

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051019\
 Data File : BM020243.D
 Acq On : 10 May 2019 15:51
 Operator : JU/SJ
 Sample : K2555-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Quant Time: May 11 01:48:34 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	67961	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	293546	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	200770	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	515421	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	589024	20.00	ng	0.00
87) Perylene-d12	23.65	264	642797	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	222532	53.52	ng	-0.01
7) Phenol-d6	6.94	99	211128	37.17	ng	-0.01
23) Nitrobenzene-d5	8.95	82	656490	88.29	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	391936	125.77	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1439928	88.24	ng	-0.02
79) Terphenyl-d14	19.80	244	3100944	91.83	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	30824	15.116	ng	97
3) Pyridine	3.70	79	57088	10.947	ng	96
4) n-Nitrosodimethylamine	3.62	42	27617	16.514	ng	# 74
6) Aniline	7.11	93	123605	17.287	ng	99
8) 2-Chlorophenol	7.34	128	144495	31.918	ng	96
9) Benzaldehyde	6.93	77	29419	6.843	ng	96
10) Phenol	6.97	94	79726	13.038	ng	91
11) bis(2-Chloroethyl)ether	7.20	93	218010	49.054	ng	96
12) 1,3-Dichlorobenzene	7.66	146	200433	38.053	ng	96
13) 1,4-Dichlorobenzene	7.81	146	204430	38.420	ng	96
14) 1,2-Dichlorobenzene	8.12	146	204520	40.344	ng	98
15) Benzyl Alcohol	8.02	79	162134	29.603	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	172275	46.748	ng	99
17) 2-Methylphenol	8.22	107	114855	29.179	ng	95
18) Hexachloroethane	8.84	117	77863	35.095	ng	99
19) n-Nitroso-di-n-propylamine	8.58	70	239871	49.361	ng	95
20) 3+4-Methylphenols	8.55	107	140656	26.887	ng	95
22) Acetophenone	8.60	105	376233	46.896	ng	# 96
24) Nitrobenzene	8.99	77	330214	42.834	ng	96
25) Isophorone	9.50	82	628431	49.012	ng	99
26) 2-Nitrophenol	9.69	139	96958	41.659	ng	95
27) 2,4-Dimethylphenol	9.75	122	157625	40.680	ng	96
28) bis(2-Chloroethoxy)methane	9.99	93	333257	47.722	ng	100
29) 2,4-Dichlorophenol	10.22	162	183692	37.596	ng	99
30) 1,2,4-Trichlorobenzene	10.43	180	248577	41.347	ng	98
31) Naphthalene	10.62	128	671997	44.114	ng	99
32) Benzoic acid	9.84	122	39204	18.872	ng	# 85
33) 4-Chloroaniline	10.74	127	143726	22.924	ng	96
34) Hexachlorobutadiene	10.88	225	148643	34.951	ng	99
35) Caprolactam	11.55	113	7394	5.061	ng	89
36) 4-Chloro-3-methylphenol	11.86	107	202295	35.232	ng	95
37) 2-Methylnaphthalene	12.23	142	551836	49.690	ng	97
38) 1-Methylnaphthalene	12.46	142	533721	49.147	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	339539	43.226	ng	99

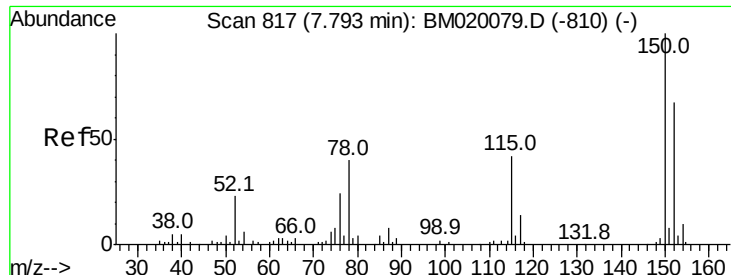
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051019\
 Data File : BM020243.D
 Acq On : 10 May 2019 15:51
 Operator : JU/SJ
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Instrument :
 BNA_M
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Quant Time: May 11 01:48:34 2019
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 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	319542	69.090	ng	98
43) 2,4,6-Trichlorophenol	12.84	196	181720	40.707	ng	100
44) 2,4,5-Trichlorophenol	12.92	196	192377	38.575	ng	# 98
46) 1,1'-Biphenyl	13.25	154	770946	46.652	ng	99
47) 2-Chloronaphthalene	13.29	162	610482	46.269	ng	99
48) 2-Nitroaniline	13.51	65	225527	48.012	ng	93
49) Acenaphthylene	14.14	152	971390	46.003	ng	100
50) Dimethylphthalate	13.89	163	839821	49.216	ng	99
51) 2,6-Dinitrotoluene	14.01	165	182540	50.790	ng	91
52) Acenaphthene	14.49	154	586833	48.463	ng	99
53) 3-Nitroaniline	14.34	138	111771	33.508	ng	96
54) 2,4-Dinitrophenol	14.55	184	170950	93.376	ng	92
55) Dibenzofuran	14.82	168	991812	48.559	ng	96
56) 4-Nitrophenol	14.65	139	82271	28.907	ng	88
57) 2,4-Dinitrotoluene	14.80	165	263466	53.949	ng	92
58) Fluorene	15.47	166	825650	49.220	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	191743	40.459	ng	97
60) Diethylphthalate	15.24	149	837007	48.687	ng	100
61) 4-Chlorophenyl-phenylether	15.46	204	461189	48.523	ng	96
62) 4-Nitroaniline	15.51	138	169457	46.033	ng	93
63) Azobenzene	15.76	77	924098	45.564	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	112124	43.844	ng	99
66) n-Nitrosodiphenylamine	15.69	169	730384	48.158	ng	98
67) 4-Bromophenyl-phenylether	16.36	248	294800	46.643	ng	96
68) Hexachlorobenzene	16.46	284	339524	46.682	ng	97
69) Atrazine	16.64	200	248110	41.861	ng	99
70) Pentachlorophenol	16.82	266	339636	81.616	ng	98
71) Phenanthrene	17.22	178	1372233	48.230	ng	100
72) Anthracene	17.30	178	1397509	49.127	ng	100
73) Carbazole	17.58	167	1272754	49.586	ng	98
74) Di-n-butylphthalate	18.13	149	1506542	48.771	ng	98
75) Fluoranthene	19.23	202	1799578	49.990	ng	100
77) Benzidine	19.42	184	274626	14.583	ng	99
78) Pyrene	19.60	202	1855676	46.924	ng	99
80) Butylbenzylphthalate	20.49	149	755606	52.541	ng	99
81) Benzo(a)anthracene	21.34	228	1916883	46.404	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	524380	33.260	ng	99
83) Chrysene	21.40	228	1922320	47.984	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1106248	49.573	ng	98
85) Di-n-octyl phthalate	22.15	149	1960464	52.857	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	2187289	45.901	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	2107208	49.643	ng	100
89) Benzo(k)fluoranthene	23.00	252	2073412	53.550	ng	99
90) Benzo(a)pyrene	23.55	252	1987846	51.558	ng	98
91) Dibenzo(a,h)anthracene	26.00	278	1912934	47.709	ng	100
92) Benzo(g,h,i)perylene	26.71	276	1714539	45.040	ng	99

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

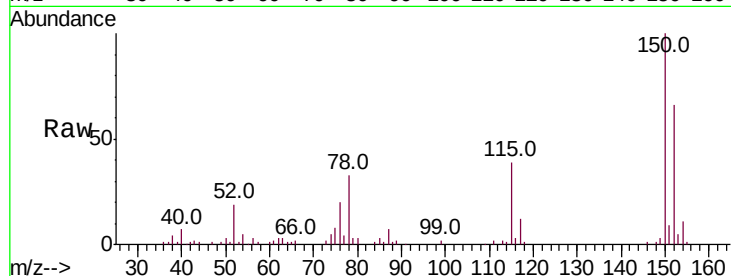


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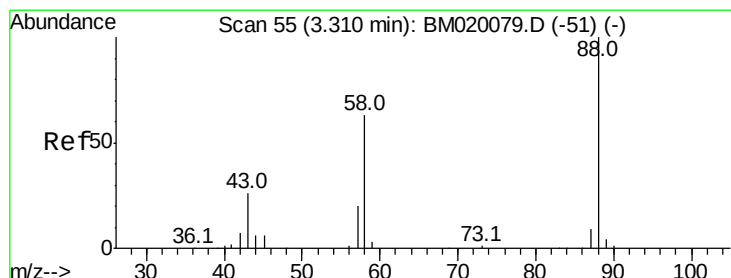
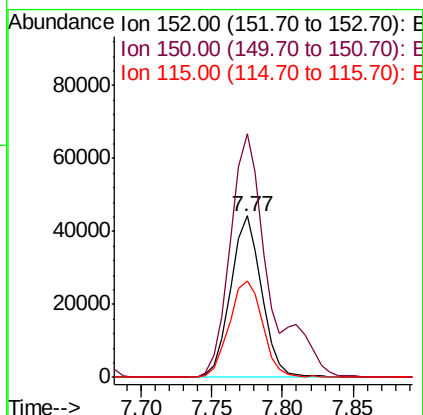
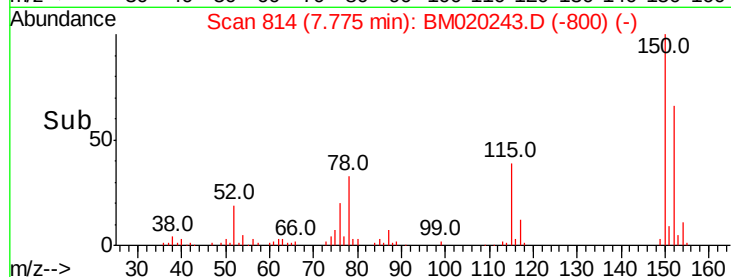
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampled :
HW-7MS

Tot Ion:152 Resp: 67961
Ion Ratio Lower Upper
152 100
150 150.6 119.8 179.8
115 59.5 50.8 76.2



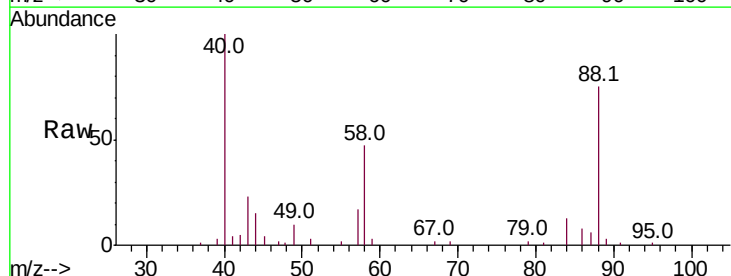
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



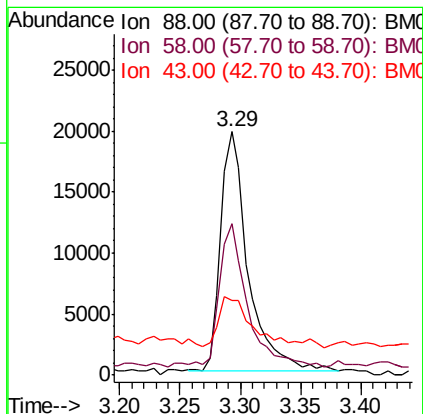
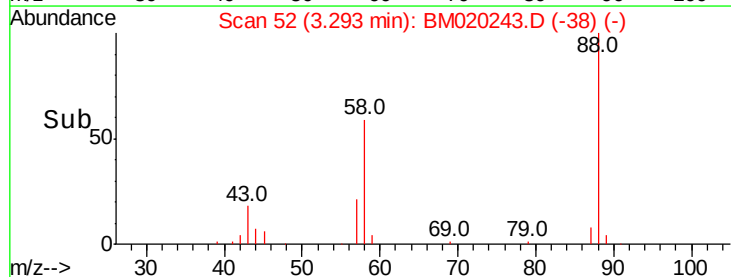
#2

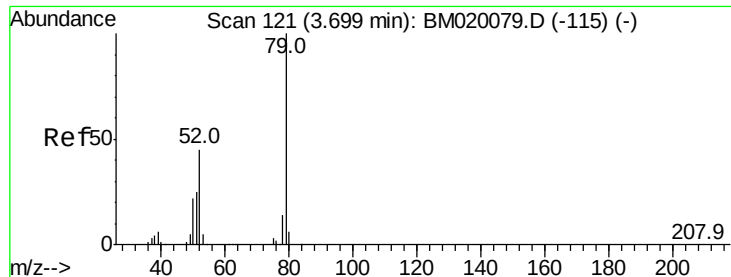
1,4-Dioxane
Concen: 15.116 ng
RT: 3.29 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion: 88 Resp: 30824
Ion Ratio Lower Upper
88 100
58 61.5 51.8 77.6
43 24.9 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: 10.947 ng

RT: 3.70 min Scan# 121

Delta R.T. -0.00 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

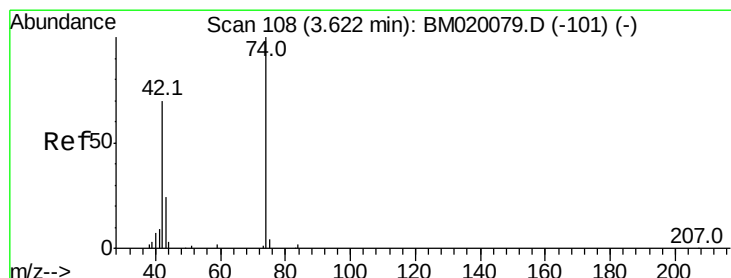
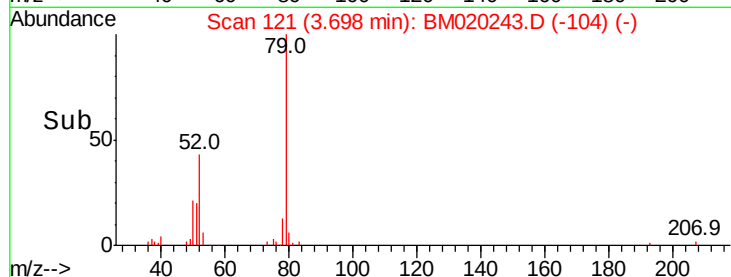
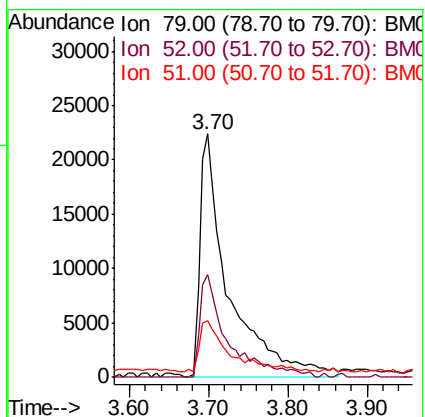
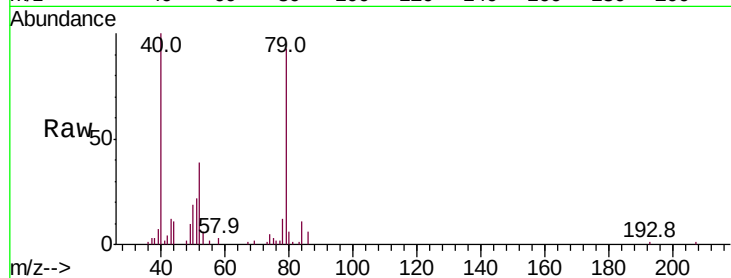
Tot Ion: 79 Resp: 57088

Ion Ratio Lower Upper

79 100

52 42.2 35.7 53.5

51 23.2 20.8 31.2



#4

n-Nitrosodimethylamine

Concen: 16.514 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

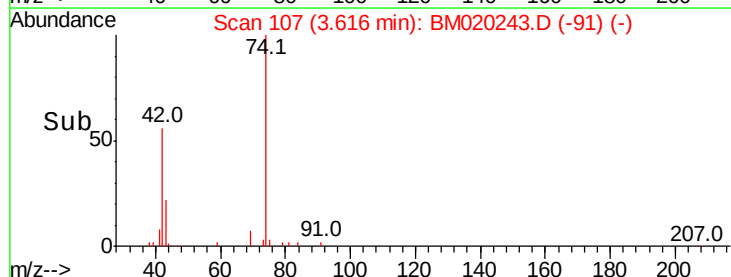
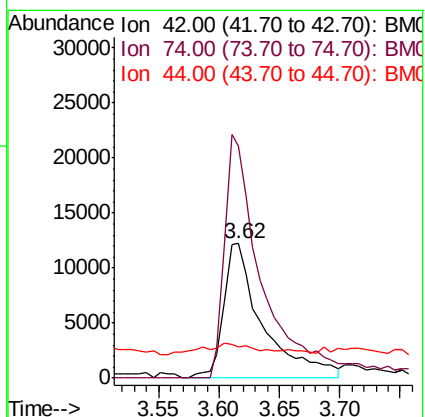
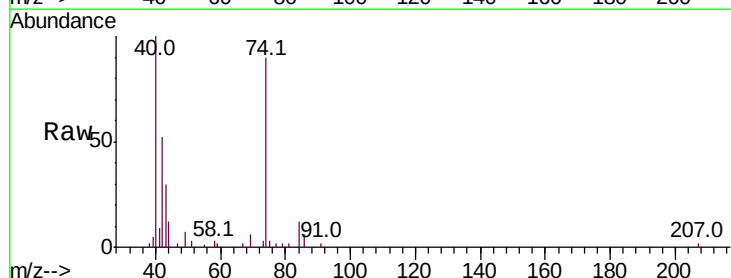
Tgt Ion: 42 Resp: 27617

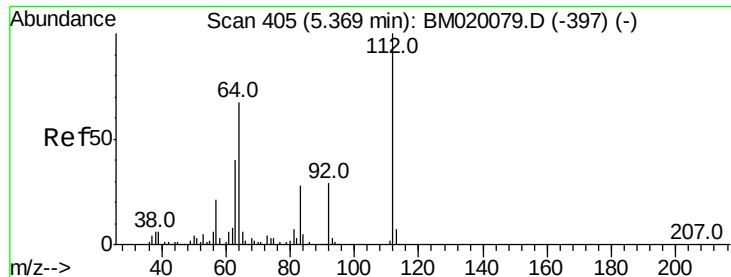
Ion Ratio Lower Upper

42 100

74 172.9 113.7 170.5#

44 22.9 3.9 5.9#





#5

2-Fluorophenol

Concen: 53.523 ng

RT: 5.36 min Scan# 403

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

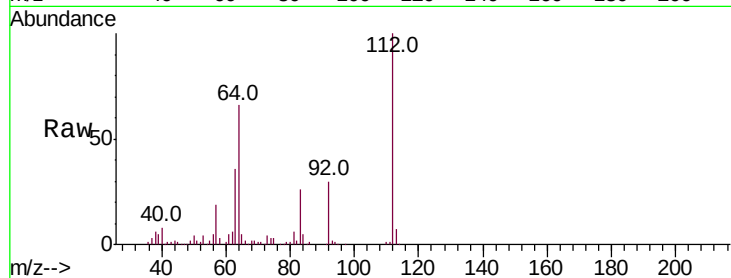
Tot Ion:112 Resp: 222532

Ion Ratio Lower Upper

112 100

64 65.5 53.8 80.6

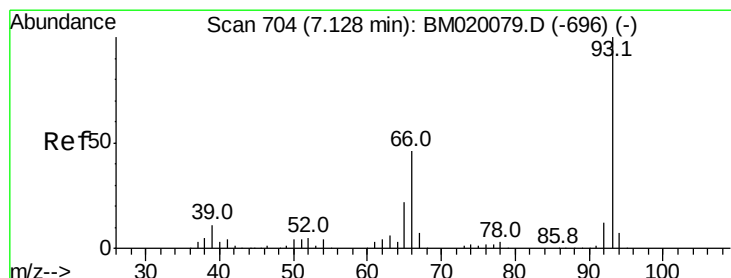
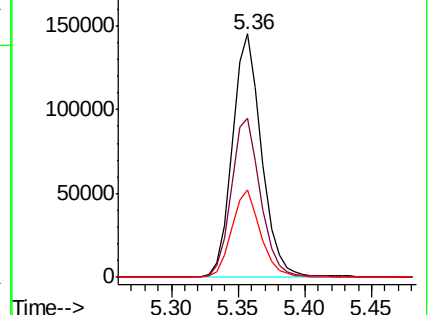
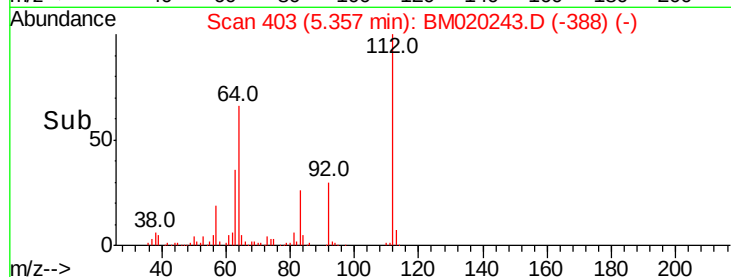
63 35.9 32.3 48.5



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: 17.287 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.02 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

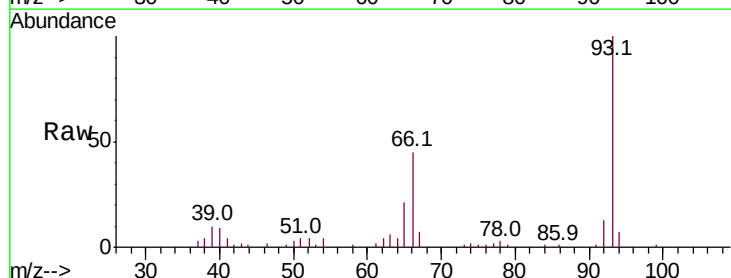
Tgt Ion: 93 Resp: 123605

Ion Ratio Lower Upper

93 100

66 45.0 36.6 54.8

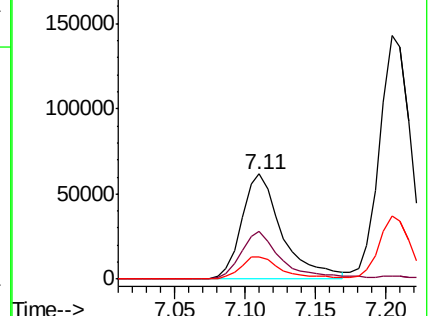
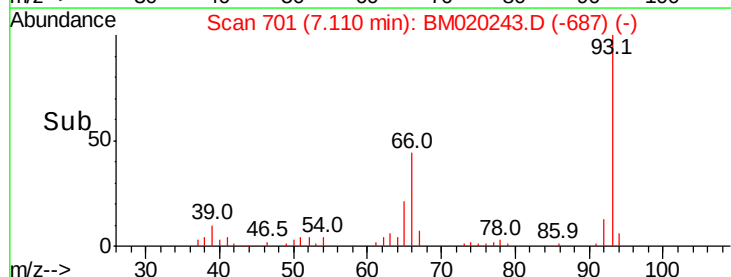
65 21.4 17.8 26.6

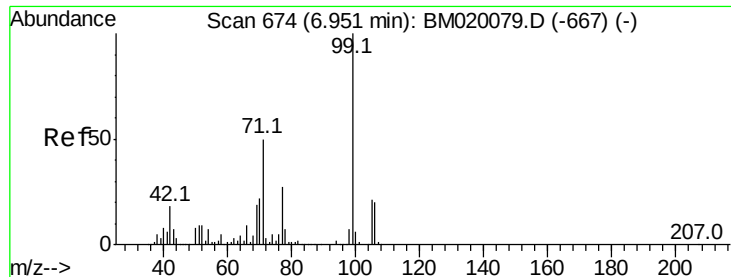


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 37.171 ng

RT: 6.94 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

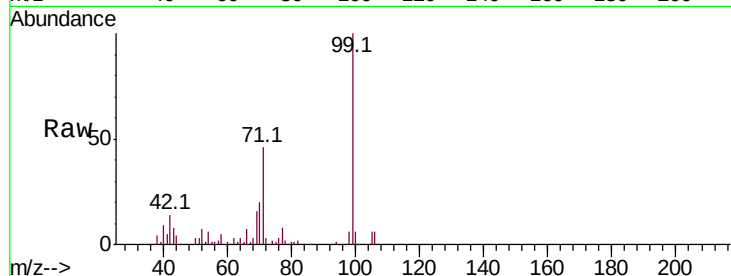
Tot Ion: 99 Resp: 211128

Ion Ratio Lower Upper

99 100

42 14.4 14.2 21.2

71 46.0 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020243.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020243.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020243.D (-657) (-)

6.94

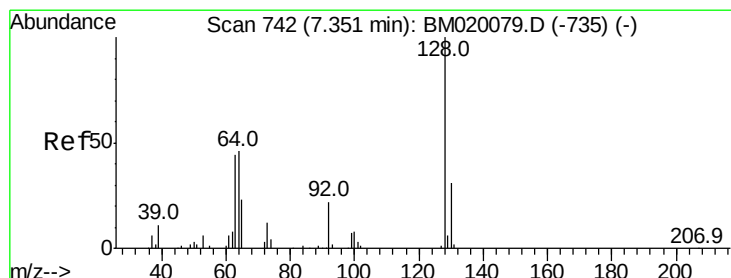
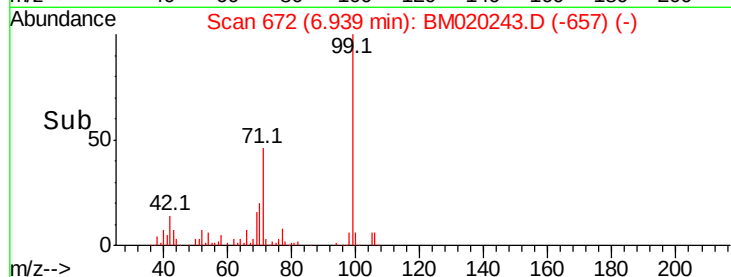
150000

100000

50000

0

Time--> 6.85 6.90 6.95 7.00 7.05



#8

2-Chlorophenol

Concen: 31.918 ng

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

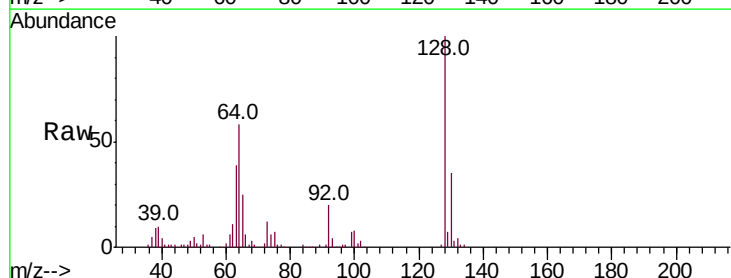
Tgt Ion: 128 Resp: 144495

Ion Ratio Lower Upper

128 100

130 34.7 10.8 50.8

64 58.0 36.5 76.5



Abundance Ion 128.00 (127.70 to 128.70): BM020243.D (-725) (-)

Ion 130.00 (129.70 to 130.70): BM020243.D (-725) (-)

Ion 64.00 (63.70 to 64.70): BM020243.D (-725) (-)

7.34

120000

100000

80000

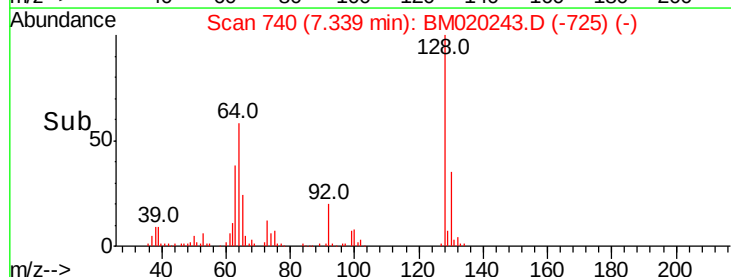
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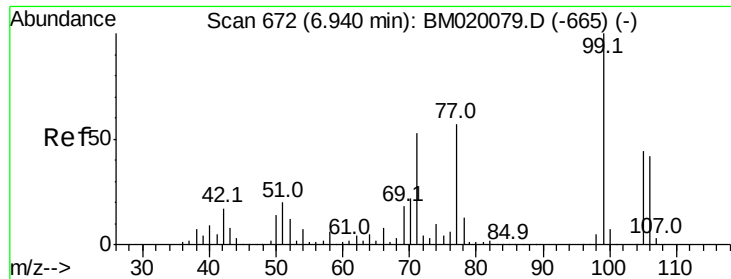
40000

20000

0

Time--> 7.25 7.30 7.35 7.40

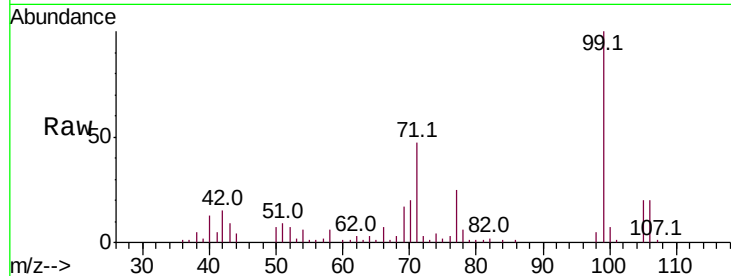




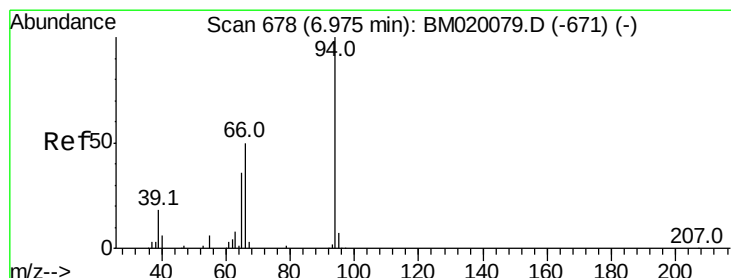
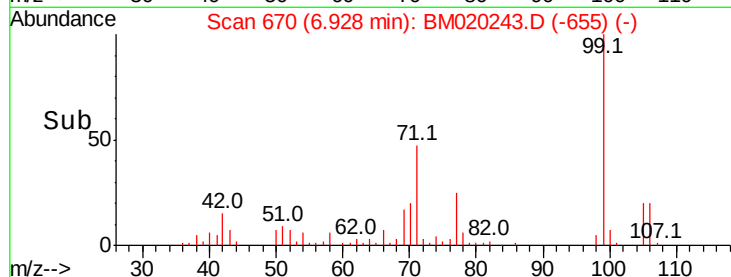
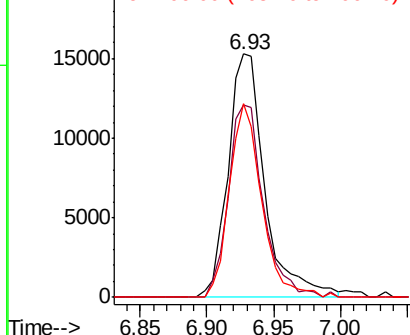
#9
Benzaldehyde
Concen: 6.843 ng
RT: 6.93 min Scan# 670
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleID :
HW-7MS

Tot Ion: 77 Resp: 29419
Ion Ratio Lower Upper
77 100
105 79.0 57.8 97.8
106 79.4 53.6 93.6

