

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020036.D
 Acq On : 23 Apr 2019 14:51
 Operator : JU/SJ
 Sample : PB119084BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 00:55:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	85614	20.00	ng	-0.02
21) Naphthalene-d8	10.26	136	325286	20.00	ng	-0.02
39) Acenaphthene-d10	14.16	164	175265	20.00	ng	-0.02
64) Phenanthrene-d10	16.93	188	369963	20.00	ng	-0.02
76) Chrysene-d12	21.14	240	448776	20.00	ng	-0.02
87) Perylene-d12	23.33	264	469009	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	719227	136.15	ng	-0.02
7) Phenol-d6	6.69	99	930578	117.05	ng	-0.02
23) Nitrobenzene-d5	8.66	82	647876	89.07	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	353655	125.35	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1245556	88.57	ng	-0.02
79) Terphenyl-d14	19.57	244	1923562	75.60	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.08	88	92084	40.394	ng	97
3) Pyridine	3.48	79	208558	32.667	ng	99
4) n-Nitrosodimethylamine	3.41	42	84315	40.997	ng	# 91
6) Aniline	6.85	93	281966	27.459	ng	100
8) 2-Chlorophenol	7.06	128	243800	37.106	ng	99
9) Benzaldehyde	6.67	77	83793	15.201	ng	94
10) Phenol	6.72	94	311186	35.825	ng	92
11) bis(2-Chloroethyl)ether	6.94	93	216080	33.999	ng	100
12) 1,3-Dichlorobenzene	7.37	146	258263	37.442	ng	97
13) 1,4-Dichlorobenzene	7.53	146	265575	37.948	ng	98
14) 1,2-Dichlorobenzene	7.83	146	256441	36.955	ng	98
15) Benzyl Alcohol	7.76	79	240858	33.324	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.01	45	188123	31.051	ng	95
17) 2-Methylphenol	7.95	107	199136	34.638	ng	98
18) Hexachloroethane	8.53	117	100513	36.948	ng	95
19) n-Nitroso-di-n-propylamine	8.30	70	207077	29.630	ng	99
20) 3+4-Methylphenols	8.29	107	255094	32.301	ng	97
22) Acetophenone	8.33	105	366524	41.369	ng	# 99
24) Nitrobenzene	8.71	77	310921	41.264	ng	98
25) Isophorone	9.22	82	505864	35.727	ng	99
26) 2-Nitrophenol	9.42	139	119292	37.151	ng	93
27) 2,4-Dimethylphenol	9.47	122	200488	44.160	ng	96
28) bis(2-Chloroethoxy)methane	9.70	93	285112	35.960	ng	98
29) 2,4-Dichlorophenol	9.95	162	201479	39.074	ng	97
30) 1,2,4-Trichlorobenzene	10.13	180	238451	42.966	ng	99
31) Naphthalene	10.32	128	701600	40.212	ng	99
32) Benzoic acid	9.65	122	93270	24.577	ng	98
33) 4-Chloroaniline	10.48	127	181192	25.209	ng	98
34) Hexachlorobutadiene	10.57	225	143156	43.737	ng	98
35) Caprolactam	11.32	113	41841	21.437	ng	89
36) 4-Chloro-3-methylphenol	11.60	107	220207	34.370	ng	98
37) 2-Methylnaphthalene	11.95	142	488946	38.493	ng	98
38) 1-Methylnaphthalene	12.17	142	464096	37.004	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	241614	44.687	ng	99

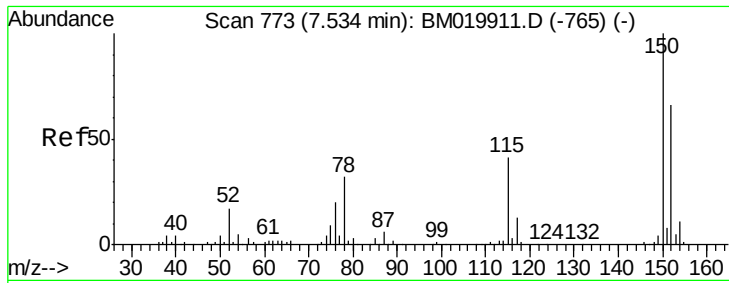
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020036.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	132352	70.724	ng	99
43) 2,4,6-Trichlorophenol	12.59	196	156252	42.626	ng	97
44) 2,4,5-Trichlorophenol	12.67	196	154730	40.556	ng	98
46) 1,1'-Biphenyl	12.98	154	620082	40.848	ng	98
47) 2-Chloronaphthalene	13.02	162	480691	41.514	ng	100
48) 2-Nitroaniline	13.27	65	156434	37.481	ng	94
49) Acenaphthylene	13.88	152	762300	37.838	ng	100
50) Dimethylphthalate	13.63	163	601651	38.918	ng	100
51) 2,6-Dinitrotoluene	13.77	165	128183	37.496	ng #	84
52) Acenaphthene	14.22	154	441802	39.551	ng	98
53) 3-Nitroaniline	14.12	138	91643	26.847	ng	99
54) 2,4-Dinitrophenol	14.36	184	113226	57.759	ng	94
55) Dibenzofuran	14.56	168	717277	39.267	ng	96
56) 4-Nitrophenol	14.45	139	162446	61.753	ng	90
57) 2,4-Dinitrotoluene	14.59	165	177005	36.021	ng	98
58) Fluorene	15.22	166	577786	37.329	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.80	232	143925	41.344	ng	99
60) Diethylphthalate	15.00	149	607774	37.800	ng	100
61) 4-Chlorophenyl-phenylether	15.22	204	287170	38.534	ng	95
62) 4-Nitroaniline	15.30	138	103876	30.887	ng	84
63) Azobenzene	15.51	77	670548	39.020	ng	97
65) 4,6-Dinitro-2-methylphenol	15.36	198	74843	31.707	ng	97
66) n-Nitrosodiphenylamine	15.44	169	483497	39.975	ng	98
67) 4-Bromophenyl-phenylether	16.12	248	169043	39.742	ng	98
68) Hexachlorobenzene	16.22	284	201915	39.562	ng	99
69) Atrazine	16.41	200	159776	38.913	ng	98
70) Pentachlorophenol	16.59	266	197673	75.803	ng	97
71) Phenanthrene	16.97	178	864650	39.383	ng	99
72) Anthracene	17.06	178	865836	39.618	ng	100
73) Carbazole	17.36	167	776845	38.073	ng	100
74) Di-n-butylphthalate	17.89	149	995068	37.134	ng	99
75) Fluoranthene	19.00	202	1009969	39.974	ng	98
77) Benzidine	19.22	184	439948	35.530	ng	99
78) Pyrene	19.37	202	1043568	35.114	ng	100
80) Butylbenzylphthalate	20.27	149	500744	34.754	ng	96
81) Benzo(a)anthracene	21.13	228	1059998	37.286	ng	100
82) 3,3'-Dichlorobenzidine	21.08	252	370434	35.022	ng	98
83) Chrysene	21.19	228	1054577	38.681	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	736459	34.333	ng	100
85) Di-n-octyl phthalate	21.91	149	1368986	39.332	ng	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	1786662	66.617	ng	98
88) Benzo(b)fluoranthene	22.67	252	1297610	41.666	ng	100
89) Benzo(k)fluoranthene	22.72	252	1308439	44.628	ng	99
90) Benzo(a)pyrene	23.23	252	1285627	46.590	ng	99
91) Dibenzo(a,h)anthracene	25.51	278	1514643	56.932	ng	99
92) Benzo(g,h,i)perylene	26.18	276	1415670	58.749	ng	98

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

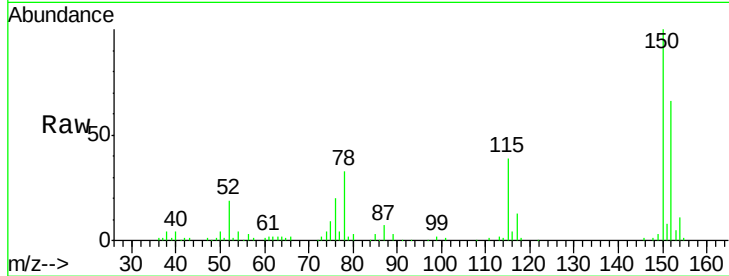


#1

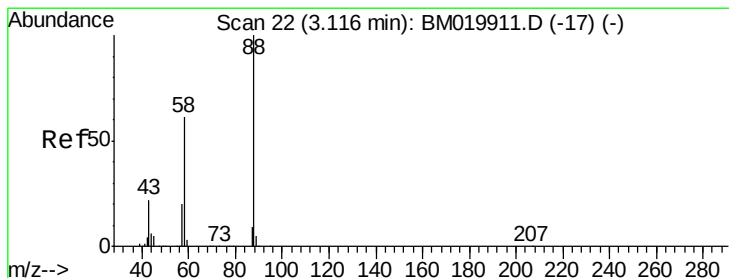
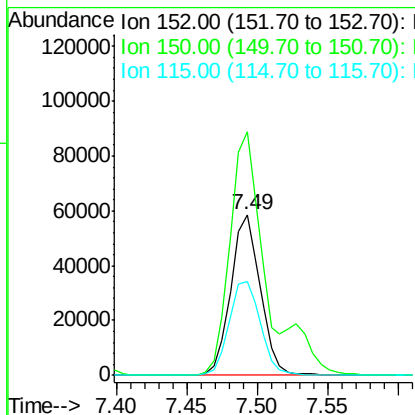
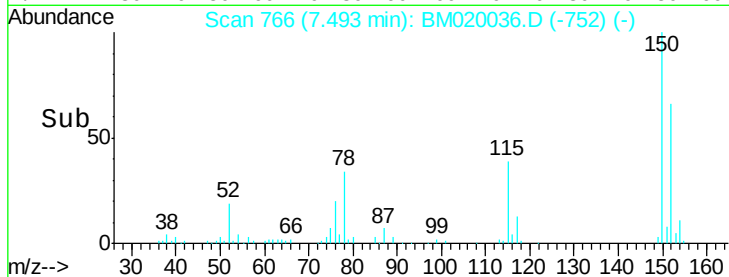
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 85614
Ion Ratio Lower Upper
152 100
150 151.2 122.1 183.1
115 58.3 50.0 75.0



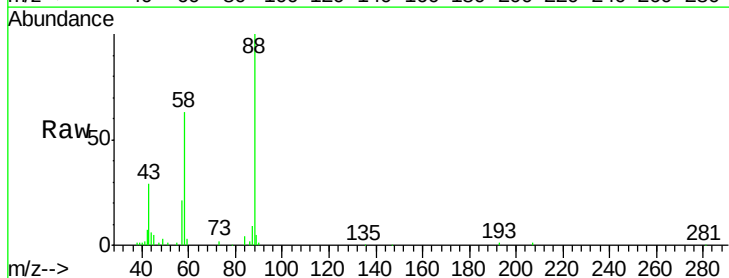
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



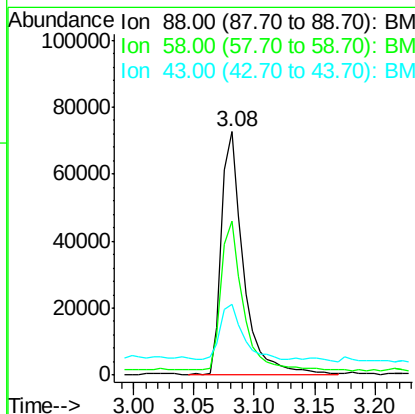
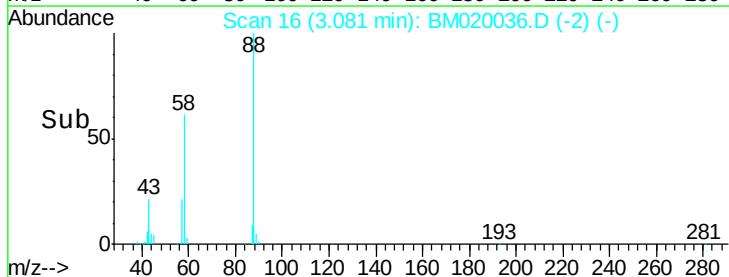
#2

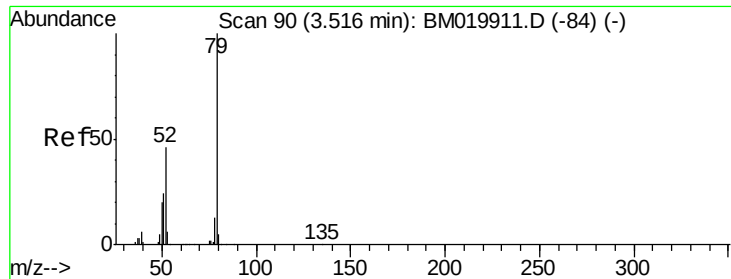
1,4-Dioxane
Concen: 40.394 ng
RT: 3.08 min Scan# 16
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion: 88 Resp: 92084
Ion Ratio Lower Upper
88 100
58 59.9 49.6 74.4
43 24.2 18.6 27.8



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: 32.667 ng

RT: 3.48 min Scan# 84

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

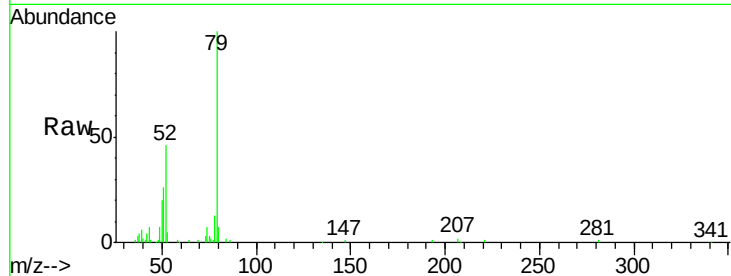
Tot Ion: 79 Resp: 208558

Ion Ratio Lower Upper

79 100

52 45.9 36.9 55.3

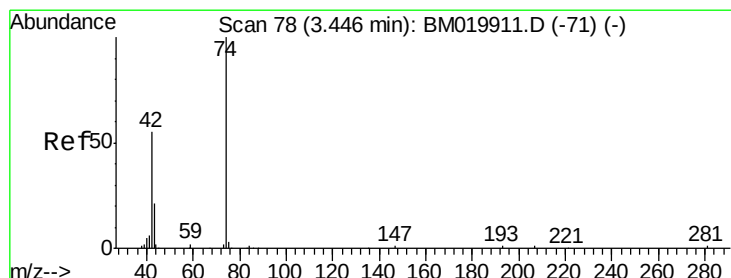
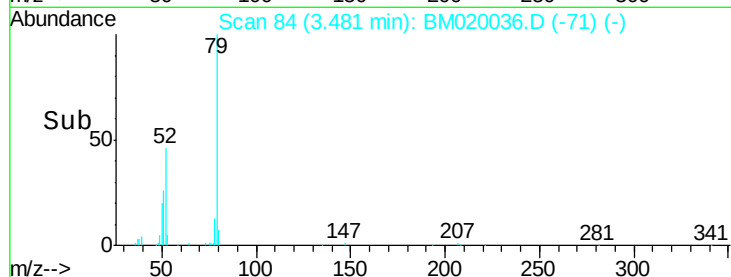
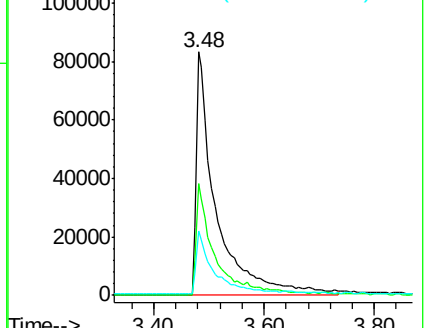
51 26.4 20.0 30.0



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: 40.997 ng

RT: 3.41 min Scan# 72

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

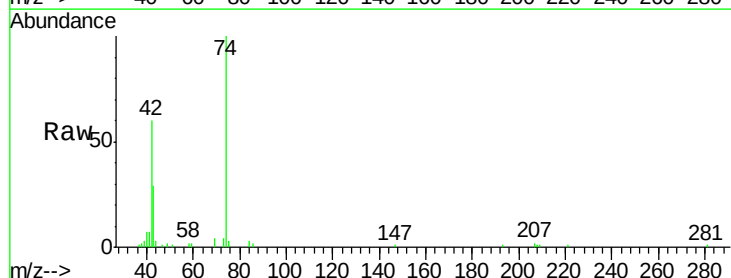
Tgt Ion: 42 Resp: 84315

Ion Ratio Lower Upper

42 100

74 167.2 144.6 217.0

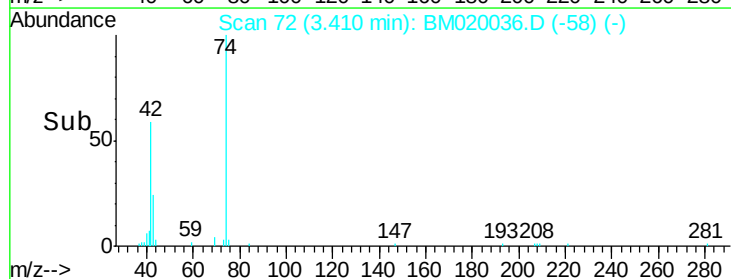
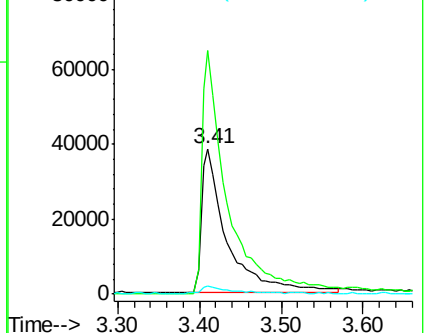
44 5.2 5.4 8.2#

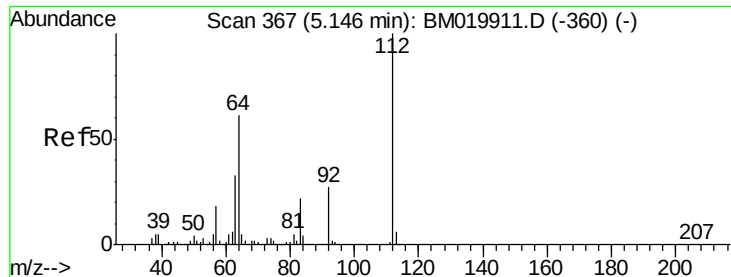


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 136.148 ng

RT: 5.10 min Scan# 360

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampled :

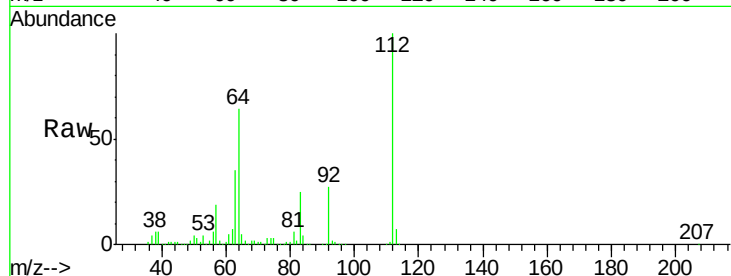
Tot Ion:112 Resp: 719227

Ion Ratio Lower Upper

112 100

64 64.1 49.1 73.7

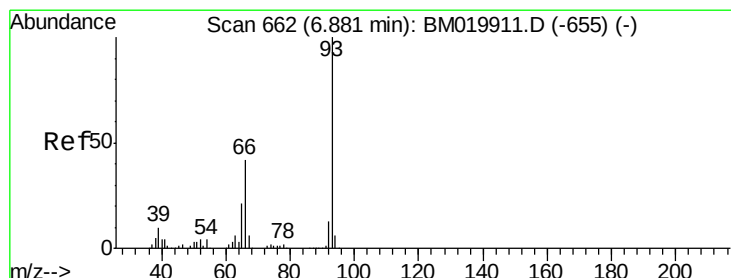
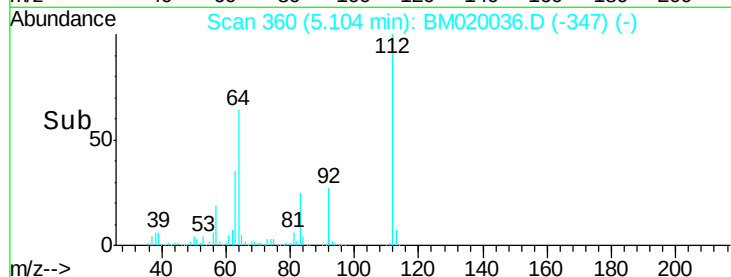
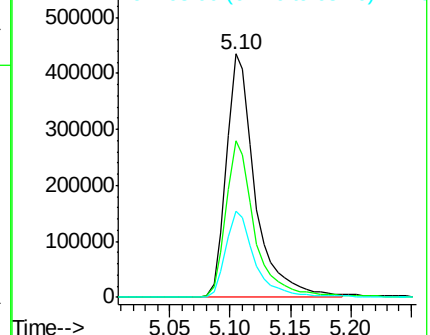
63 35.3 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 27.459 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

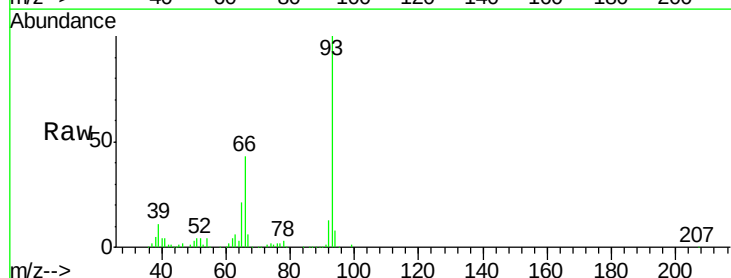
Tgt Ion: 93 Resp: 281966

Ion Ratio Lower Upper

93 100

66 42.6 33.9 50.9

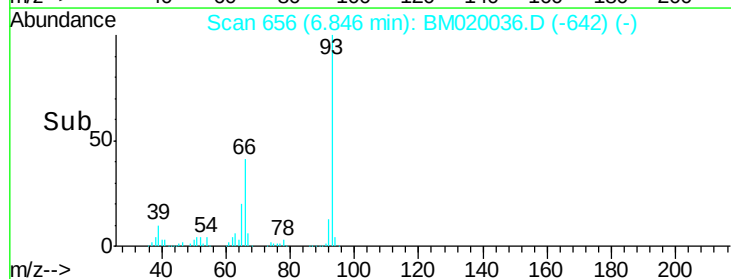
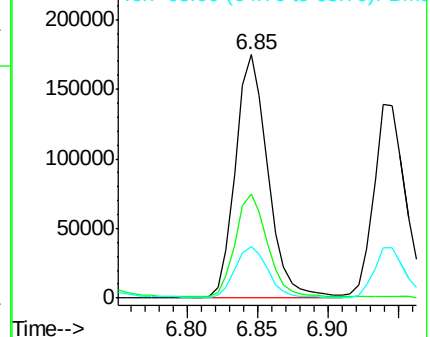
65 21.2 17.0 25.6

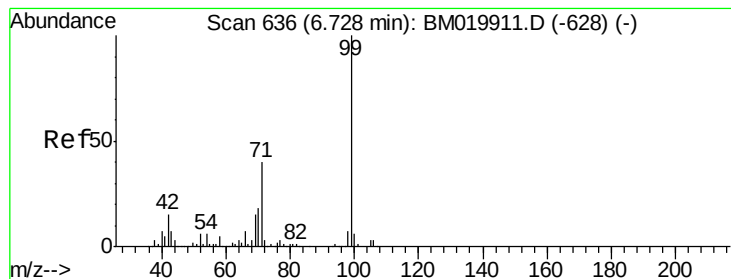


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 117.048 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampled :

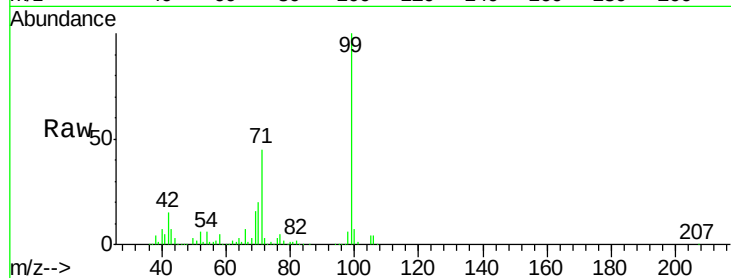
Tot Ion: 99 Resp: 930578

Ion Ratio Lower Upper

99 100

42 15.5 11.8 17.8

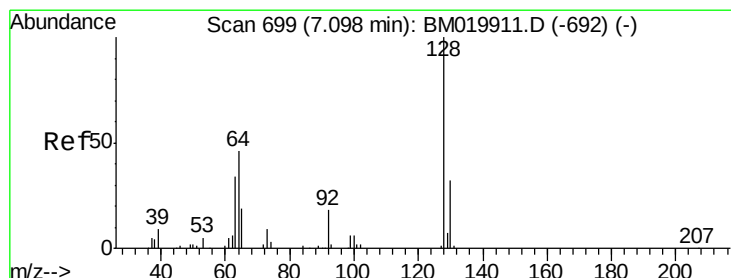
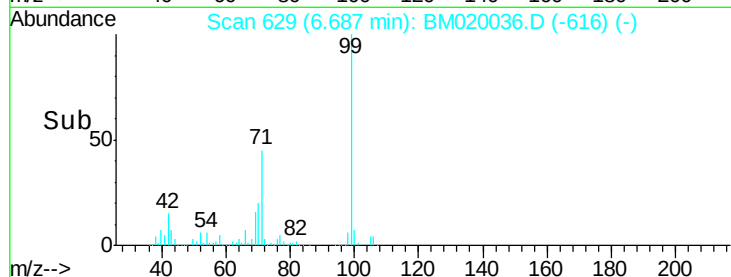
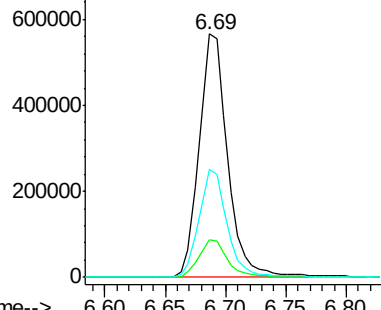
71 44.6 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019911.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM019911.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM019911.D (-628) (-)



