

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020219.D
 Acq On : 09 May 2019 16:15
 Operator : JU/SJ
 Sample : K2729-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-3MS

Quant Time: May 10 05:14:48 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	7.78	152	110489	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	400003	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	250177	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	591995	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	622945	20.00	ng	-0.01
87) Perylene-d12	23.64	264	706405	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1101187	162.91	ng	0.00
7) Phenol-d6	6.95	99	1514093	163.96	ng	0.00
23) Nitrobenzene-d5	8.95	82	1053551	103.98	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	689414	177.54	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1916195	94.24	ng	-0.02
79) Terphenyl-d14	19.80	244	3397288	95.12	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	149214	45.010	ng	92
3) Pyridine	3.69	79	398546	47.006	ng	96
4) n-Nitrosodimethylamine	3.62	42	125268	46.074	ng	# 66
6) Aniline	7.12	93	277893	23.906	ng	98
8) 2-Chlorophenol	7.35	128	386593	52.526	ng	96
9) Benzaldehyde	6.93	77	241424	34.543	ng	97
10) Phenol	6.98	94	571682	57.507	ng	93
11) bis(2-Chloroethyl)ether	7.21	93	384253	53.181	ng	94
12) 1,3-Dichlorobenzene	7.66	146	424666	49.591	ng	97
13) 1,4-Dichlorobenzene	7.81	146	429505	49.650	ng	97
14) 1,2-Dichlorobenzene	8.13	146	409434	49.679	ng	97
15) Benzyl Alcohol	8.02	79	427637	48.026	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	286803	47.870	ng	97
17) 2-Methylphenol	8.22	107	333005	52.037	ng	95
18) Hexachloroethane	8.85	117	170985	47.404	ng	98
19) n-Nitroso-di-n-propylamine	8.58	70	374783	47.438	ng	95
20) 3+4-Methylphenols	8.55	107	445572	52.389	ng	95
22) Acetophenone	8.60	105	596820	54.593	ng	# 96
24) Nitrobenzene	8.99	77	535636	50.989	ng	95
25) Isophorone	9.50	82	945231	54.100	ng	99
26) 2-Nitrophenol	9.69	139	208766	65.827	ng	93
27) 2,4-Dimethylphenol	9.75	122	335193	63.484	ng	98
28) bis(2-Chloroethoxy)methane	9.99	93	516239	54.250	ng	99
29) 2,4-Dichlorophenol	10.22	162	388078	58.289	ng	96
30) 1,2,4-Trichlorobenzene	10.43	180	440152	53.728	ng	99
31) Naphthalene	10.62	128	1143415	55.084	ng	99
32) Benzoic acid	9.83	122	40004	15.793	ng	97
33) 4-Chloroaniline	10.74	127	145235	16.999	ng	97
34) Hexachlorobutadiene	10.89	225	284302	49.058	ng	98
35) Caprolactam	11.55	113	122282m	61.424	ng	
36) 4-Chloro-3-methylphenol	11.86	107	425718	54.412	ng	96
37) 2-Methylnaphthalene	12.23	142	833776	55.096	ng	96
38) 1-Methylnaphthalene	12.46	142	799385	54.020	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	512923	52.404	ng	99

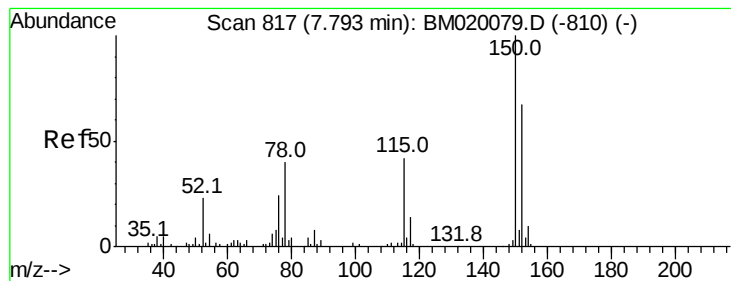
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020219.D
 Acq On : 09 May 2019 16:15
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	653560	113.403	ng	99
43) 2,4,6-Trichlorophenol	12.85	196	344297	61.894	ng	98
44) 2,4,5-Trichlorophenol	12.92	196	370042	59.546	ng	97
46) 1,1'-Biphenyl	13.25	154	1087247	52.800	ng	98
47) 2-Chloronaphthalene	13.30	162	863634	52.529	ng	98
48) 2-Nitroaniline	13.51	65	310125	52.983	ng	96
49) Acenaphthylene	14.15	152	1337124	50.818	ng	99
50) Dimethylphthalate	13.88	163	1350584	63.518	ng	100
51) 2,6-Dinitrotoluene	14.01	165	247342	55.229	ng	91
52) Acenaphthene	14.49	154	810120	53.690	ng	99
53) 3-Nitroaniline	14.35	138	124844	30.035	ng	94
54) 2,4-Dinitrophenol	14.55	184	227596	99.186	ng	90
55) Dibenzofuran	14.82	168	1338010	52.571	ng	98
56) 4-Nitrophenol	14.65	139	394325	111.190	ng	88
57) 2,4-Dinitrotoluene	14.80	165	343008	56.366	ng	# 92
58) Fluorene	15.47	166	1098272	52.542	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	350260	59.311	ng	96
60) Diethylphthalate	15.25	149	1112628	51.938	ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	609256	51.443	ng	92
62) 4-Nitroaniline	15.51	138	231442	50.455	ng	94
63) Azobenzene	15.76	77	1187751	46.998	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	195391	62.816	ng	98
66) n-Nitrosodiphenylamine	15.69	169	945644	54.286	ng	98
67) 4-Bromophenyl-phenylether	16.36	248	378072	52.080	ng	94
68) Hexachlorobenzene	16.47	284	433704	51.918	ng	97
69) Atrazine	16.64	200	376391	55.290	ng	99
70) Pentachlorophenol	16.82	266	569988	119.253	ng	97
71) Phenanthrene	17.22	178	2072108	63.409	ng	100
72) Anthracene	17.30	178	1831639	56.060	ng	99
73) Carbazole	17.58	167	1600266	54.281	ng	99
74) Di-n-butylphthalate	18.13	149	1870948	52.734	ng	98
75) Fluoranthene	19.23	202	2551609	61.712	ng	100
77) Benzidine	19.43	184	907387	45.561	ng	98
78) Pyrene	19.60	202	2541357	60.763	ng	99
80) Butylbenzylphthalate	20.49	149	890267	58.534	ng	97
81) Benzo(a)anthracene	21.34	228	2317881	53.056	ng	100
82) 3,3'-Dichlorobenzidine	21.28	252	535547	32.119	ng	100
83) Chrysene	21.40	228	2298415	54.248	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1305515	55.316	ng	99
85) Di-n-octyl phthalate	22.15	149	2255949	57.512	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	2869506	56.938	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	2437831	52.261	ng	99
89) Benzo(k)fluoranthene	23.00	252	2408301	56.598	ng	98
90) Benzo(a)pyrene	23.54	252	2413807	56.969	ng	98
91) Dibenzo(a,h)anthracene	25.99	278	2408670	54.663	ng	99
92) Benzo(g,h,i)perylene	26.70	276	2409066	57.586	ng	99

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

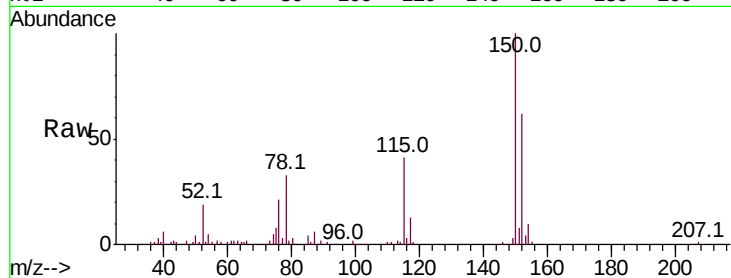


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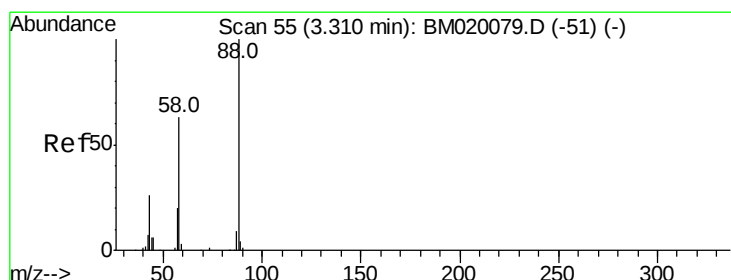
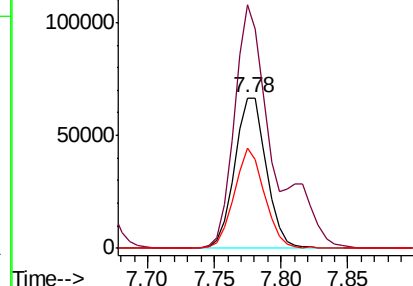
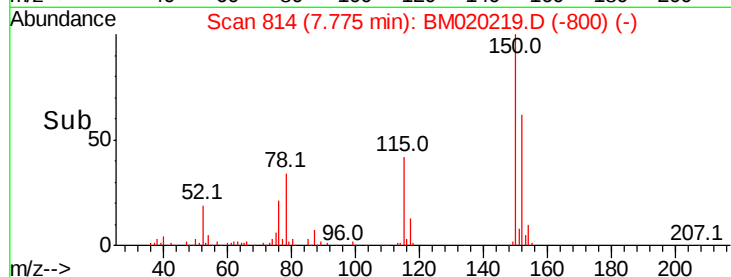
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.78 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BM020219.D
 Acq: 09 May 2019 16:15

Instrument :
 BNA_M
 ClientSampleId :
 B-3MS

Tot Ion:152 Resp: 110489
 Ion Ratio Lower Upper
 152 100
 150 161.9 119.8 179.8
 115 66.5 50.8 76.2



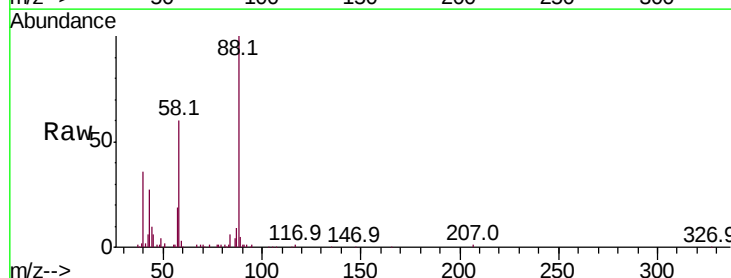
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



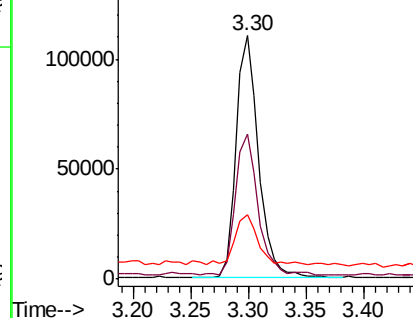
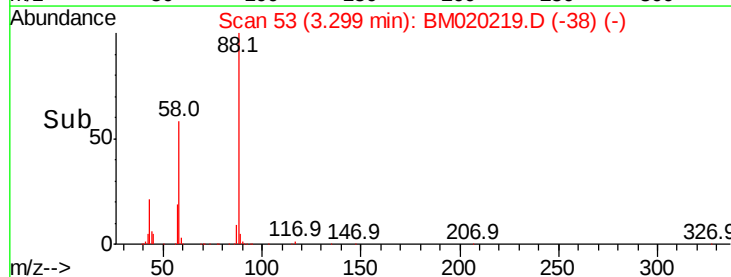
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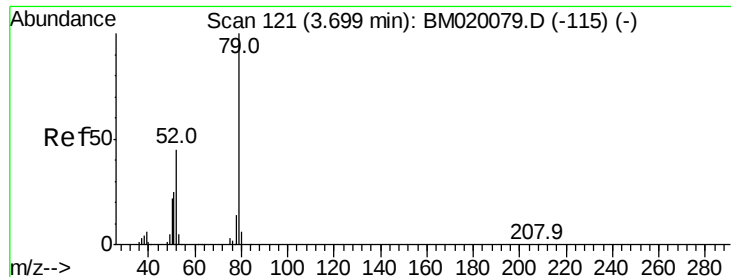
1,4-Dioxane
 Concen: 45.010 ng
 RT: 3.30 min Scan# 53
 Delta R.T. -0.01 min
 Lab File: BM020219.D
 Acq: 09 May 2019 16:15

Tgt Ion: 88 Resp: 149214
 Ion Ratio Lower Upper
 88 100
 58 58.7 51.8 77.6
 43 21.4 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: 47.006 ng

RT: 3.69 min Scan# 120

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

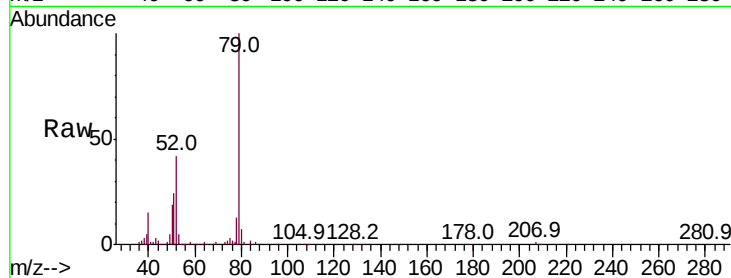
Tot Ion: 79 Resp: 398546

Ion Ratio Lower Upper

79 100

52 41.7 35.7 53.5

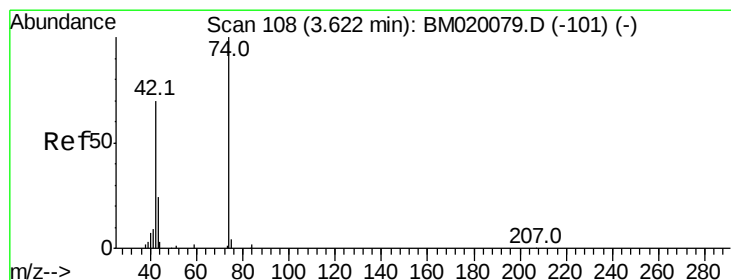
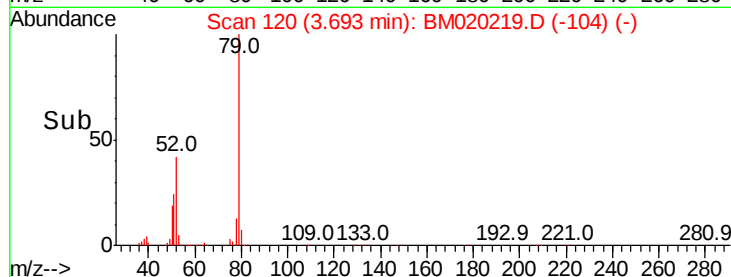
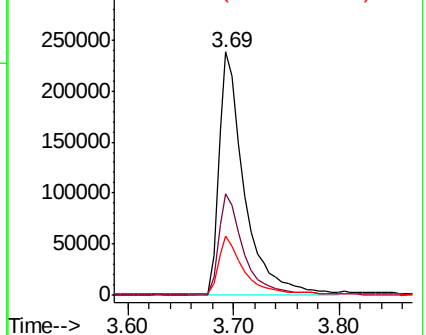
51 24.2 20.8 31.2



Abundance Ion 79.00 (78.70 to 79.70): BM0

Ion 52.00 (51.70 to 52.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 46.074 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

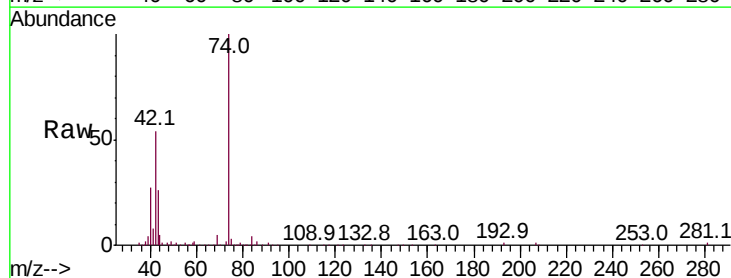
Tgt Ion: 42 Resp: 125268

Ion Ratio Lower Upper

42 100

74 184.7 113.7 170.5#

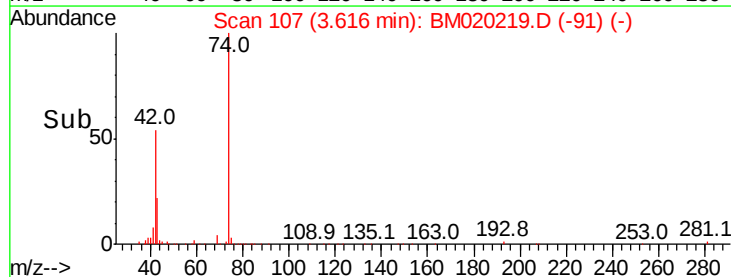
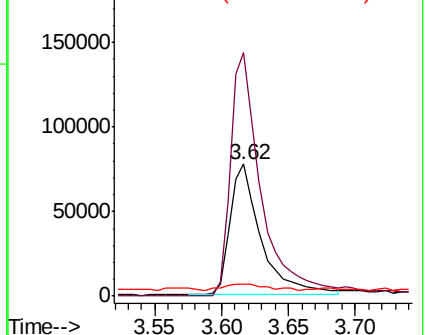
44 9.2 3.9 5.9#

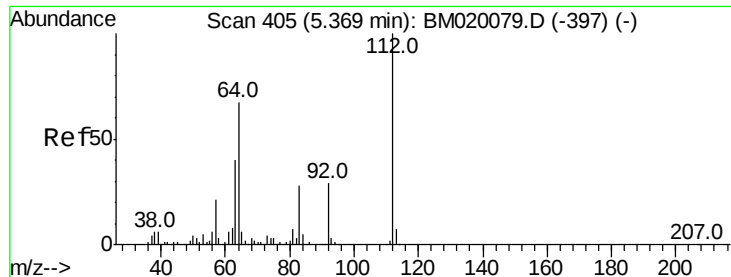


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 162.911 ng

RT: 5.36 min Scan# 404

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampled :

B-3MS

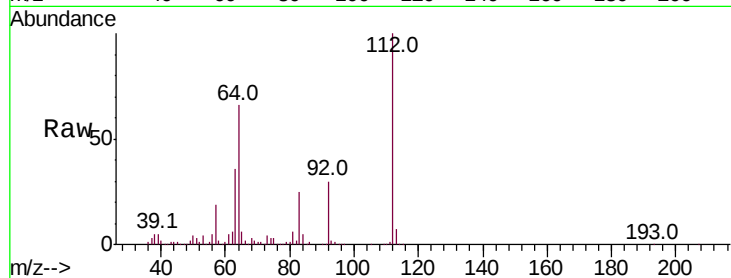
Tot Ion:112 Resp: 1101187

Ion Ratio Lower Upper

112 100

64 66.1 53.8 80.6

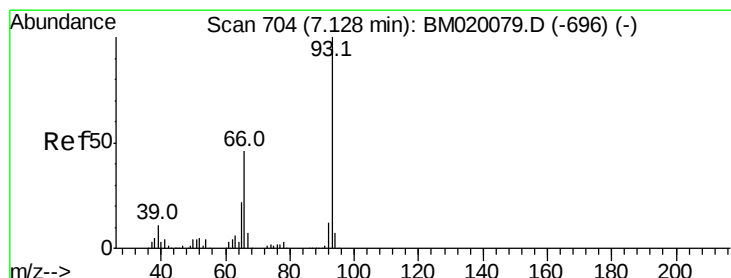
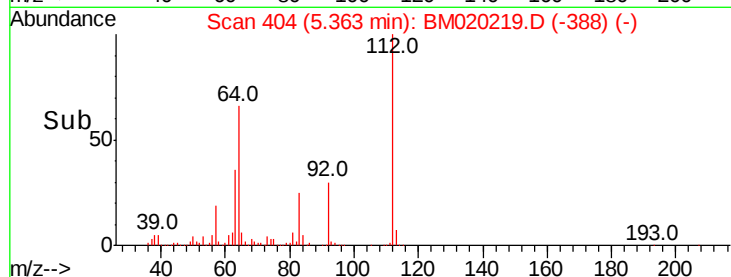
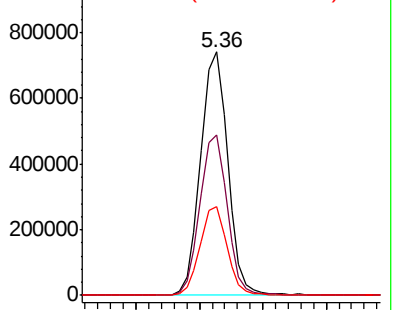
63 36.2 32.3 48.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 23.906 ng

RT: 7.12 min Scan# 702

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

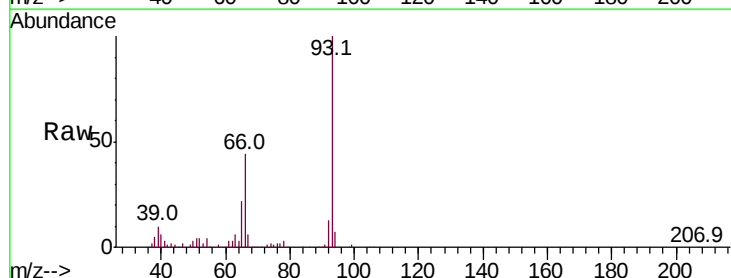
Tgt Ion: 93 Resp: 277893

Ion Ratio Lower Upper

93 100

66 44.4 36.6 54.8

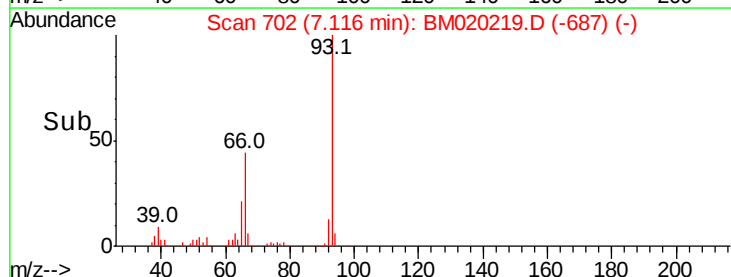
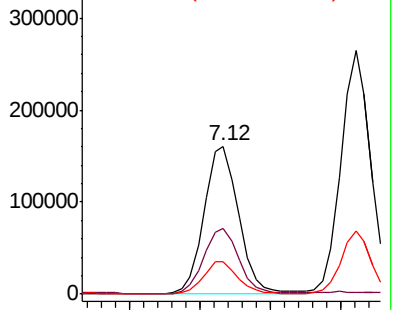
65 21.7 17.8 26.6

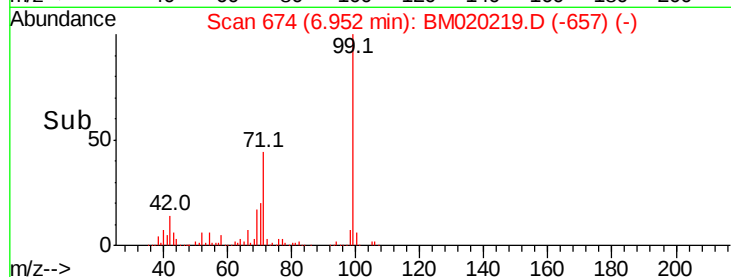
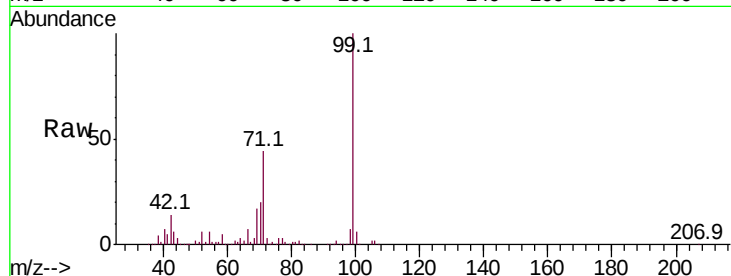
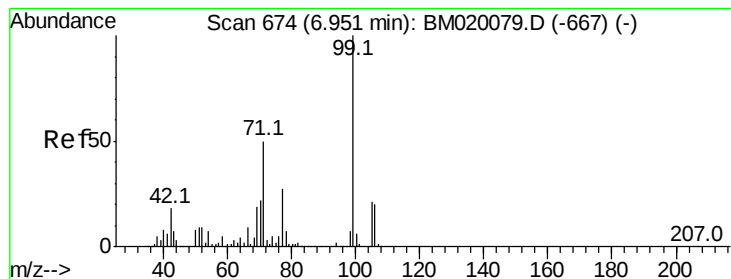


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 163.964 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampled :

B-3MS

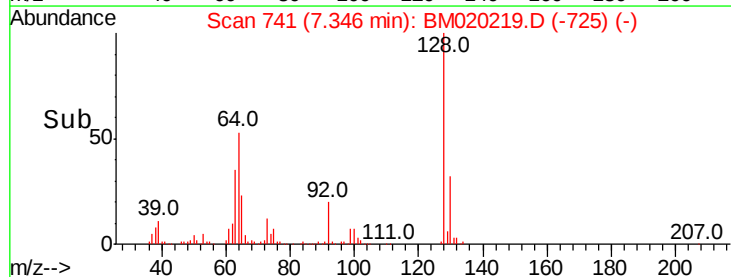
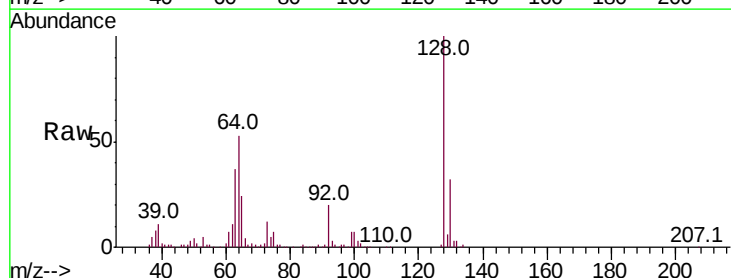
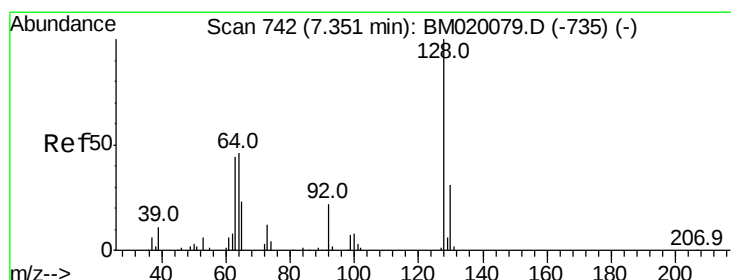
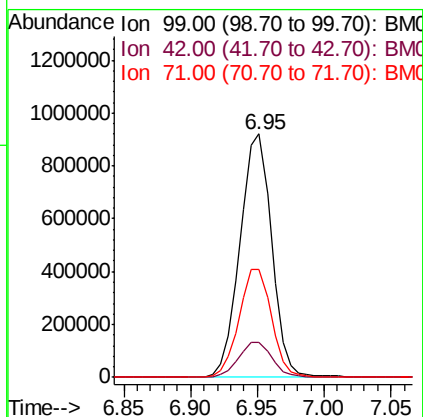
Tot Ion: 99 Resp: 1514093

Ion Ratio Lower Upper

99 100

42 14.1 14.2 21.2#

71 44.4 40.3 60.5



#8

2-Chlorophenol

Concen: 52.526 ng

RT: 7.35 min Scan# 741

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

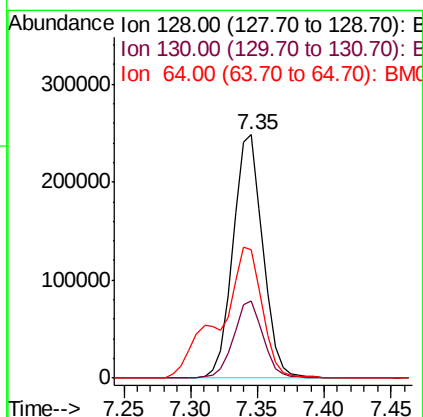
Tgt Ion: 128 Resp: 386593

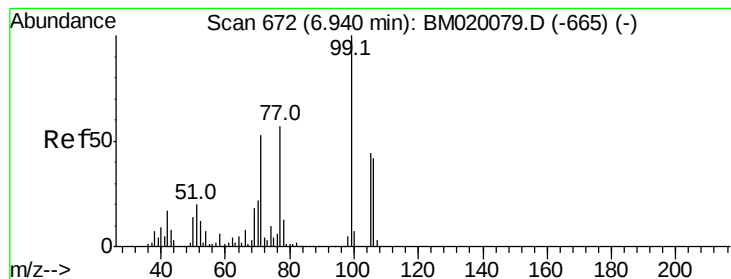
Ion Ratio Lower Upper

128 100

130 31.8 10.8 50.8

64 52.9 36.5 76.5





#9

Benzaldehyde

Concen: 34.543 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

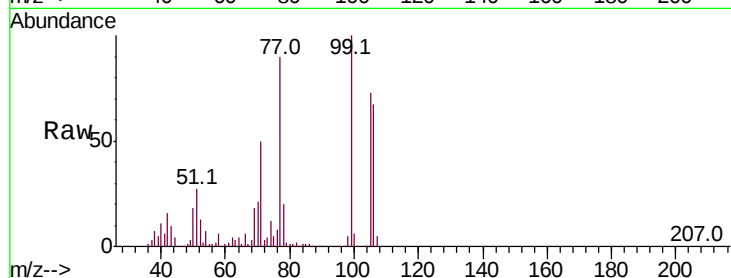
Tot Ion: 77 Resp: 241424

Ion Ratio Lower Upper

77 100

105 81.7 57.8 97.8

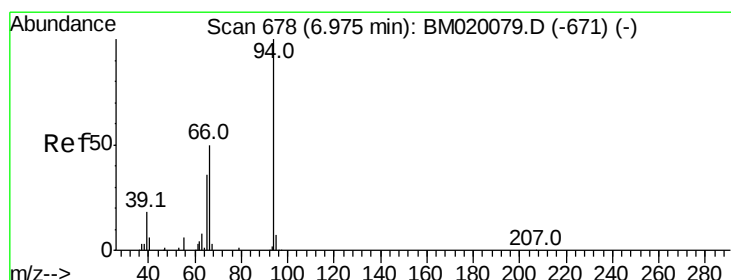
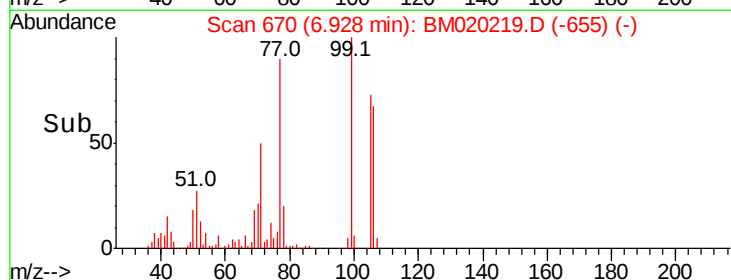
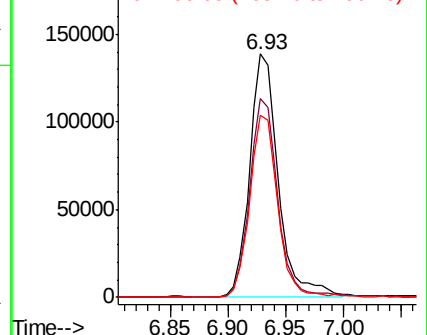
106 74.9 53.6 93.6



Abundance Ion 77.00 (76.70 to 77.70): BM020219.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM020219.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM020219.D (-665) (-)