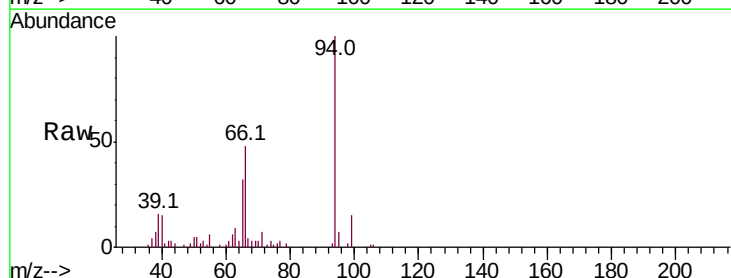


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

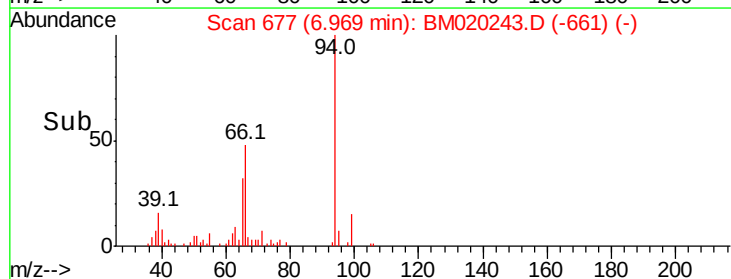
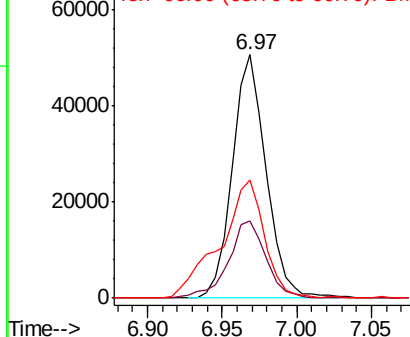


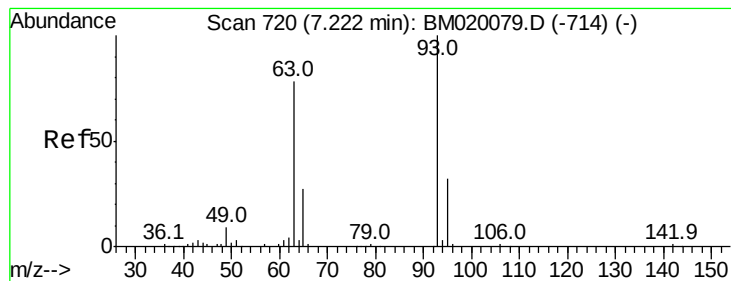
#10
Phenol
Concen: 13.038 ng
RT: 6.97 min Scan# 677
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion: 94 Resp: 79726
Ion Ratio Lower Upper
94 100
65 31.6 17.0 57.0
66 48.4 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

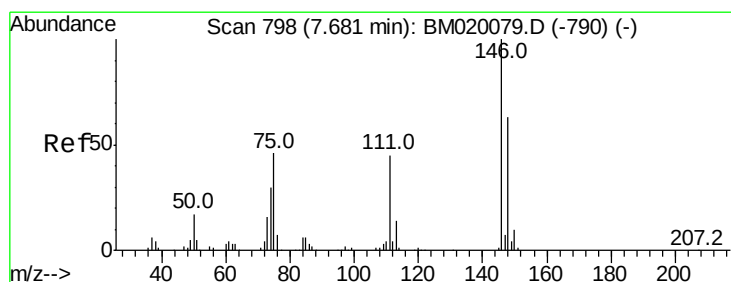
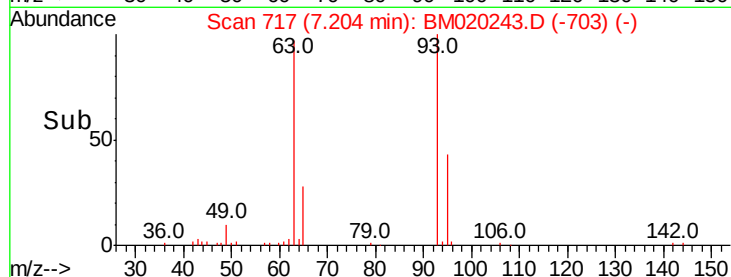
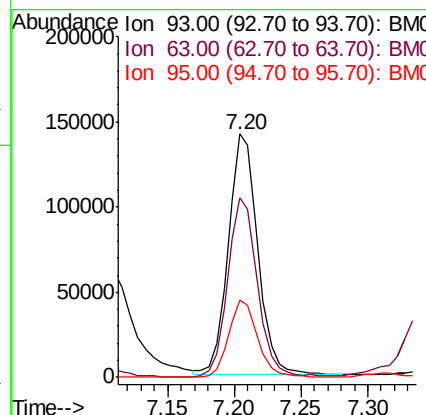
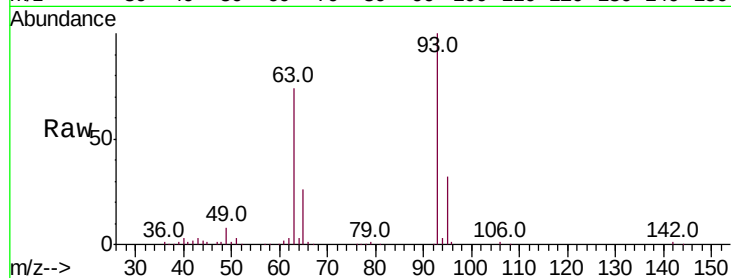




#11
bis(2-Chloroethyl)ether
Concen: 49.054 ng
RT: 7.20 min Scan# 717
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

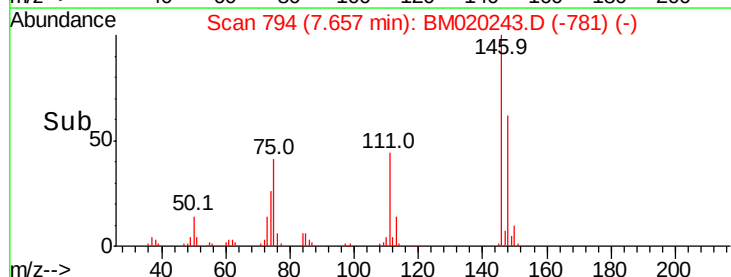
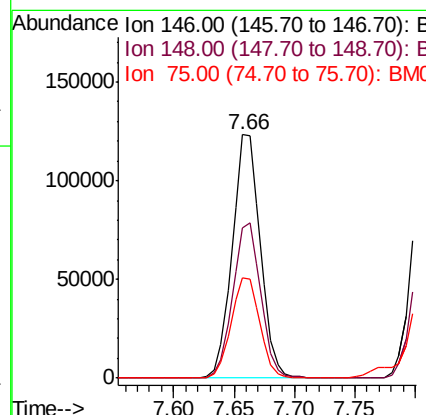
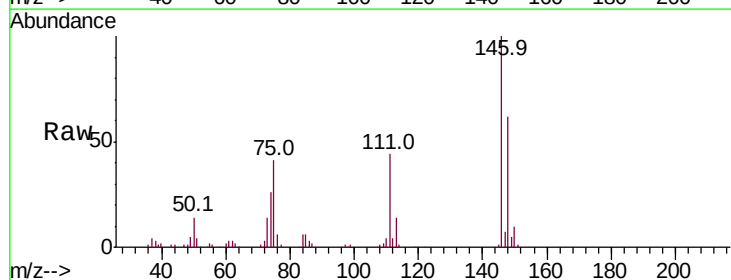
Instrument :
BNA_M
ClientSampleId :
HW-7MS

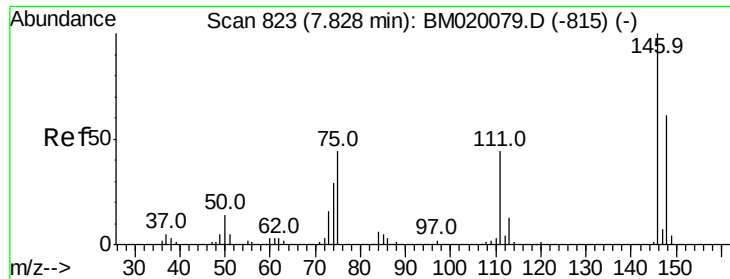
Tot Ion: 93 Resp: 218010
Ion Ratio Lower Upper
93 100
63 73.5 57.9 97.9
95 31.9 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 38.053 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion: 146 Resp: 200433
Ion Ratio Lower Upper
146 100
148 61.9 50.1 75.1
75 41.0 37.2 55.8

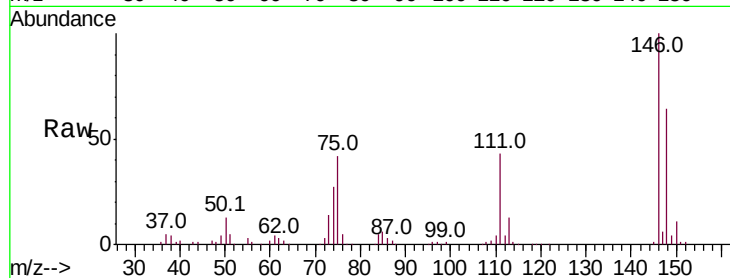




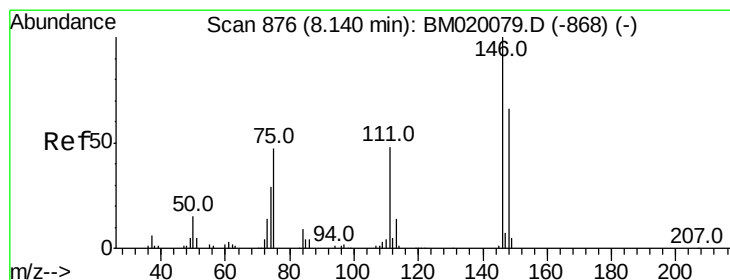
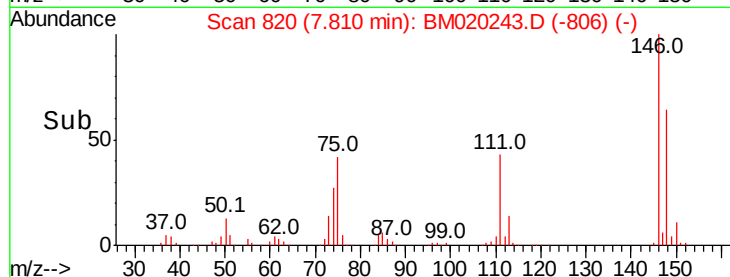
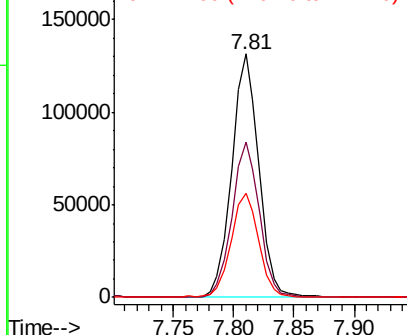
#13
 1,4-Dichlorobenzene
 Concen: 38.420 ng
 RT: 7.81 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Tot Ion:146 Resp: 204430
 Ion Ratio Lower Upper
 146 100
 148 63.9 48.5 72.7
 111 43.0 35.7 53.5

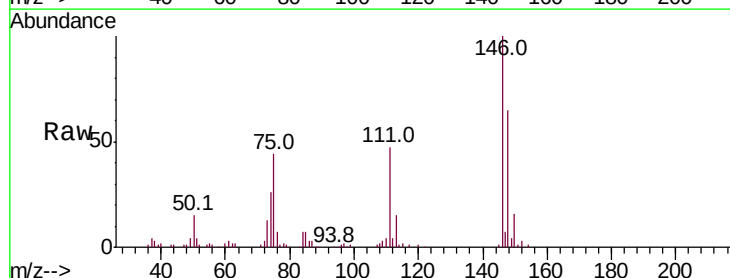


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

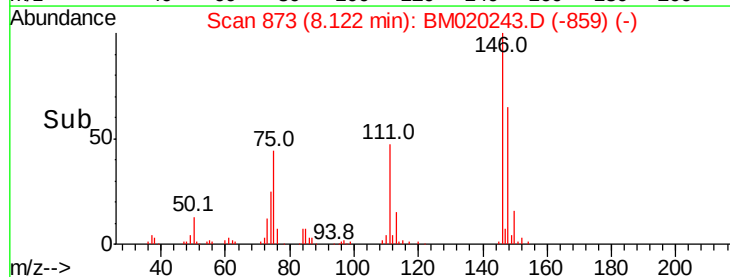
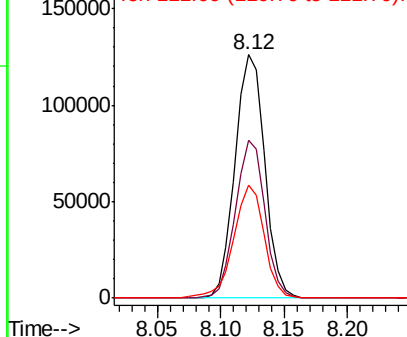


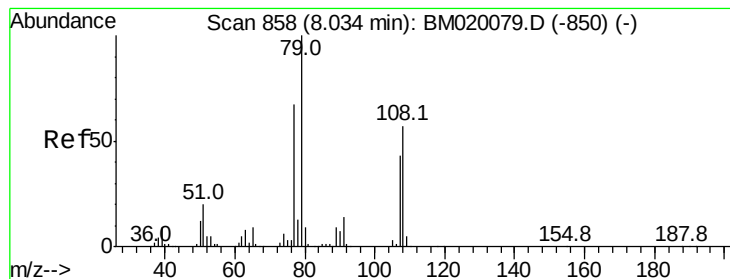
#14
 1,2-Dichlorobenzene
 Concen: 40.344 ng
 RT: 8.12 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion:146 Resp: 204520
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.6 79.0
 111 46.5 39.0 58.4



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





#15

Benzyl Alcohol

Concen: 29.603 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

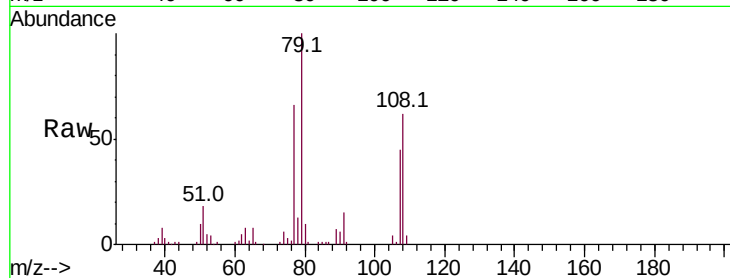
Tot Ion: 79 Resp: 162134

Ion Ratio Lower Upper

79 100

108 62.3 46.0 69.0

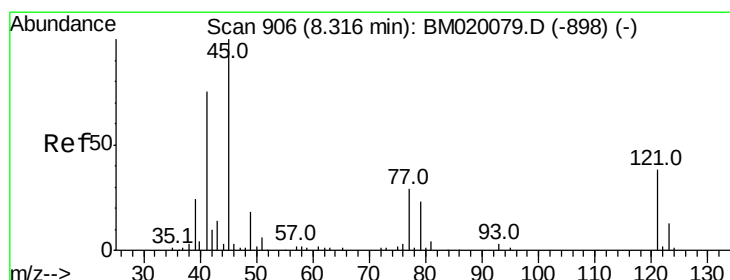
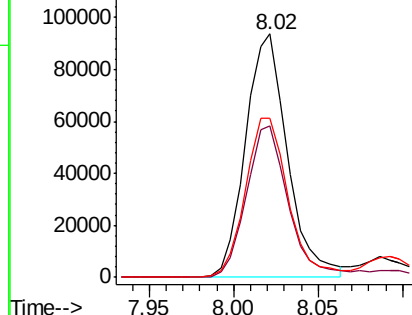
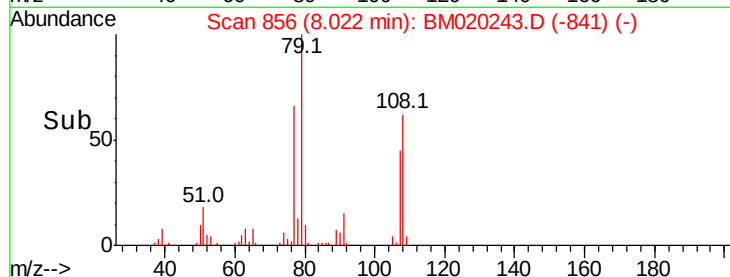
77 65.6 53.8 80.6



Abundance Ion 79.00 (78.70 to 79.70): BM020243.D (-841) (-)

Ion 108.00 (107.70 to 108.70): BM020243.D (-841) (-)

Ion 77.00 (76.70 to 77.70): BM020243.D (-841) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.748 ng

RT: 8.30 min Scan# 904

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

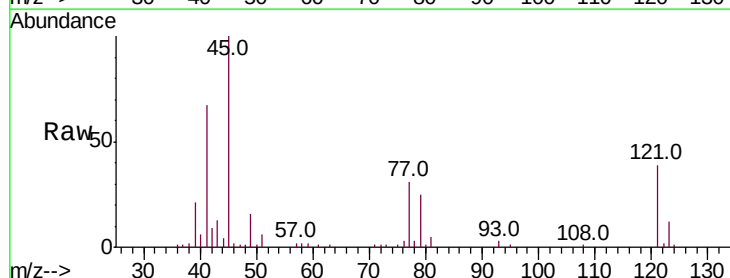
Tgt Ion: 45 Resp: 172275

Ion Ratio Lower Upper

45 100

77 30.6 10.5 50.5

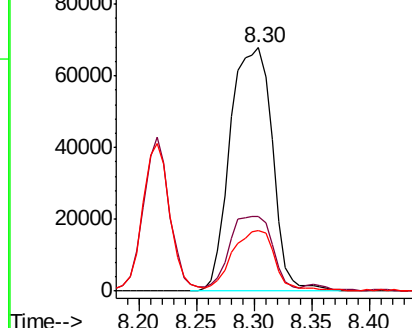
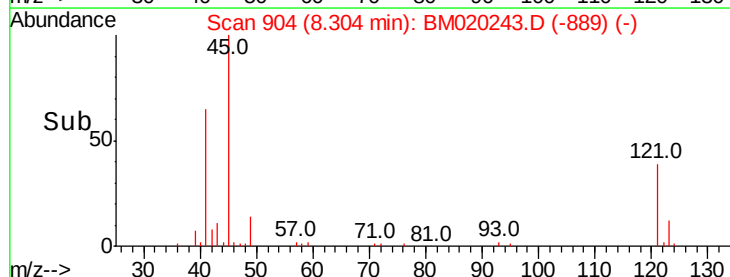
79 24.8 3.3 43.3

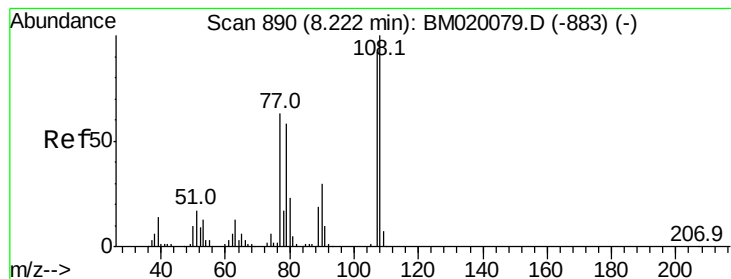


Abundance Ion 45.00 (44.70 to 45.70): BM020243.D (-889) (-)

Ion 77.00 (76.70 to 77.70): BM020243.D (-889) (-)

Ion 79.00 (78.70 to 79.70): BM020243.D (-889) (-)

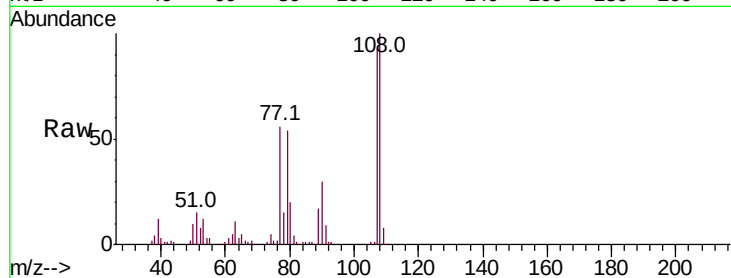




#17
2-Methylphenol
Concen: 29.179 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

Tot Ion:	107	Resp:	114855
Ion	Ratio	Lower	Upper
107	100		
108	107.5	87.0	130.4
77	60.7	54.7	82.1
79	58.4	50.1	75.1



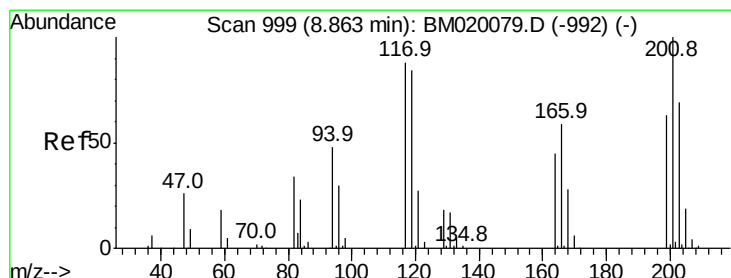
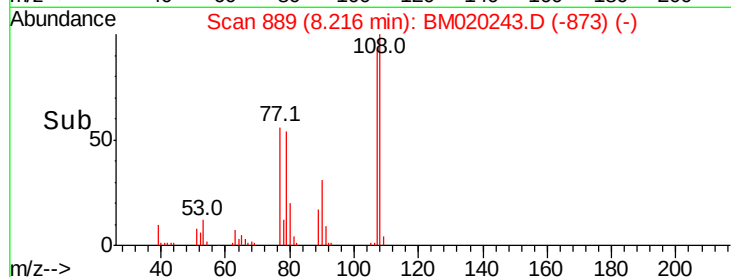
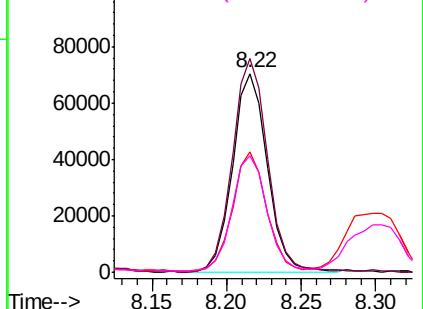
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

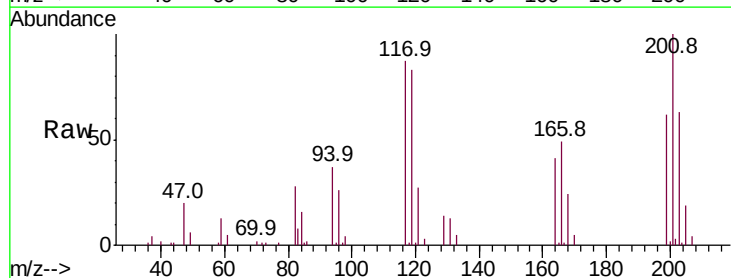
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 35.095 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion:	117	Resp:	77863
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.6	114.8
201	115.5	90.7	136.1

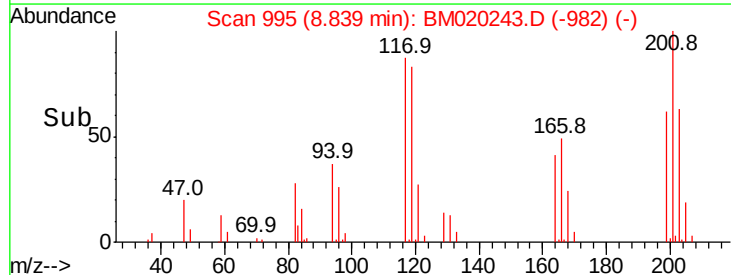
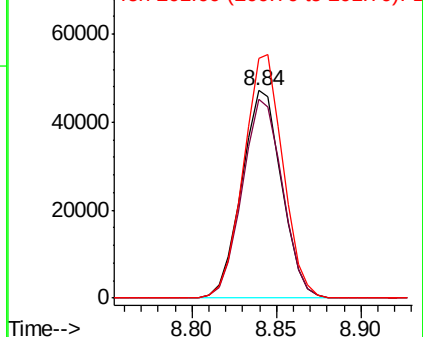


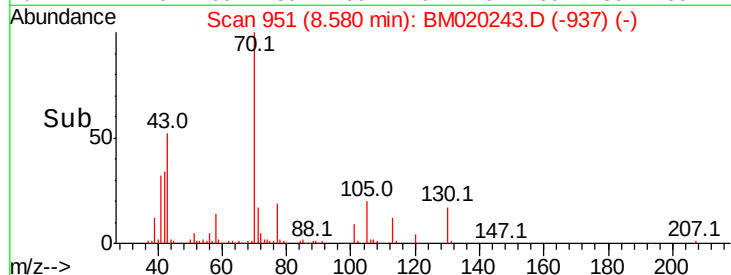
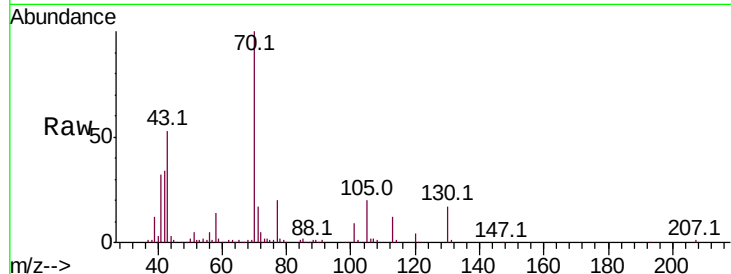
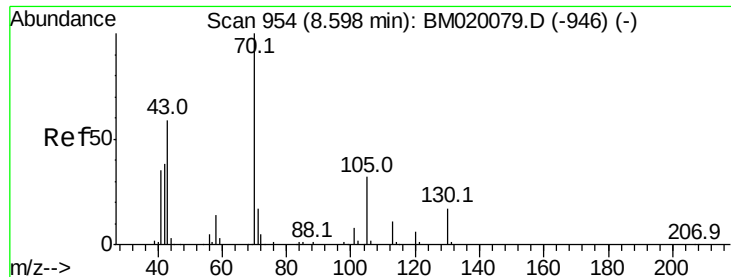
Abundance

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: 49.361 ng

RT: 8.58 min Scan# 951

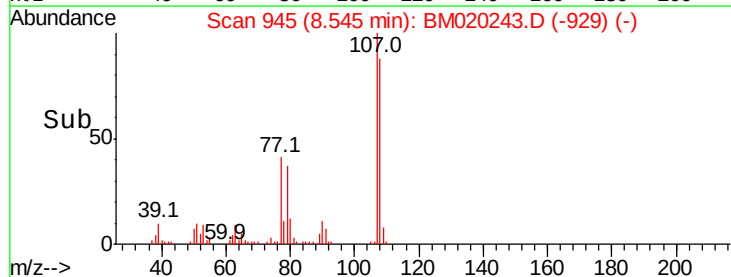
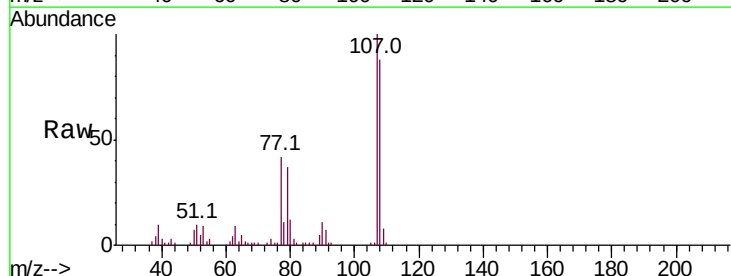
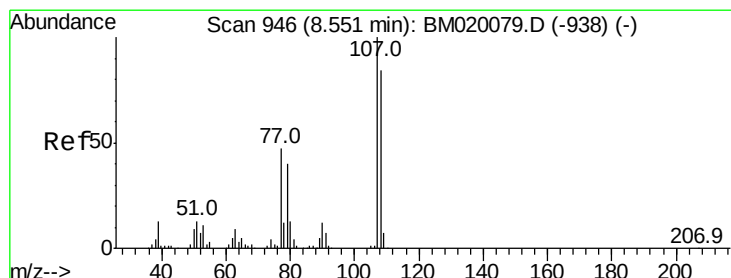
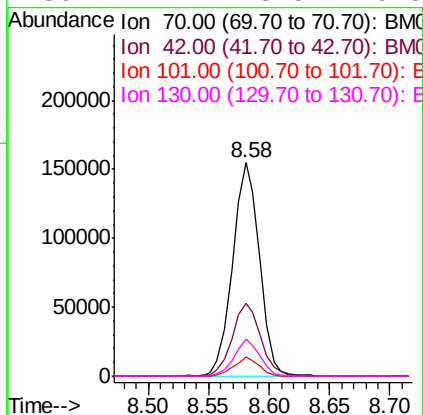
Delta R.T. -0.02 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

Tot Ion:	70	Resp:	239871
Ion	Ratio	Lower	Upper
70	100		
42	34.1	31.0	46.4
101	8.7	6.2	9.2
130	17.1	13.5	20.3



#20

3+4-Methylphenols

Concen: 26.887 ng

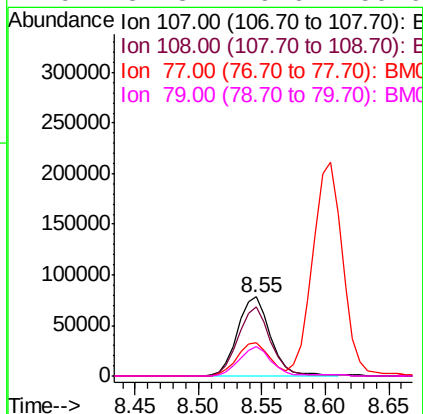
RT: 8.55 min Scan# 945

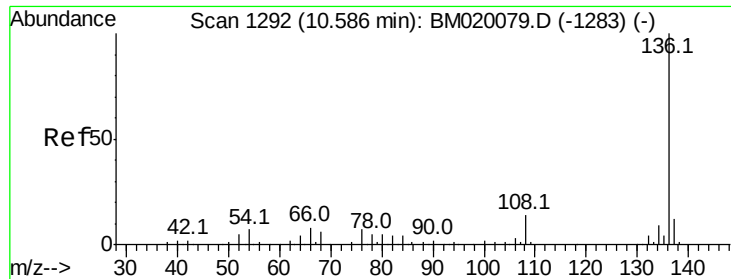
Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Tgt Ion:	107	Resp:	140656
Ion	Ratio	Lower	Upper
107	100		
108	87.7	64.4	104.4
77	41.7	27.2	67.2
79	37.3	19.6	59.6

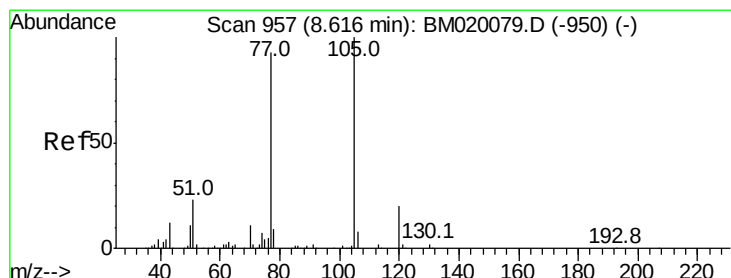
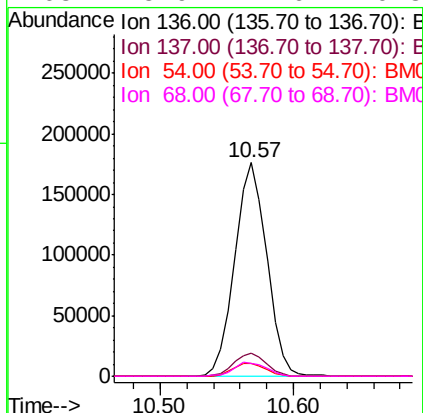
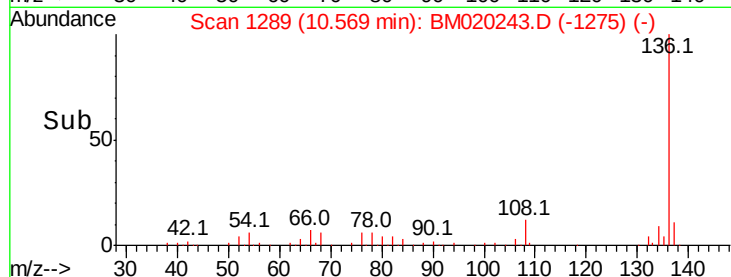
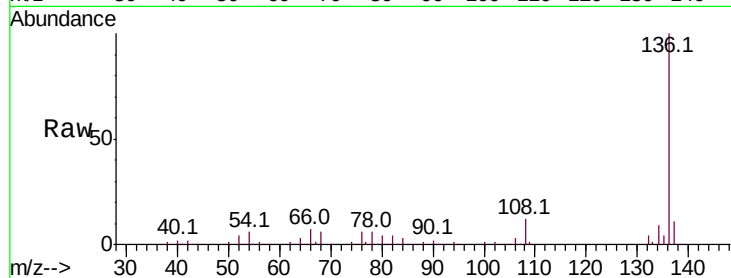