#8

2-Chlorophenol

Concen: 37.106 ng

RT: 7.06 min Scan# 693

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

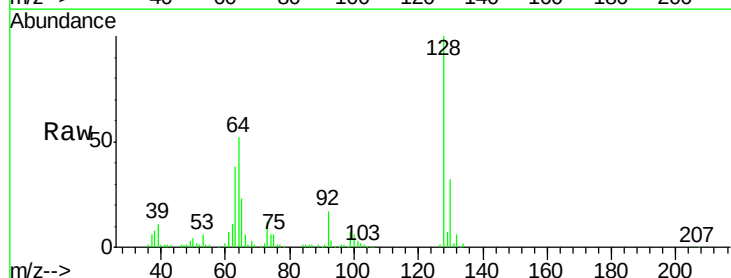
Tgt Ion: 128 Resp: 243800

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

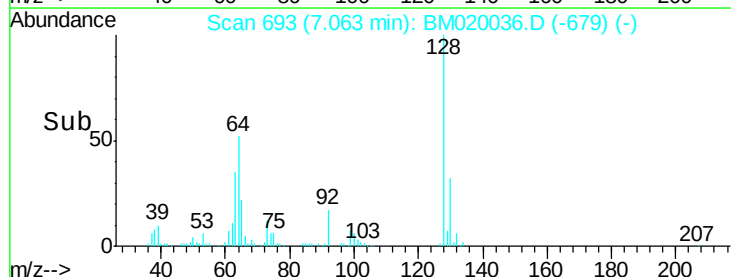
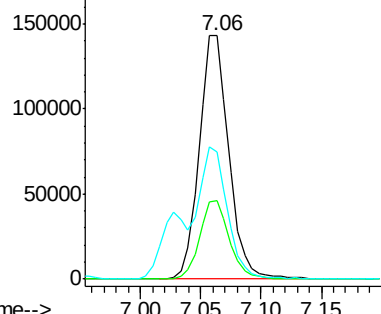
64 52.4 33.0 73.0

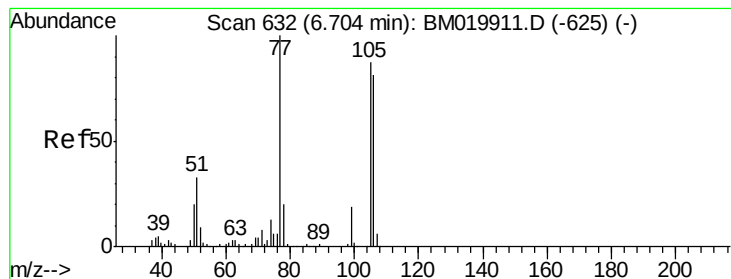


Abundance Ion 128.00 (127.70 to 128.70): BM019911.D (-692) (-)

Ion 130.00 (129.70 to 130.70): BM019911.D (-692) (-)

Ion 64.00 (63.70 to 64.70): BM019911.D (-692) (-)





#9

Benzaldehyde

Concen: 15.201 ng

RT: 6.67 min Scan# 627

Delta R.T. -0.01 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampled :

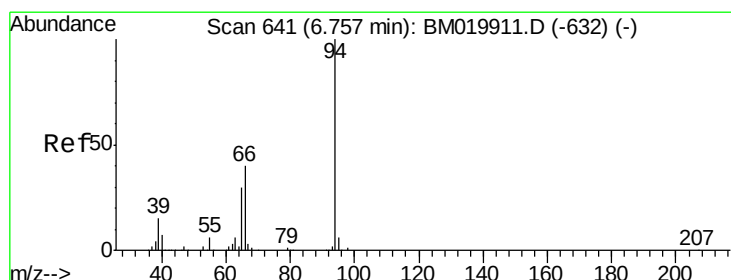
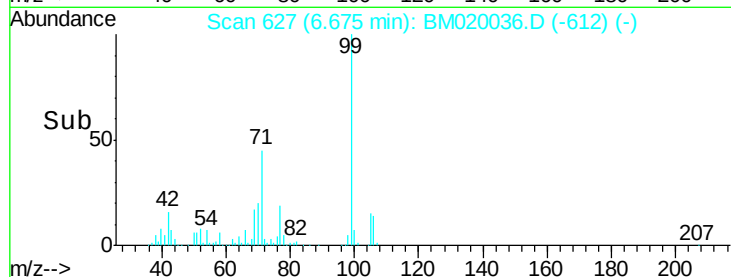
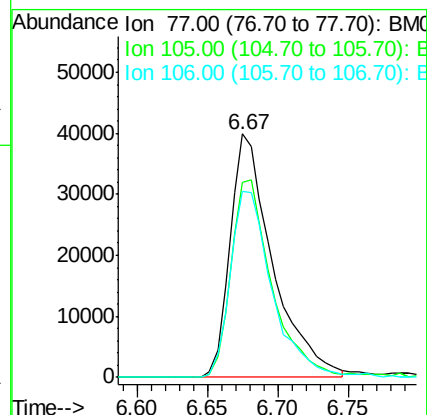
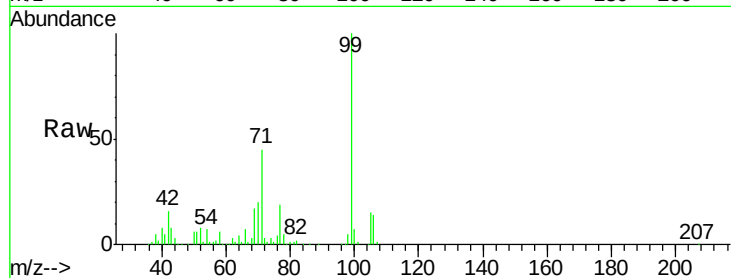
Tot Ion: 77 Resp: 83793

Ion Ratio Lower Upper

77 100

105 79.9 67.3 107.3

106 76.3 60.6 100.6



#10

Phenol

Concen: 35.825 ng

RT: 6.72 min Scan# 634

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

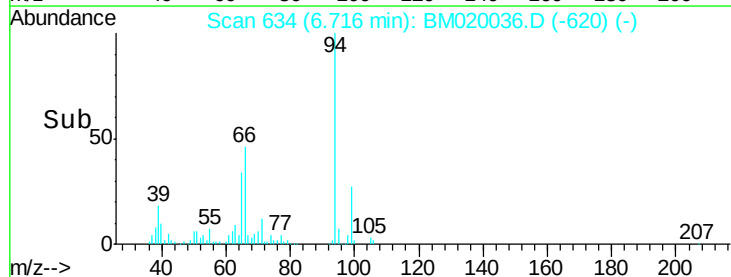
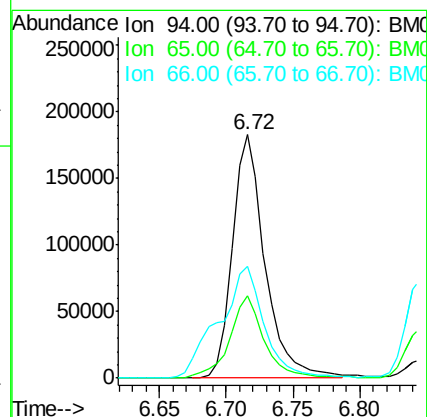
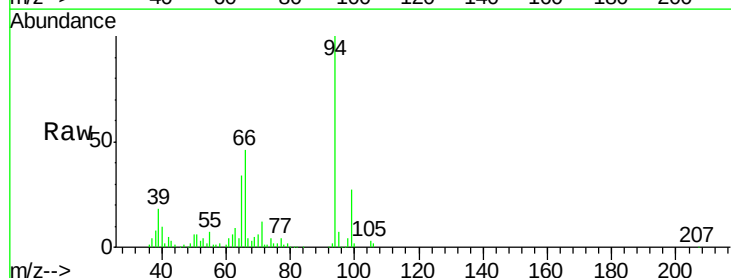
Tgt Ion: 94 Resp: 311186

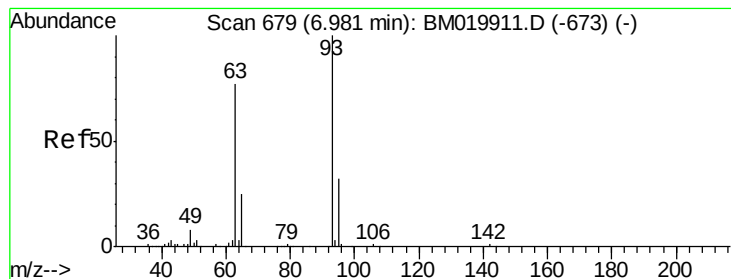
Ion Ratio Lower Upper

94 100

65 34.0 10.0 50.0

66 45.8 20.2 60.2





#11

bis(2-Chloroethyl)ether

Concen: 33.999 ng

RT: 6.94 min Scan# 672

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

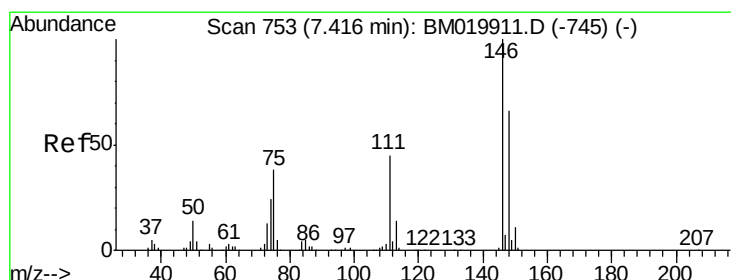
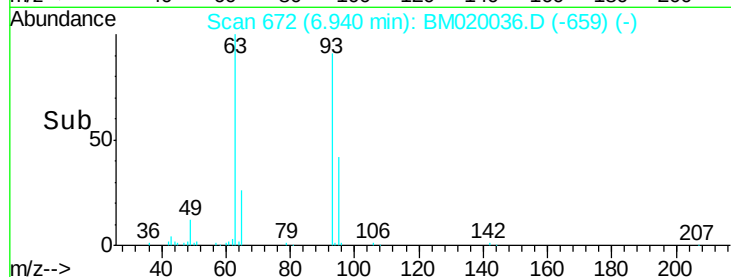
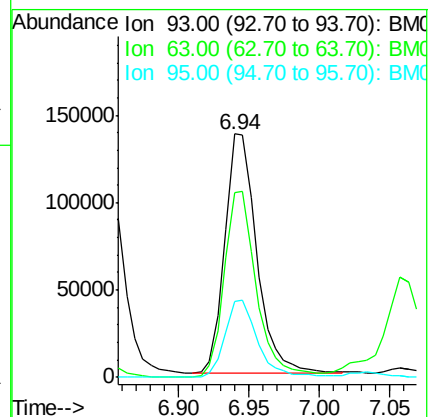
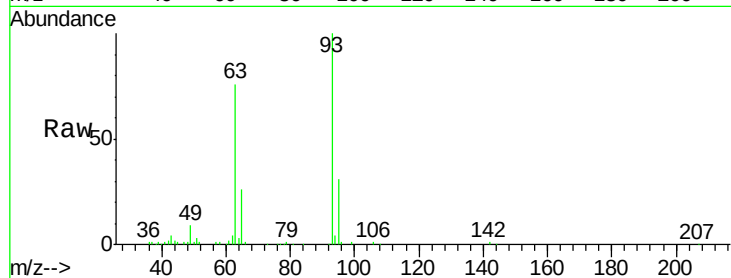
Tot Ion: 93 Resp: 216080

Ion Ratio Lower Upper

93 100

63 75.8 55.8 95.8

95 31.3 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 37.442 ng

RT: 7.37 min Scan# 746

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

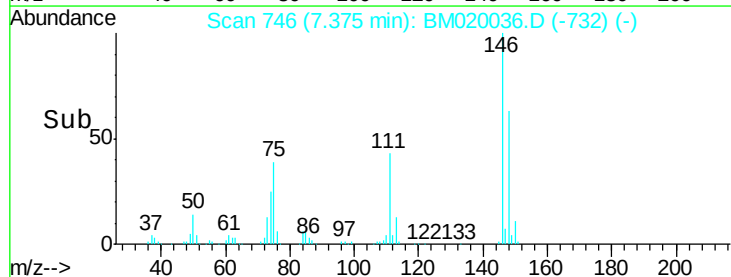
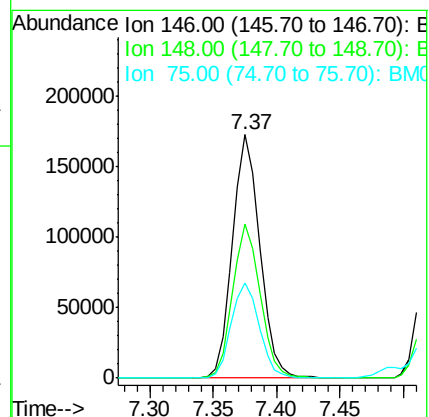
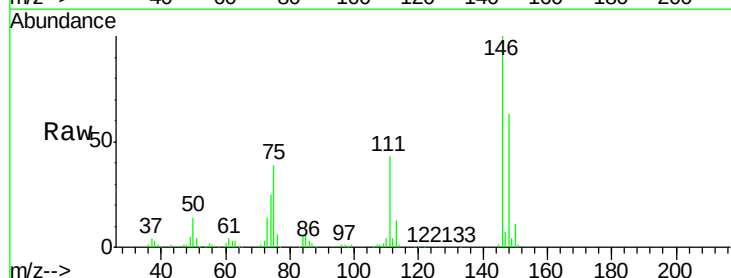
Tgt Ion: 146 Resp: 258263

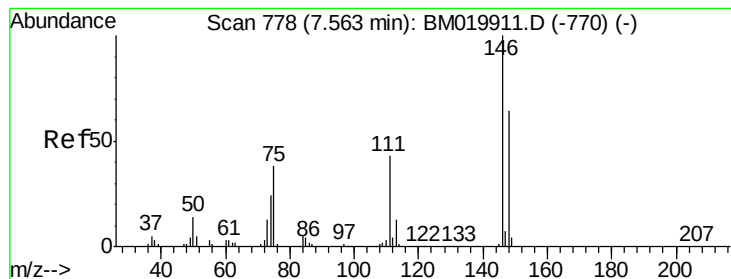
Ion Ratio Lower Upper

146 100

148 63.1 52.6 78.8

75 38.9 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 37.948 ng

RT: 7.53 min Scan# 772

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

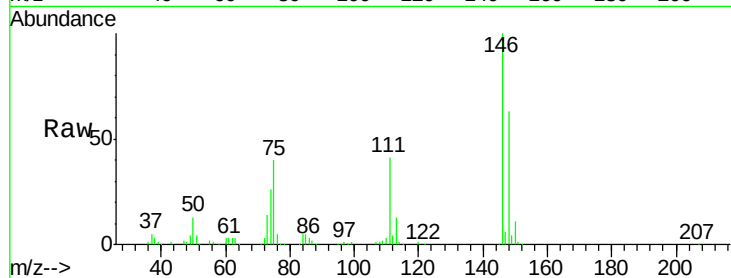
Tot Ion:146 Resp: 265575

Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

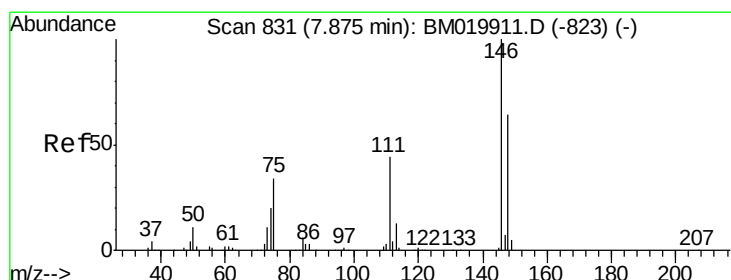
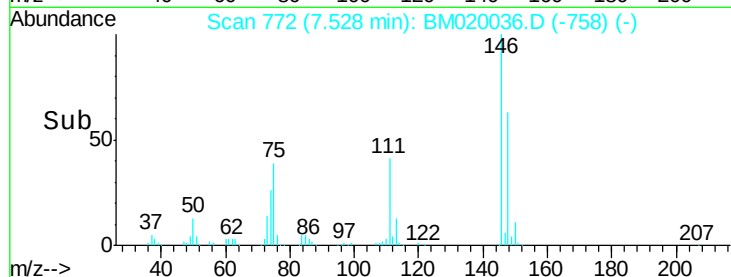
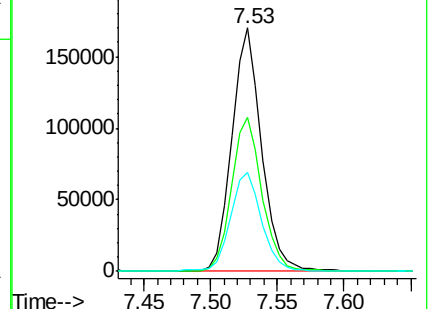
111 40.8 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.955 ng

RT: 7.83 min Scan# 824

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

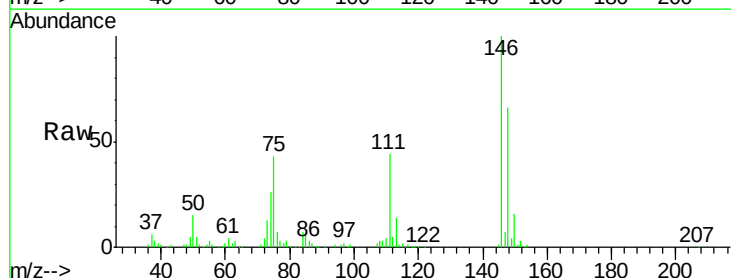
Tgt Ion:146 Resp: 256441

Ion Ratio Lower Upper

146 100

148 66.3 51.4 77.2

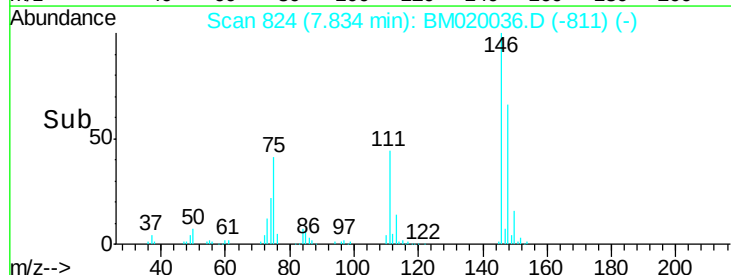
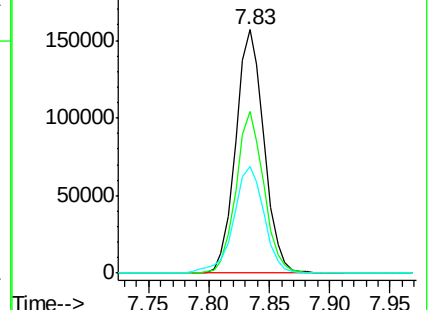
111 44.0 35.4 53.0

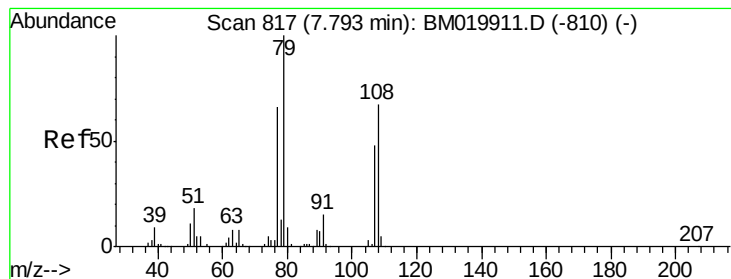


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.324 ng

RT: 7.76 min Scan# 812

Delta R.T. -0.01 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

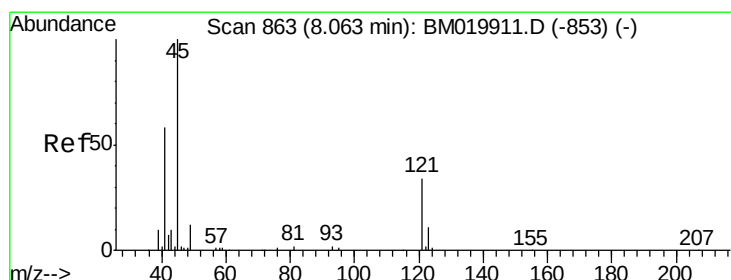
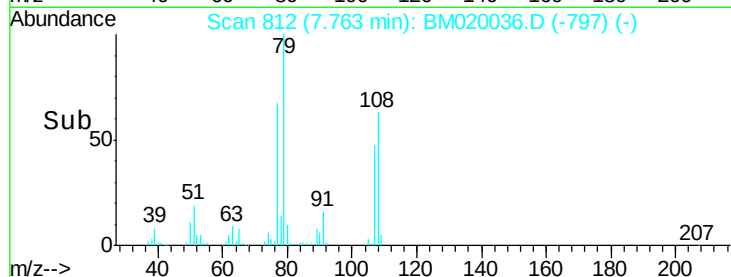
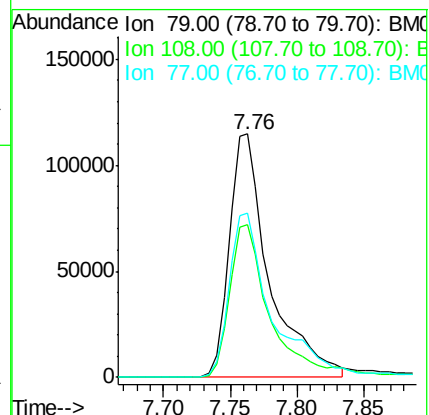
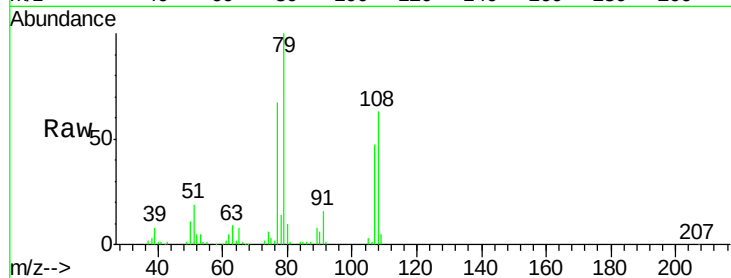
Tot Ion: 79 Resp: 240858

Ion Ratio Lower Upper

79 100

108 62.7 53.9 80.9

77 67.4 53.1 79.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.051 ng

RT: 8.01 min Scan# 854

Delta R.T. -0.04 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

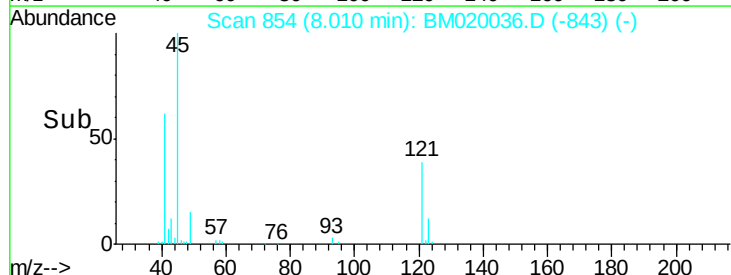
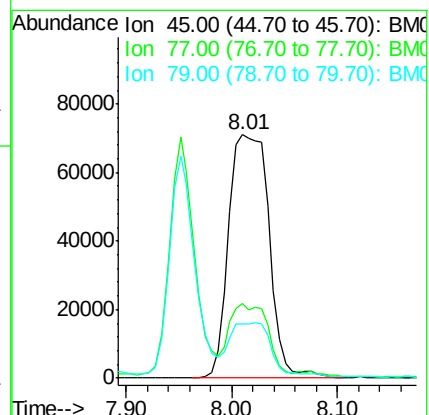
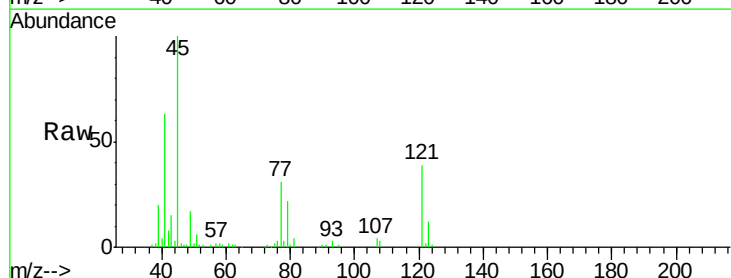
Tgt Ion: 45 Resp: 188123