#10

Phenol

Concen: 57.507 ng

RT: 6.98 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

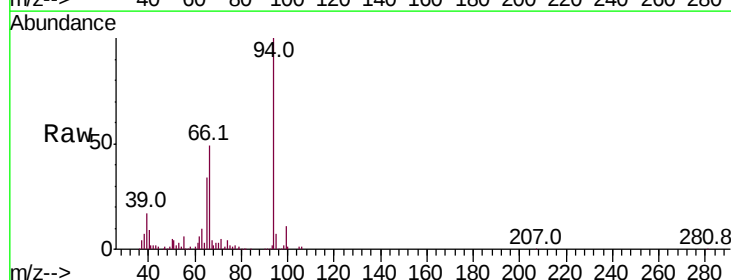
Tgt Ion: 94 Resp: 571682

Ion Ratio Lower Upper

94 100

65 33.5 17.0 57.0

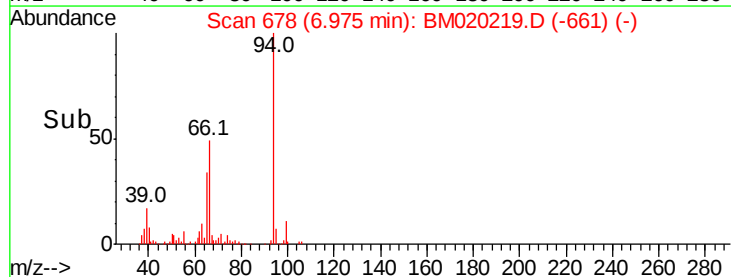
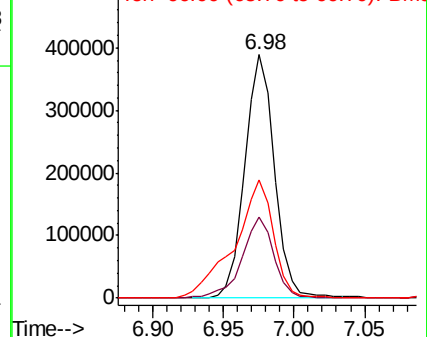
66 48.8 34.5 74.5

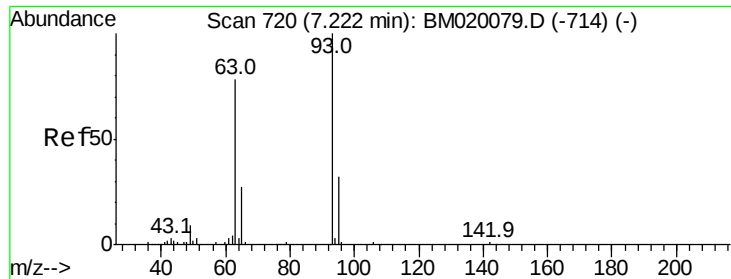


Abundance Ion 94.00 (93.70 to 94.70): BM020219.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020219.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020219.D (-661) (-)

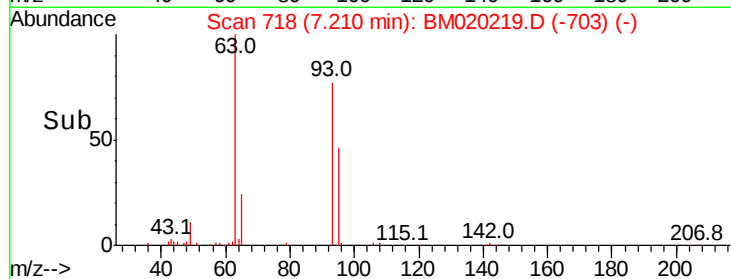
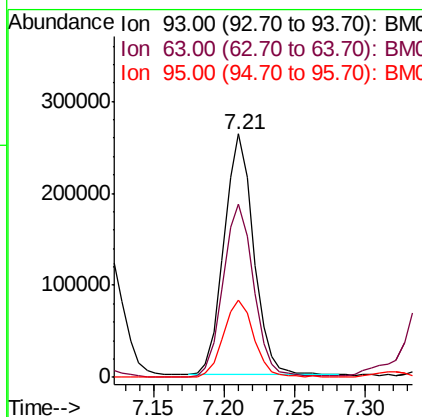
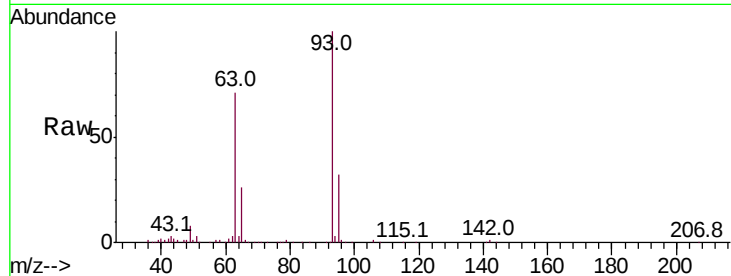




#11
bis(2-Chloroethyl)ether
Concen: 53.181 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

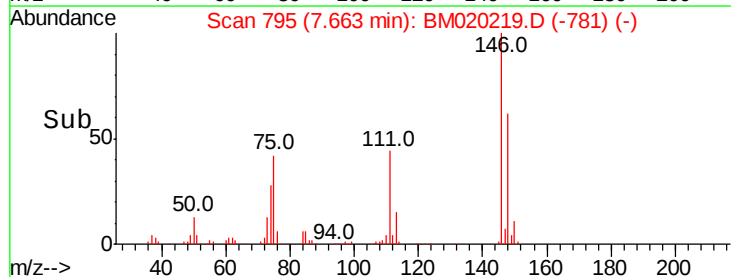
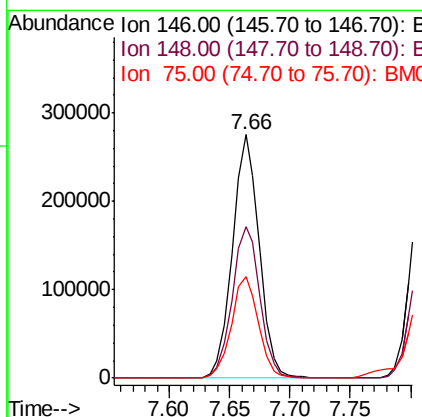
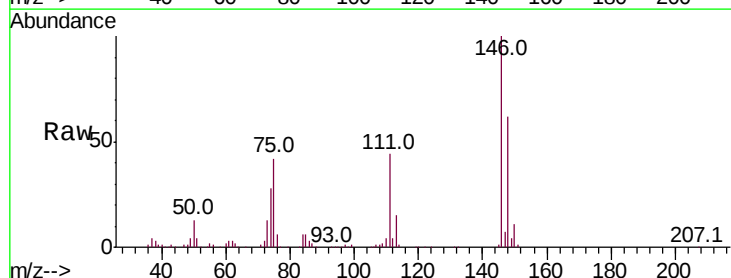
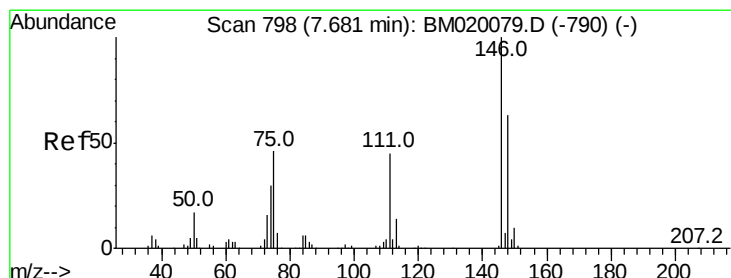
Instrument :
BNA_M
ClientSampleId :
B-3MS

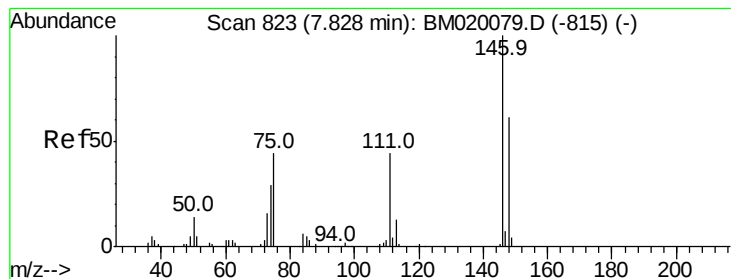
Tot Ion: 93 Resp: 384253
Ion Ratio Lower Upper
93 100
63 71.4 57.9 97.9
95 32.0 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 49.591 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.02 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

Tgt Ion: 146 Resp: 424666
Ion Ratio Lower Upper
146 100
148 62.3 50.1 75.1
75 41.9 37.2 55.8





#13

1,4-Dichlorobenzene

Concen: 49.650 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.02 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

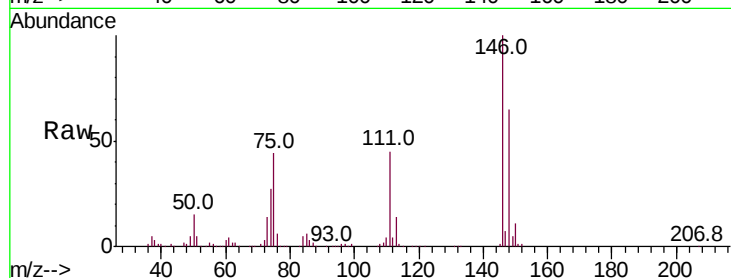
Tot Ion:146 Resp: 429505

Ion Ratio Lower Upper

146 100

148 65.1 48.5 72.7

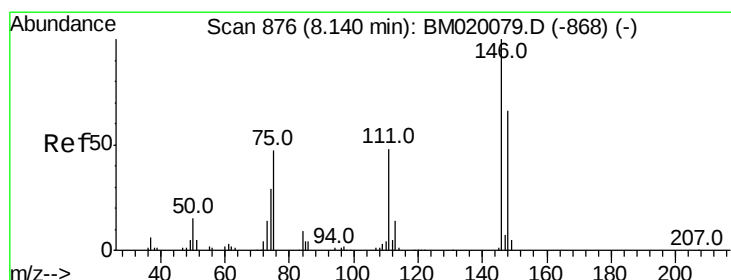
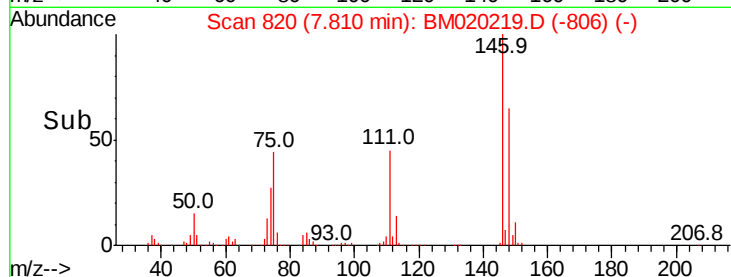
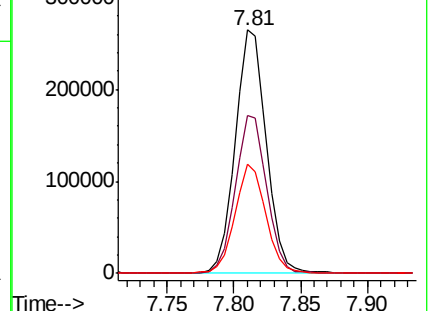
111 44.8 35.7 53.5



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: 49.679 ng

RT: 8.13 min Scan# 874

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

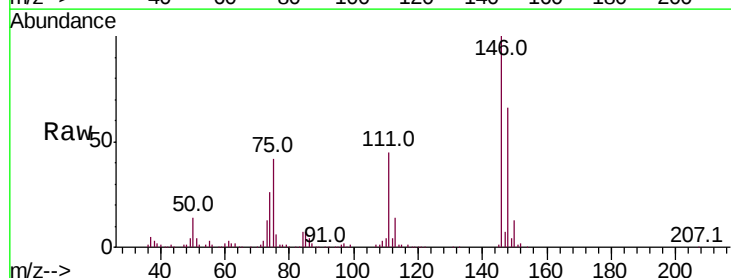
Tgt Ion:146 Resp: 409434

Ion Ratio Lower Upper

146 100

148 65.6 52.6 79.0

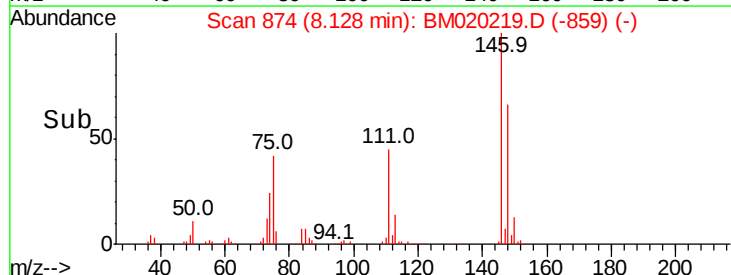
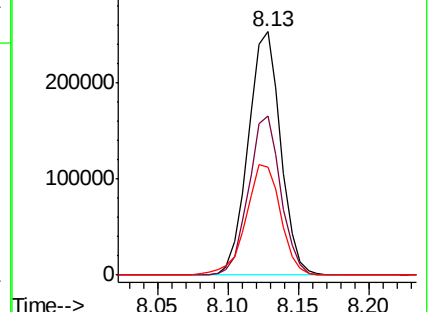
111 44.6 39.0 58.4

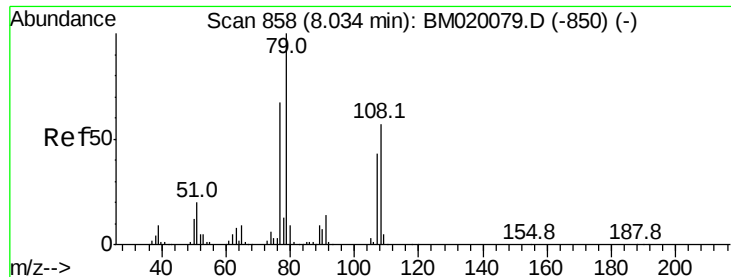


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.026 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

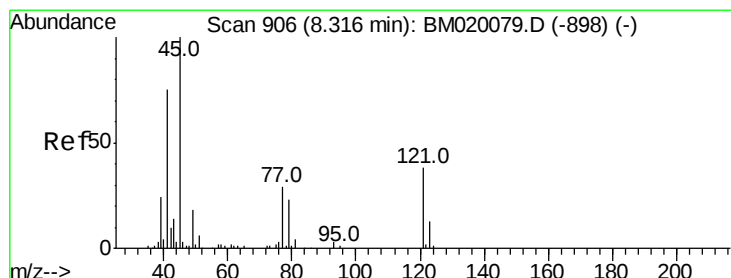
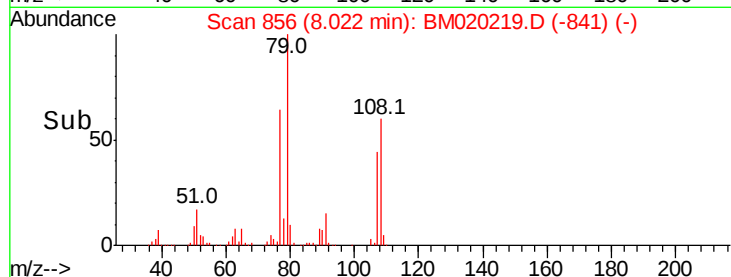
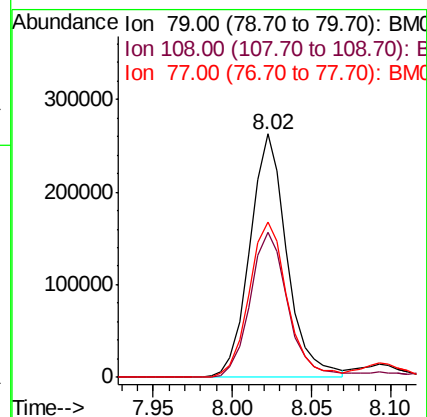
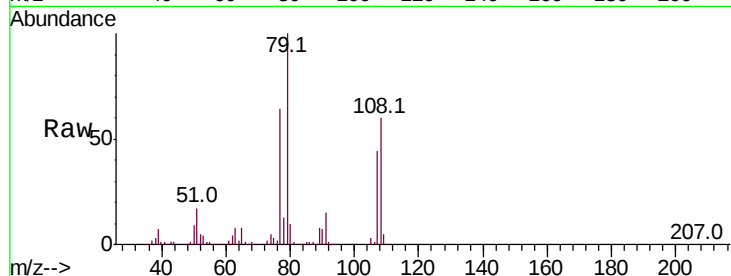
Tot Ion: 79 Resp: 427637

Ion Ratio Lower Upper

79 100

108 59.5 46.0 69.0

77 63.7 53.8 80.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.870 ng

RT: 8.30 min Scan# 904

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

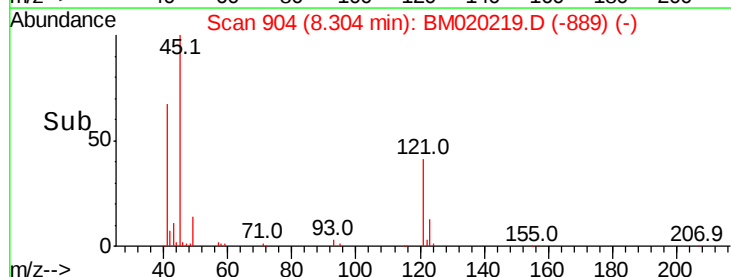
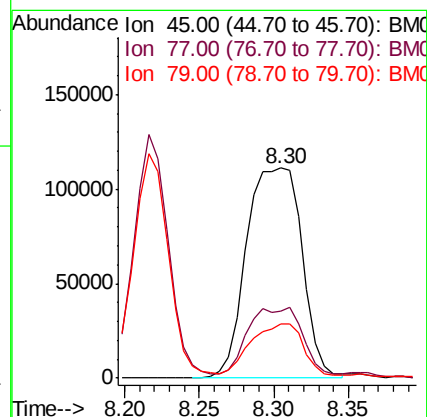
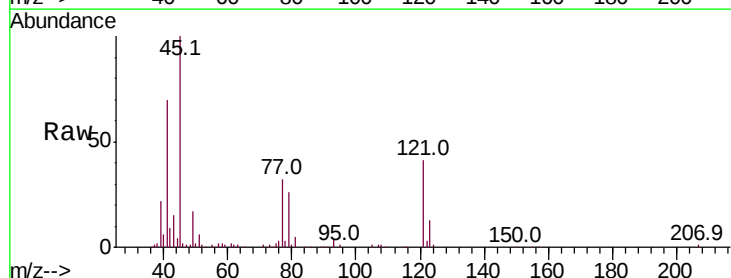
Tgt Ion: 45 Resp: 286803

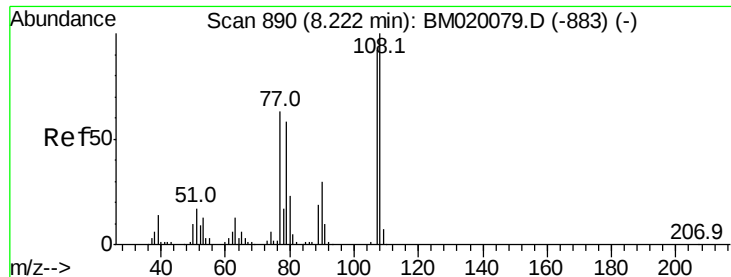
Ion Ratio Lower Upper

45 100

77 31.8 10.5 50.5

79 25.7 3.3 43.3

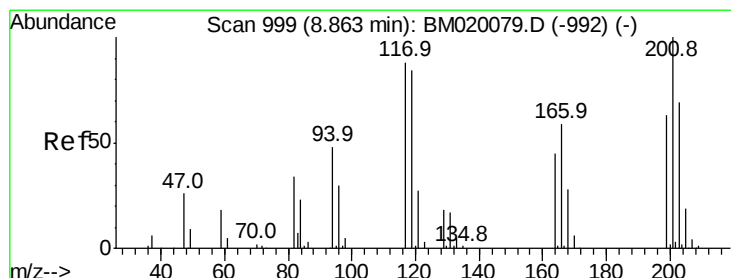
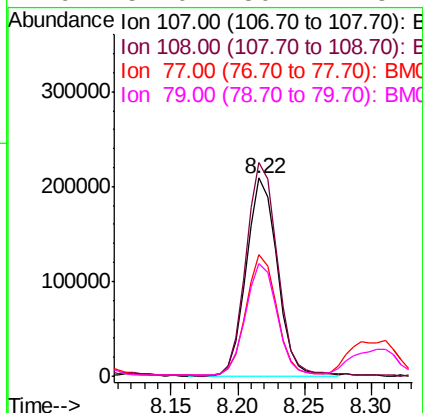
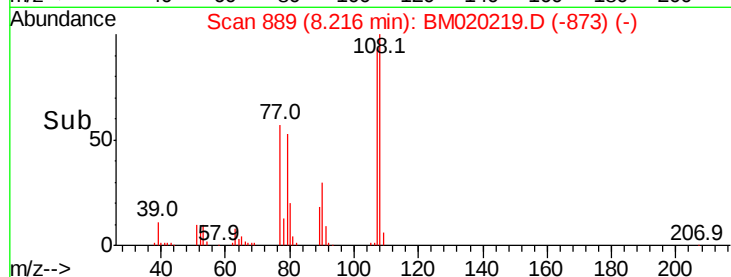
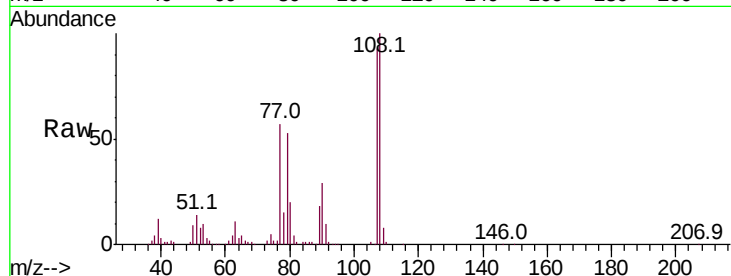




#17
2-Methylphenol
Concen: 52.037 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

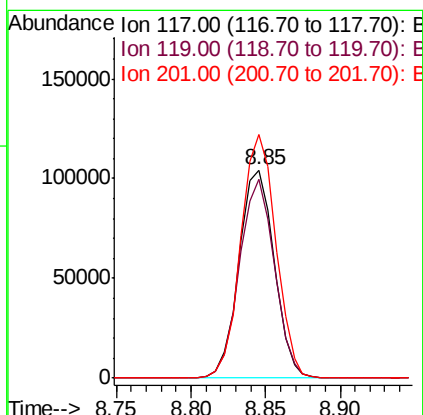
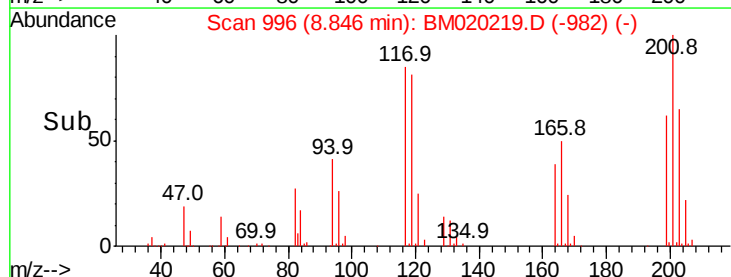
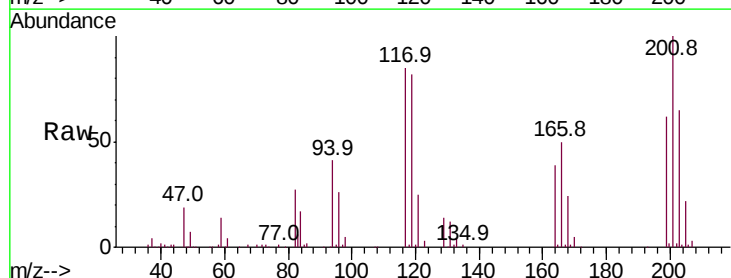
Instrument :
BNA_M
ClientSampleID :
B-3MS

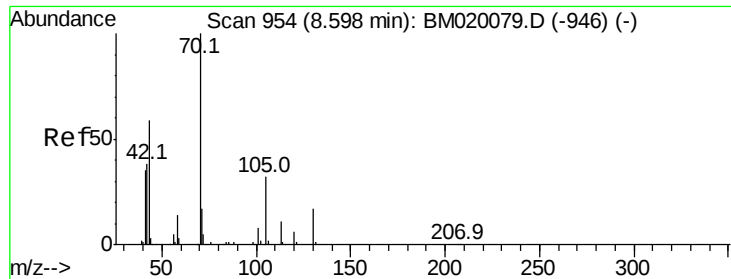
Tot Ion	Ratio	Lower	Upper
107	100		
108	107.8	87.0	130.4
77	61.7	54.7	82.1
79	57.0	50.1	75.1



#18
Hexachloroethane
Concen: 47.404 ng
RT: 8.85 min Scan# 996
Delta R.T. -0.02 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.6	114.8
201	117.2	90.7	136.1

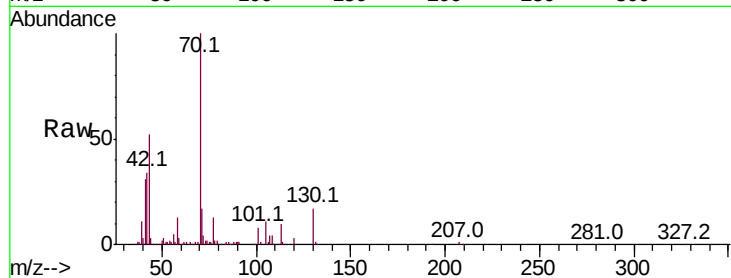




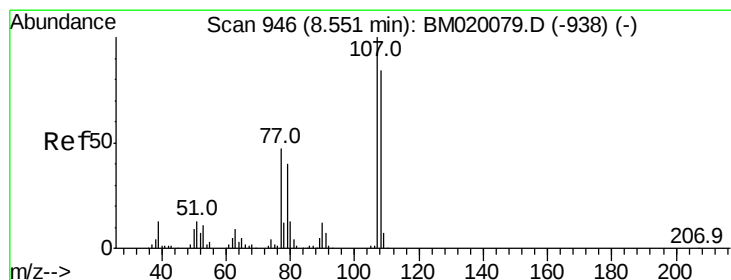
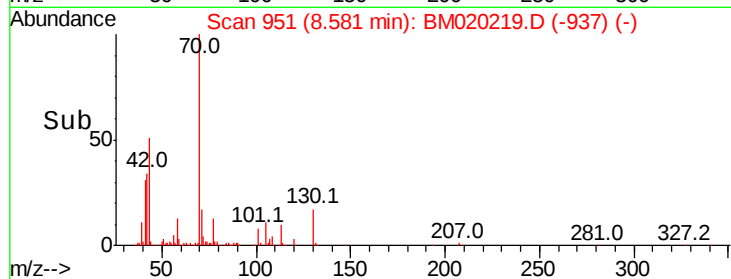
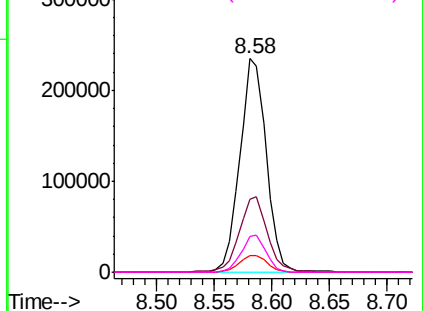
#19
n-Nitroso-di-n-propylamine
Concen: 47.438 ng
RT: 8.58 min Scan# 951
Delta R.T. -0.02 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

Instrument :
BNA_M
ClientSampleId :
B-3MS

Tot Ion:	70	Resp:	374783
Ion	Ratio	Lower	Upper
70	100		
42	33.9	31.0	46.4
101	8.0	6.2	9.2
130	16.9	13.5	20.3

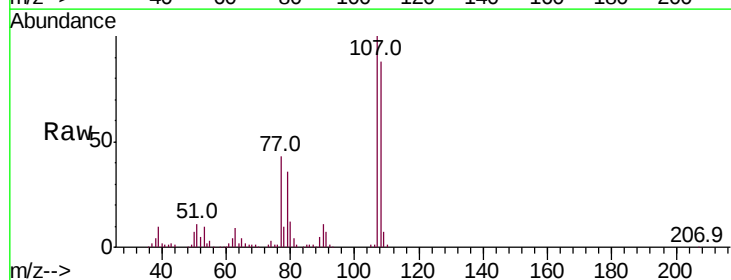


Abundance Ion 70.00 (69.70 to 70.70): BM020219.D (-946) (-)

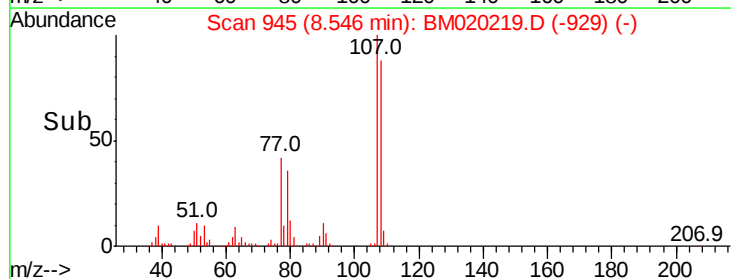
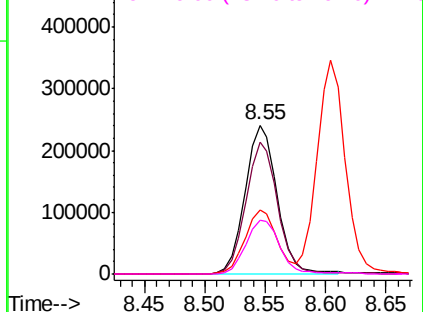


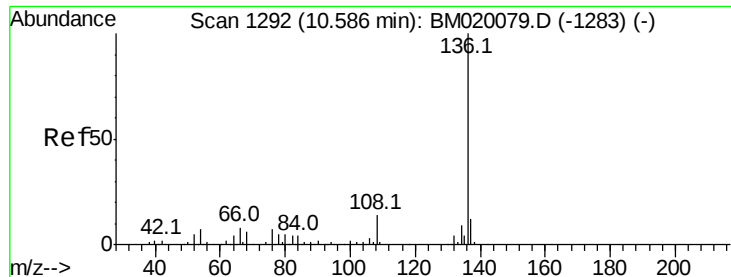
#20
3+4-Methylphenols
Concen: 52.389 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

Tgt Ion:	107	Resp:	445572
Ion	Ratio	Lower	Upper
107	100		
108	88.3	64.4	104.4
77	42.5	27.2	67.2
79	36.4	19.6	59.6



Abundance Ion 107.00 (106.70 to 107.70): BM020219.D (-938) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

Tot Ion:136 Resp: 400003

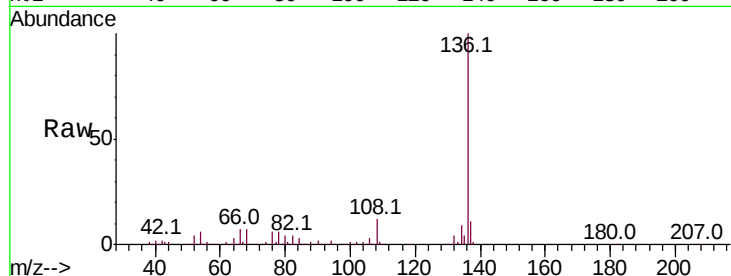
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