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

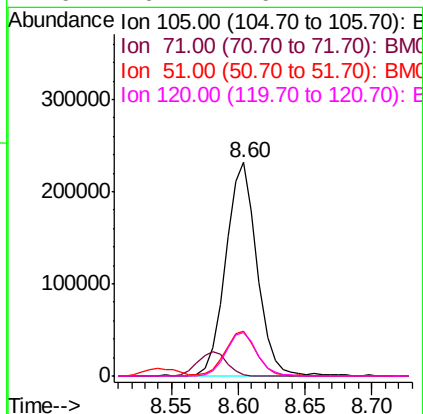
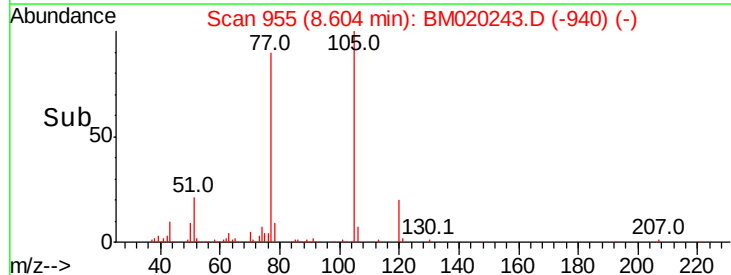
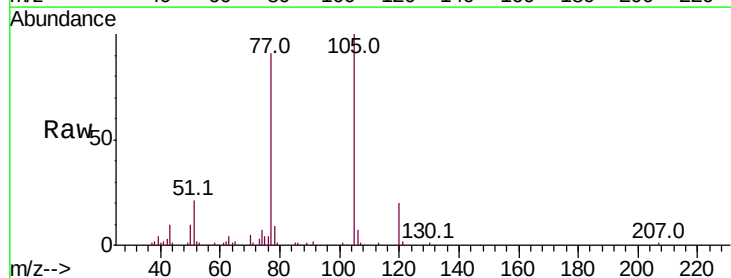
Instrument :
BNA_M
ClientSampled :
HW-7MS

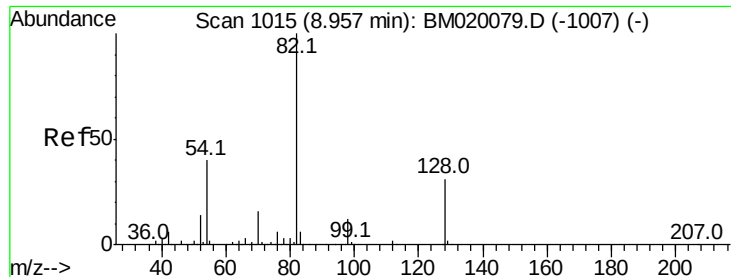
Tot Ion:	136	Resp:	293546
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	6.2	5.5	8.3
68	5.9	4.6	6.8



#22
Acetophenone
Concen: 46.896 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion:	105	Resp:	376233
Ion	Ratio	Lower	Upper
105	100		
71	0.8	2.2	3.2#
51	20.8	19.3	28.9
120	20.2	16.2	24.4

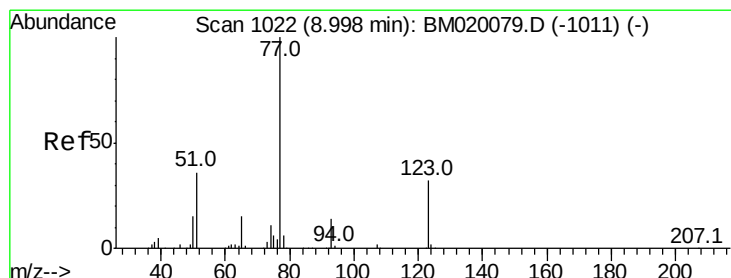
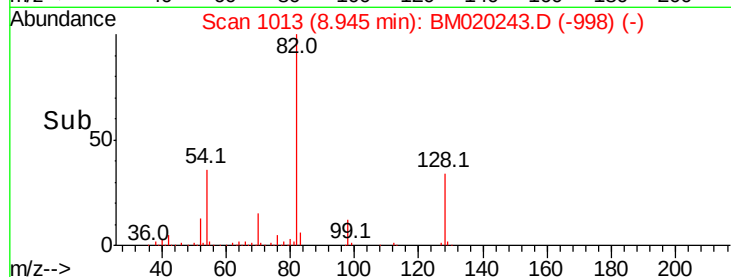
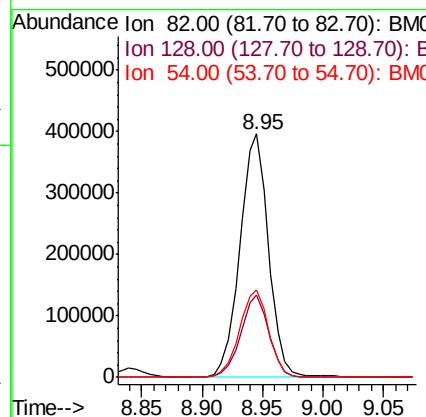
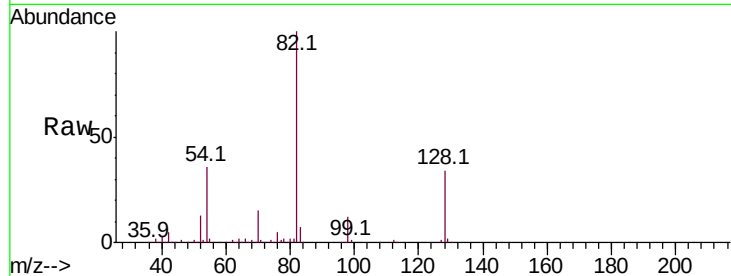




#23
Nitrobenzene-d5
Concen: 88.294 ng
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

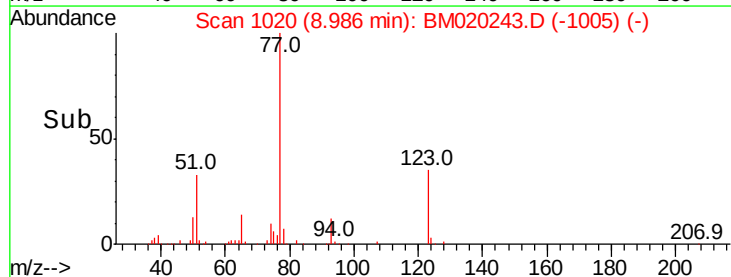
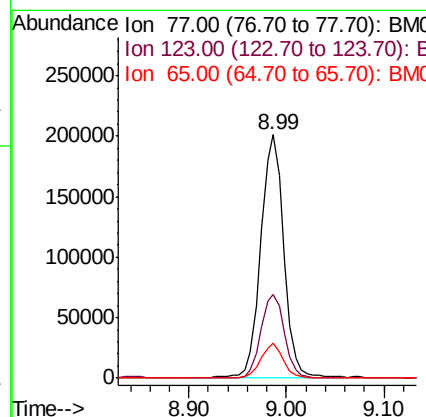
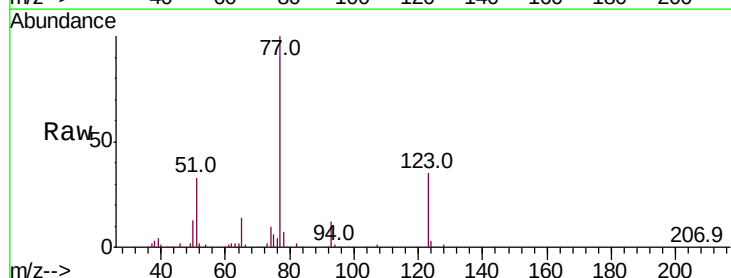
Instrument :
BNA_M
ClientSampled :
HW-7MS

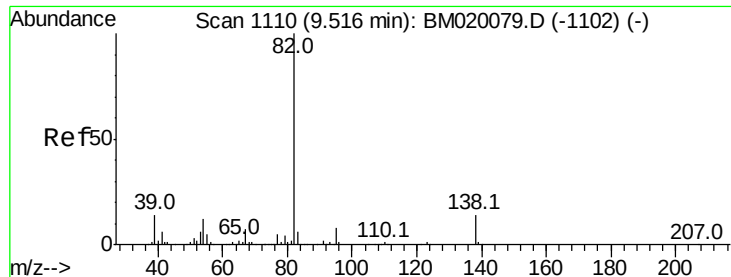
Tot Ion	82	Resp	656490
Ion	Ratio	Lower	Upper
82	100		
128	34.0	25.2	37.8
54	35.9	31.9	47.9



#24
Nitrobenzene
Concen: 42.834 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion	77	Resp	330214
Ion	Ratio	Lower	Upper
77	100		
123	34.6	25.5	38.3
65	14.2	11.8	17.6





#25

Isophorone

Concen: 49.012 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

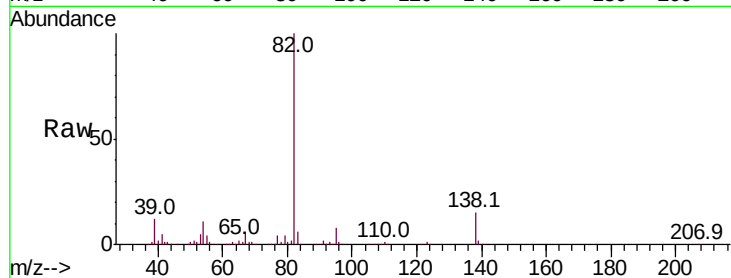
Tot Ion: 82 Resp: 628431

Ion Ratio Lower Upper

82 100

95 7.7 6.4 9.6

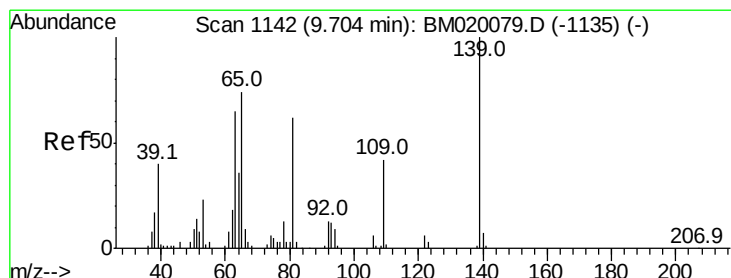
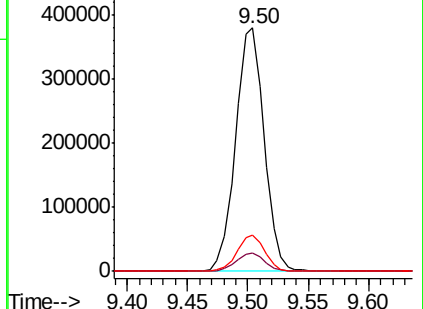
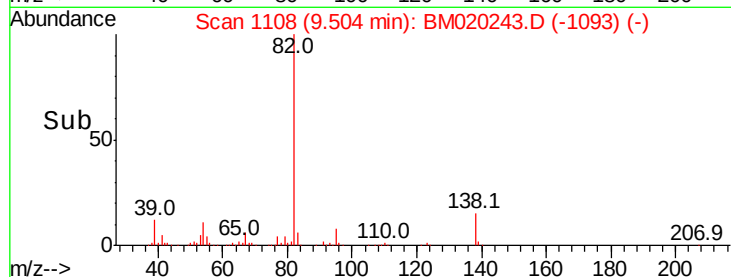
138 14.7 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020243.D (-1102) (-)

Ion 95.00 (94.70 to 95.70): BM020243.D (-1102) (-)

Ion 138.00 (137.70 to 138.70): BM020243.D (-1102) (-)



#26

2-Nitrophenol

Concen: 41.659 ng

RT: 9.69 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

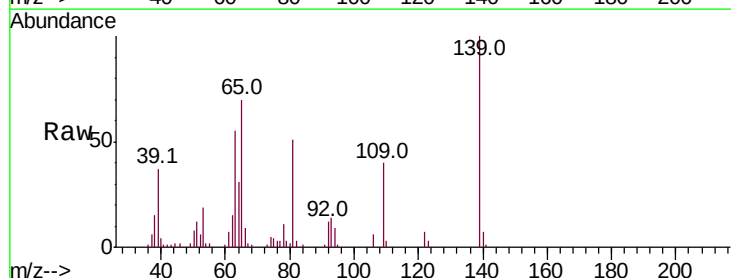
Tgt Ion: 139 Resp: 96958

Ion Ratio Lower Upper

139 100

109 39.6 33.7 50.5

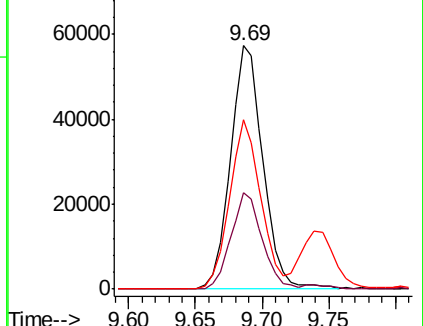
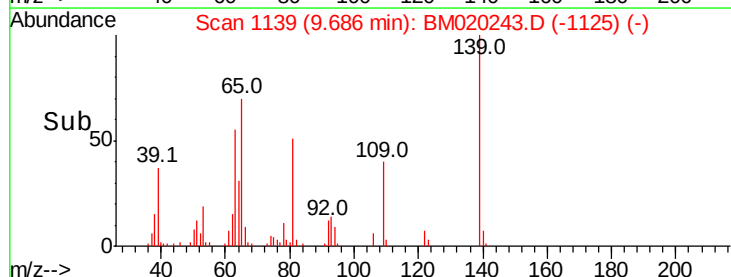
65 69.7 59.5 89.3

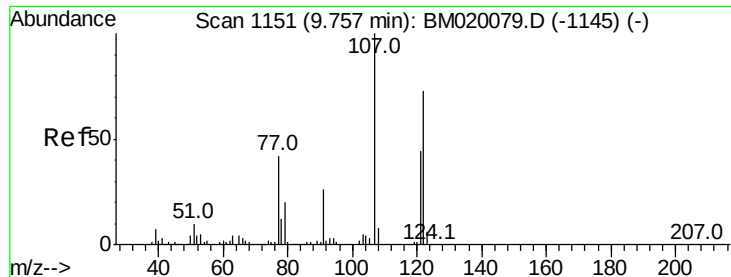


Abundance Ion 139.00 (138.70 to 139.70): BM020243.D (-1135) (-)

Ion 109.00 (108.70 to 109.70): BM020243.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): BM020243.D (-1135) (-)

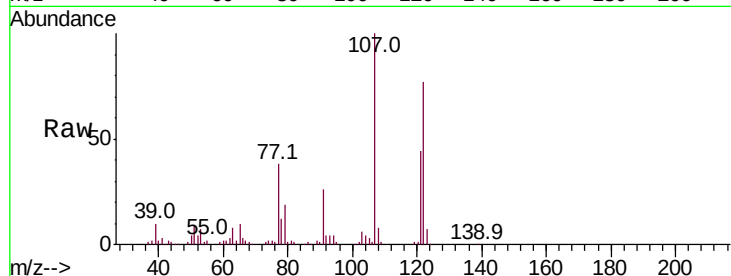




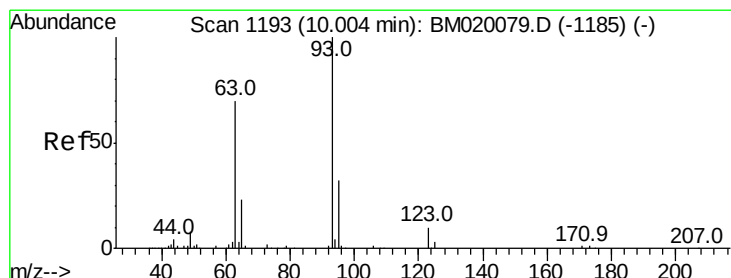
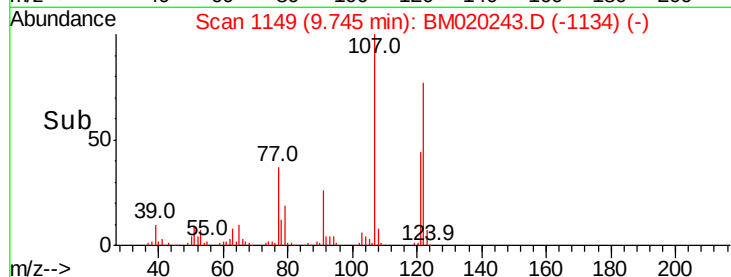
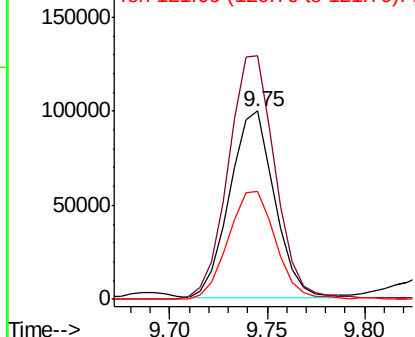
#27
 2,4-Dimethylphenol
 Concen: 40.680 ng
 RT: 9.75 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Tot Ion:122 Resp: 157625
 Ion Ratio Lower Upper
 122 100
 107 129.4 108.6 162.8
 121 57.2 47.4 71.2

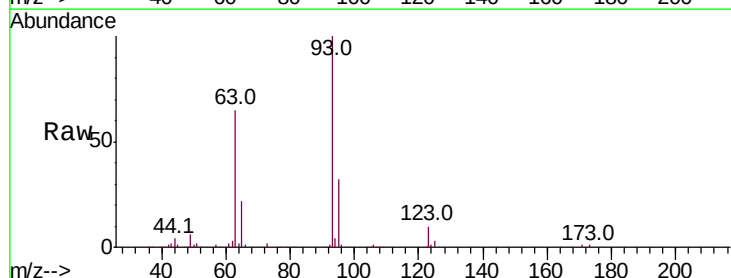


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

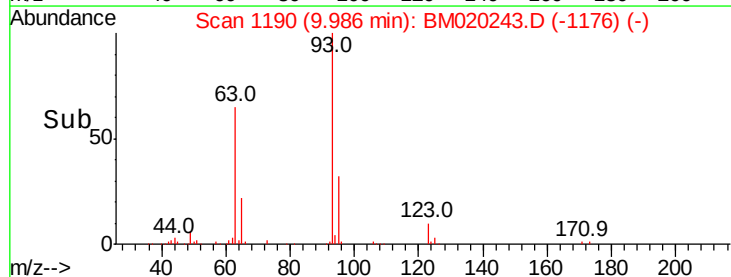
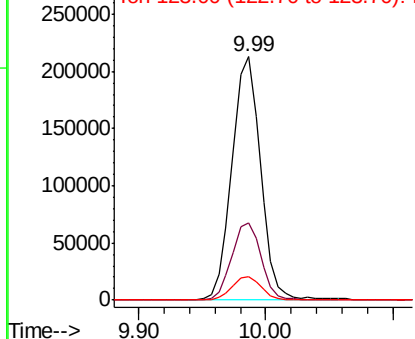


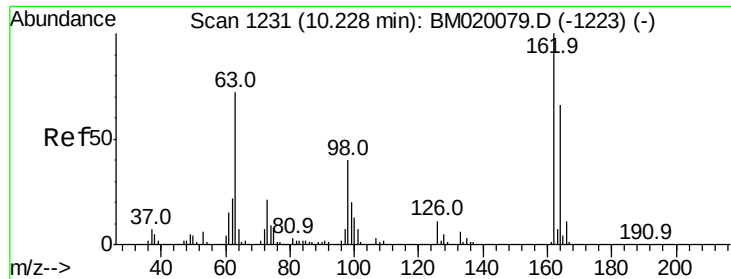
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.722 ng
 RT: 9.99 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion: 93 Resp: 333257
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.5 38.3
 123 9.8 7.6 11.4



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.596 ng

RT: 10.22 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

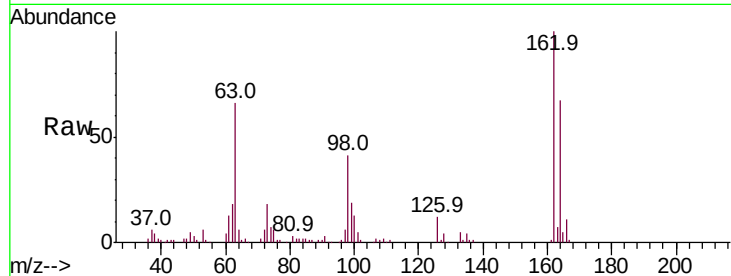
Tot Ion:162 Resp: 183692

Ion Ratio Lower Upper

162 100

164 66.6 45.6 85.6

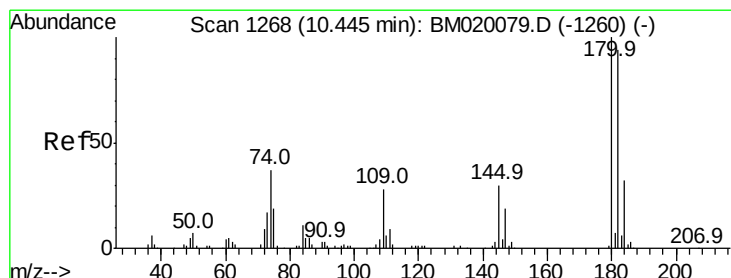
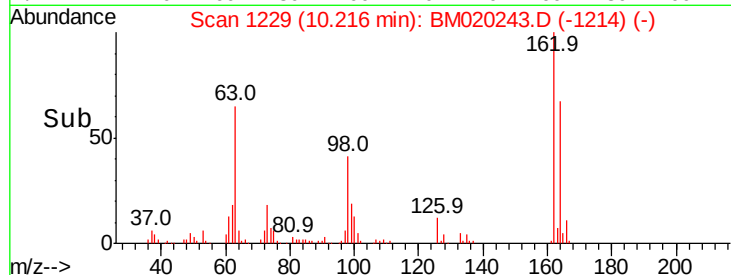
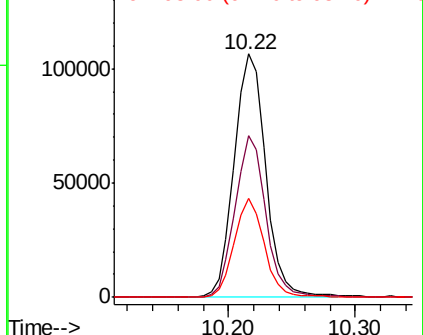
98 40.6 20.4 60.4



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): BM



#30

1,2,4-Trichlorobenzene

Concen: 41.347 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

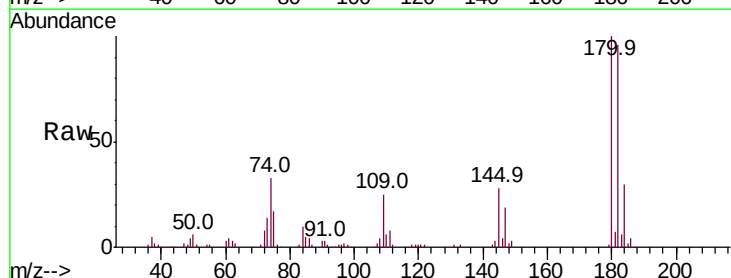
Tgt Ion:180 Resp: 248577

Ion Ratio Lower Upper

180 100

182 96.4 75.4 113.0

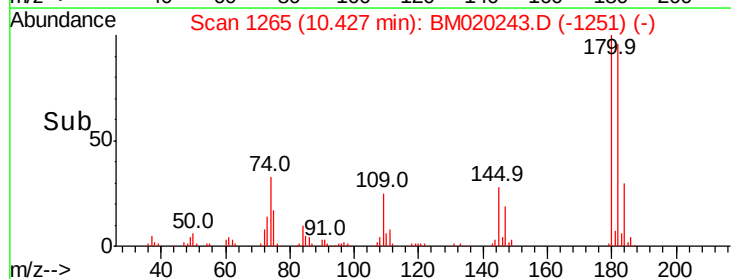
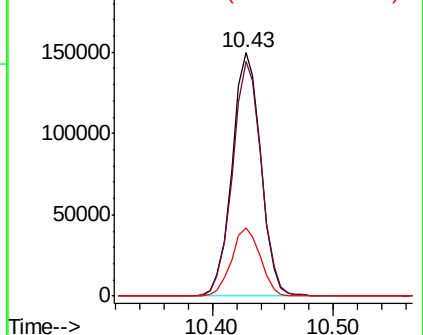
145 28.0 23.8 35.8

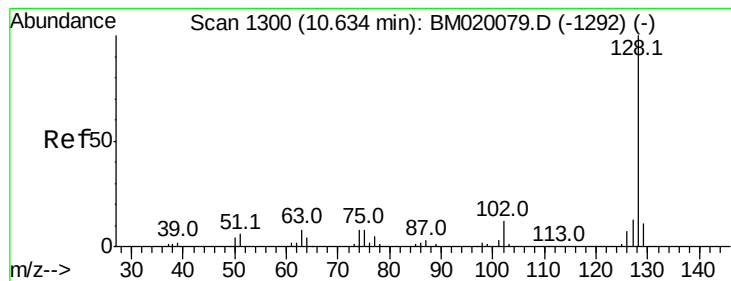


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.114 ng

RT: 10.62 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

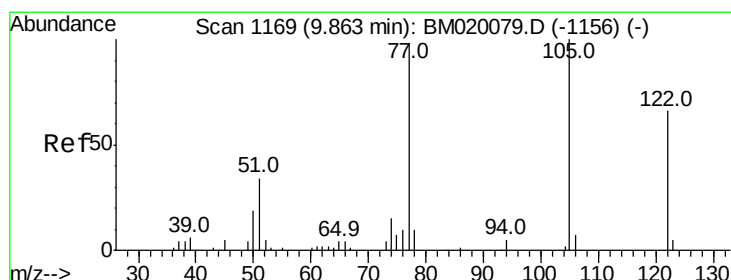
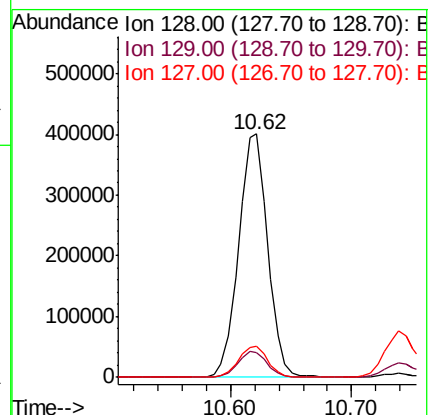
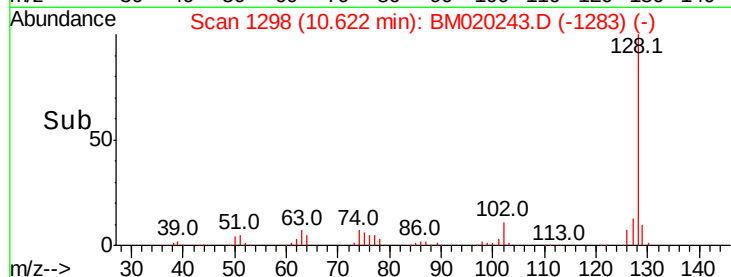
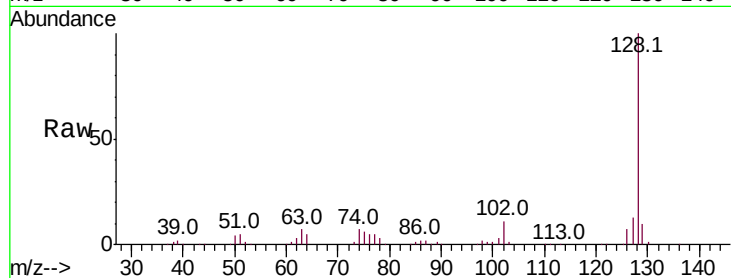
Tot Ion:128 Resp: 671997

Ion Ratio Lower Upper

128 100

129 10.3 9.0 13.4

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 18.872 ng

RT: 9.84 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

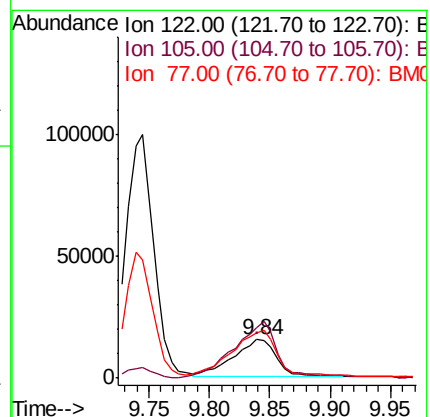
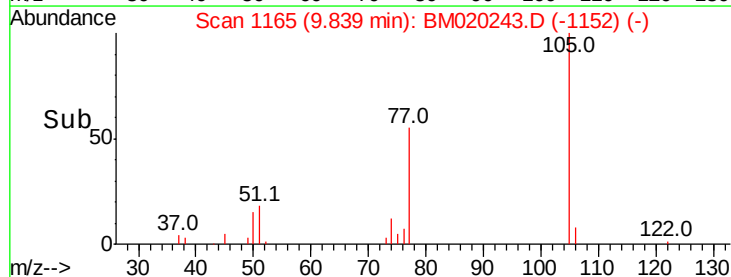
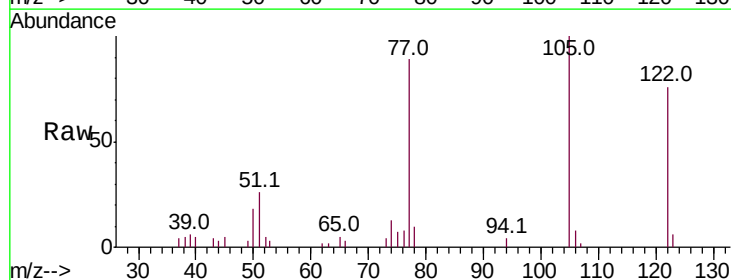
Tgt Ion:122 Resp: 39204