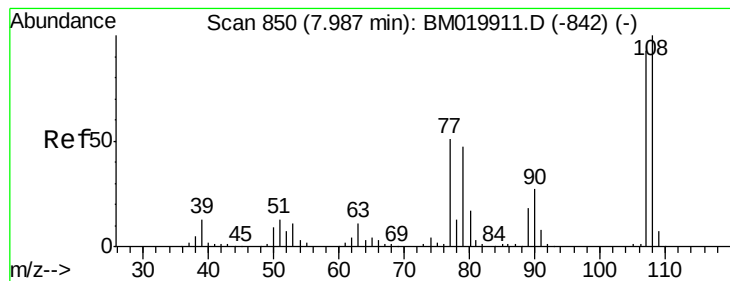
Ion Ratio Lower Upper

45 100

77 30.7 7.2 47.2

79 22.4 1.2 41.2





#17

2-Methylphenol

Concen: 34.638 ng

RT: 7.95 min Scan# 844

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 199136

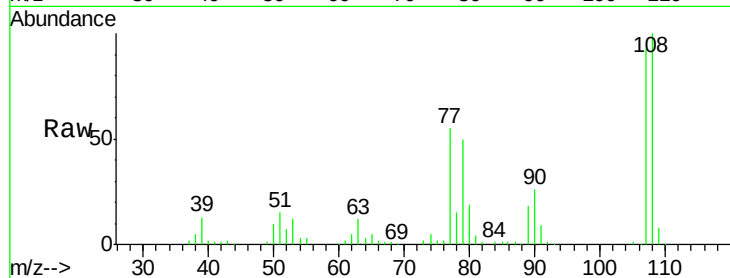
Ion Ratio Lower Upper

107 100

108 107.4 85.9 128.9

77 59.0 43.8 65.6

79 54.1 41.1 61.7

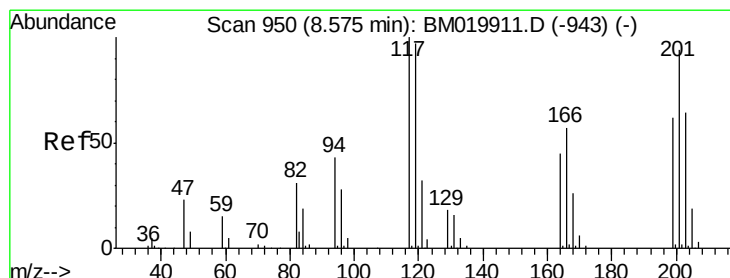
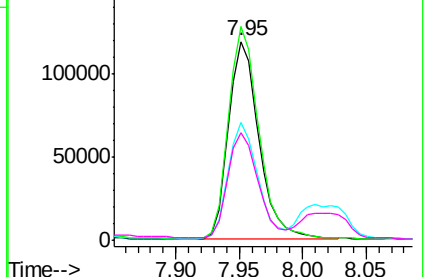
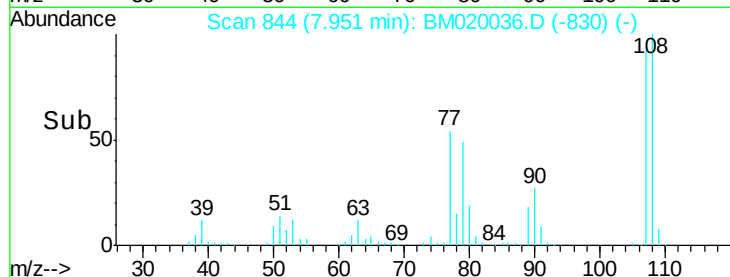


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 36.948 ng

RT: 8.53 min Scan# 943

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

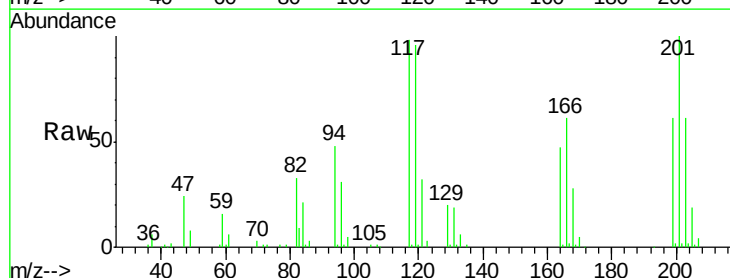
Tgt Ion:117 Resp: 100513

Ion Ratio Lower Upper

117 100

119 98.0 77.6 116.4

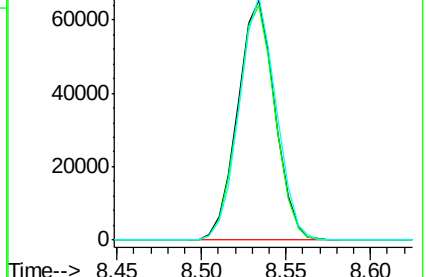
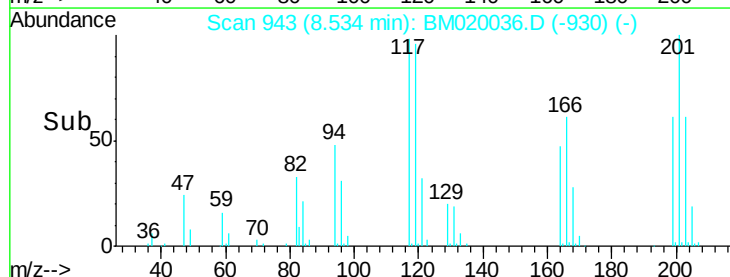
201 103.7 75.4 113.2

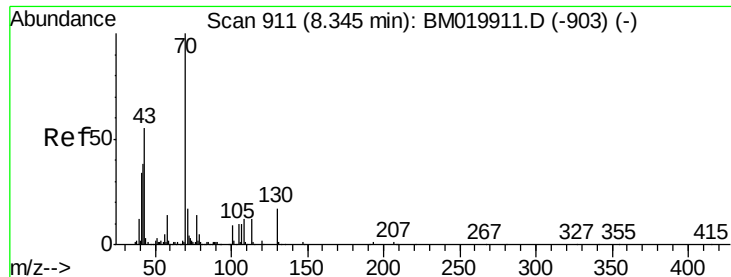


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

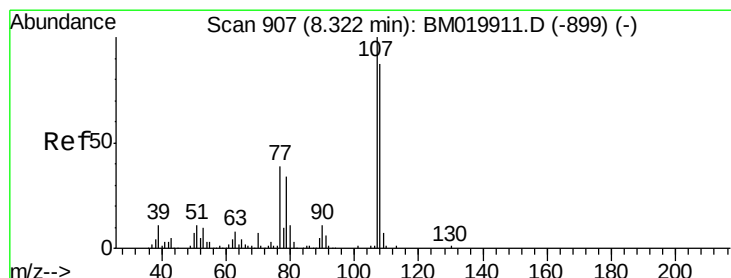
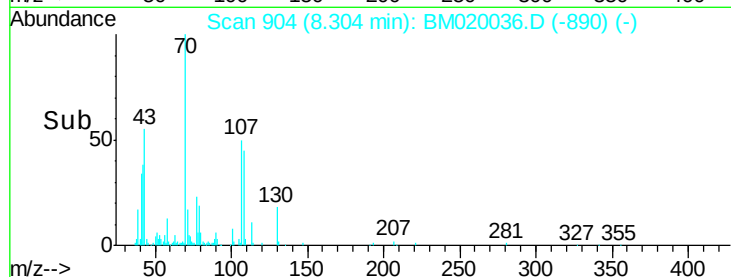
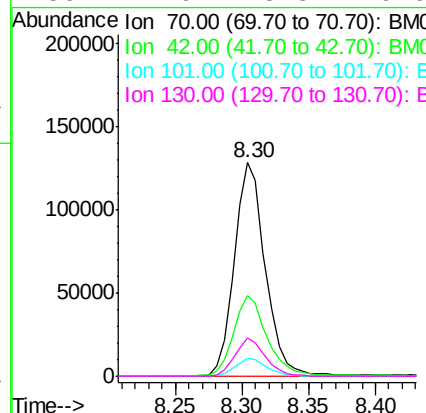
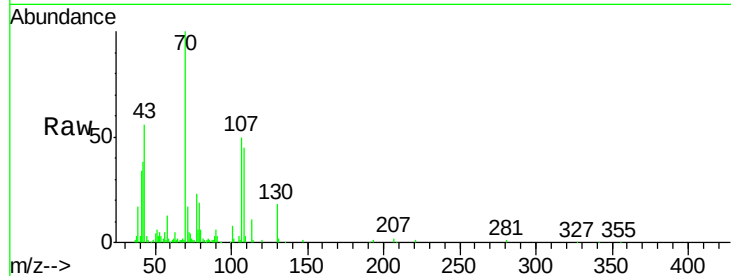




#19
n-Nitroso-di-n-propylamine
Concen: 29.630 ng
RT: 8.30 min Scan# 904
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

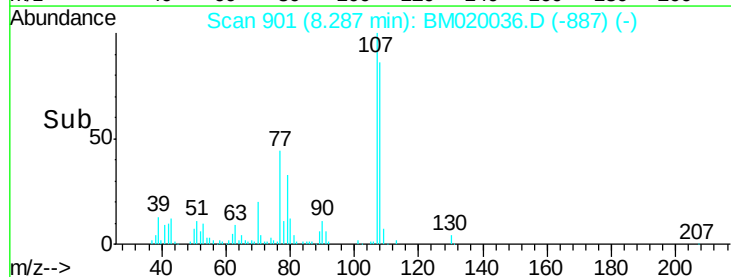
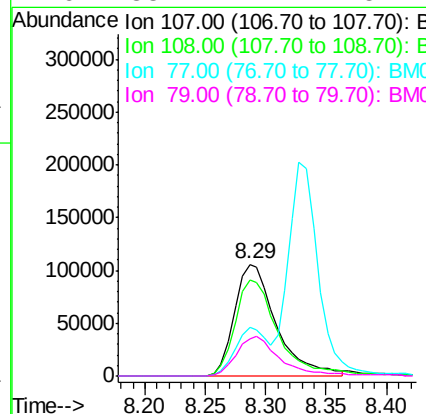
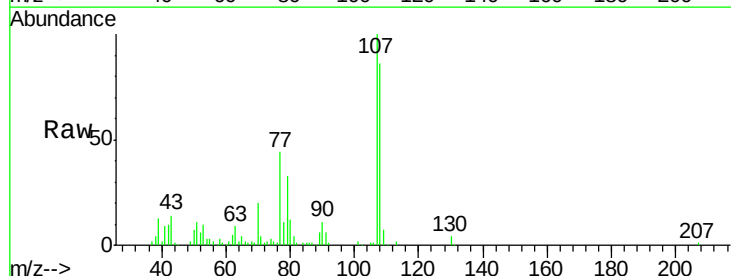
Instrument :
BNA_M
ClientSampleId :

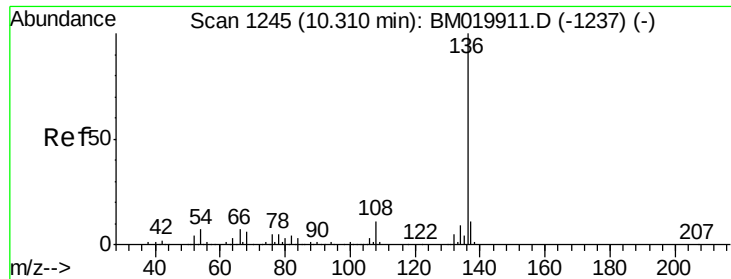
Tot Ion:	70	Resp:	207077
Ion	Ratio	Lower	Upper
70	100		
42	38.1	30.3	45.5
101	8.5	6.9	10.3
130	17.9	13.8	20.6



#20
3+4-Methylphenols
Concen: 32.301 ng
RT: 8.29 min Scan# 901
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion:	107	Resp:	255094
Ion	Ratio	Lower	Upper
107	100		
108	86.3	67.4	107.4
77	44.0	19.7	59.7
79	33.4	14.1	54.1

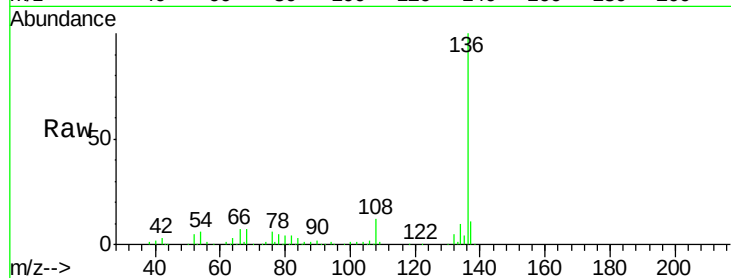




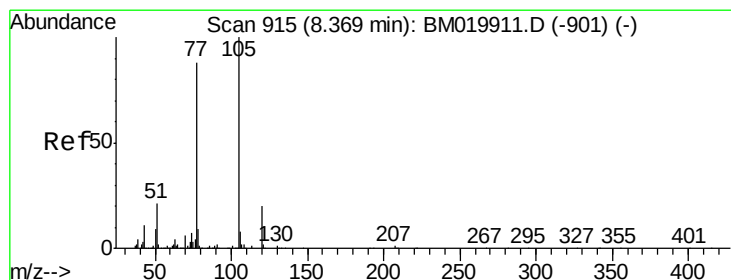
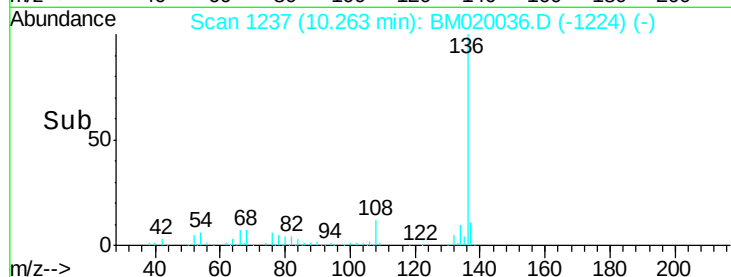
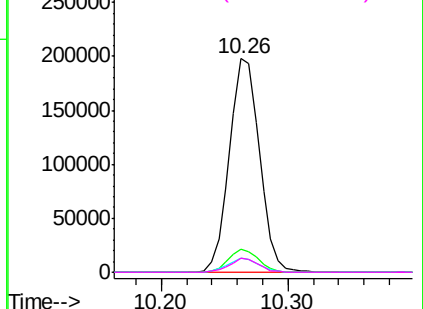
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	325286
Ion Ratio	Lower	Upper
136 100		
137 10.9	9.0	13.6
54 6.3	5.3	7.9
68 6.6	5.2	7.8

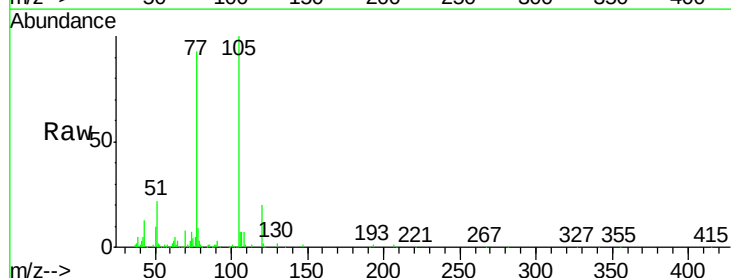


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

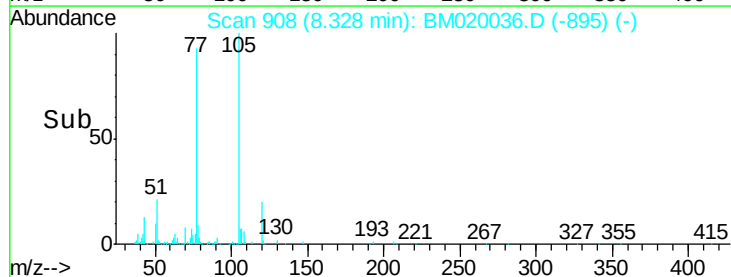
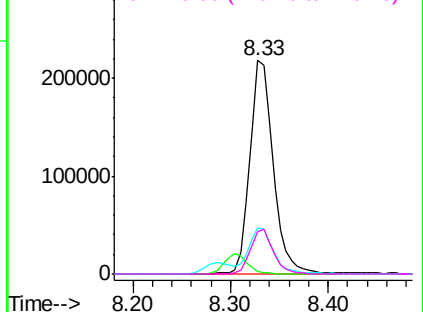


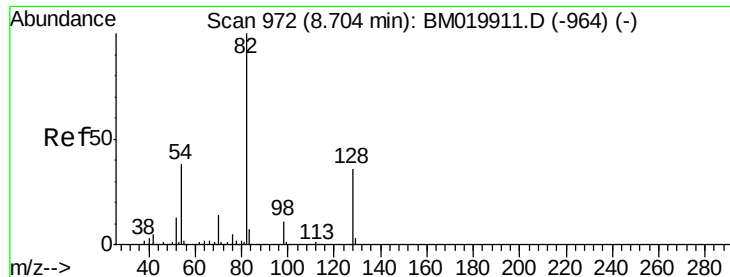
#22
Acetophenone
Concen: 41.369 ng
RT: 8.33 min Scan# 908
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt	Ion:105	Resp:	366524
Ion	Ratio	Lower	Upper
105	100		
71	1.3	0.8	1.2#
51	21.5	16.9	25.3
120	20.0	16.4	24.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

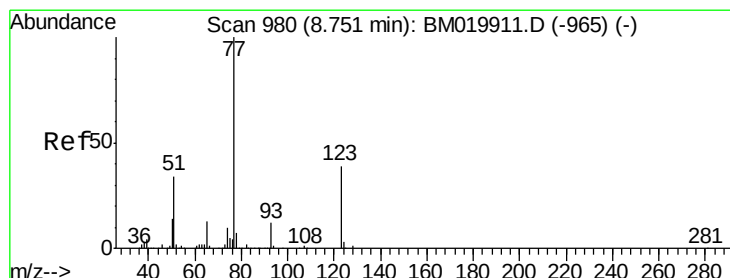
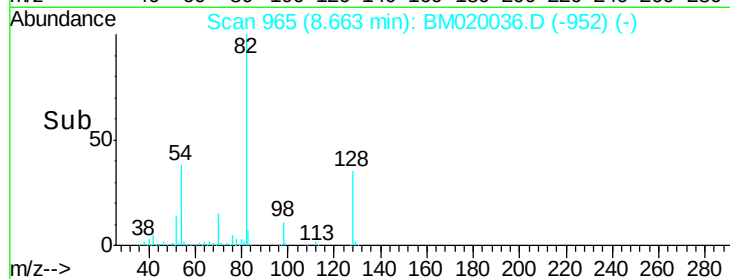
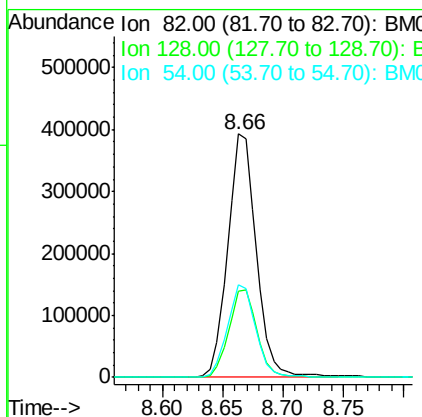
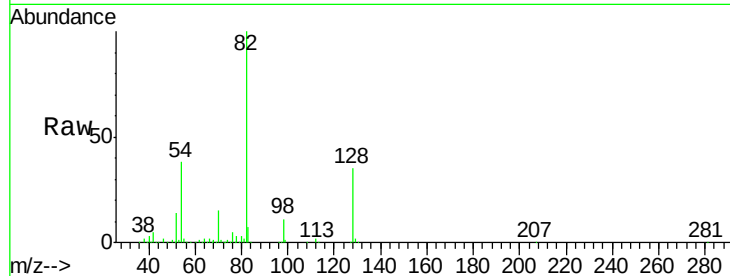




#23
 Nitrobenzene-d5
 Concen: 89.072 ng
 RT: 8.66 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

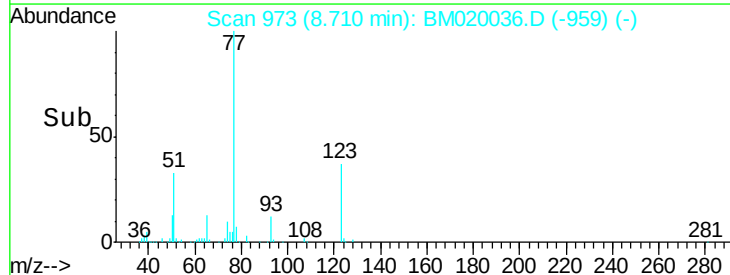
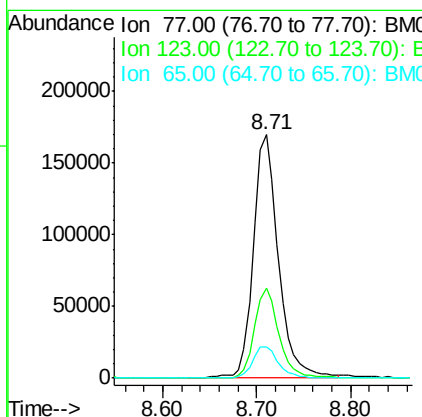
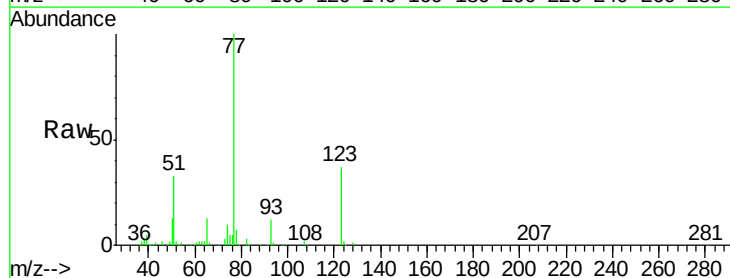
Instrument :
 BNA_M
 ClientSampleId :

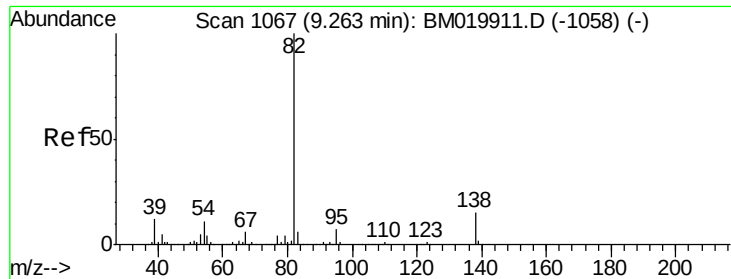
Tot Ion	82	Resp	647876
Ion Ratio	Lower	Upper	
82	100		
128	35.3	29.0	43.4
54	38.1	30.2	45.4



#24
 Nitrobenzene
 Concen: 41.264 ng
 RT: 8.71 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Tgt Ion	77	Resp	310921
Ion Ratio	Lower	Upper	
77	100		
123	37.0	31.0	46.4
65	12.9	10.6	16.0





#25

Isophorone

Concen: 35.727 ng

RT: 9.22 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

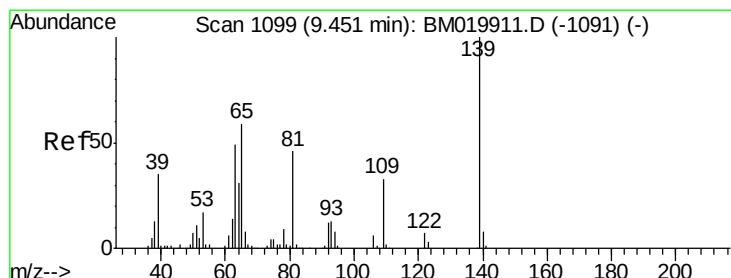
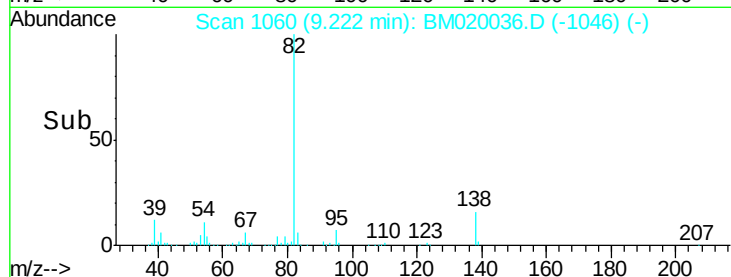
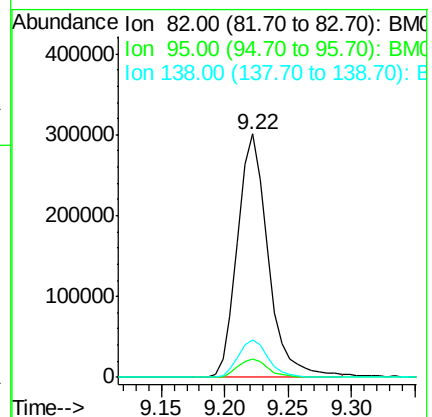
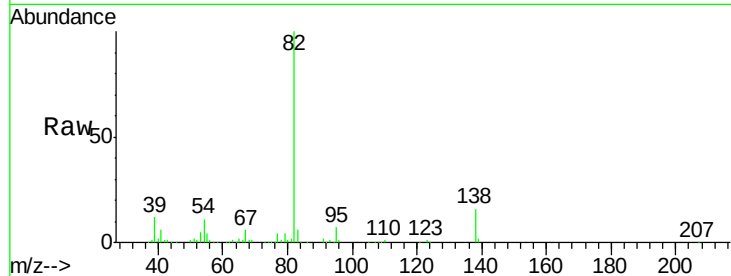
Tot Ion: 82 Resp: 505864