54 6.0 5.5 8.3

68 7.4 4.6 6.8#

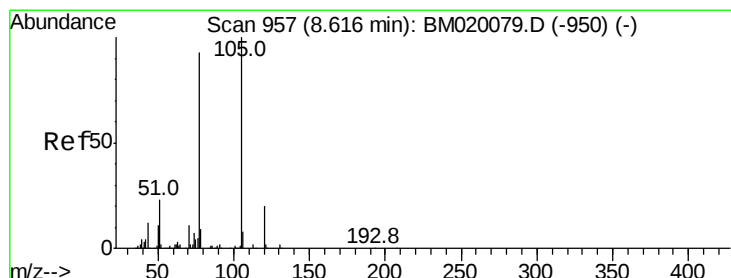
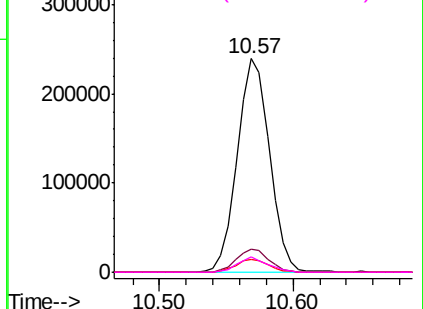
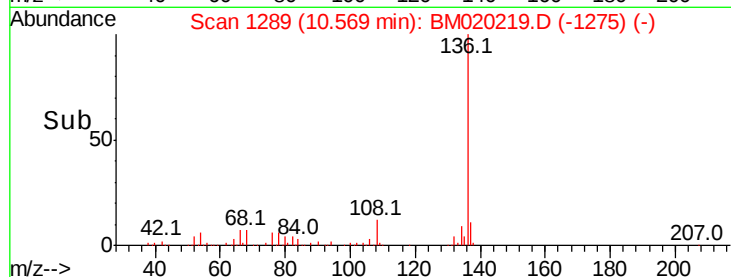


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 54.593 ng

RT: 8.60 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Tgt Ion:105 Resp: 596820

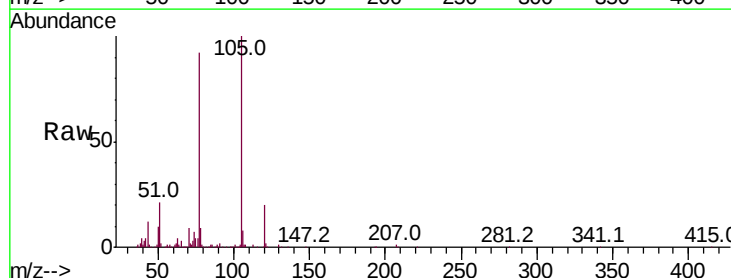
Ion Ratio Lower Upper

105 100

71 1.7 2.2 3.2#

51 21.0 19.3 28.9

120 19.9 16.2 24.4

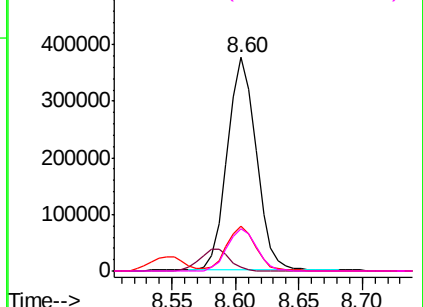
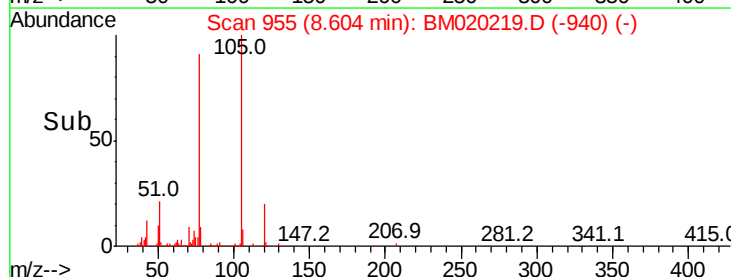


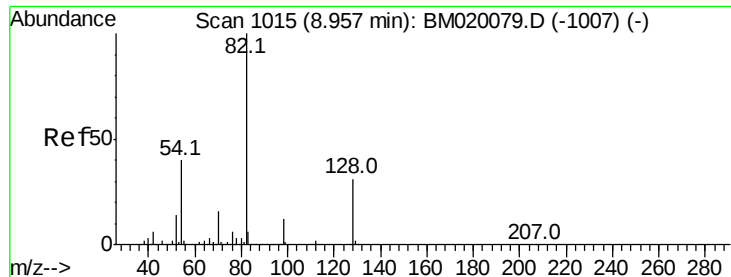
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

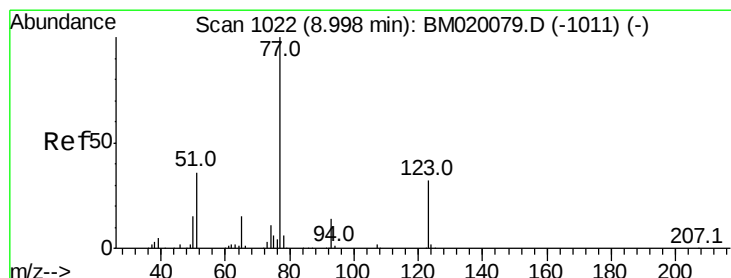
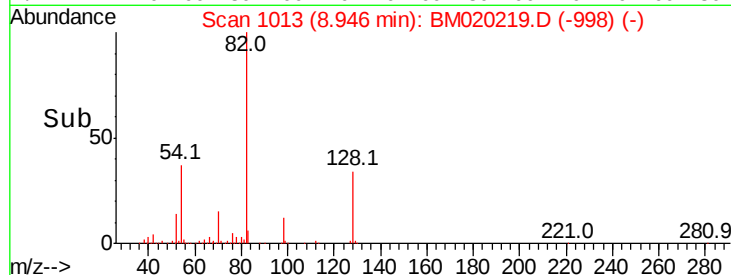
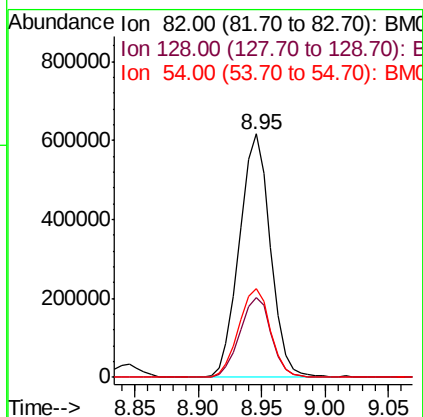
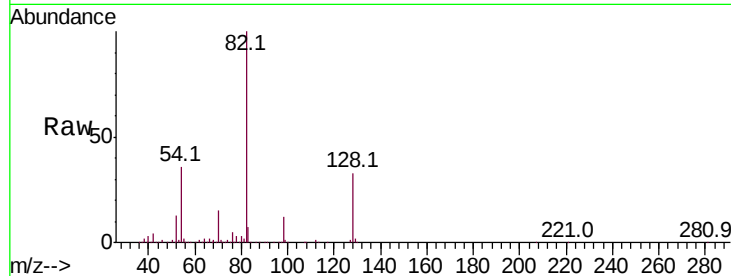




#23
 Nitrobenzene-d5
 Concen: 103.985 ng
 RT: 8.95 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BM020219.D
 Acq: 09 May 2019 16:15

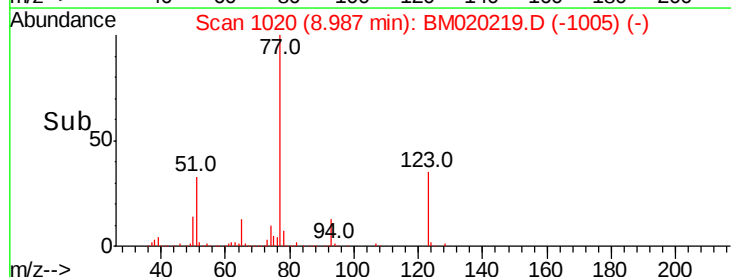
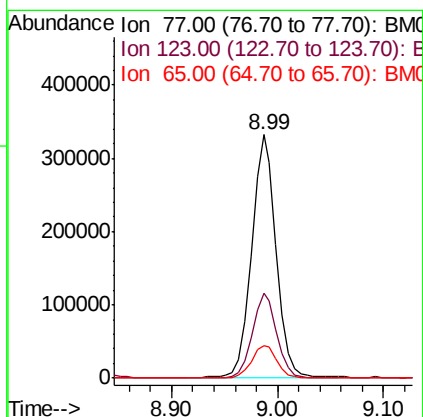
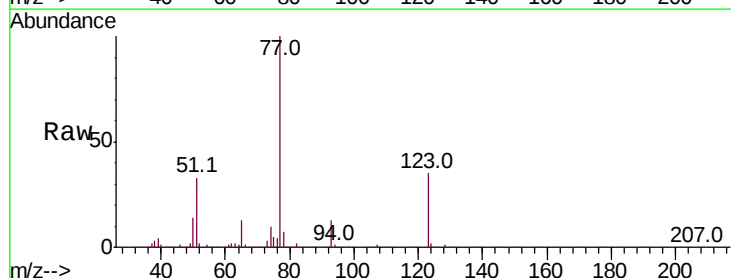
Instrument :
 BNA_M
 ClientSampleId :
 B-3MS

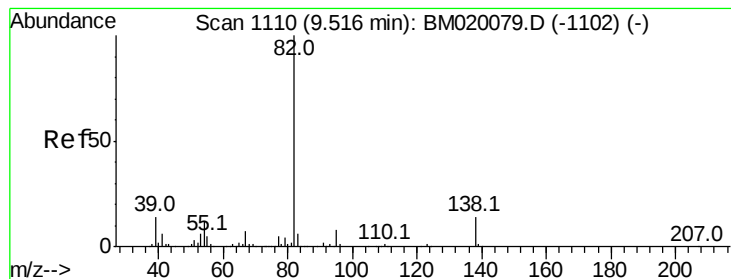
Tot Ion: 82 Resp: 1053551
 Ion Ratio Lower Upper
 82 100
 128 32.8 25.2 37.8
 54 36.2 31.9 47.9



#24
 Nitrobenzene
 Concen: 50.989 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020219.D
 Acq: 09 May 2019 16:15

Tgt Ion: 77 Resp: 535636
 Ion Ratio Lower Upper
 77 100
 123 35.0 25.5 38.3
 65 13.2 11.8 17.6





#25

Isophorone

Concen: 54.100 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

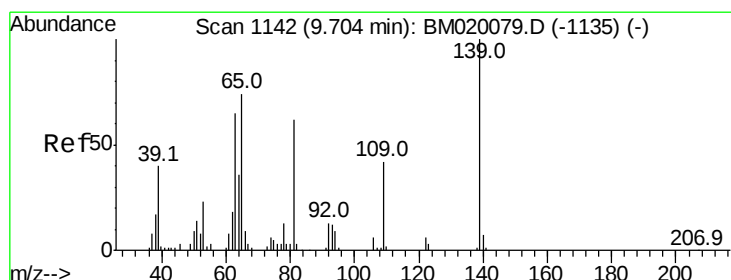
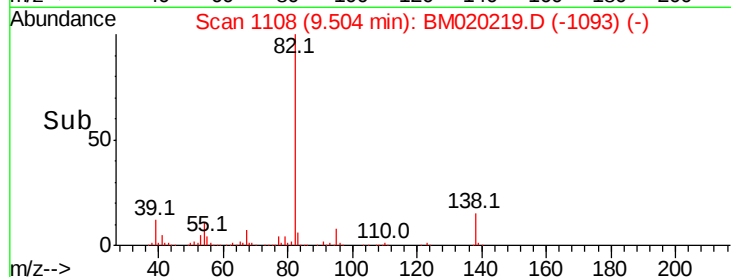
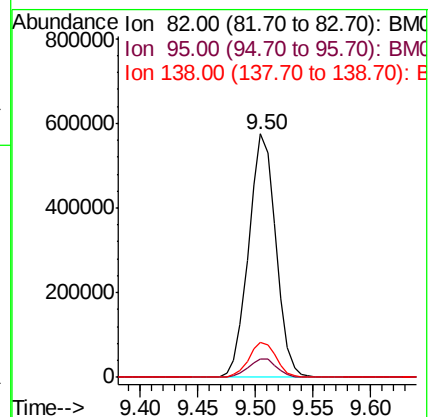
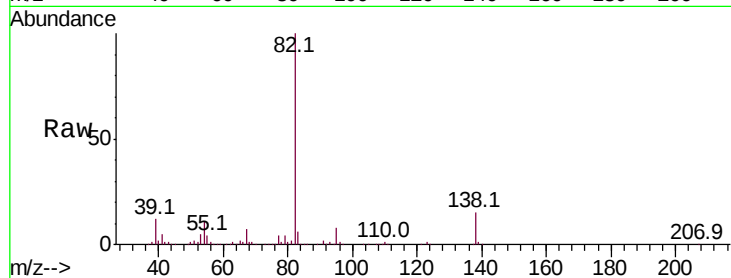
Tot Ion: 82 Resp: 945231

Ion Ratio Lower Upper

82 100

95 7.7 6.4 9.6

138 14.6 11.1 16.7



#26

2-Nitrophenol

Concen: 65.827 ng

RT: 9.69 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

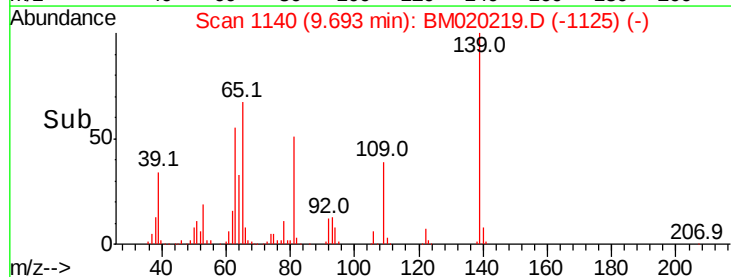
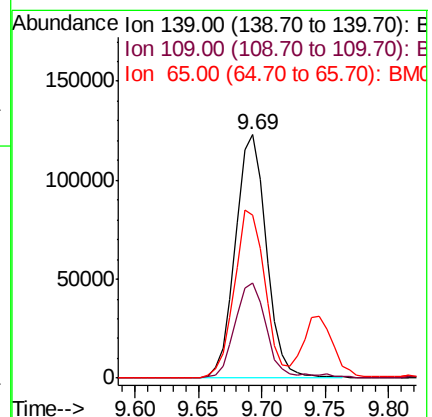
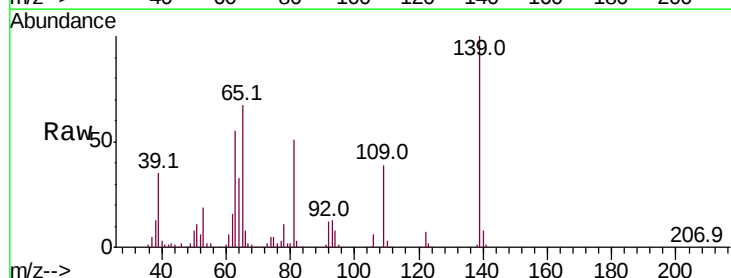
Tgt Ion: 139 Resp: 208766

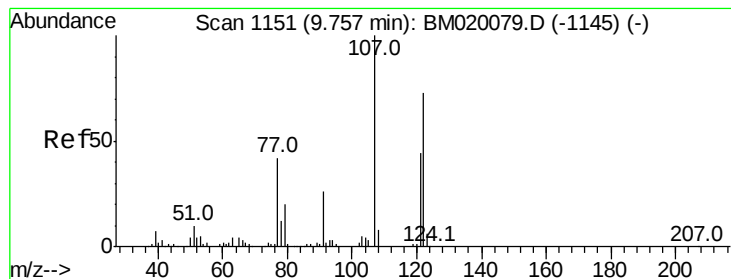
Ion Ratio Lower Upper

139 100

109 39.1 33.7 50.5

65 66.9 59.5 89.3





#27

2,4-Dimethylphenol

Concen: 63.484 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

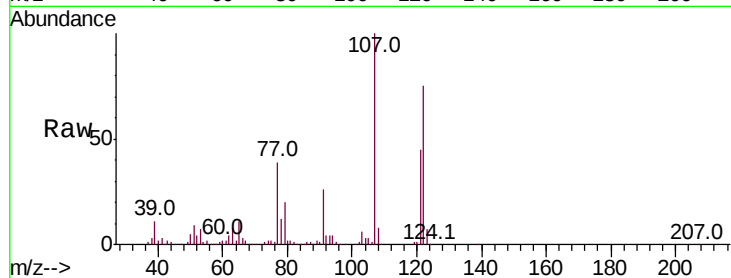
Tot Ion:122 Resp: 335193

Ion Ratio Lower Upper

122 100

107 133.6 108.6 162.8

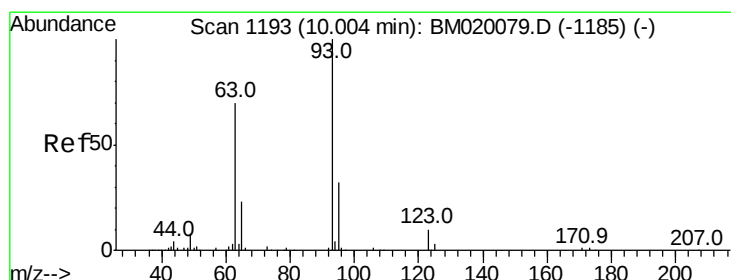
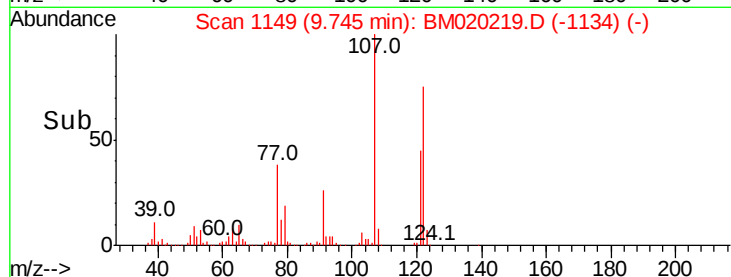
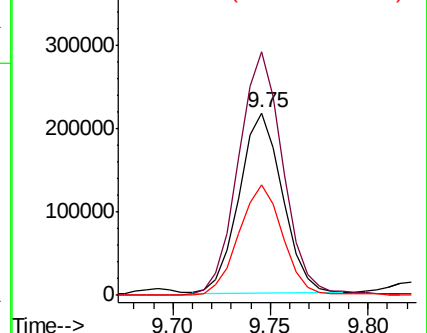
121 60.5 47.4 71.2



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: 54.250 ng

RT: 9.99 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

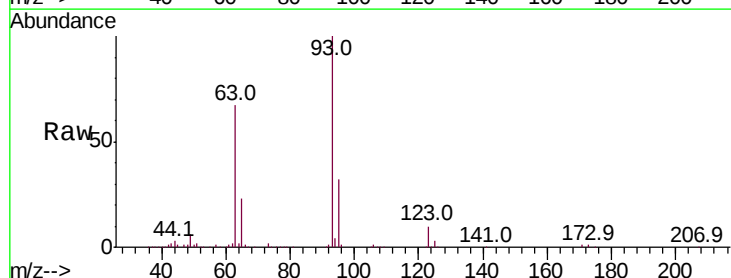
Tgt Ion: 93 Resp: 516239

Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

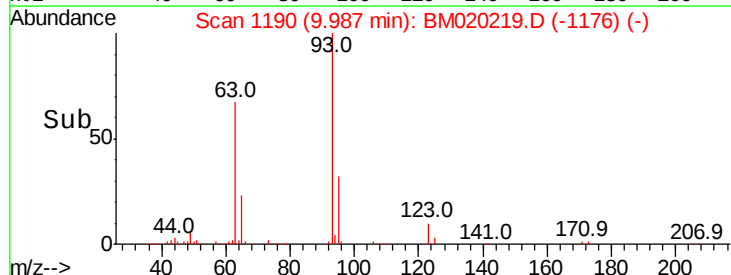
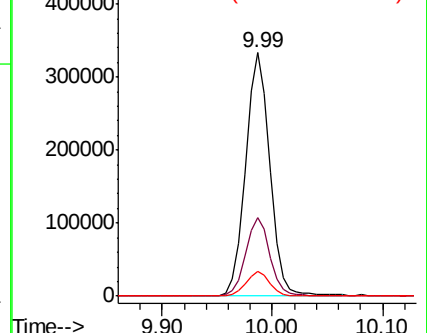
123 10.1 7.6 11.4

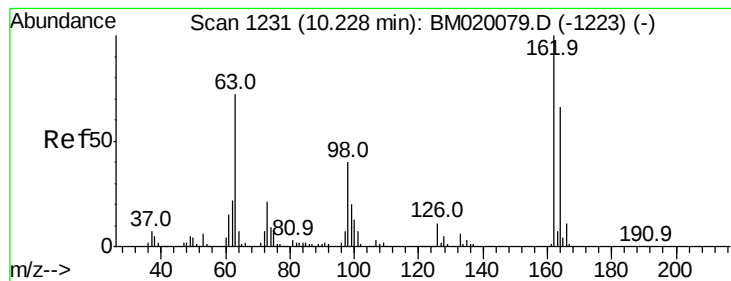


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 58.289 ng

RT: 10.22 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

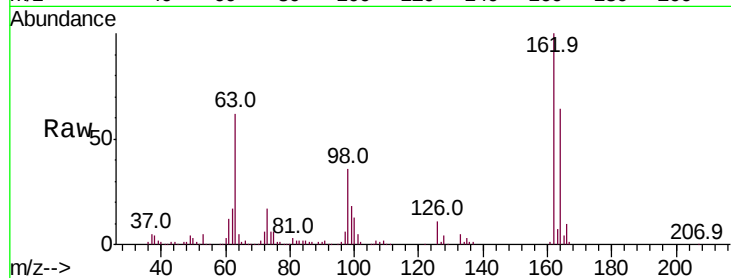
Tot Ion:162 Resp: 388078

Ion Ratio Lower Upper

162 100

164 63.7 45.6 85.6

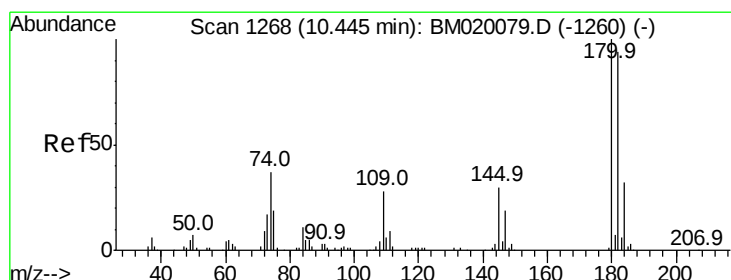
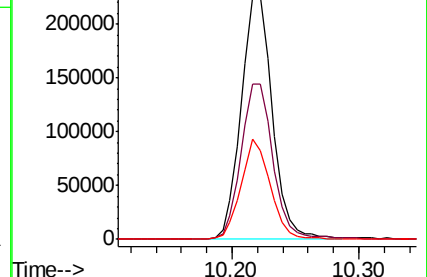
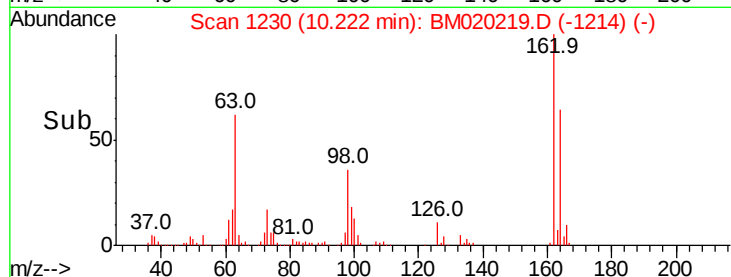
98 36.3 20.4 60.4



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: 53.728 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

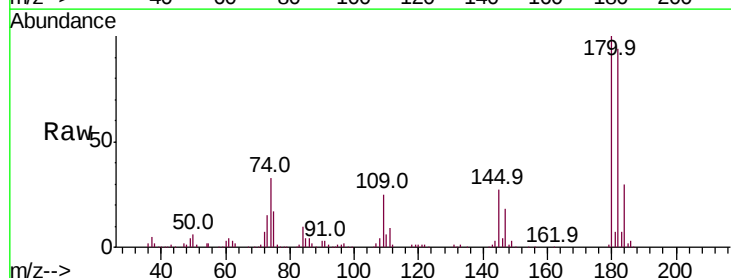
Tgt Ion:180 Resp: 440152

Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.0

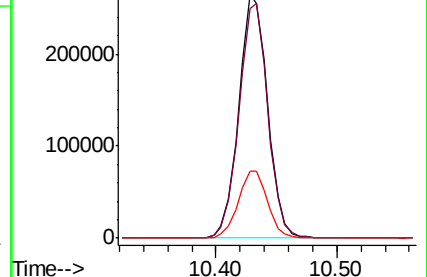
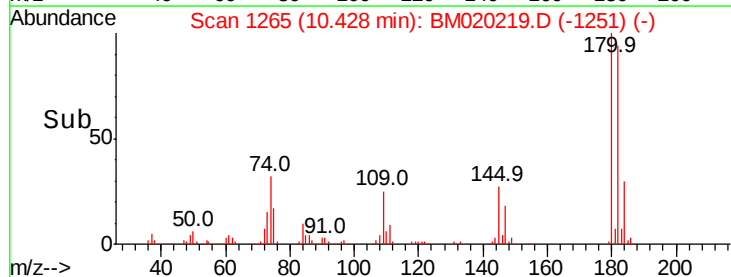
145 27.4 23.8 35.8

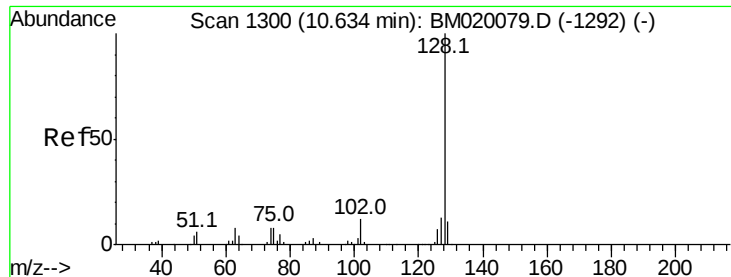


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

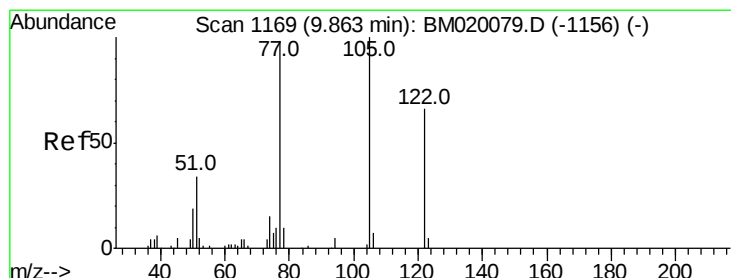
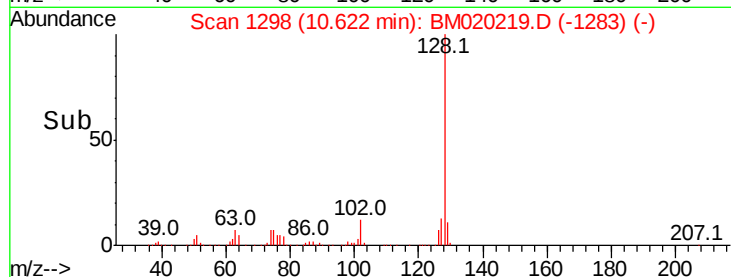
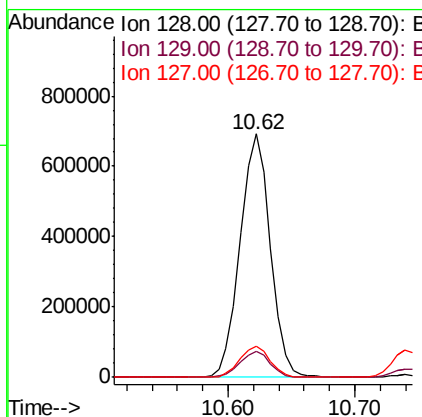
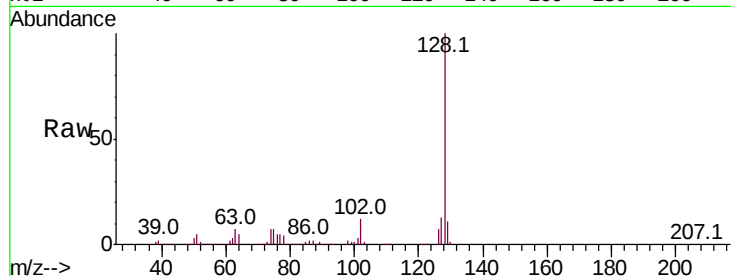




#31
Naphthalene
Concen: 55.084 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

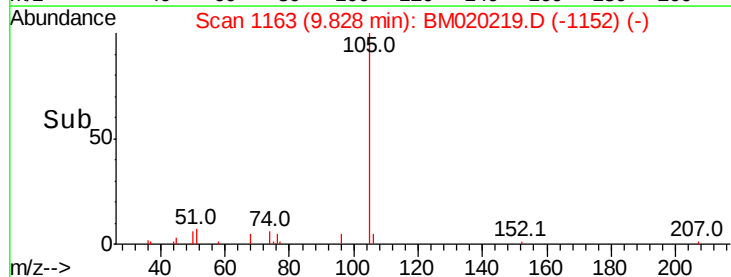
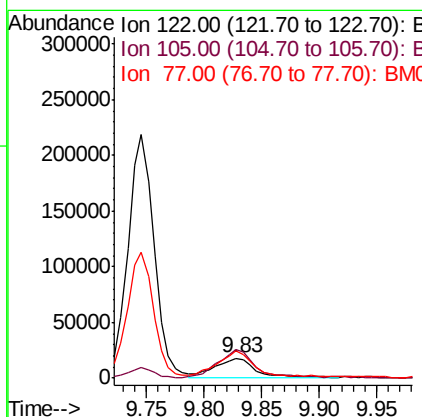
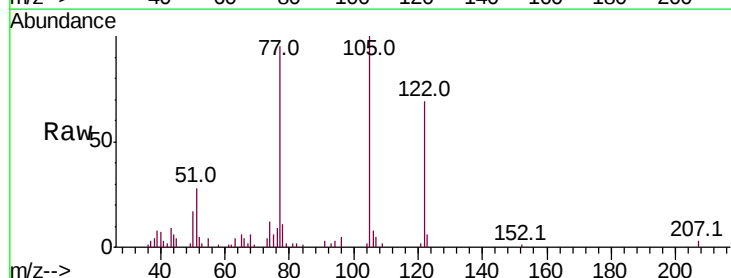
Instrument :
BNA_M
ClientSampleId :
B-3MS

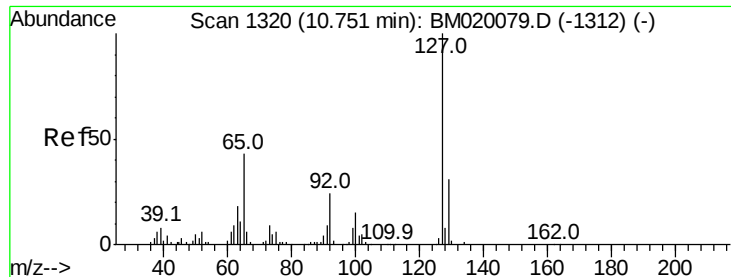
Tot Ion:128 Resp: 1143415
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 12.7 10.4 15.6



#32
Benzoic acid
Concen: 15.793 ng
RT: 9.83 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

Tgt Ion:122 Resp: 40004
Ion Ratio Lower Upper
122 100
105 144.2 122.5 162.5
77 137.1 123.3 163.3