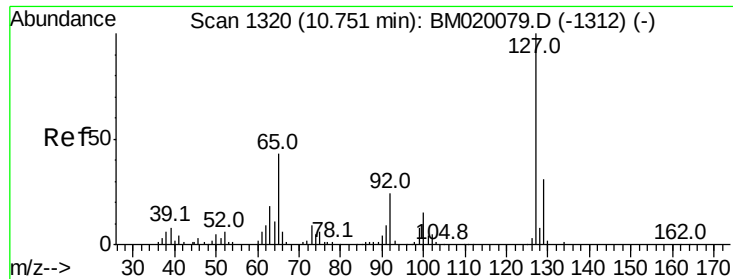
Ion Ratio Lower Upper

122 100

105 131.6 122.5 162.5

77 117.7 123.3 163.3#

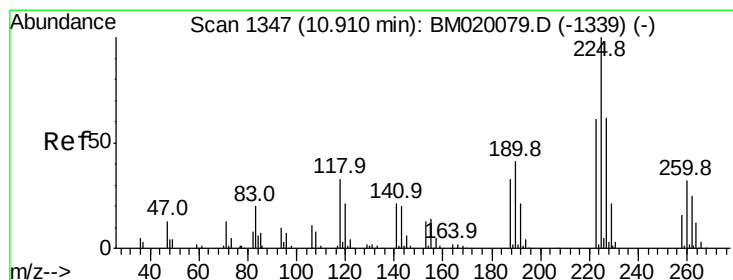
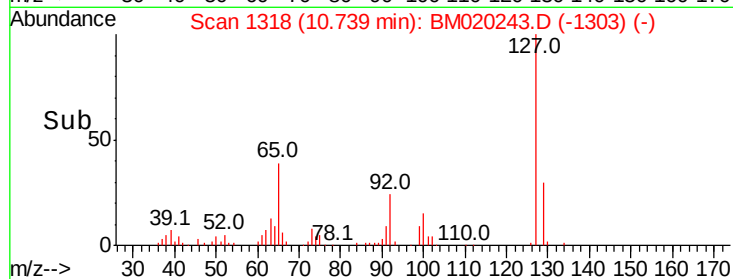
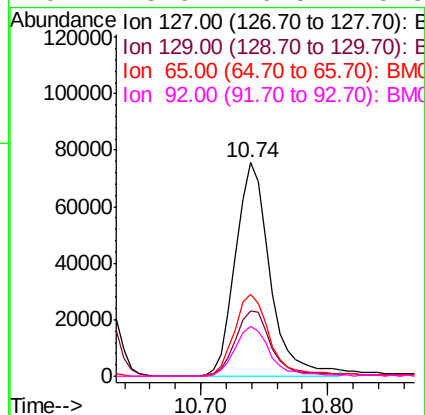
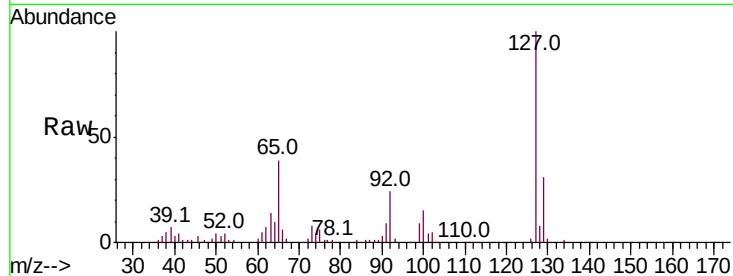




#33
4-Chloroaniline
Concen: 22.924 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

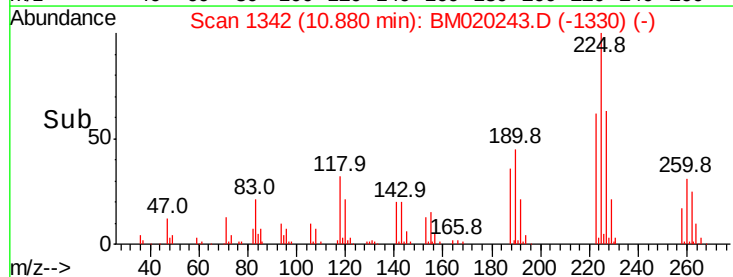
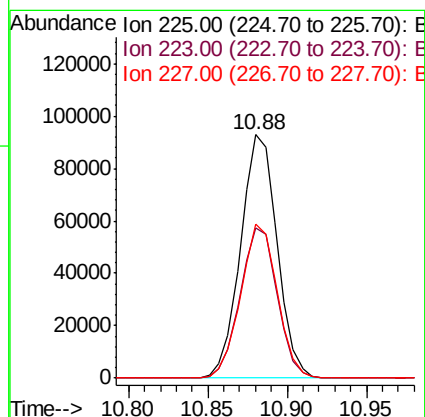
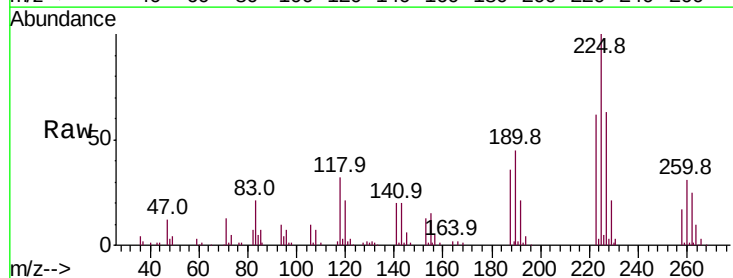
Instrument :
BNA_M
ClientSampleId :
HW-7MS

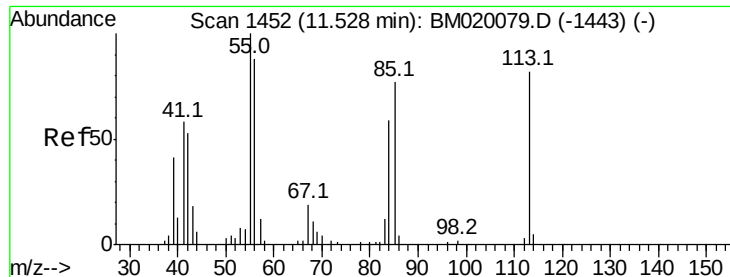
Tot Ion:	127	Resp:	143726
Ion	Ratio	Lower	Upper
127	100		
129	30.8	24.7	37.1
65	38.5	34.6	52.0
92	23.6	19.5	29.3



#34
Hexachlorobutadiene
Concen: 34.951 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion:	225	Resp:	148643
Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.9	73.3
227	63.0	49.6	74.4





#35

Caprolactam

Concen: 5.061 ng

RT: 11.55 min Scan# 1456

Delta R.T. 0.02 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

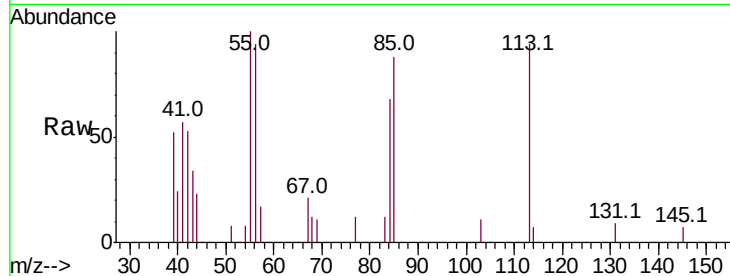
Tot Ion:113 Resp: 7394

Ion Ratio Lower Upper

113 100

55 106.6 102.5 142.5

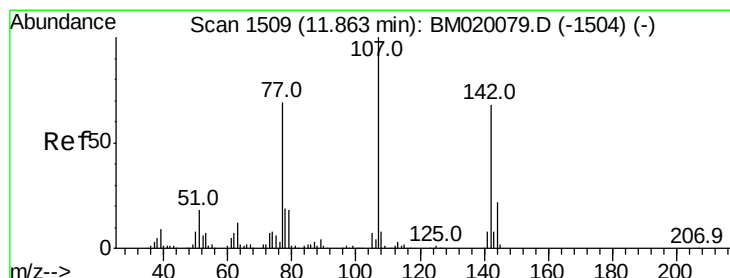
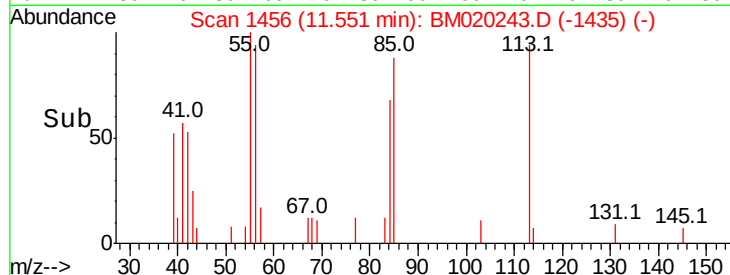
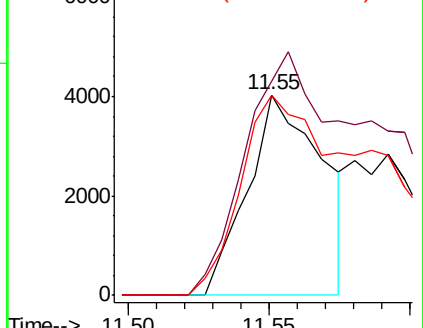
56 100.1 87.7 127.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 35.232 ng

RT: 11.86 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

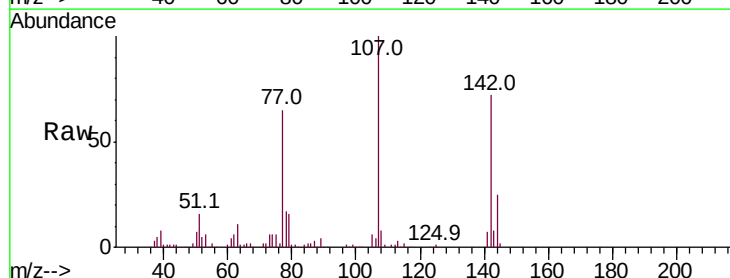
Tgt Ion:107 Resp: 202295

Ion Ratio Lower Upper

107 100

144 25.0 17.6 26.4

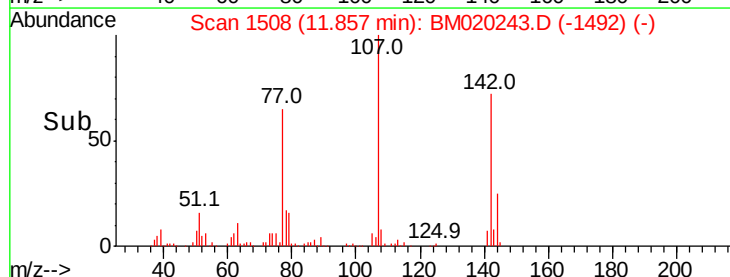
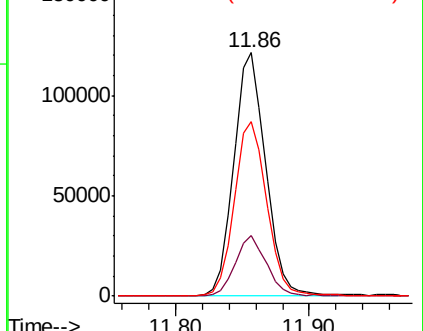
142 71.9 54.6 82.0

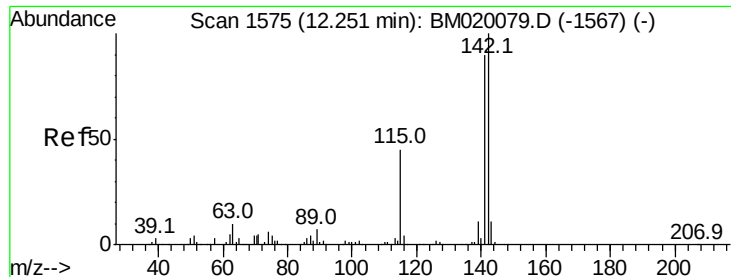


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.690 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.02 min

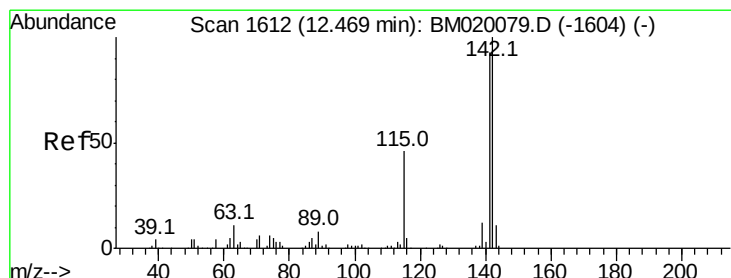
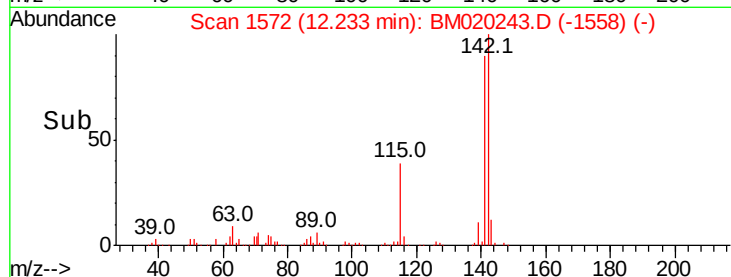
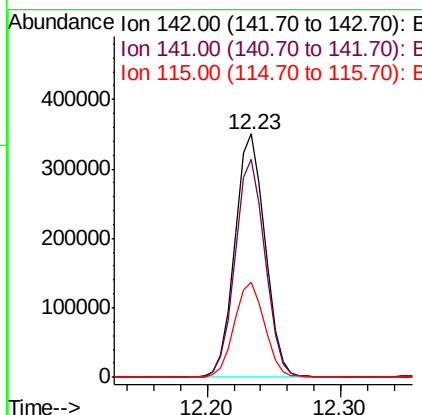
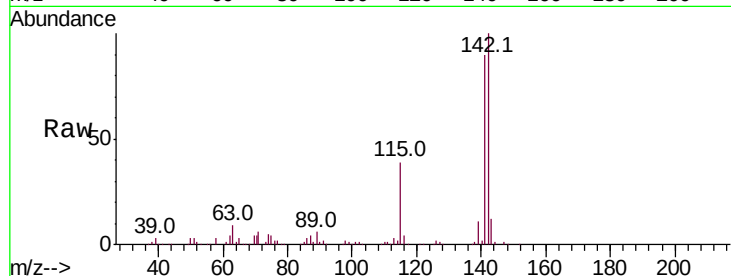
Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

Tot Ion:142 Resp: 551836

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.6	107.4
115	39.3	35.8	53.6



#38

1-Methylnaphthalene

Concen: 49.147 ng

RT: 12.46 min Scan# 1610

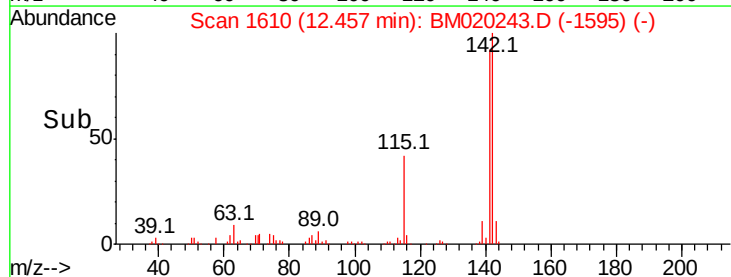
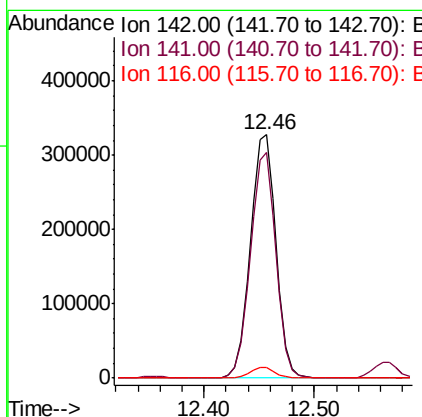
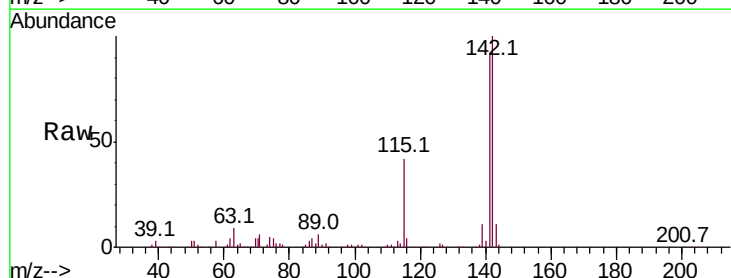
Delta R.T. -0.01 min

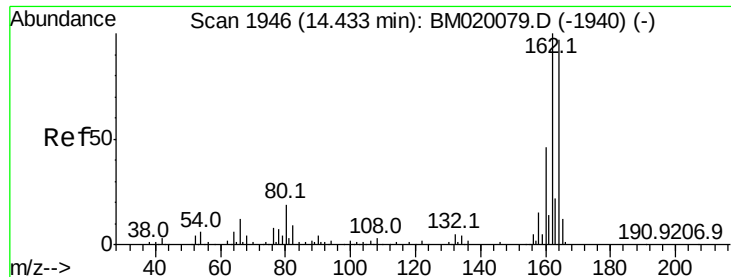
Lab File: BM020243.D

Acq: 10 May 2019 15:51

Tgt Ion:142 Resp: 533721

Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.8	112.2
116	4.2	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: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

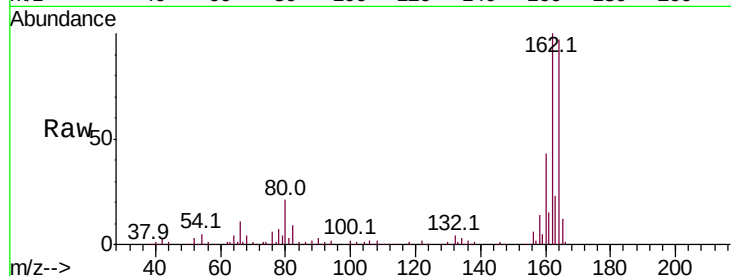
Tot Ion:164 Resp: 200770

Ion Ratio Lower Upper

164 100

162 103.4 82.2 123.2

160 44.4 37.6 56.4

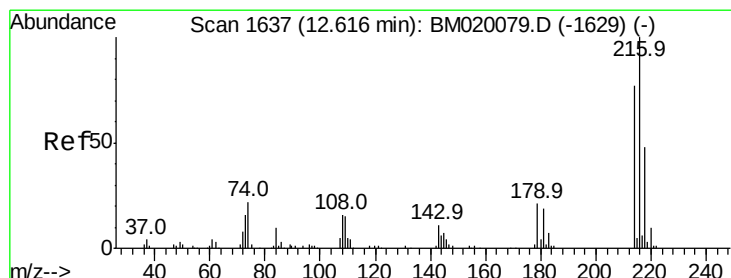
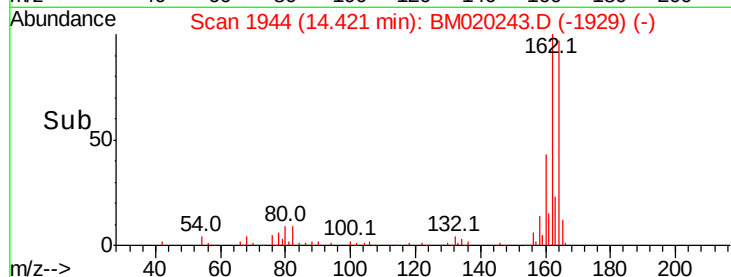
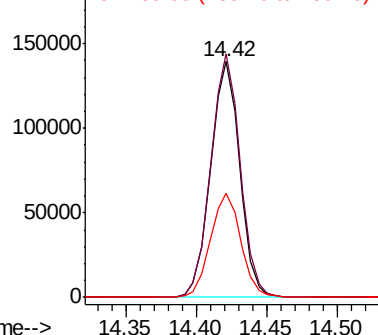


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.226 ng

RT: 12.60 min Scan# 1634

Delta R.T. -0.02 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Tgt Ion:216 Resp: 339539

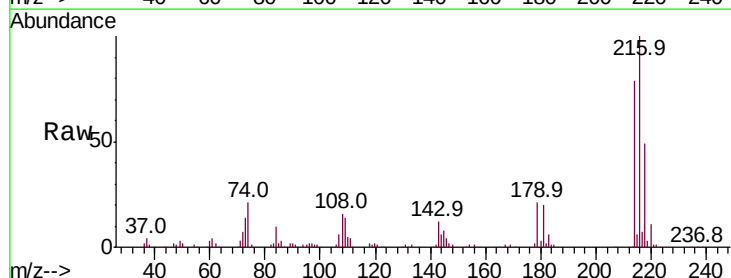
Ion Ratio Lower Upper

216 100

214 78.2 62.6 94.0

179 20.4 17.1 25.7

108 18.6 15.8 23.6



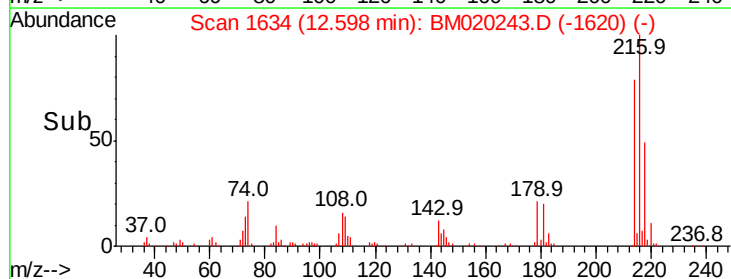
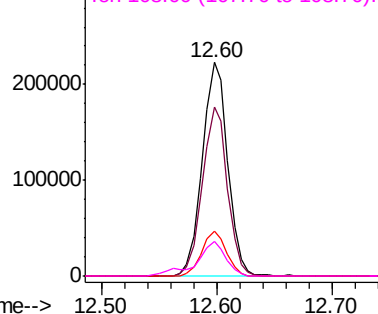
Abundance

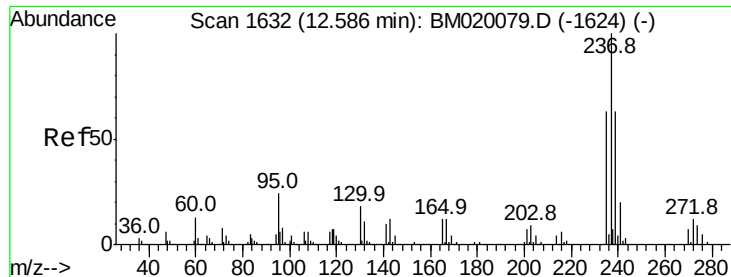
Ion 216.00 (215.70 to 216.70): E

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: 69.090 ng

RT: 12.56 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampled :

HW-7MS

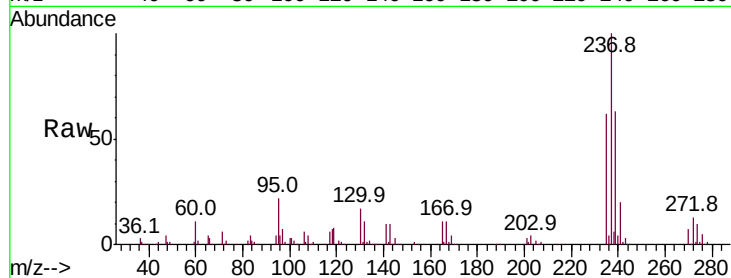
Tot Ion:237 Resp: 319542

Ion Ratio Lower Upper

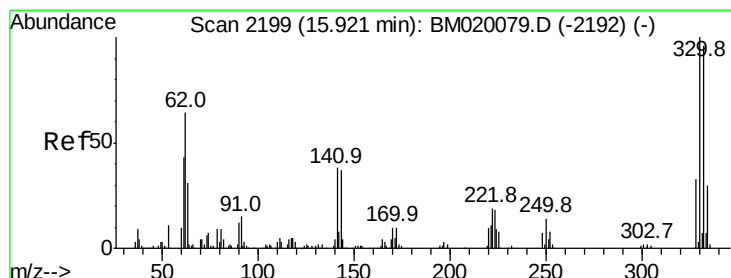
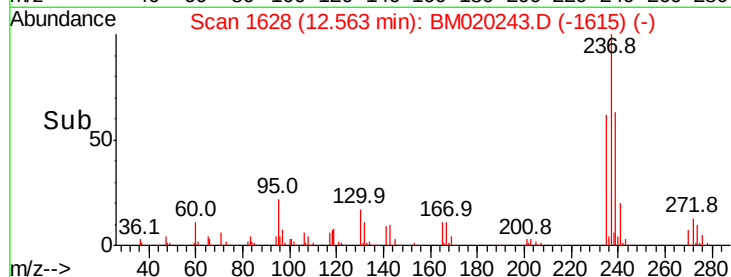
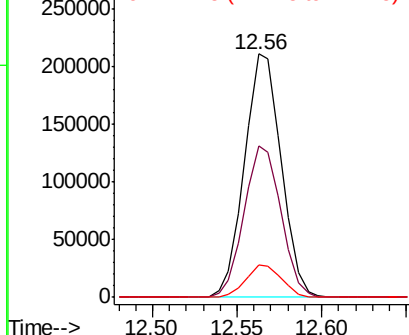
237 100

235 62.0 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: 125.768 ng

RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

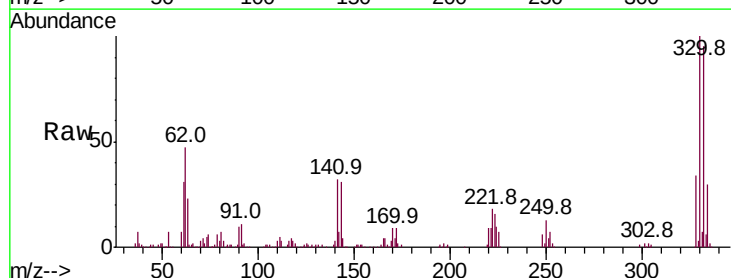
Tgt Ion:330 Resp: 391936

Ion Ratio Lower Upper

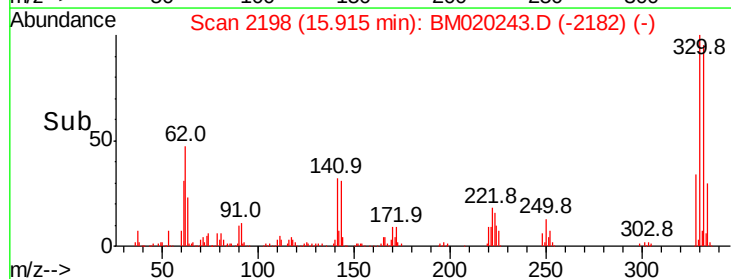
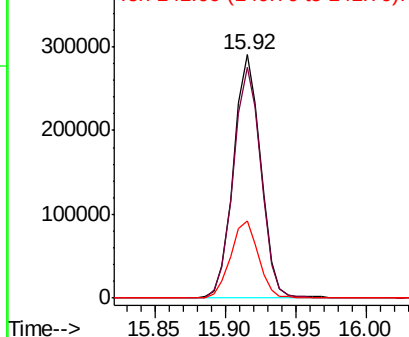
330 100

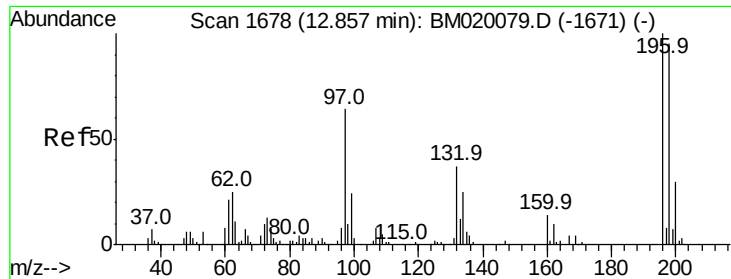
332 96.1 76.8 115.2

141 32.5 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

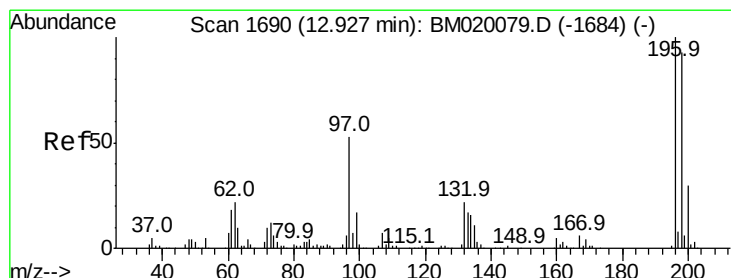
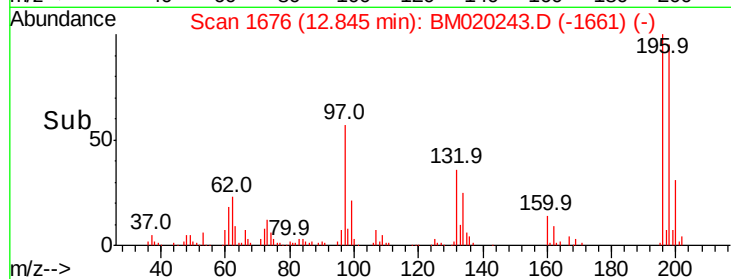
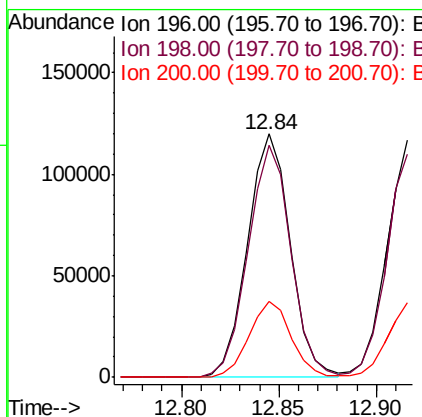
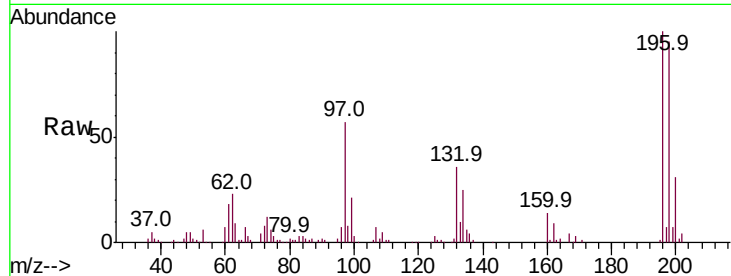




#43
 2,4,6-Trichlorophenol
 Concen: 40.707 ng
 RT: 12.84 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

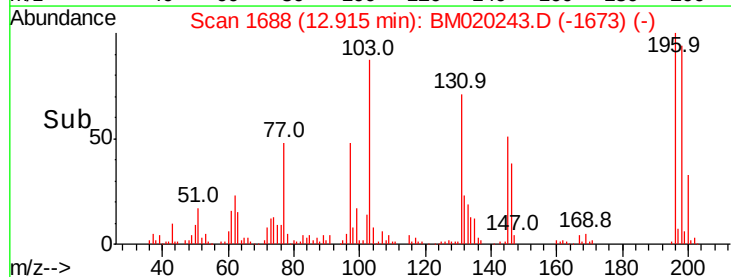
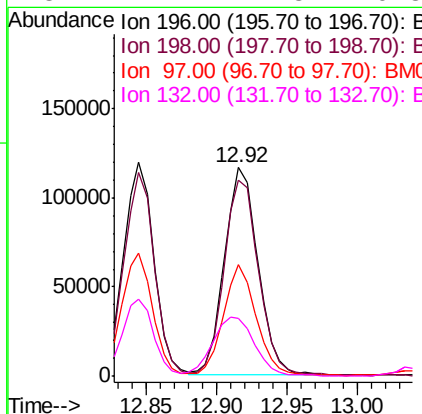
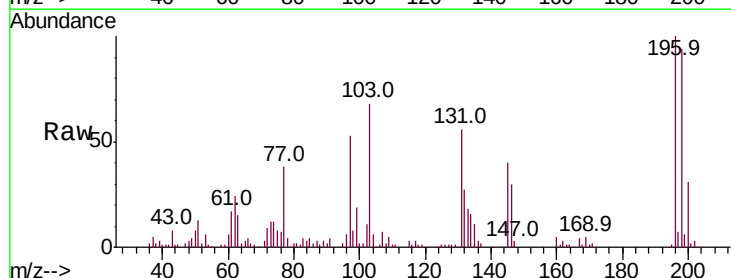
Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

