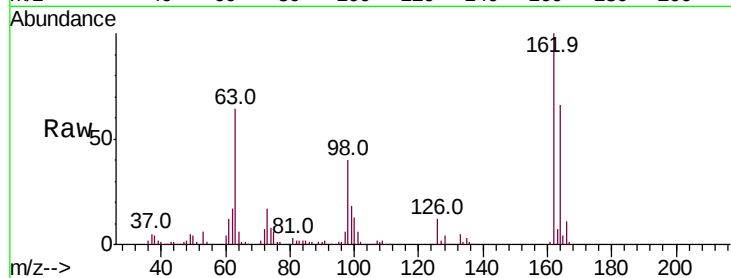
Tot Ion:162 Resp: 196811

Ion Ratio Lower Upper

162 100

164 65.9 45.6 85.6

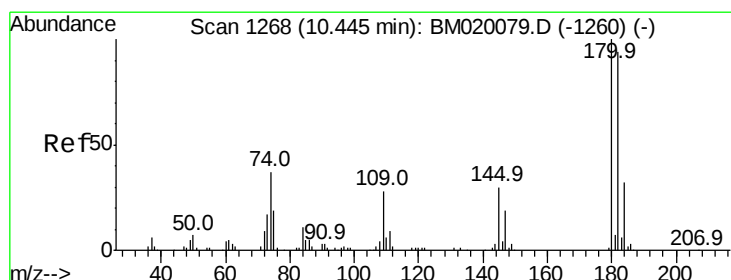
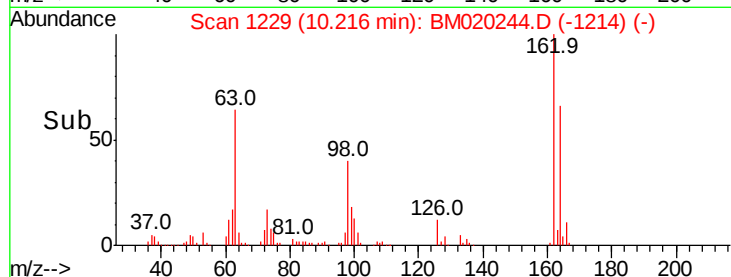
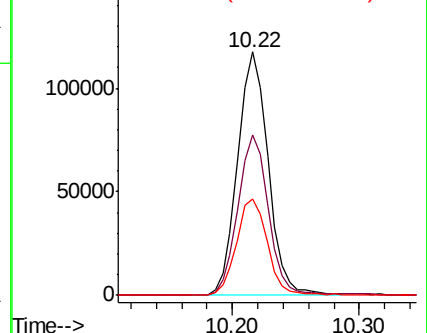
98 39.8 20.4 60.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.084 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

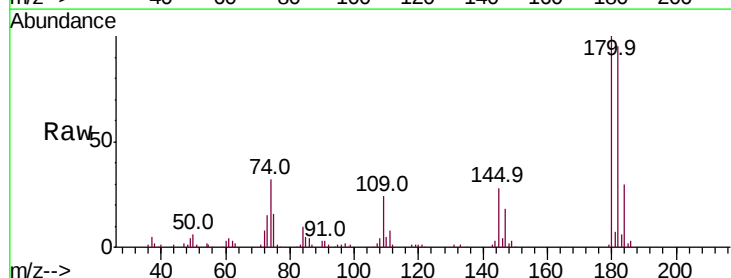
Tgt Ion:180 Resp: 232649

Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.0

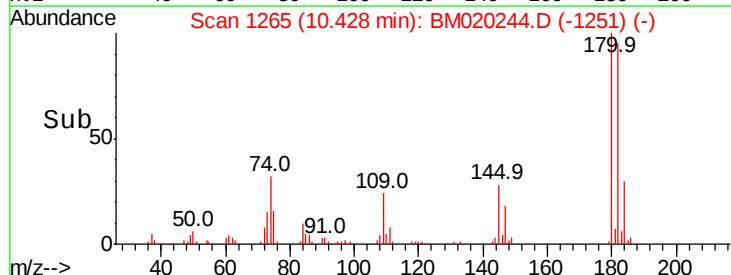
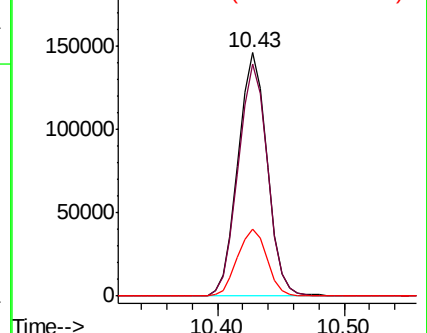
145 27.6 23.8 35.8

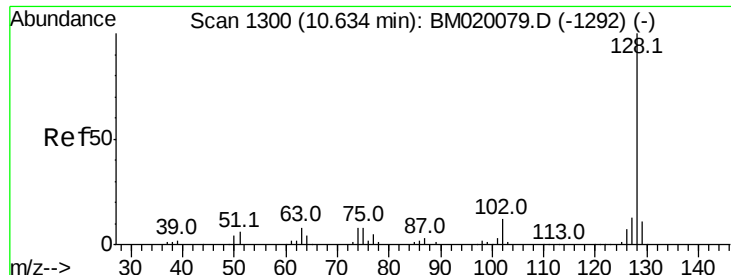


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

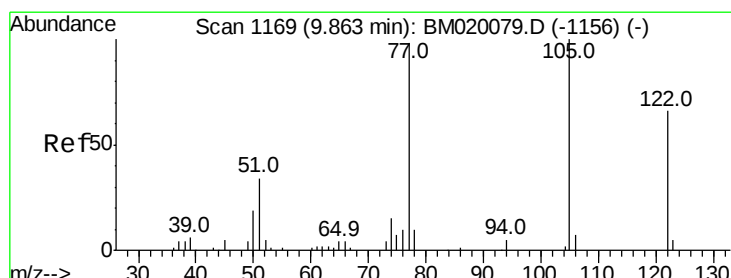
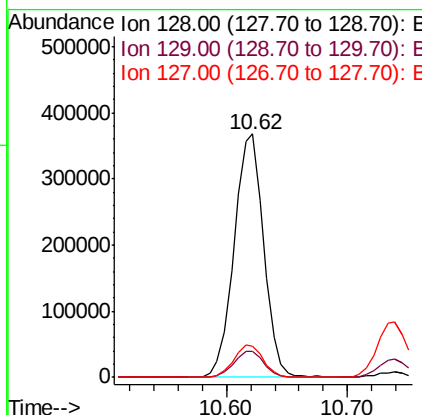
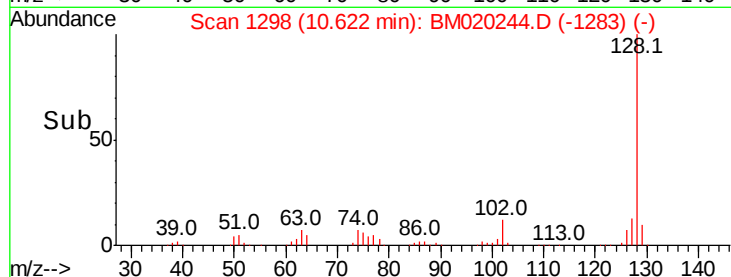
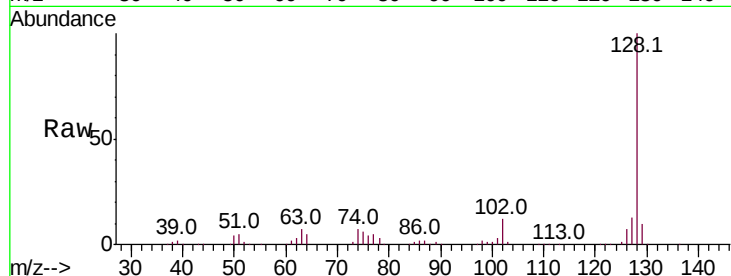




#31
Naphthalene
Concen: 42.741 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

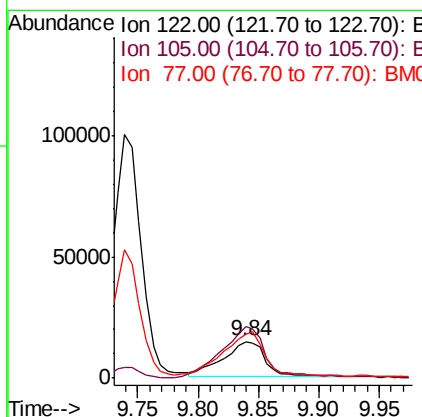
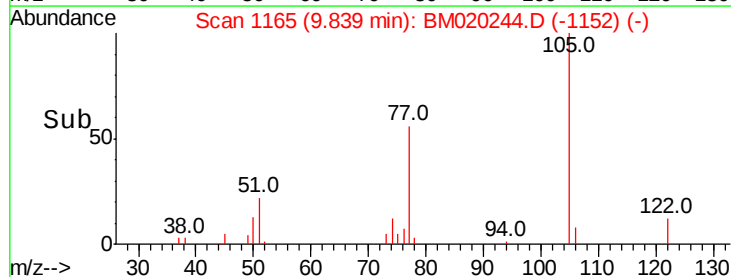
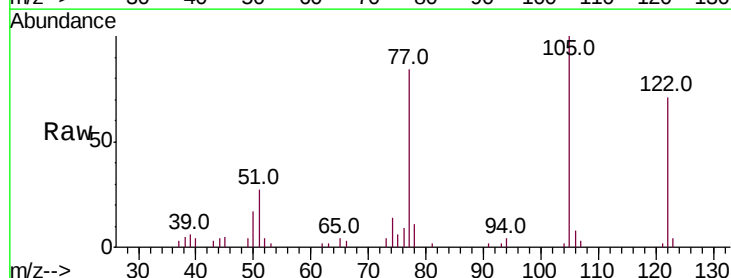
Instrument :
BNA_M
ClientSampleId :
HW-7MSD

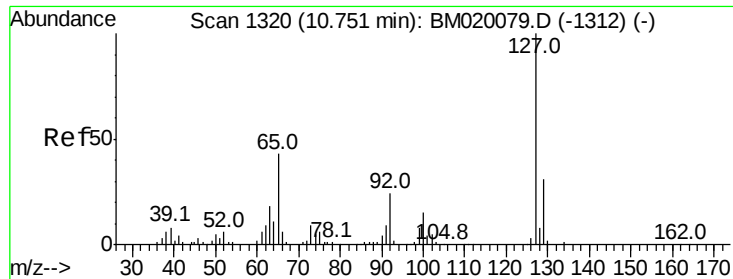
Tot Ion:128 Resp: 628567
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 17.998 ng
RT: 9.84 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion:122 Resp: 35149
Ion Ratio Lower Upper
122 100
105 141.6 122.5 162.5
77 119.3 123.3 163.3#

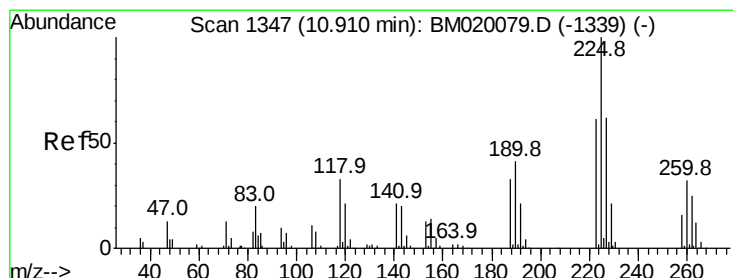
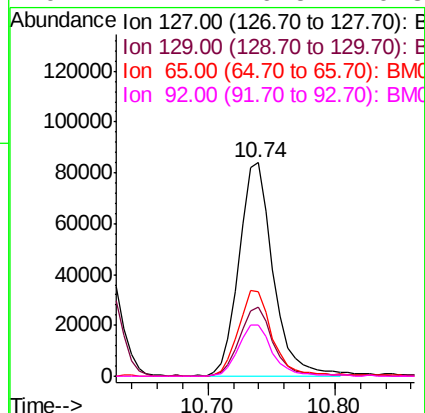
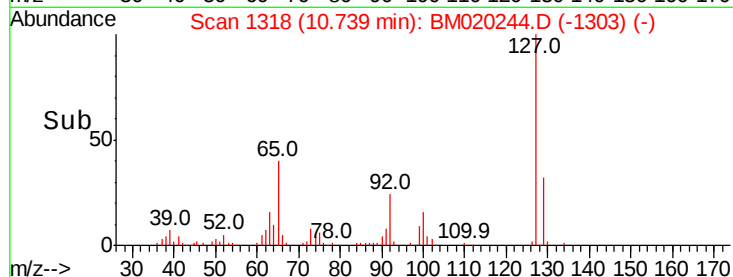
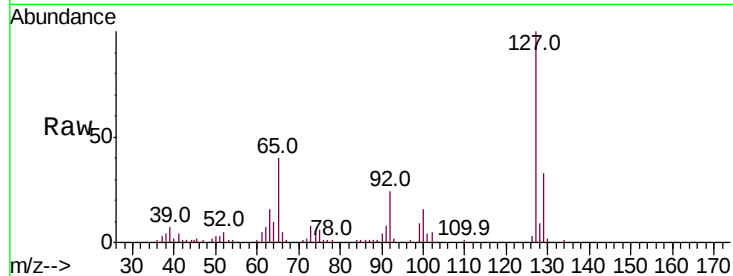




#33
4-Chloroaniline
Concen: 25.955 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

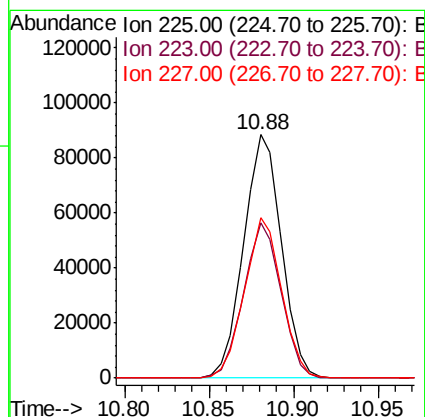
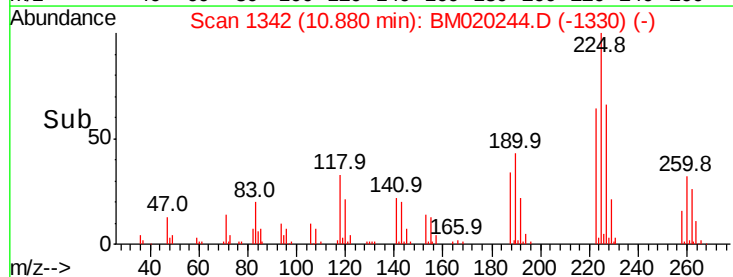
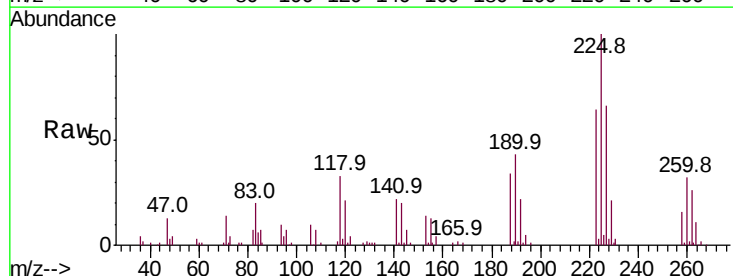
Instrument :
BNA_M
ClientSampleId :
HW-7MSD

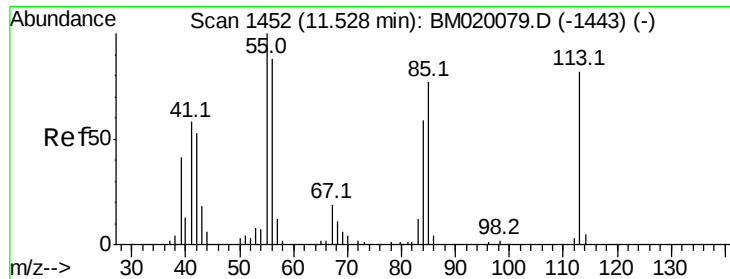
Tot Ion:	127	Resp:	157106
Ion	Ratio	Lower	Upper
127	100		
129	32.6	24.7	37.1
65	39.7	34.6	52.0
92	24.2	19.5	29.3



#34
Hexachlorobutadiene
Concen: 33.557 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion:	225	Resp:	137777
Ion	Ratio	Lower	Upper
225	100		
223	63.7	48.9	73.3
227	65.9	49.6	74.4

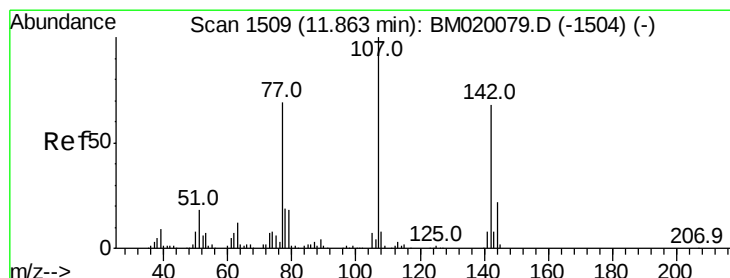
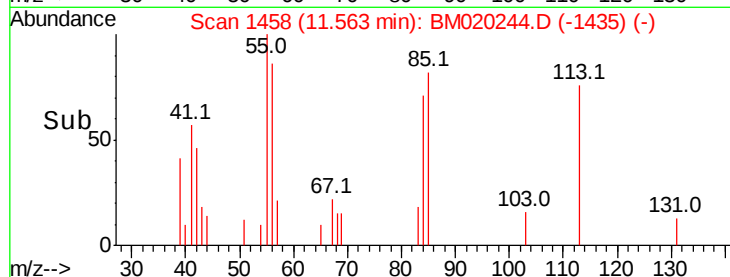
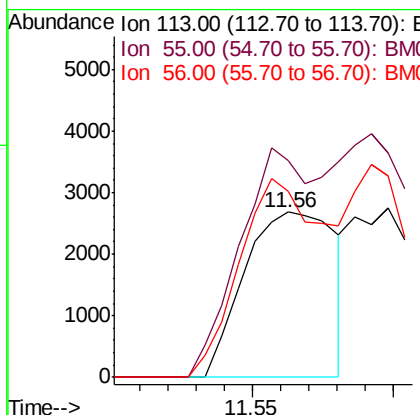
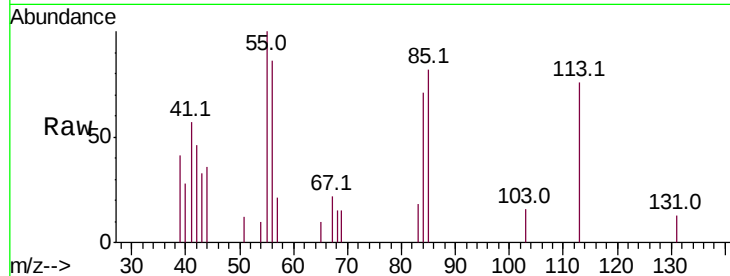




#35
 Caprolactam
 Concen: 4.255 ng
 RT: 11.56 min Scan# 1458
 Delta R.T. 0.04 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

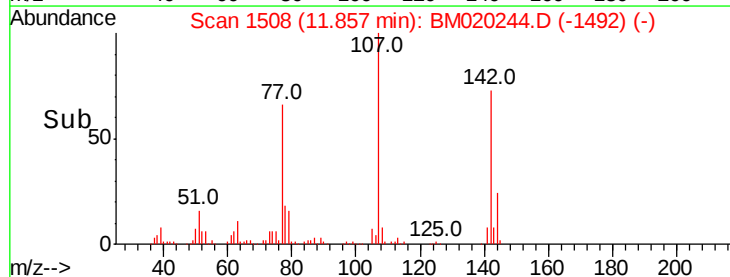
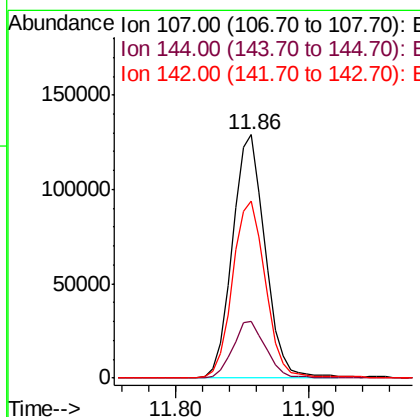
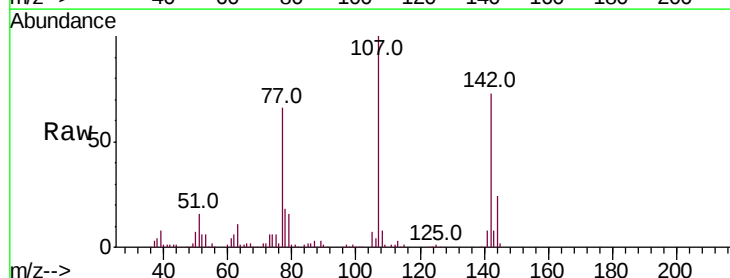
Instrument :
 BNA_M
 ClientSampleID :
 HW-7MSD