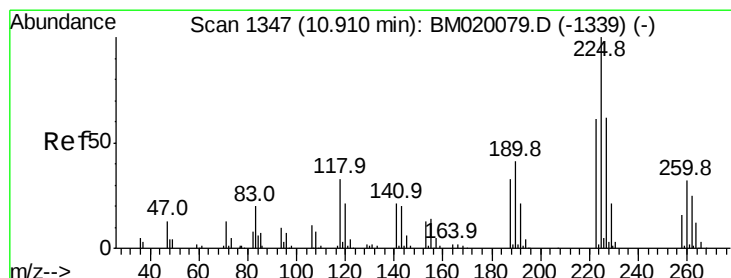
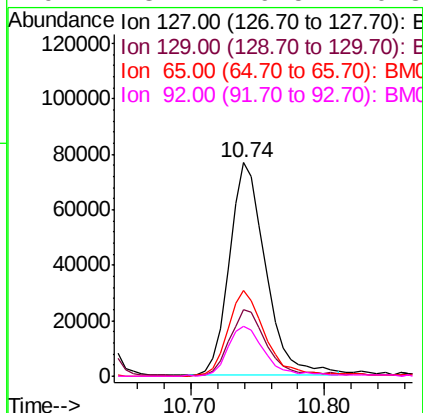
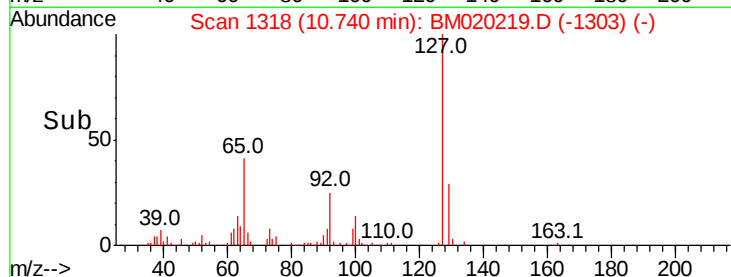
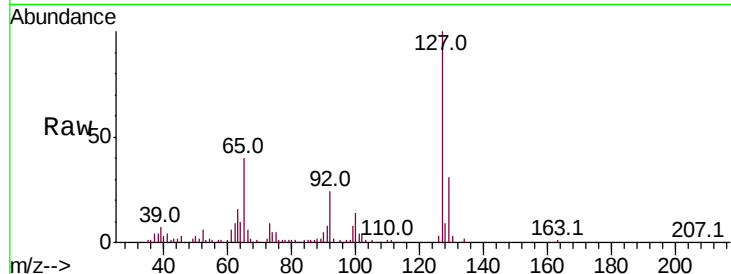




#33
4-Chloroaniline
Concen: 16.999 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

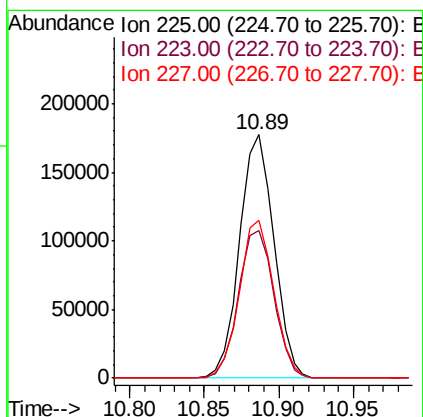
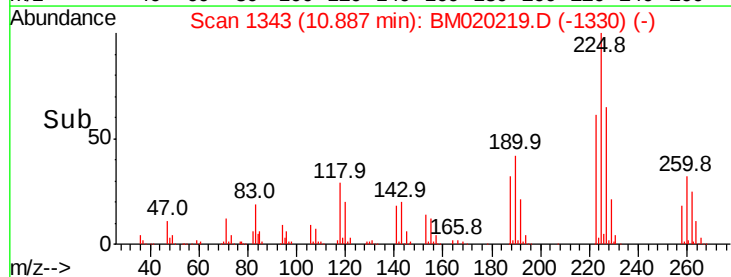
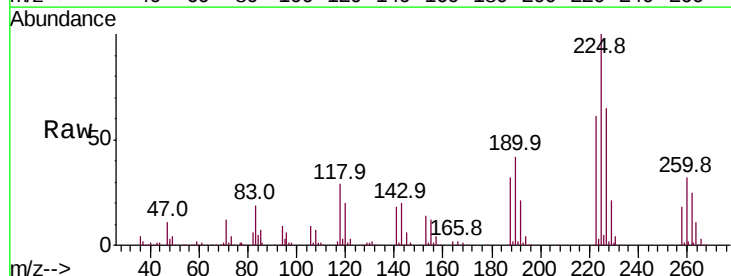
Instrument :
BNA_M
ClientSampleId :
B-3MS

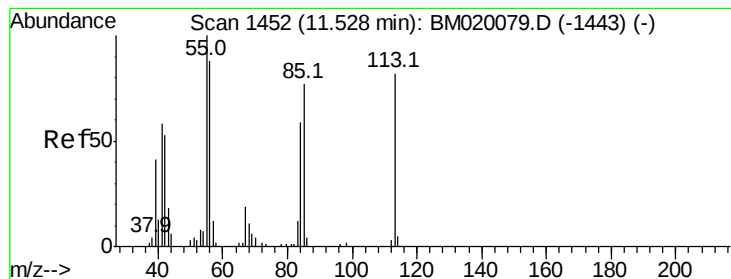
Tot Ion:	127	Resp:	145235
Ion	Ratio	Lower	Upper
127	100		
129	31.0	24.7	37.1
65	39.9	34.6	52.0
92	23.7	19.5	29.3



#34
Hexachlorobutadiene
Concen: 49.058 ng
RT: 10.89 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

Tgt Ion:	225	Resp:	284302
Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.9	73.3
227	64.9	49.6	74.4





#35

Caprolactam

Concen: 61.424 ng/mL

RT: 11.55 min Scan# 1455

Delta R.T. 0.02 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

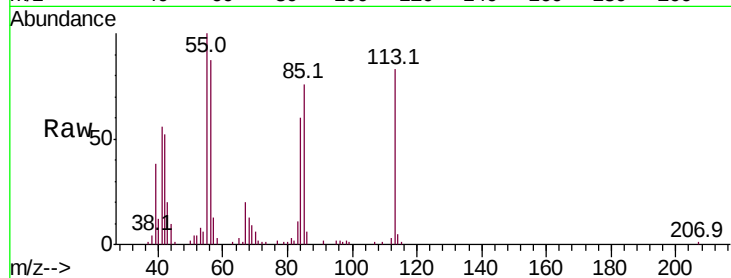
Tot Ion:113 Resp: 122282

Ion Ratio Lower Upper

113 100

55 121.1 102.5 142.5

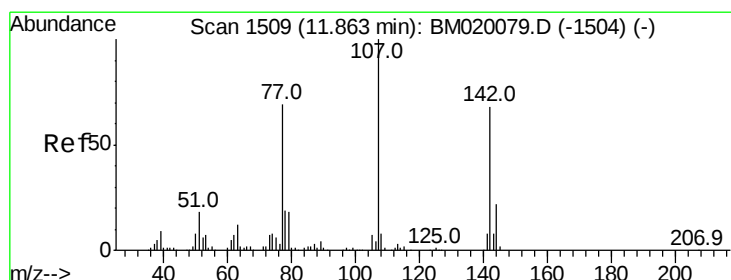
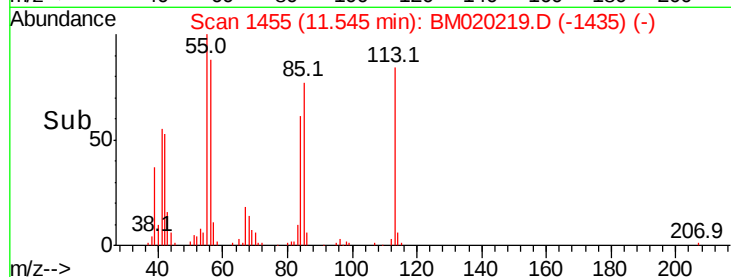
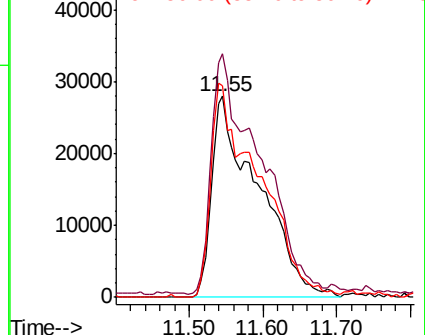
56 105.0 87.7 127.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 54.412 ng/mL

RT: 11.86 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

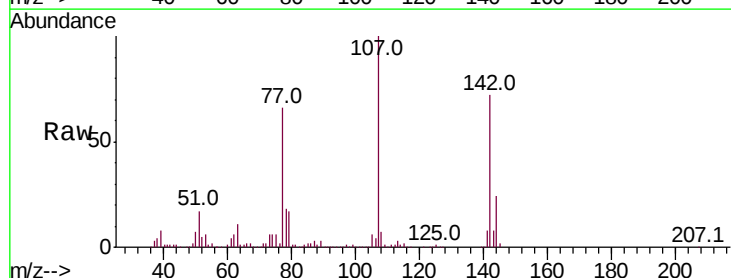
Tgt Ion:107 Resp: 425718

Ion Ratio Lower Upper

107 100

144 23.9 17.6 26.4

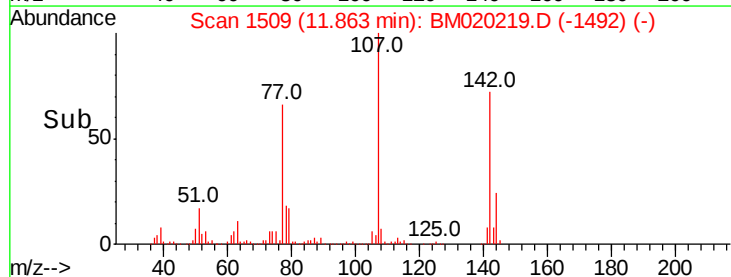
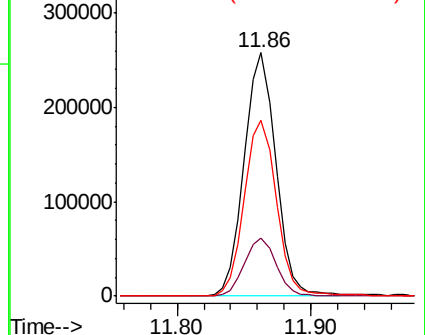
142 72.0 54.6 82.0

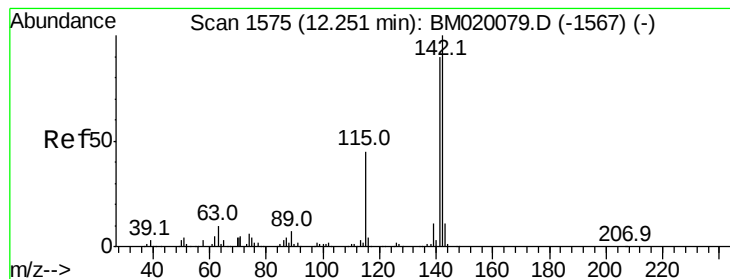


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 55.096 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

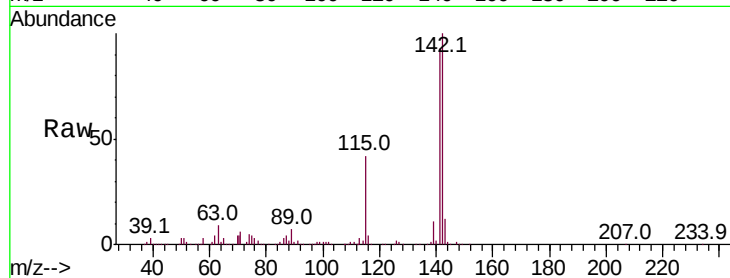
Tot Ion:142 Resp: 833776

Ion Ratio Lower Upper

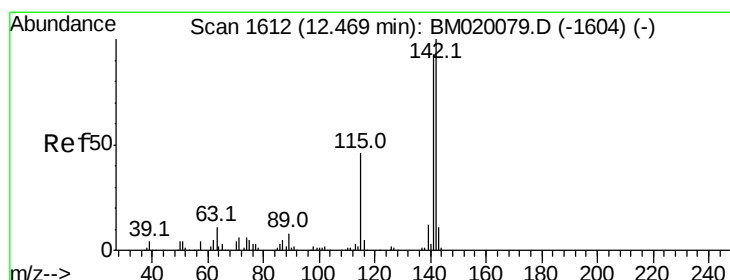
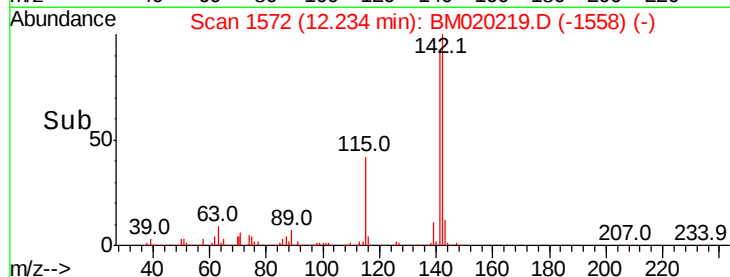
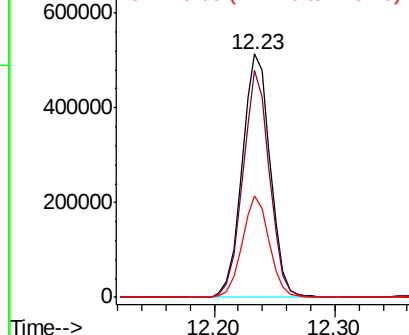
142 100

141 93.0 71.6 107.4

115 41.7 35.8 53.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 54.020 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

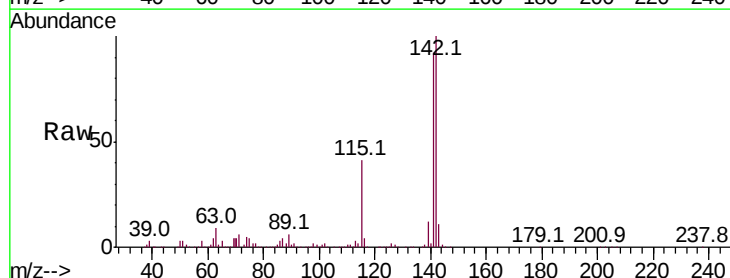
Tgt Ion:142 Resp: 799385

Ion Ratio Lower Upper

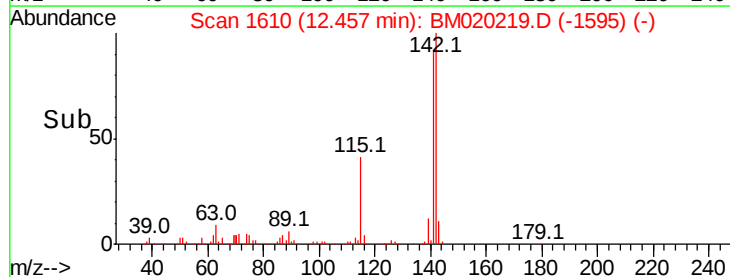
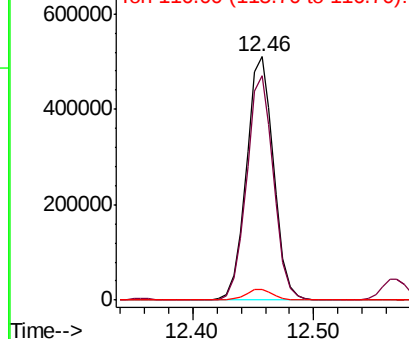
142 100

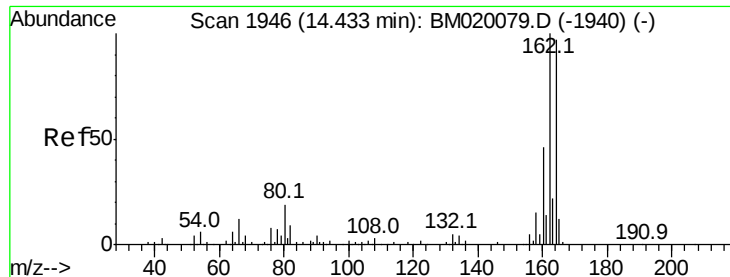
141 92.3 74.8 112.2

116 4.3 3.9 5.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.42 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

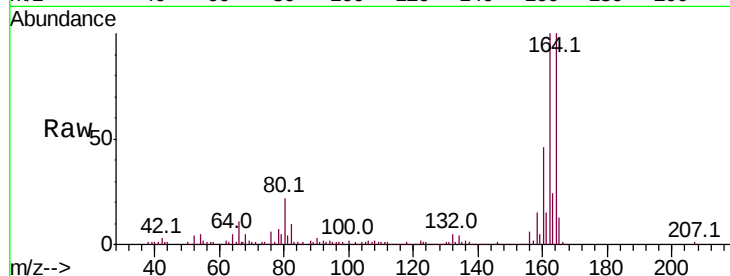
Tot Ion:164 Resp: 250177

Ion Ratio Lower Upper

164 100

162 99.9 82.2 123.2

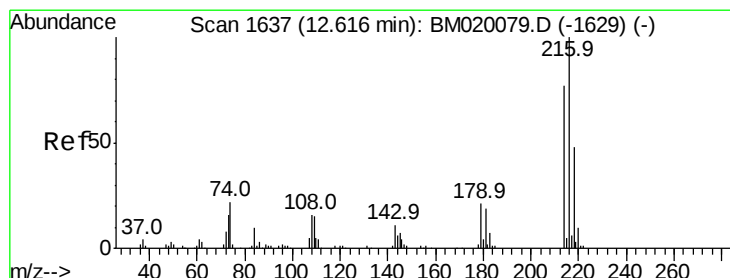
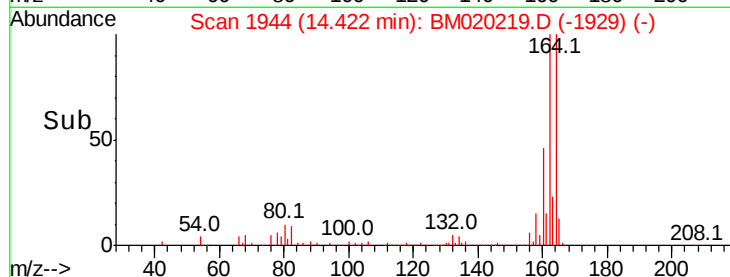
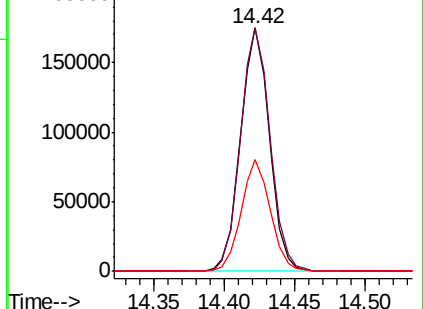
160 46.1 37.6 56.4



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: 52.404 ng

RT: 12.60 min Scan# 1634

Delta R.T. -0.02 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Tgt Ion:216 Resp: 512923

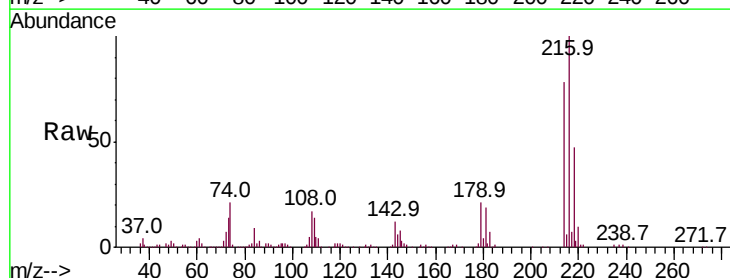
Ion Ratio Lower Upper

216 100

214 78.3 62.6 94.0

179 20.6 17.1 25.7

108 20.4 15.8 23.6

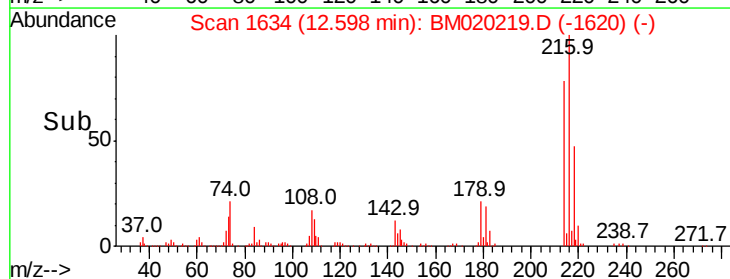
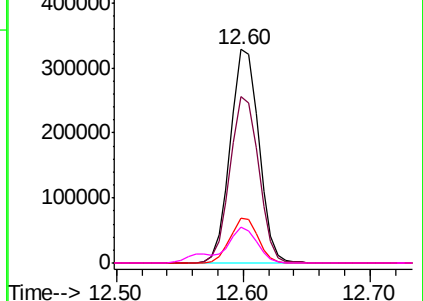


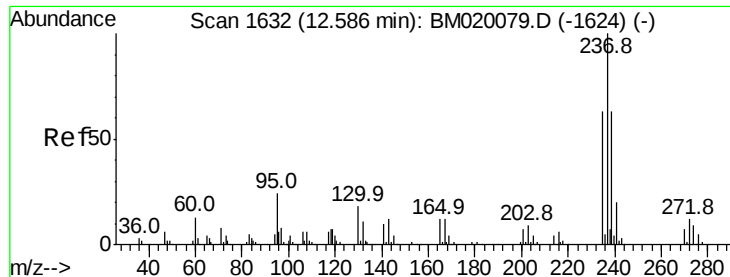
Abundance Ion 216.00 (215.70 to 216.70): E

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

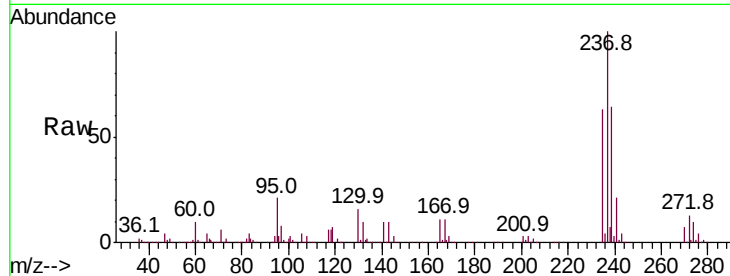




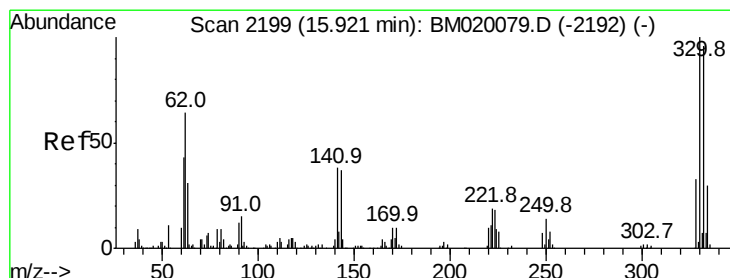
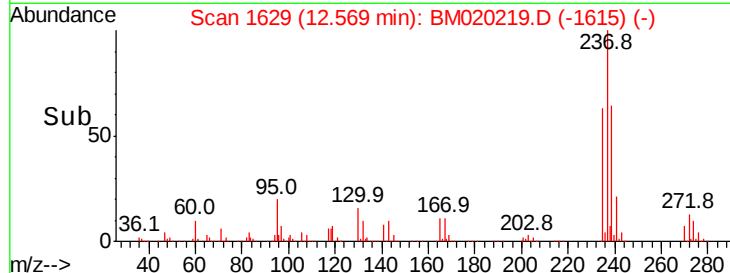
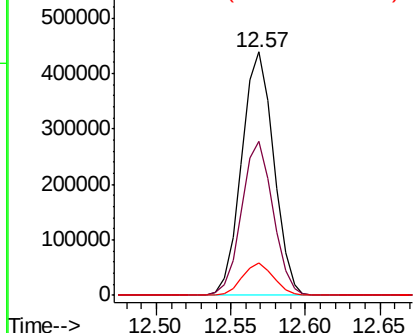
#41
Hexachlorocyclopentadiene
Concen: 113.403 ng
RT: 12.57 min Scan# 1629
Delta R.T. -0.02 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

Instrument :
BNA_M
ClientSampleId :
B-3MS

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.4	83.4
272	13.5	0.0	31.7

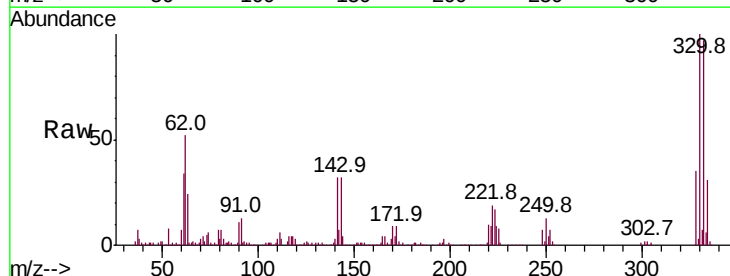


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

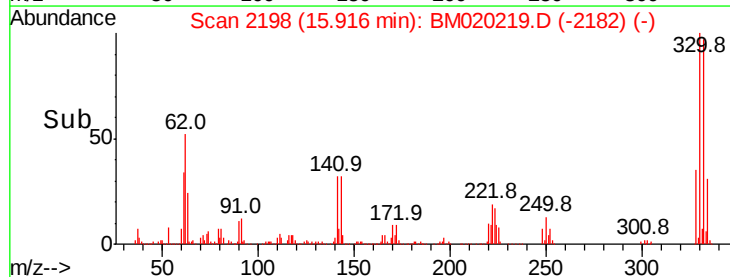
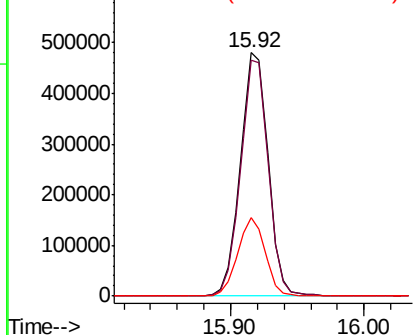


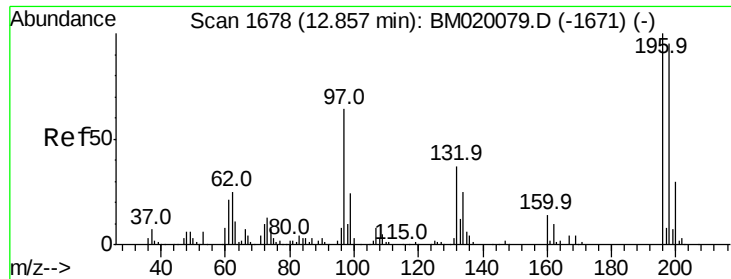
#42
2,4,6-Tribromophenol
Concen: 177.537 ng
RT: 15.92 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	31.7	29.2	43.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

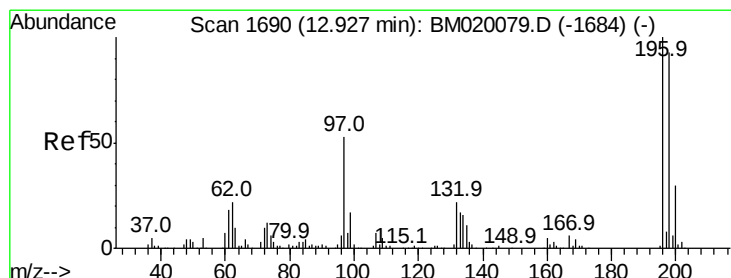
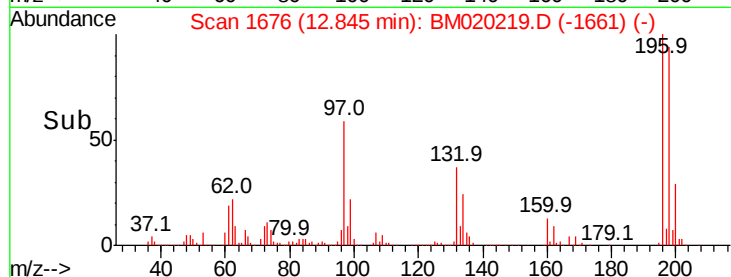
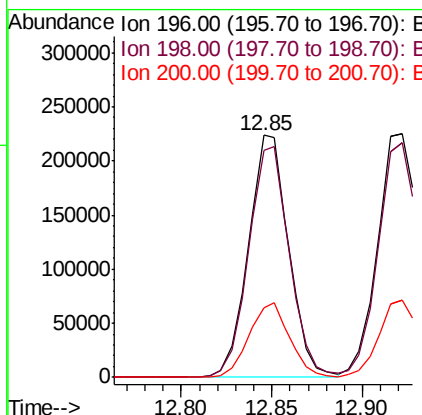
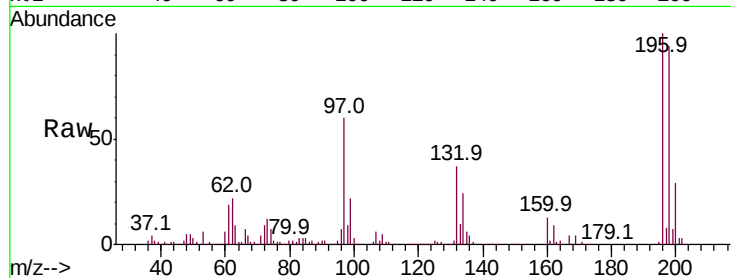




#43
 2,4,6-Trichlorophenol
 Concen: 61.894 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM020219.D
 Acq: 09 May 2019 16:15

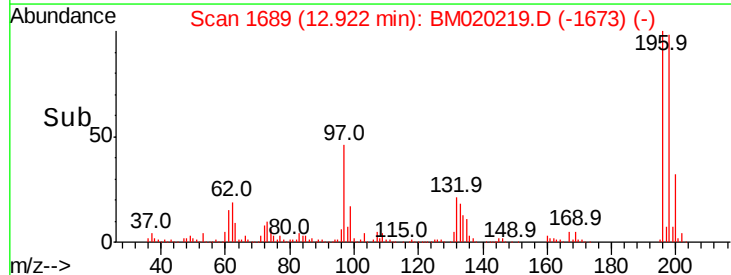
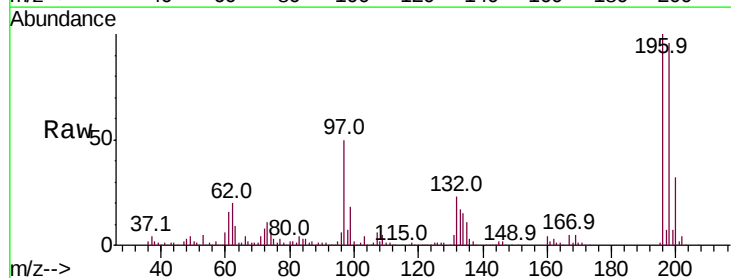
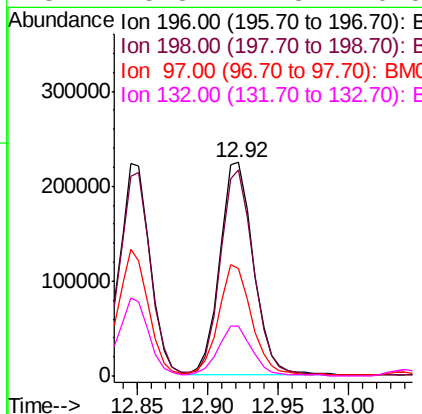
Instrument :
 BNA_M
 ClientSampleId :
 B-3MS

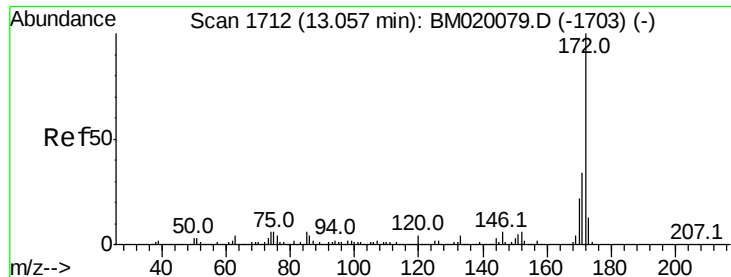
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.2	114.2
200	29.0	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 59.546 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020219.D
 Acq: 09 May 2019 16:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.7	112.1
97	50.1	42.2	63.4
132	23.3	17.8	26.8