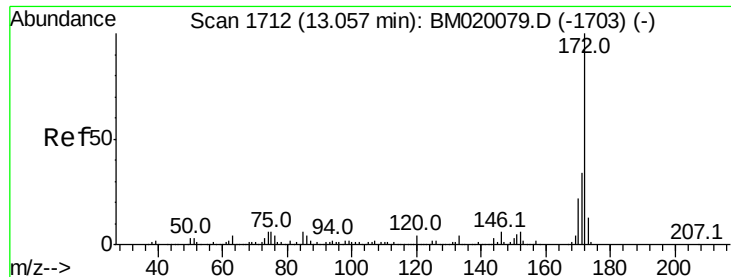
Tot Ion:196 Resp: 181720
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.2 114.2
 200 31.0 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 38.575 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion:196 Resp: 192377
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.7 112.1
 97 53.2 42.2 63.4
 132 27.4 17.8 26.8#



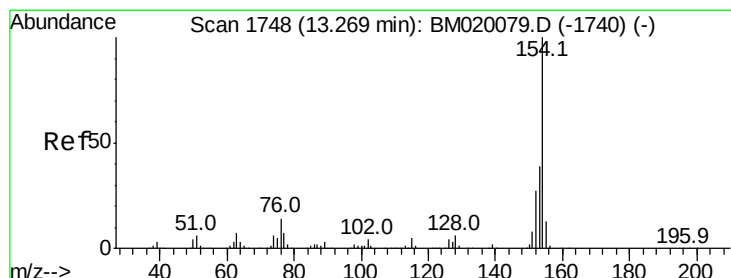
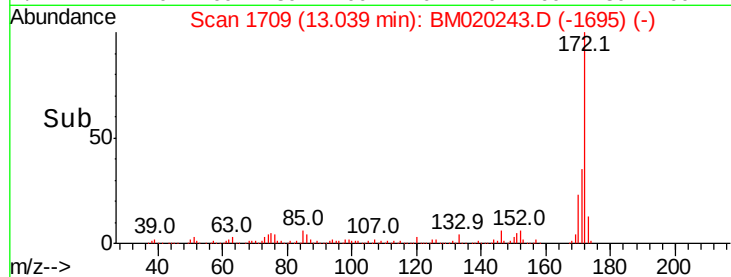
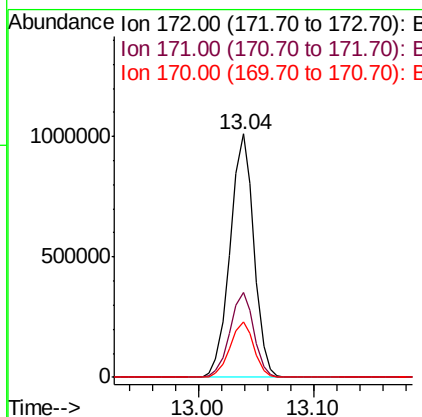
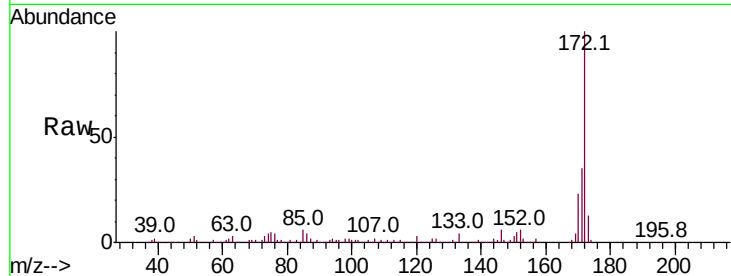


#45
2-Fluorobiphenyl
Concen: 88.242 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

Tot Ion:172 Resp: 1439928

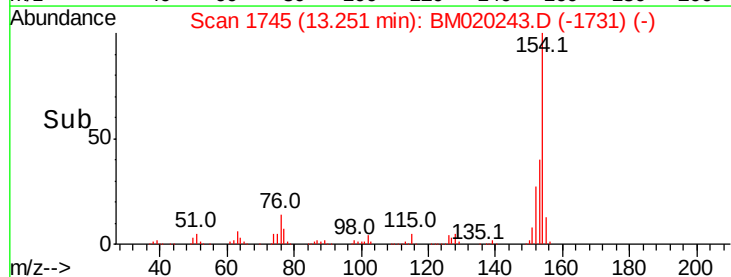
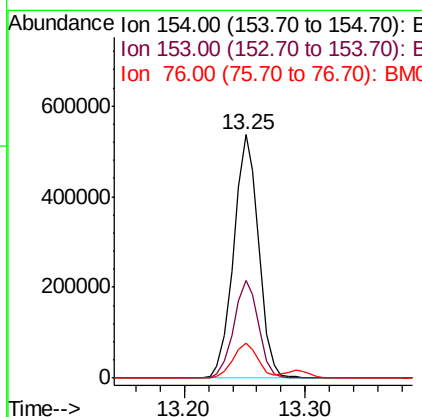
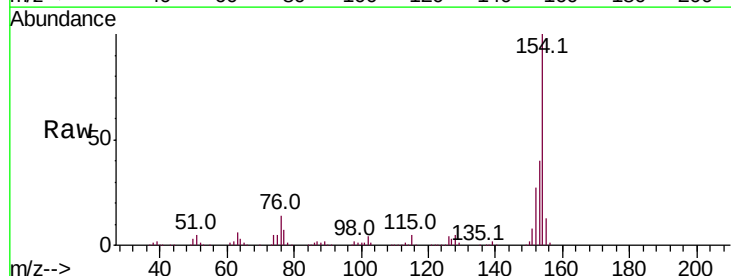
Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.3	40.9
170	22.8	17.9	26.9

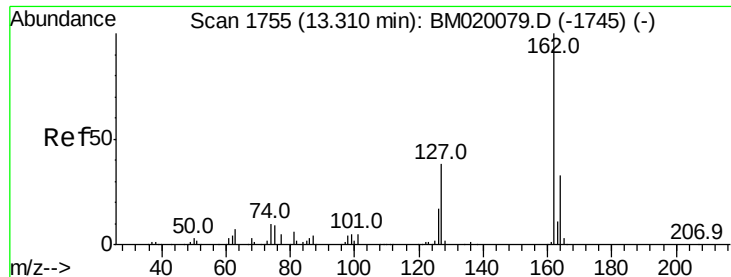


#46
1,1'-Biphenyl
Concen: 46.652 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion:154 Resp: 770946

Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.4	59.4
76	14.3	0.0	34.5





#47

2-Chloronaphthalene

Concen: 46.269 ng

RT: 13.29 min Scan# 1752

Delta R.T. -0.02 min

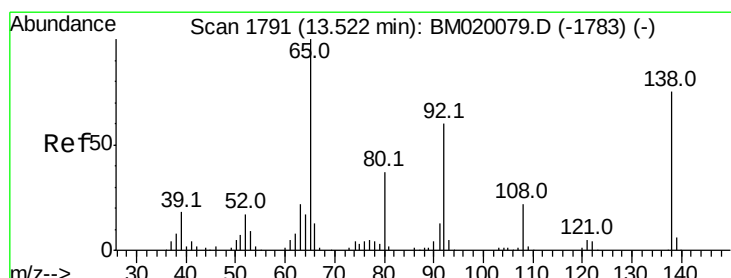
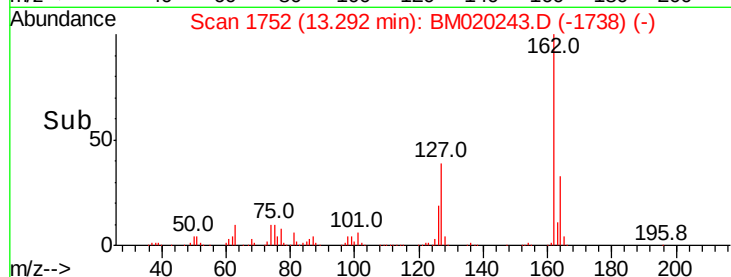
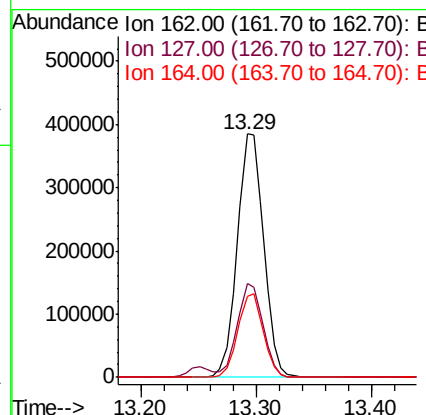
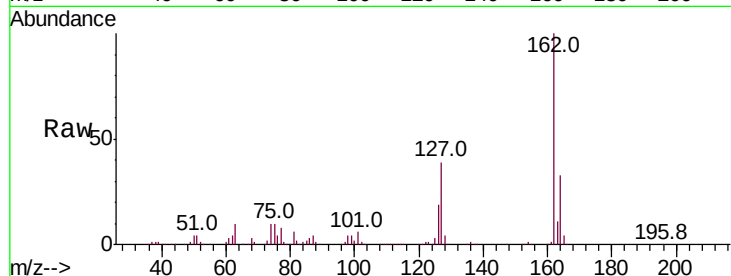
Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

Tot Ion:162 Resp: 610482

Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.0	46.4
164	33.4	26.2	39.2



#48

2-Nitroaniline

Concen: 48.012 ng

RT: 13.51 min Scan# 1789

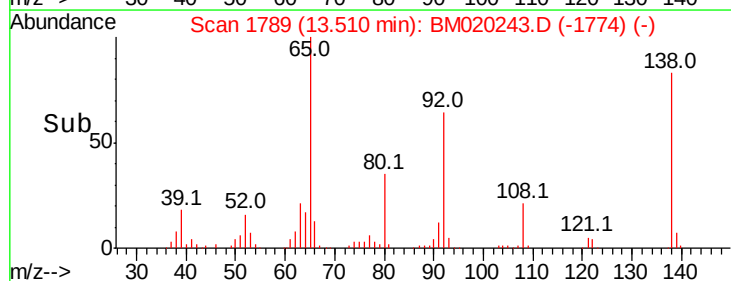
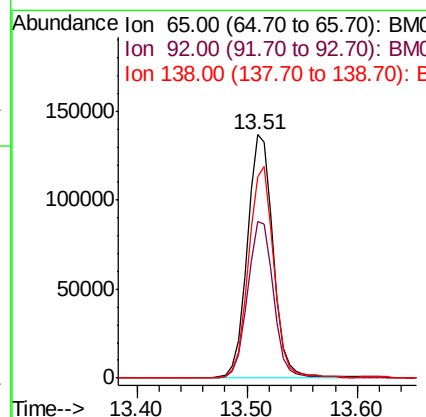
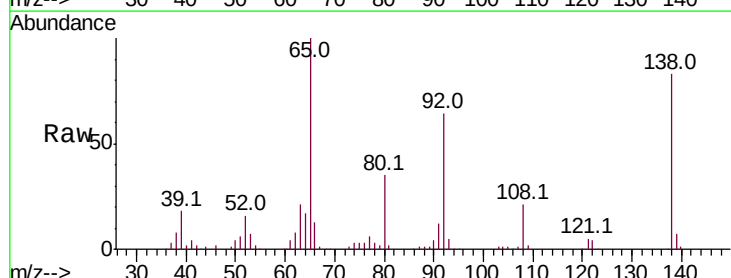
Delta R.T. -0.01 min

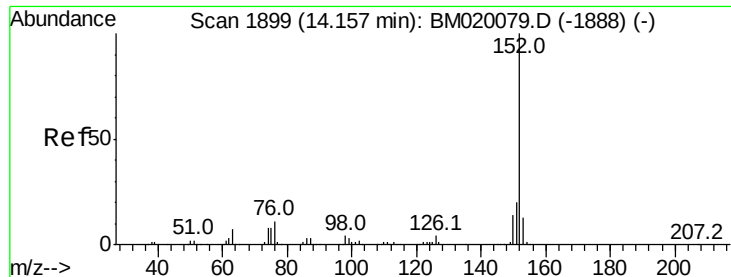
Lab File: BM020243.D

Acq: 10 May 2019 15:51

Tgt Ion: 65 Resp: 225527

Ion	Ratio	Lower	Upper
65	100		
92	64.5	48.2	72.4
138	82.7	60.3	90.5





#49

Acenaphthylene

Concen: 46.003 ng

RT: 14.14 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

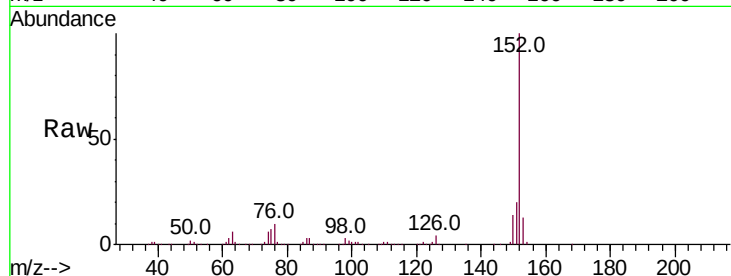
Tot Ion:152 Resp: 971390

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

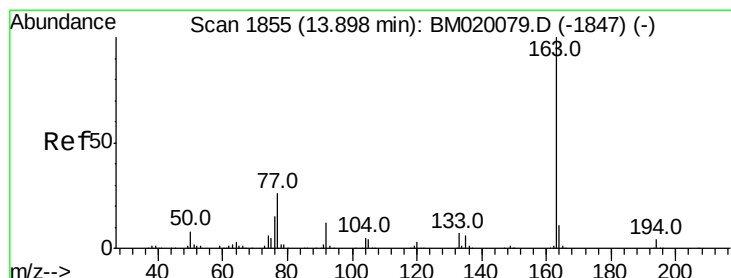
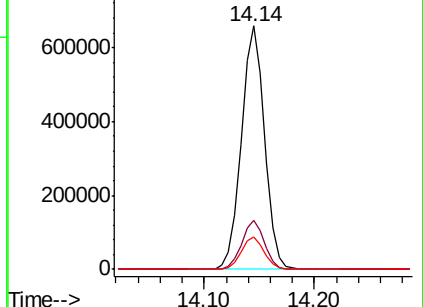
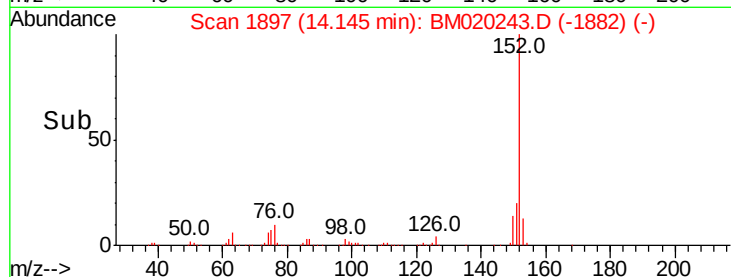
153 13.1 10.6 16.0



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: 49.216 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

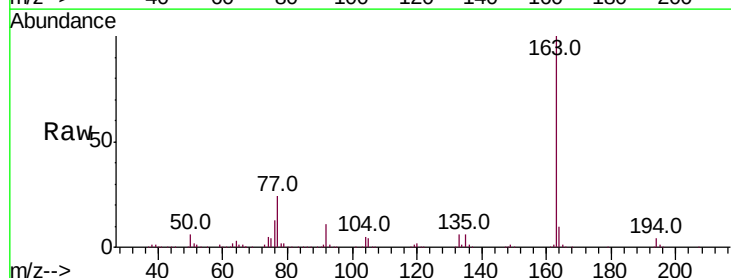
Tgt Ion:163 Resp: 839821

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

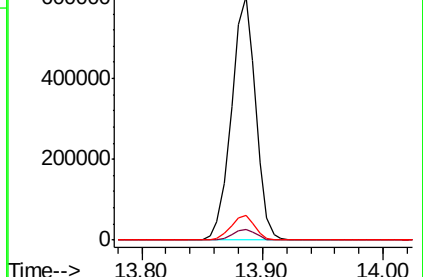
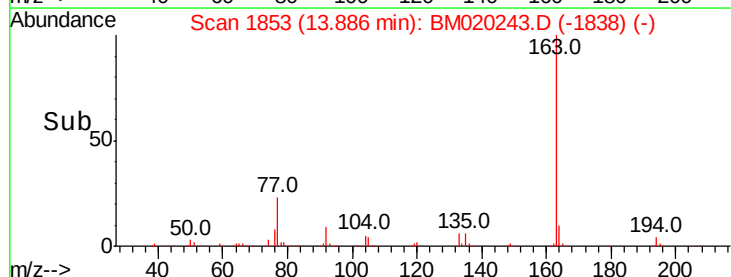
164 9.9 8.4 12.6

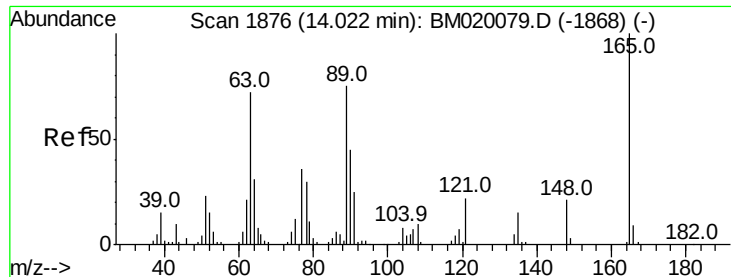


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 50.790 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

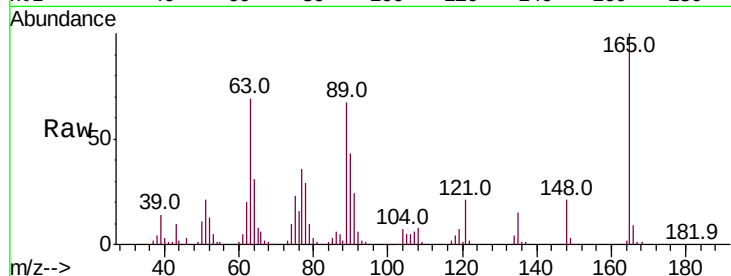
Tot Ion:165 Resp: 182540

Ion Ratio Lower Upper

165 100

63 68.6 60.3 90.5

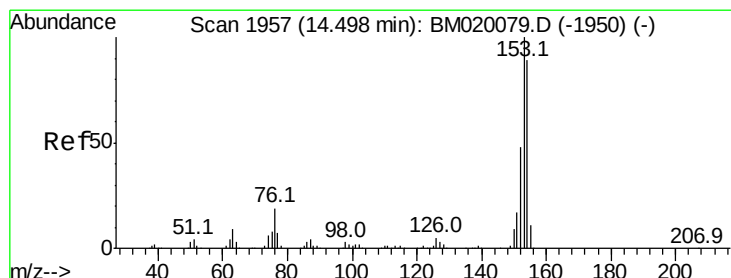
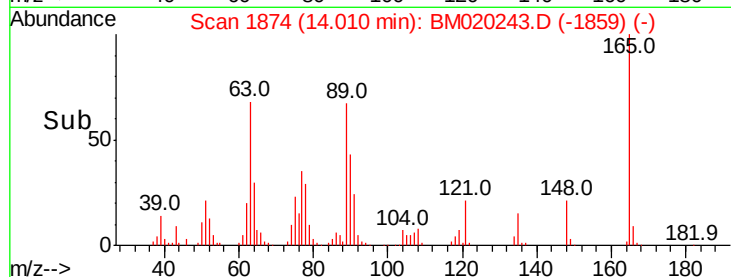
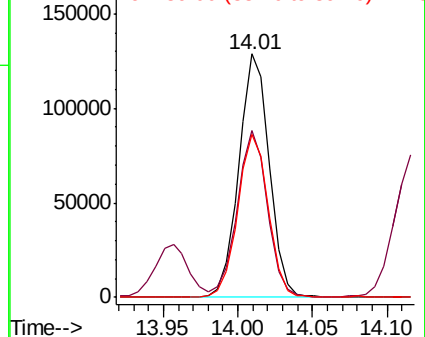
89 66.8 59.8 89.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 48.463 ng

RT: 14.49 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

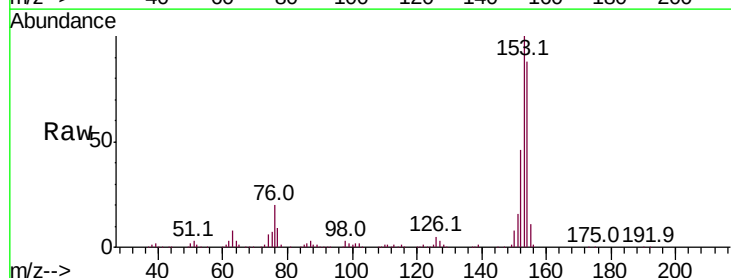
Tgt Ion:154 Resp: 586833

Ion Ratio Lower Upper

154 100

153 113.1 90.2 135.2

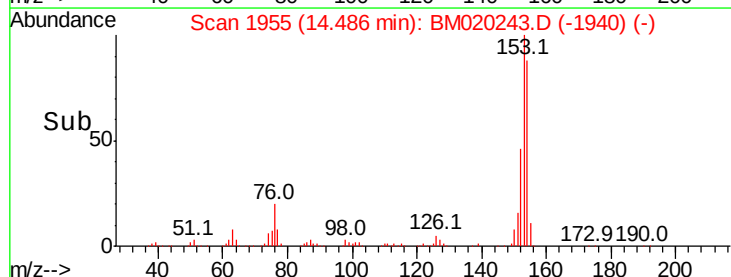
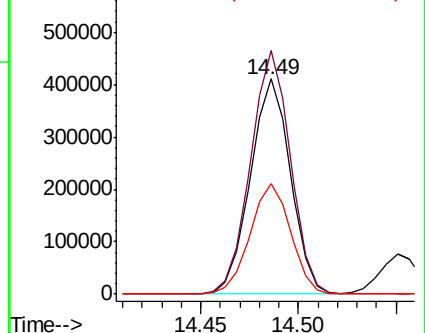
152 51.5 43.0 64.4

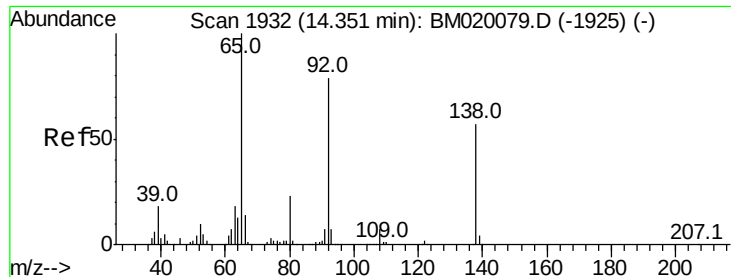


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

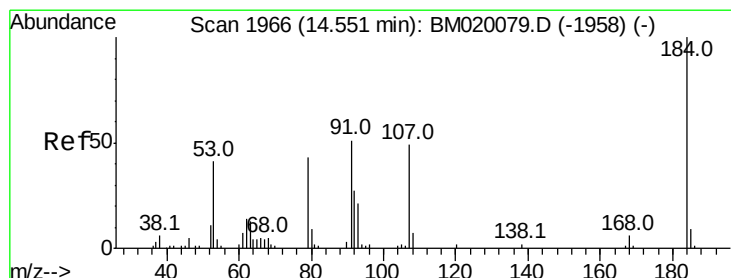
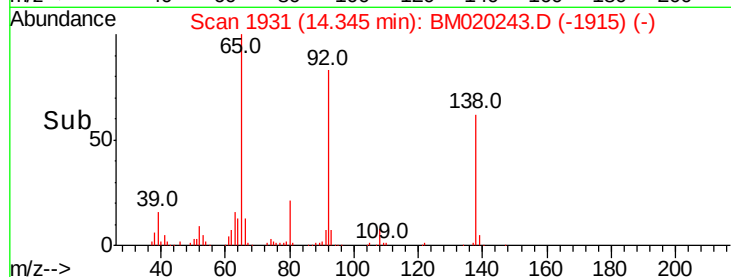
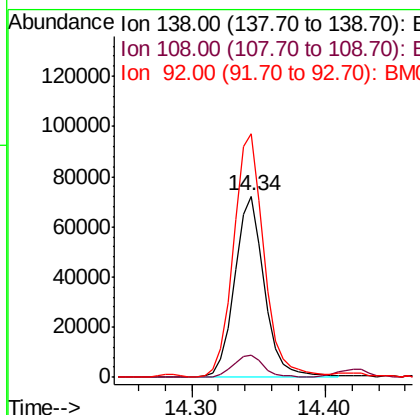
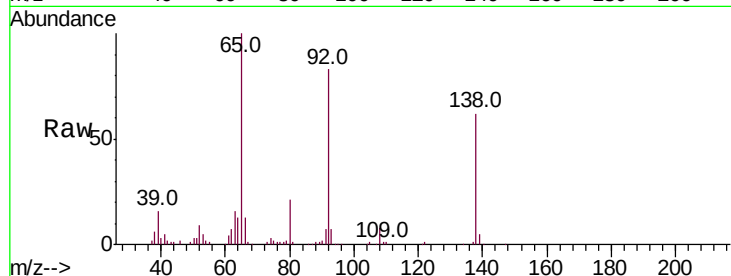




#53
3-Nitroaniline
Concen: 33.508 ng
RT: 14.34 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

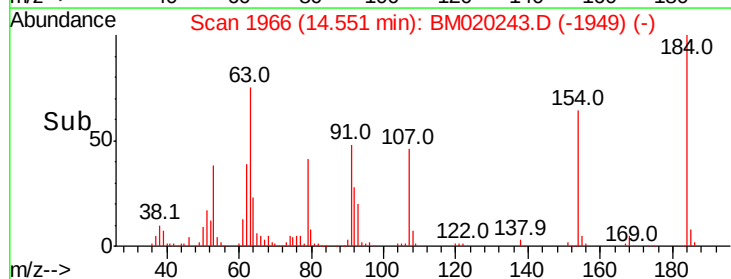
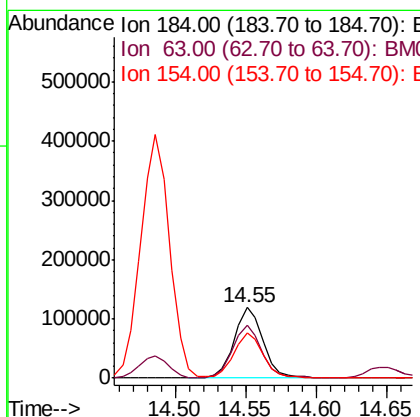
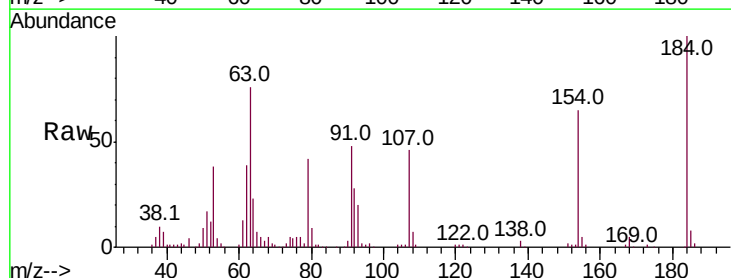
Instrument :
BNA_M
ClientSampleId :
HW-7MS

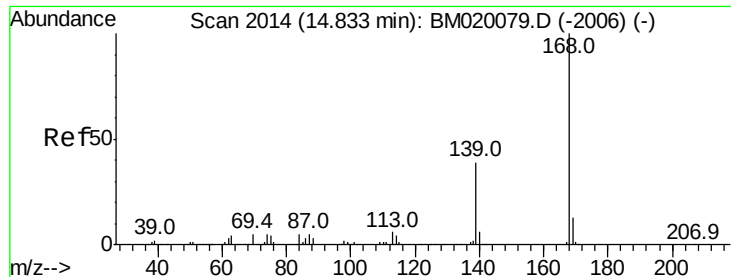
Tot Ion:138 Resp: 111771
Ion Ratio Lower Upper
138 100
108 12.5 10.4 15.6
92 134.5 111.3 166.9



#54
2,4-Dinitrophenol
Concen: 93.376 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion:184 Resp: 170950
Ion Ratio Lower Upper
184 100
63 75.8 68.9 103.3
154 64.5 54.4 81.6

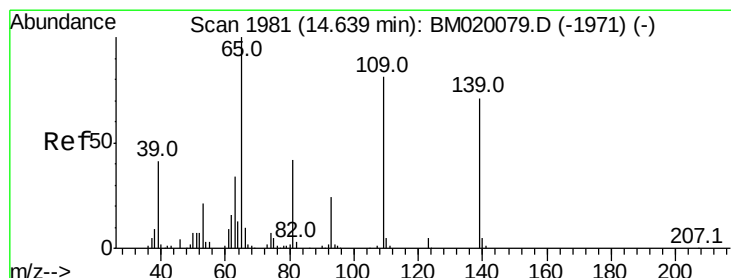
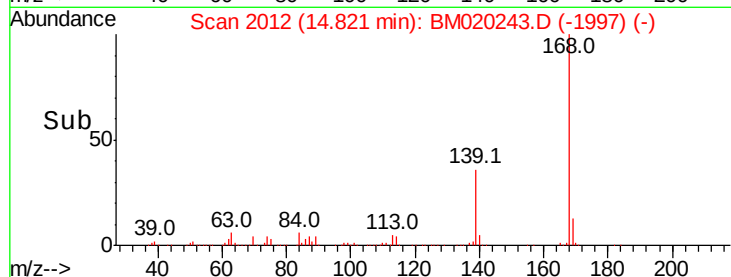
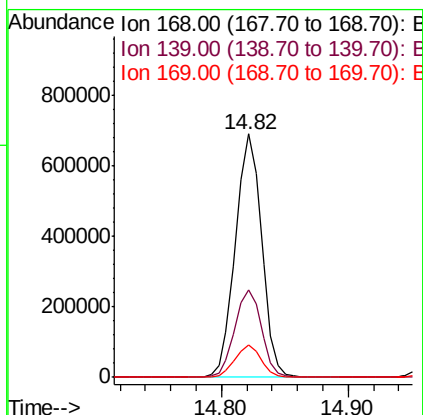
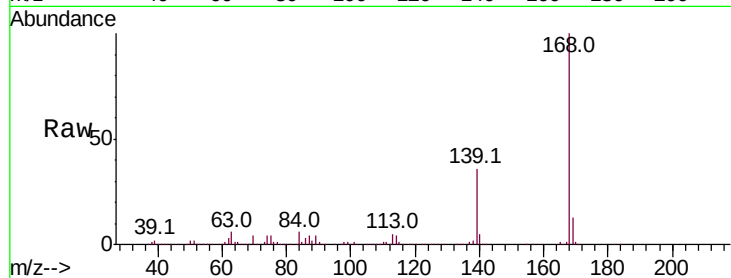




#55
Dibenzofuran
Concen: 48.559 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

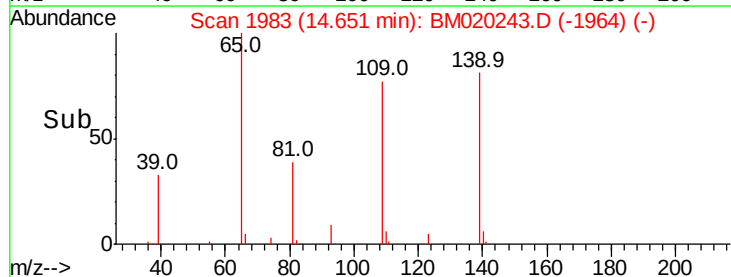
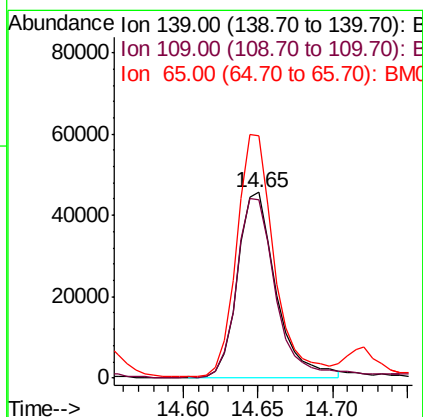
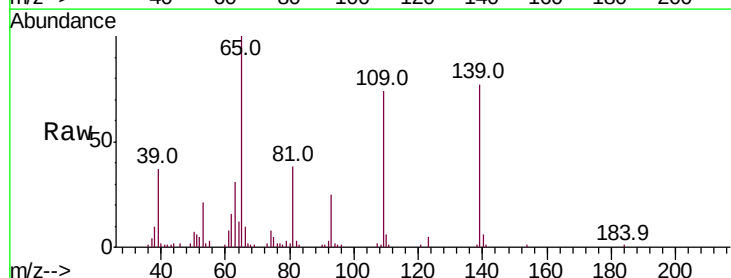
Instrument :
BNA_M
ClientSampled :
HW-7MS