Ion Ratio Lower Upper

82 100

95 7.4 5.5 8.3

138 15.5 12.2 18.2



#26

2-Nitrophenol

Concen: 37.151 ng

RT: 9.42 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

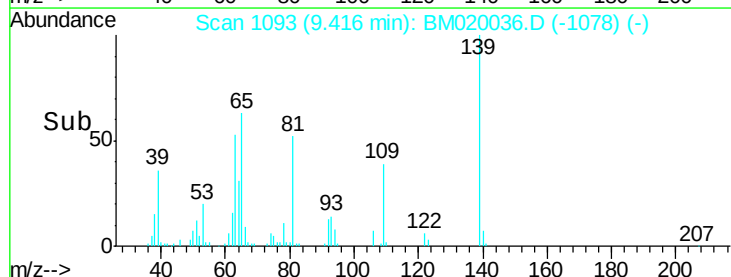
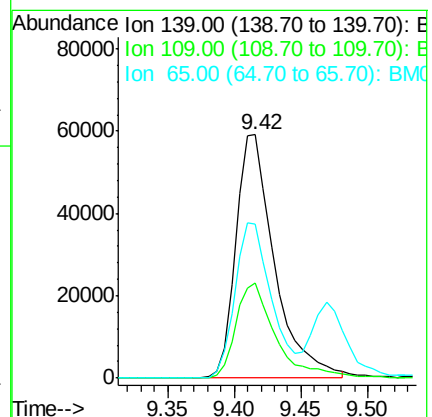
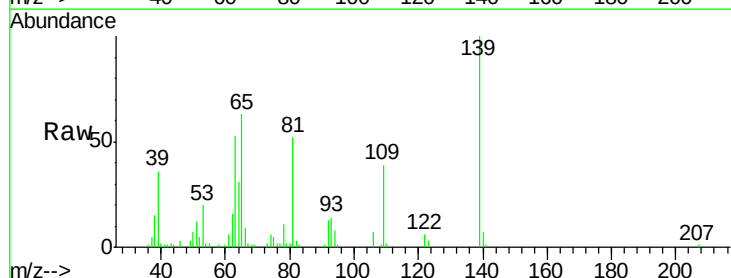
Tgt Ion: 139 Resp: 119292

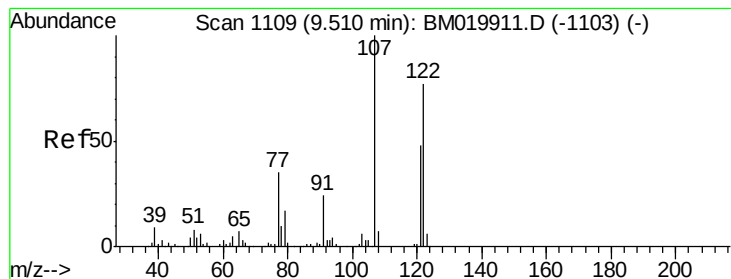
Ion Ratio Lower Upper

139 100

109 39.1 26.3 39.5

65 63.1 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 44.160 ng

RT: 9.47 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

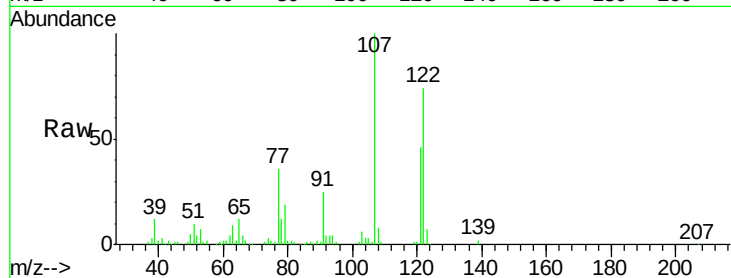
Tot Ion:122 Resp: 200488

Ion Ratio Lower Upper

122 100

107 134.7 103.1 154.7

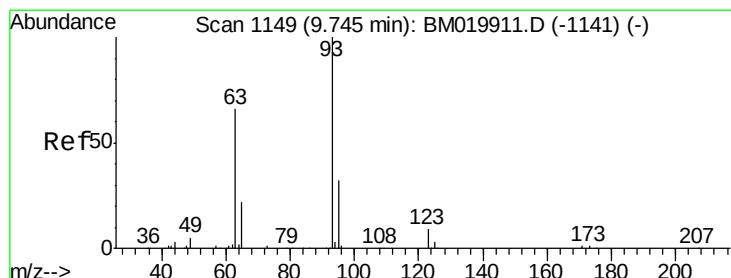
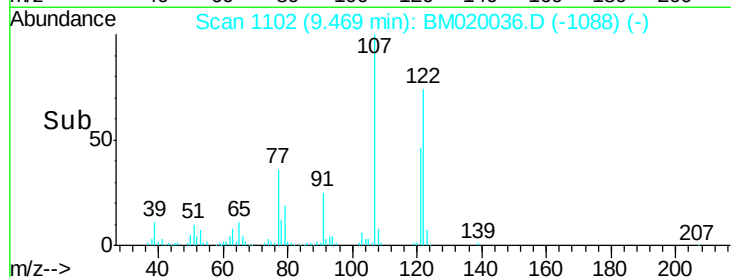
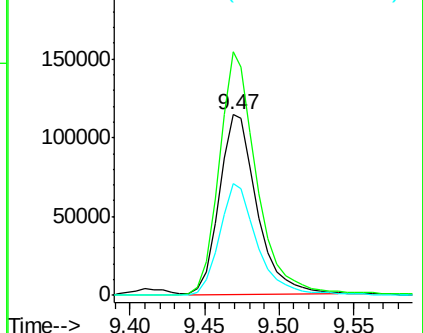
121 61.6 49.8 74.8



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: 35.960 ng

RT: 9.70 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

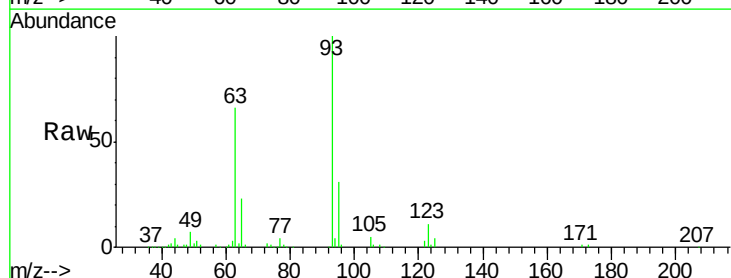
Tgt Ion: 93 Resp: 285112

Ion Ratio Lower Upper

93 100

95 31.0 25.8 38.8

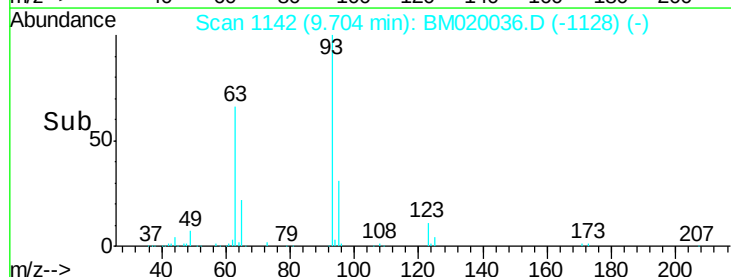
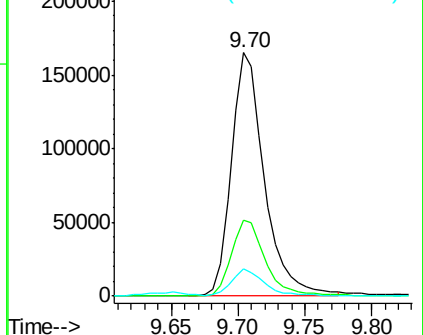
123 11.1 8.2 12.2

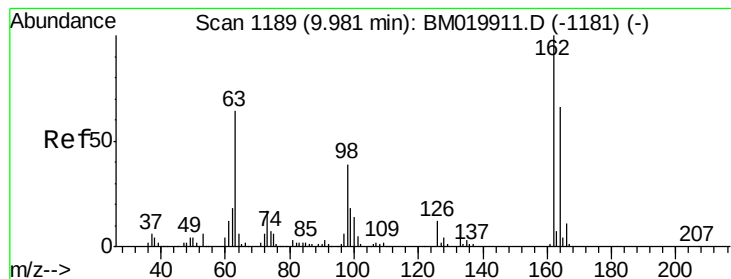


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.074 ng

RT: 9.95 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampled :

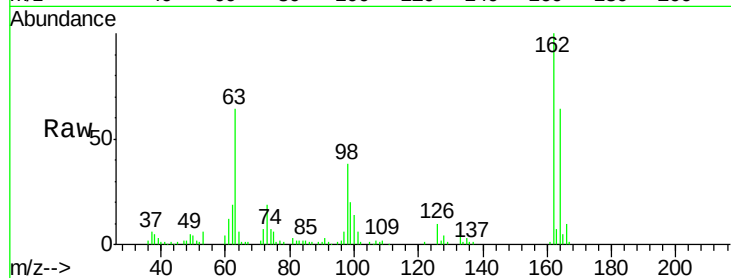
Tot Ion:162 Resp: 201479

Ion Ratio Lower Upper

162 100

164 64.3 46.3 86.3

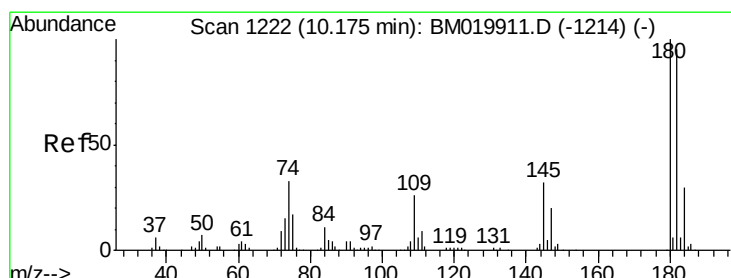
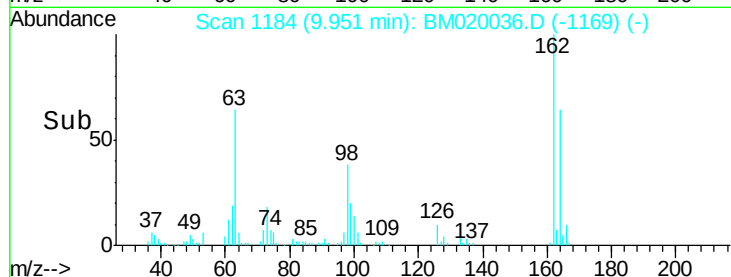
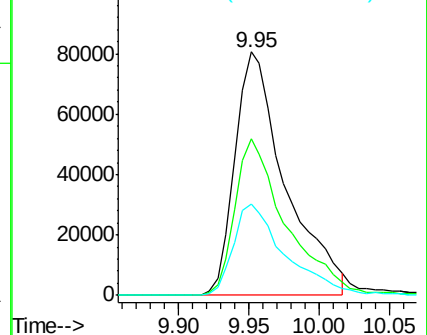
98 37.6 19.2 59.2



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: 42.966 ng

RT: 10.13 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

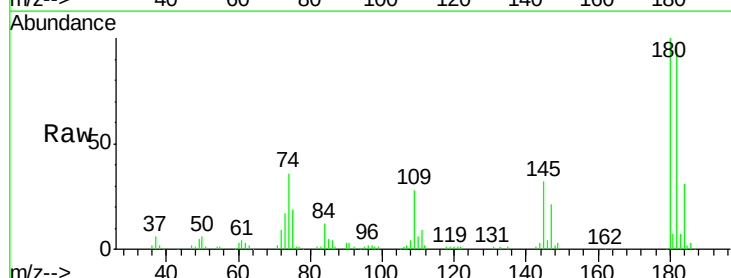
Tgt Ion:180 Resp: 238451

Ion Ratio Lower Upper

180 100

182 96.4 76.3 114.5

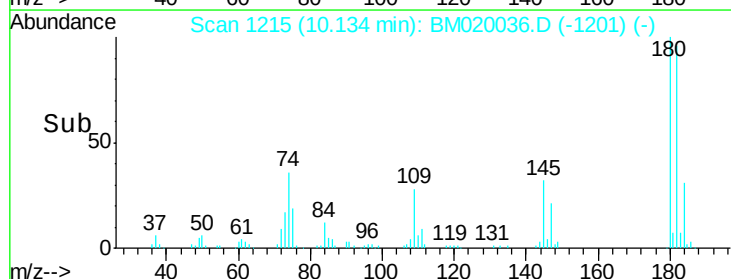
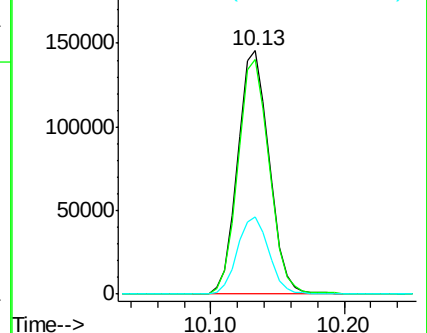
145 31.8 25.5 38.3

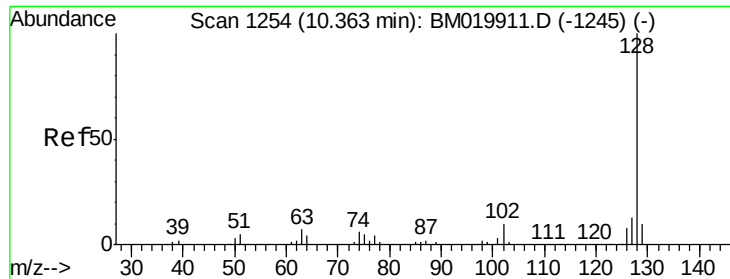


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

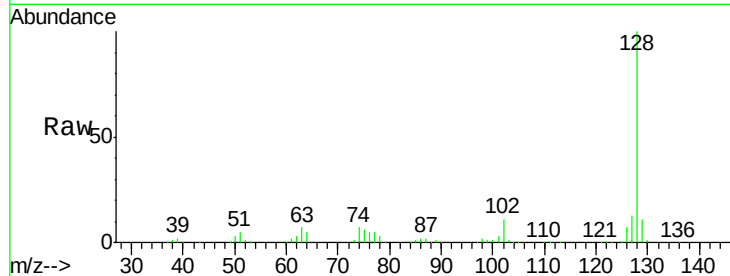




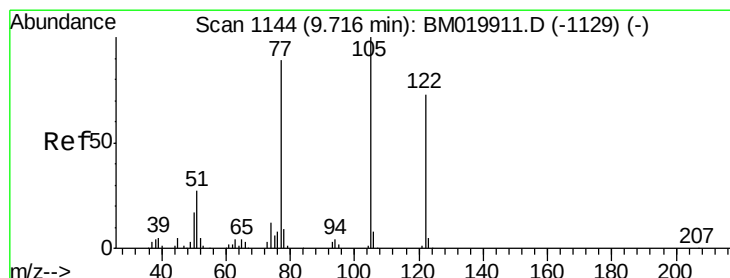
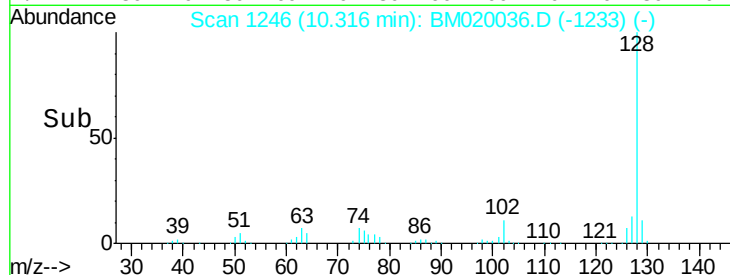
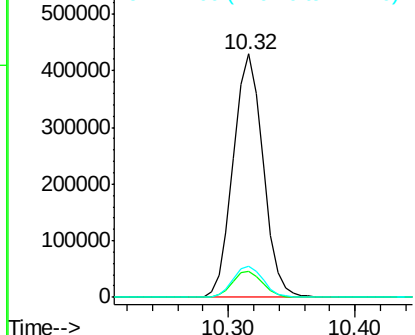
#31
Naphthalene
Concen: 40.212 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampled :

Tot Ion:128 Resp: 701600
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 12.9 10.4 15.6

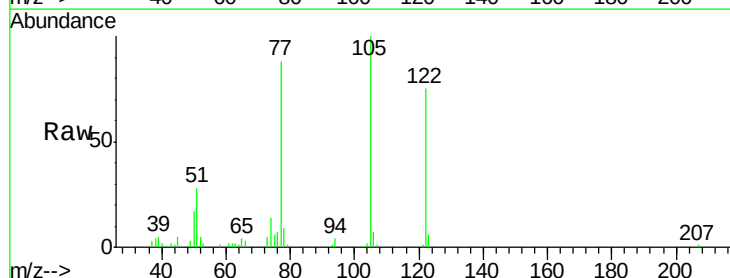


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

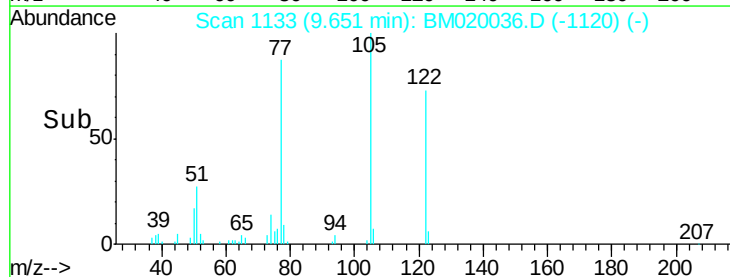
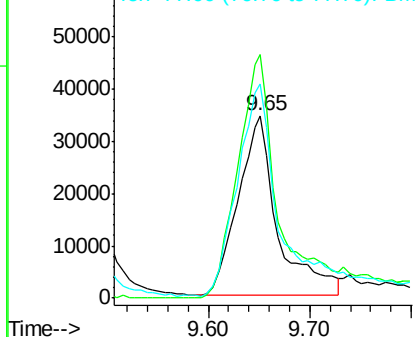


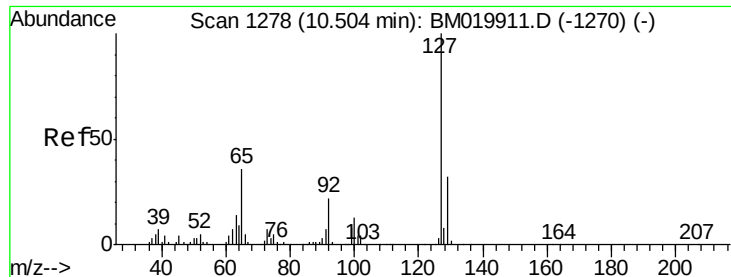
#32
Benzoic acid
Concen: 24.577 ng
RT: 9.65 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion:122 Resp: 93270
Ion Ratio Lower Upper
122 100
105 133.3 114.8 154.8
77 117.3 100.2 140.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

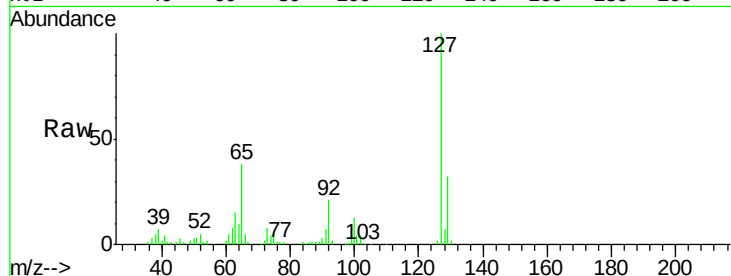




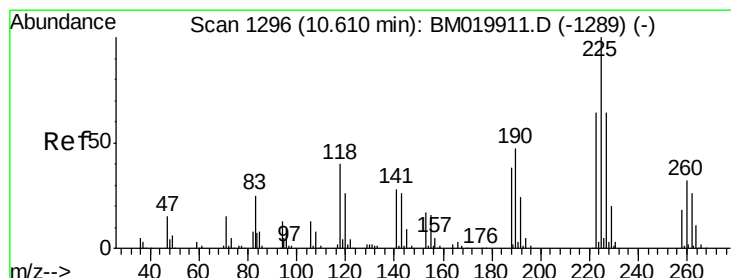
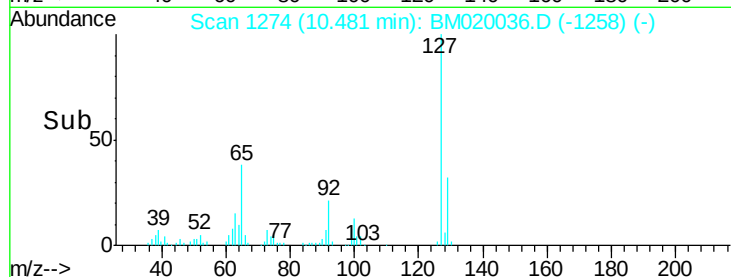
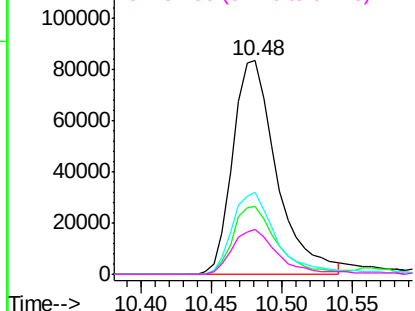
#33
4-Chloroaniline
Concen: 25.209 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127	Resp:	181192
Ion	Ratio	Lower Upper
127	100	
129	32.0	25.4 38.0
65	38.2	29.2 43.8
92	21.2	17.5 26.3

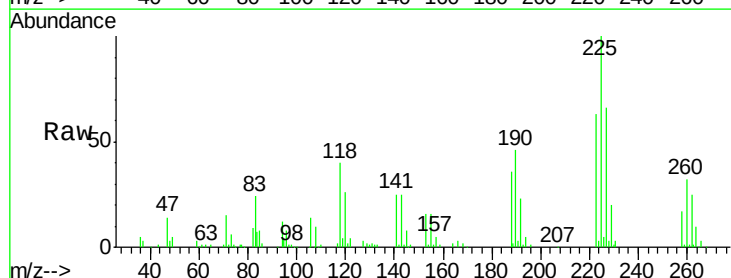


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

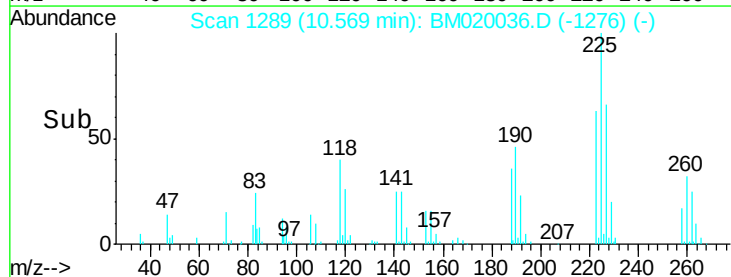
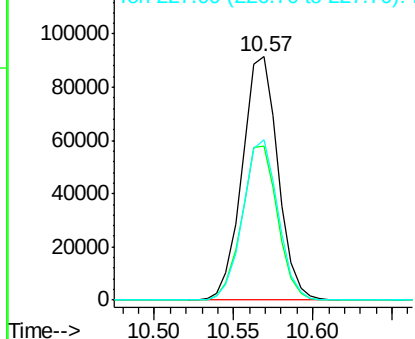


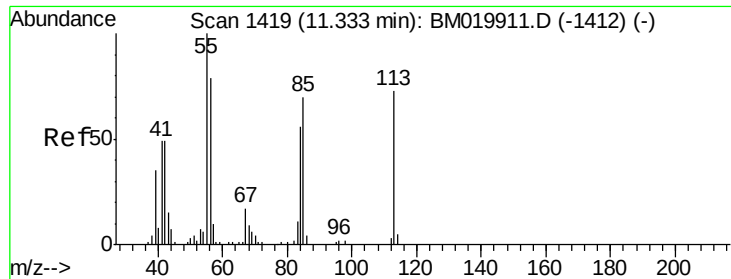
#34
Hexachlorobutadiene
Concen: 43.737 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion:225	Resp:	143156
Ion	Ratio	Lower Upper
225	100	
223	63.1	51.4 77.2
227	65.8	51.0 76.6