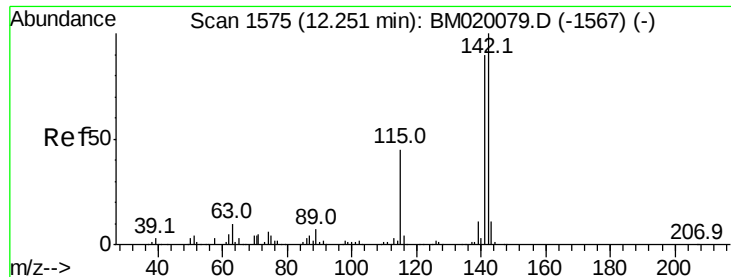
Tot Ion:113 Resp: 6001
 Ion Ratio Lower Upper
 113 100
 55 130.8 102.5 142.5
 56 112.5 87.7 127.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.717 ng
 RT: 11.86 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion:107 Resp: 220159
 Ion Ratio Lower Upper
 107 100
 144 23.5 17.6 26.4
 142 72.7 54.6 82.0





#37

2-Methylnaphthalene

Concen: 47.784 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.02 min

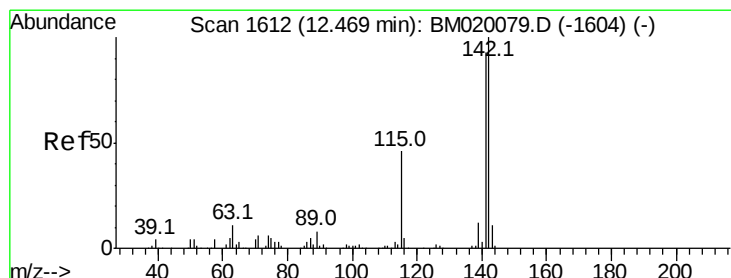
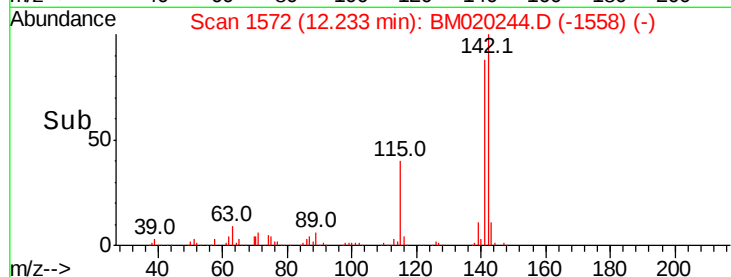
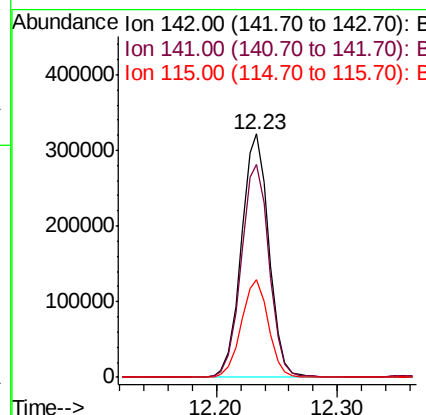
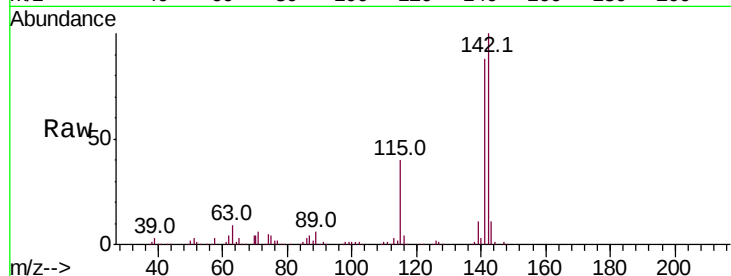
Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tot Ion:142 Resp: 512310

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.6	107.4
115	39.9	35.8	53.6



#38

1-Methylnaphthalene

Concen: 47.412 ng

RT: 12.45 min Scan# 1609

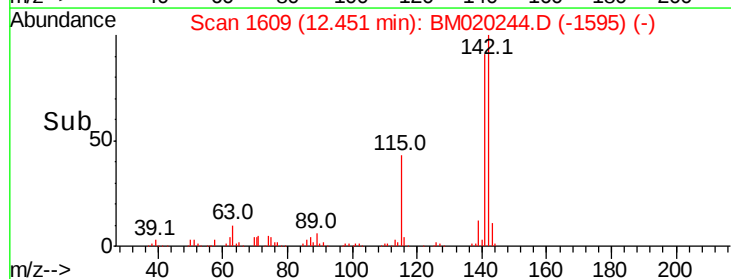
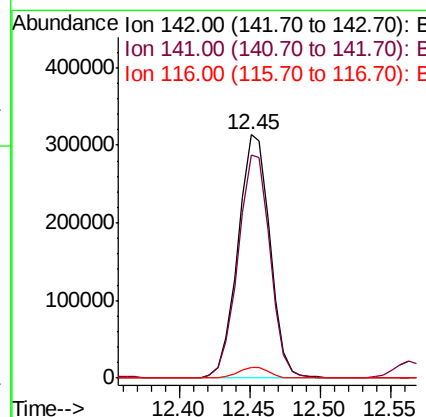
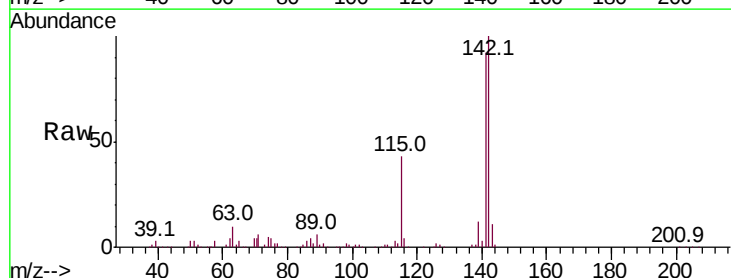
Delta R.T. -0.02 min

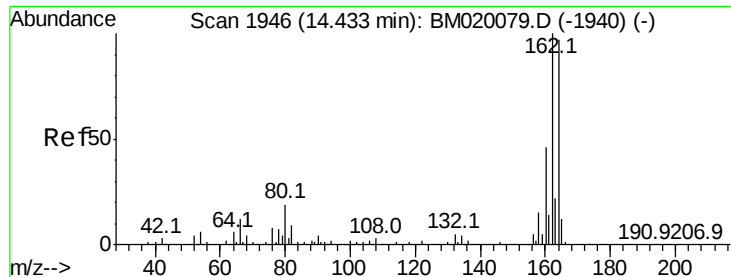
Lab File: BM020244.D

Acq: 10 May 2019 16:28

Tgt Ion:142 Resp: 497070

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.8	112.2
116	4.3	3.9	5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

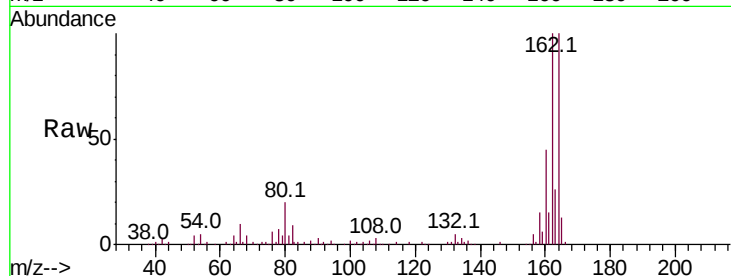
Tot Ion:164 Resp: 200670

Ion Ratio Lower Upper

164 100

162 100.2 82.2 123.2

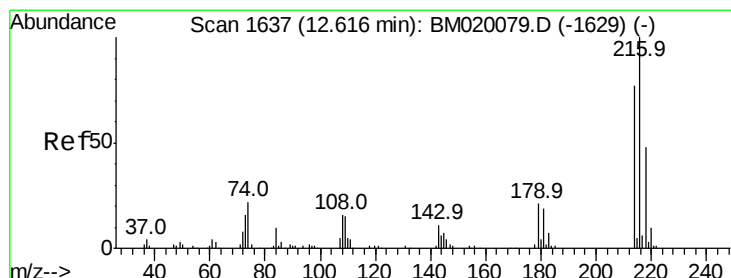
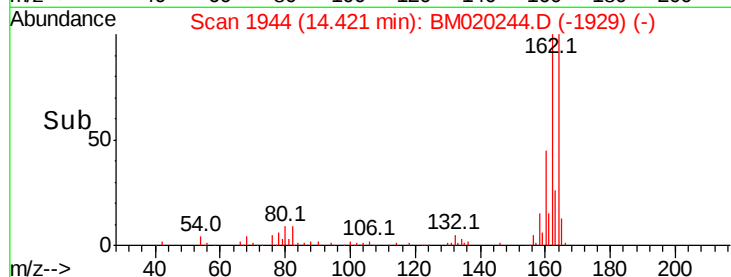
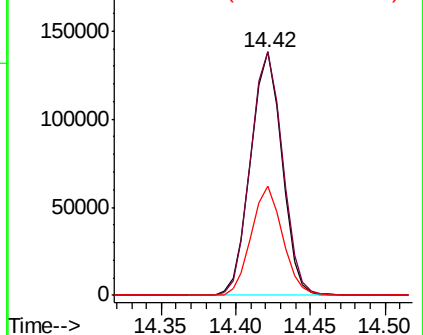
160 45.0 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.996 ng

RT: 12.60 min Scan# 1634

Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Tgt Ion:216 Resp: 314009

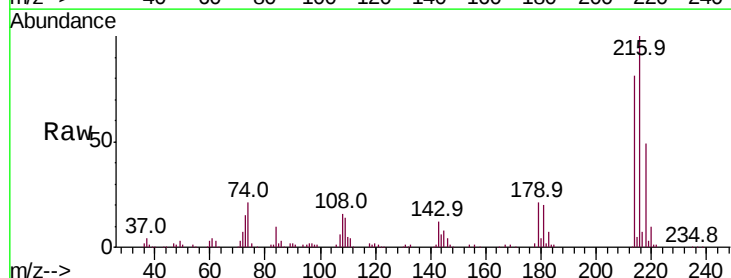
Ion Ratio Lower Upper

216 100

214 78.9 62.6 94.0

179 20.4 17.1 25.7

108 18.7 15.8 23.6

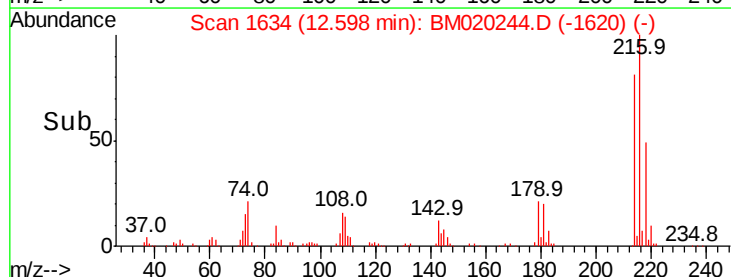
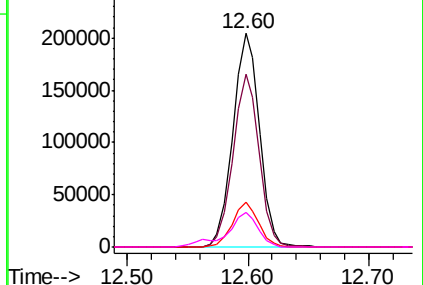


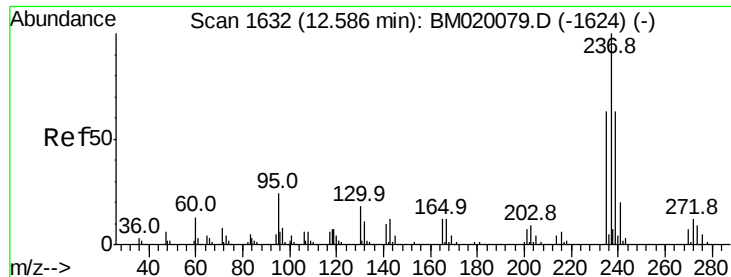
Abundance Ion 216.00 (215.70 to 216.70): E

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: 63.713 ng

RT: 12.56 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

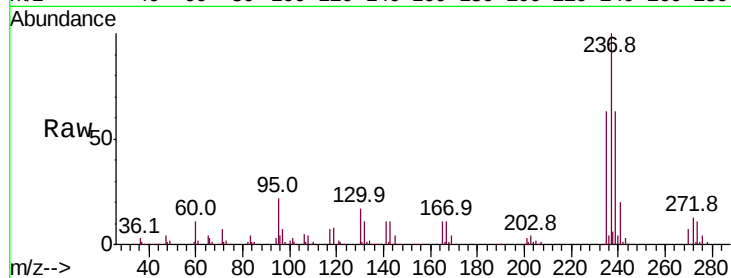
Tot Ion:237 Resp: 294526

Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.4	83.4
272	13.1	0.0	31.7

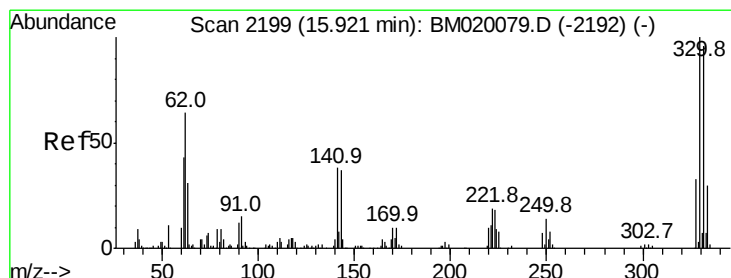
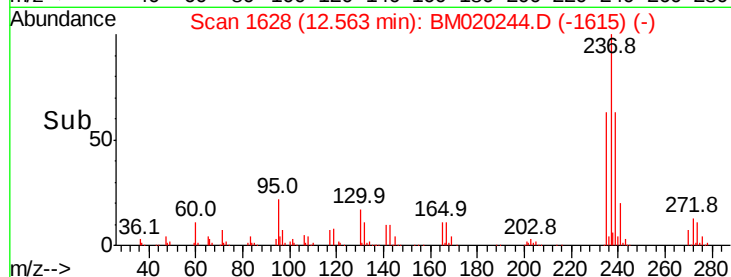
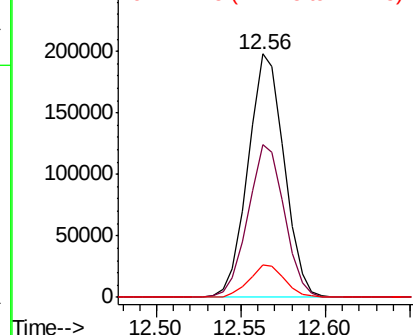
237 100

235 63.0 43.4 83.4

272 13.1 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: 147.453 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

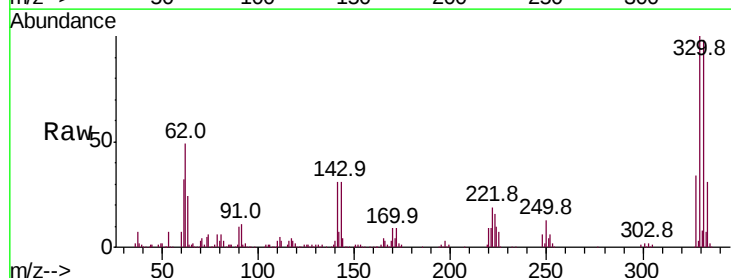
Tgt Ion:330 Resp: 459282

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.8	115.2
141	31.7	29.2	43.8

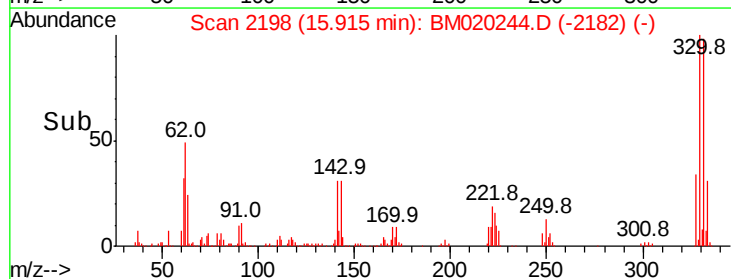
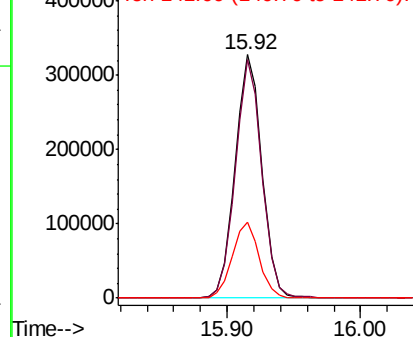
330 100

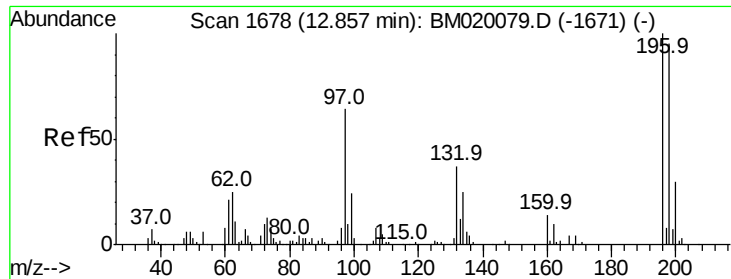
332 96.6 76.8 115.2

141 31.7 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

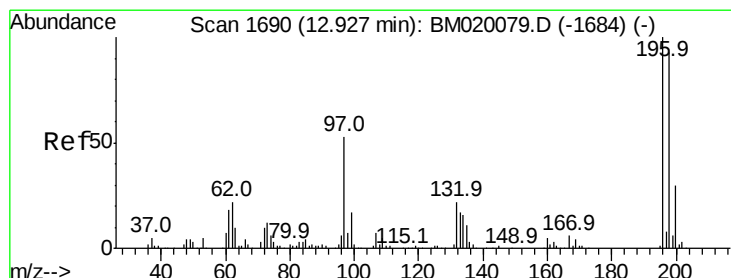
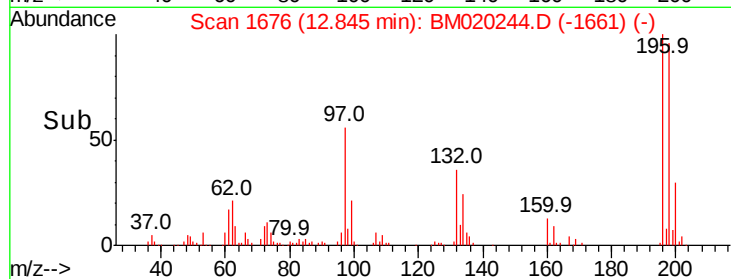
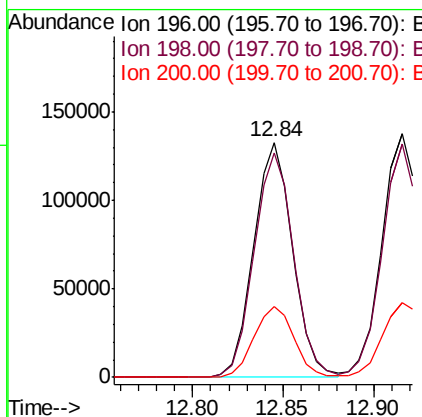
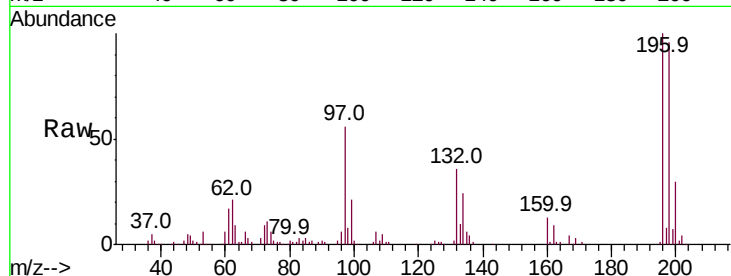




#43
 2,4,6-Trichlorophenol
 Concen: 44.411 ng
 RT: 12.84 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

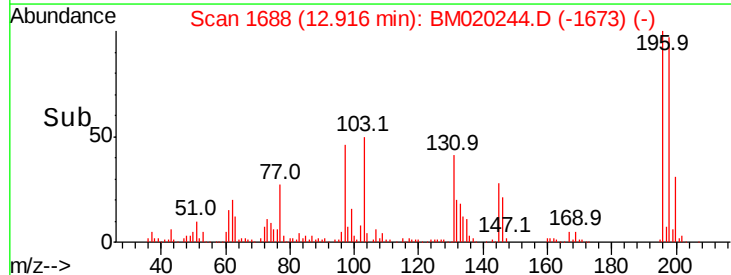
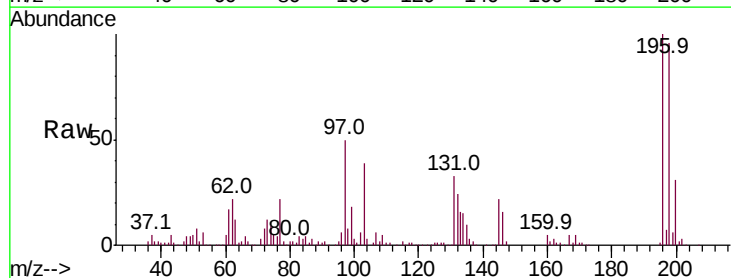
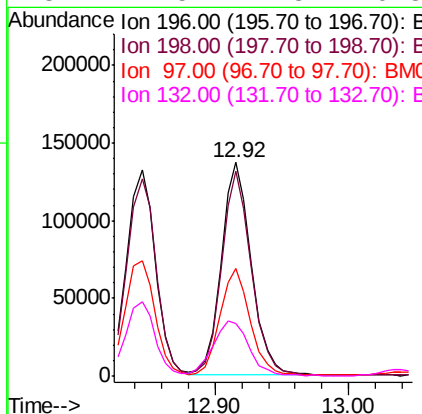
Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