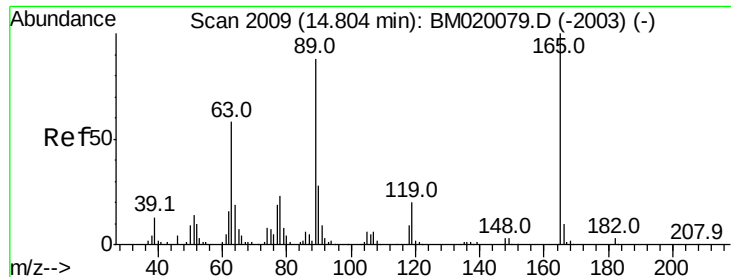
Tot Ion:168 Resp: 991812
Ion Ratio Lower Upper
168 100
139 35.9 31.1 46.7
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 28.907 ng
RT: 14.65 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion:139 Resp: 82271
Ion Ratio Lower Upper
139 100
109 96.1 94.1 134.1
65 130.7 120.9 160.9

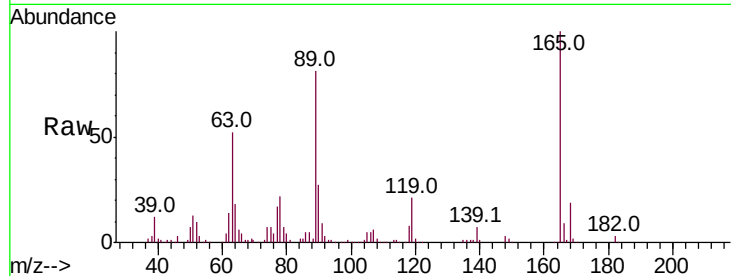




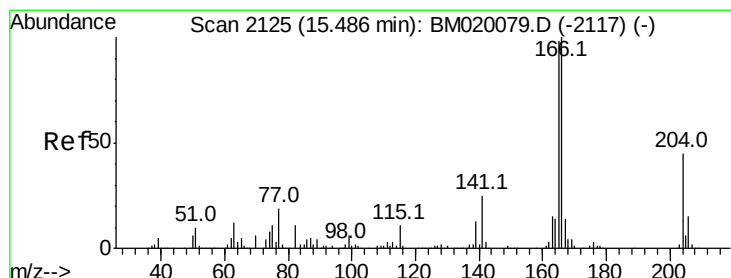
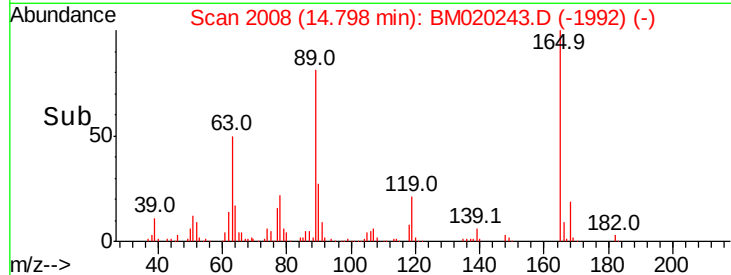
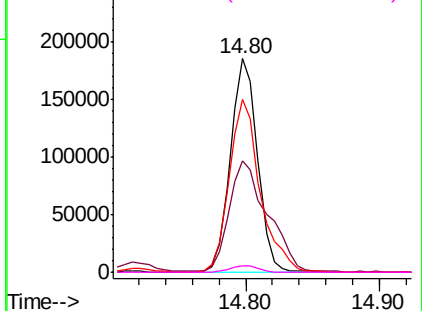
#57
 2,4-Dinitrotoluene
 Concen: 53.949 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Tot Ion:	165	Resp:	263466
Ion	Ratio	Lower	Upper
165	100		
63	52.0	46.2	69.2
89	81.1	70.6	105.8
182	2.9	2.2	3.2

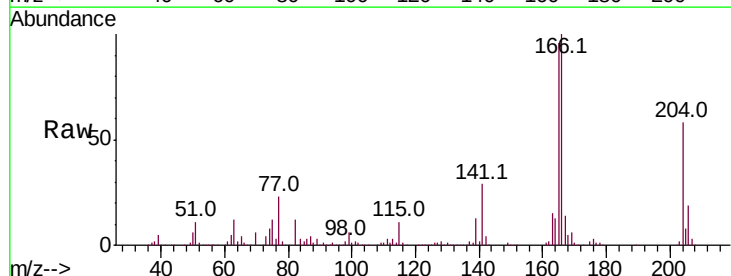


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

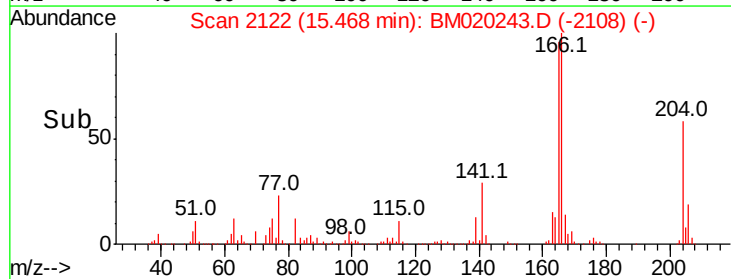
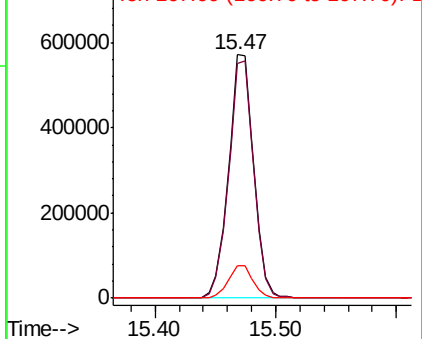


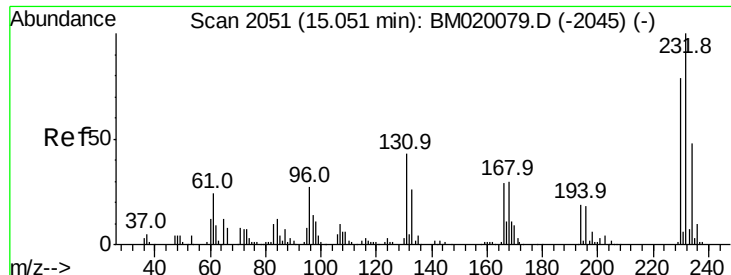
#58
 Fluorene
 Concen: 49.220 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion:	166	Resp:	825650
Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.2	117.2
167	13.6	11.0	16.4



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

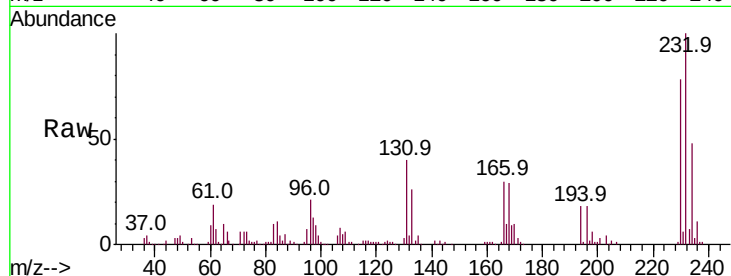




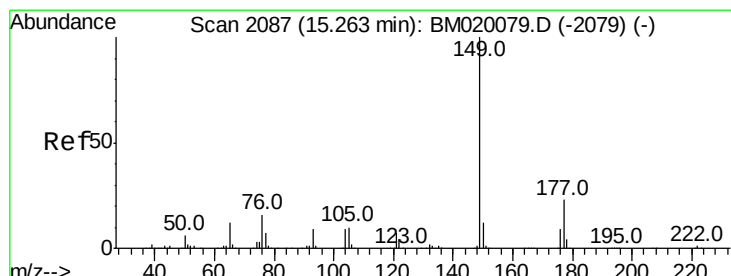
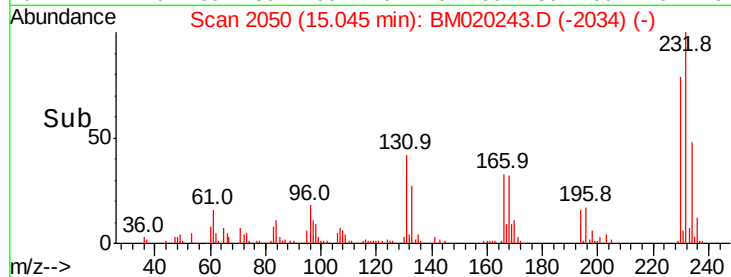
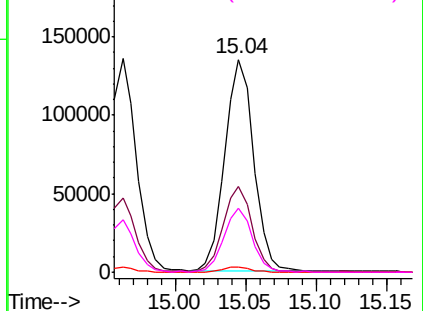
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.459 ng
 RT: 15.04 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Tot Ion:	232	Resp:	191743
Ion	Ratio	Lower	Upper
232	100		
131	39.5	34.2	51.4
130	2.4	2.0	3.0
166	29.8	23.8	35.8

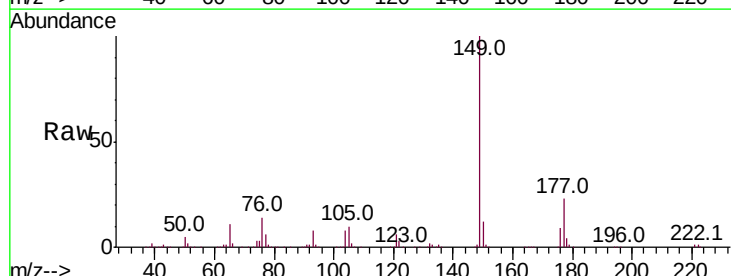


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

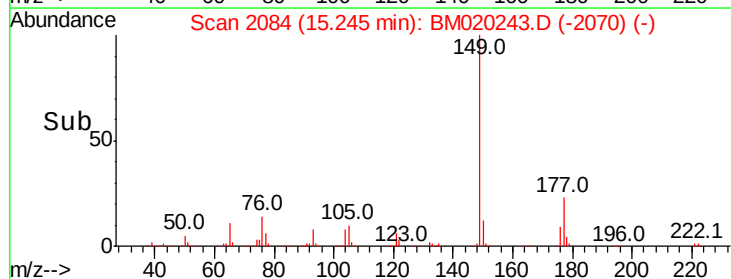
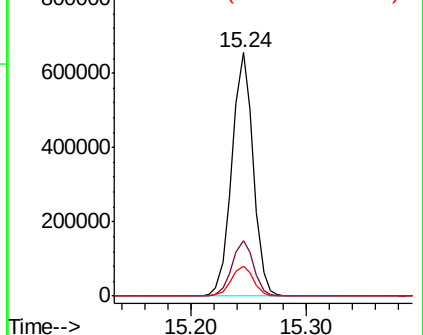


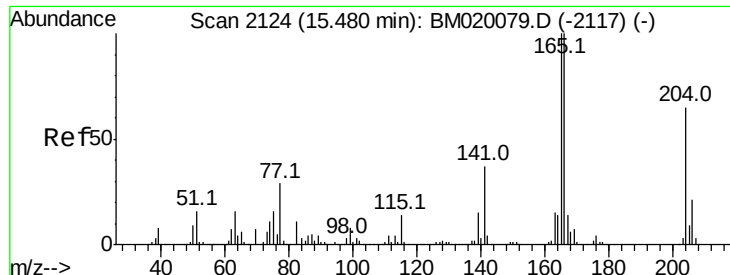
#60
 Diethylphthalate
 Concen: 48.687 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion:	149	Resp:	837007
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.2	27.4
150	12.3	9.9	14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

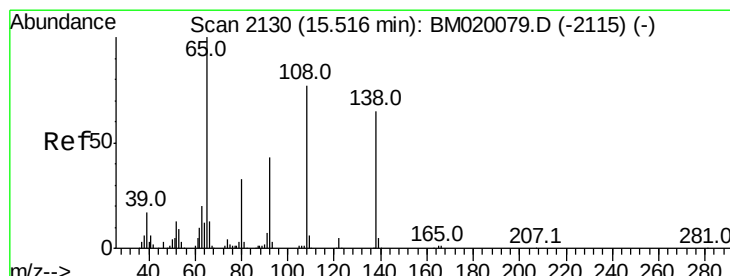
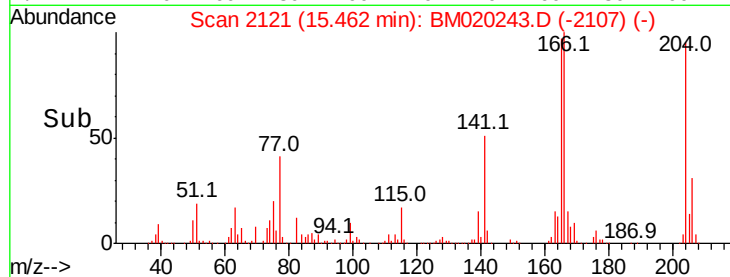
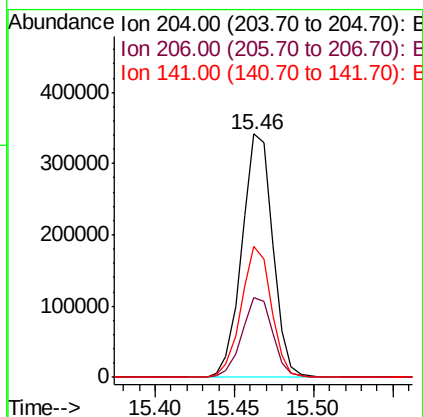
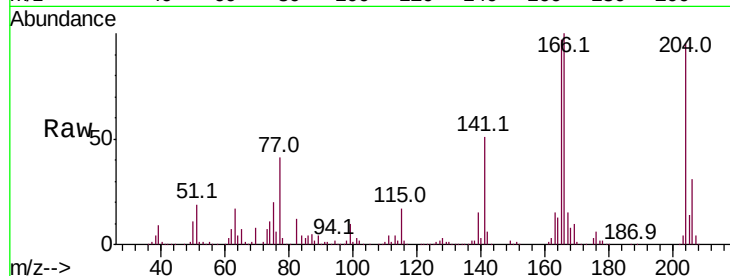




#61
 4-Chlorophenyl-phenylether
 Concen: 48.523 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

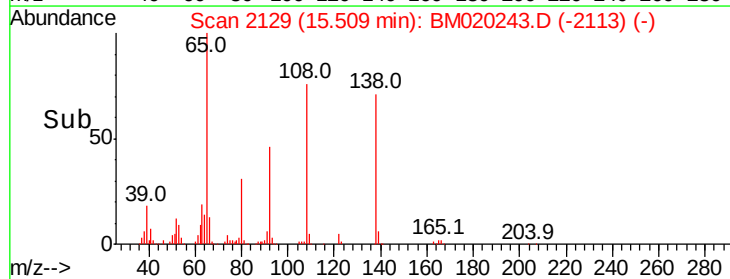
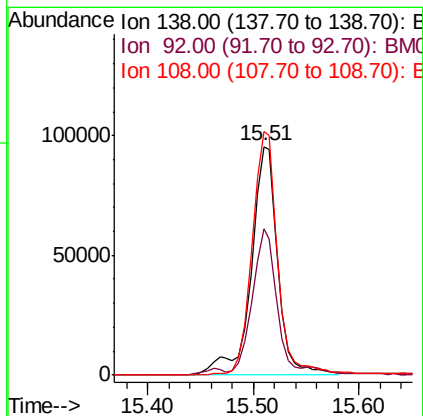
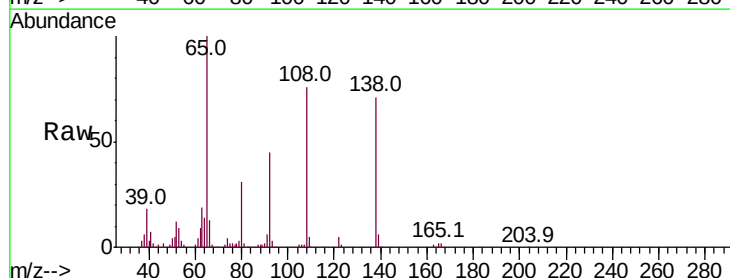
Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

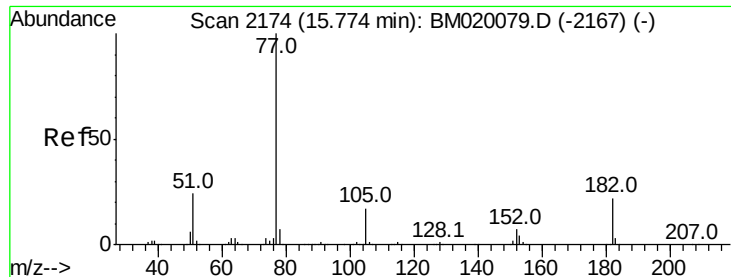
Tot Ion:	204	Resp:	461189
Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.6	38.4
141	53.9	46.1	69.1



#62
 4-Nitroaniline
 Concen: 46.033 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion:	138	Resp:	169457
Ion	Ratio	Lower	Upper
138	100		
92	63.9	45.9	85.9
108	106.5	97.7	137.7





#63

Azobenzene

Concen: 45.564 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampled :

HW-7MS

Tot Ion: 77 Resp: 924098

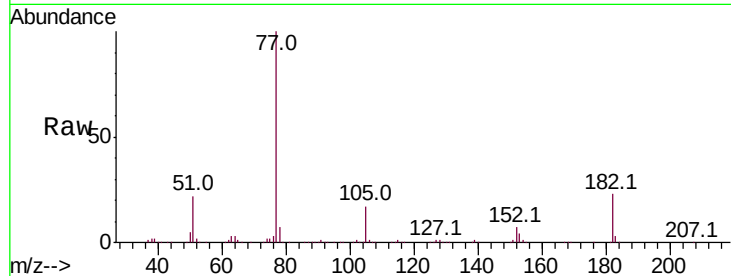
Ion Ratio Lower Upper

77 100

182 22.6 2.1 42.1

105 16.9 0.0 36.8

51 21.8 3.8 43.8

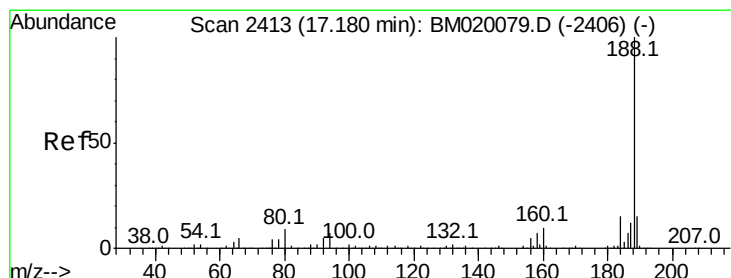
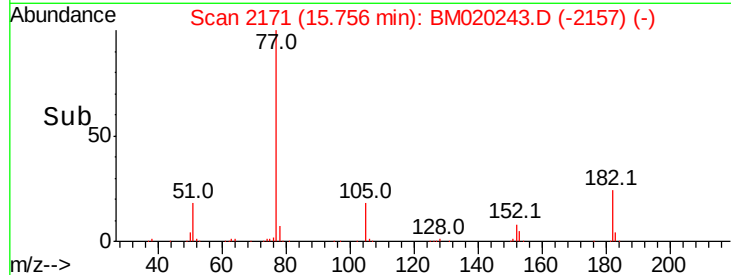
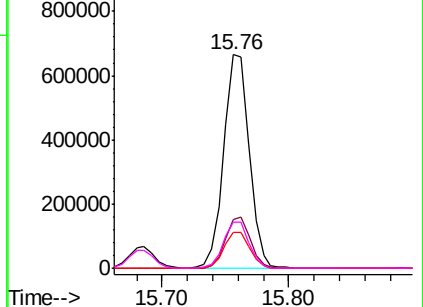


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

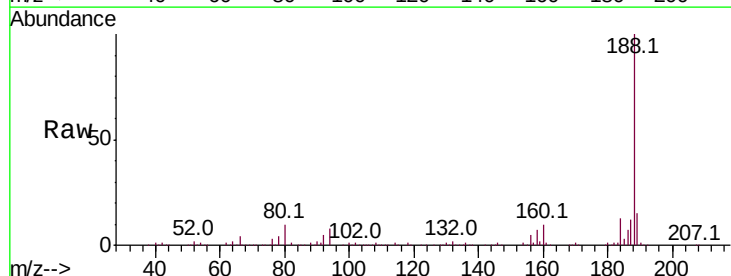
Tgt Ion: 188 Resp: 515421

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

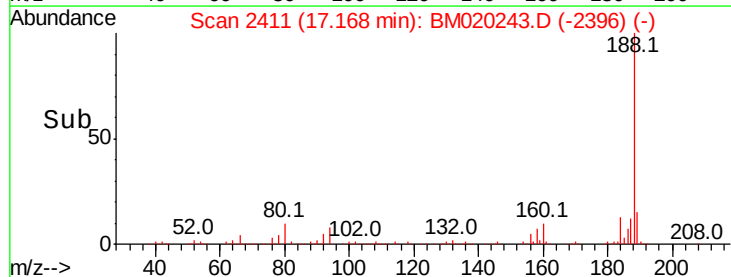
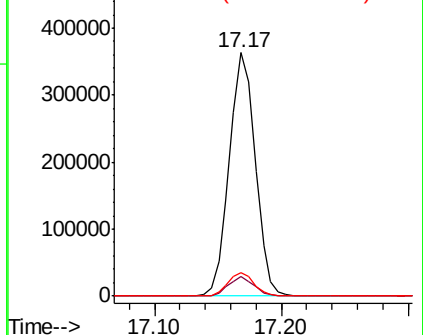
80 9.8 7.4 11.2

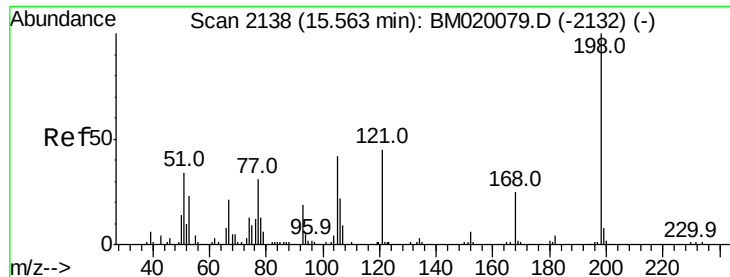


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

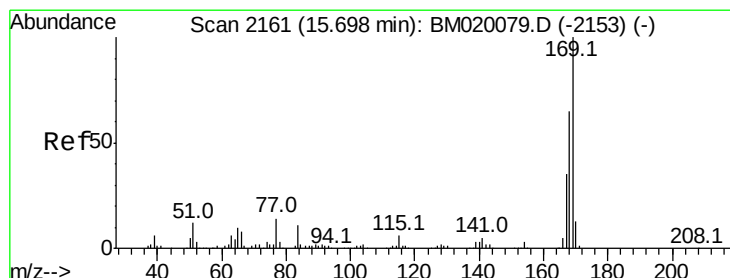
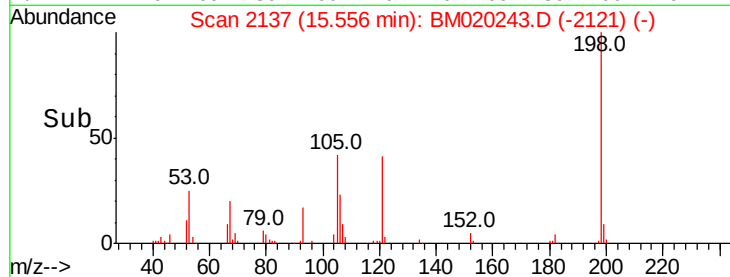
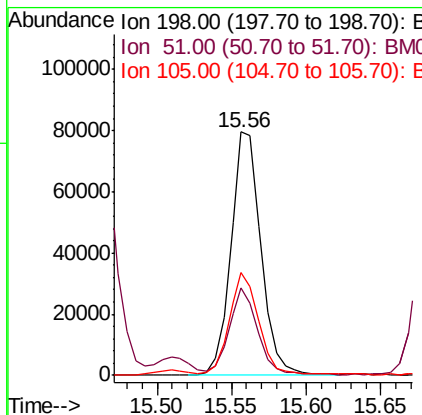
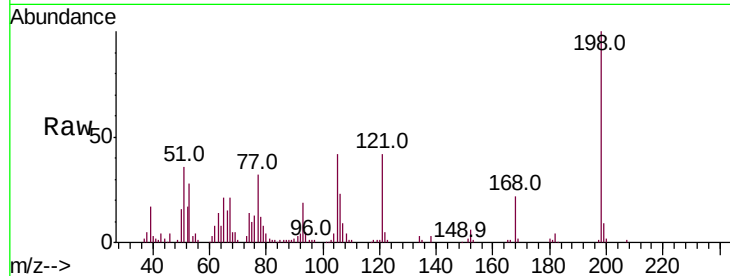




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.844 ng
 RT: 15.56 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

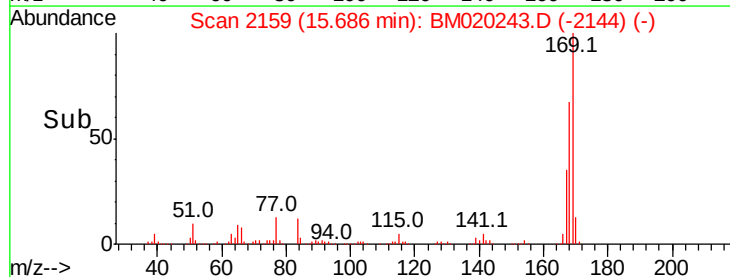
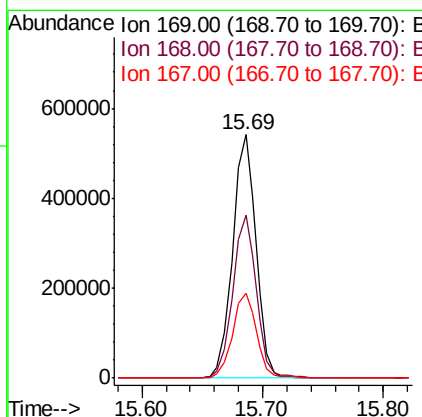
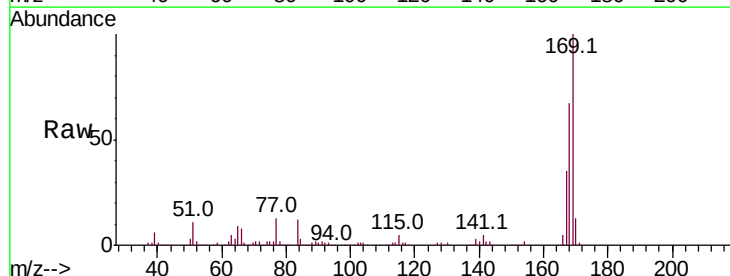
Instrument :
 BNA_M
 ClientSampled :
 HW-7MS

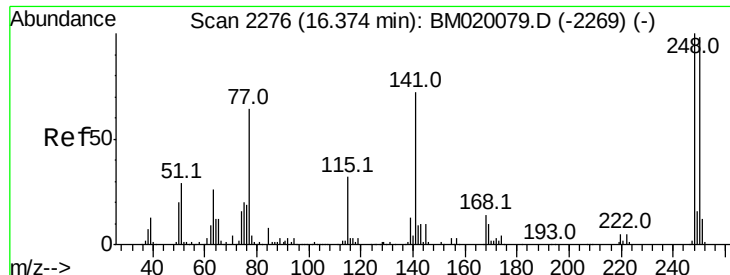
Tot Ion	Ratio	Lower	Upper
198	100		
51	36.1	16.5	56.5
105	42.0	22.8	62.8



#66
 n-Nitrosodiphenylamine
 Concen: 48.158 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	51.9	77.9
167	35.0	27.8	41.6

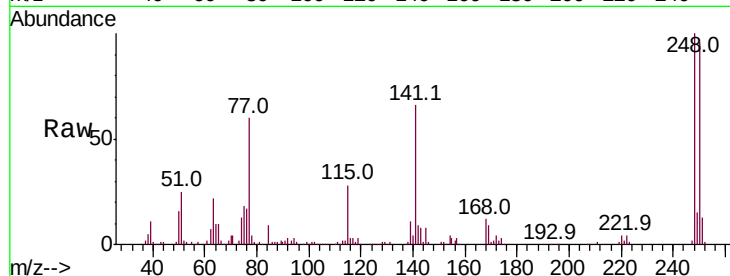




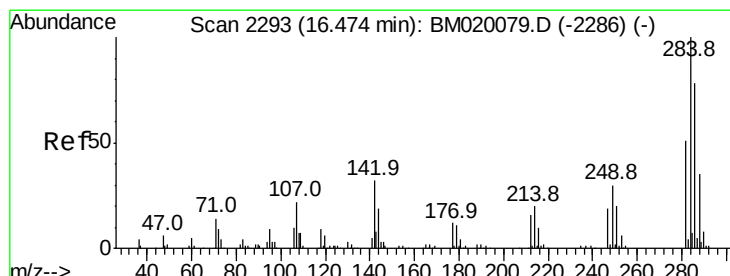
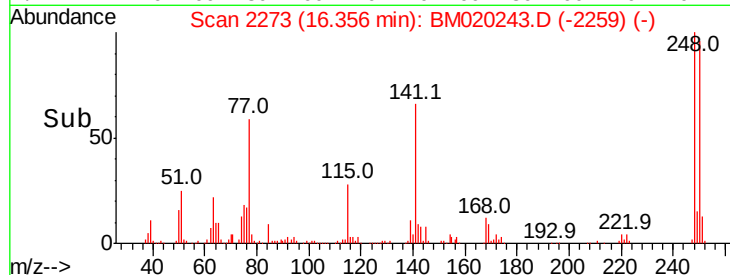
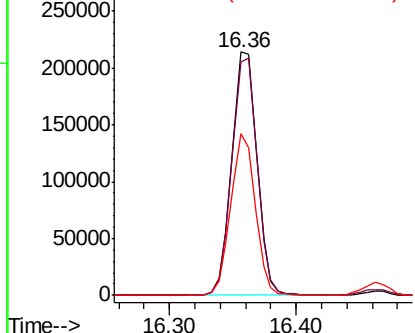
#67
 4-Bromophenyl-phenylether
 Concen: 46.643 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Tot Ion:248 Resp: 294800
 Ion Ratio Lower Upper
 248 100
 250 95.6 78.4 117.6
 141 66.3 57.4 86.2