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





#35

Caprolactam

Concen: 21.437 ng

RT: 11.32 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

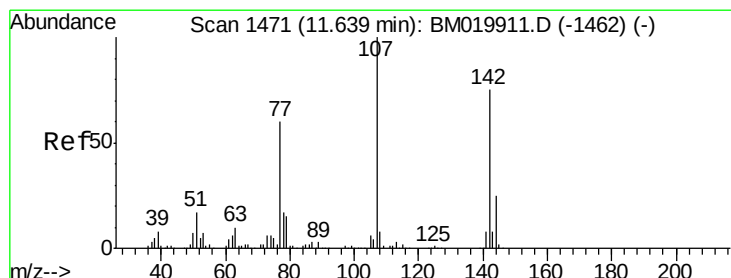
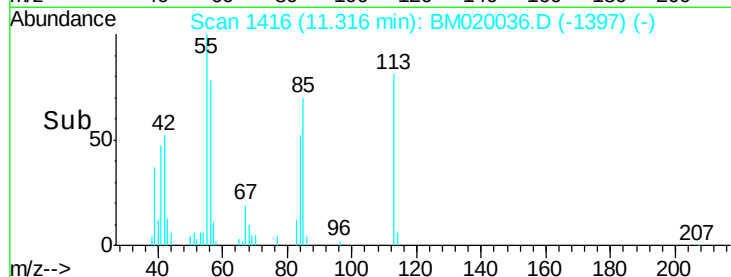
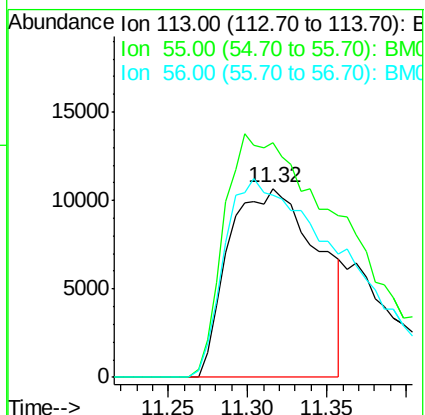
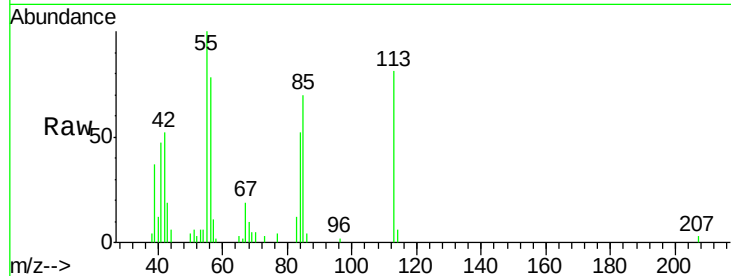
Tot Ion:113 Resp: 41841

Ion Ratio Lower Upper

113 100

55 124.1 117.1 157.1

56 96.4 88.2 128.2



#36

4-Chloro-3-methylphenol

Concen: 34.370 ng

RT: 11.60 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

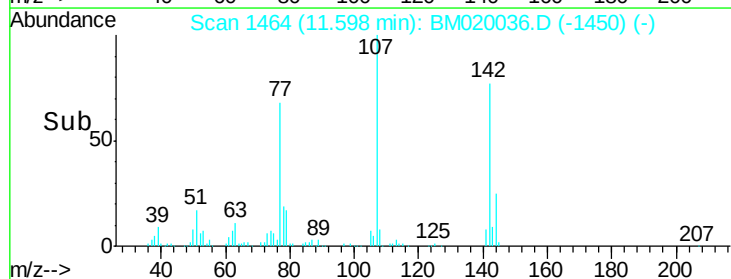
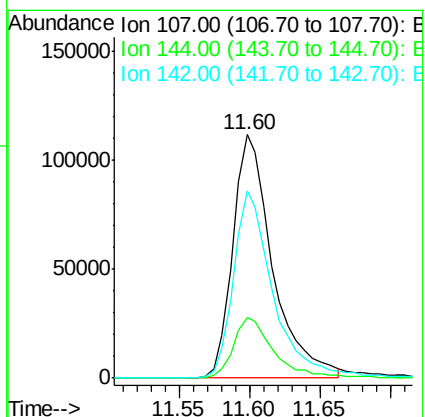
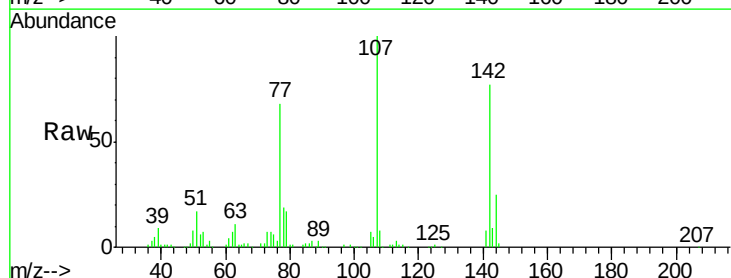
Tgt Ion:107 Resp: 220207

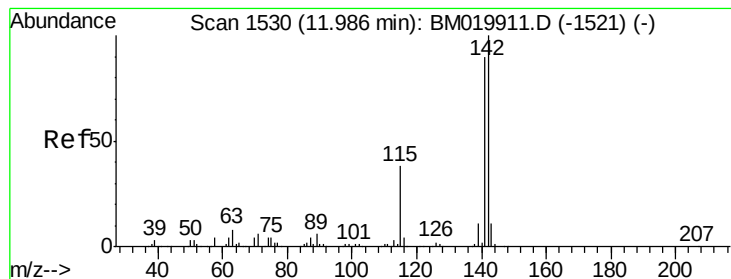
Ion Ratio Lower Upper

107 100

144 25.1 19.8 29.8

142 77.1 60.3 90.5

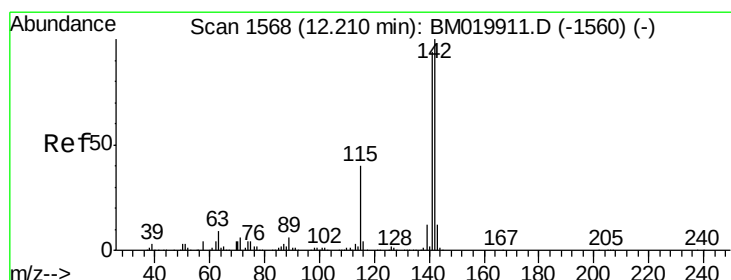
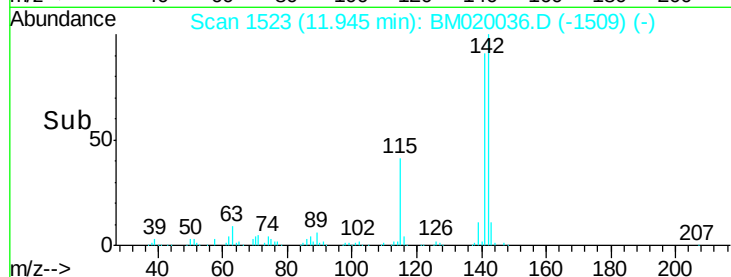
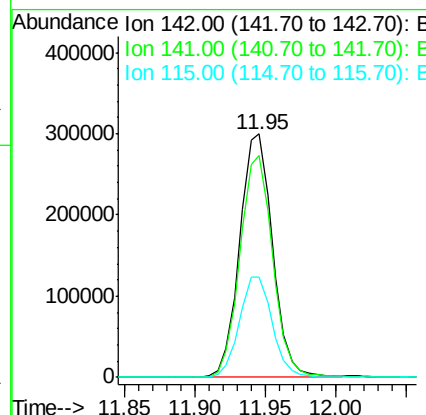
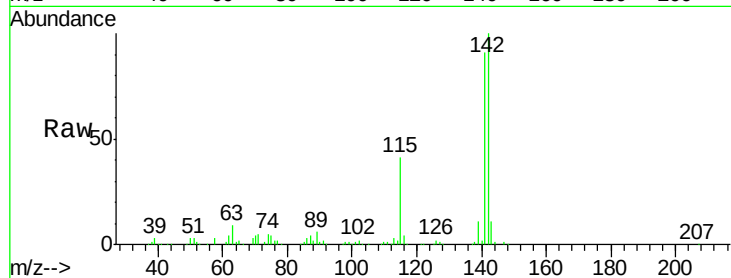




#37
 2-Methylnaphthalene
 Concen: 38.493 ng
 RT: 11.95 min Scan# 1523
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

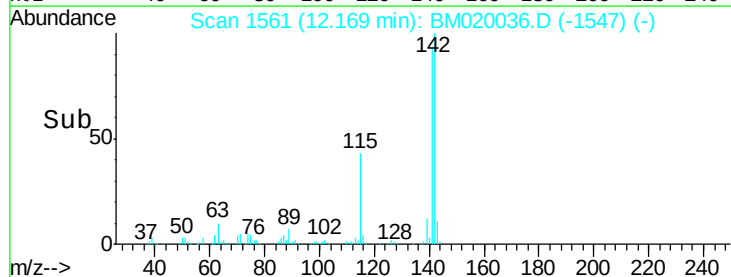
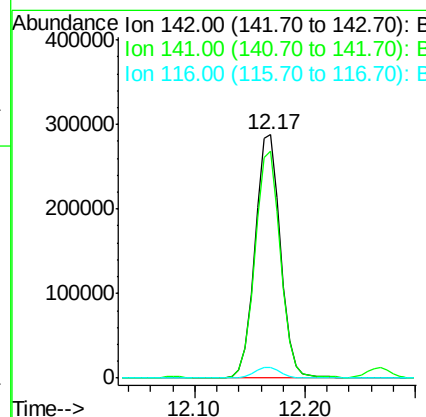
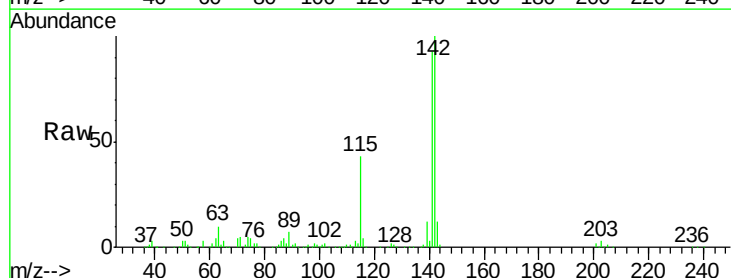
Instrument :
 BNA_M
 ClientSampleId :

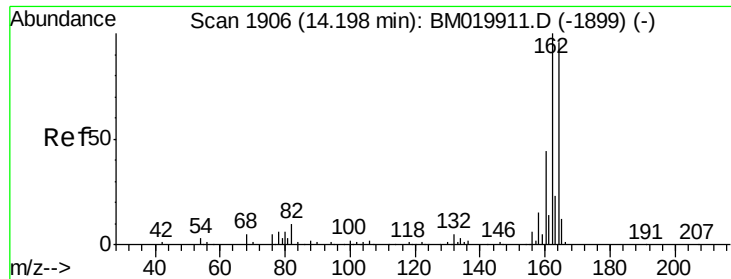
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.3	108.5
115	41.0	30.5	45.7



#38
 1-Methylnaphthalene
 Concen: 37.004 ng
 RT: 12.17 min Scan# 1561
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.7	113.5
116	4.4	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.16 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

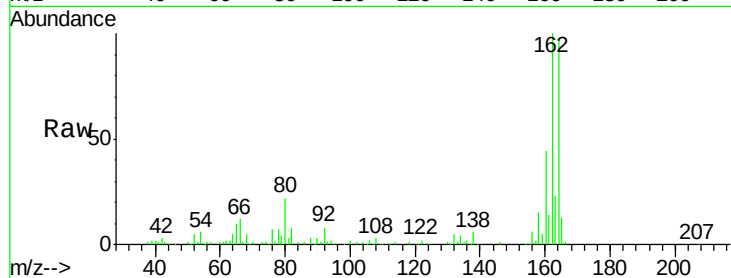
Tot Ion:164 Resp: 175265

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.4

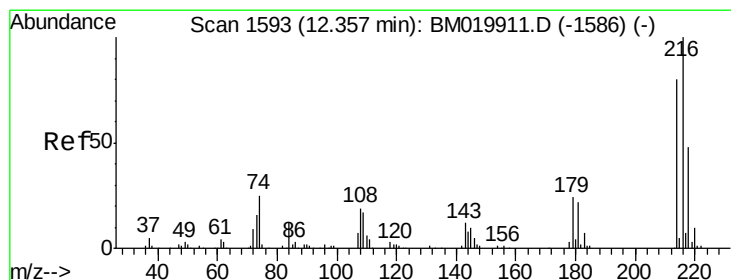
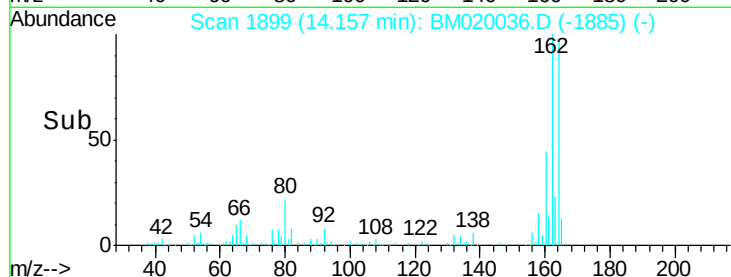
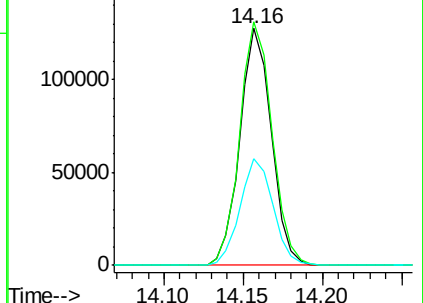
160 44.9 36.6 55.0



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: 44.687 ng

RT: 12.32 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Tgt Ion:216 Resp: 241614

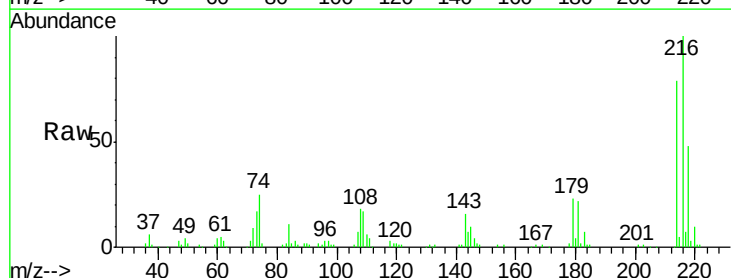
Ion Ratio Lower Upper

216 100

214 78.9 63.1 94.7

179 22.9 19.0 28.6

108 19.9 16.3 24.5

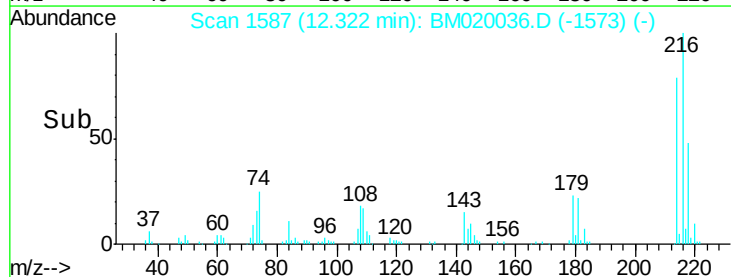
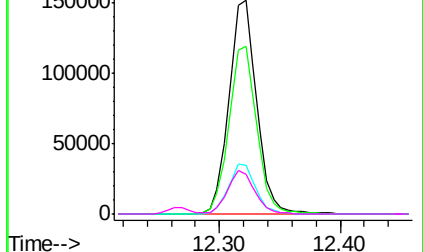


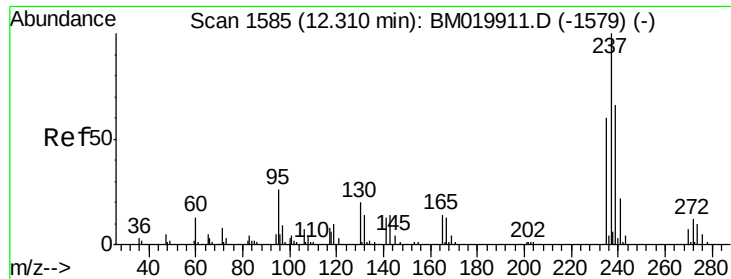
Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.724 ng

RT: 12.27 min Scan# 1578

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

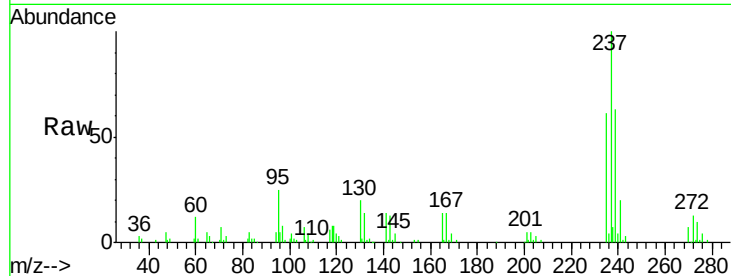
Tot Ion:237 Resp: 132352

Ion Ratio Lower Upper

237 100

235 61.1 40.4 80.4

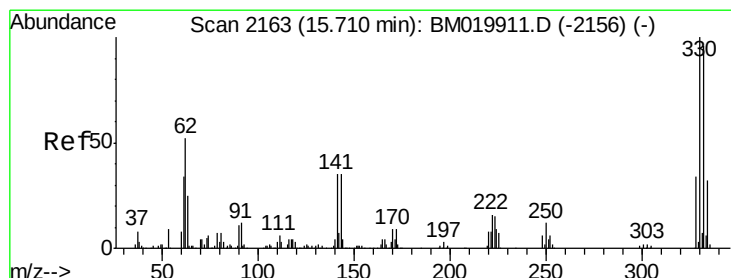
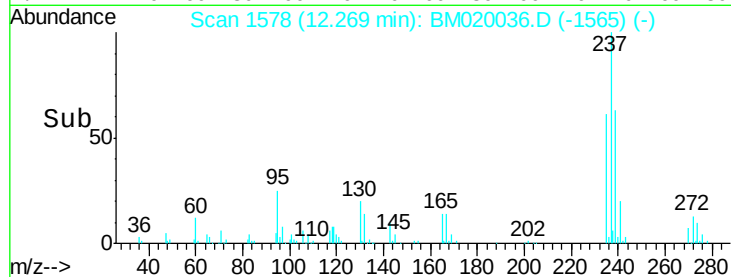
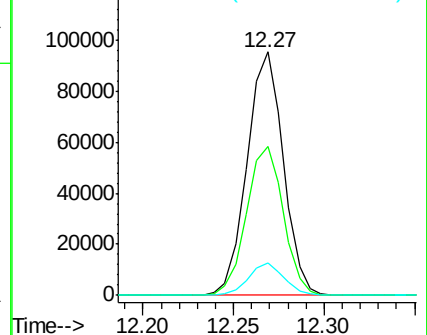
272 13.1 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 125.353 ng

RT: 15.67 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

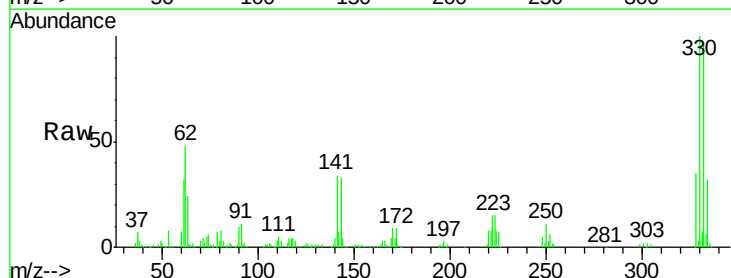
Tgt Ion:330 Resp: 353655

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.2

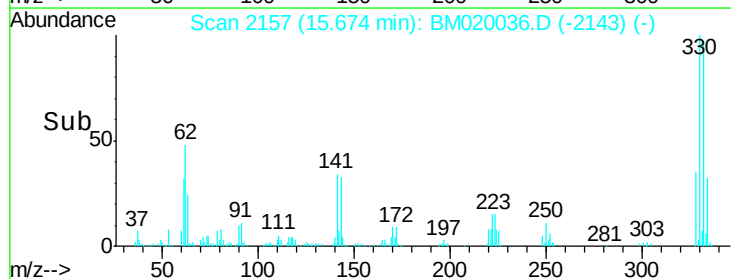
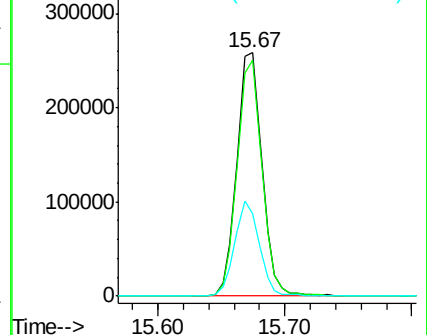
141 38.5 29.0 43.4

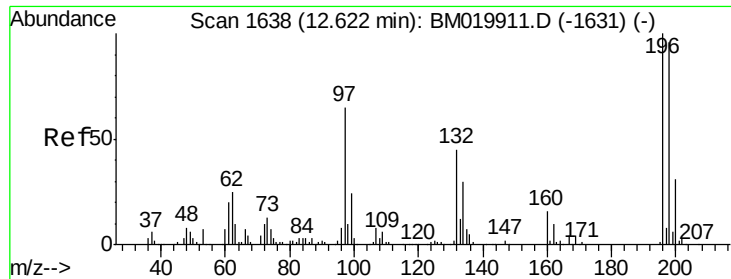


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

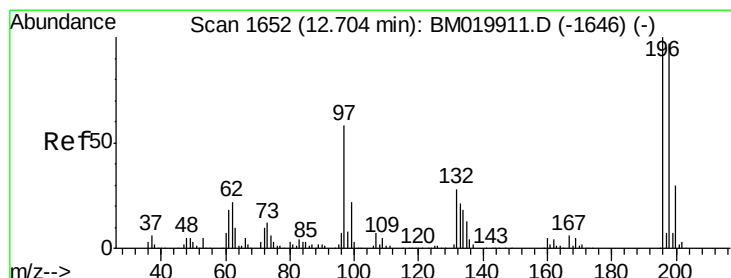
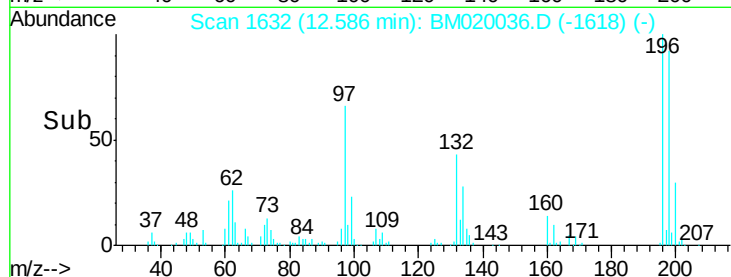
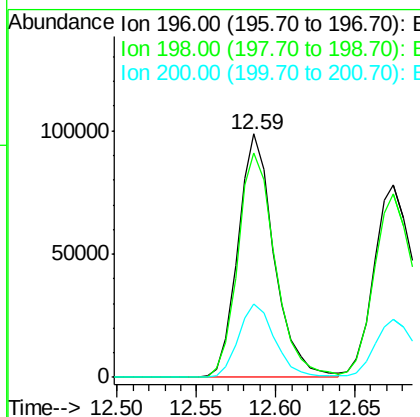
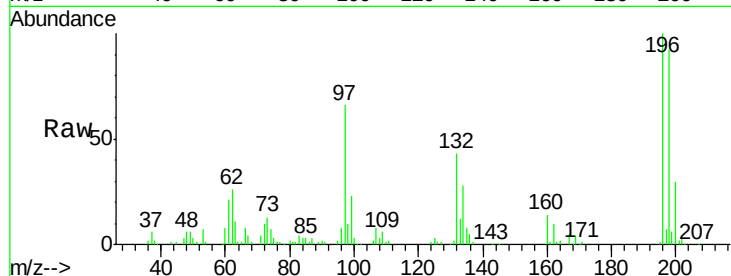




#43
 2,4,6-Trichlorophenol
 Concen: 42.626 ng
 RT: 12.59 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

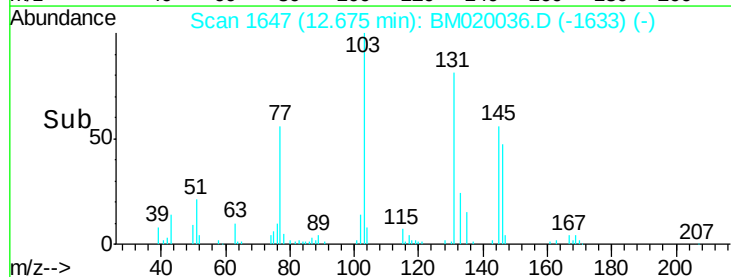
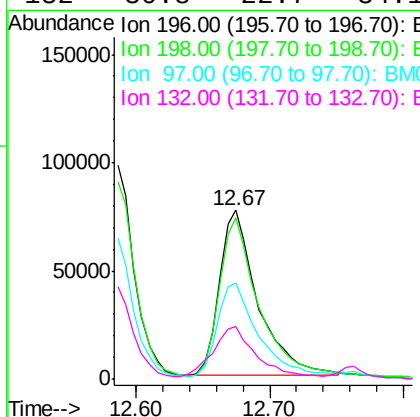
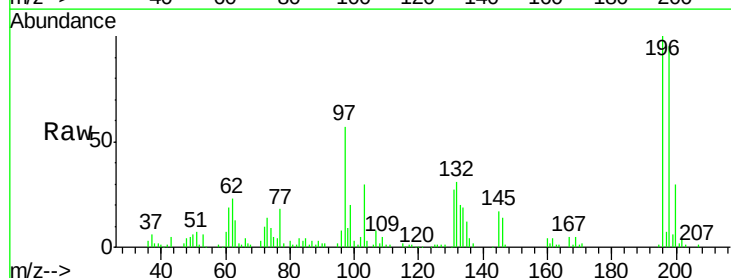
Instrument :
 BNA_M
 ClientSampleId :