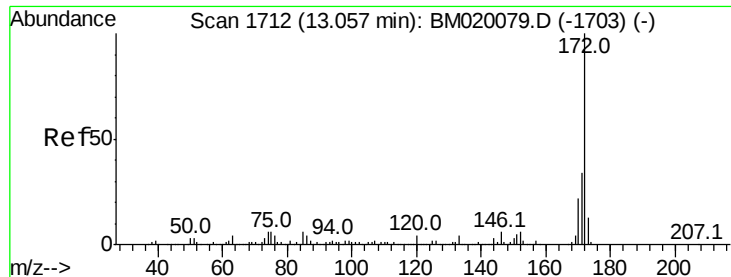
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.2	114.2
200	30.1	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 43.164 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.7	112.1
97	50.3	42.2	63.4
132	24.5	17.8	26.8

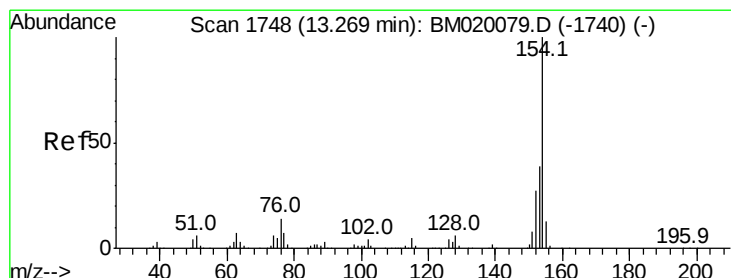
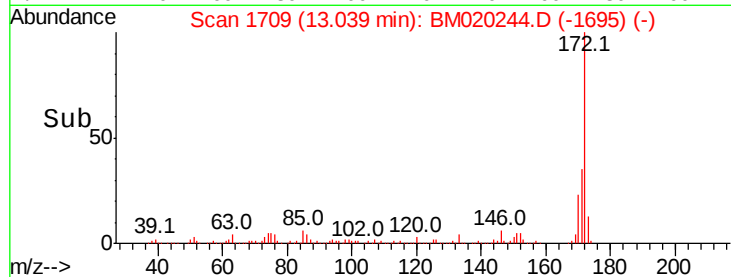
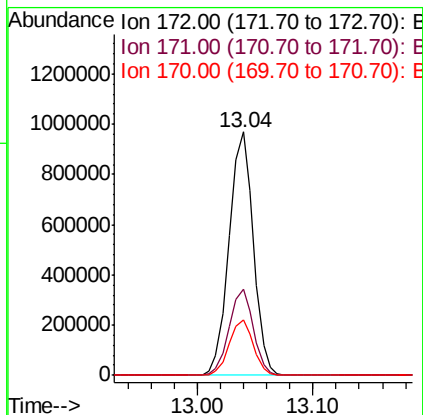
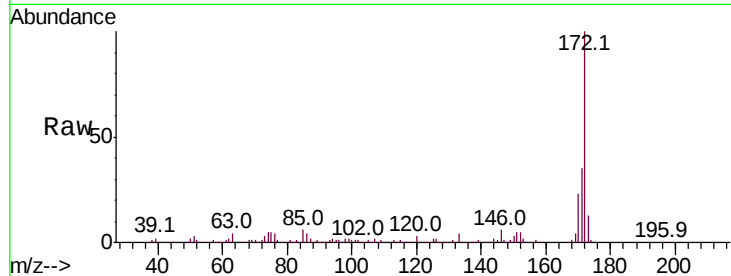




#45
2-Fluorobiphenyl
Concen: 86.429 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

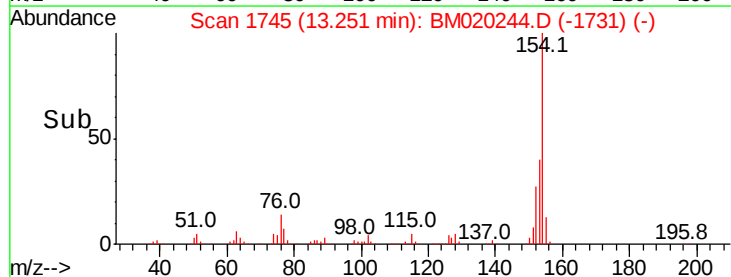
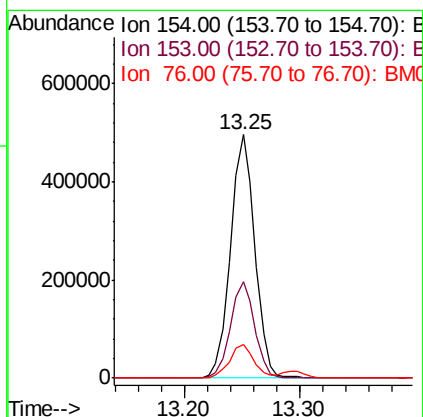
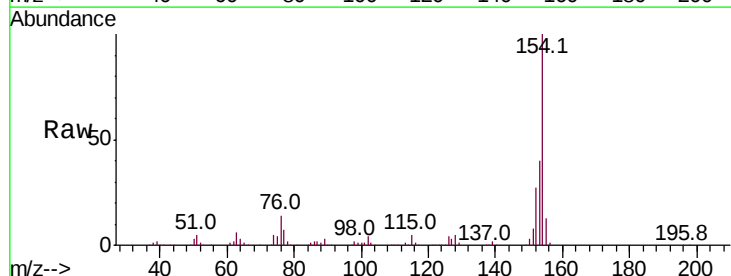
Instrument :
BNA_M
ClientSampleId :
HW-7MSD

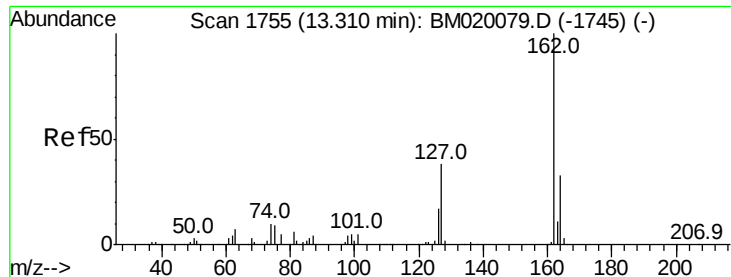
Tot Ion:172 Resp: 1409635
Ion Ratio Lower Upper
172 100
171 35.3 27.3 40.9
170 22.7 17.9 26.9



#46
1,1'-Biphenyl
Concen: 43.550 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion:154 Resp: 719312
Ion Ratio Lower Upper
154 100
153 39.6 19.4 59.4
76 13.9 0.0 34.5





#47

2-Chloronaphthalene

Concen: 43.185 ng

RT: 13.29 min Scan# 1752

Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

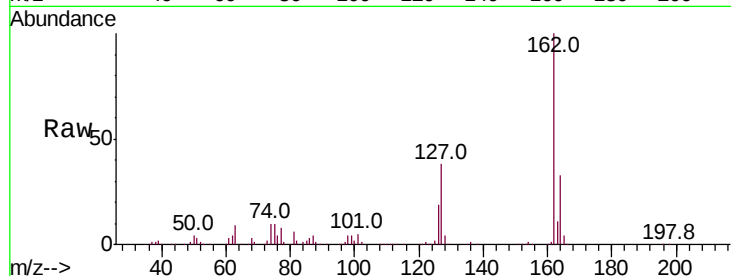
Tot Ion:162 Resp: 569502

Ion Ratio Lower Upper

162 100

127 38.4 31.0 46.4

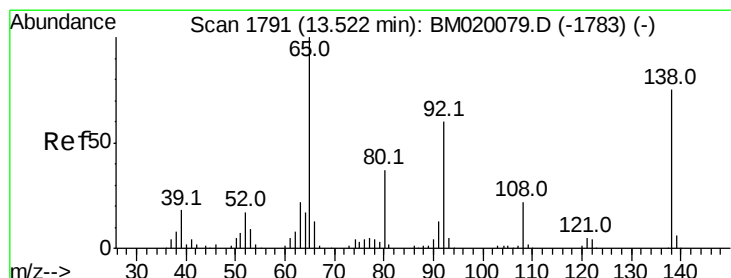
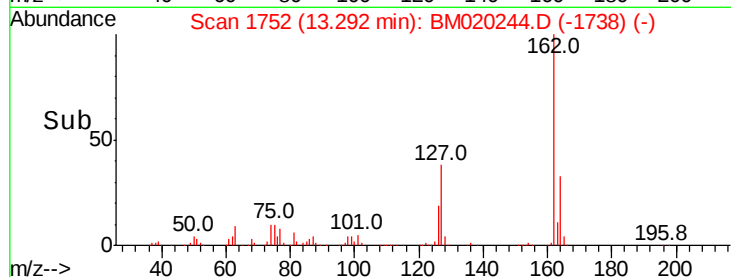
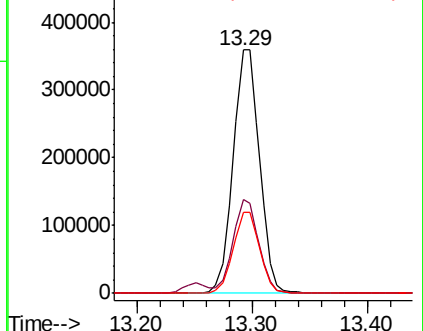
164 33.2 26.2 39.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.752 ng

RT: 13.51 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

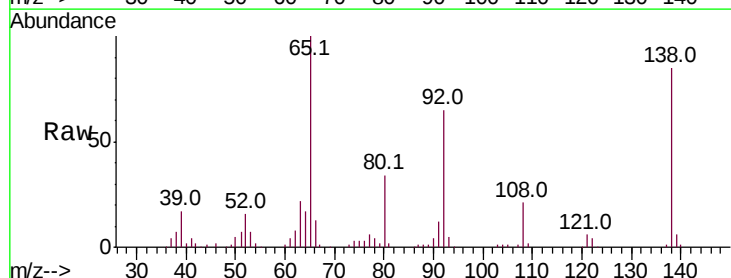
Tgt Ion: 65 Resp: 214806

Ion Ratio Lower Upper

65 100

92 65.2 48.2 72.4

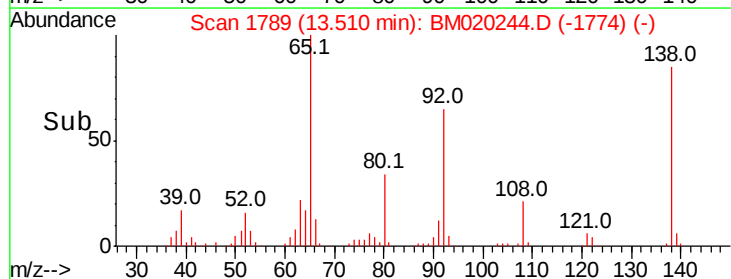
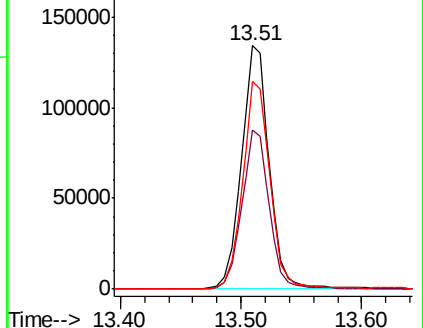
138 85.4 60.3 90.5

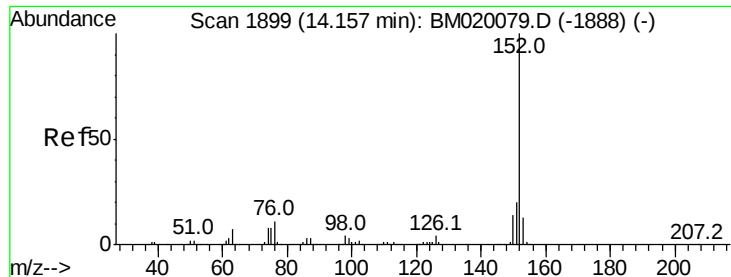


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.554 ng

RT: 14.14 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

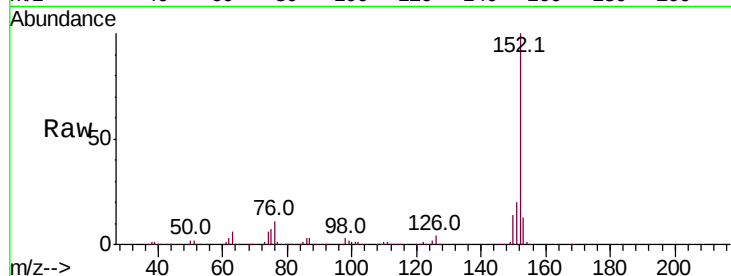
Tot Ion:152 Resp: 919221

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

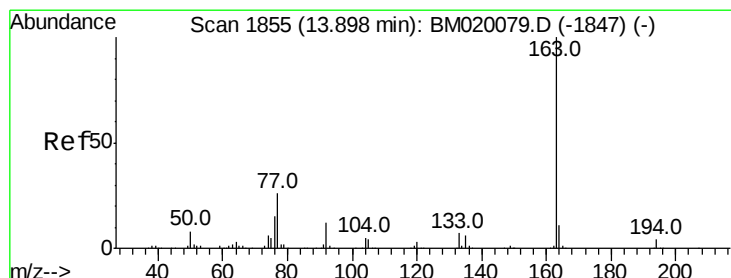
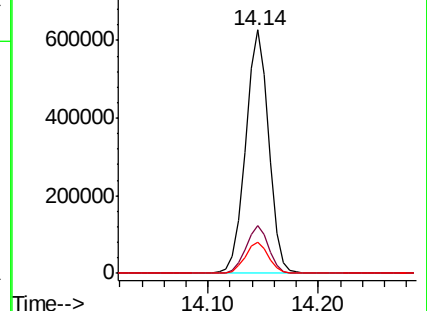
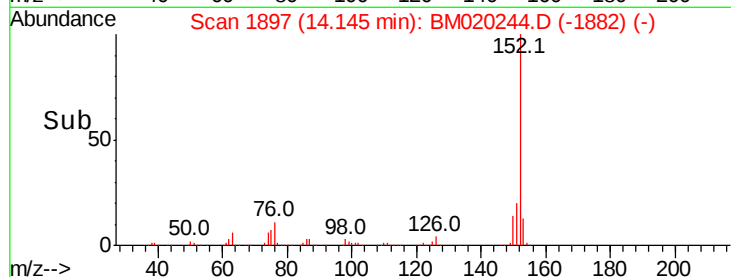
153 12.8 10.6 16.0



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: 45.803 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

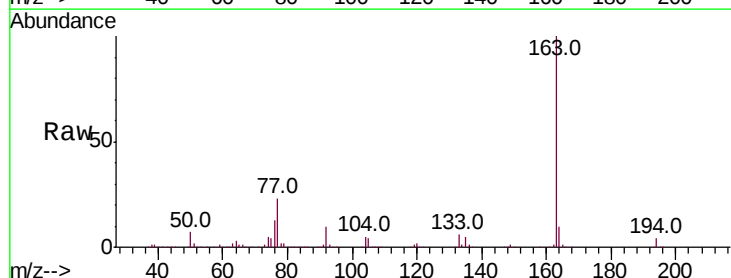
Tgt Ion:163 Resp: 781196

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

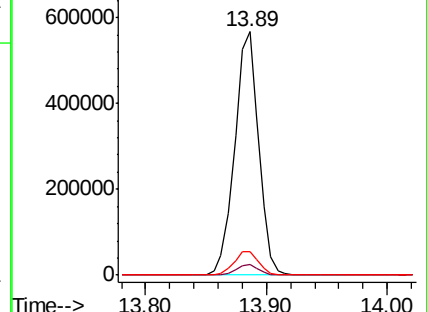
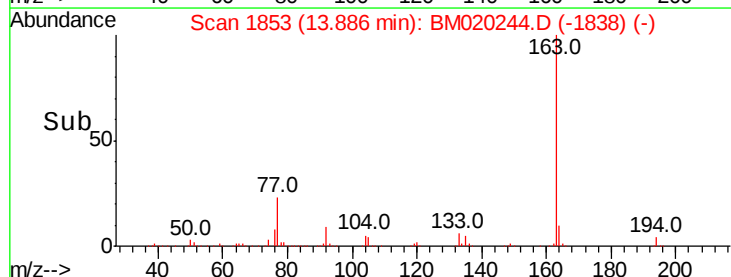
164 9.9 8.4 12.6

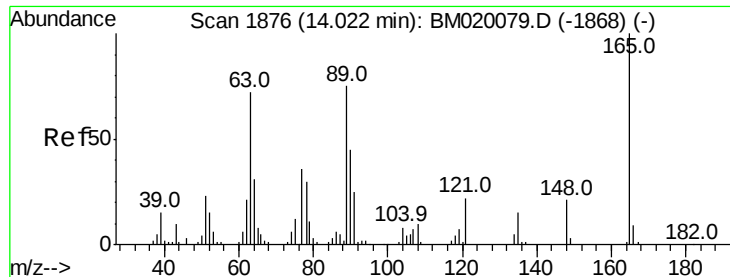


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

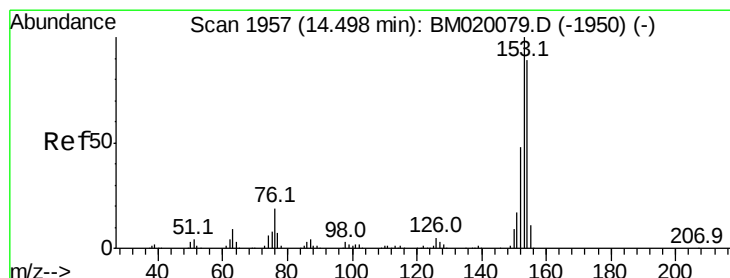
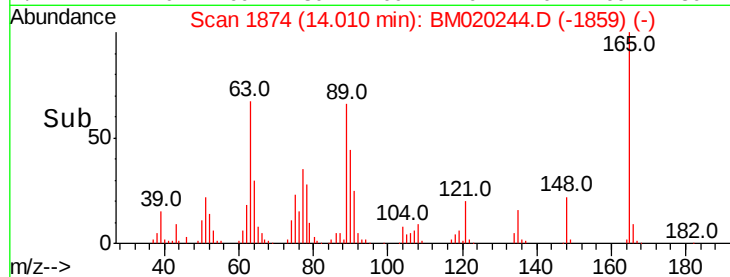
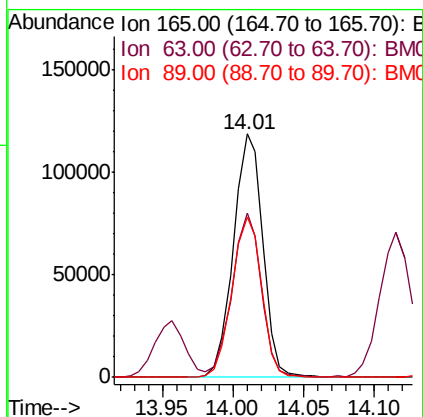
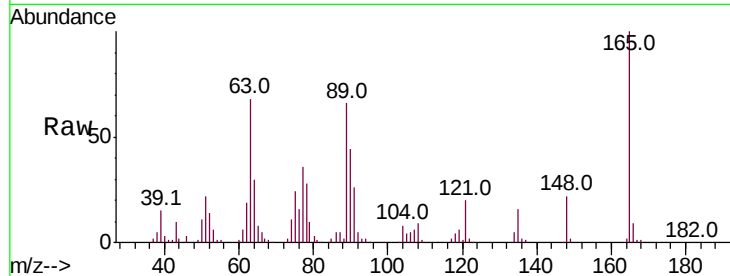




#51
 2,6-Dinitrotoluene
 Concen: 47.843 ng
 RT: 14.01 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

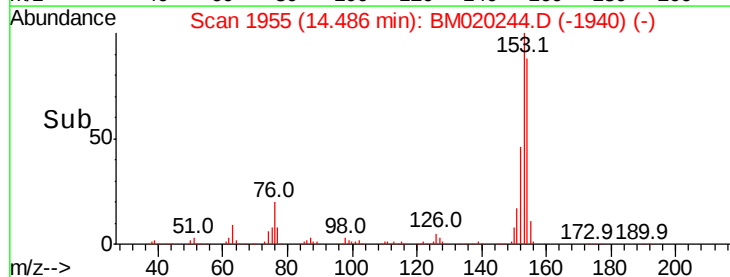
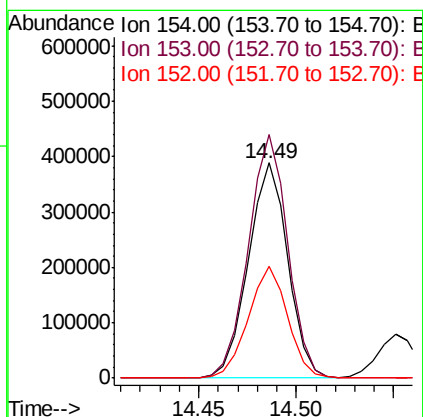
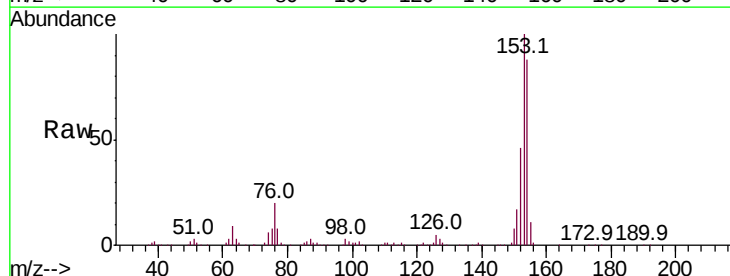
Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