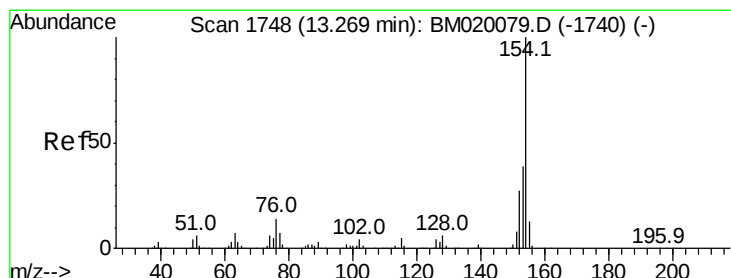
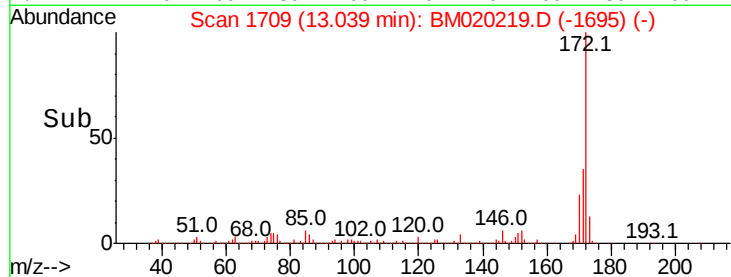
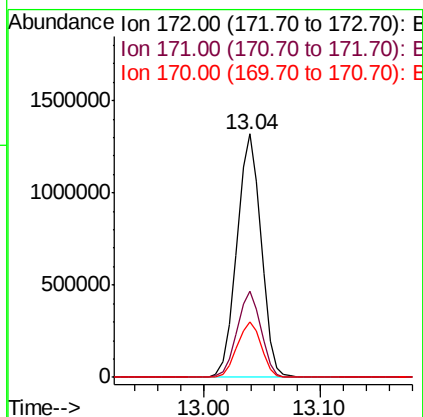
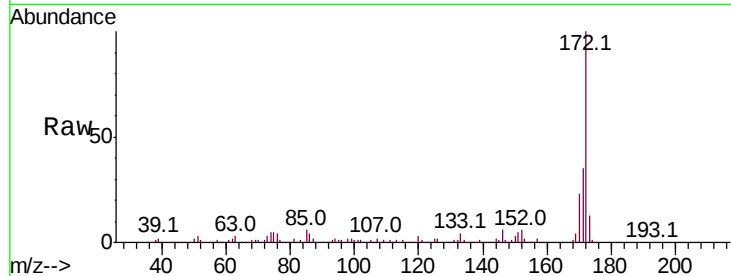




#45
2-Fluorobiphenyl
Concen: 94.238 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

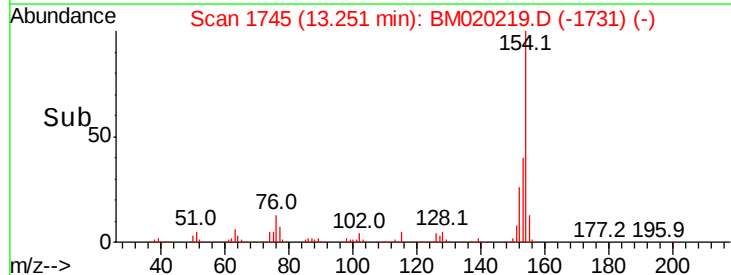
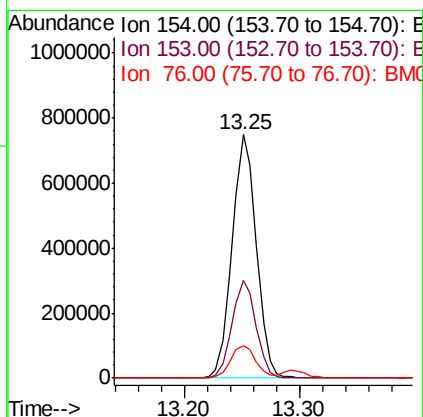
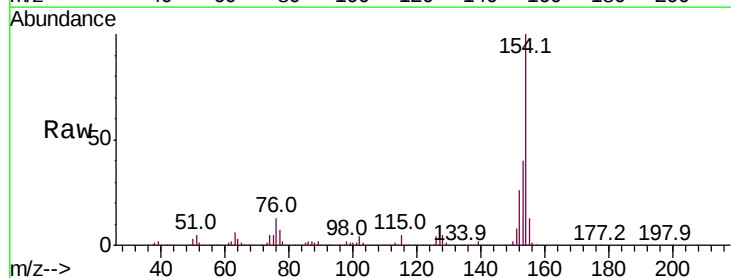
Instrument :
BNA_M
ClientSampleId :
B-3MS

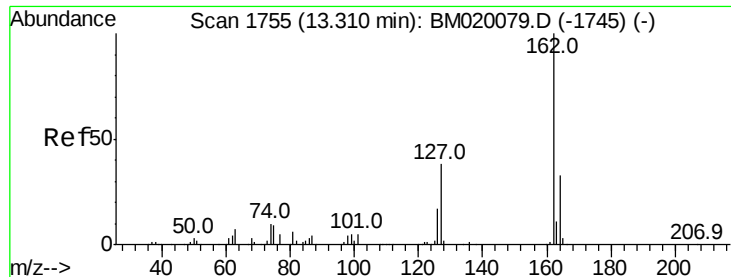
Tot Ion:172 Resp: 1916195
Ion Ratio Lower Upper
172 100
171 35.3 27.3 40.9
170 22.9 17.9 26.9



#46
1,1'-Biphenyl
Concen: 52.800 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

Tgt Ion:154 Resp: 1087247
Ion Ratio Lower Upper
154 100
153 40.3 19.4 59.4
76 13.4 0.0 34.5





#47

2-Chloronaphthalene

Concen: 52.529 ng

RT: 13.30 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

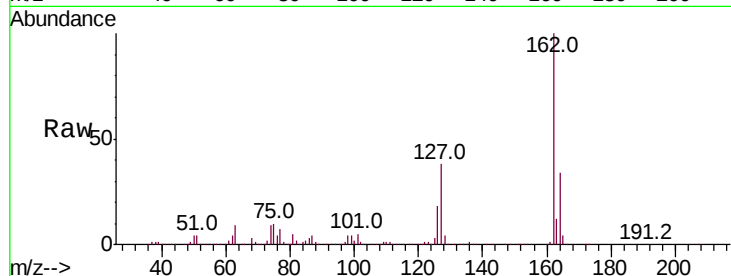
Tot Ion:162 Resp: 863634

Ion Ratio Lower Upper

162 100

127 37.7 31.0 46.4

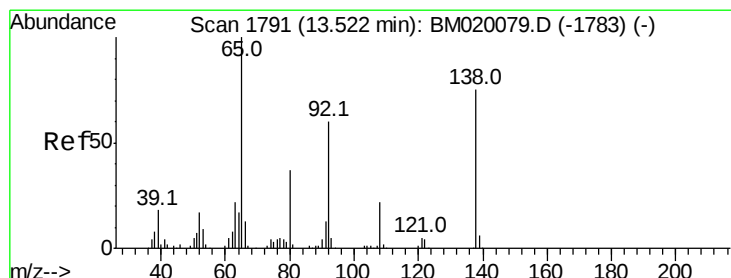
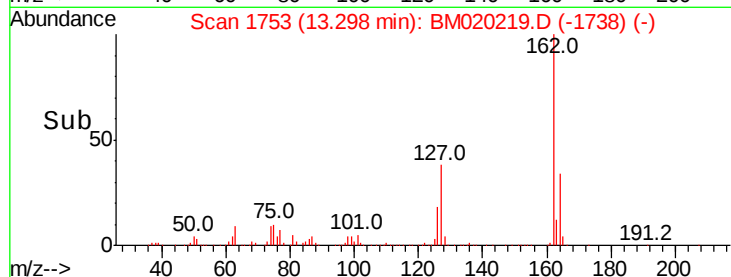
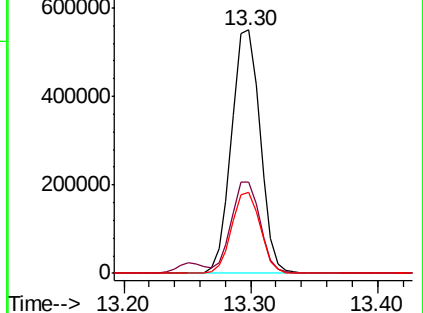
164 33.5 26.2 39.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 52.983 ng

RT: 13.51 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

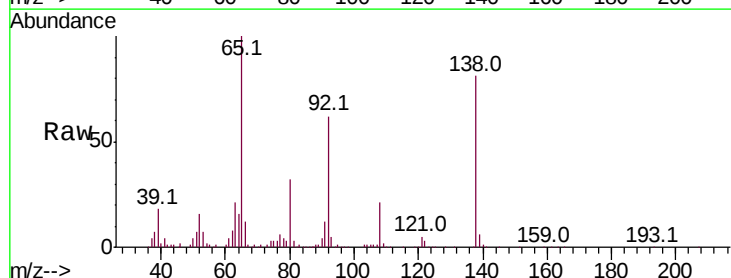
Tgt Ion: 65 Resp: 310125

Ion Ratio Lower Upper

65 100

92 62.2 48.2 72.4

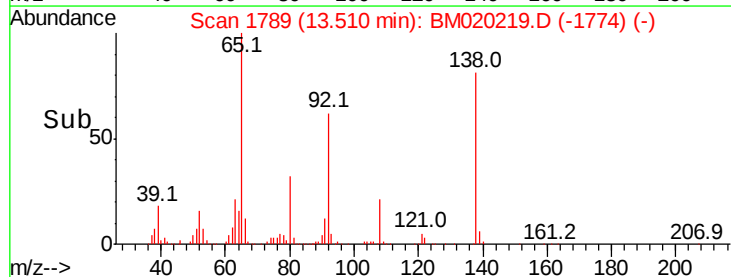
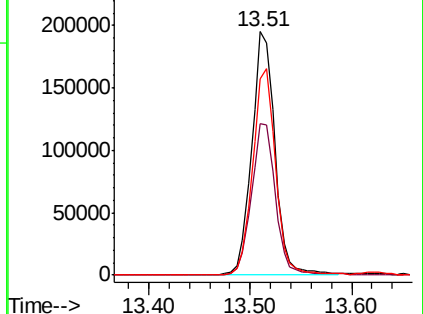
138 80.6 60.3 90.5

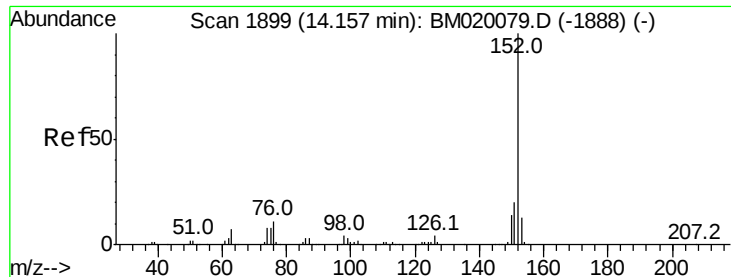


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.818 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

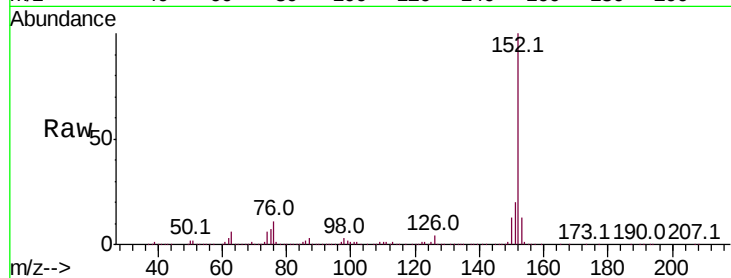
Tot Ion:152 Resp: 1337124

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

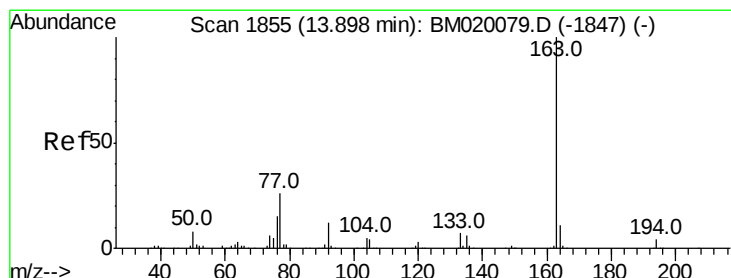
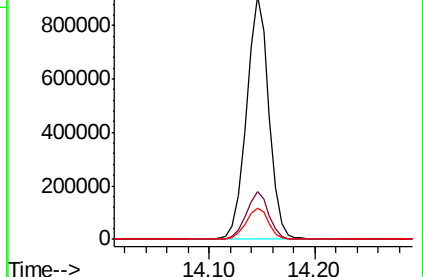
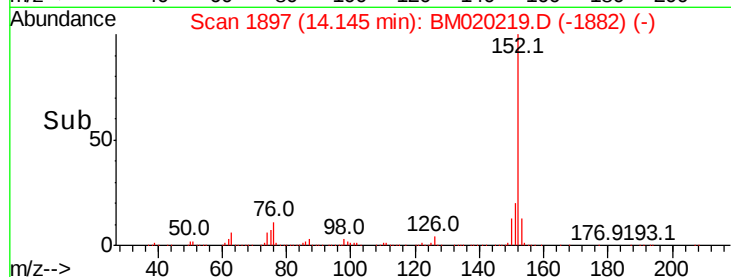
153 12.8 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 63.518 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

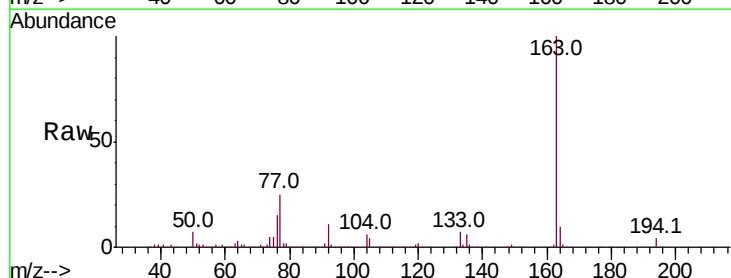
Tgt Ion:163 Resp: 1350584

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

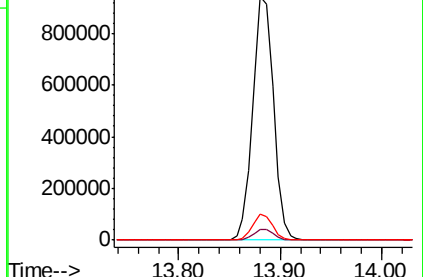
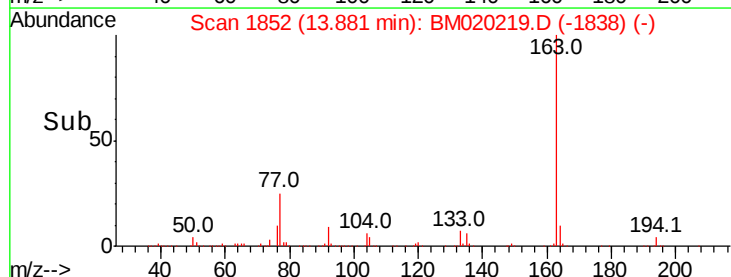
164 10.4 8.4 12.6

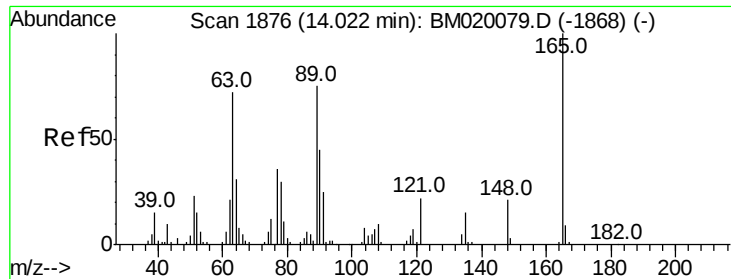


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

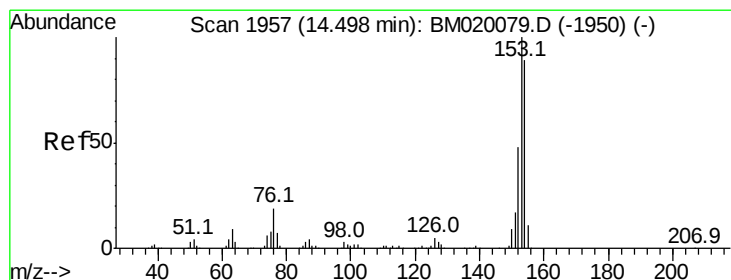
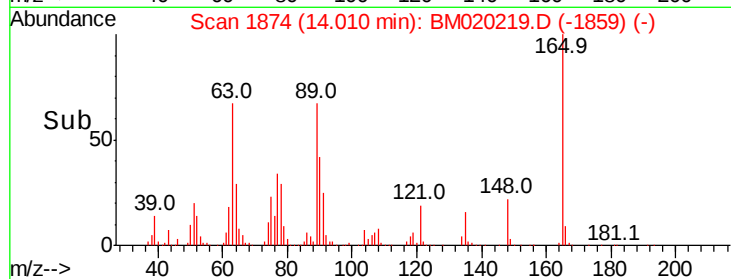
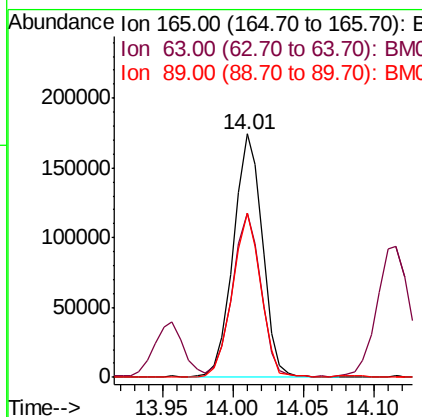
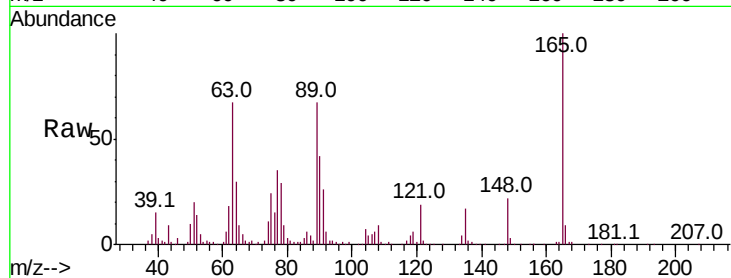




#51
2,6-Dinitrotoluene
Concen: 55.229 ng
RT: 14.01 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

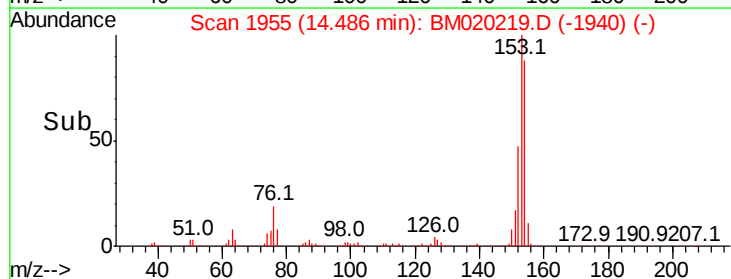
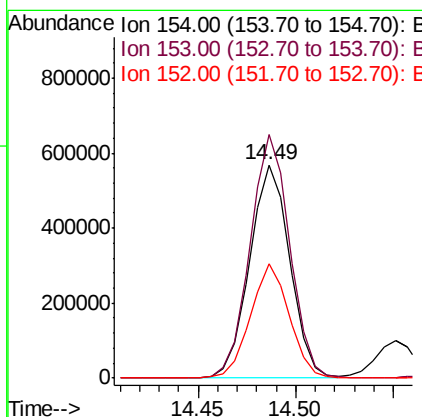
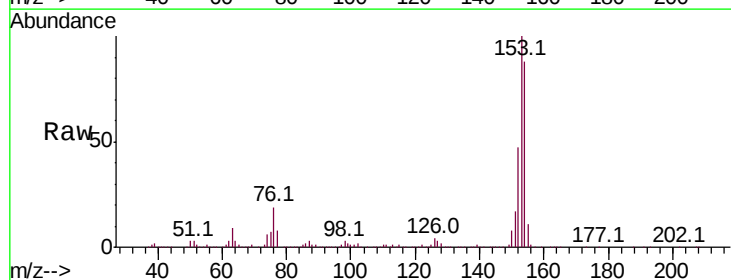
Instrument :
BNA_M
ClientSampleId :
B-3MS

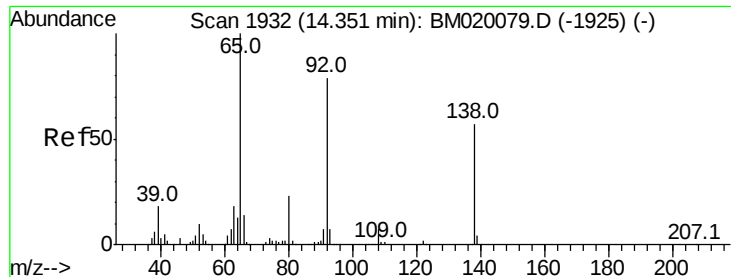
Tot Ion:165 Resp: 247342
Ion Ratio Lower Upper
165 100
63 67.4 60.3 90.5
89 67.2 59.8 89.6



#52
Acenaphthene
Concen: 53.690 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

Tgt Ion:154 Resp: 810120
Ion Ratio Lower Upper
154 100
153 114.3 90.2 135.2
152 53.4 43.0 64.4

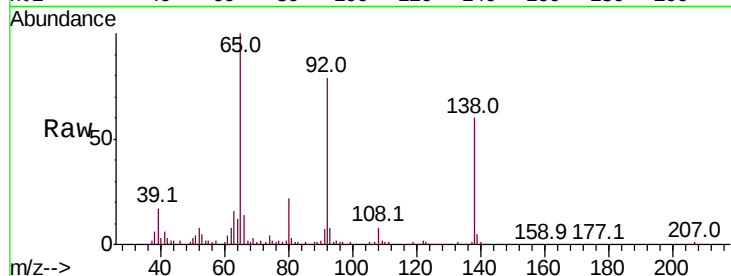




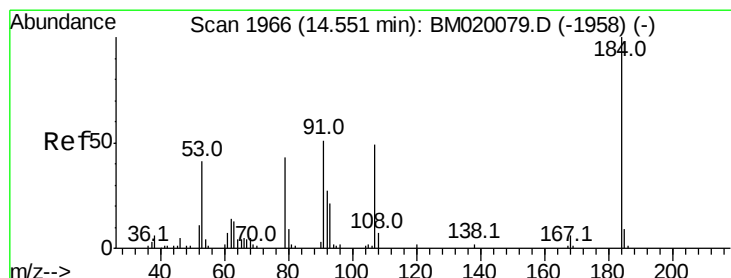
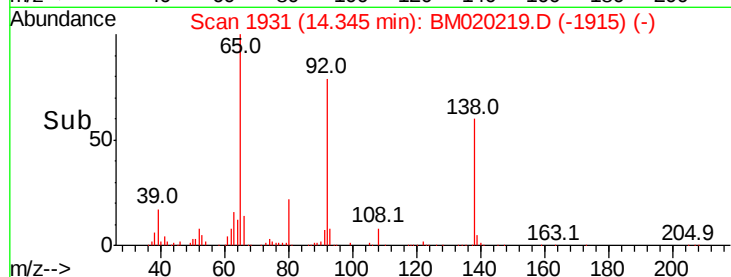
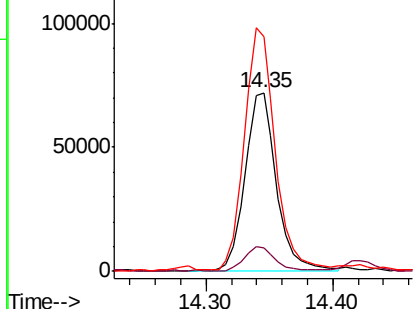
#53
3-Nitroaniline
Concen: 30.035 ng
RT: 14.35 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

Instrument :
BNA_M
ClientSampleId :
B-3MS

Tot Ion:138 Resp: 124844
Ion Ratio Lower Upper
138 100
108 13.0 10.4 15.6
92 131.5 111.3 166.9

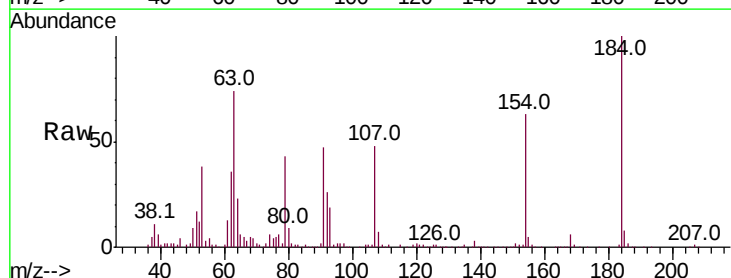


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

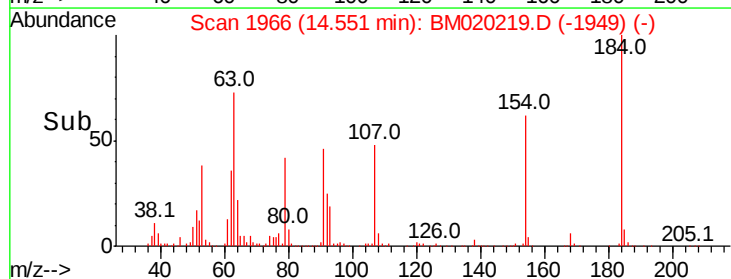
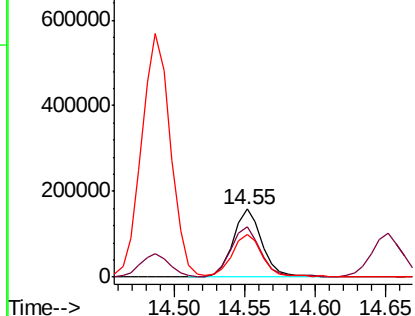


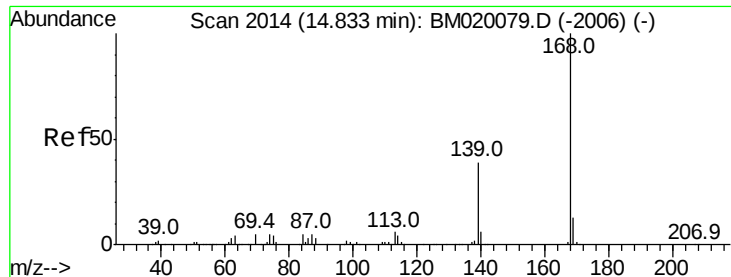
#54
2,4-Dinitrophenol
Concen: 99.186 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

Tgt Ion:184 Resp: 227596
Ion Ratio Lower Upper
184 100
63 73.9 68.9 103.3
154 62.6 54.4 81.6



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

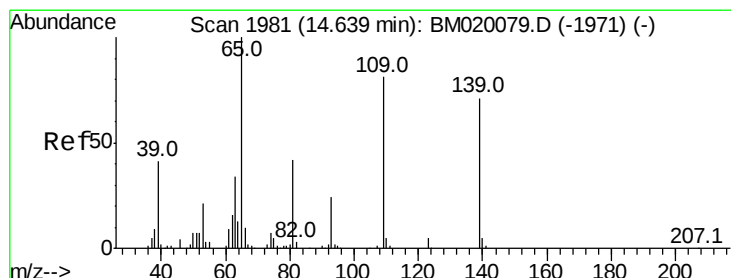
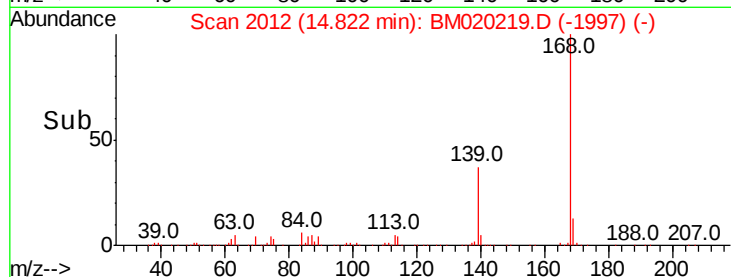
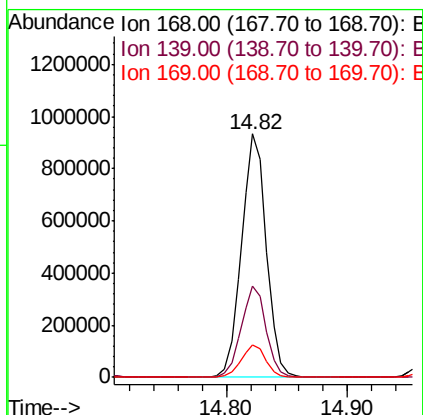
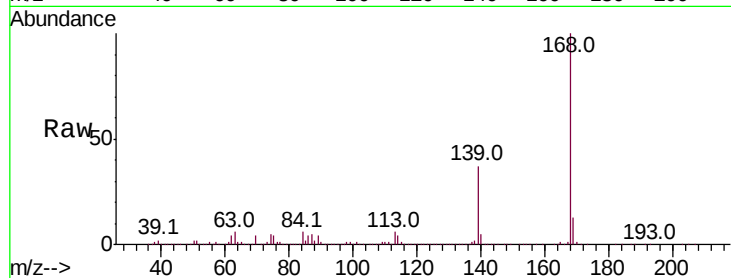




#55
Dibenzofuran
Concen: 52.571 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

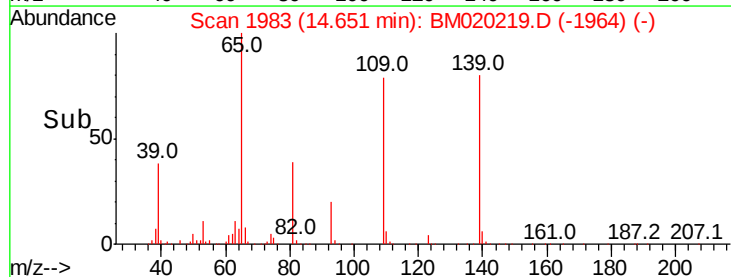
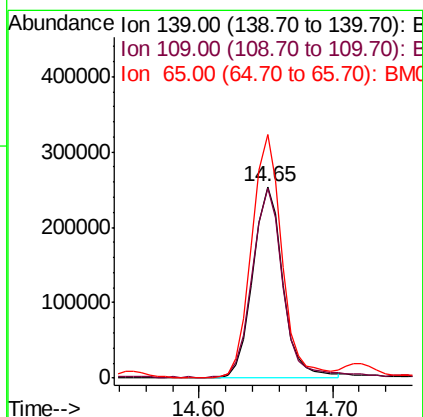
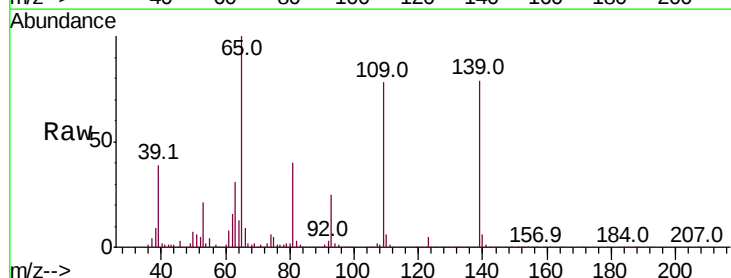
Instrument :
BNA_M
ClientSampleId :
B-3MS