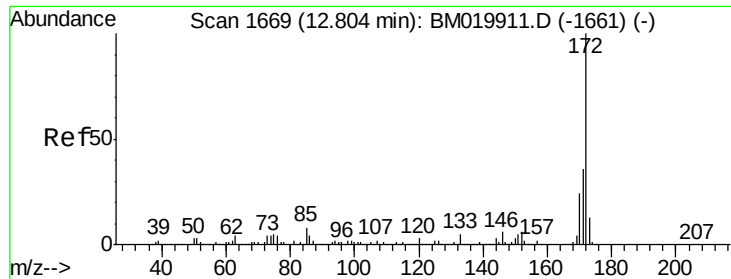
Tot Ion:196 Resp: 156252
 Ion Ratio Lower Upper
 196 100
 198 92.3 76.8 115.2
 200 30.1 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.556 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Tgt Ion:196 Resp: 154730
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.8 116.8
 97 56.8 46.2 69.2
 132 30.8 22.7 34.1

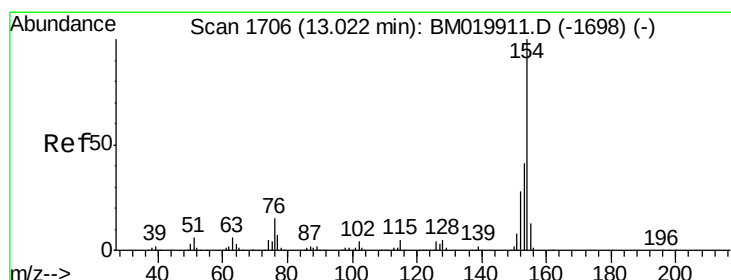
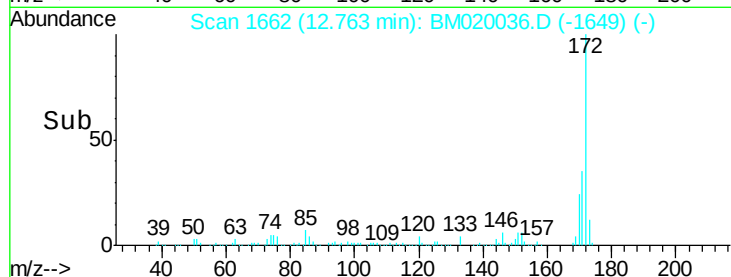
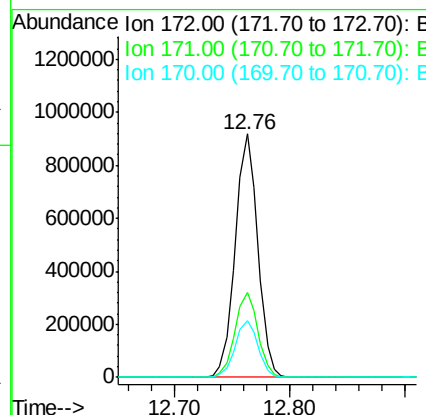
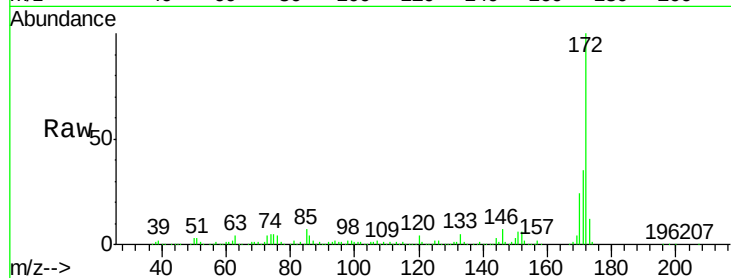




#45
2-Fluorobiphenyl
Concen: 88.566 ng
RT: 12.76 min Scan# 1662
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

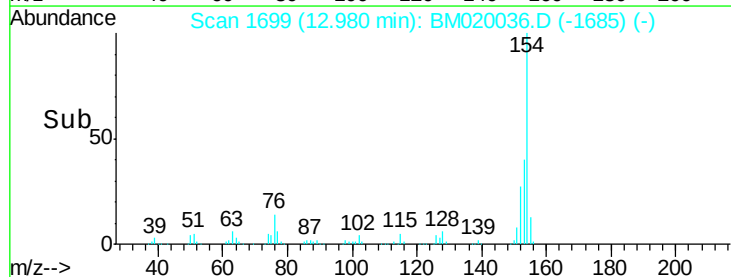
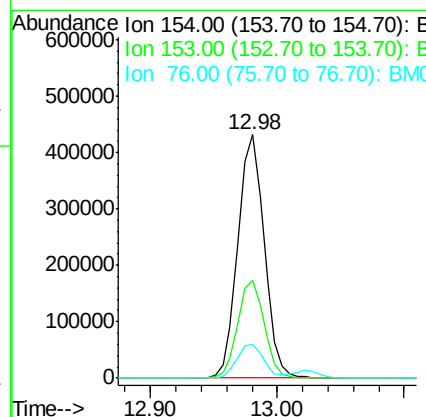
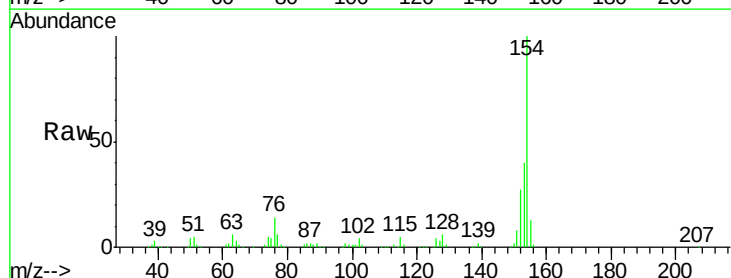
Instrument :
BNA_M
ClientSampleId :

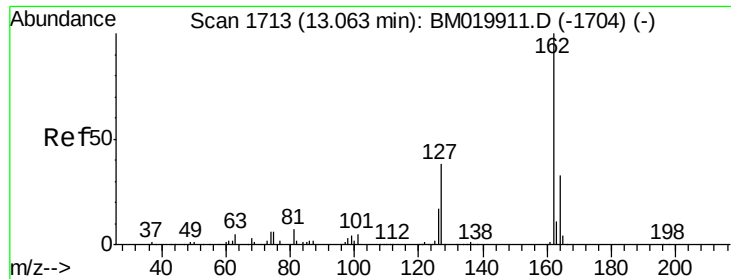
Tot Ion:172 Resp: 1245556
Ion Ratio Lower Upper
172 100
171 34.9 28.9 43.3
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 40.848 ng
RT: 12.98 min Scan# 1699
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion:154 Resp: 620082
Ion Ratio Lower Upper
154 100
153 40.2 21.0 61.0
76 13.9 0.0 34.8

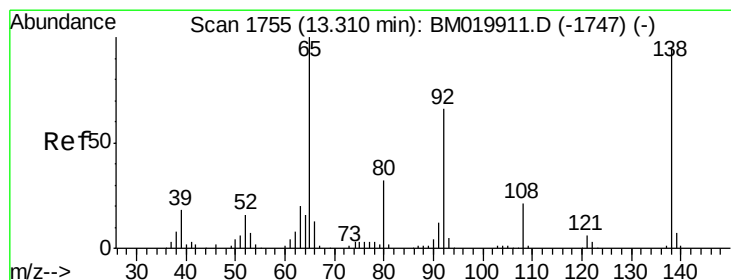
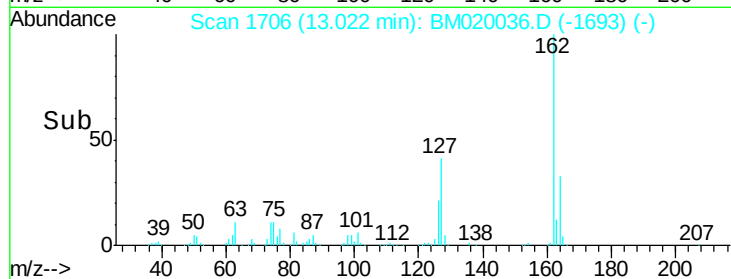
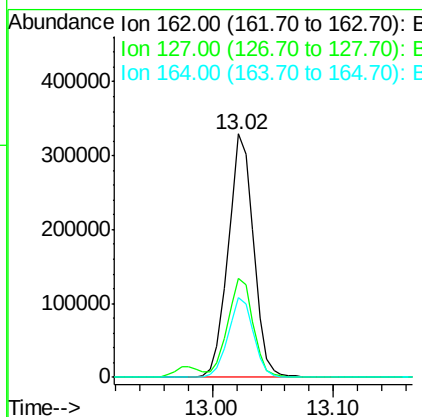
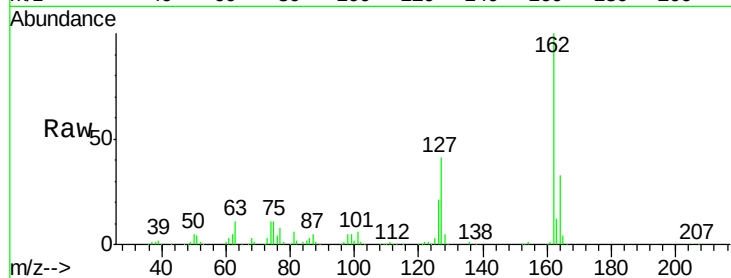




#47
 2-Chloronaphthalene
 Concen: 41.514 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

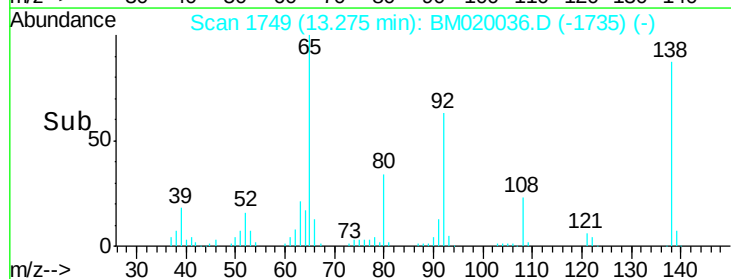
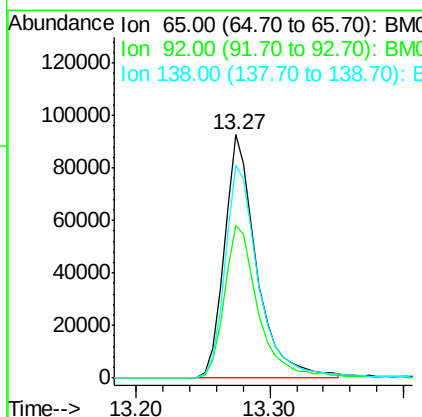
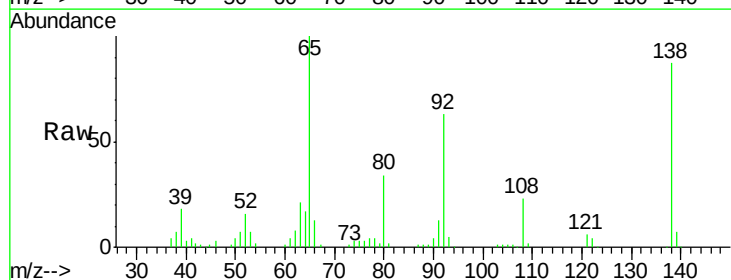
Instrument :
 BNA_M
 ClientSampled :

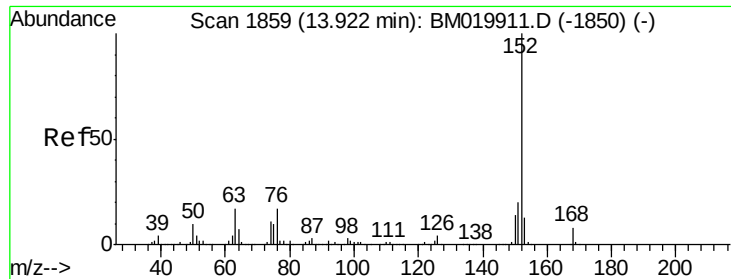
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.3	48.5
164	32.7	26.3	39.5



#48
 2-Nitroaniline
 Concen: 37.481 ng
 RT: 13.27 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	52.9	79.3
138	87.3	75.8	113.6





#49

Acenaphthylene

Concen: 37.838 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

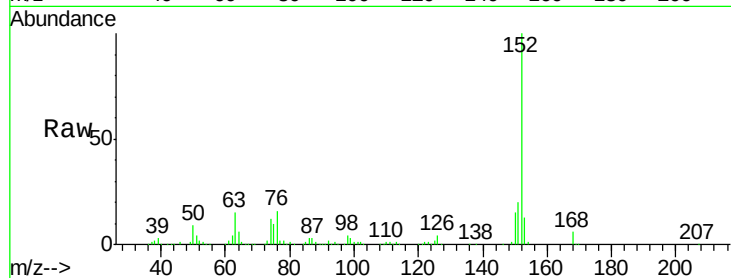
Tot Ion:152 Resp: 762300

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

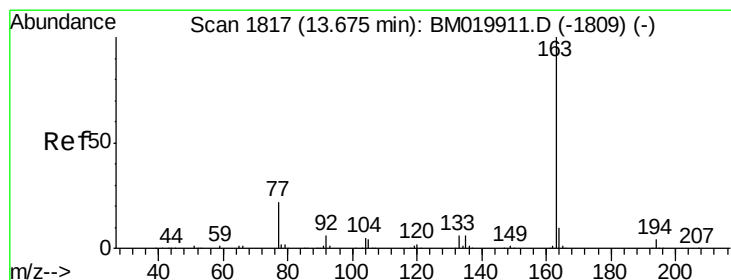
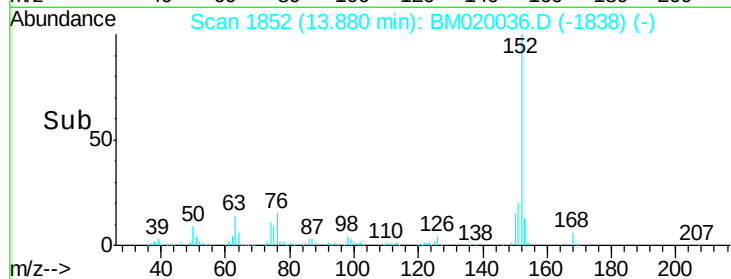
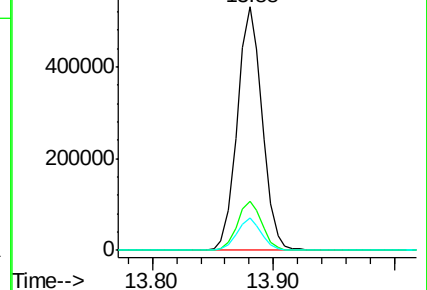
153 13.1 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.918 ng

RT: 13.63 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

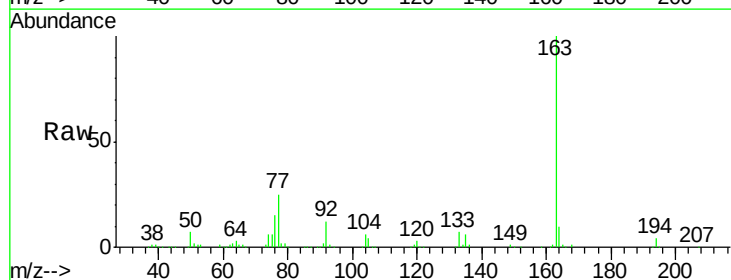
Tgt Ion:163 Resp: 601651

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

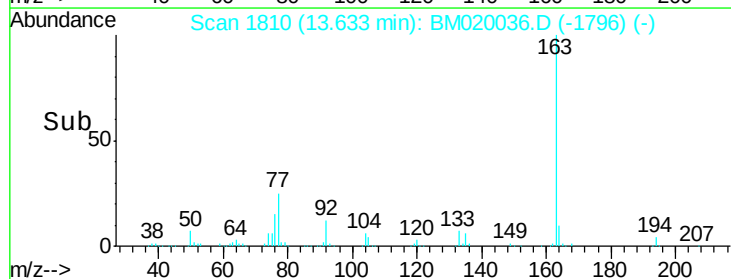
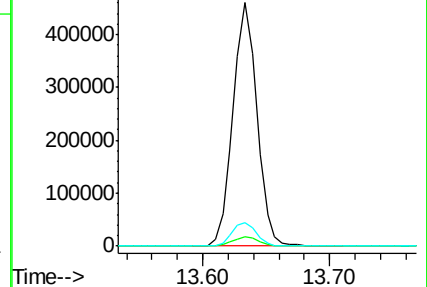
164 9.8 7.9 11.9

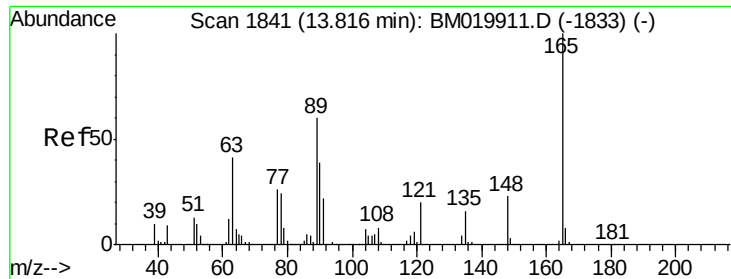


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.496 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

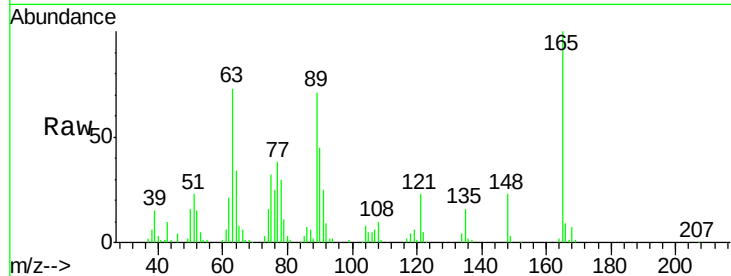
Tot Ion:165 Resp: 128183

Ion Ratio Lower Upper

165 100

63 73.3 48.5 72.7#

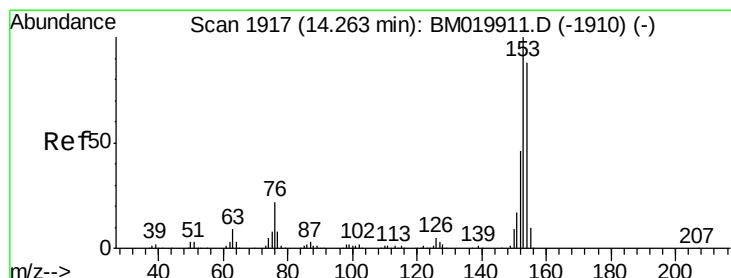
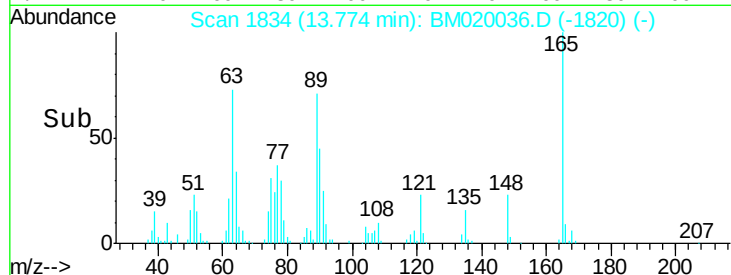
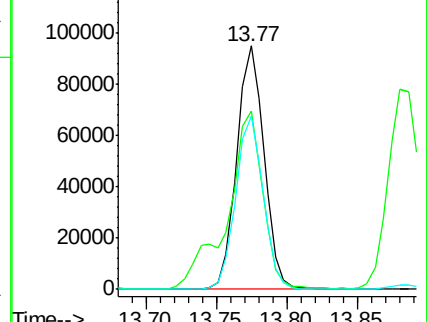
89 71.4 48.2 72.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 39.551 ng

RT: 14.22 min Scan# 1910

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

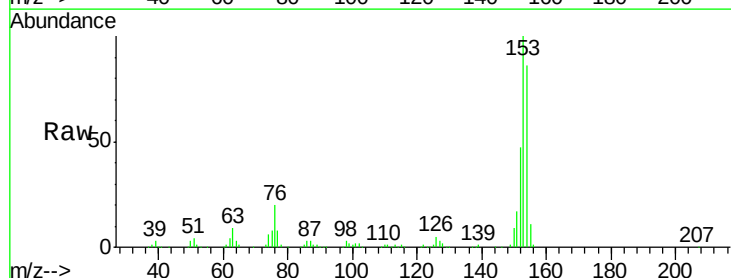
Tgt Ion:154 Resp: 441802

Ion Ratio Lower Upper

154 100

153 116.1 91.0 136.4

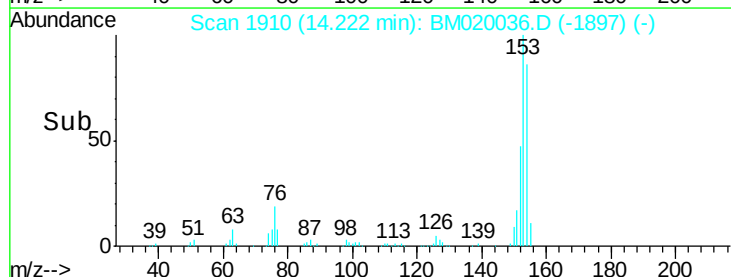
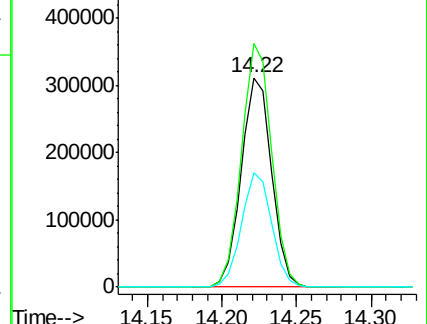
152 54.6 42.2 63.2

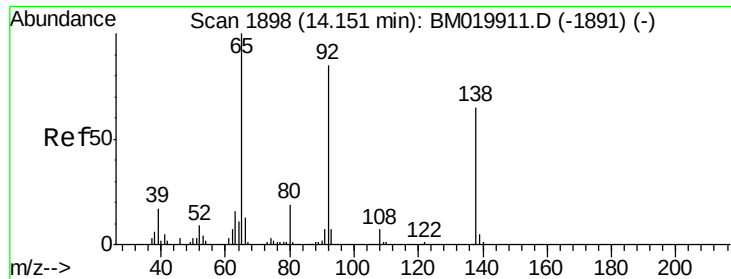


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

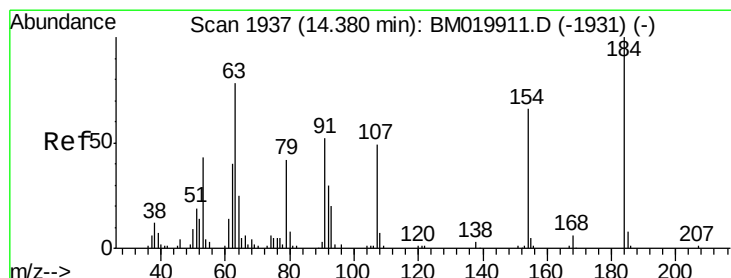
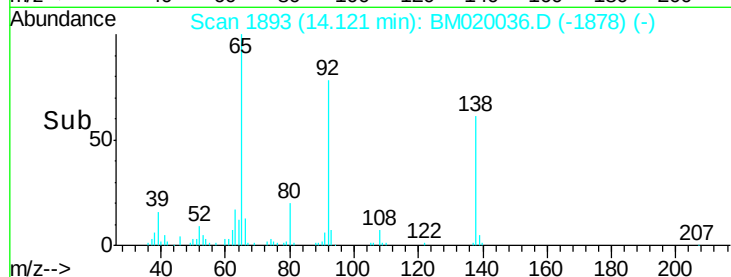
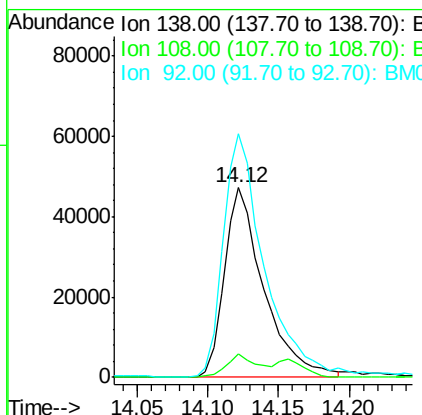
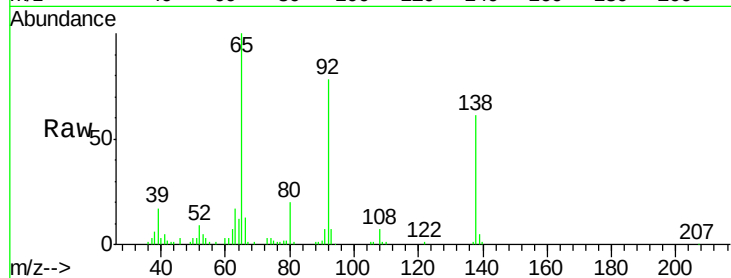