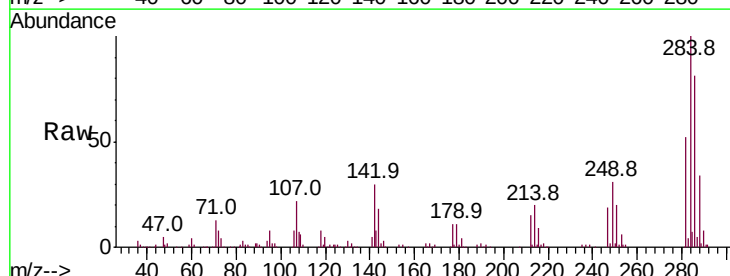


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

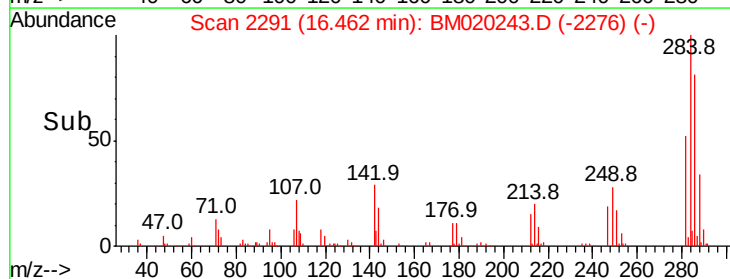
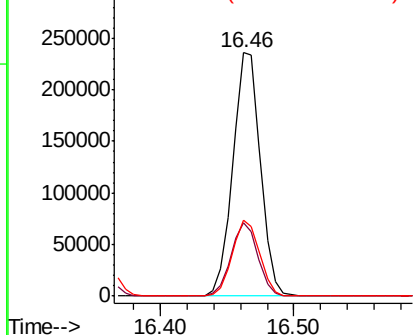


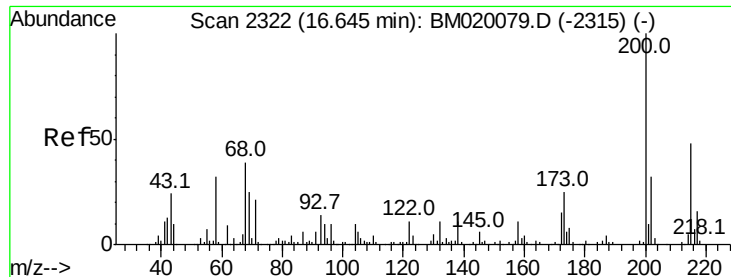
#68
 Hexachlorobenzene
 Concen: 46.682 ng
 RT: 16.46 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion:284 Resp: 339524
 Ion Ratio Lower Upper
 284 100
 142 30.0 25.2 37.8
 249 31.3 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: 41.861 ng

RT: 16.64 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

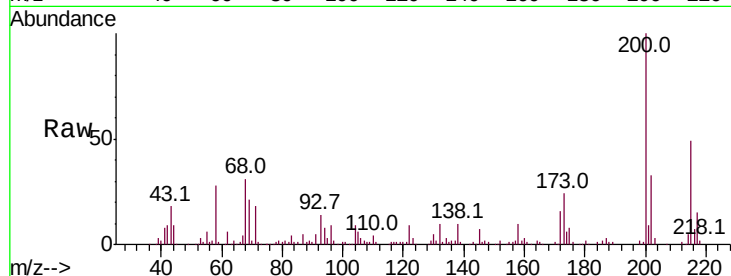
Tot Ion:200 Resp: 248110

Ion Ratio Lower Upper

200 100

173 23.7 4.6 44.6

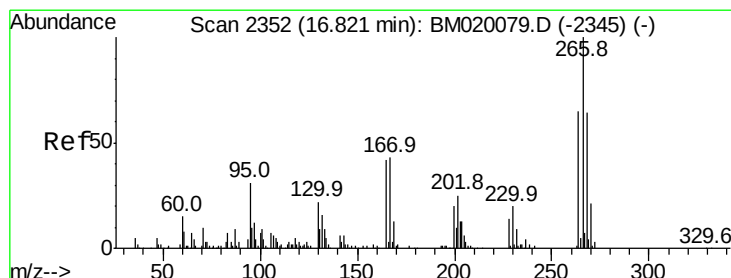
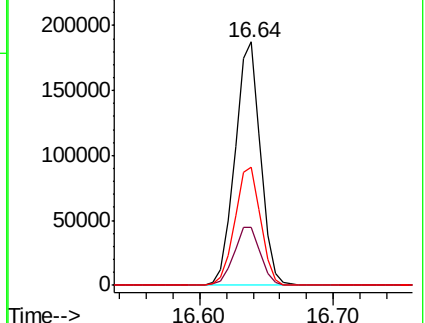
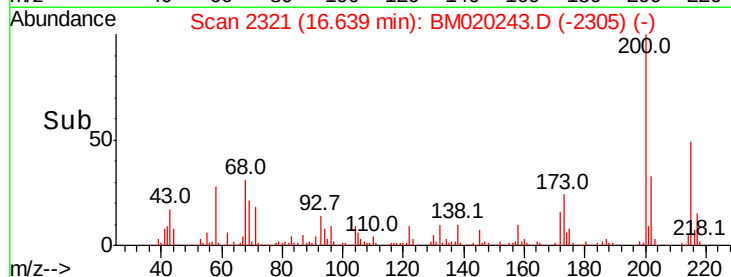
215 48.5 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 81.616 ng

RT: 16.82 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

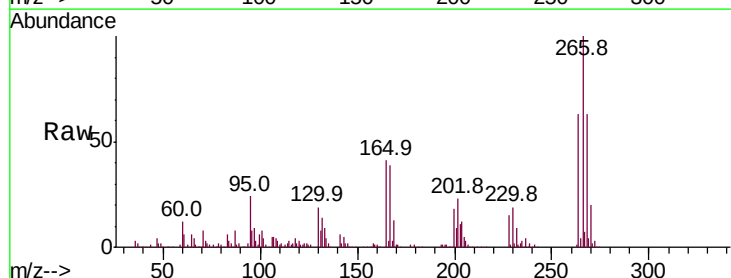
Tgt Ion:266 Resp: 339636

Ion Ratio Lower Upper

266 100

268 63.5 51.4 77.0

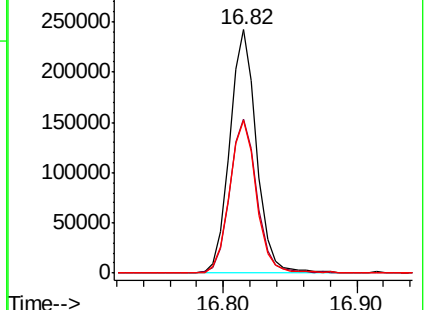
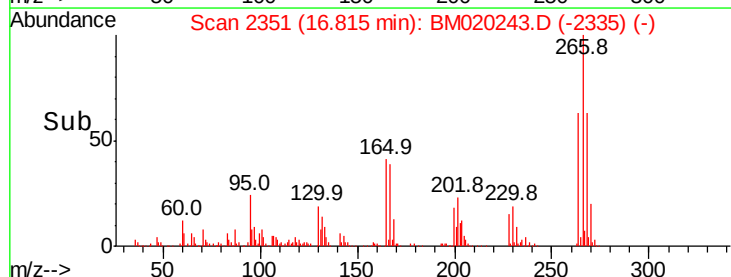
264 62.5 52.0 78.0

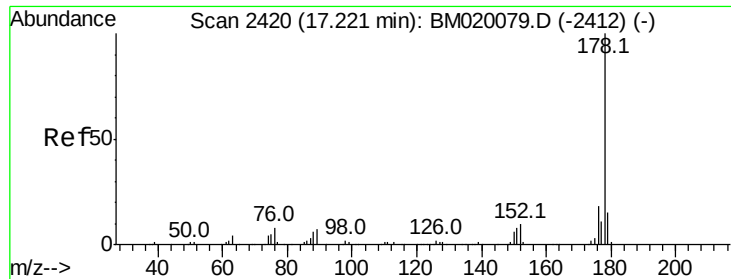


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

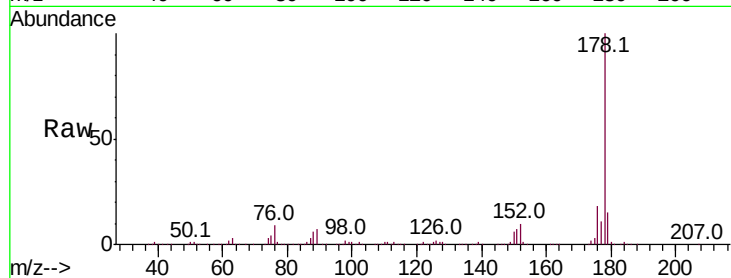




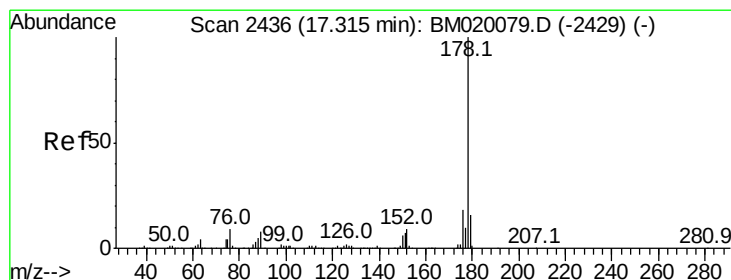
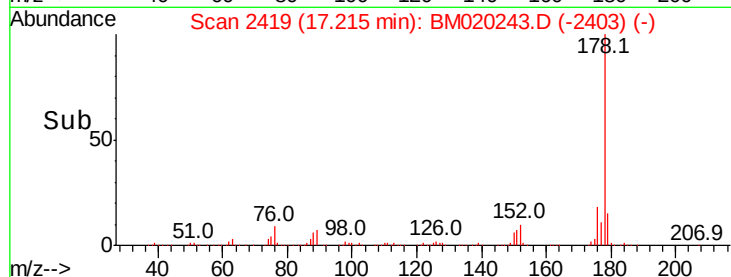
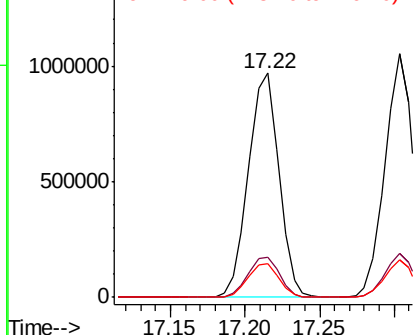
#71
Phenanthrene
Concen: 48.230 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampled :
HW-7MS

Tot Ion:178 Resp: 1372233
Ion Ratio Lower Upper
178 100
176 18.2 14.6 21.8
179 15.1 12.4 18.6

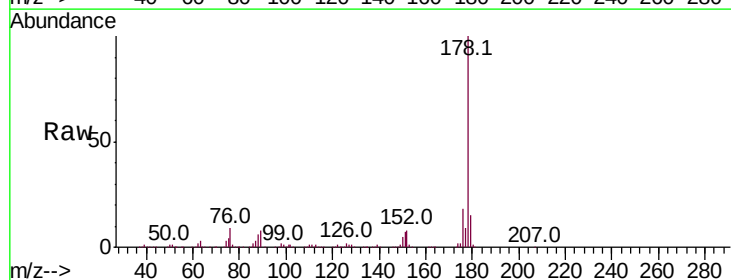


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

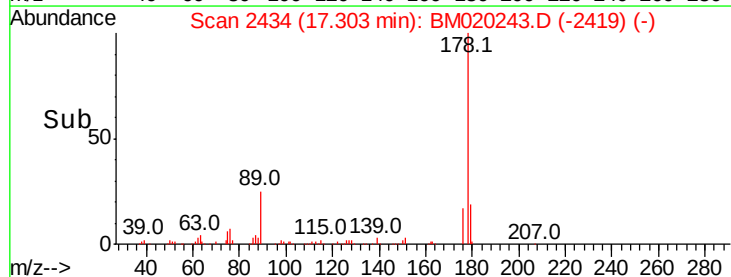
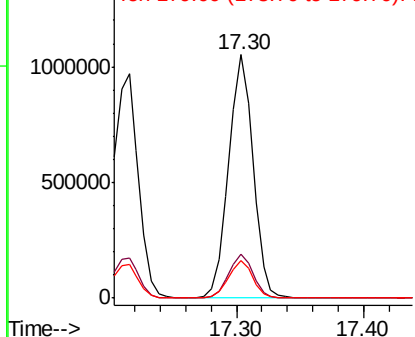


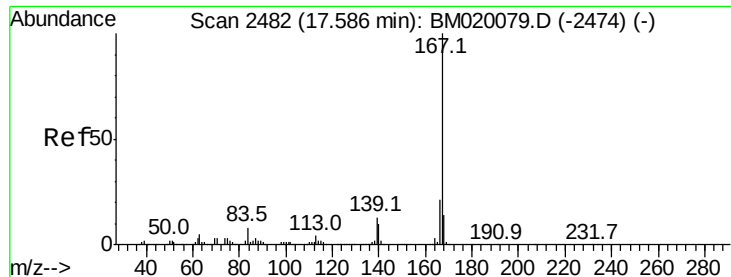
#72
Anthracene
Concen: 49.127 ng
RT: 17.30 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion:178 Resp: 1397509
Ion Ratio Lower Upper
178 100
176 18.1 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: 49.586 ng

RT: 17.58 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

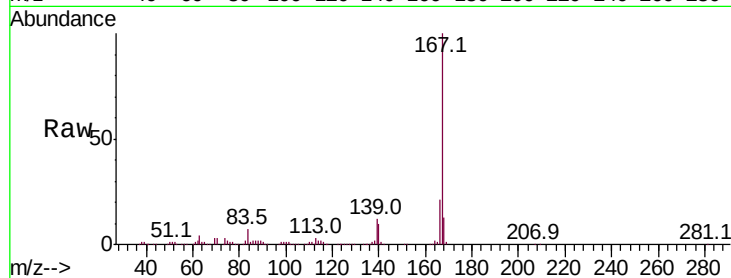
Tot Ion:167 Resp: 1272754

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.6

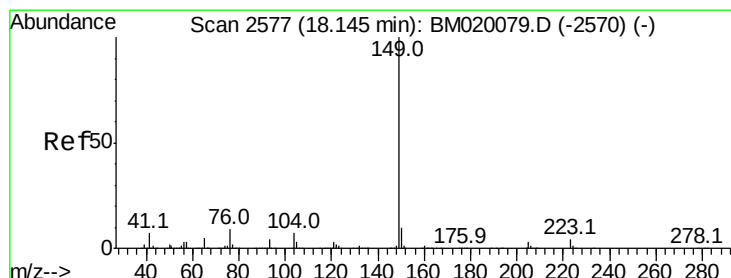
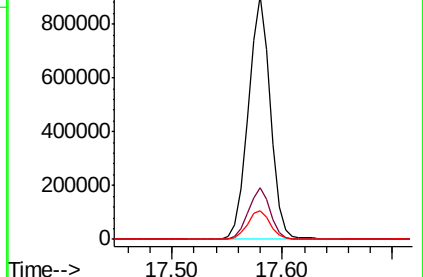
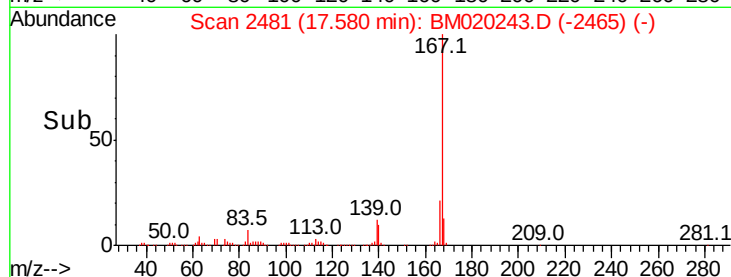
139 12.0 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.771 ng

RT: 18.13 min Scan# 2574

Delta R.T. -0.02 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

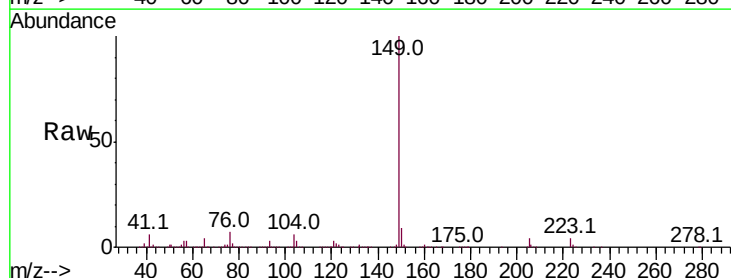
Tgt Ion:149 Resp: 1506542

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

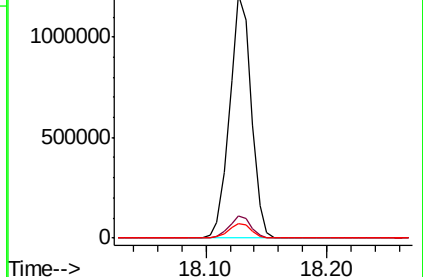
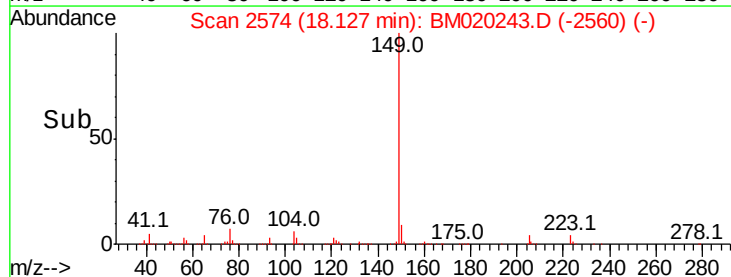
104 6.2 5.7 8.5

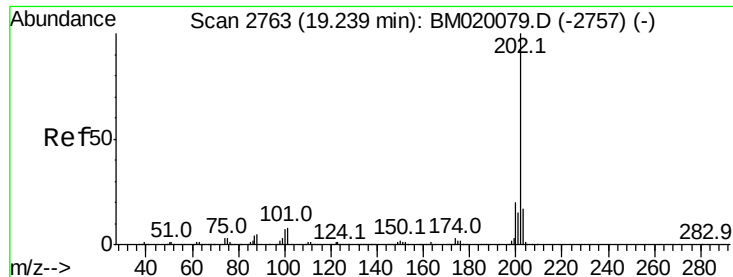


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.990 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

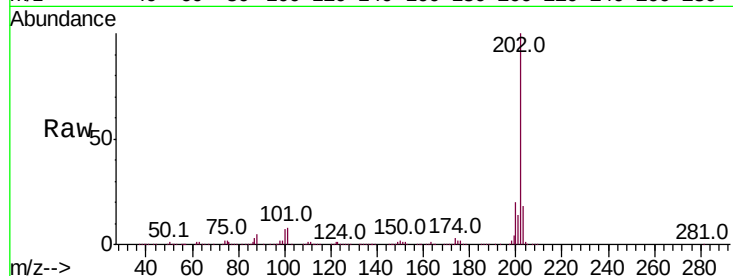
Tot Ion:202 Resp: 1799578

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	28.4
203	17.6	0.0	37.4

202 100

101 8.4 0.0 28.4

203 17.6 0.0 37.4

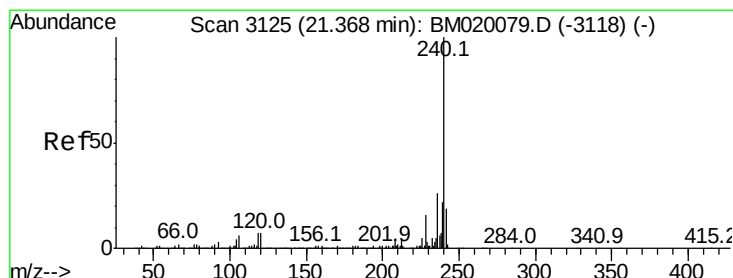
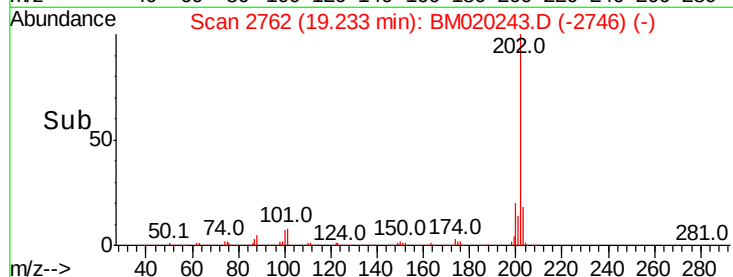
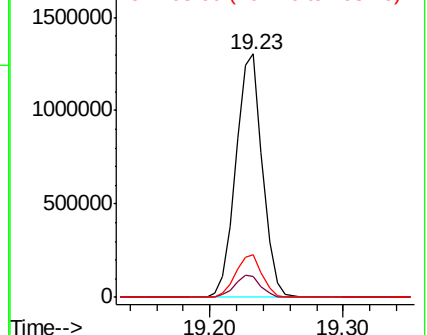


Abundance

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: BM020243.D

Acq: 10 May 2019 15:51

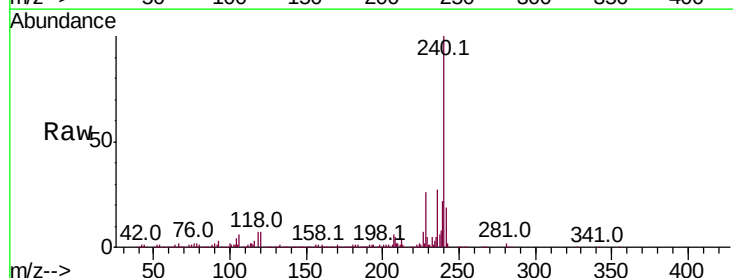
Tgt Ion:240 Resp: 589024

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.6	8.4
236	26.6	20.9	31.3

240 100

120 7.3 5.6 8.4

236 26.6 20.9 31.3

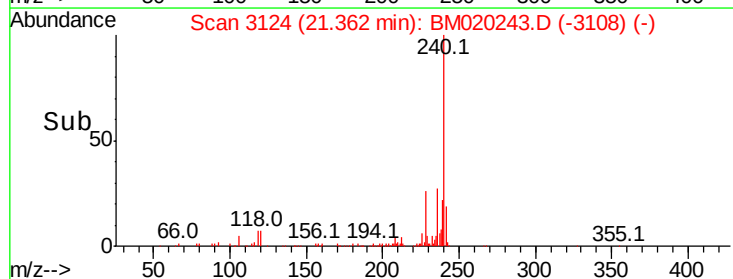
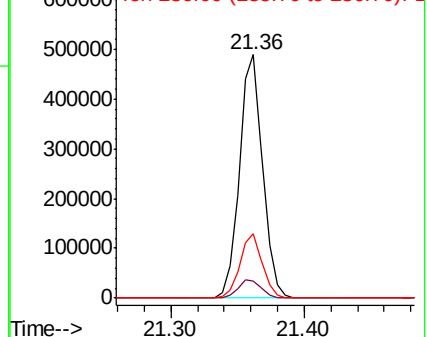


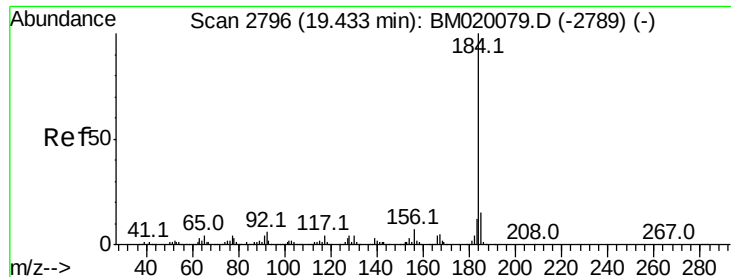
Abundance

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: 14.583 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

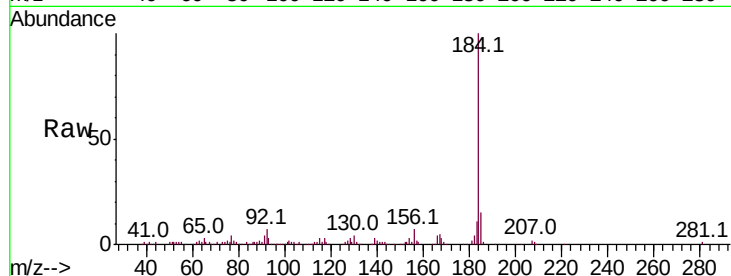
Tot Ion:184 Resp: 274626

Ion Ratio Lower Upper

184 100

185 14.5 12.0 18.0

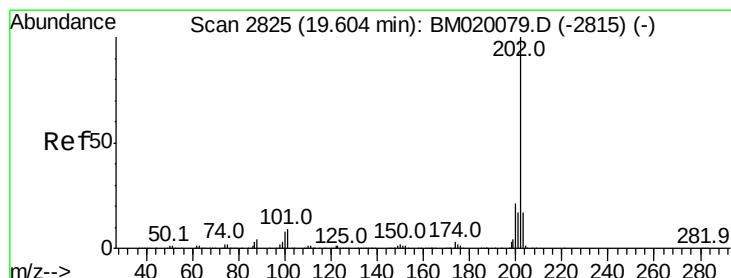
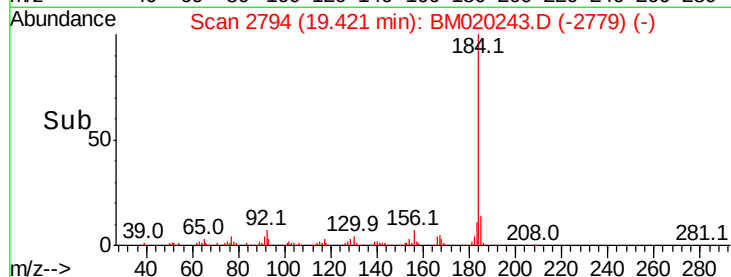
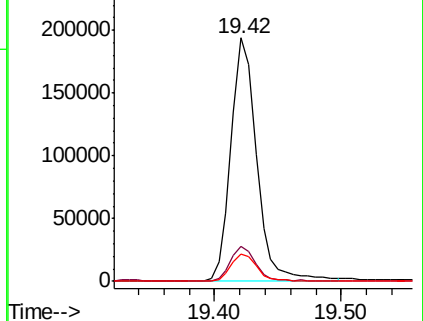
183 11.3 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.924 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

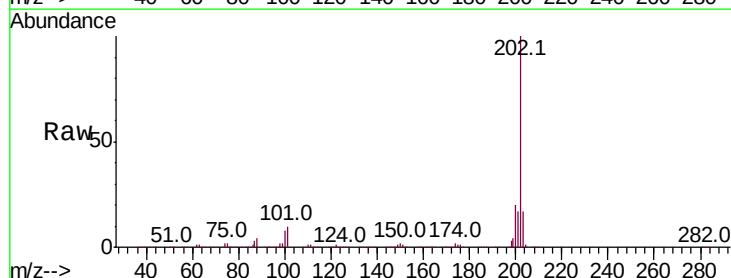
Tgt Ion:202 Resp: 1855676

Ion Ratio Lower Upper

202 100

200 19.9 16.5 24.7

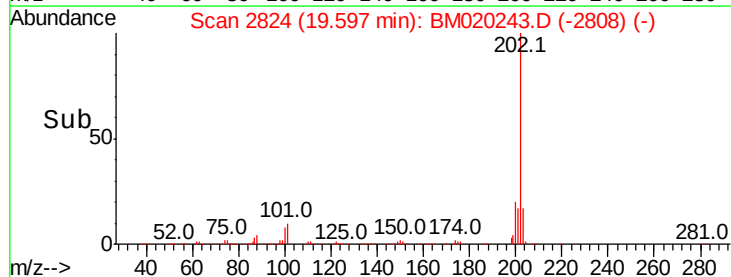
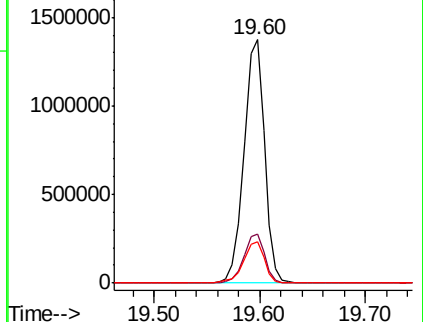
203 17.1 13.9 20.9

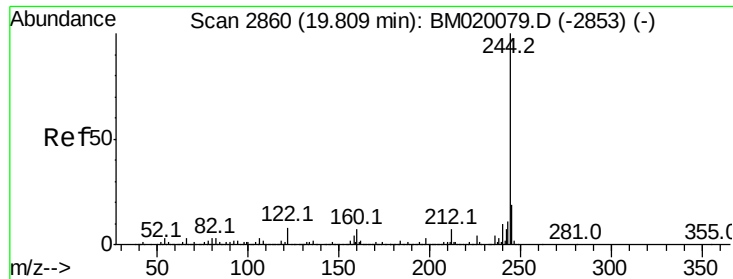


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.825 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

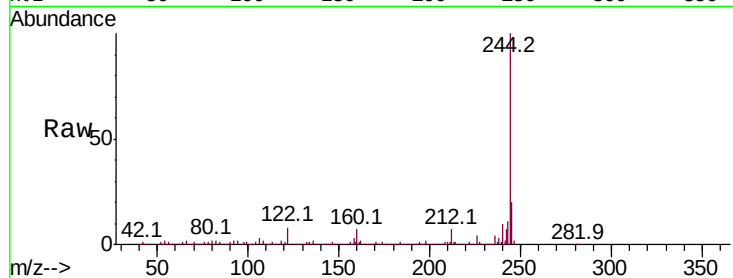
Tot Ion:244 Resp: 3100944

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

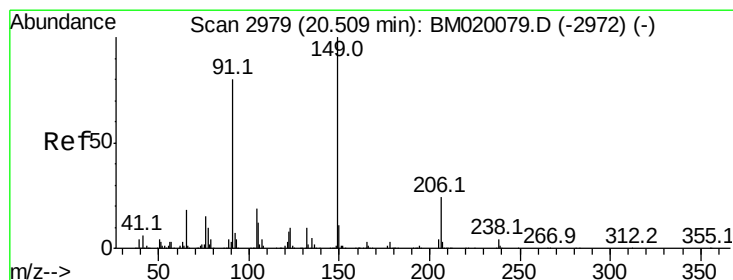
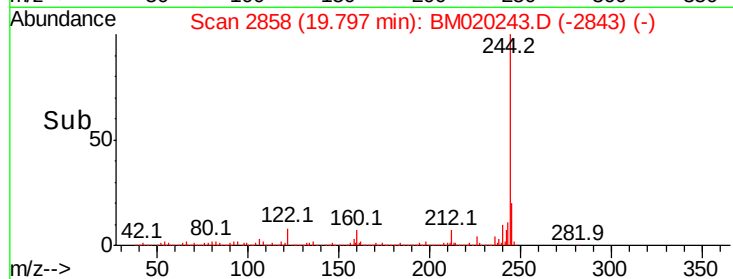
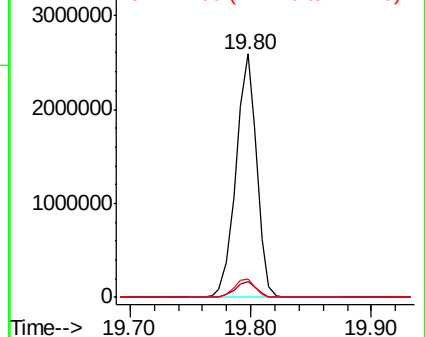
122 7.7 6.2 9.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 52.541 ng