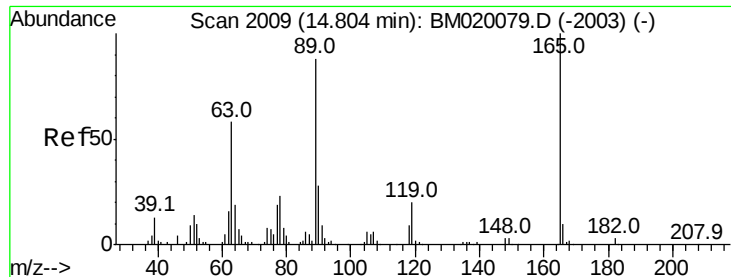
Tot Ion:168 Resp: 1338010
Ion Ratio Lower Upper
168 100
139 37.4 31.1 46.7
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 111.190 ng
RT: 14.65 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

Tgt Ion:139 Resp: 394325
Ion Ratio Lower Upper
139 100
109 99.6 94.1 134.1
65 127.4 120.9 160.9

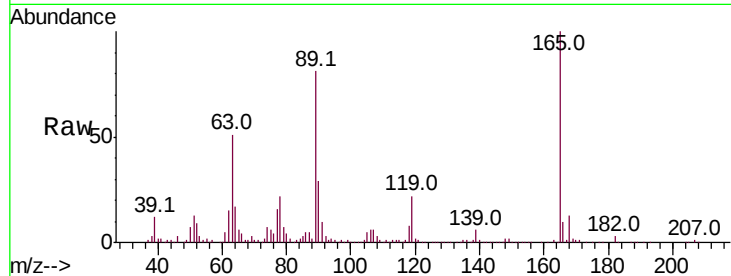




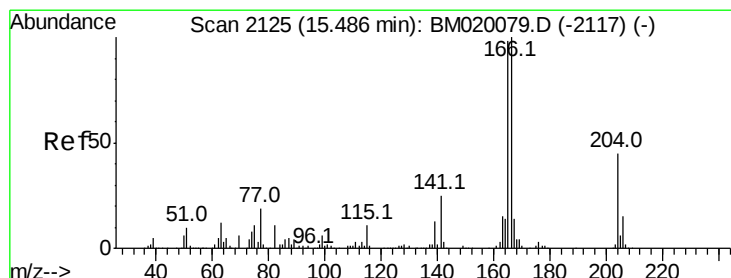
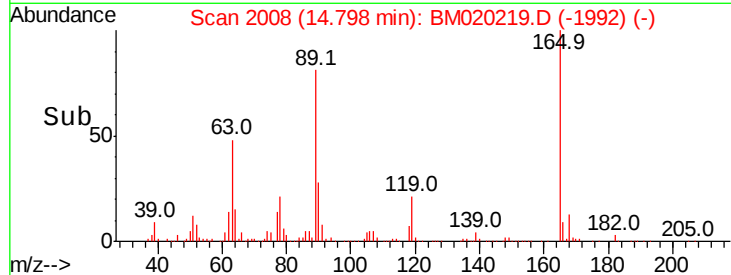
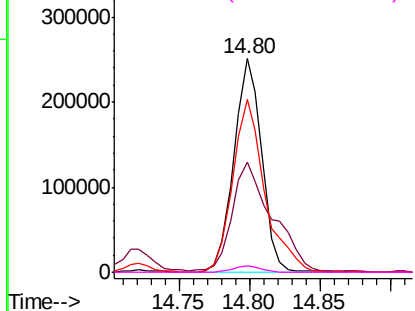
#57
 2,4-Dinitrotoluene
 Concen: 56.366 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM020219.D
 Acq: 09 May 2019 16:15

Instrument :
 BNA_M
 ClientSampleId :
 B-3MS

Tot Ion:165 Resp: 343008
 Ion Ratio Lower Upper
 165 100
 63 51.4 46.2 69.2
 89 80.9 70.6 105.8
 182 3.3 2.2 3.2#

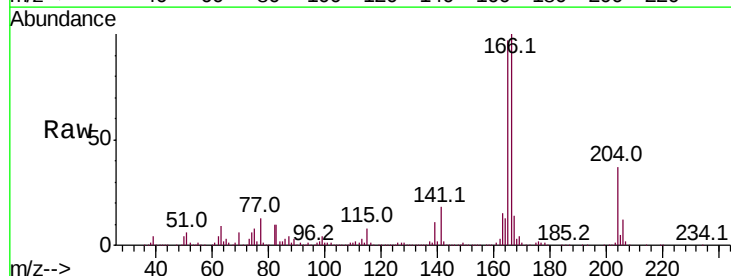


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

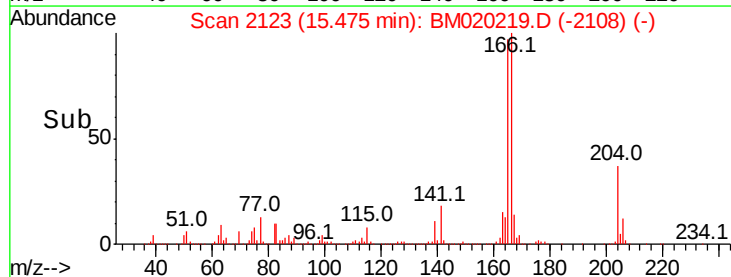
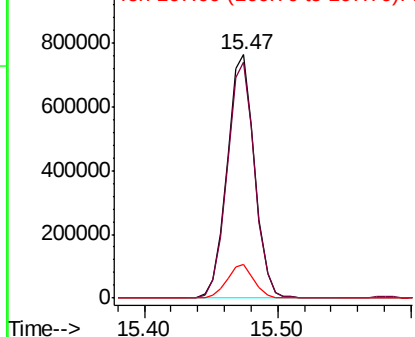


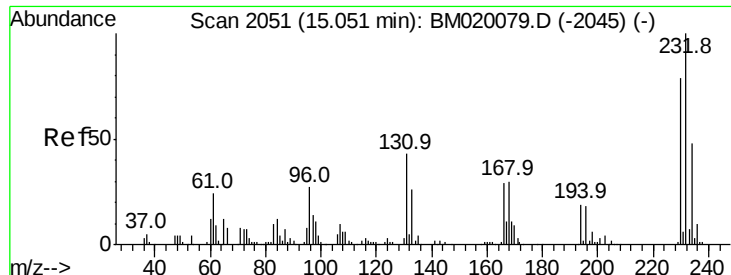
#58
 Fluorene
 Concen: 52.542 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM020219.D
 Acq: 09 May 2019 16:15

Tgt Ion:166 Resp: 1098272
 Ion Ratio Lower Upper
 166 100
 165 97.0 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

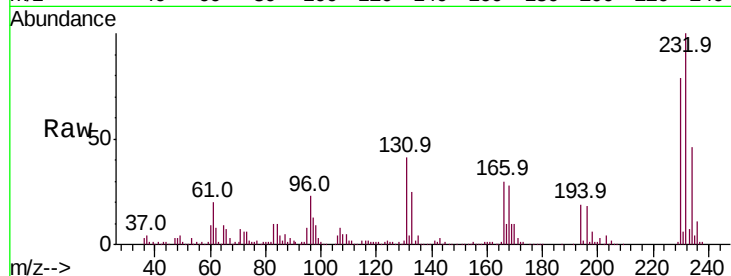




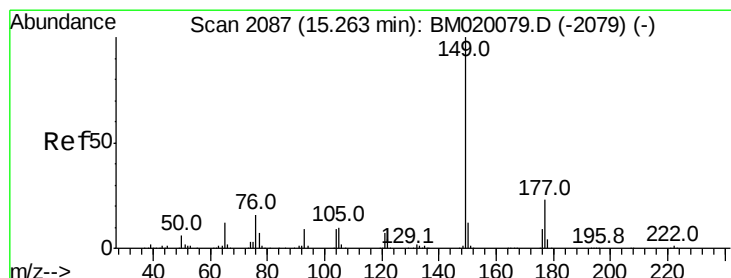
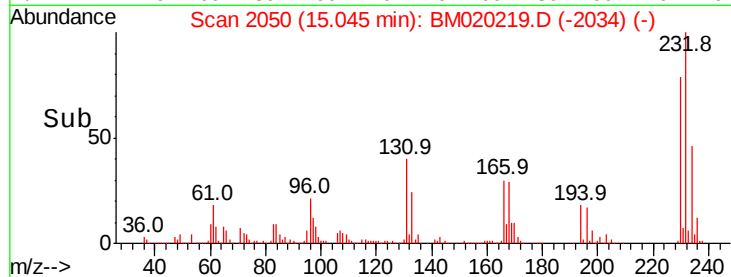
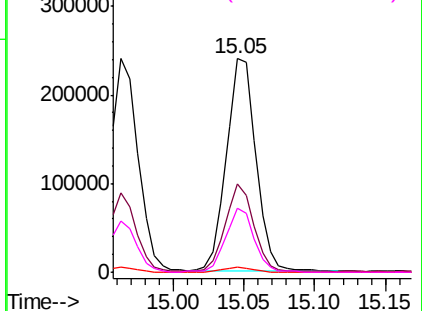
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 59.311 ng
 RT: 15.05 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BM020219.D
 Acq: 09 May 2019 16:15

Instrument :
 BNA_M
 ClientSampleId :
 B-3MS

Tot Ion:	232	Resp:	350260
Ion	Ratio	Lower	Upper
232	100		
131	39.6	34.2	51.4
130	2.4	2.0	3.0
166	28.4	23.8	35.8

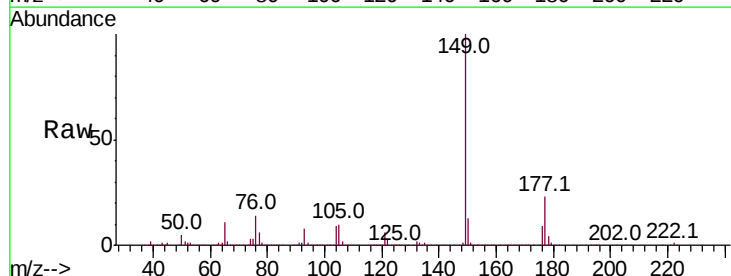


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

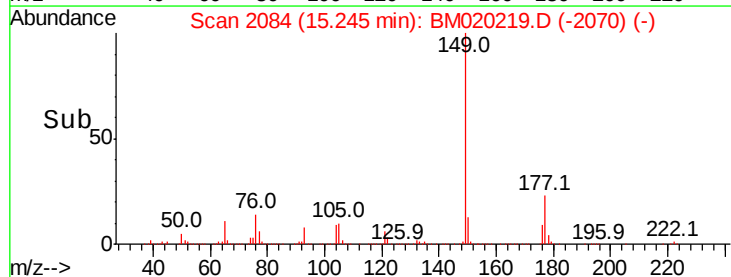
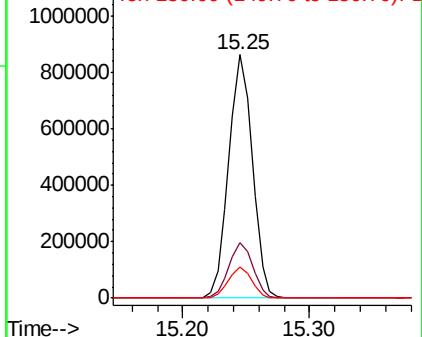


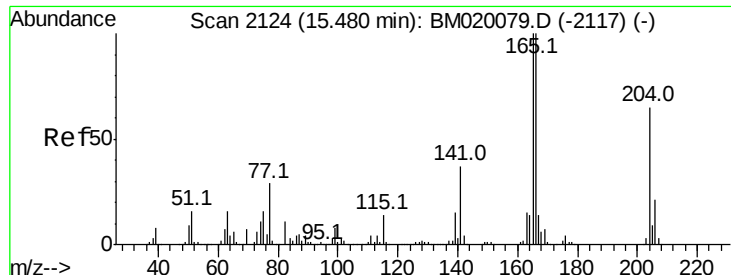
#60
 Diethylphthalate
 Concen: 51.938 ng
 RT: 15.25 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BM020219.D
 Acq: 09 May 2019 16:15

Tgt Ion:	149	Resp:	1112628
Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.2	27.4
150	12.6	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

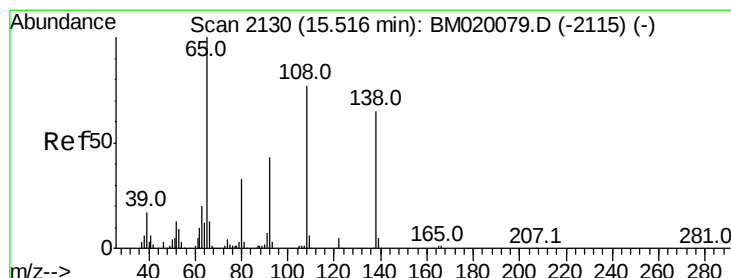
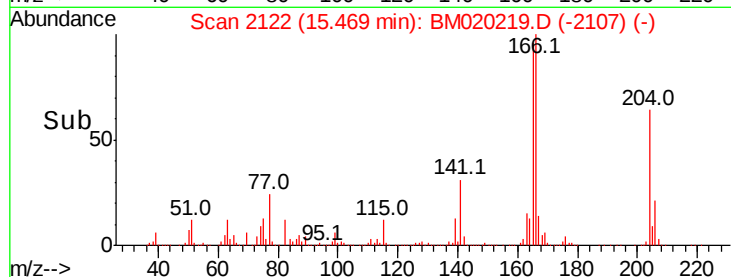
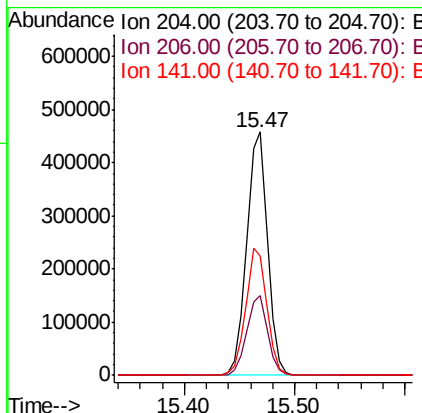
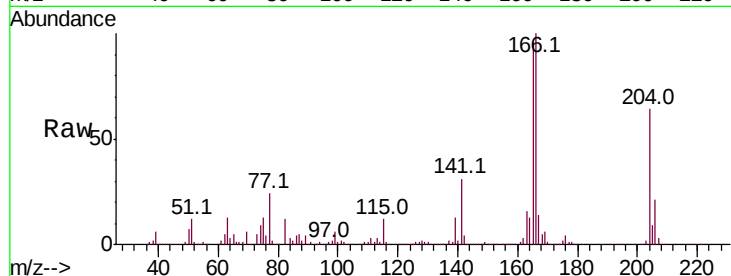




#61
4-Chlorophenyl-phenylether
Concen: 51.443 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

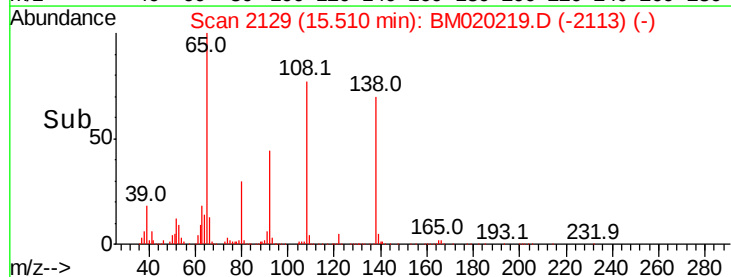
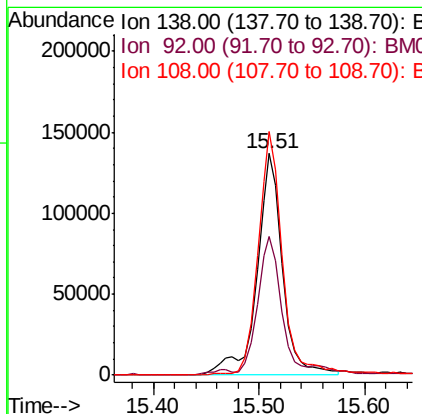
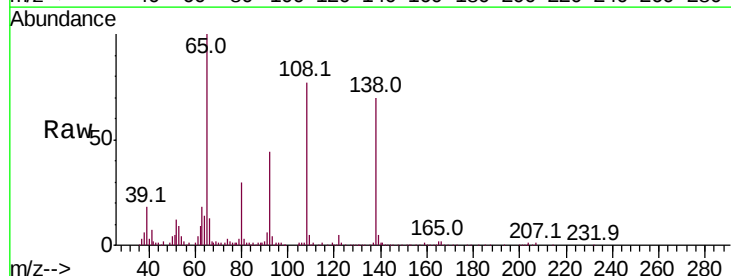
Instrument :
BNA_M
ClientSampleId :
B-3MS

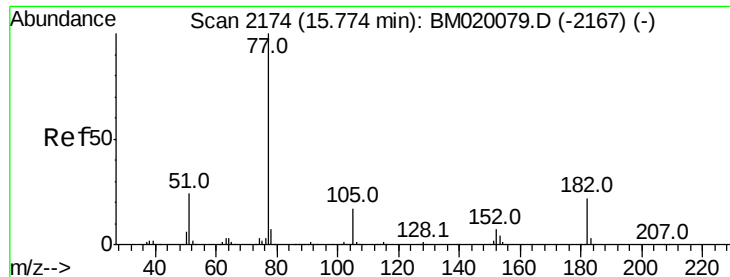
Tot Ion:204 Resp: 609256
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 49.3 46.1 69.1



#62
4-Nitroaniline
Concen: 50.455 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

Tgt Ion:138 Resp: 231442
Ion Ratio Lower Upper
138 100
92 62.6 45.9 85.9
108 109.9 97.7 137.7





#63

Azobenzene

Concen: 46.998 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

Tot Ion: 77 Resp: 1187751

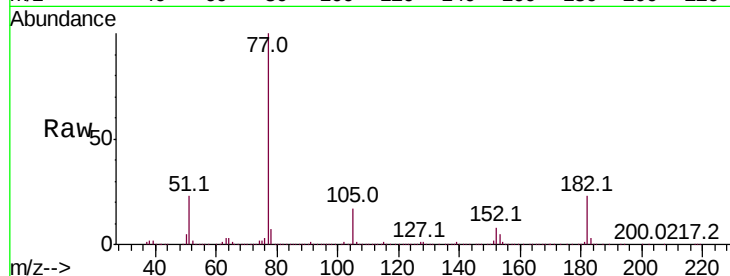
Ion Ratio Lower Upper

77 100

182 22.9 2.1 42.1

105 16.5 0.0 36.8

51 22.5 3.8 43.8

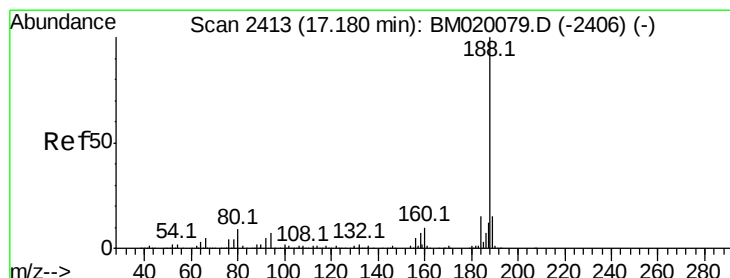
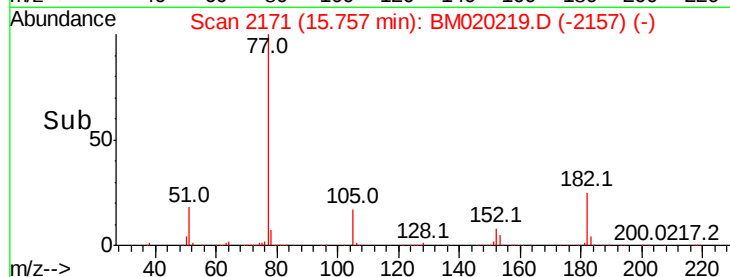
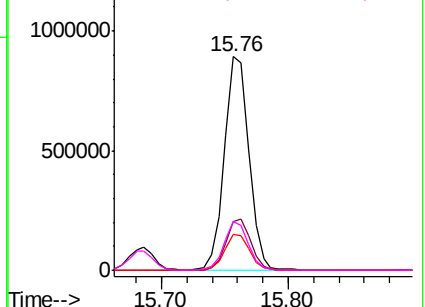


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: BM020219.D

Acq: 09 May 2019 16:15

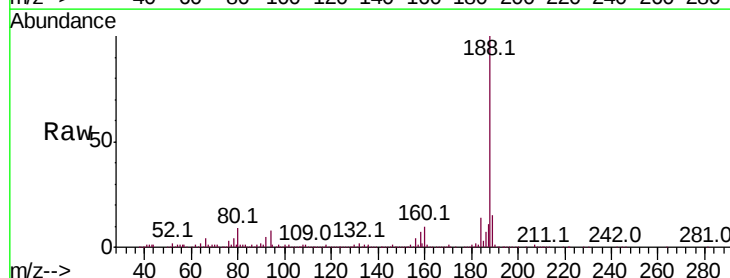
Tgt Ion: 188 Resp: 591995

Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.6

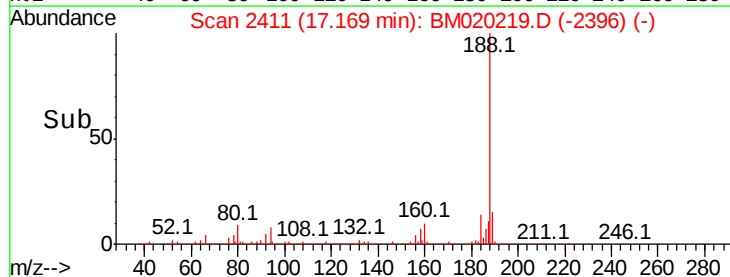
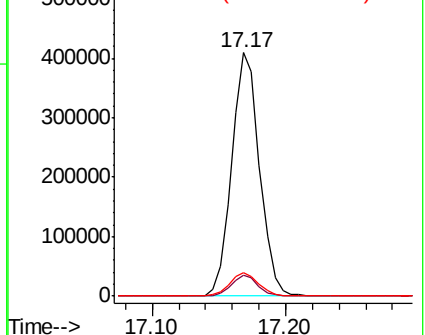
80 9.4 7.4 11.2

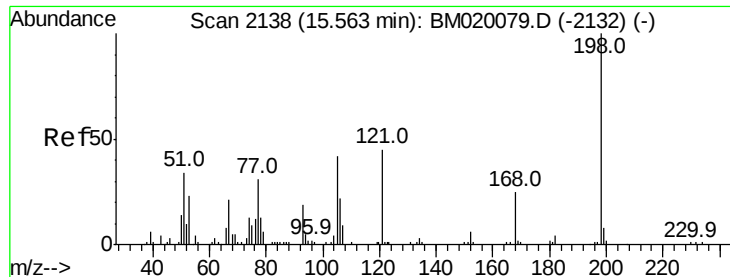


Abundance Ion 188.00 (187.70 to 188.70): E

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: 62.816 ng

RT: 15.56 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

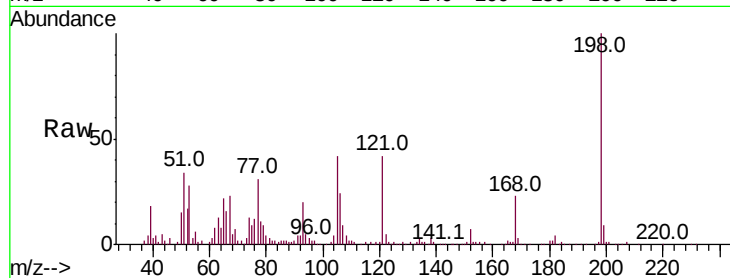
Tot Ion:198 Resp: 195391

Ion Ratio Lower Upper

198 100

51 34.4 16.5 56.5

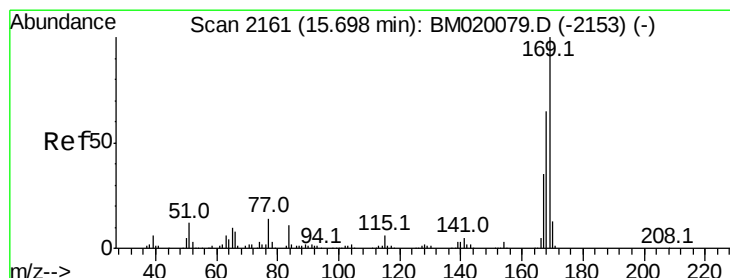
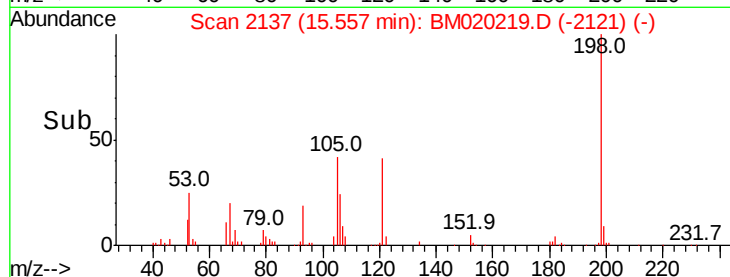
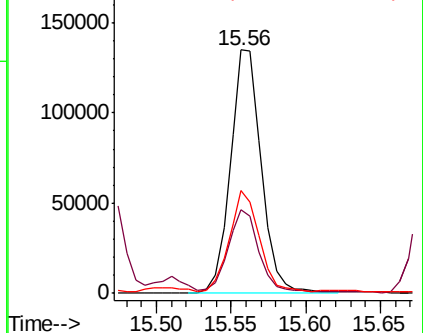
105 42.4 22.8 62.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 54.286 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

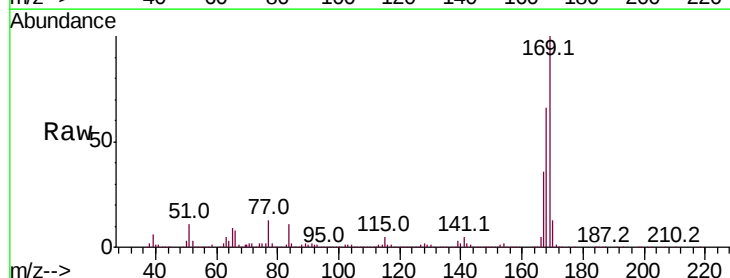
Tgt Ion:169 Resp: 945644

Ion Ratio Lower Upper

169 100

168 66.4 51.9 77.9

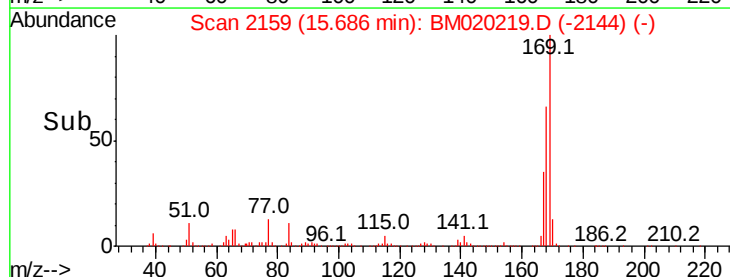
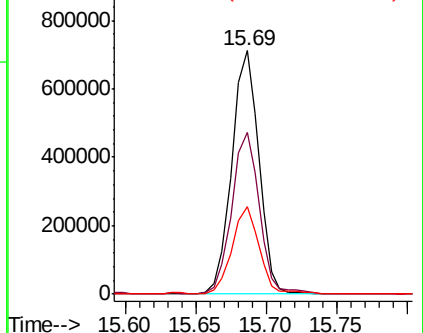
167 35.7 27.8 41.6

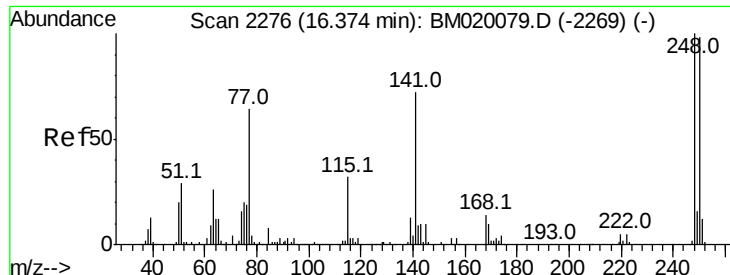


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

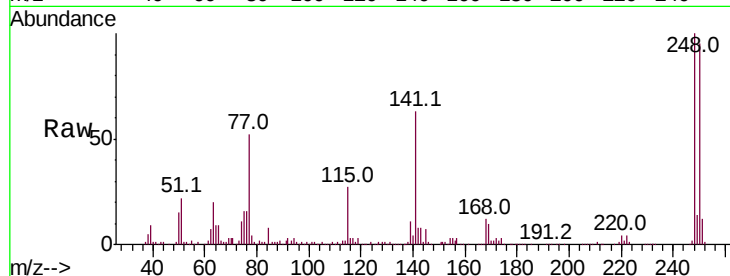




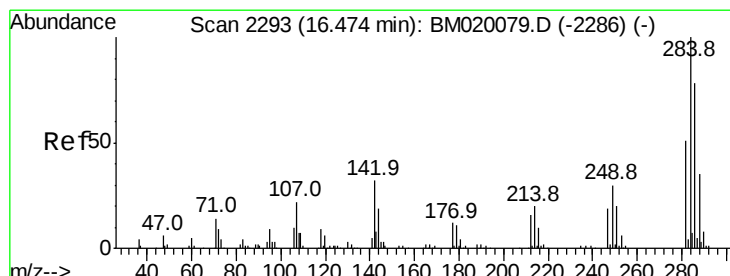
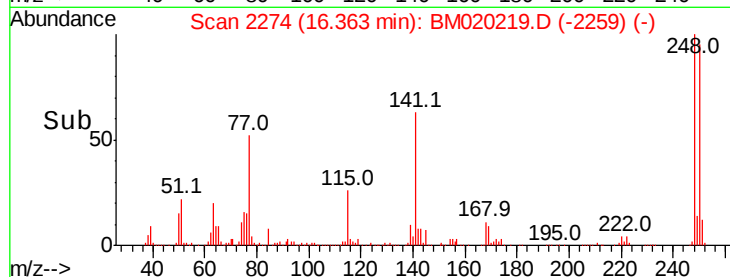
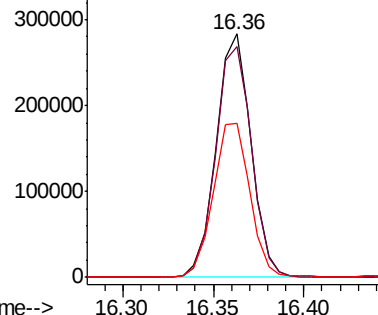
#67
4-Bromophenyl-phenylether
Concen: 52.080 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

Instrument :
BNA_M
ClientSampleId :
B-3MS

Tot Ion:248 Resp: 378072
Ion Ratio Lower Upper
248 100
250 94.7 78.4 117.6
141 63.3 57.4 86.2