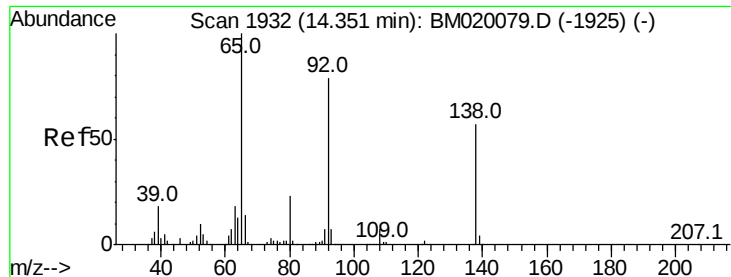
Tot Ion:165 Resp: 171863
 Ion Ratio Lower Upper
 165 100
 63 67.7 60.3 90.5
 89 65.7 59.8 89.6



#52
 Acenaphthene
 Concen: 45.024 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion:154 Resp: 544919
 Ion Ratio Lower Upper
 154 100
 153 113.3 90.2 135.2
 152 52.2 43.0 64.4

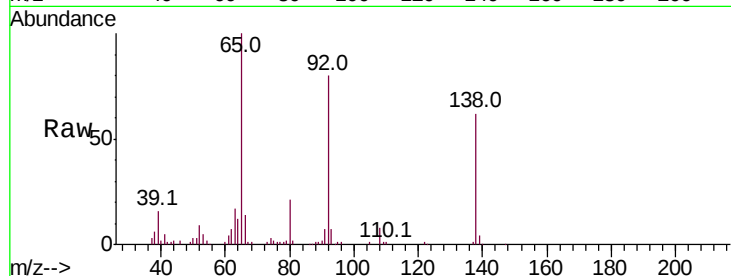




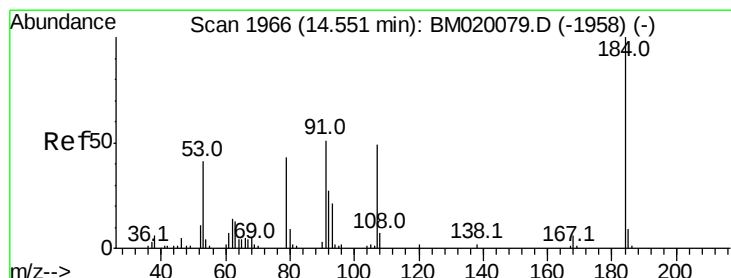
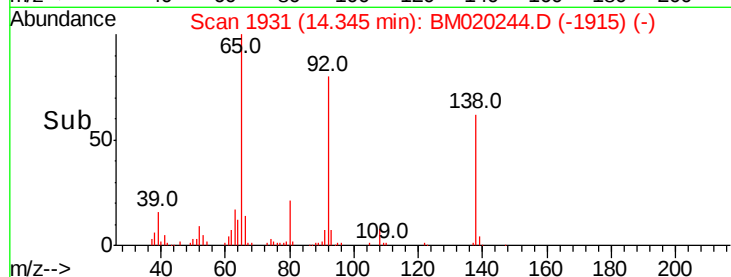
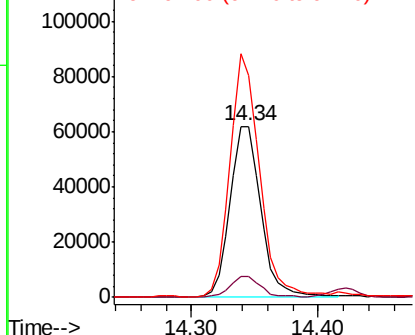
#53
3-Nitroaniline
Concen: 31.375 ng
RT: 14.34 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tot Ion:138 Resp: 104604
Ion Ratio Lower Upper
138 100
108 12.5 10.4 15.6
92 129.9 111.3 166.9

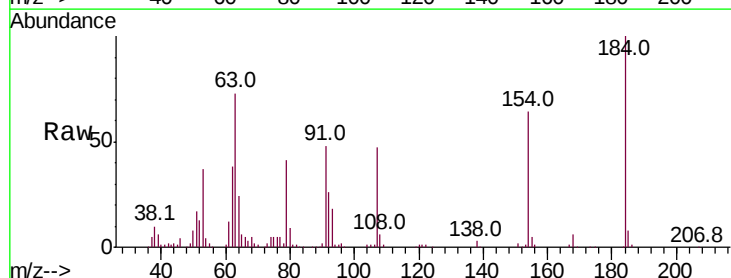


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

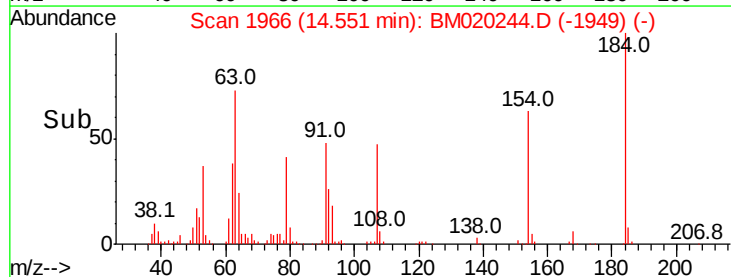
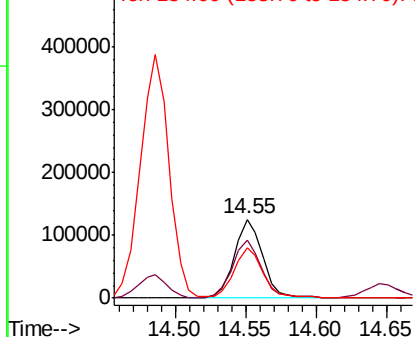


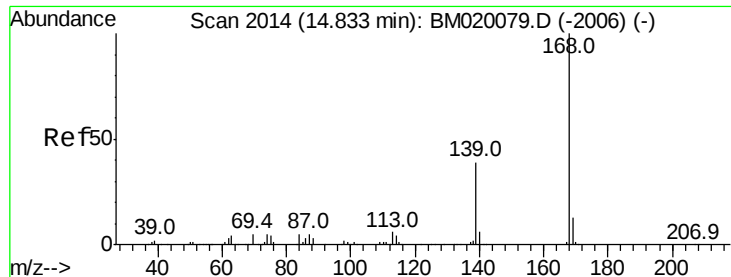
#54
2,4-Dinitrophenol
Concen: 96.284 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion:184 Resp: 176717
Ion Ratio Lower Upper
184 100
63 72.9 68.9 103.3
154 63.7 54.4 81.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

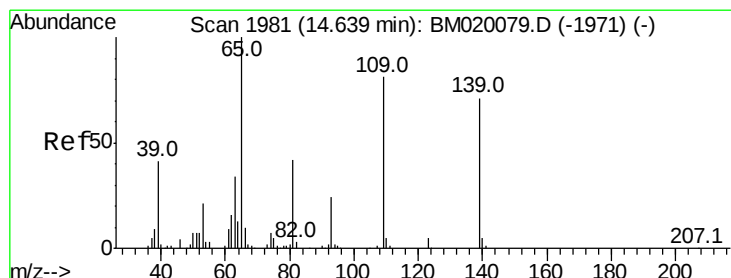
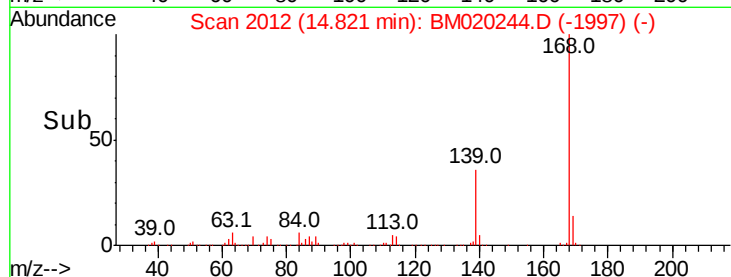
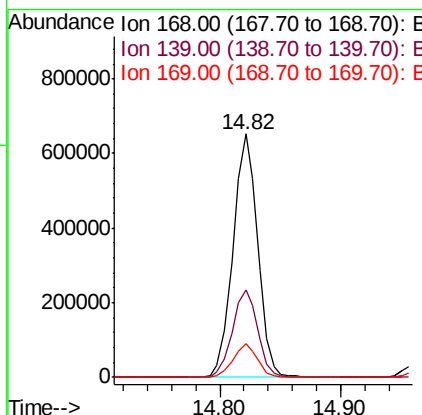
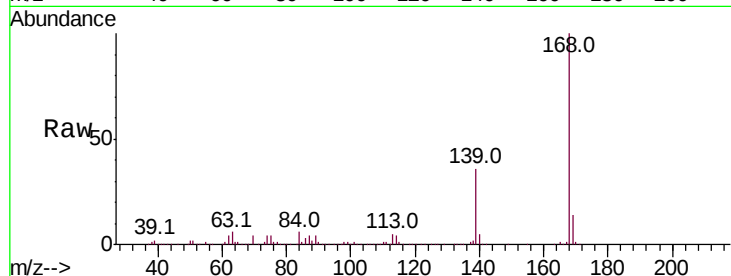




#55
Dibenzofuran
Concen: 45.478 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

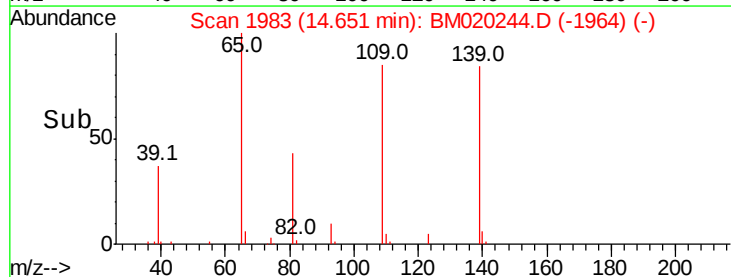
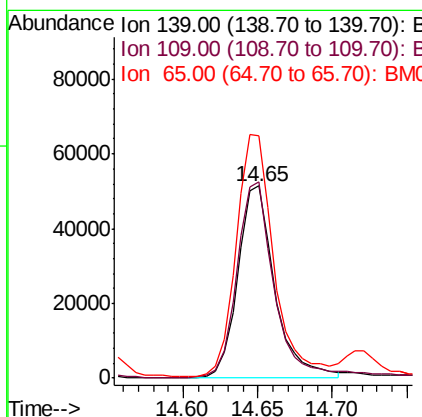
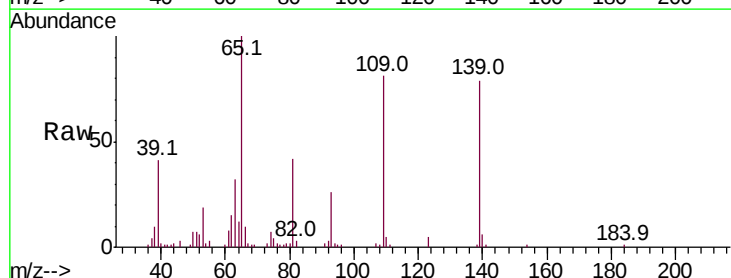
Instrument :
BNA_M
ClientSampleId :
HW-7MSD

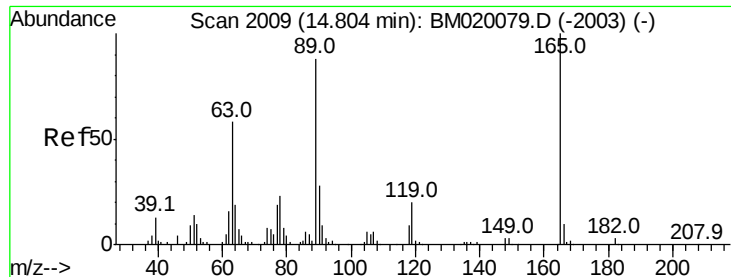
Tot Ion:168 Resp: 928432
Ion Ratio Lower Upper
168 100
139 36.1 31.1 46.7
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 31.133 ng
RT: 14.65 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion:139 Resp: 88560
Ion Ratio Lower Upper
139 100
109 102.5 94.1 134.1
65 126.0 120.9 160.9

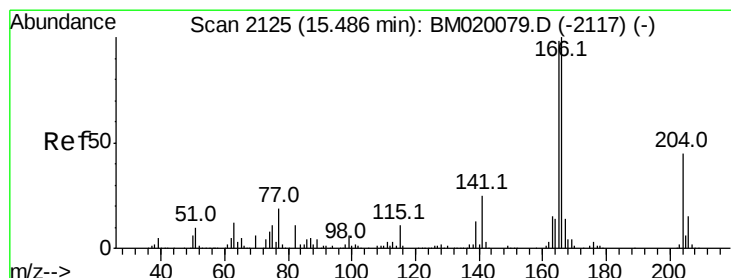
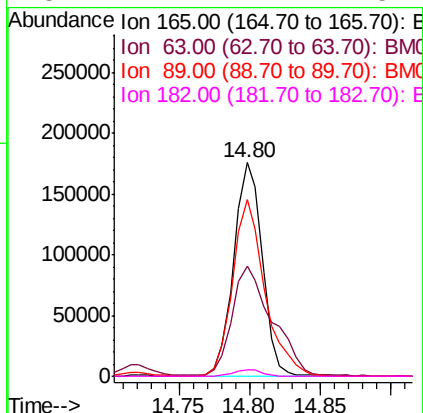
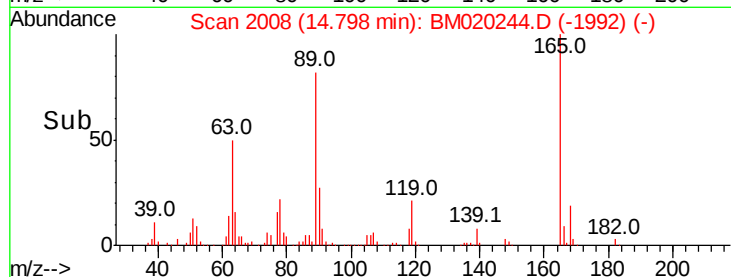
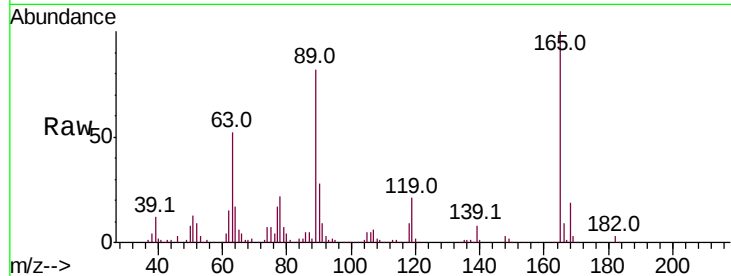




#57
 2,4-Dinitrotoluene
 Concen: 51.047 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

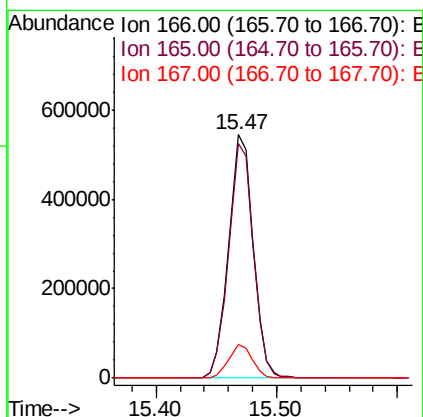
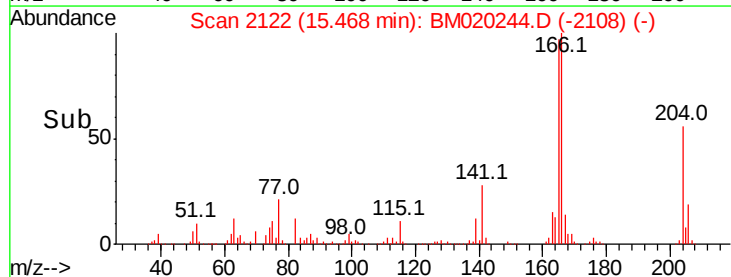
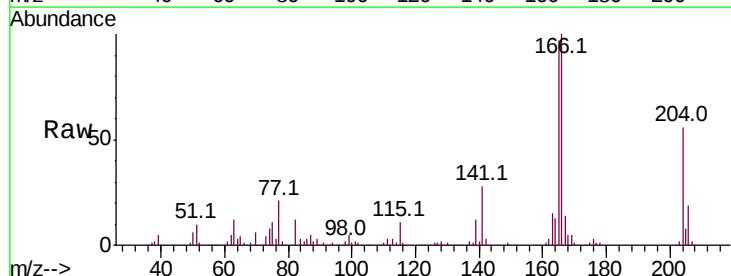
Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

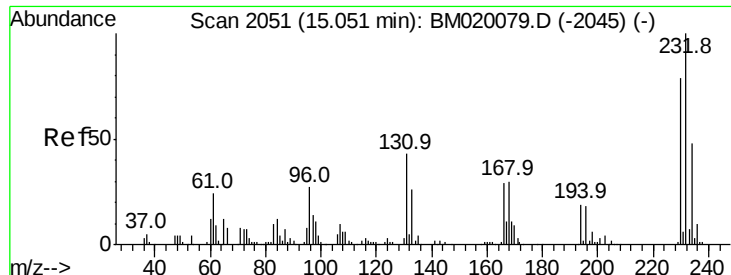
Tot Ion:	165	Resp:	249169
Ion	Ratio	Lower	Upper
165	100		
63	51.7	46.2	69.2
89	82.5	70.6	105.8
182	2.7	2.2	3.2



#58
 Fluorene
 Concen: 46.321 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.02 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion:	166	Resp:	776636
Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.2	117.2
167	14.0	11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.264 ng

RT: 15.04 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

Tot Ion:232 Resp: 214407

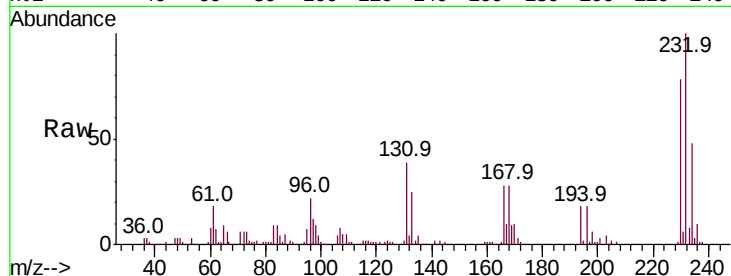
Ion Ratio Lower Upper

232 100

131 38.7 34.2 51.4

130 2.2 2.0 3.0

166 29.2 23.8 35.8

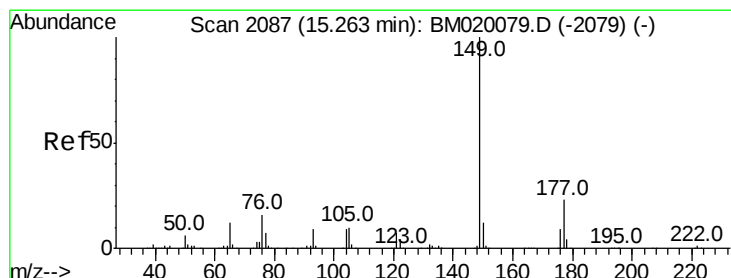
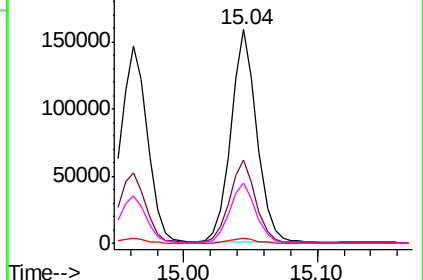
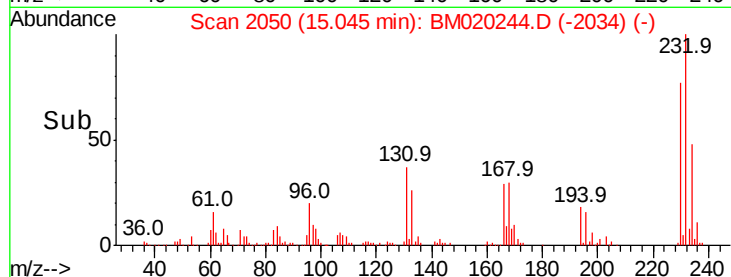


Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.997 ng

RT: 15.24 min Scan# 2084

Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

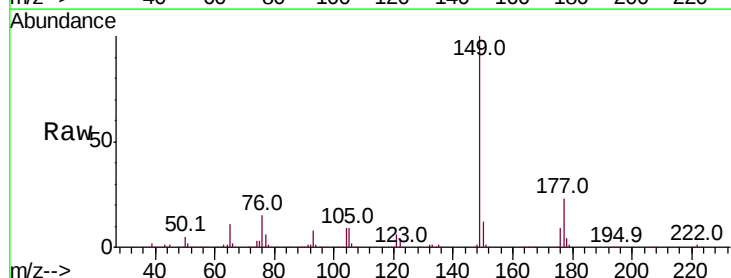
Tgt Ion:149 Resp: 790369

Ion Ratio Lower Upper

149 100

177 22.6 18.2 27.4

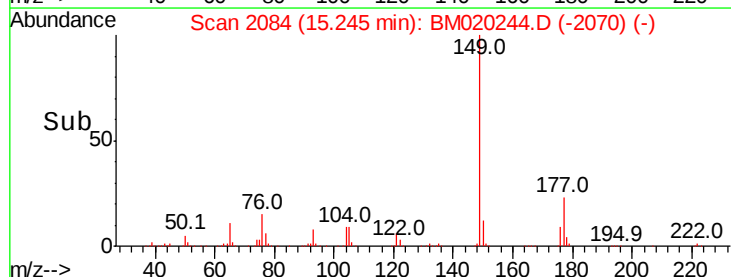
150 12.4 9.9 14.9



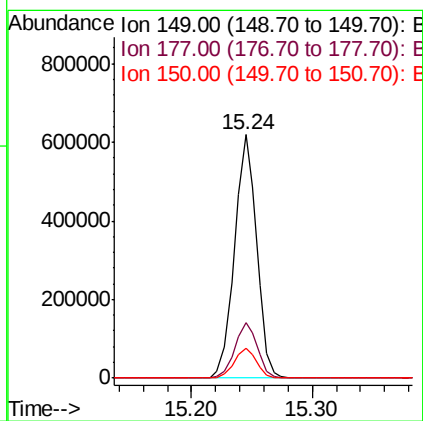
Abundance Ion 149.00 (148.70 to 149.70): E

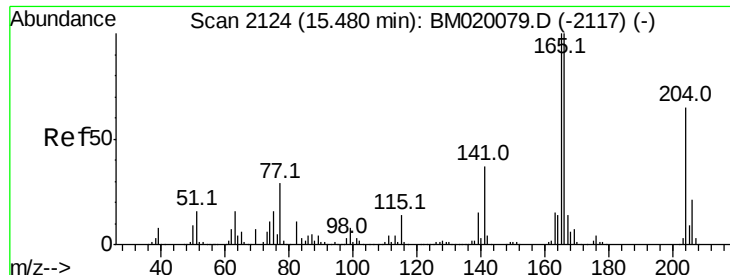
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

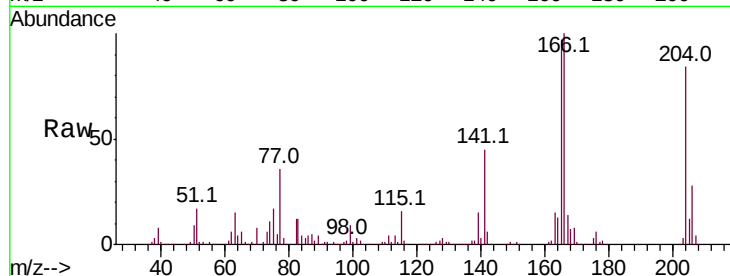




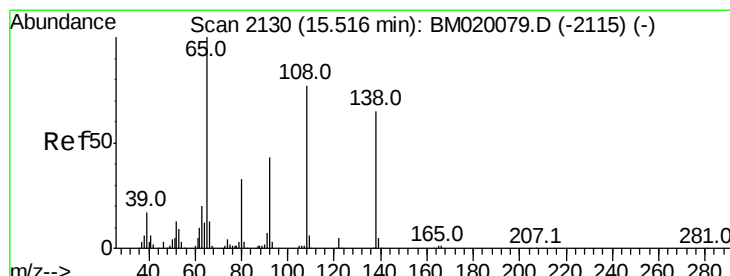
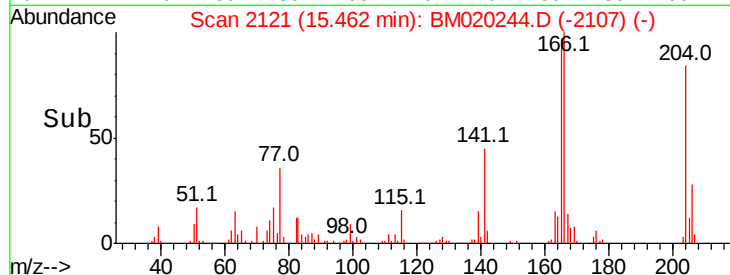
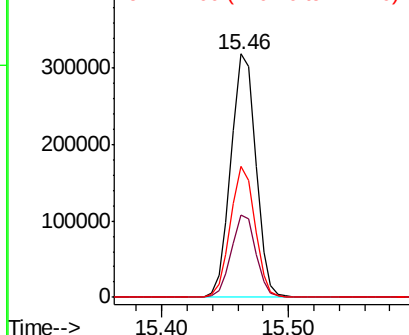
#61
 4-Chlorophenyl-phenylether
 Concen: 45.761 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.02 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

Tot Ion:204 Resp: 434722
 Ion Ratio Lower Upper
 204 100
 206 33.9 25.6 38.4
 141 53.7 46.1 69.1

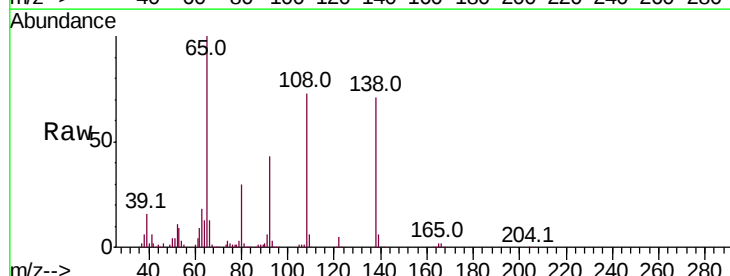


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

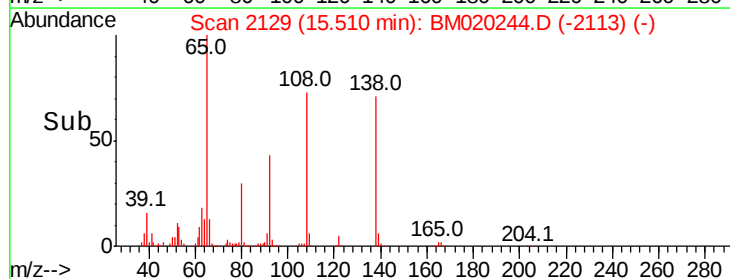
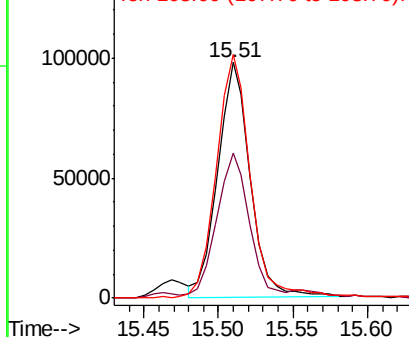


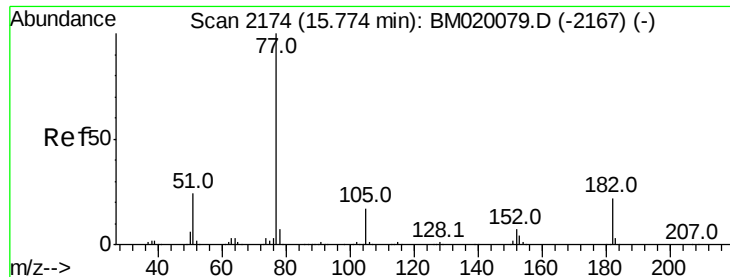
#62
 4-Nitroaniline
 Concen: 40.443 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion:138 Resp: 148807
 Ion Ratio Lower Upper
 138 100
 92 61.3 45.9 85.9
 108 103.3 97.7 137.7



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

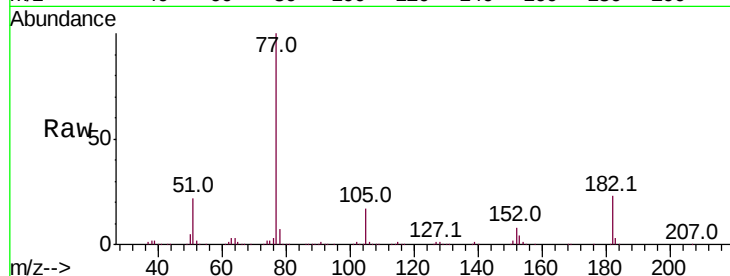




#63
Azobenzene
Concen: 42.778 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tot Ion:	77	Resp:	867159
Ion	Ratio	Lower	Upper
77	100		
182	22.6	2.1	42.1
105	17.0	0.0	36.8
51	21.9	3.8	43.8

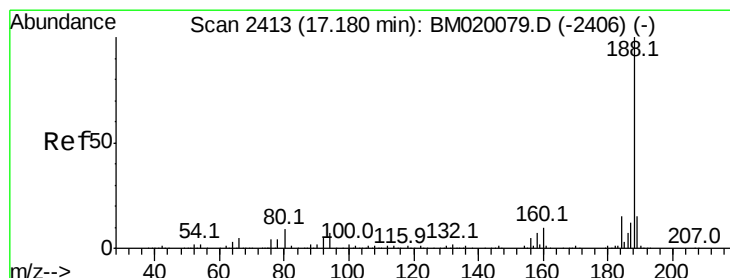
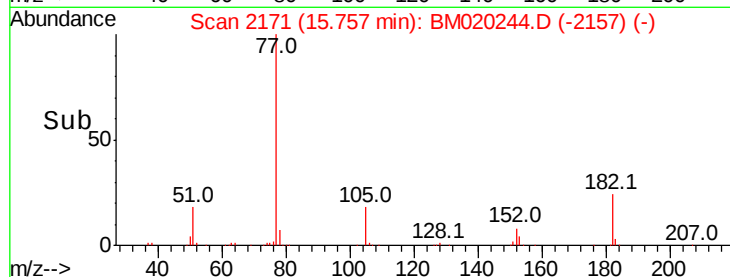
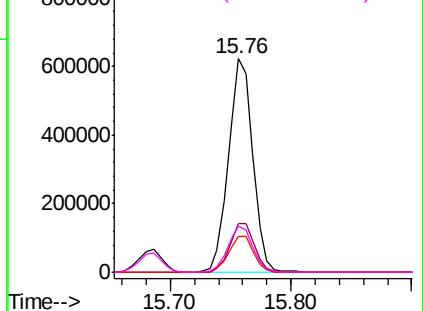


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-2167) (-)

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

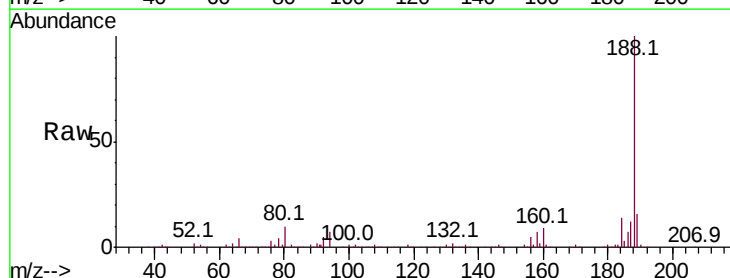
Ion 105.00 (104.70 to 105.70): BM020079.D (-2167) (-)

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



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

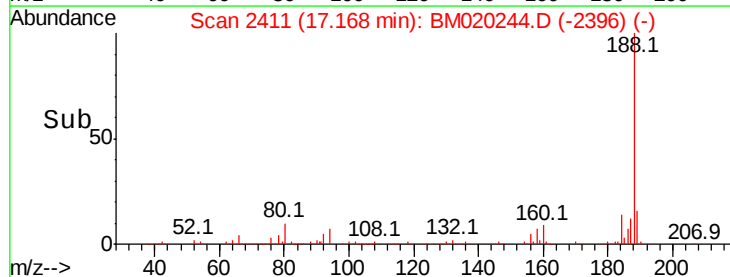
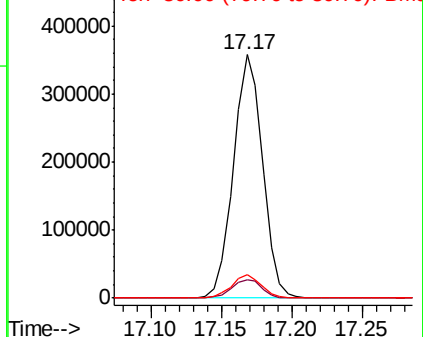
Tgt Ion:	188	Resp:	515719
Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.8	8.6
80	9.6	7.4	11.2

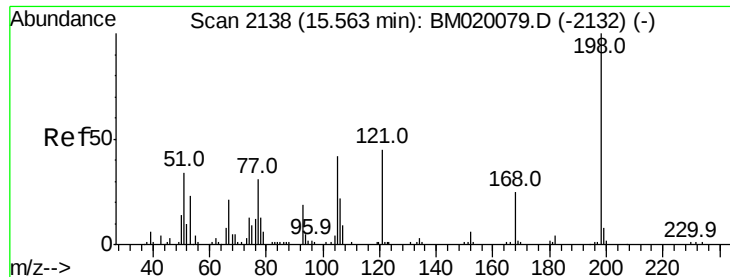


Abundance Ion 188.00 (187.70 to 188.70): BM020079.D (-2406) (-)

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

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

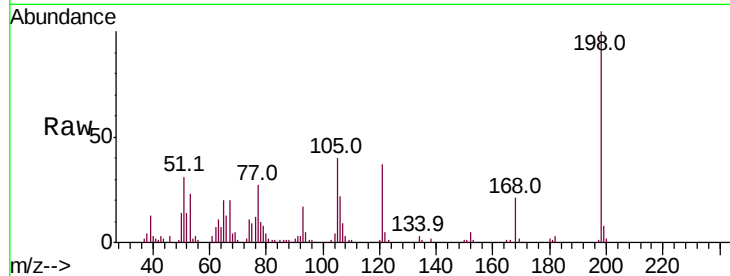




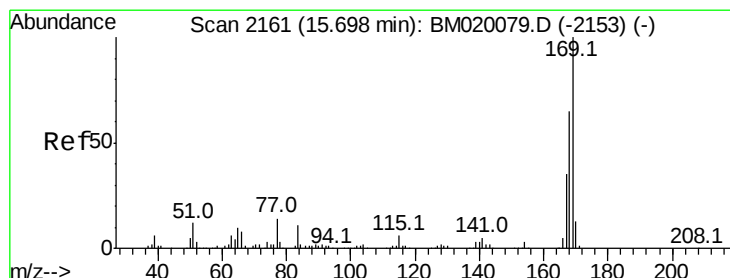
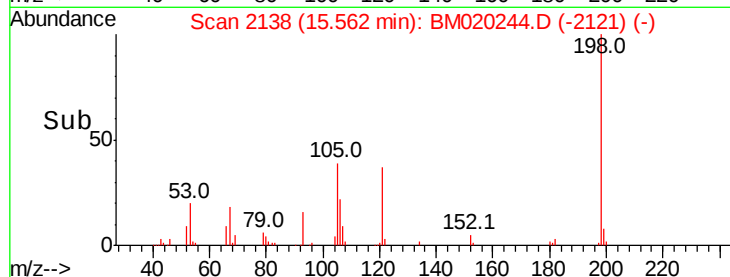
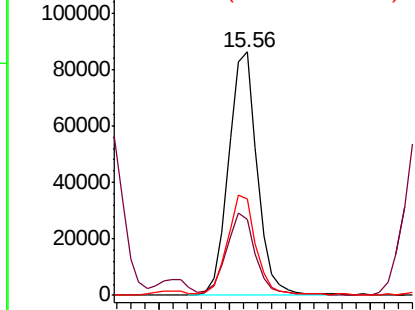
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.967 ng
 RT: 15.56 min Scan# 2138
 Delta R.T. 0.00 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	30.9	16.5	56.5
105	39.8	22.8	62.8

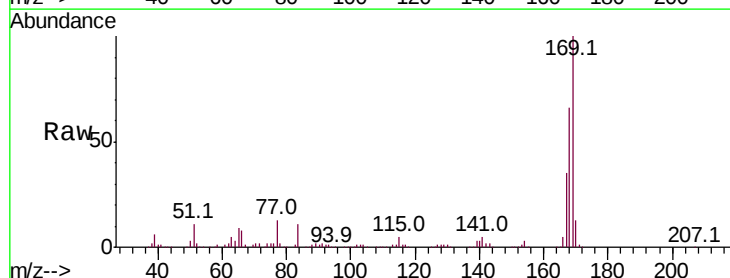


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

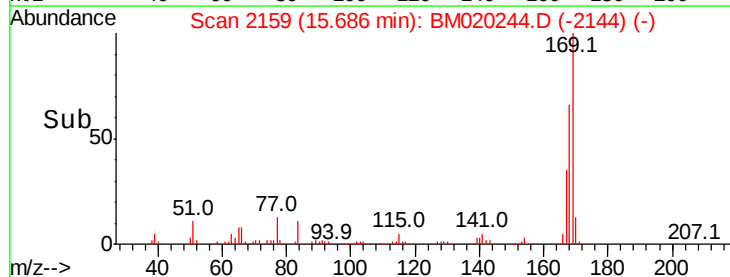
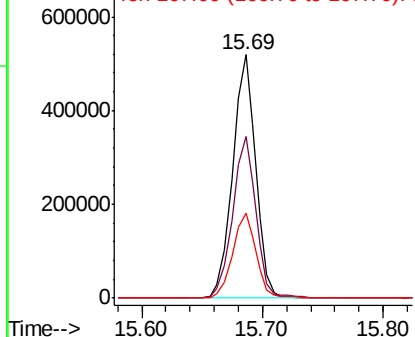


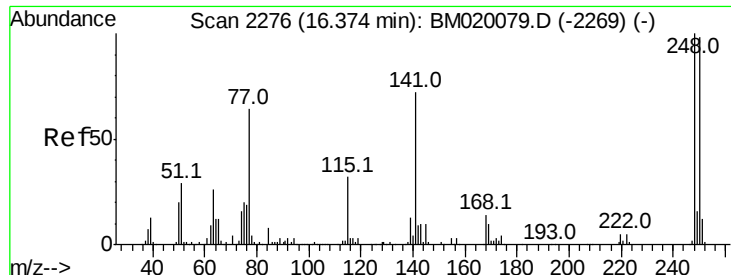
#66
 n-Nitrosodiphenylamine
 Concen: 45.468 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	51.9	77.9
167	34.9	27.8	41.6



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

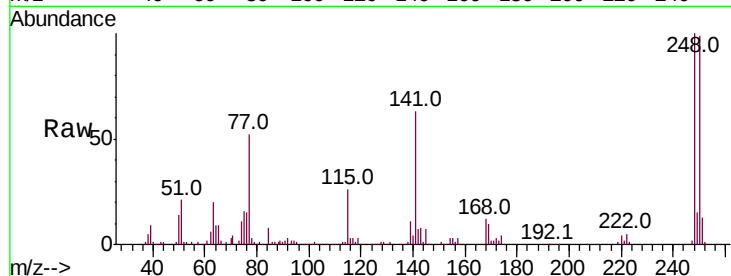




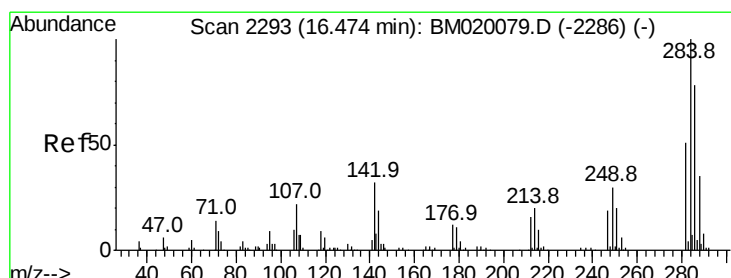
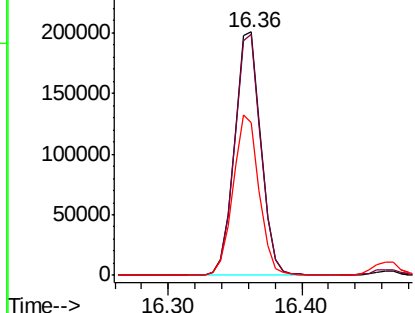
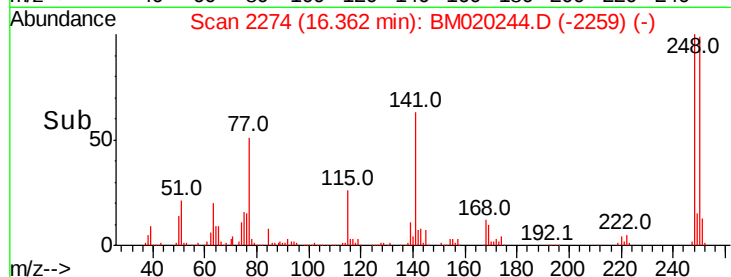
#67
 4-Bromophenyl-phenylether
 Concen: 43.629 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

Tot Ion:248 Resp: 275910
 Ion Ratio Lower Upper
 248 100
 250 99.1 78.4 117.6
 141 63.0 57.4 86.2