RT: 20.49 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

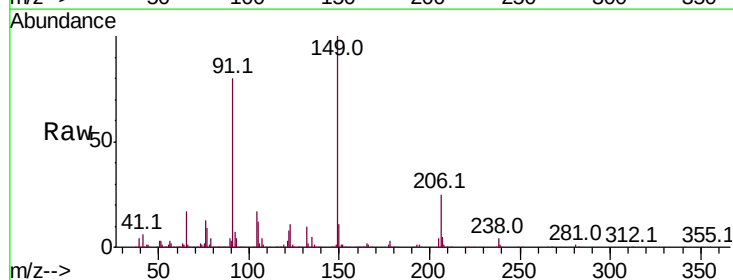
Tgt Ion:149 Resp: 755606

Ion Ratio Lower Upper

149 100

91 79.6 63.8 95.8

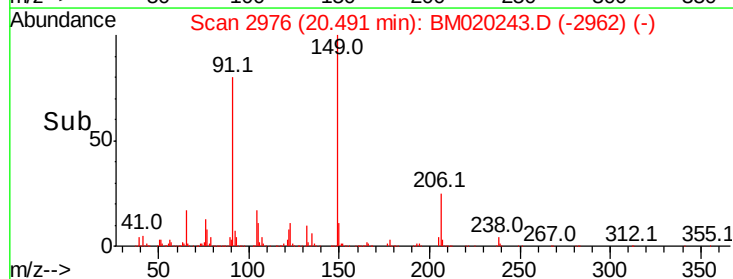
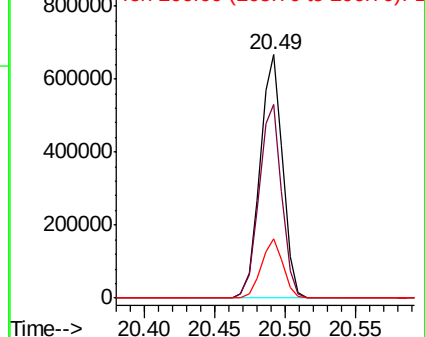
206 24.6 18.9 28.3

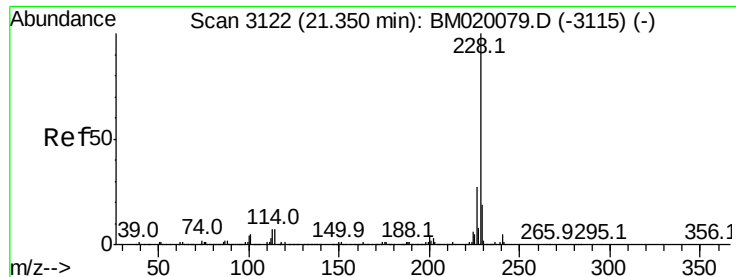


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.404 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

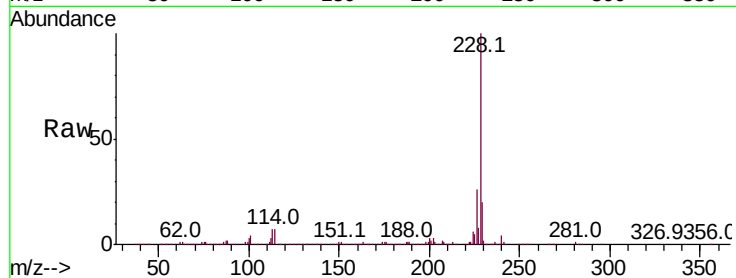
Tot Ion:228 Resp: 1916883

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.3	31.9
229	19.7	15.5	23.3

228 100

226 26.4 21.3 31.9

229 19.7 15.5 23.3

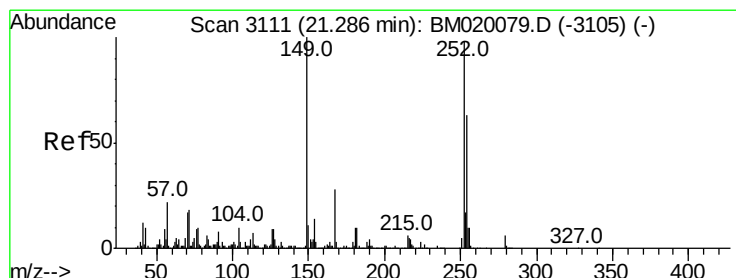
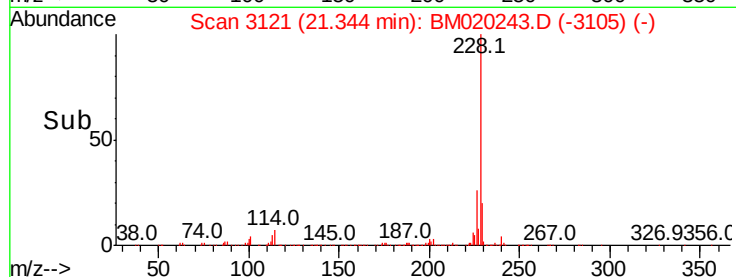
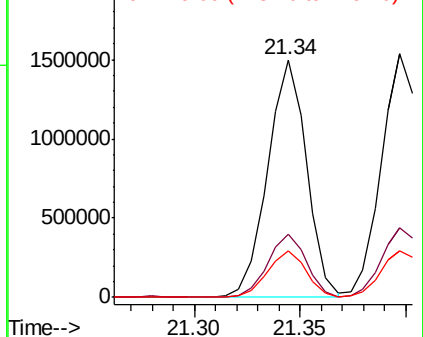


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.260 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

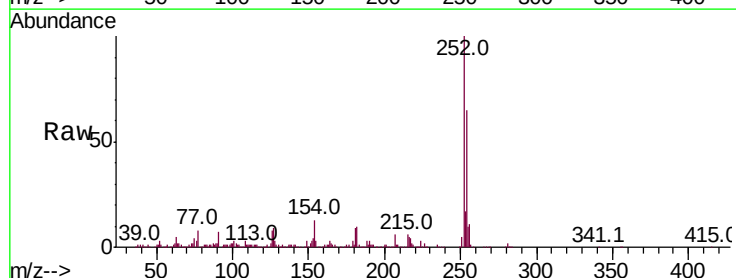
Tgt Ion:252 Resp: 524380

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.1	76.7
126	8.3	7.1	10.7

252 100

254 65.0 51.1 76.7

126 8.3 7.1 10.7

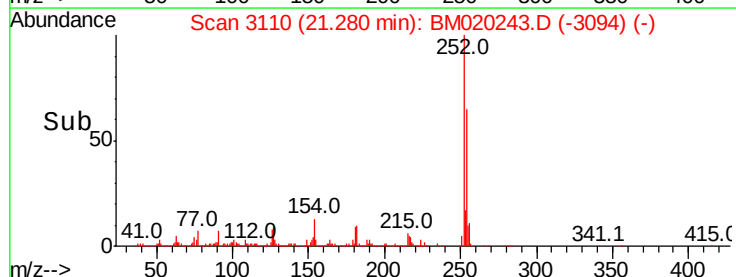
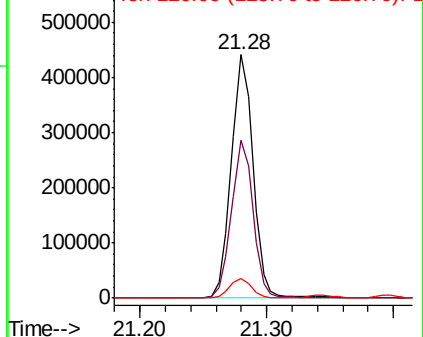


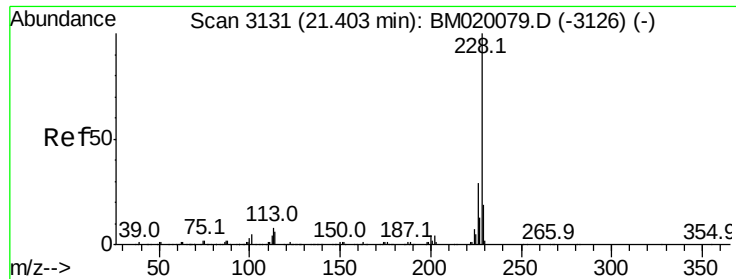
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.984 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

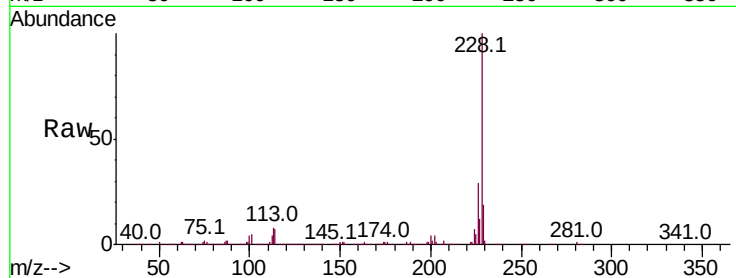
Tot Ion:228 Resp: 1922320

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	19.2	15.5	23.3

228 100

226 28.8 23.0 34.6

229 19.2 15.5 23.3

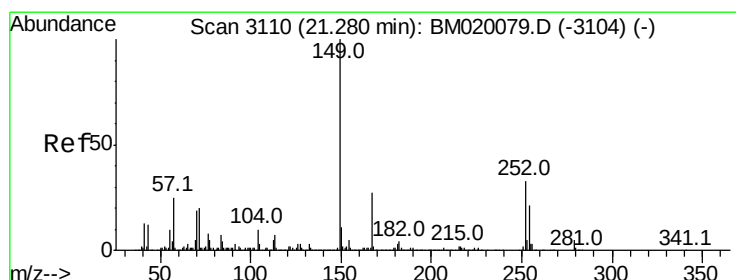
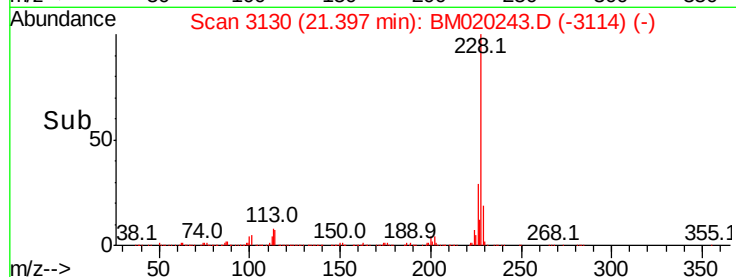
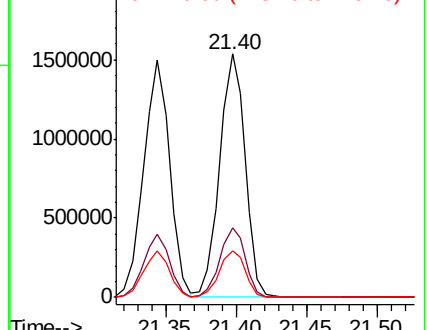


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.573 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

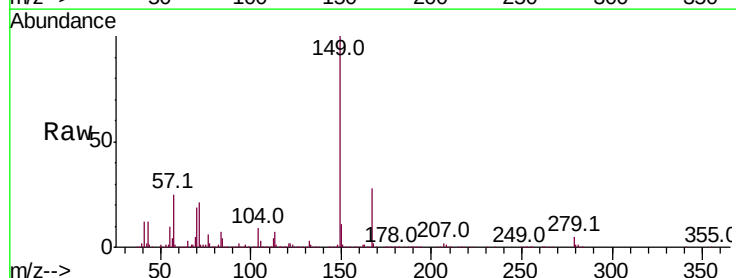
Tgt Ion:149 Resp: 1106248

Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.8	32.8
279	4.8	4.2	6.2

149 100

167 28.3 21.8 32.8

279 4.8 4.2 6.2

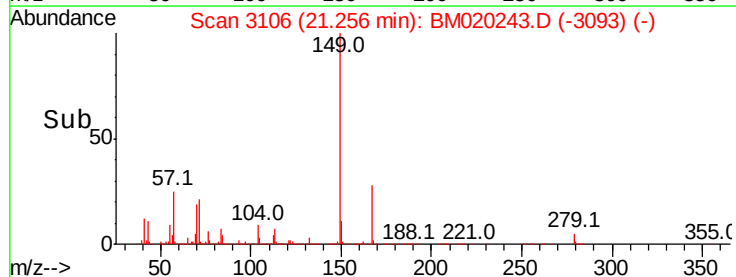
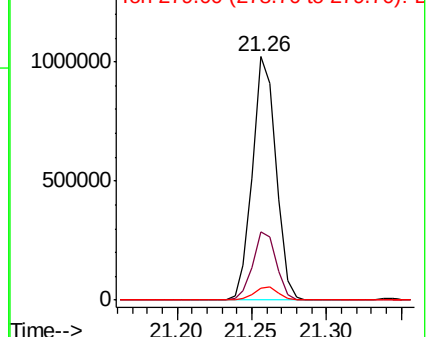


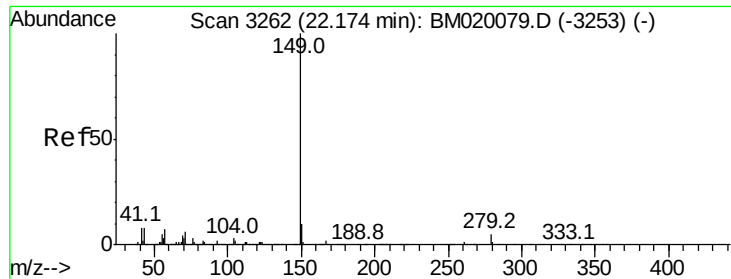
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.857 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

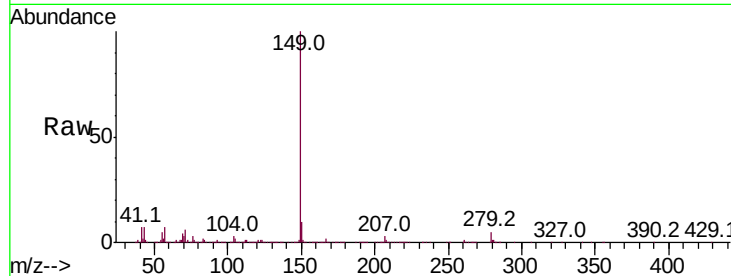
Tot Ion:149 Resp: 1960464

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

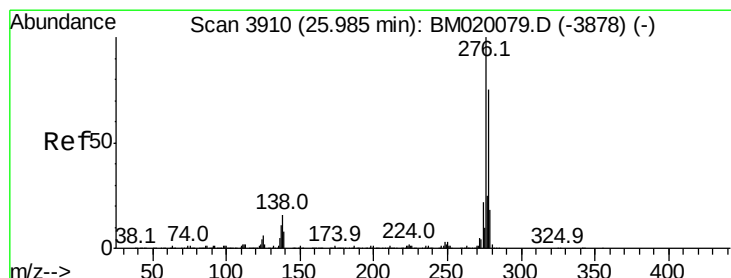
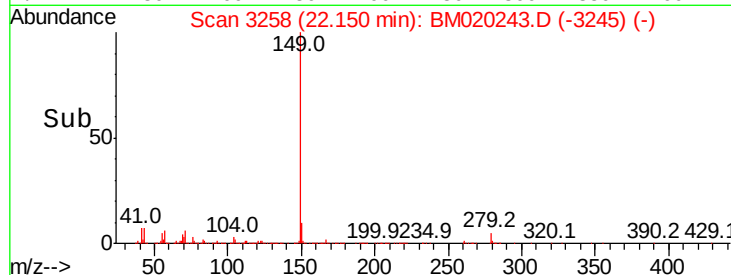
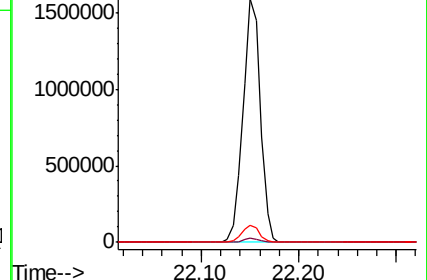
43 6.9 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.901 ng

RT: 25.99 min Scan# 3911

Delta R.T. 0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

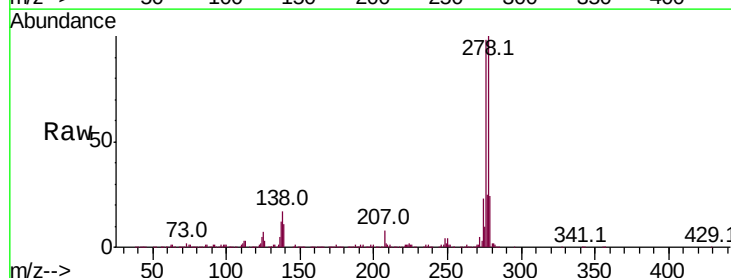
Tgt Ion:276 Resp: 2187289

Ion Ratio Lower Upper

276 100

138 17.2 0.0 0.0#

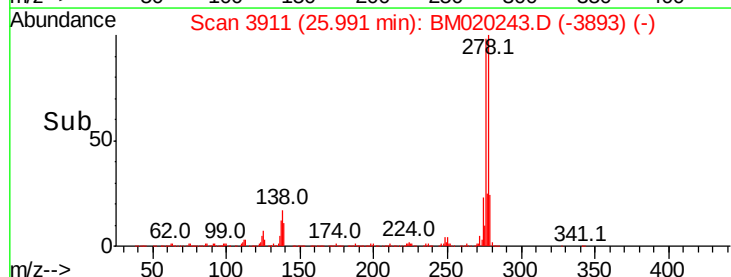
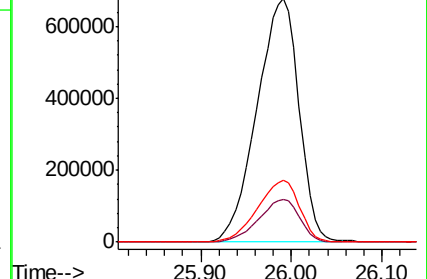
277 25.4 0.0 0.0#

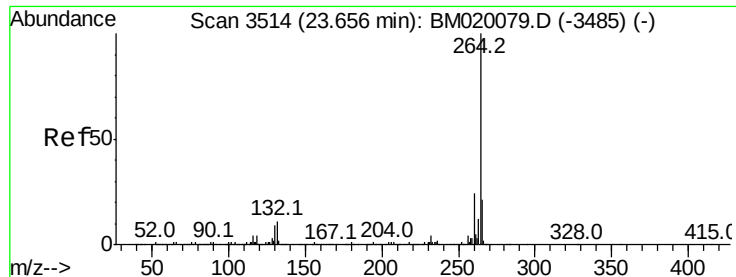


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



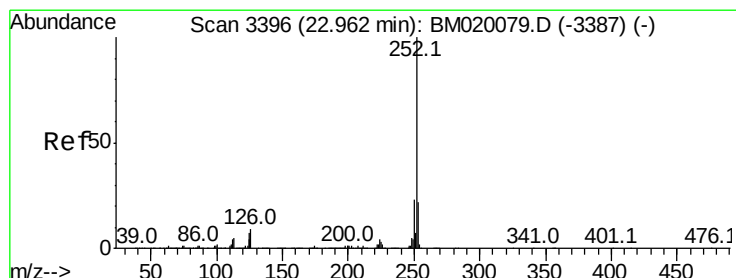
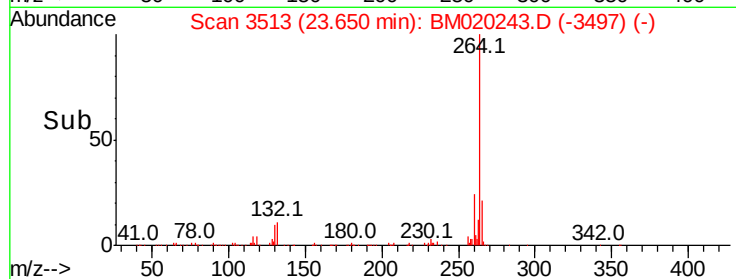
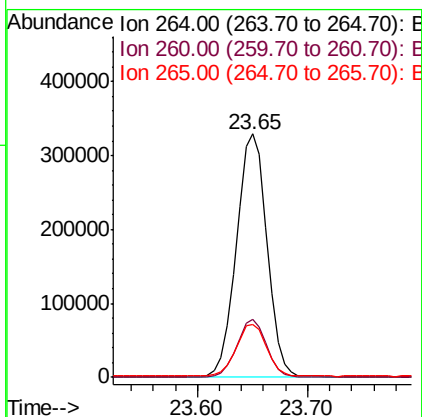
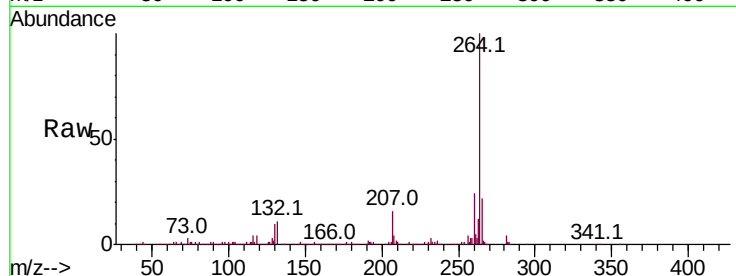


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.65 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

Tot Ion:264 Resp: 642797

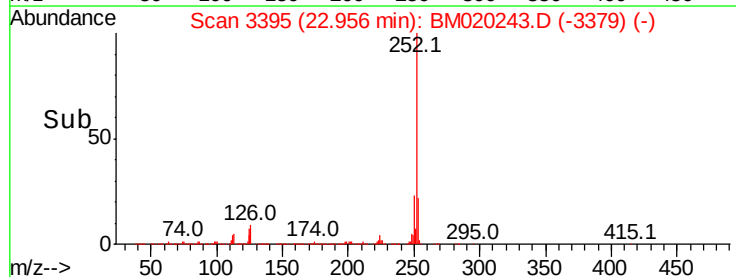
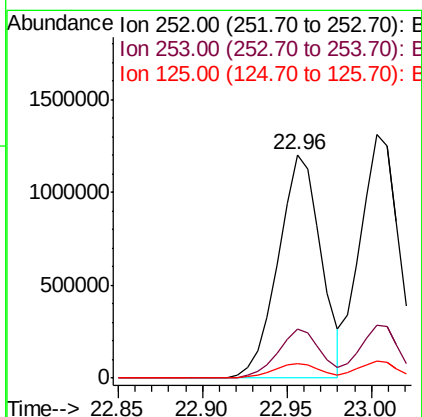
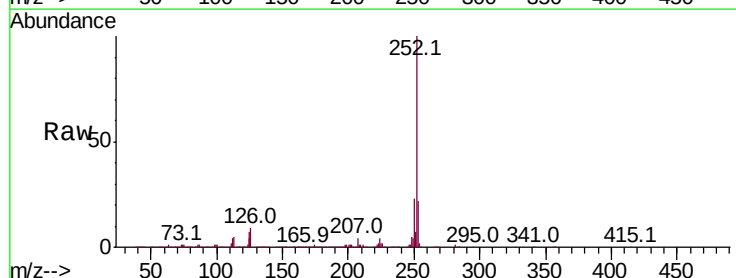
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	16.9	25.3

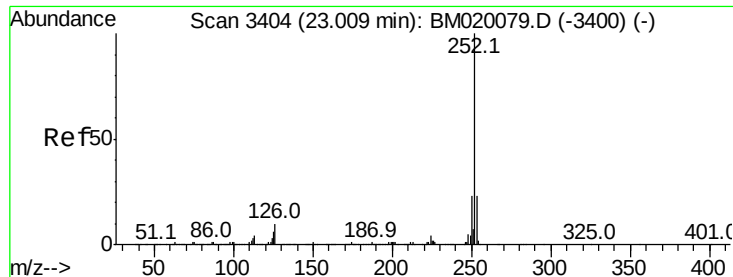


#88
Benzo(b)fluoranthene
Concen: 49.643 ng
RT: 22.96 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion:252 Resp: 2107208

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	6.7	5.4	8.2





#89

Benzo(k)fluoranthene

Concen: 53.550 ng

RT: 23.00 min Scan# 3403

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

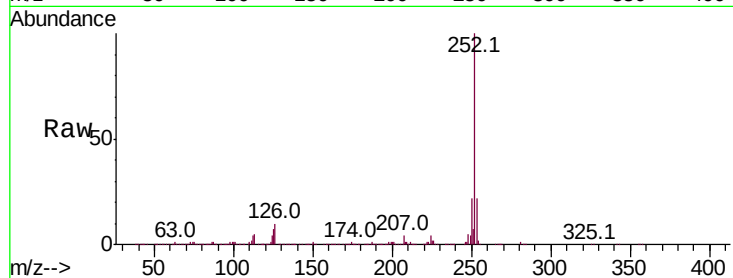
Tot Ion:252 Resp: 2073412

Ion Ratio Lower Upper

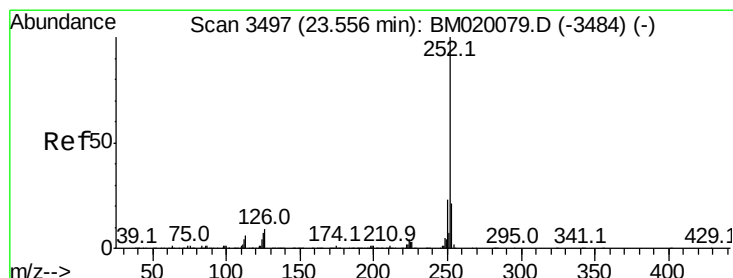
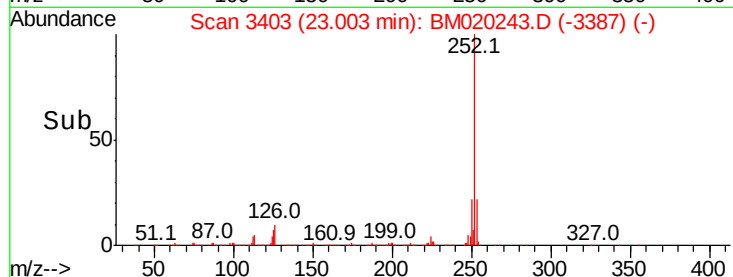
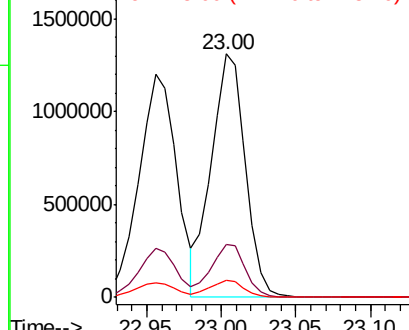
252 100

253 21.9 17.8 26.8

125 6.8 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: 51.558 ng

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

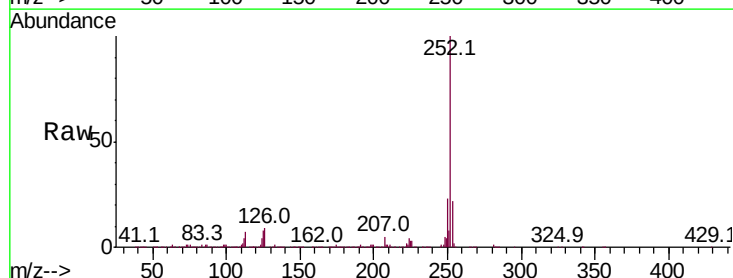
Tgt Ion:252 Resp: 1987846

Ion Ratio Lower Upper

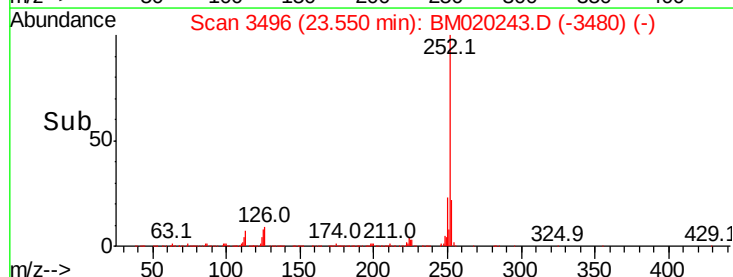
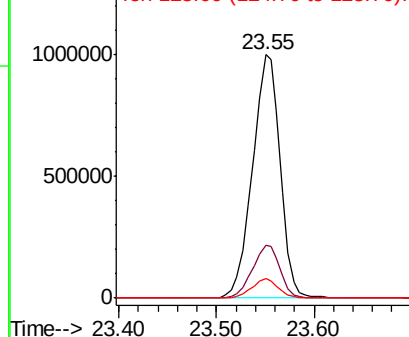
252 100

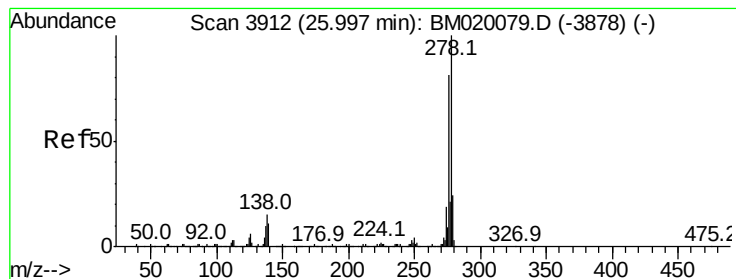
253 21.9 17.0 25.6

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: 47.709 ng

RT: 26.00 min Scan# 3912

Delta R.T. -0.00 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

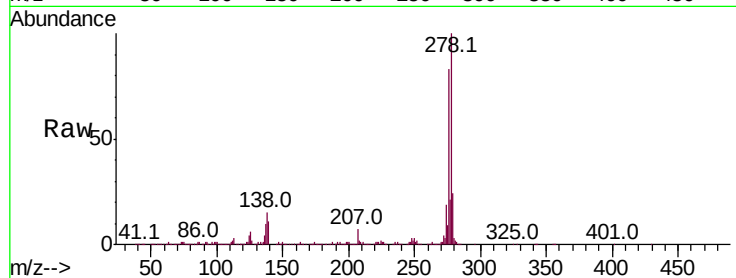
Tot Ion:278 Resp: 1912934

Ion Ratio Lower Upper

278 100

139 10.8 8.6 13.0

279 23.5 18.8 28.2

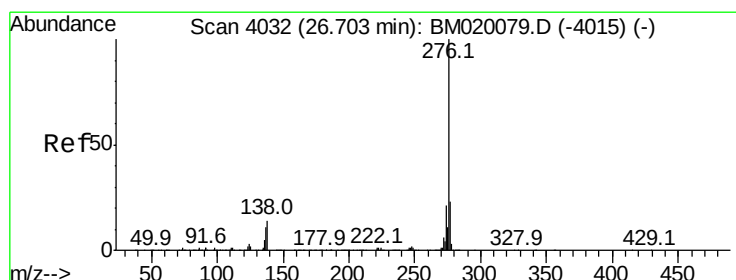
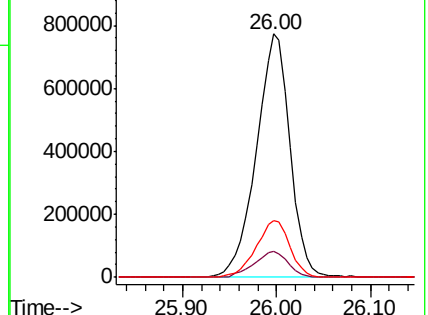
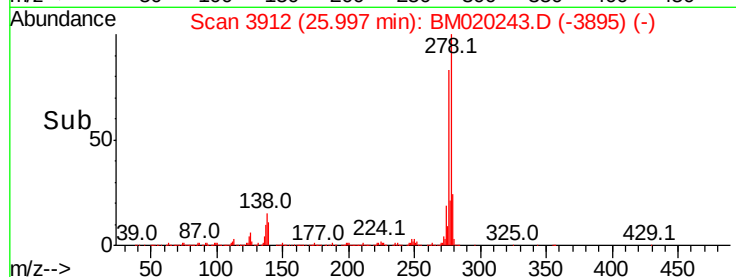


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.040 ng

RT: 26.71 min Scan# 4033

Delta R.T. 0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

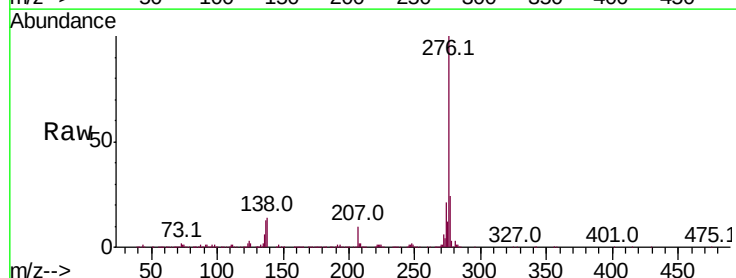
Tgt Ion:276 Resp: 1714539

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 13.9 11.1 16.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