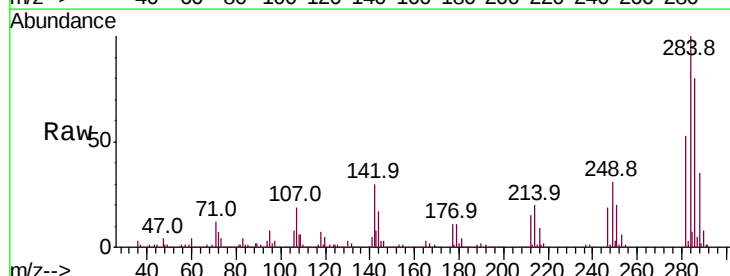


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

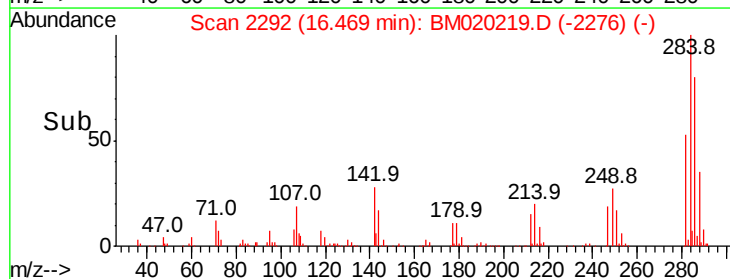
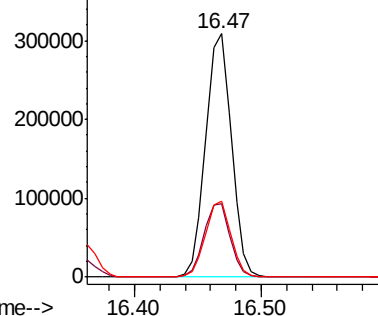


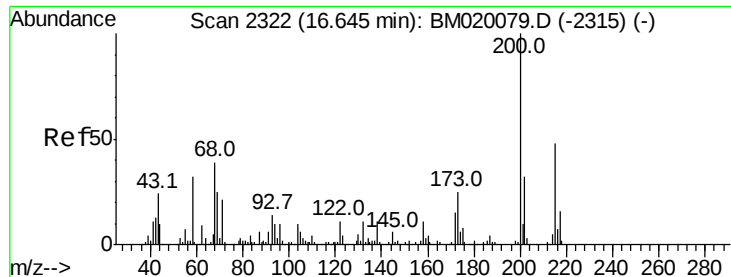
#68
Hexachlorobenzene
Concen: 51.918 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

Tgt Ion:284 Resp: 433704
Ion Ratio Lower Upper
284 100
142 30.0 25.2 37.8
249 31.1 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

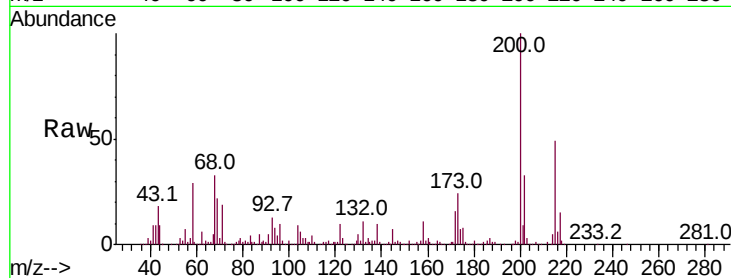




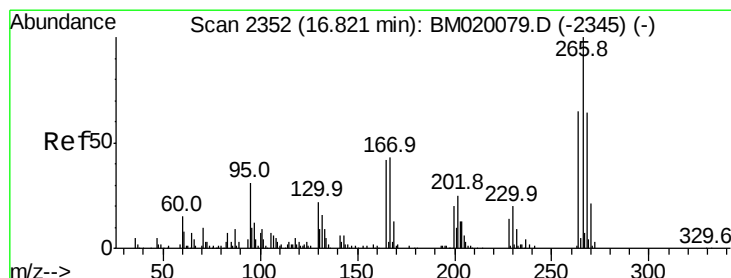
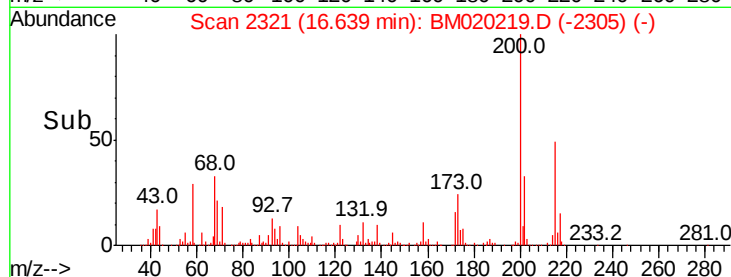
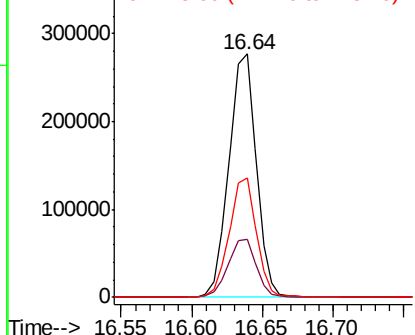
#69
 Atrazine
 Concen: 55.290 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM020219.D
 Acq: 09 May 2019 16:15

Instrument :
 BNA_M
 ClientSampleId :
 B-3MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	4.6	44.6
215	48.8	28.0	68.0

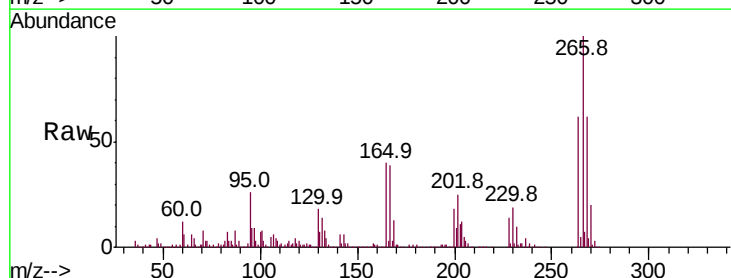


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

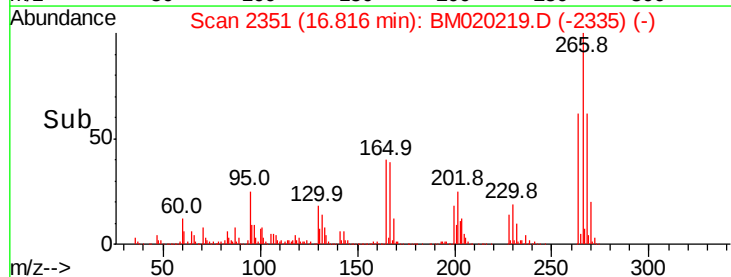
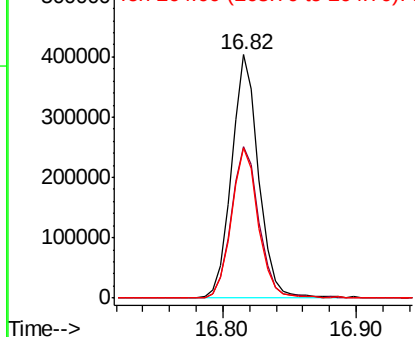


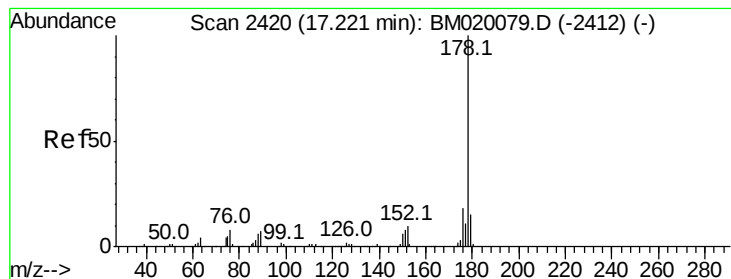
#70
 Pentachlorophenol
 Concen: 119.253 ng
 RT: 16.82 min Scan# 2351
 Delta R.T. -0.01 min
 Lab File: BM020219.D
 Acq: 09 May 2019 16:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.4	77.0
264	61.8	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: 63.409 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

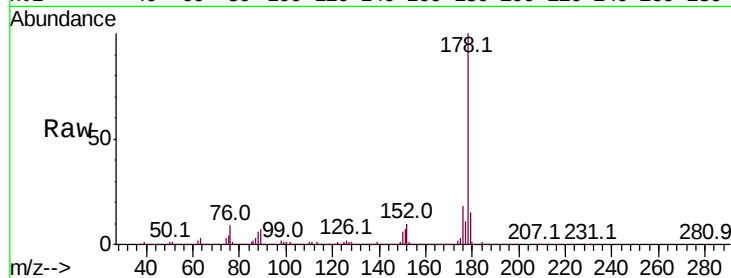
Tot Ion:178 Resp: 2072108

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

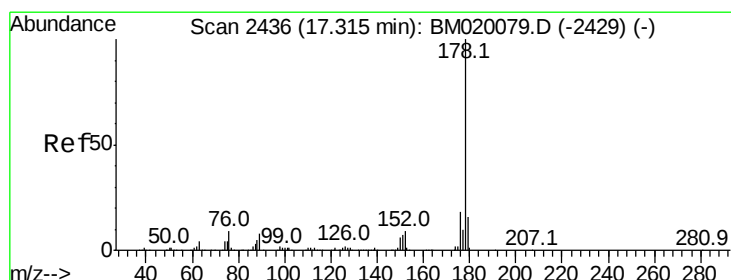
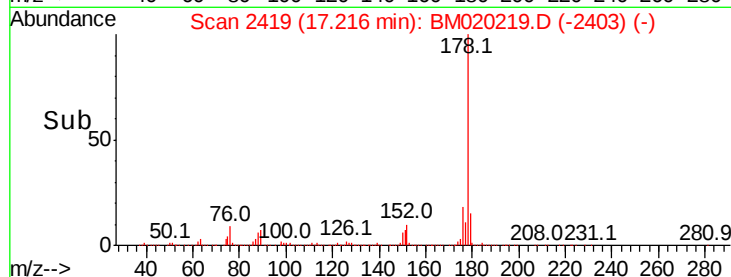
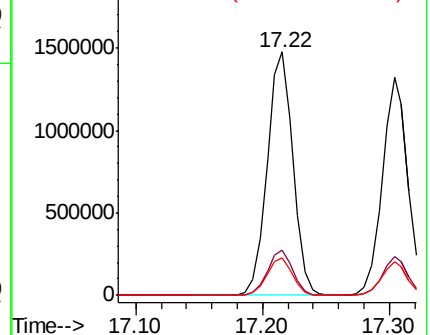
179 15.4 12.4 18.6



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



#72

Anthracene

Concen: 56.060 ng

RT: 17.30 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

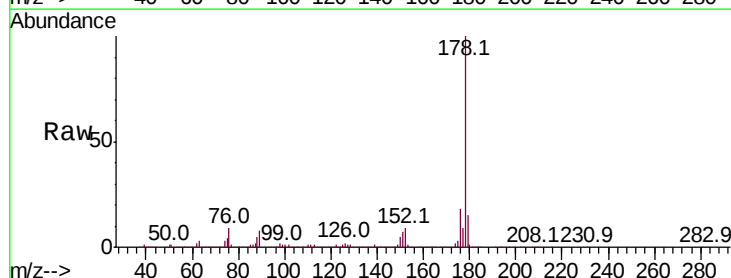
Tgt Ion:178 Resp: 1831639

Ion Ratio Lower Upper

178 100

176 18.0 14.6 22.0

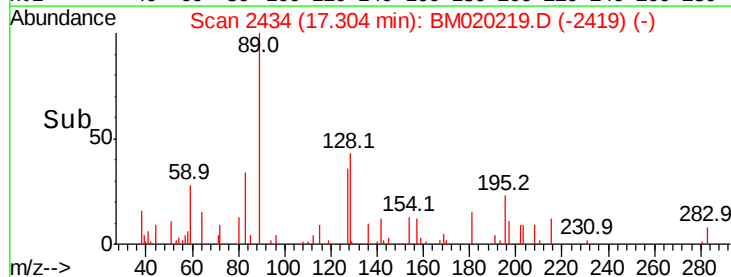
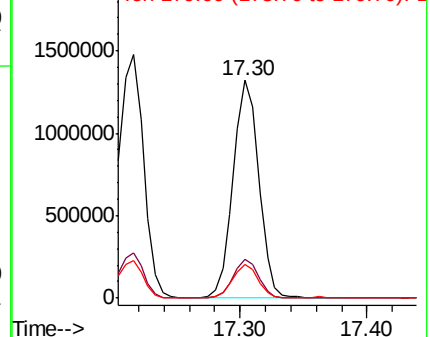
179 15.2 12.4 18.6

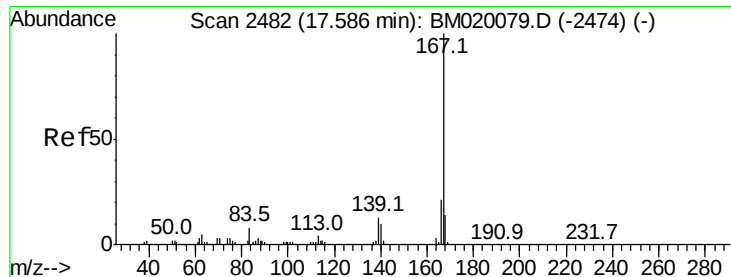


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 54.281 ng

RT: 17.58 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

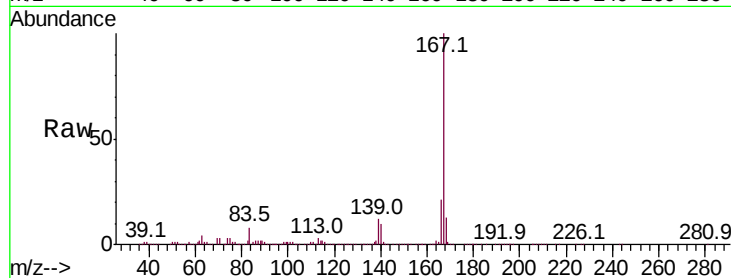
BNA_M

ClientSampleId :

B-3MS

Tot Ion:167 Resp: 1600266

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	12.3	10.6	16.0

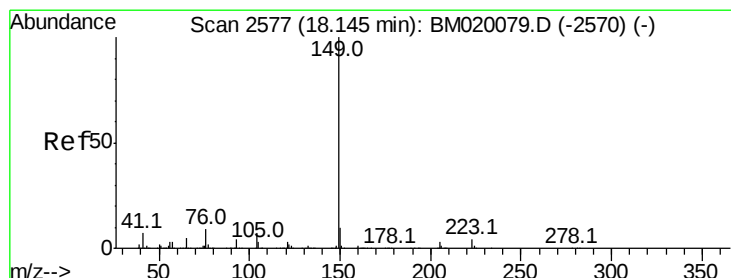
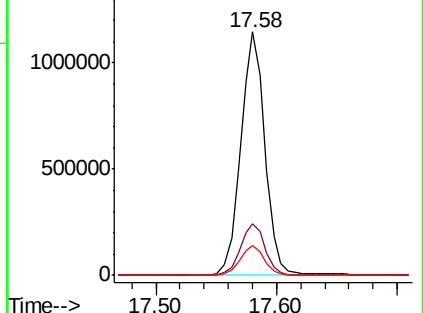
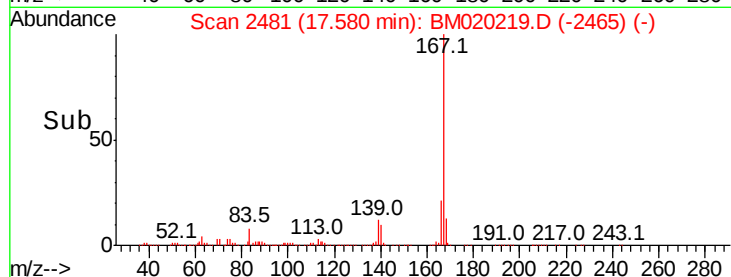


Abundance

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: 52.734 ng

RT: 18.13 min Scan# 2575

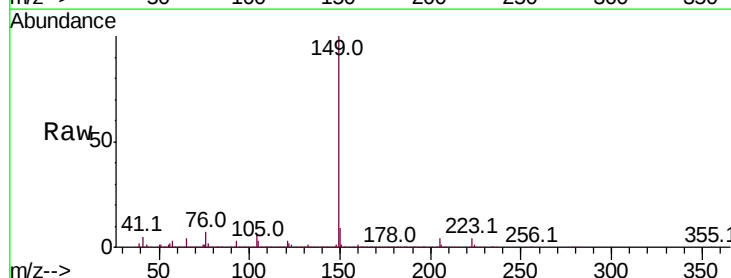
Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Tgt Ion:149 Resp: 1870948

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	6.0	5.7	8.5

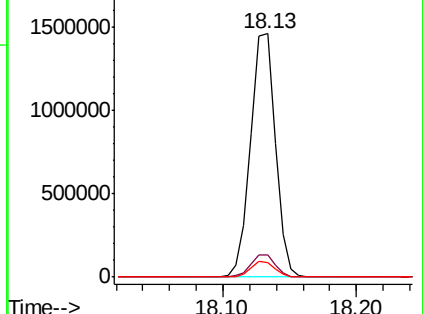
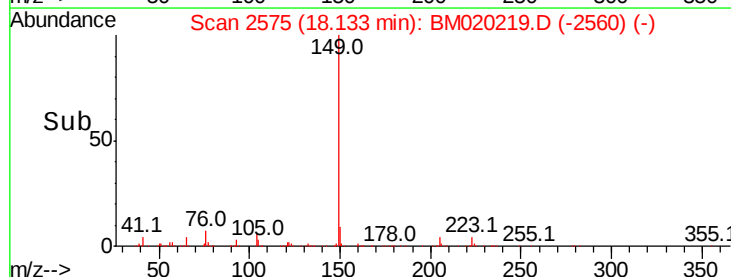


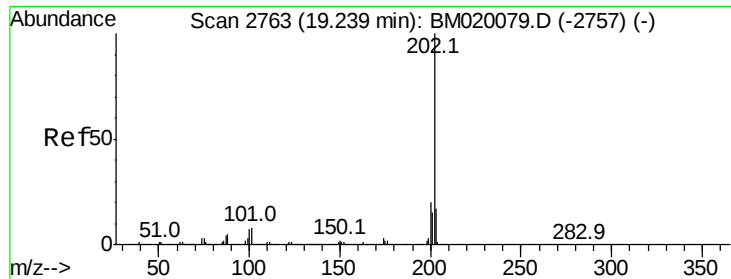
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 61.712 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

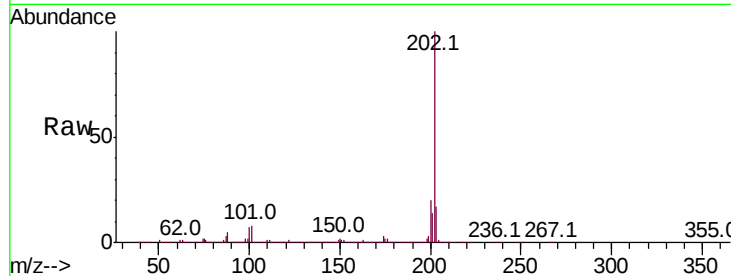
Tot Ion:202 Resp: 2551609

Ion Ratio Lower Upper

202 100

101 8.2 0.0 28.4

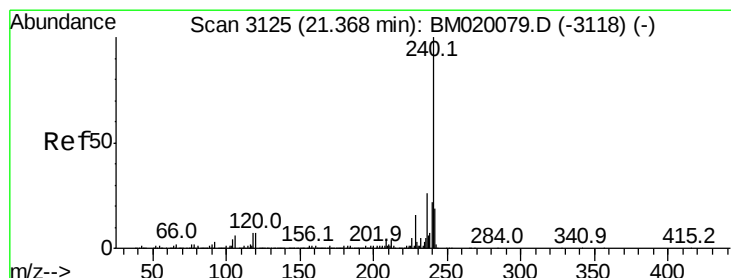
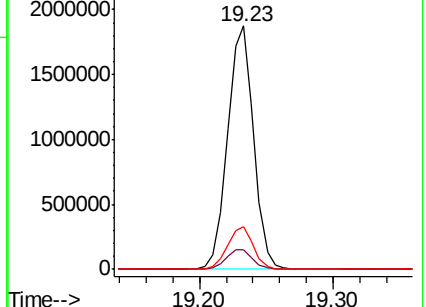
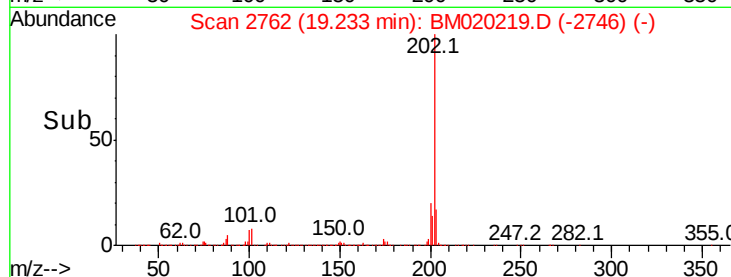
203 17.3 0.0 37.4



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# 3123

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

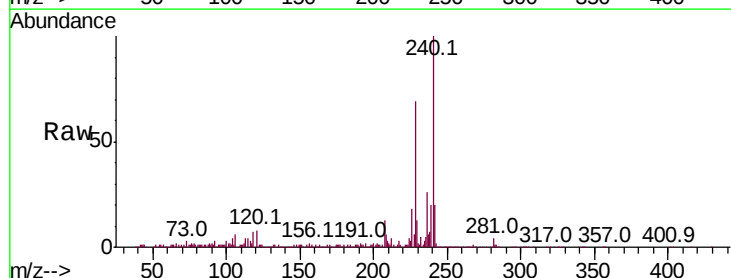
Tgt Ion:240 Resp: 622945

Ion Ratio Lower Upper

240 100

120 8.1 5.6 8.4

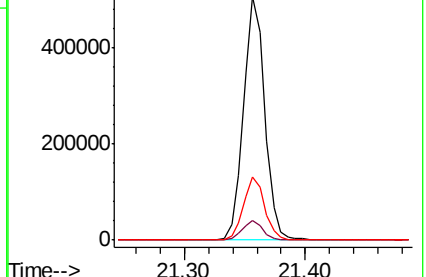
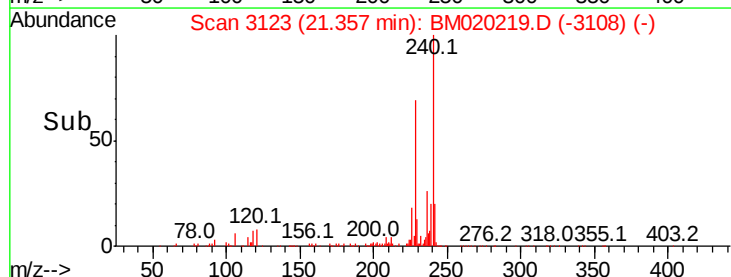
236 26.0 20.9 31.3

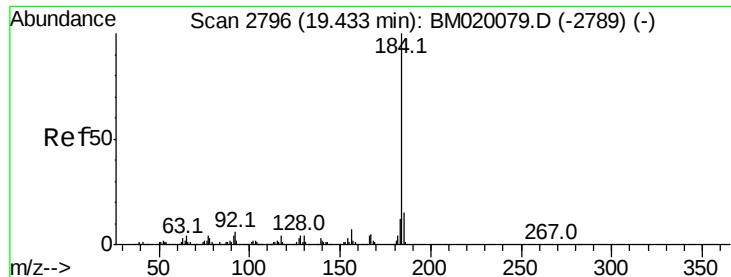


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.561 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

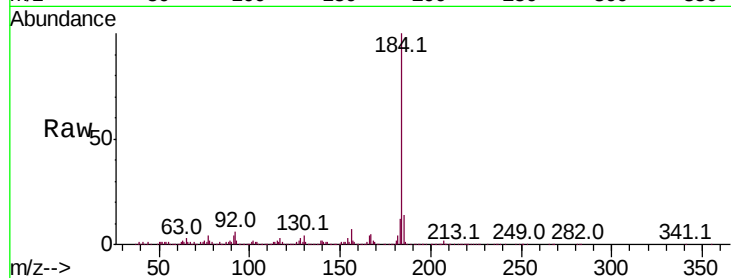
Tot Ion:184 Resp: 907387

Ion Ratio Lower Upper

184 100

185 14.0 12.0 18.0

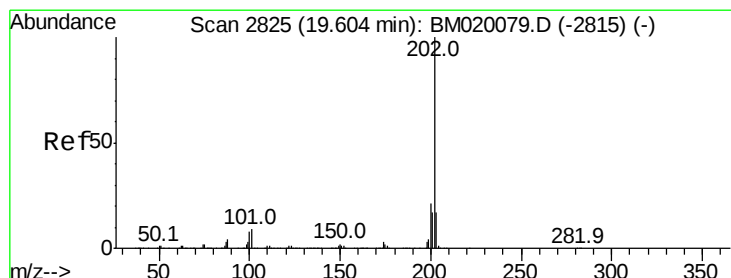
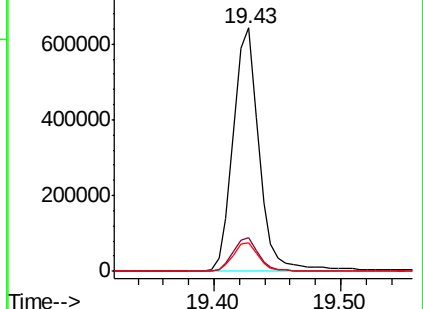
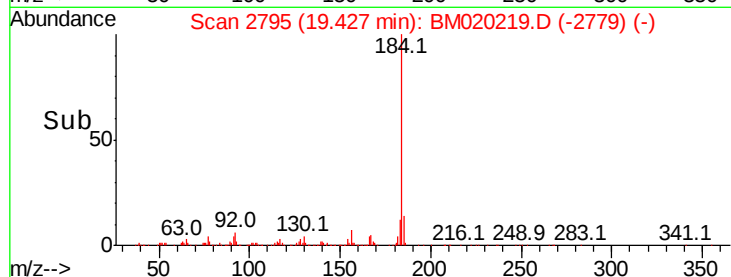
183 11.7 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 60.763 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

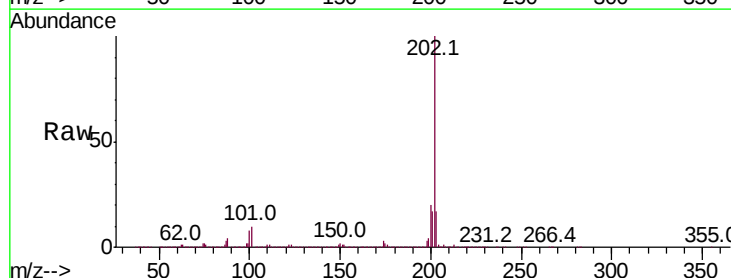
Tgt Ion:202 Resp: 2541357

Ion Ratio Lower Upper

202 100

200 19.6 16.5 24.7

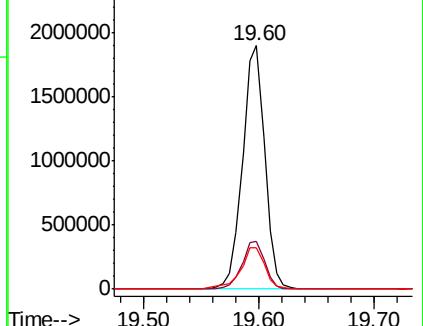
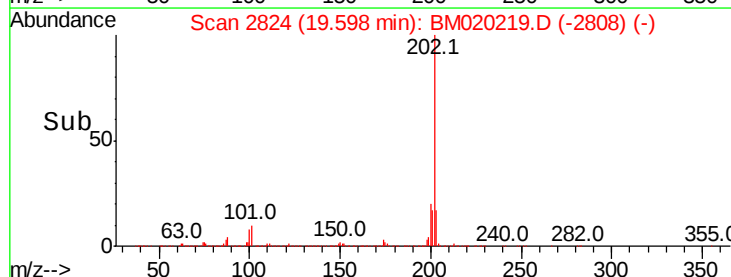
203 17.1 13.9 20.9

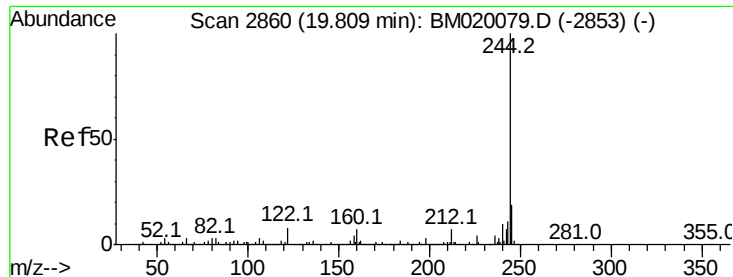


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.123 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

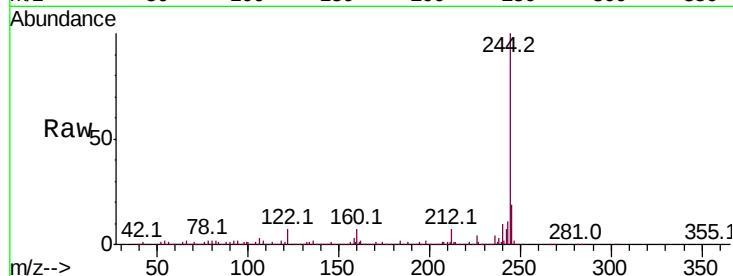
Tot Ion:244 Resp: 3397288

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

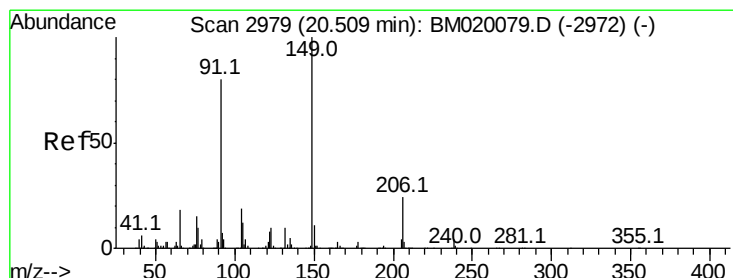
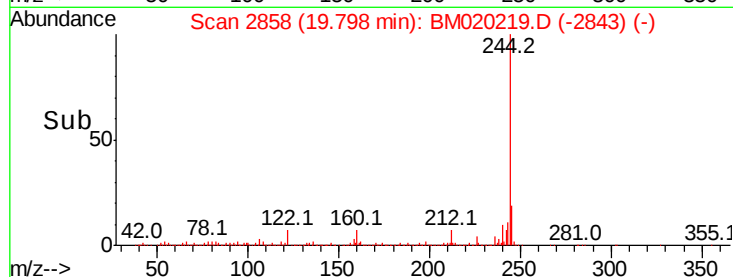
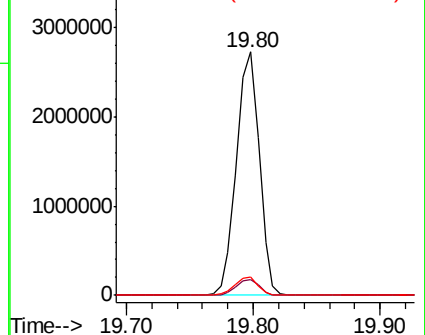
122 7.5 6.2 9.2



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: 58.534 ng

RT: 20.49 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

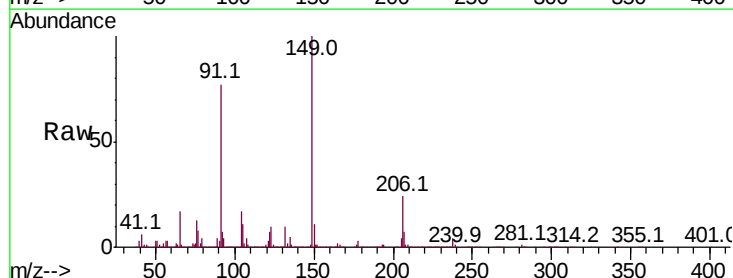
Tgt Ion:149 Resp: 890267

Ion Ratio Lower Upper

149 100

91 76.7 63.8 95.8

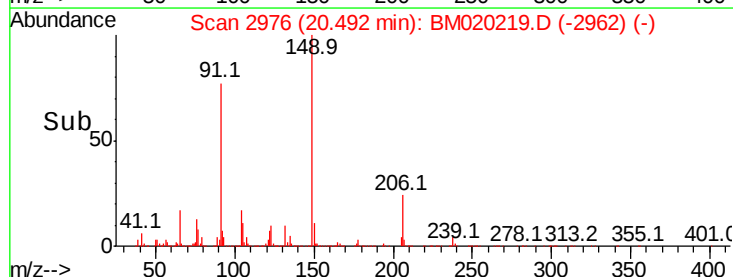
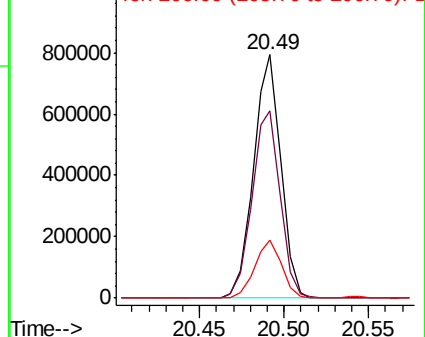
206 23.6 18.9 28.3