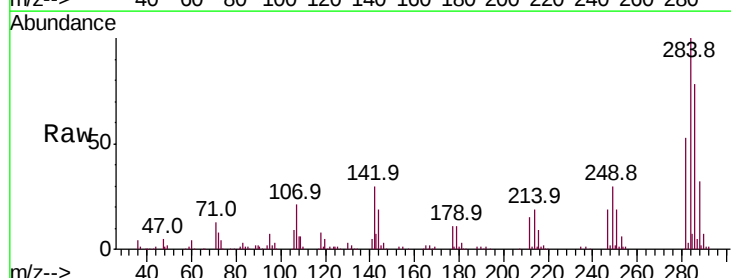


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

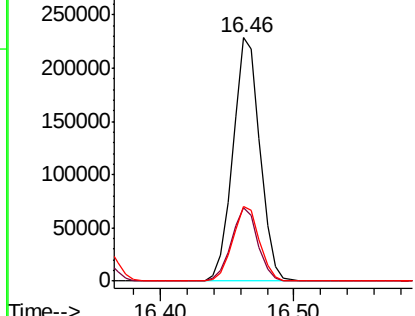
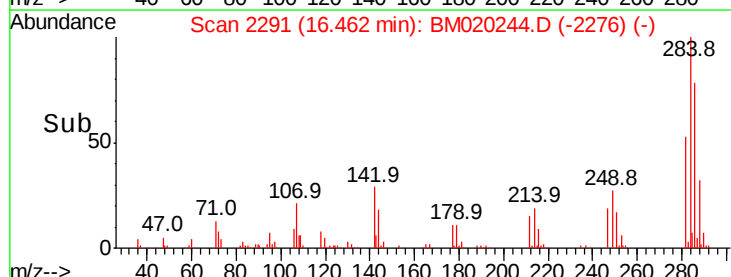


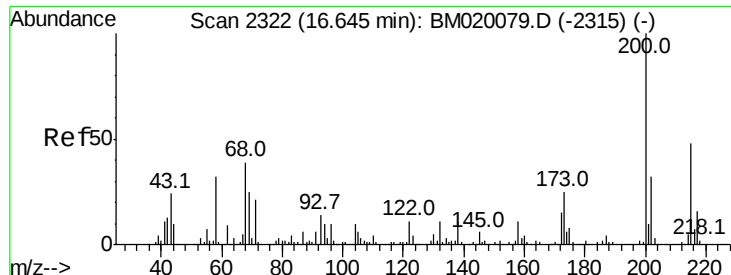
#68
 Hexachlorobenzene
 Concen: 44.080 ng
 RT: 16.46 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion:284 Resp: 320787
 Ion Ratio Lower Upper
 284 100
 142 30.3 25.2 37.8
 249 30.4 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

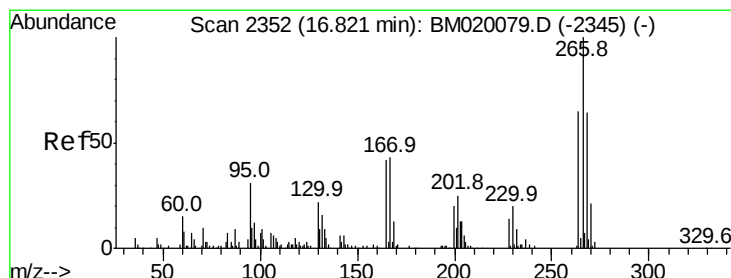
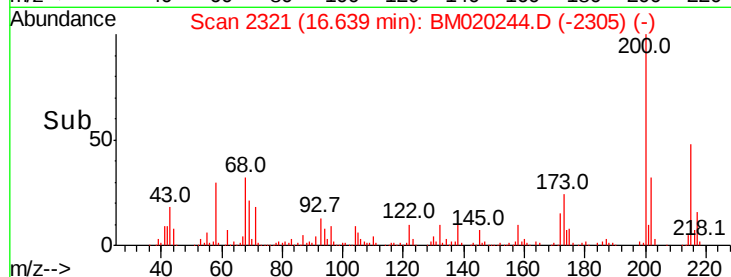
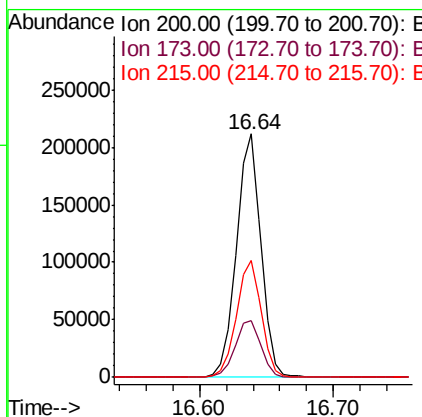
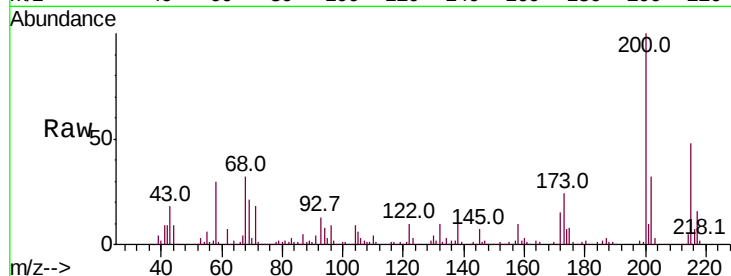




#69
 Atrazine
 Concen: 45.503 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

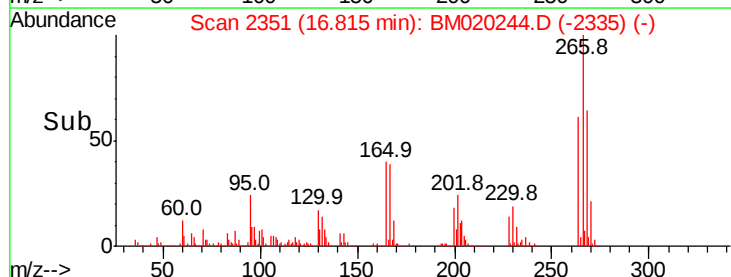
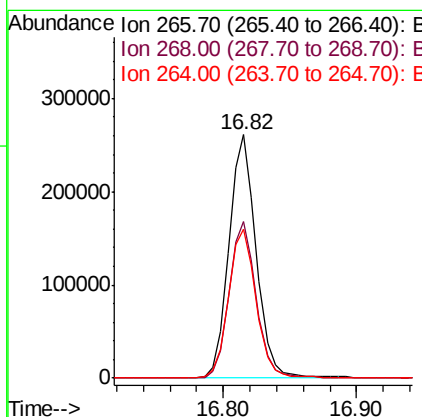
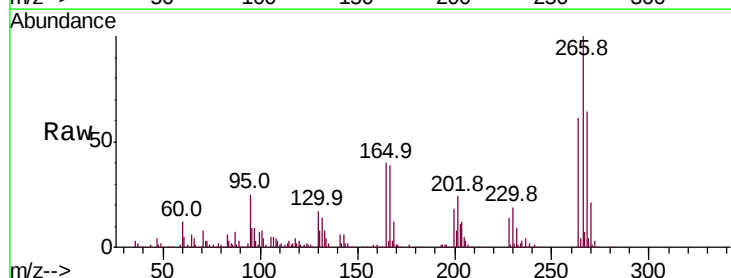
Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

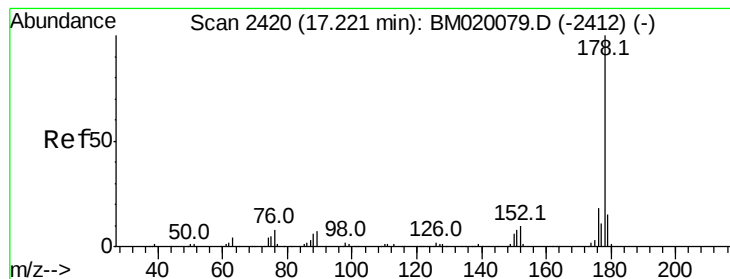
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.6	4.6	44.6
215	48.3	28.0	68.0



#70
 Pentachlorophenol
 Concen: 89.638 ng
 RT: 16.82 min Scan# 2351
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.4	77.0
264	61.1	52.0	78.0





#71

Phenanthrene

Concen: 45.713 ng

RT: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

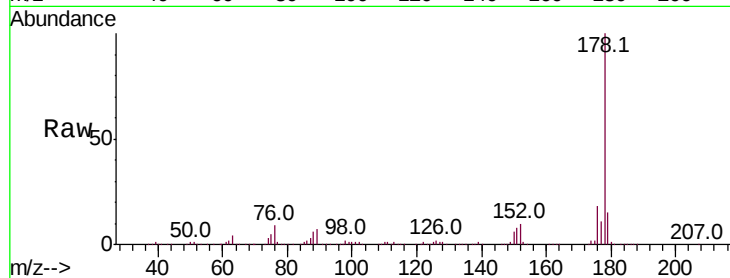
Tot Ion:178 Resp: 1301354

Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

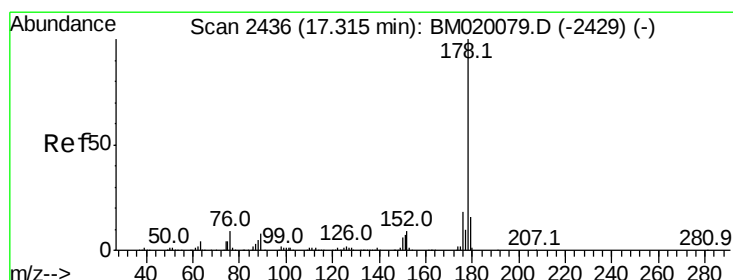
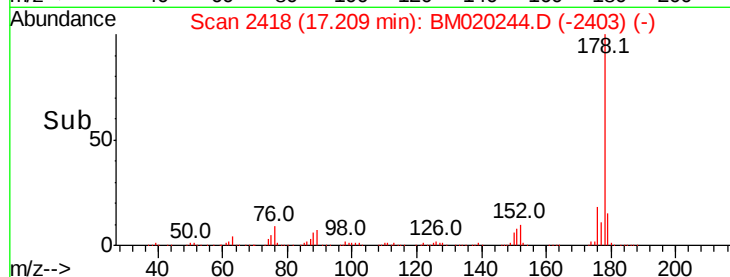
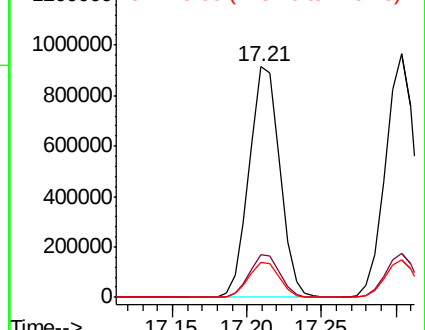
179 15.3 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.677 ng

RT: 17.30 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

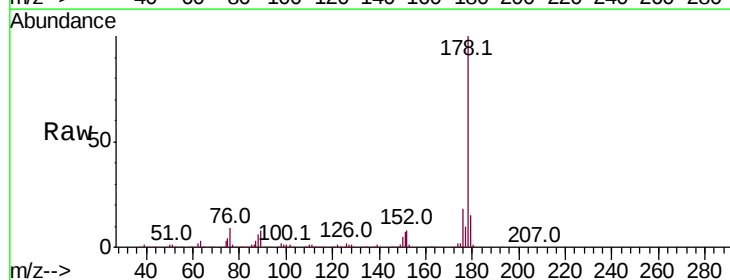
Tgt Ion:178 Resp: 1328565

Ion Ratio Lower Upper

178 100

176 18.0 14.6 22.0

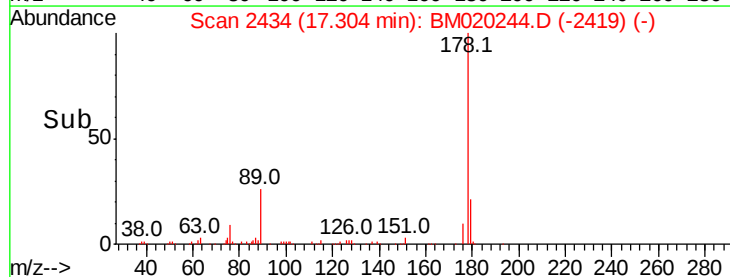
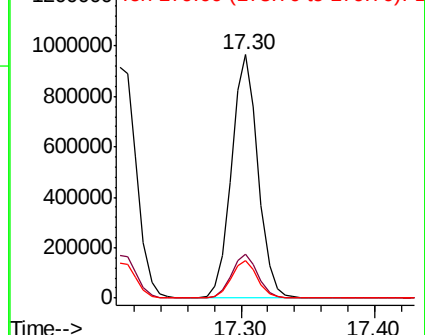
179 15.4 12.4 18.6

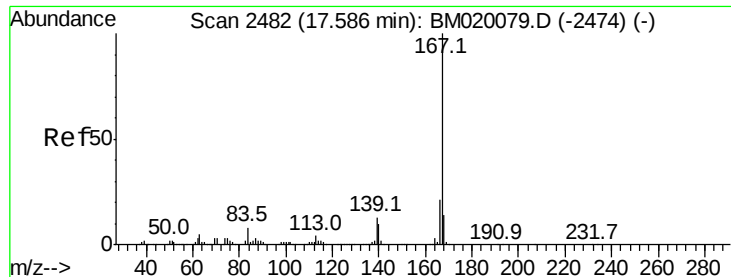


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

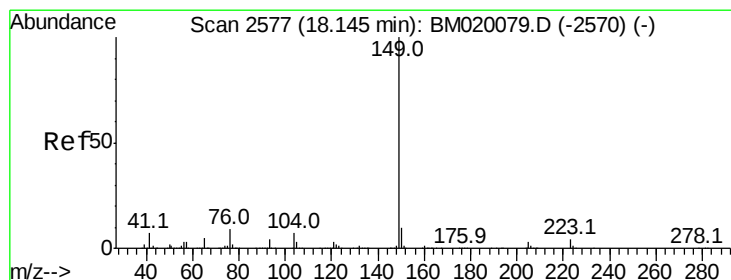
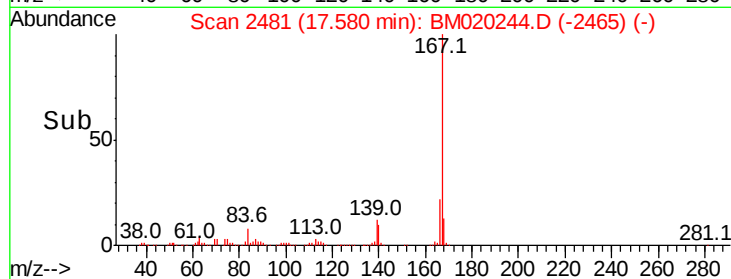
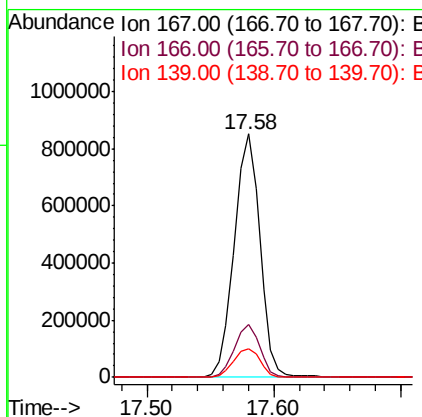
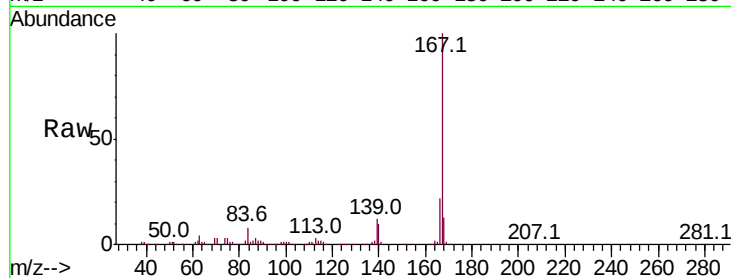




#73
 Carbazole
 Concen: 46.703 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

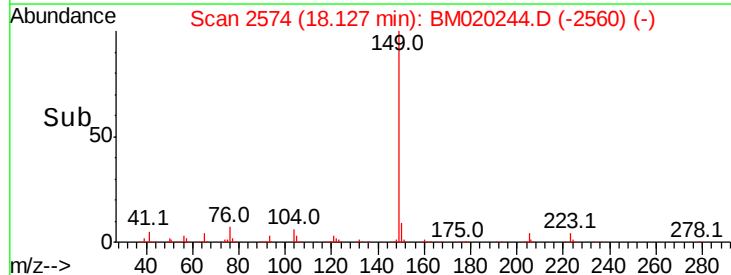
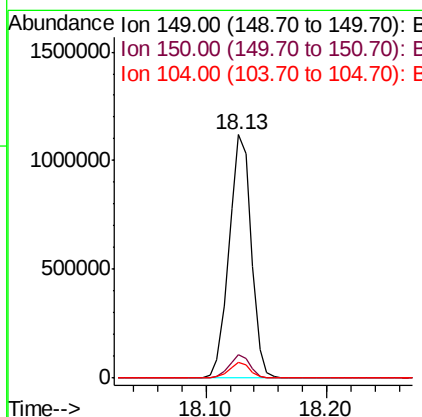
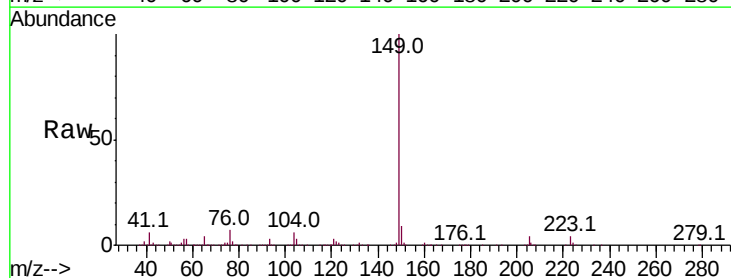
Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

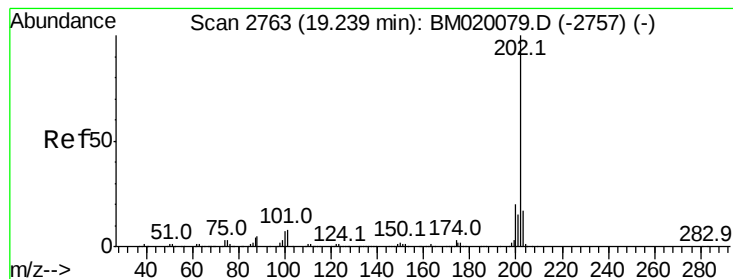
Tot Ion:167 Resp: 1199459
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 12.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 46.198 ng
 RT: 18.13 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion:149 Resp: 1427866
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.6
 104 6.3 5.7 8.5





#75

Fluoranthene

Concen: 47.756 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

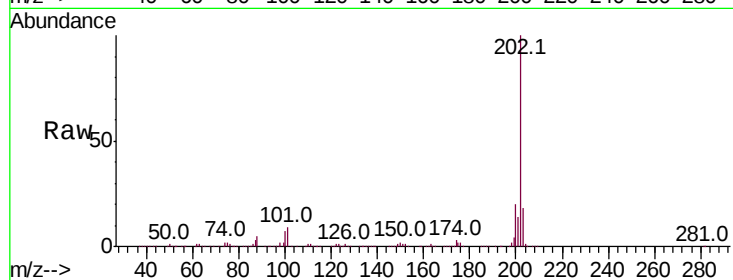
Tot Ion:202 Resp: 1720155

Ion Ratio Lower Upper

202 100

101 9.3 0.0 28.4

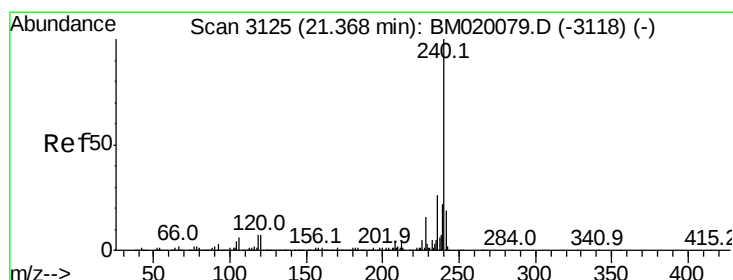
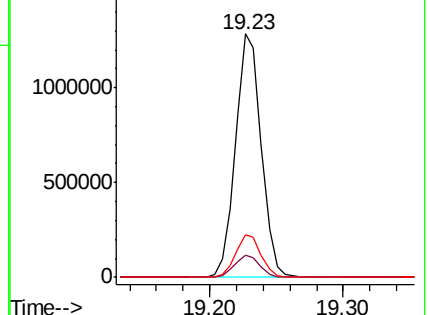
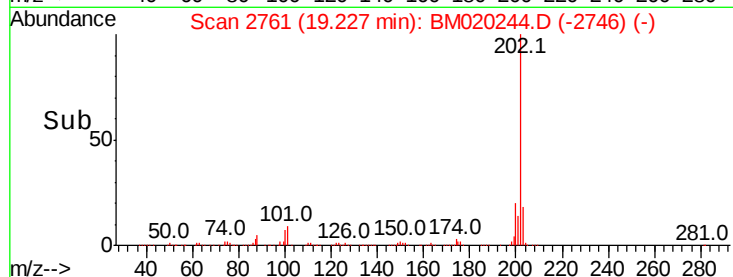
203 17.6 0.0 37.4