#53
3-Nitroaniline
Concen: 26.847 ng
RT: 14.12 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

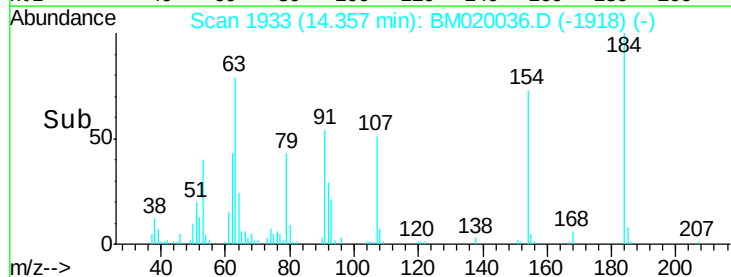
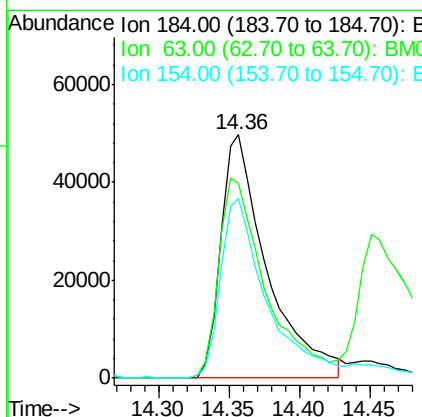
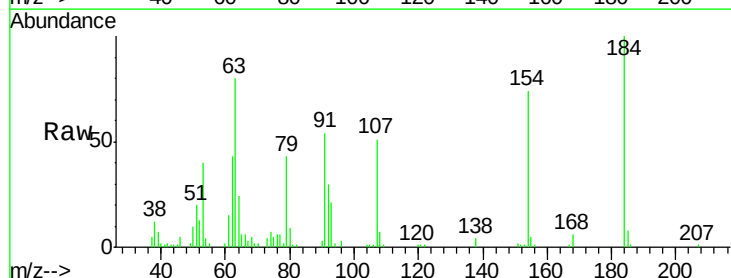
Instrument :
BNA_M
ClientSampleId :

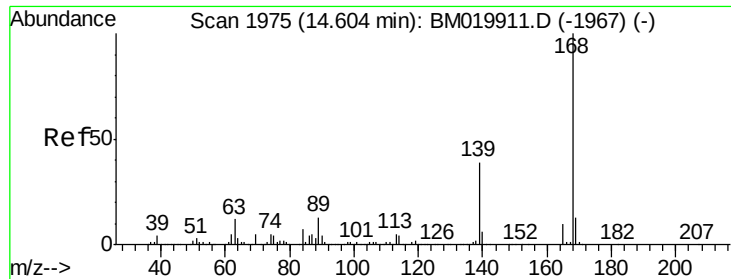
Tot Ion:138 Resp: 91643
Ion Ratio Lower Upper
138 100
108 12.1 8.9 13.3
92 128.6 103.8 155.8



#54
2,4-Dinitrophenol
Concen: 57.759 ng
RT: 14.36 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion:184 Resp: 113226
Ion Ratio Lower Upper
184 100
63 80.0 62.3 93.5
154 73.6 53.0 79.6

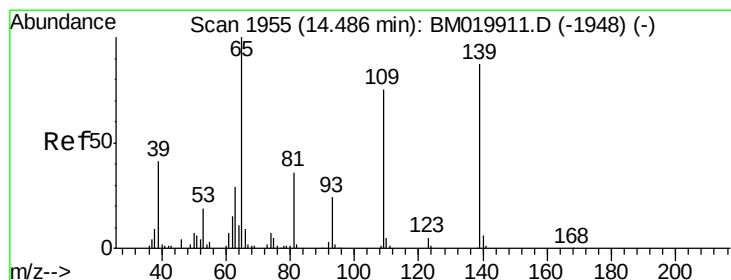
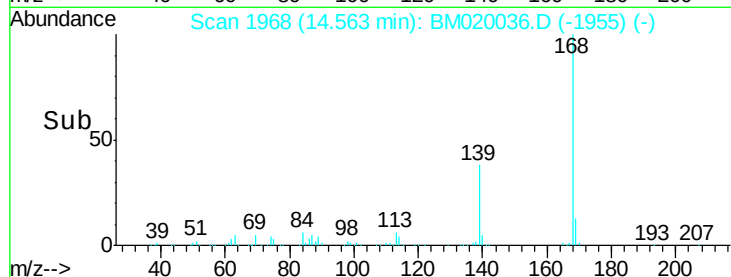
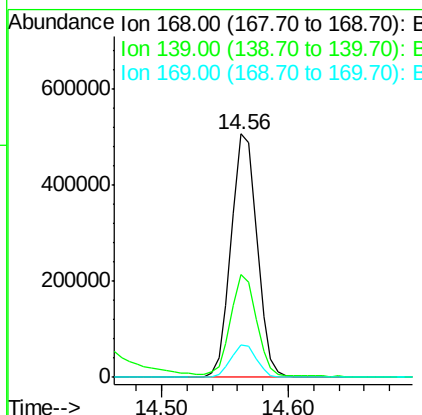
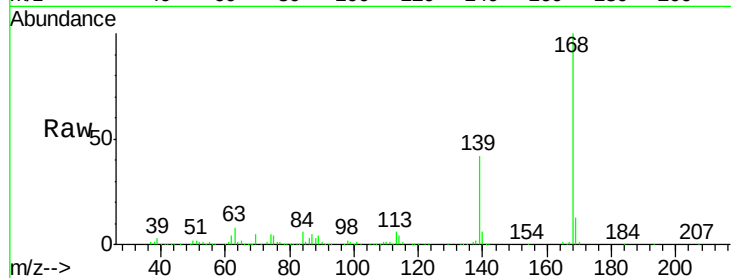




#55
Dibenzofuran
Concen: 39.267 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

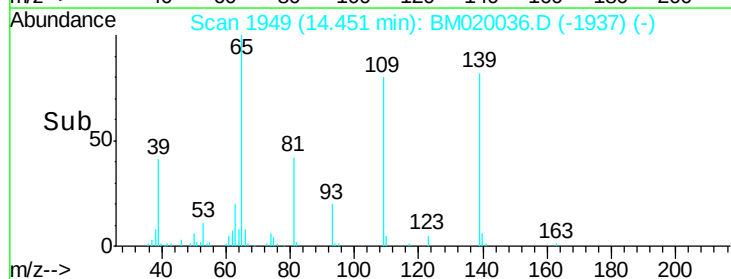
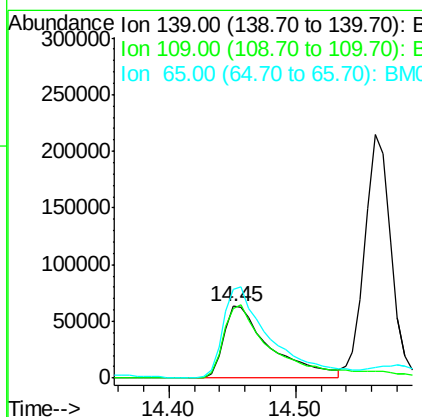
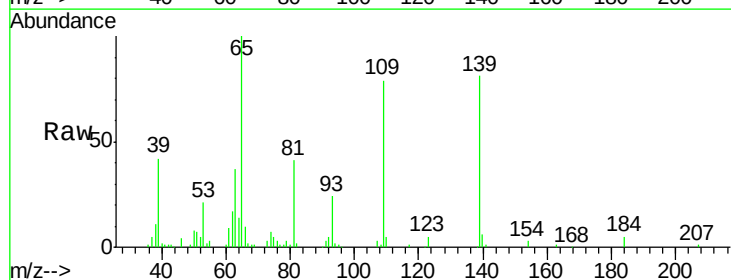
Instrument :
BNA_M
ClientSampleId :

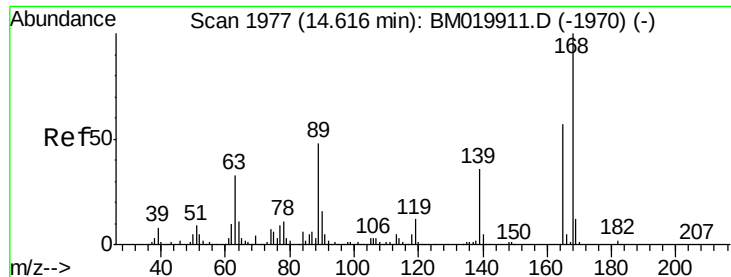
Tot Ion:168 Resp: 717277
Ion Ratio Lower Upper
168 100
139 42.4 31.5 47.3
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 61.753 ng
RT: 14.45 min Scan# 1949
Delta R.T. -0.03 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion:139 Resp: 162446
Ion Ratio Lower Upper
139 100
109 97.4 65.3 105.3
65 123.9 94.9 134.9

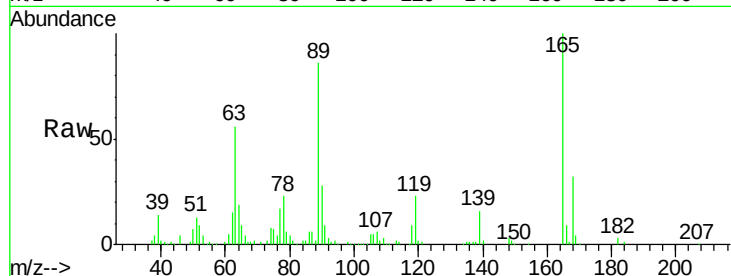




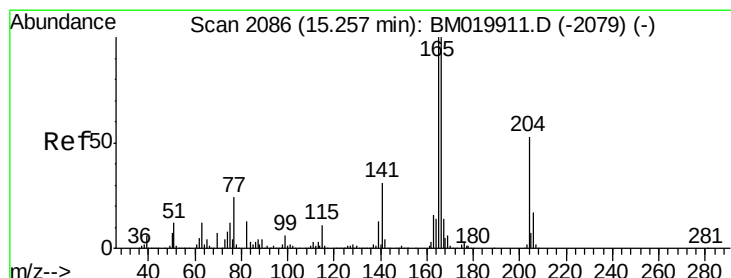
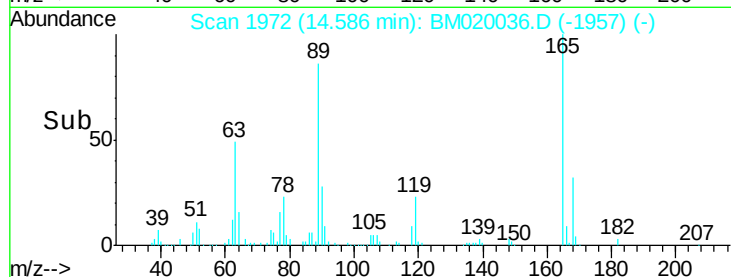
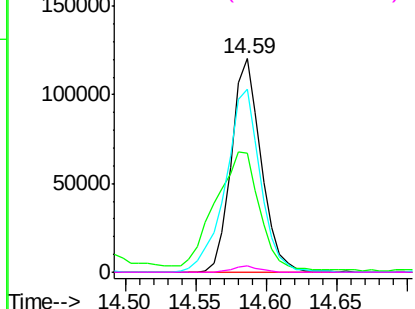
#57
 2,4-Dinitrotoluene
 Concen: 36.021 ng
 RT: 14.59 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 177005
 Ion Ratio Lower Upper
 165 100
 63 55.8 46.0 69.0
 89 86.0 67.5 101.3
 182 2.8 2.4 3.6

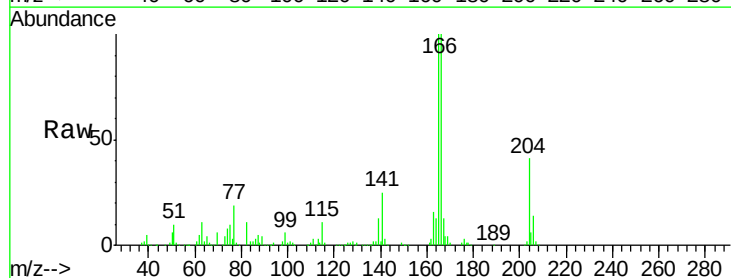


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

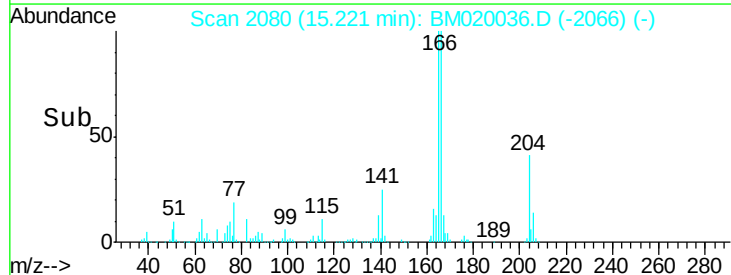
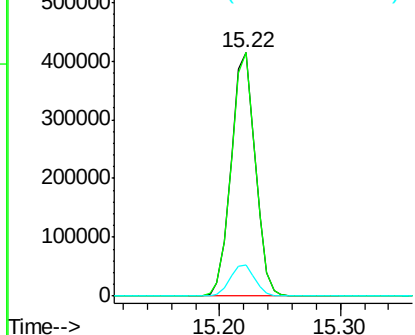


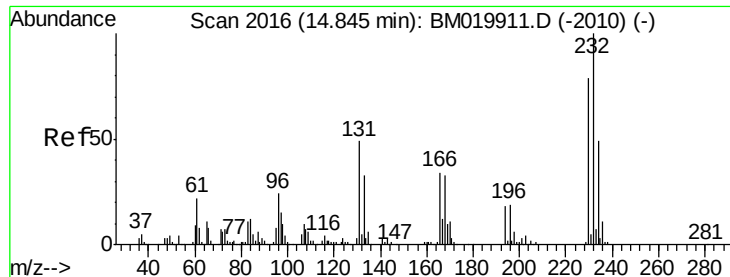
#58
 Fluorene
 Concen: 37.329 ng
 RT: 15.22 min Scan# 2080
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Tgt Ion:166 Resp: 577786
 Ion Ratio Lower Upper
 166 100
 165 99.9 80.1 120.1
 167 13.0 11.0 16.4



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

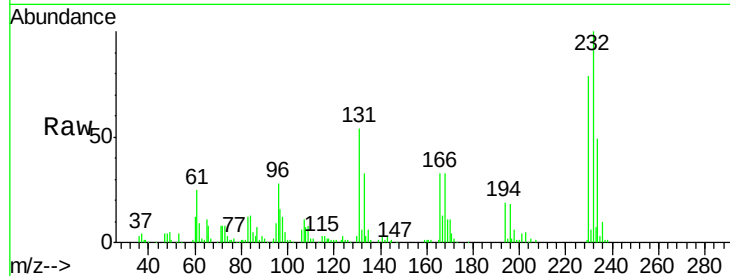




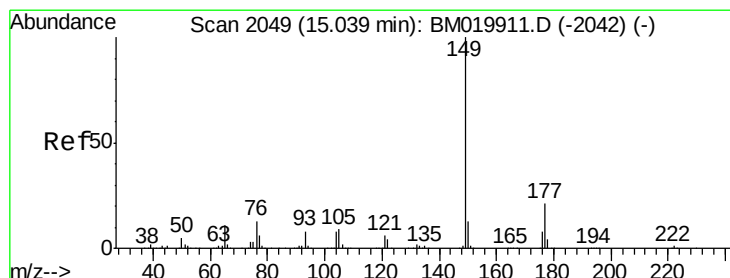
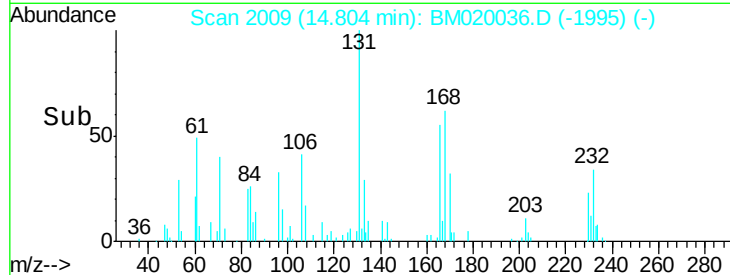
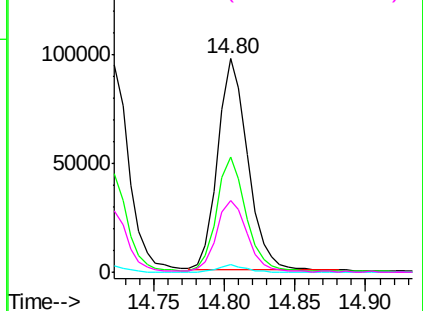
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.344 ng
RT: 14.80 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampled :

Tot Ion:232	Resp:	143925
Ion Ratio	Lower	Upper
232	100	
131	52.8	42.1 63.1
130	3.1	2.2 3.4
166	35.7	28.1 42.1

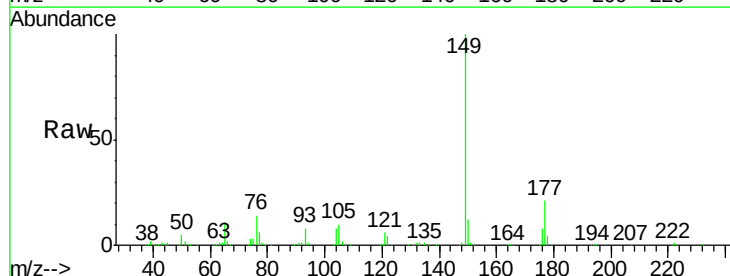


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

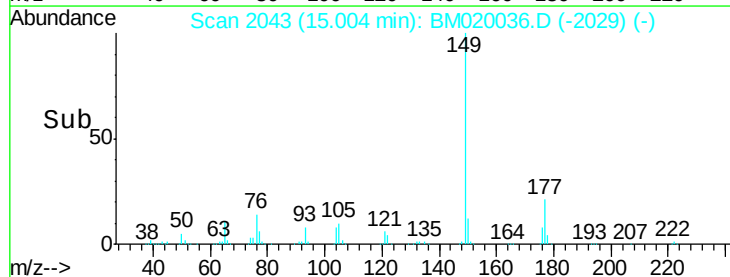
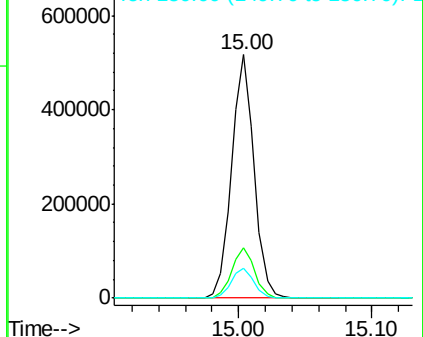


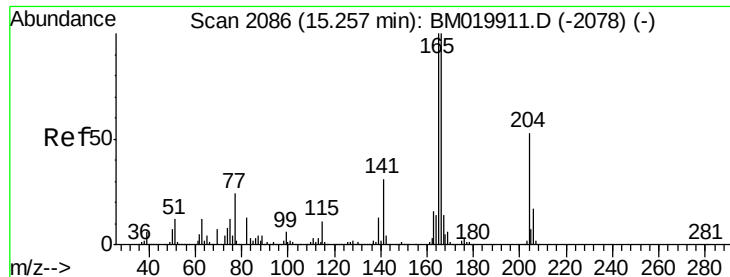
#60
Diethylphthalate
Concen: 37.800 ng
RT: 15.00 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion:149	Resp:	607774
Ion Ratio	Lower	Upper
149	100	
177	20.9	16.6 25.0
150	12.5	10.0 15.0



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

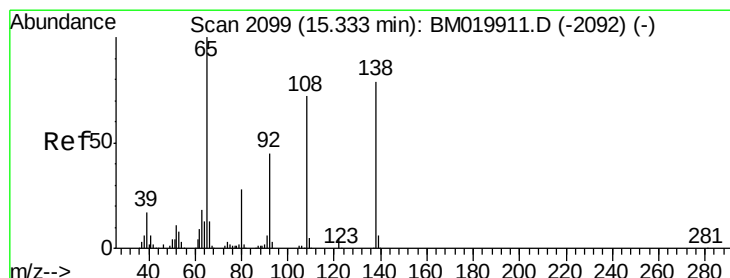
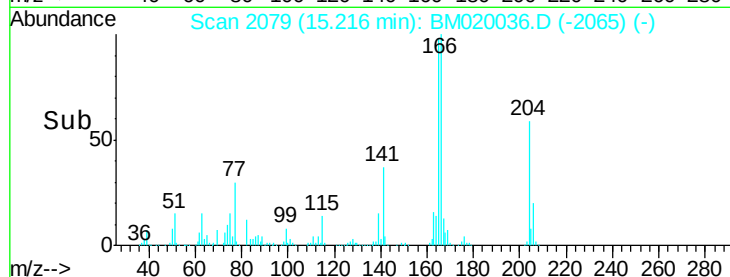
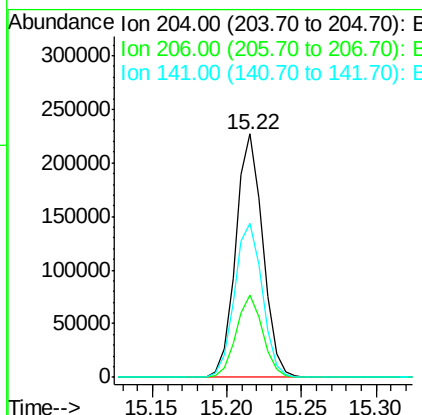
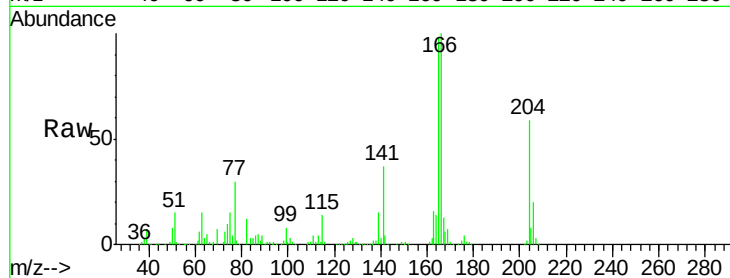




#61
 4-Chlorophenyl-phenylether
 Concen: 38.534 ng
 RT: 15.22 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

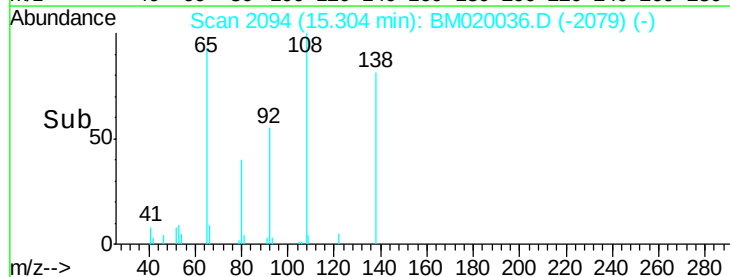
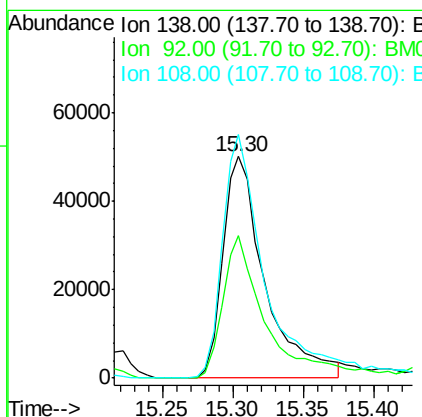
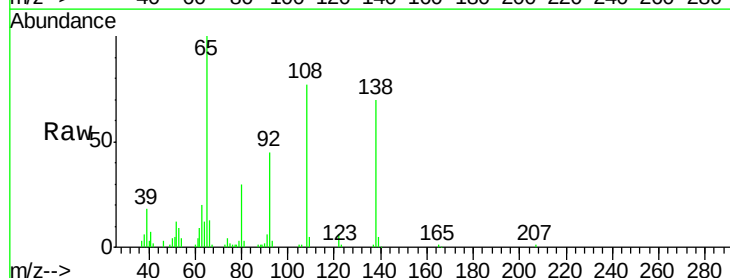
Instrument :
 BNA_M
 ClientSampled :