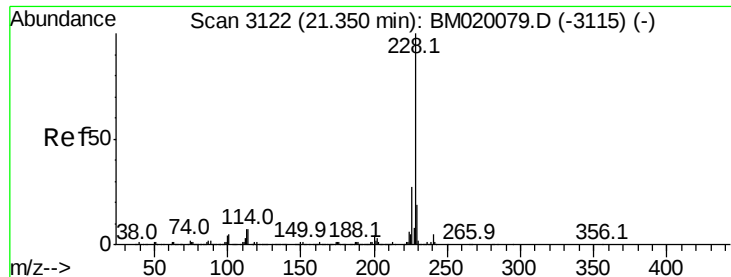


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.056 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

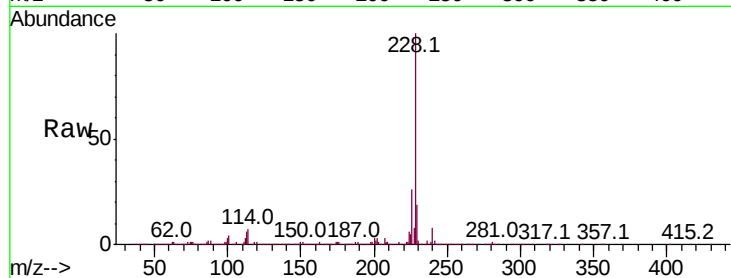
Tot Ion:228 Resp: 2317881

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.3	31.9
229	19.5	15.5	23.3

228 100

226 26.3 21.3 31.9

229 19.5 15.5 23.3

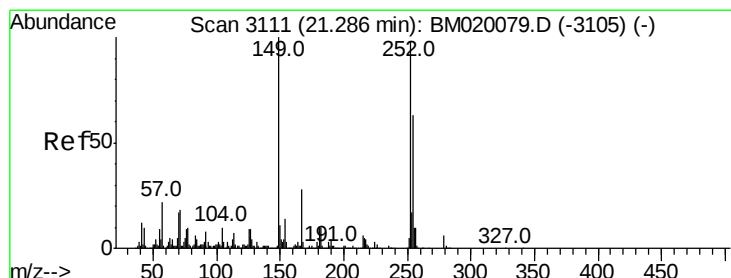
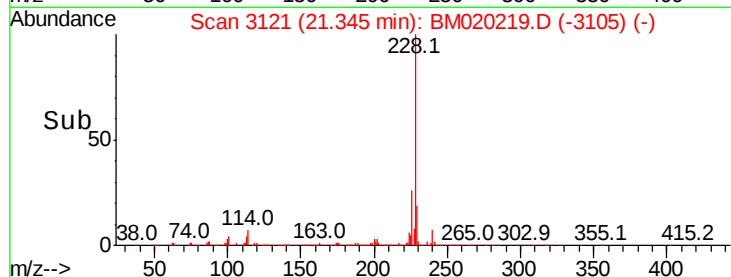
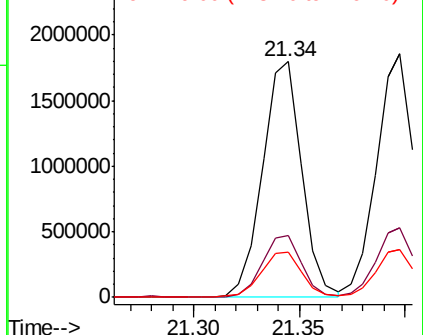


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.119 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

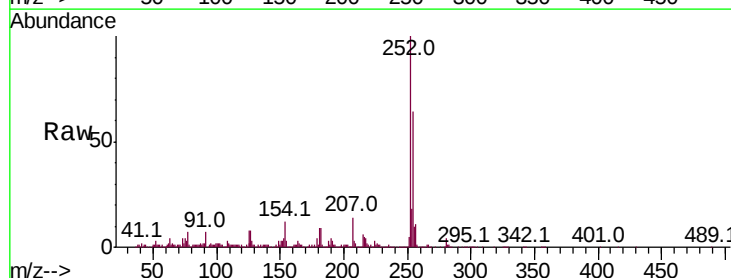
Tgt Ion:252 Resp: 535547

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.1	76.7
126	7.6	7.1	10.7

252 100

254 63.9 51.1 76.7

126 7.6 7.1 10.7

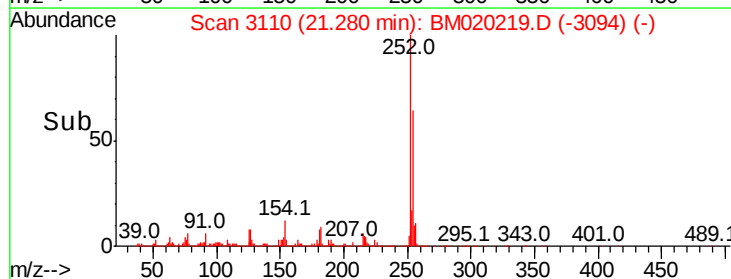
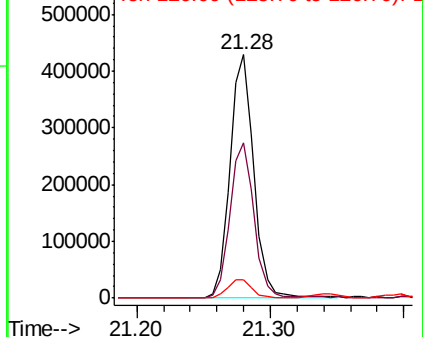


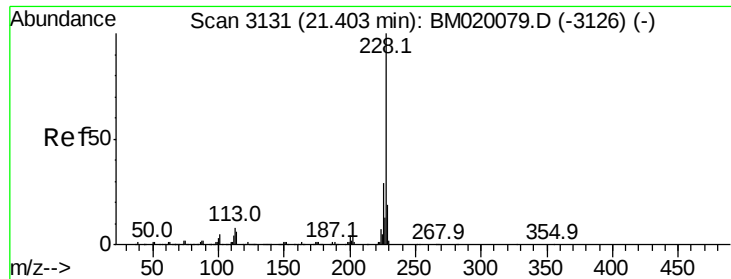
Abundance

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: 54.248 ng

RT: 21.40 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

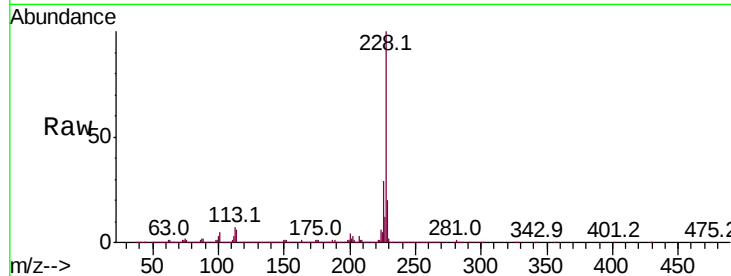
Tot Ion:228 Resp: 2298415

Ion Ratio Lower Upper

228 100

226 28.6 23.0 34.6

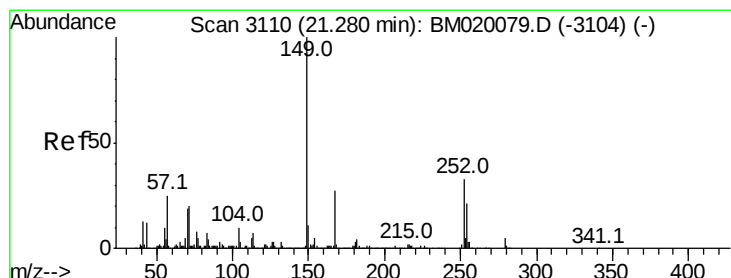
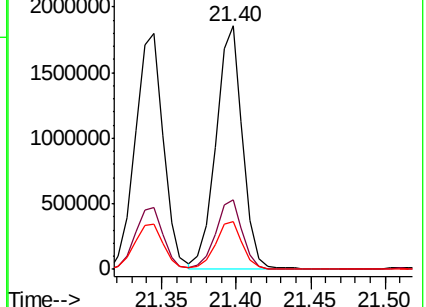
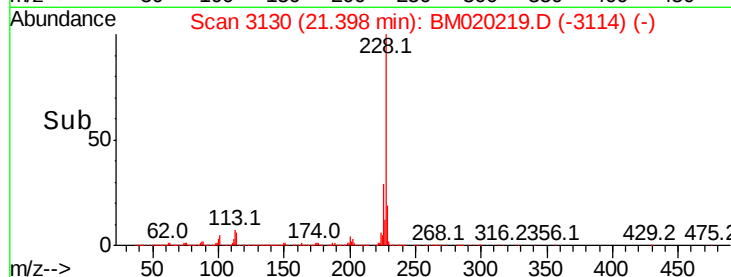
229 19.7 15.5 23.3



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.316 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

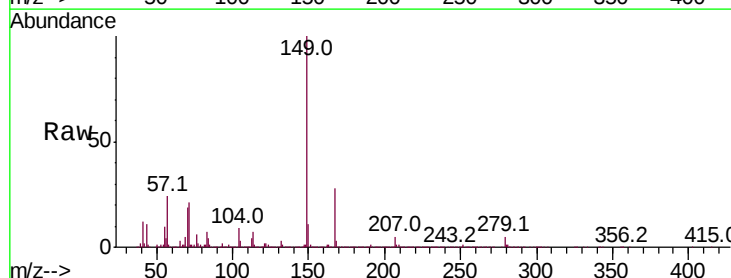
Tgt Ion:149 Resp: 1305515

Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.8

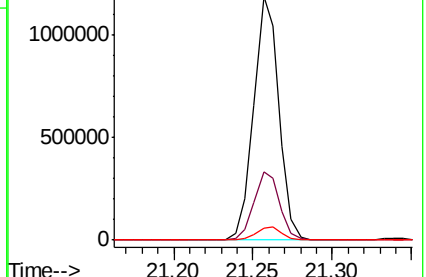
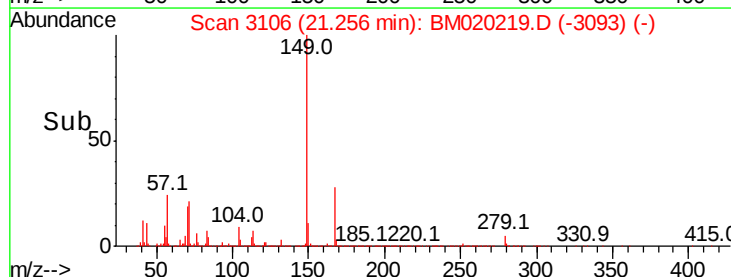
279 4.8 4.2 6.2

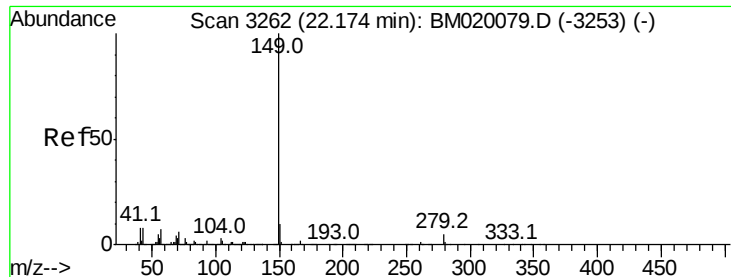


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.512 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

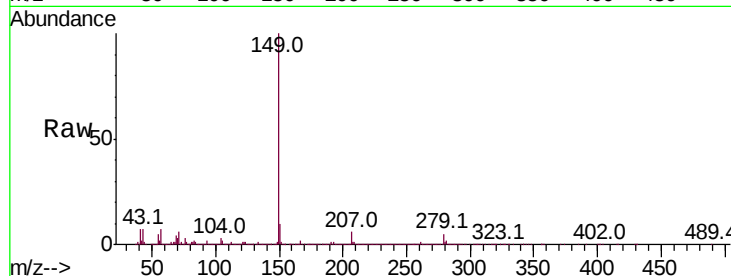
Tot Ion:149 Resp: 2255949

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

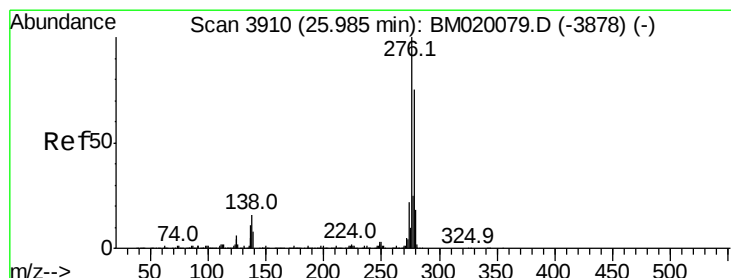
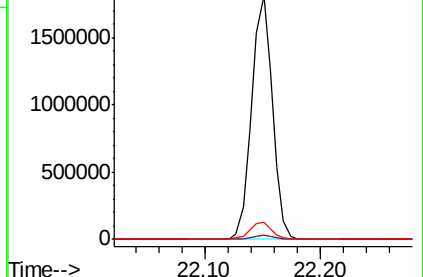
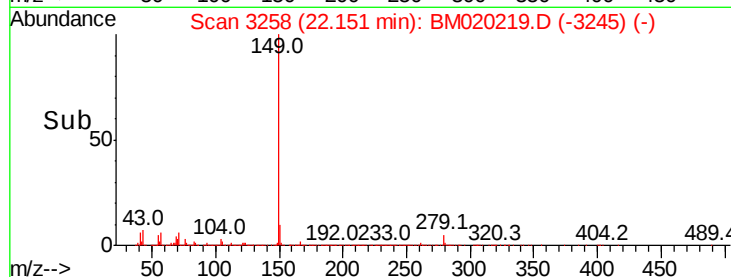
43 6.8 6.5 9.7



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: 56.938 ng

RT: 25.99 min Scan# 3910

Delta R.T. 0.00 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

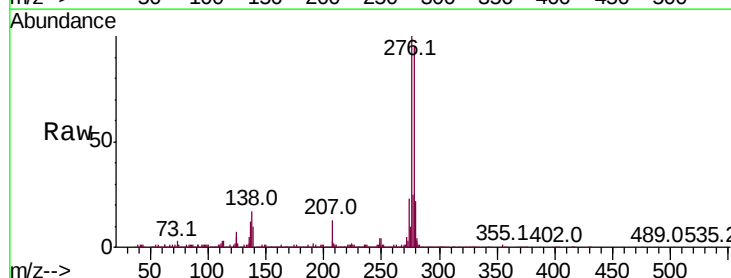
Tgt Ion:276 Resp: 2869506

Ion Ratio Lower Upper

276 100

138 16.2 0.0 0.0#

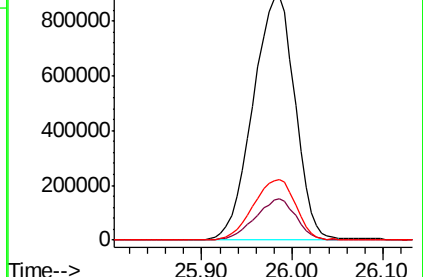
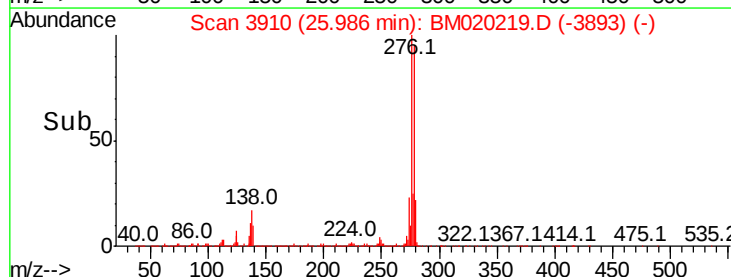
277 25.0 0.0 0.0#

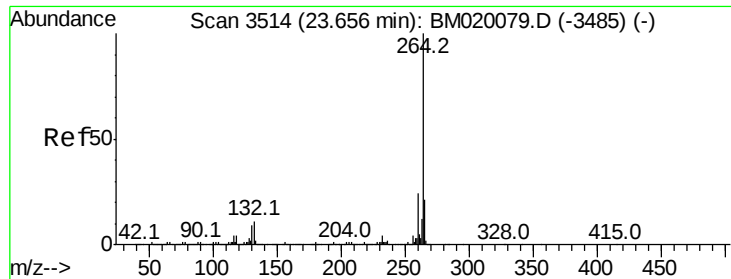


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

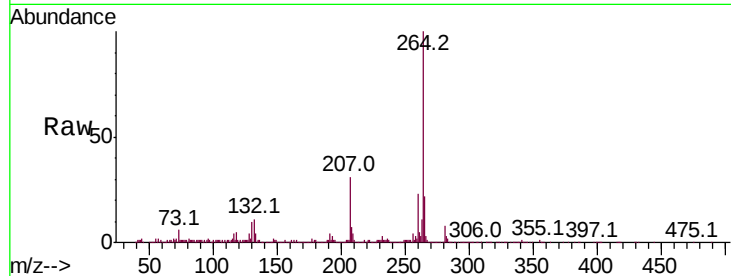
Tot Ion:264 Resp: 706405

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

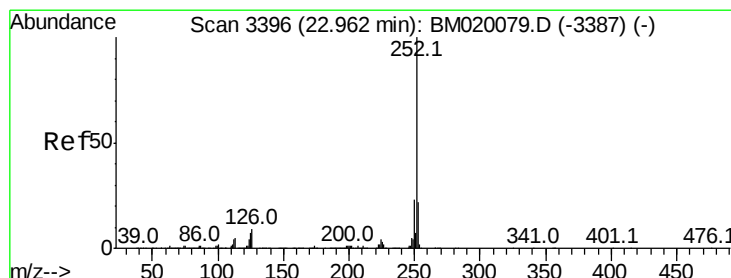
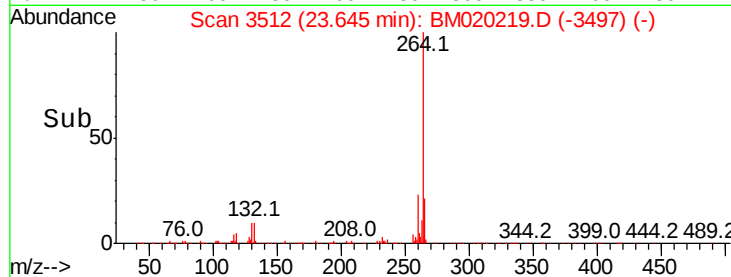
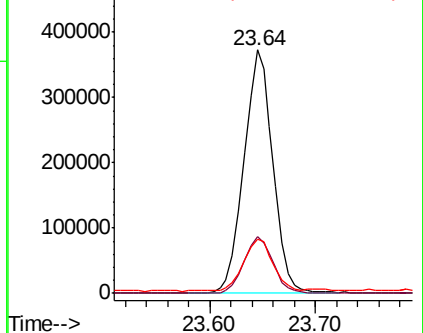
265 22.2 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.261 ng

RT: 22.96 min Scan# 3395

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

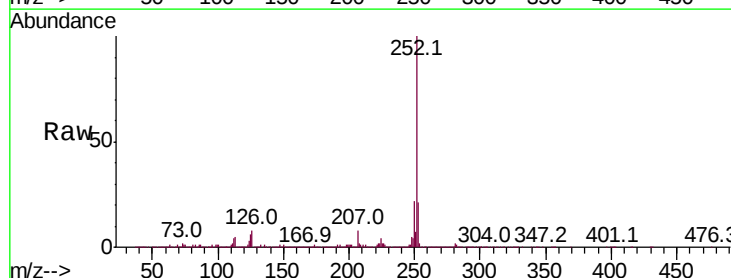
Tgt Ion:252 Resp: 2437831

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

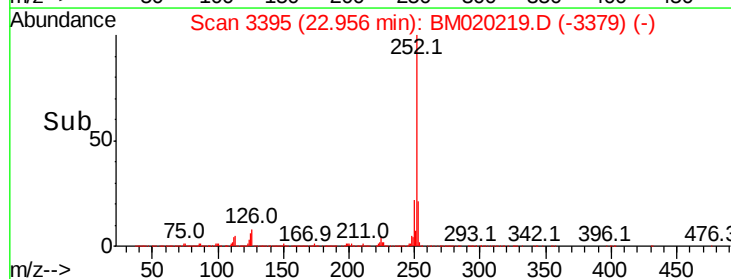
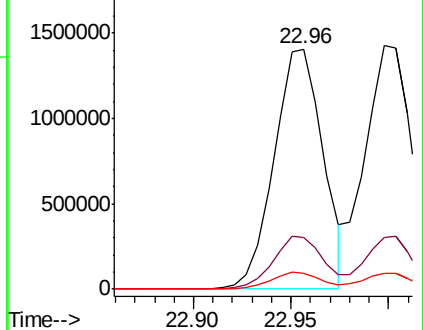
125 6.5 5.4 8.2

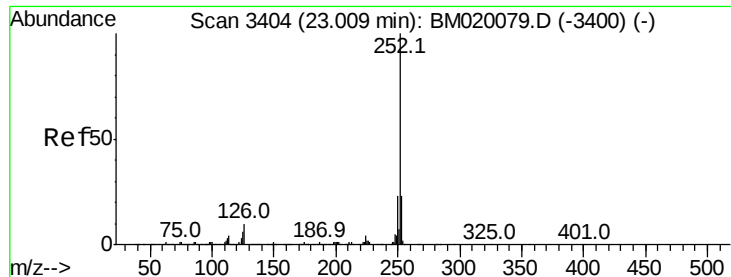


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

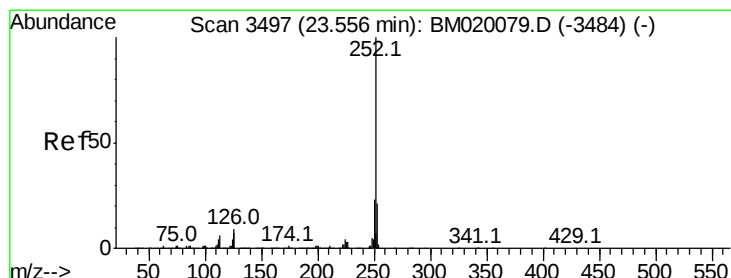
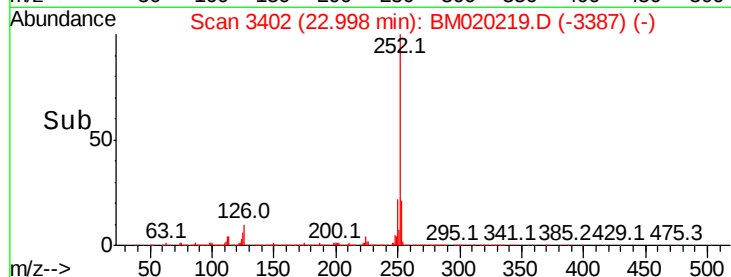
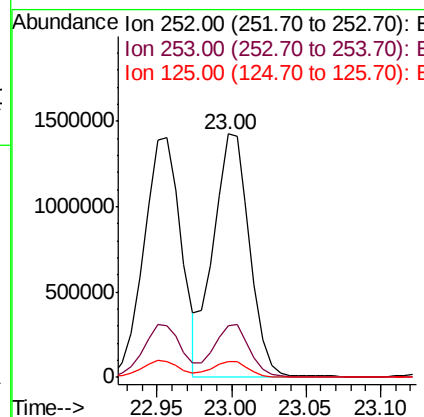
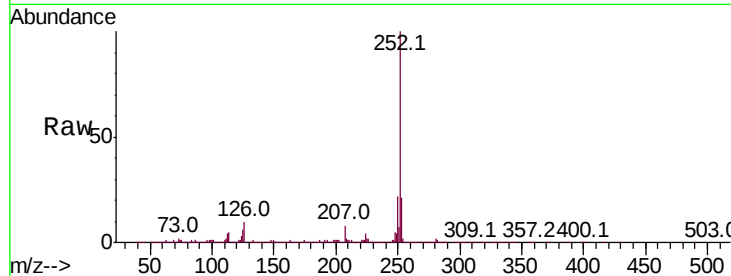




#89
Benzo(k)fluoranthene
Concen: 56.598 ng
RT: 23.00 min Scan# 3402
Delta R.T. -0.01 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

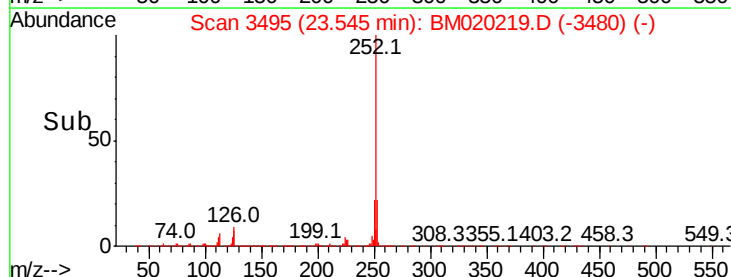
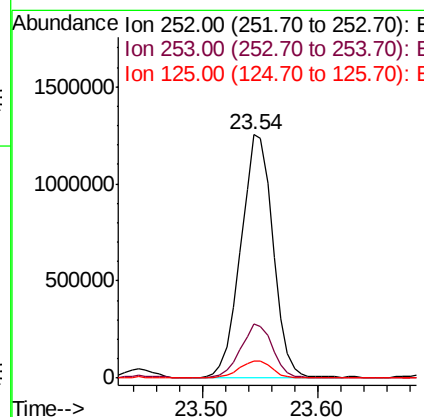
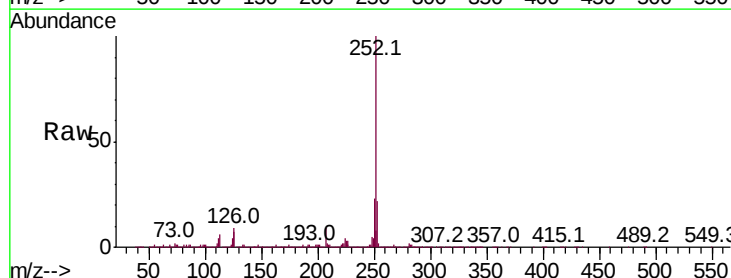
Instrument :
BNA_M
ClientSampleId :
B-3MS

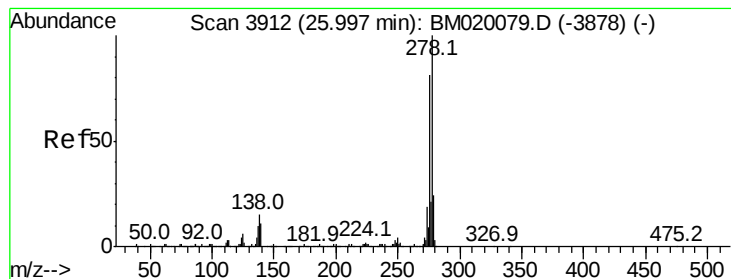
Tot Ion:252 Resp: 2408301
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 6.3 5.4 8.0



#90
Benzo(a)pyrene
Concen: 56.969 ng
RT: 23.54 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM020219.D
Acq: 09 May 2019 16:15

Tgt Ion:252 Resp: 2413807
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 7.3 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 54.663 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

Instrument :

BNA_M

ClientSampleId :

B-3MS

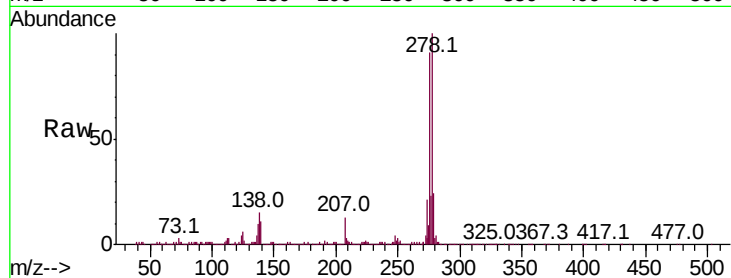
Tot Ion:278 Resp: 2408670

Ion	Ratio	Lower	Upper
278	100		
139	10.6	8.6	13.0
279	23.8	18.8	28.2

278 100

139 10.6 8.6 13.0

279 23.8 18.8 28.2

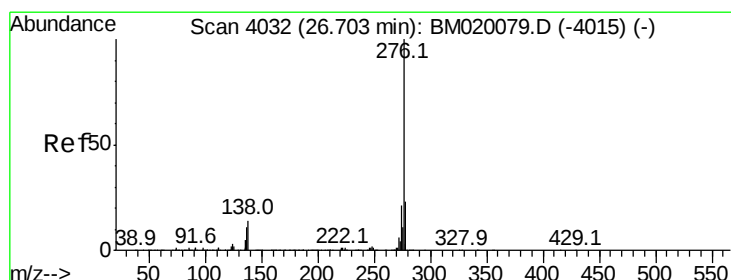
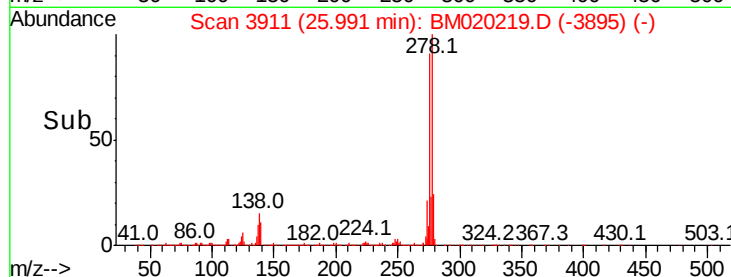
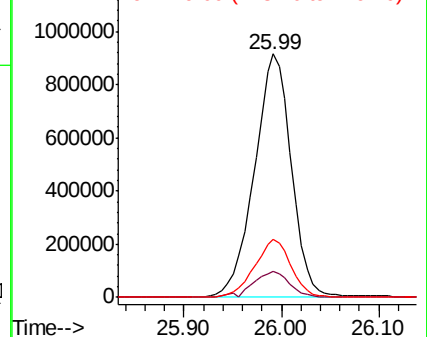


Abundance

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: 57.586 ng

RT: 26.70 min Scan# 4031

Delta R.T. -0.01 min

Lab File: BM020219.D

Acq: 09 May 2019 16:15

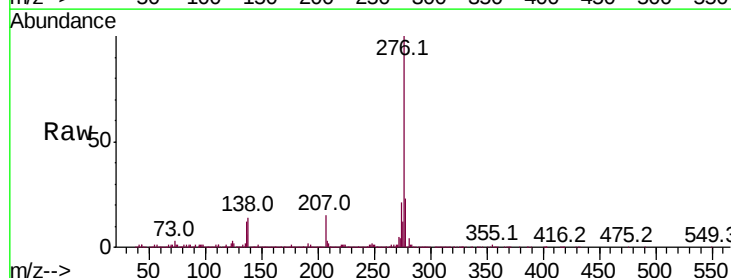
Tgt Ion:276 Resp: 2409066

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.4	27.6
138	14.4	11.1	16.7

276 100

277 23.2 18.4 27.6

138 14.4 11.1 16.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