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: BM020244.D

Acq: 10 May 2019 16:28

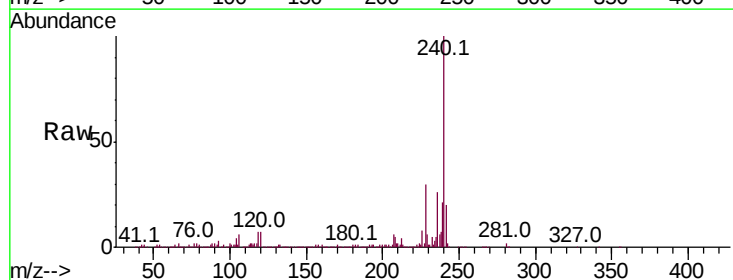
Tgt Ion:240 Resp: 598816

Ion Ratio Lower Upper

240 100

120 7.4 5.6 8.4

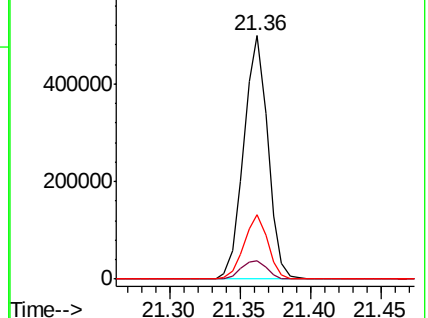
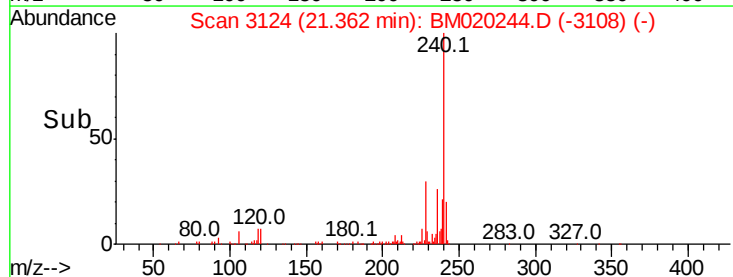
236 26.3 20.9 31.3

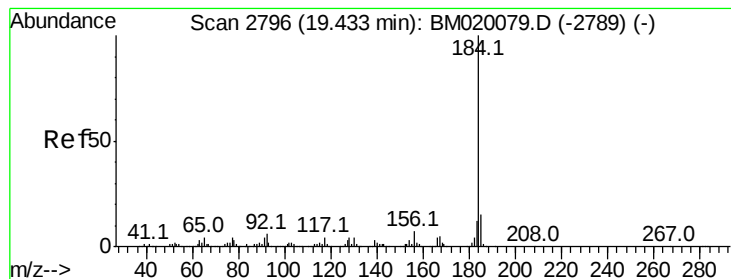


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.278 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

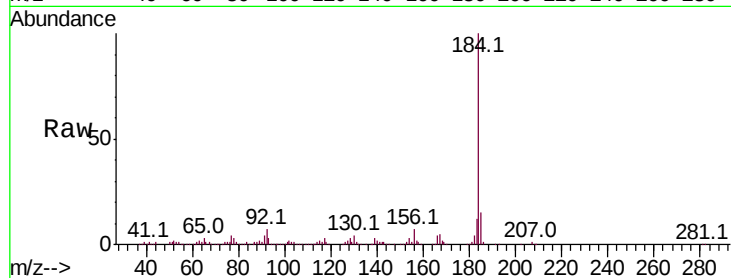
Tot Ion:184 Resp: 617951

Ion Ratio Lower Upper

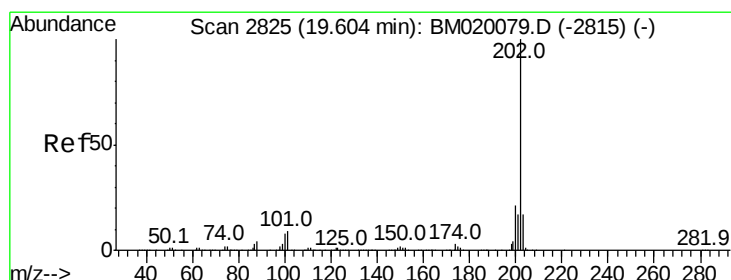
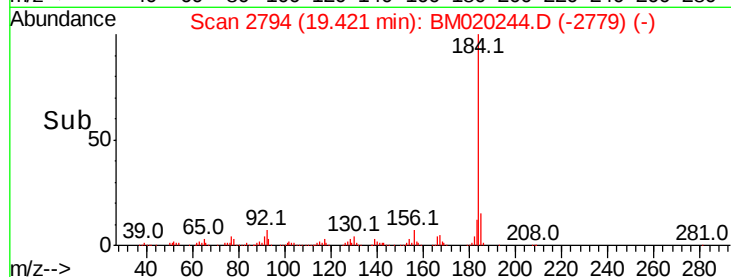
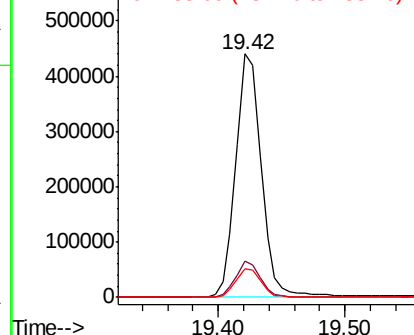
184 100

185 14.8 12.0 18.0

183 11.8 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: 44.260 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

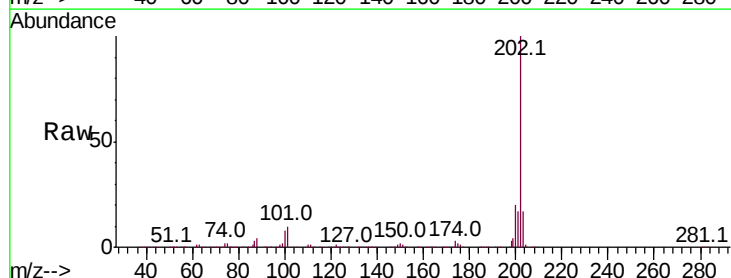
Tgt Ion:202 Resp: 1779405

Ion Ratio Lower Upper

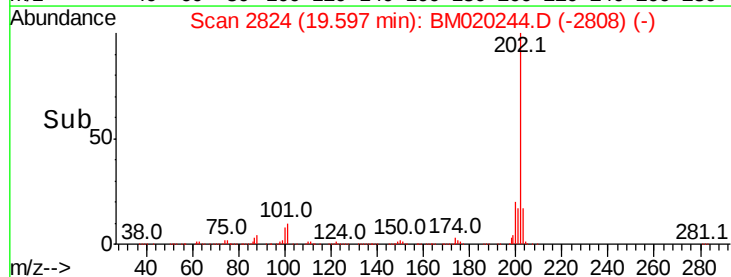
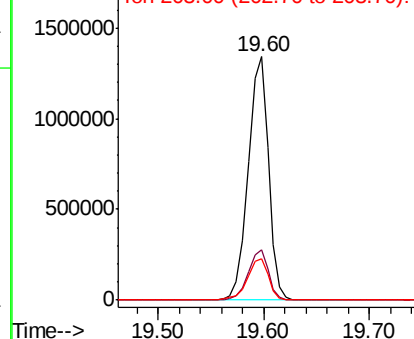
202 100

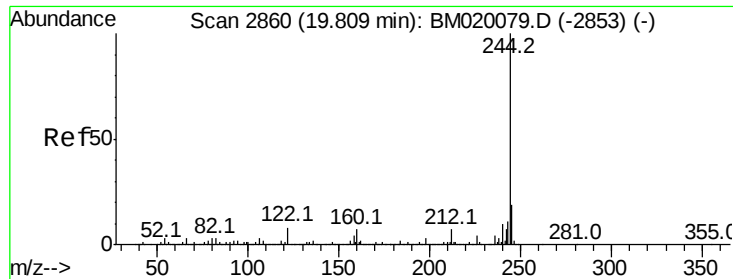
200 20.5 16.5 24.7

203 17.1 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.115 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

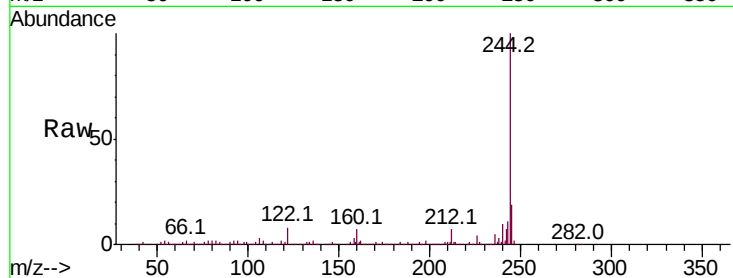
Tot Ion:244 Resp: 3093782

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

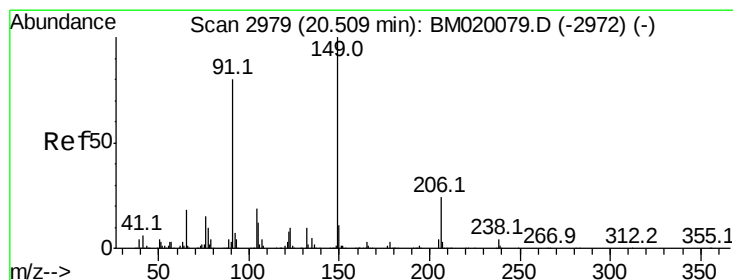
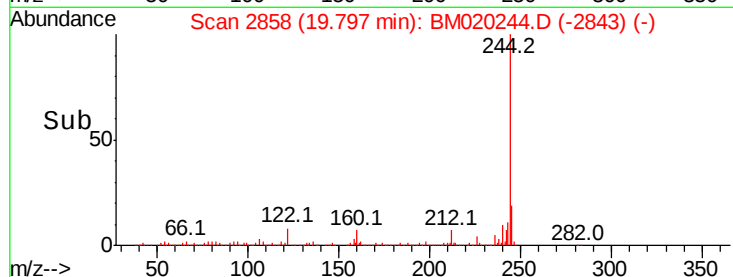
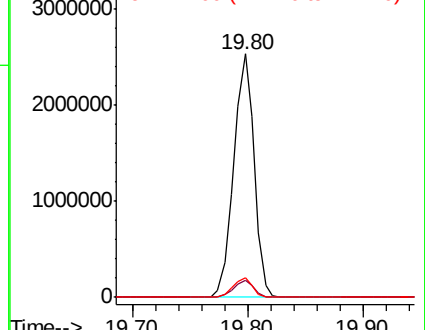
122 7.9 6.2 9.2



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: 49.755 ng

RT: 20.49 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

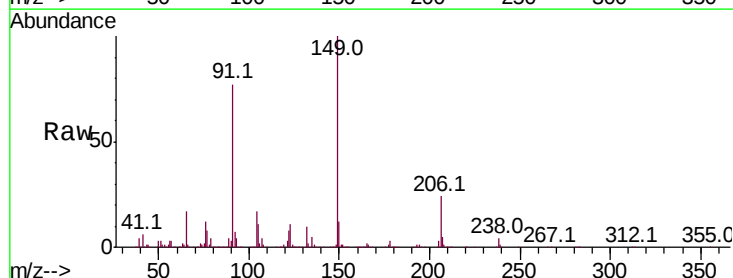
Tgt Ion:149 Resp: 727433

Ion Ratio Lower Upper

149 100

91 77.3 63.8 95.8

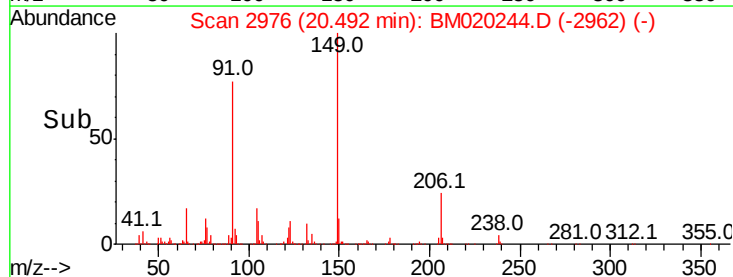
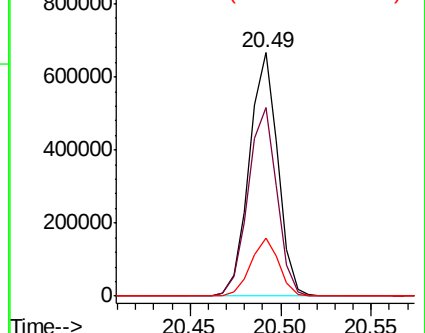
206 24.0 18.9 28.3

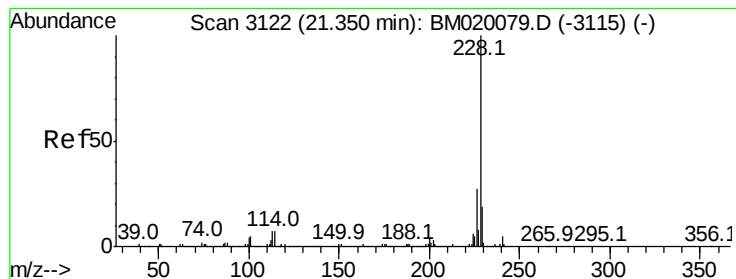


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.555 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

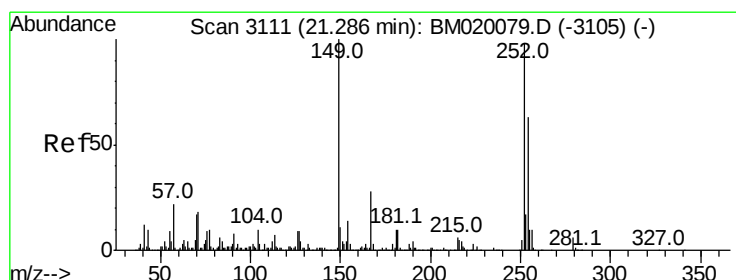
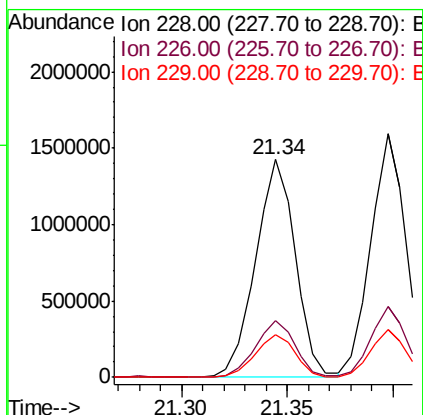
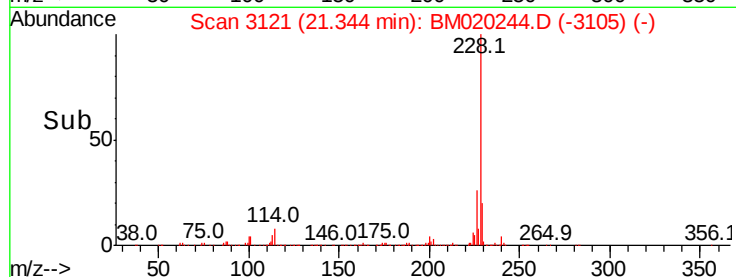
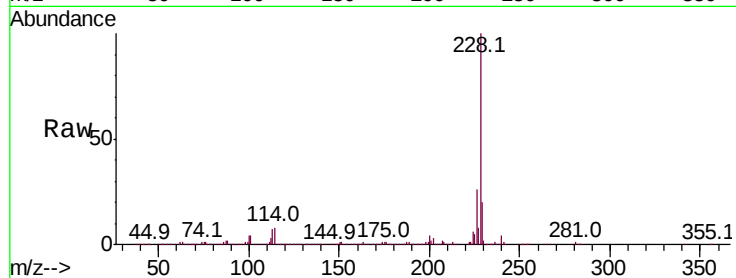
Tot Ion:228 Resp: 1871094

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.3	31.9
229	19.7	15.5	23.3

228 100

226 26.2 21.3 31.9

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 32.959 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

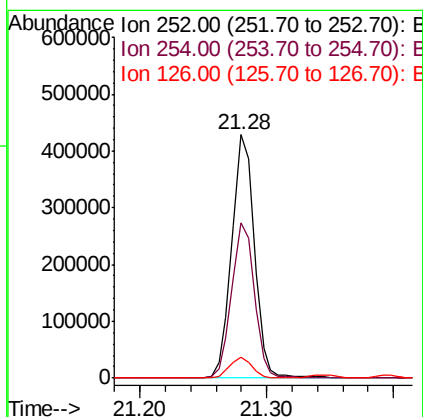
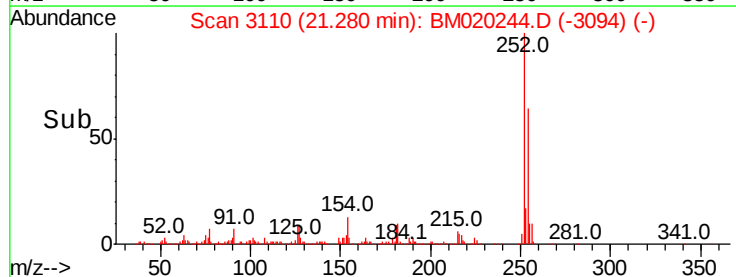
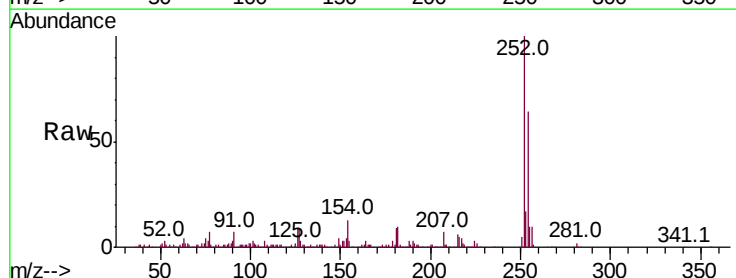
Tgt Ion:252 Resp: 528262

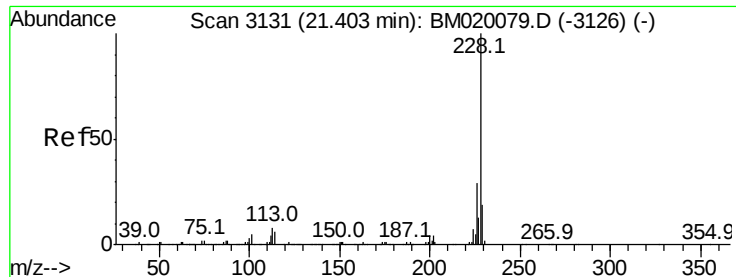
Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.1	76.7
126	8.7	7.1	10.7

252 100

254 64.0 51.1 76.7

126 8.7 7.1 10.7

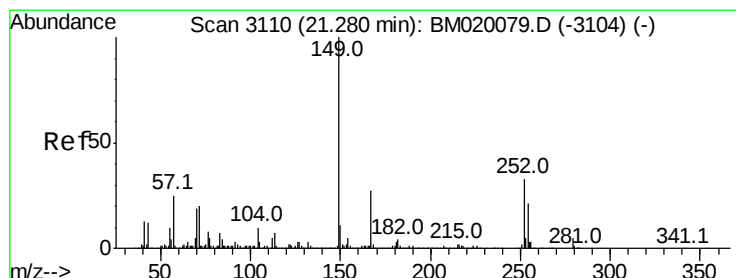
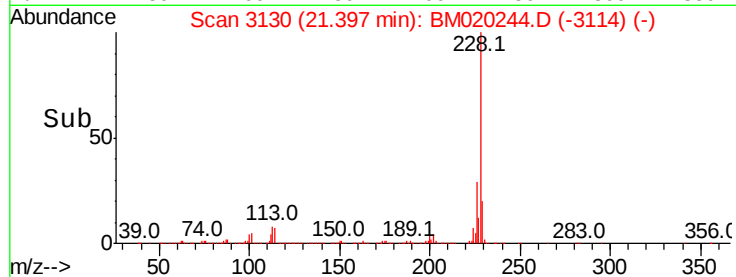
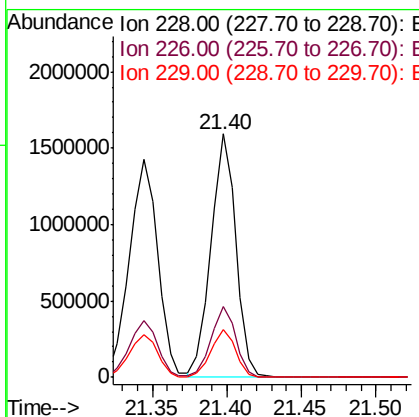
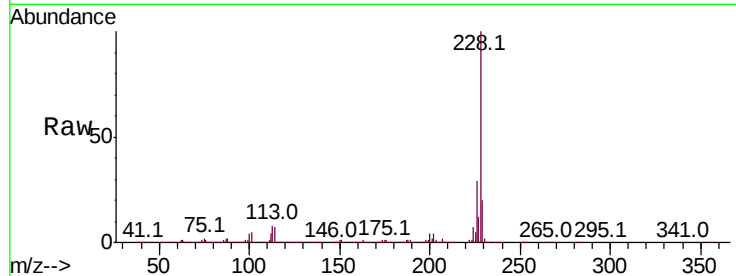




#83
Chrysene
Concen: 45.450 ng
RT: 21.40 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

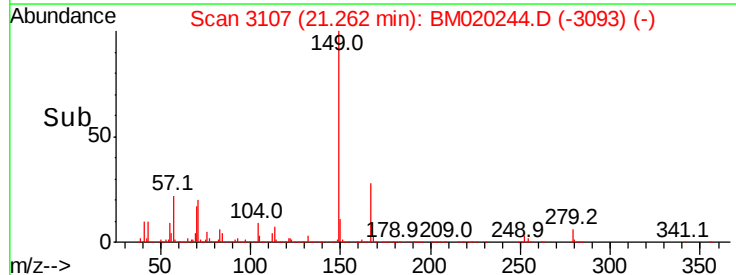
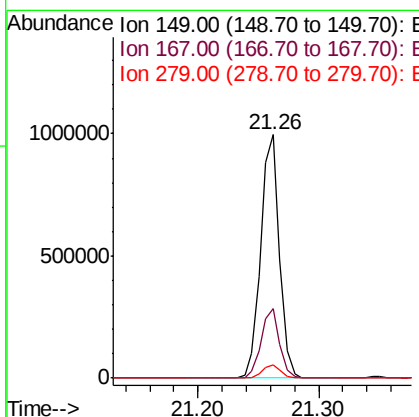
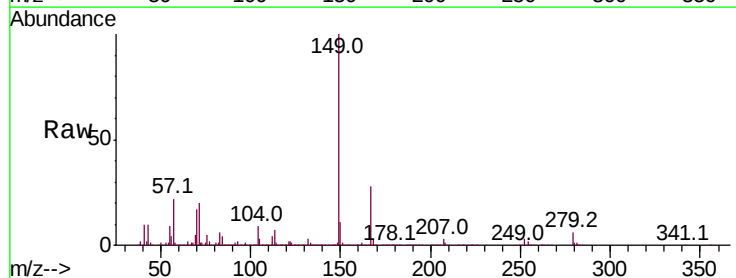
Instrument :
BNA_M
ClientSampleId :
HW-7MSD

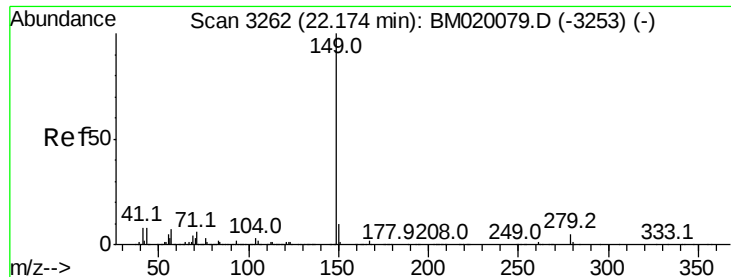
Tot Ion:228 Resp: 1851069
Ion Ratio Lower Upper
228 100
226 29.0 23.0 34.6
229 19.7 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.050 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion:149 Resp: 1067403
Ion Ratio Lower Upper
149 100
167 28.3 21.8 32.8
279 5.5 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 49.983 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

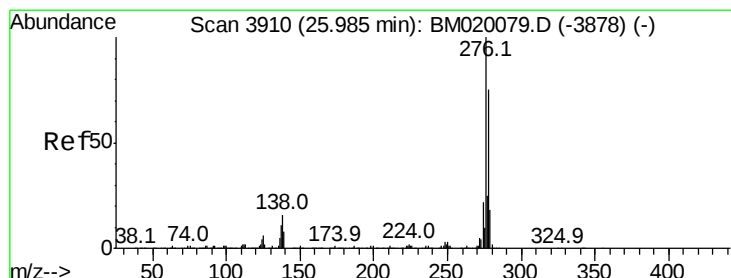
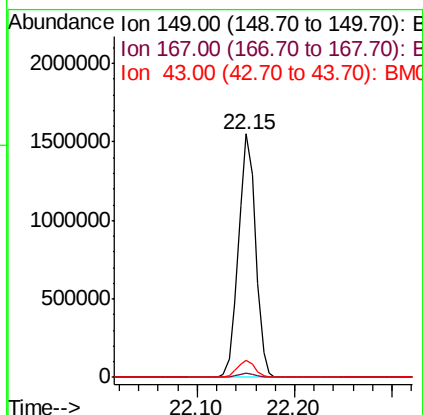
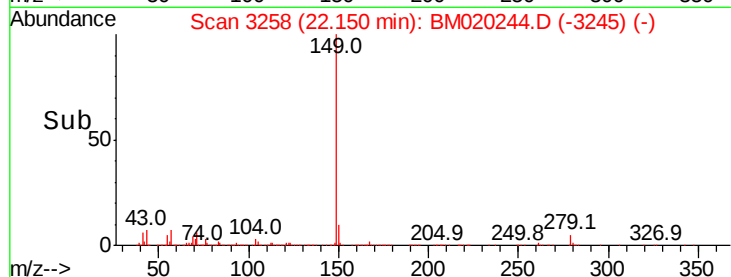
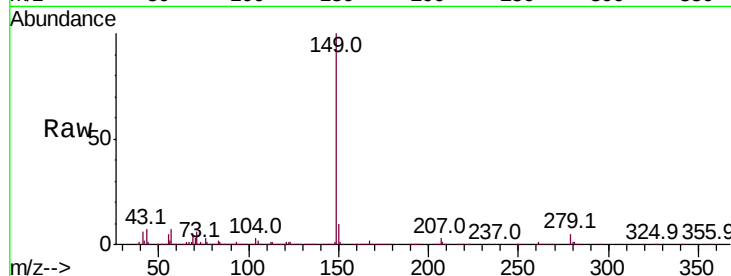
Tot Ion:149 Resp: 1884681

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 6.9 6.5 9.7



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.929 ng

RT: 25.99 min Scan# 3911

Delta R.T. 0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

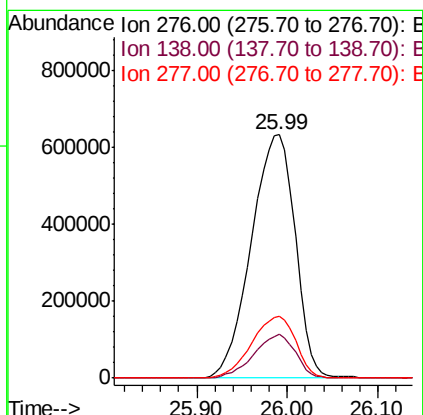
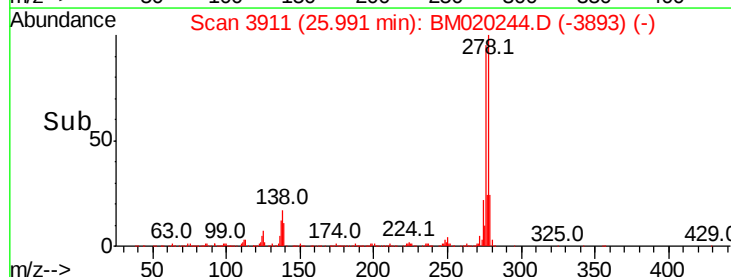
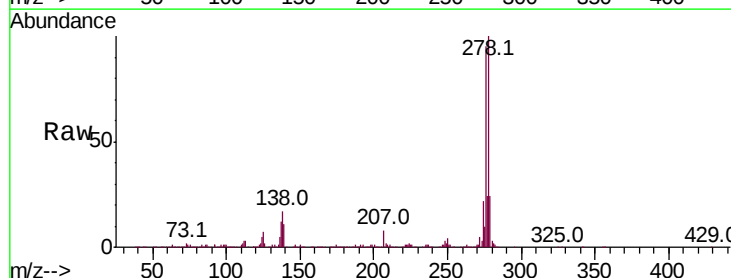
Tgt Ion:276 Resp: 2128112

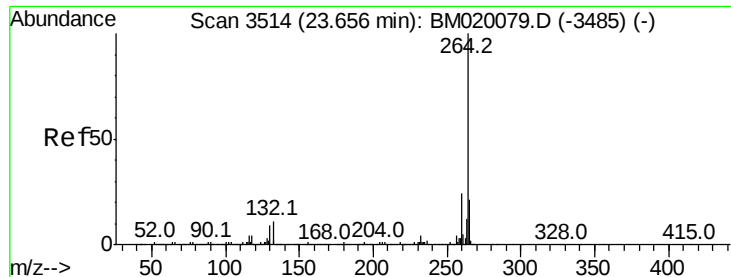
Ion Ratio Lower Upper

276 100

138 17.1 0.0 0.0#

277 25.5 0.0 0.0#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

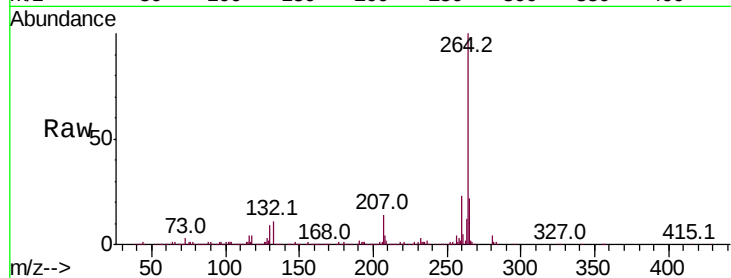
Tot Ion:264 Resp: 673888

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

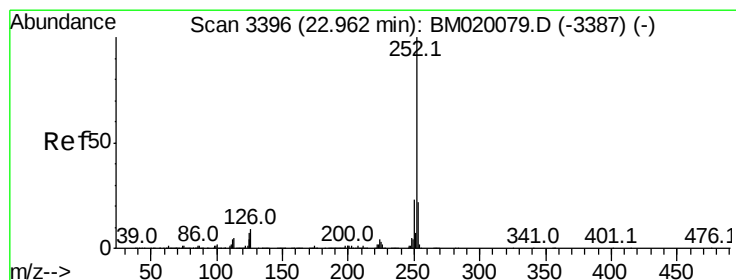
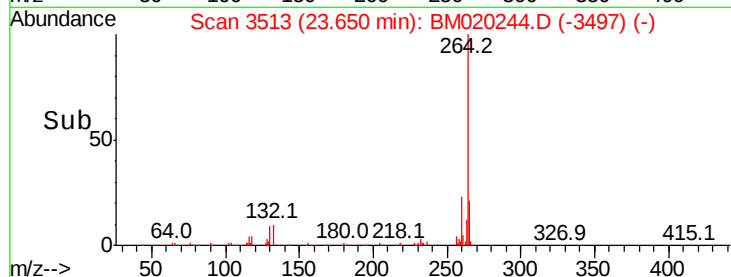
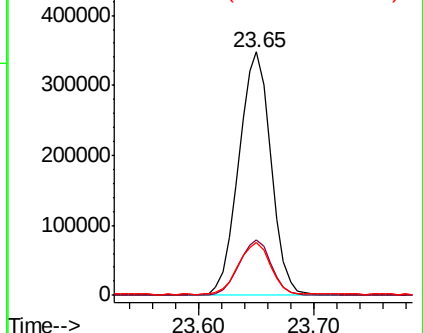
265 21.6 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.985 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

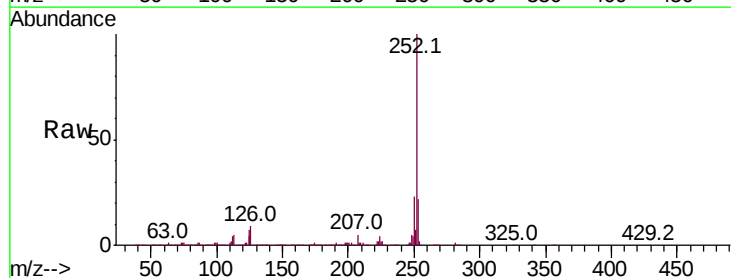
Tgt Ion:252 Resp: 2046331

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

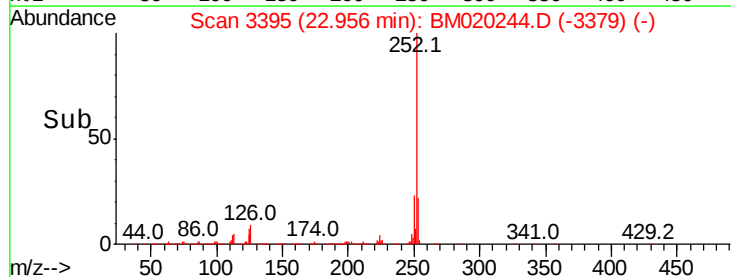
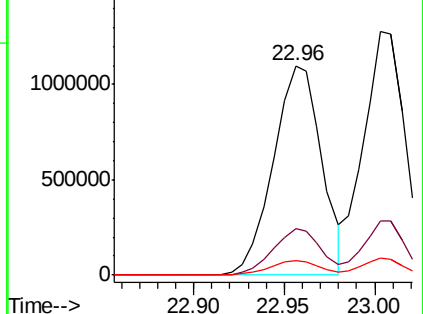
125 6.8 5.4 8.2

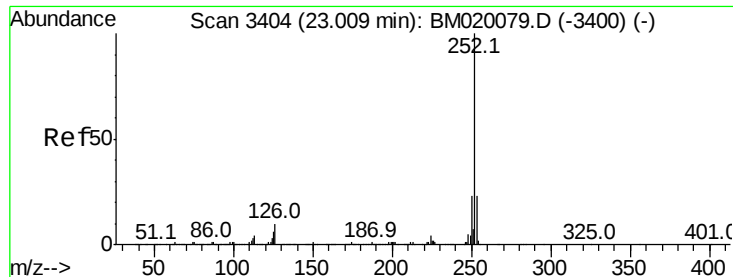


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.886 ng

RT: 23.00 min Scan# 3403

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

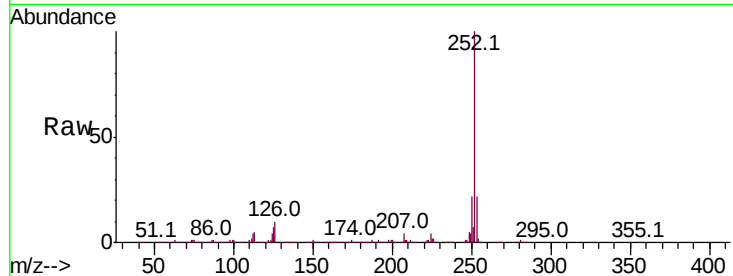
Tot Ion:252 Resp: 2025000

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

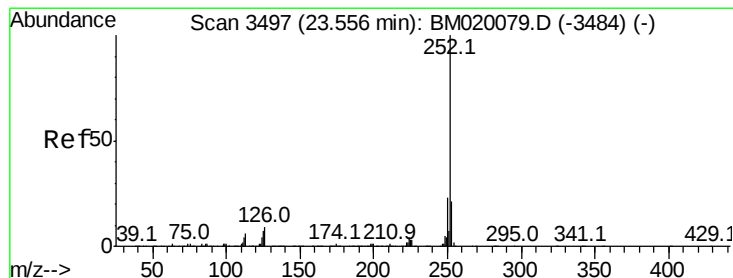
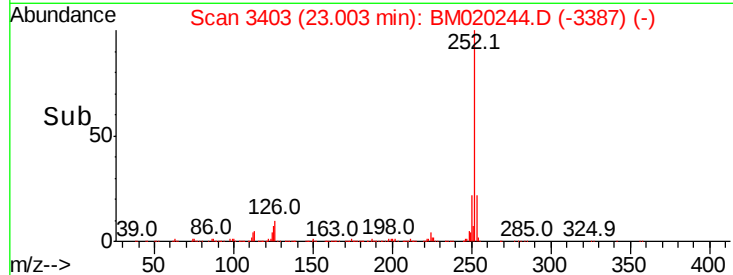
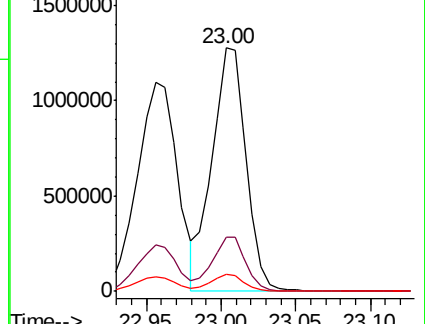
125 7.1 5.4 8.0



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: 48.182 ng

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

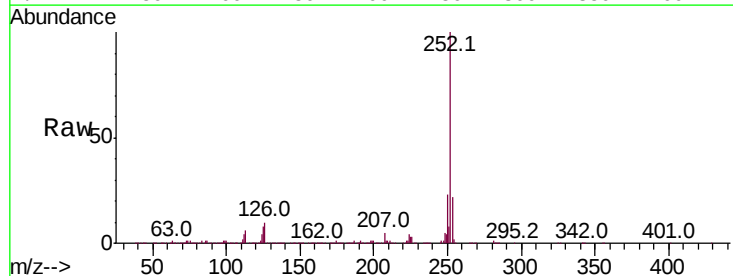
Tgt Ion:252 Resp: 1947525

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

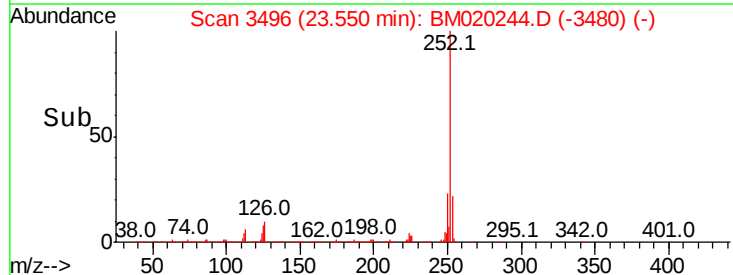
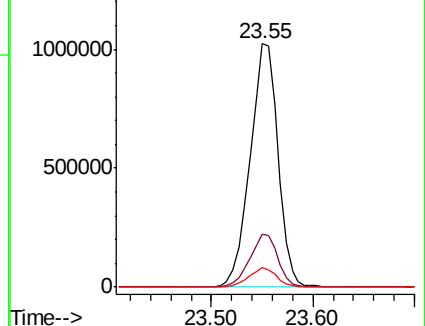
125 7.8 5.5 8.3

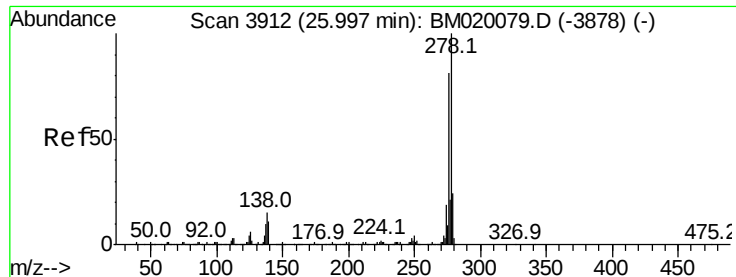


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

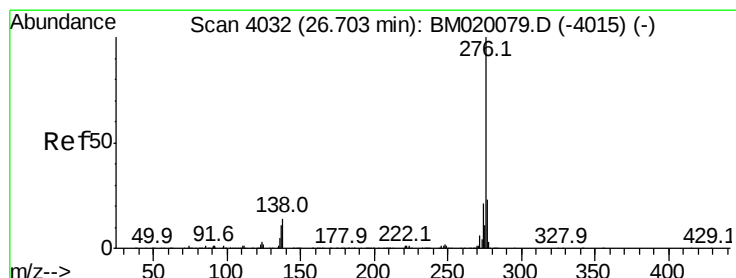
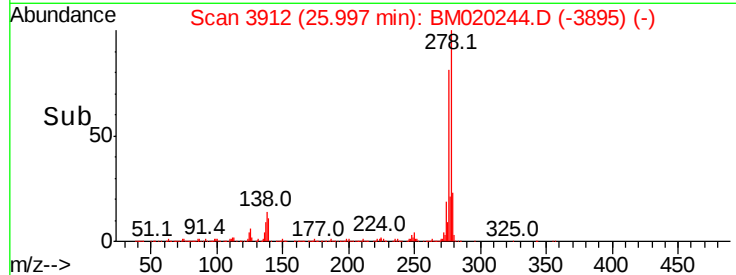
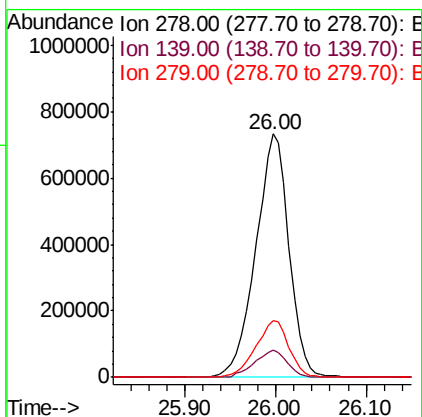
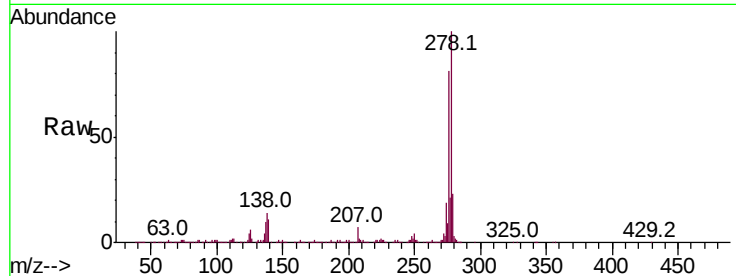




#91
Dibenzo(a,h)anthracene
Concen: 44.412 ng
RT: 26.00 min Scan# 3912
Delta R.T. -0.00 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tot Ion:278 Resp: 1866870
Ion Ratio Lower Upper
278 100
139 11.2 8.6 13.0
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 41.897 ng
RT: 26.70 min Scan# 4032
Delta R.T. -0.00 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion:276 Resp: 1672065
Ion Ratio Lower Upper
276 100
277 23.5 18.4 27.6
138 14.5 11.1 16.7