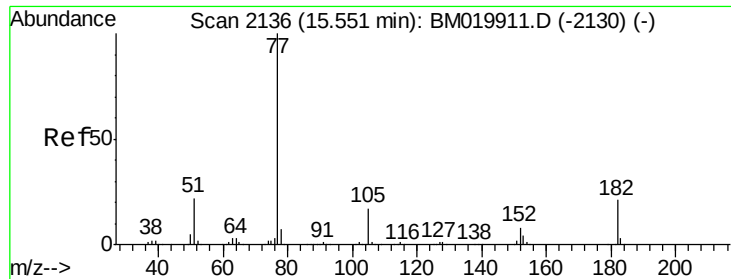
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.8
141	63.2	47.0	70.4



#62
 4-Nitroaniline
 Concen: 30.887 ng
 RT: 15.30 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	64.5	36.8	76.8
108	109.8	71.5	111.5





#63

Azobenzene

Concen: 39.020 ng

RT: 15.51 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 670548

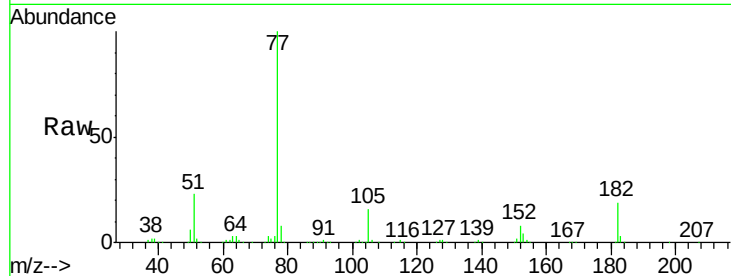
Ion	Ratio	Lower	Upper
77	100		
182	19.4	1.0	41.0
105	16.0	0.0	37.1
51	23.3	2.1	42.1

77 100

182 19.4 1.0 41.0

105 16.0 0.0 37.1

51 23.3 2.1 42.1

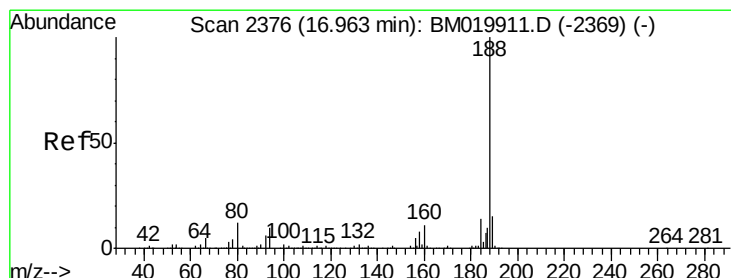
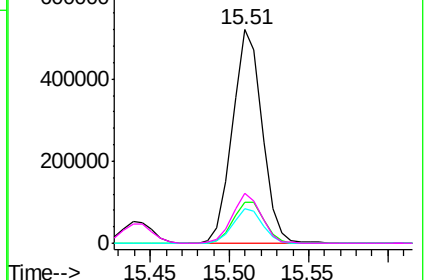
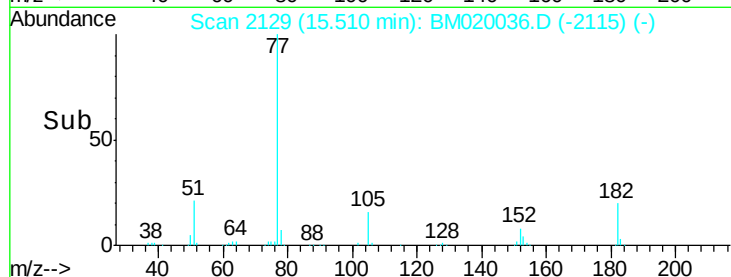


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 16.93 min Scan# 2370

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

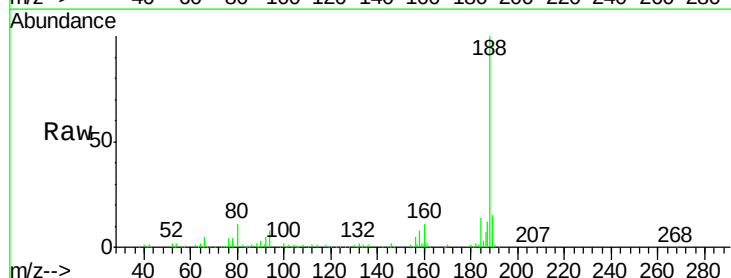
Tgt Ion: 188 Resp: 369963

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.6	11.4
80	10.7	9.4	14.0

188 100

94 8.2 7.6 11.4

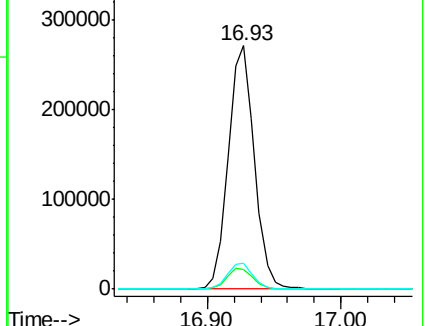
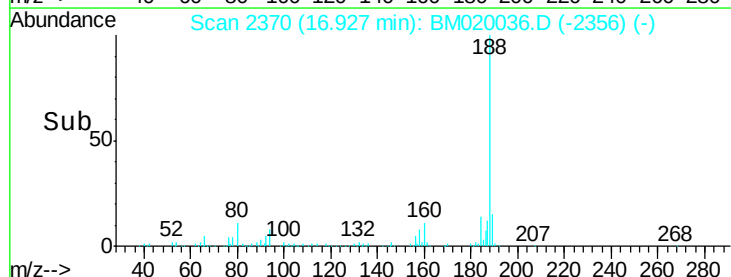
80 10.7 9.4 14.0

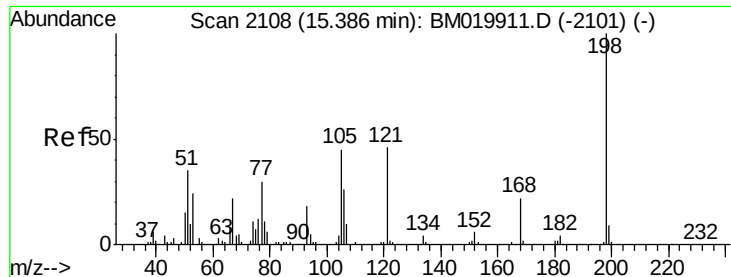


Abundance Ion 188.00 (187.70 to 188.70): E

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: 31.707 ng

RT: 15.36 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

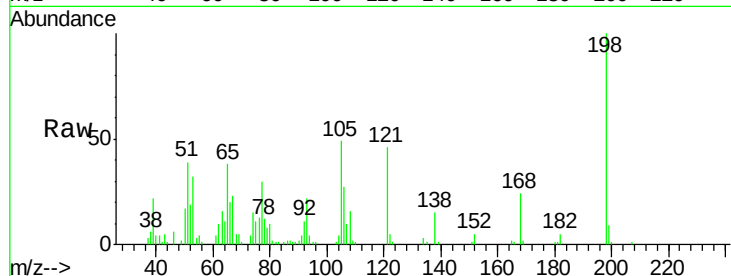
Tot Ion:198 Resp: 74843

Ion	Ratio	Lower	Upper
198	100		
51	38.7	17.9	57.9
105	48.5	26.1	66.1

198 100

51 38.7 17.9 57.9

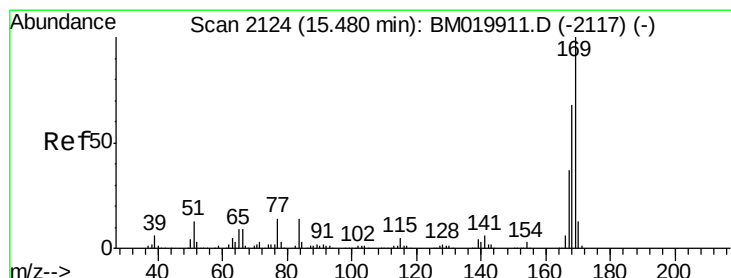
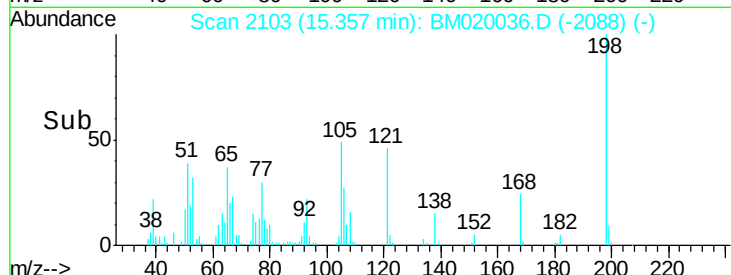
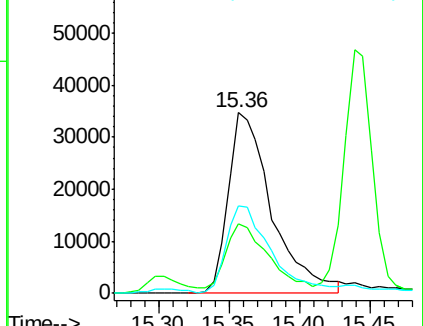
105 48.5 26.1 66.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.975 ng

RT: 15.44 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

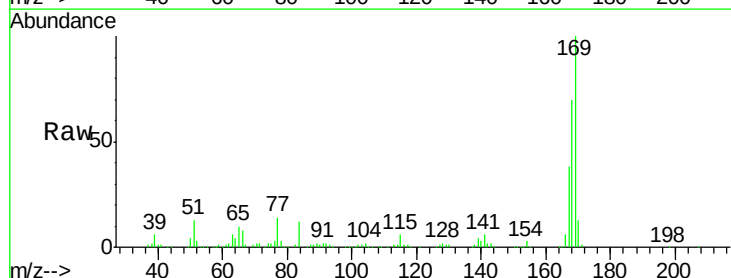
Tgt Ion:169 Resp: 483497

Ion	Ratio	Lower	Upper
169	100		
168	69.9	54.7	82.1
167	37.9	29.4	44.0

169 100

168 69.9 54.7 82.1

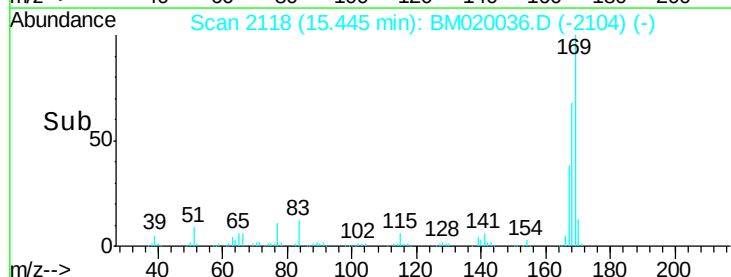
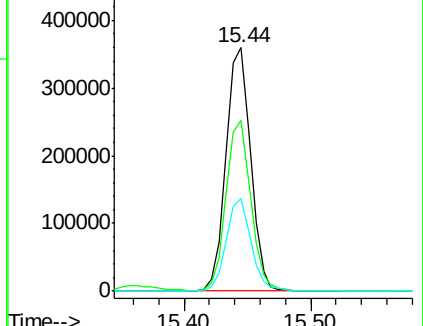
167 37.9 29.4 44.0

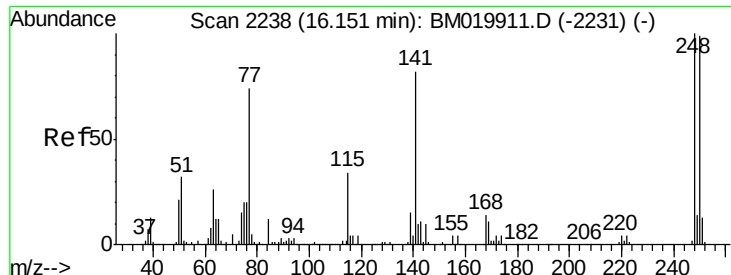


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

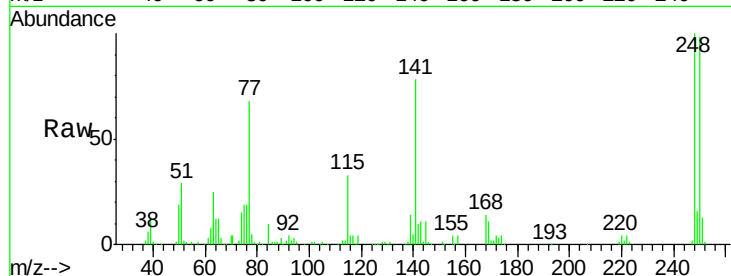




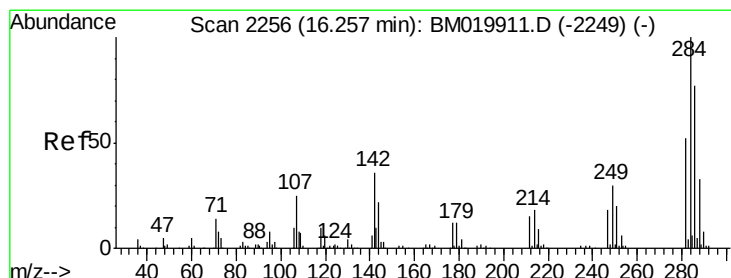
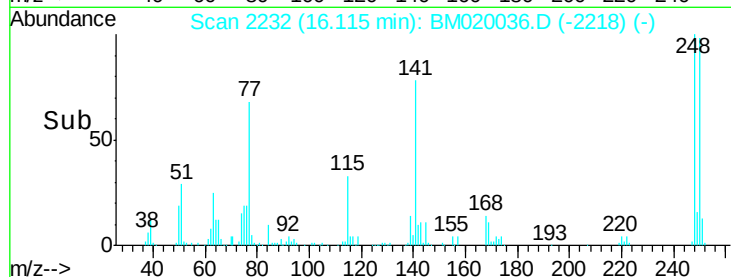
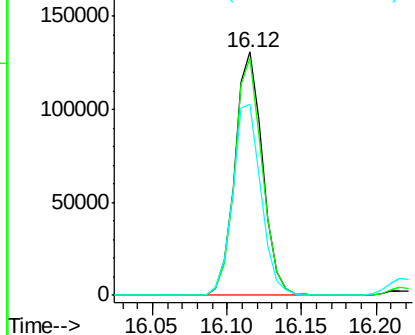
#67
4-Bromophenyl-phenylether
Concen: 39.742 ng
RT: 16.12 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 169043
Ion Ratio Lower Upper
248 100
250 97.6 78.9 118.3
141 78.3 65.6 98.4

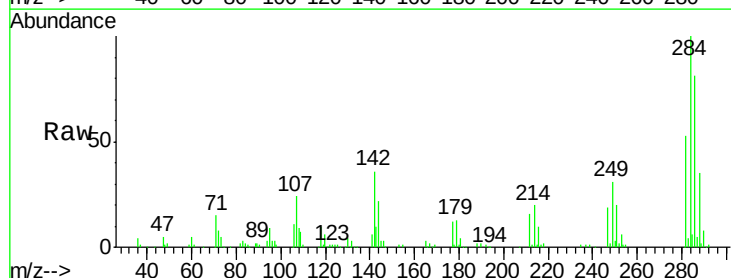


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

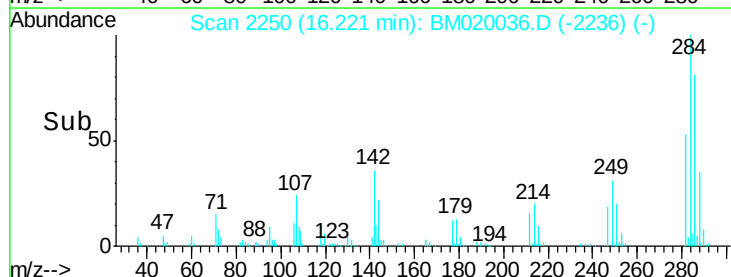
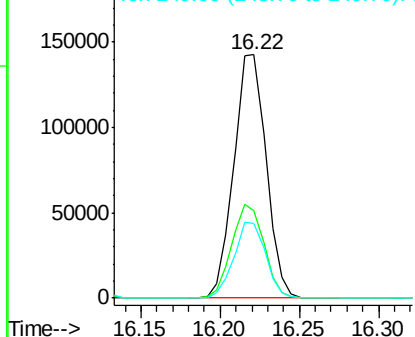


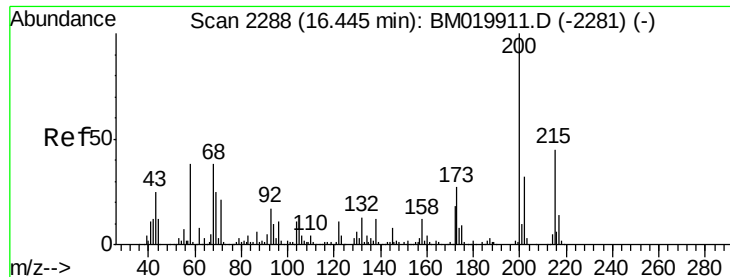
#68
Hexachlorobenzene
Concen: 39.562 ng
RT: 16.22 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion:284 Resp: 201915
Ion Ratio Lower Upper
284 100
142 35.9 28.9 43.3
249 30.9 23.8 35.6



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: 38.913 ng

RT: 16.41 min Scan# 2282

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

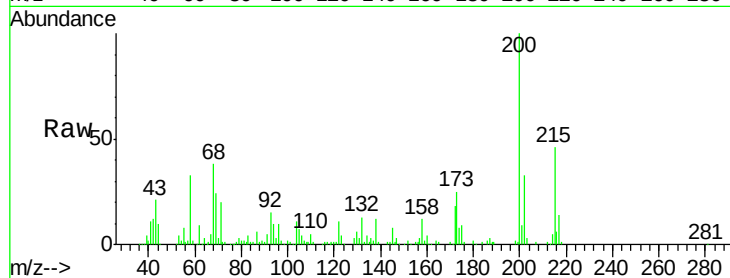
Tot Ion:200 Resp: 159776

Ion Ratio Lower Upper

200 100

173 25.4 7.2 47.2

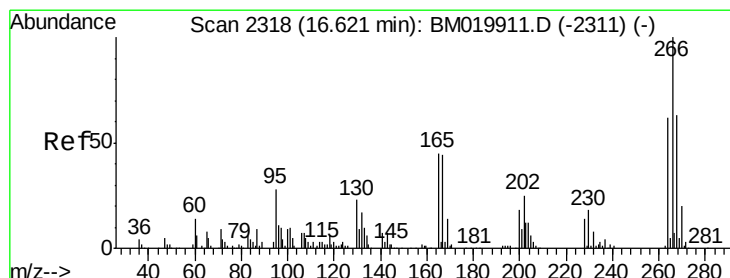
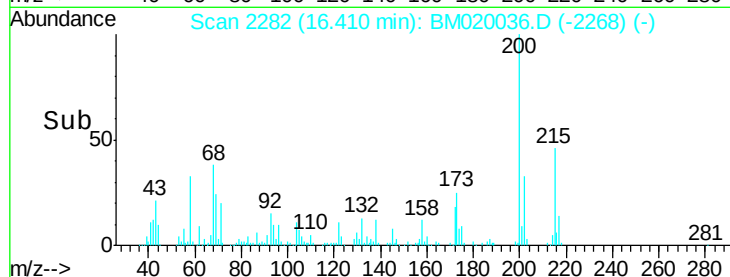
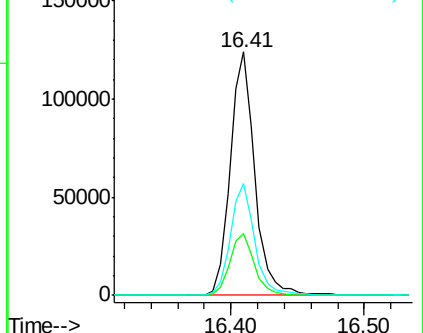
215 45.7 25.4 65.4



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: 75.803 ng

RT: 16.59 min Scan# 2312

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

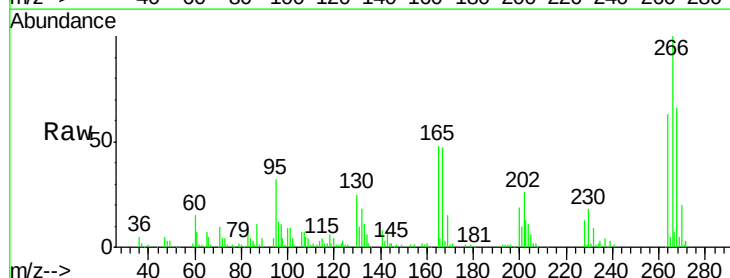
Tgt Ion:266 Resp: 197673

Ion Ratio Lower Upper

266 100

268 66.1 50.3 75.5

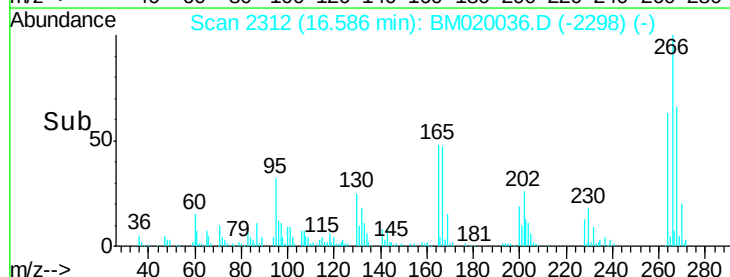
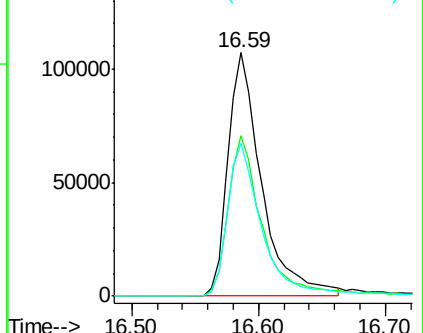
264 63.0 49.8 74.8

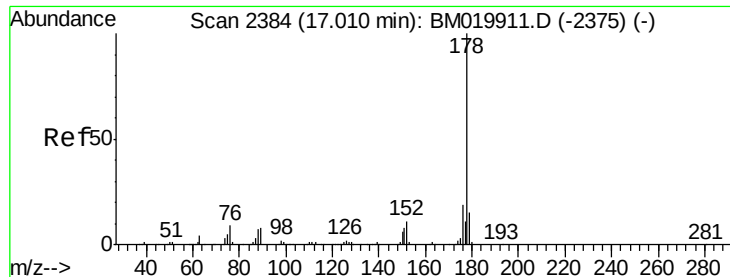


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

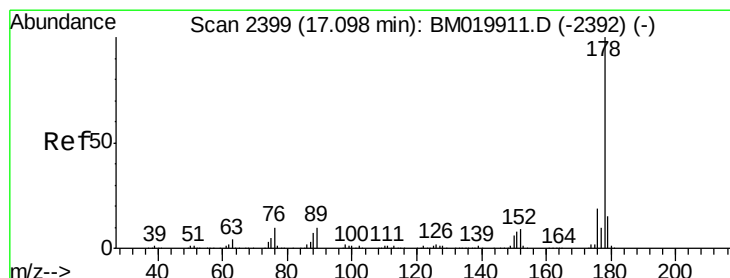
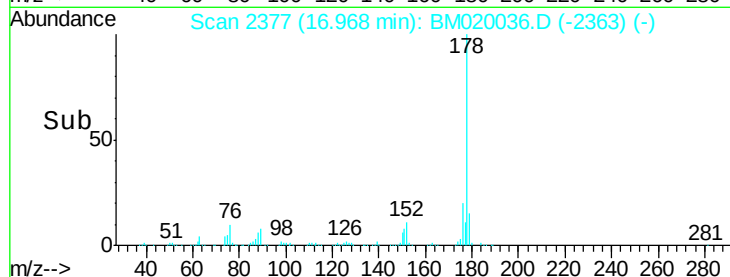
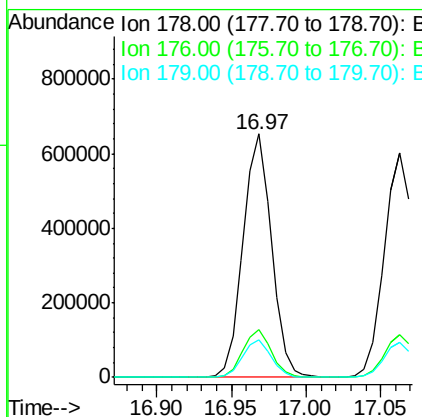
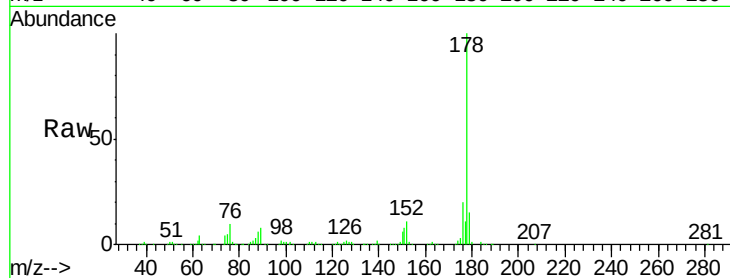




#71
Phenanthrene
Concen: 39.383 ng
RT: 16.97 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

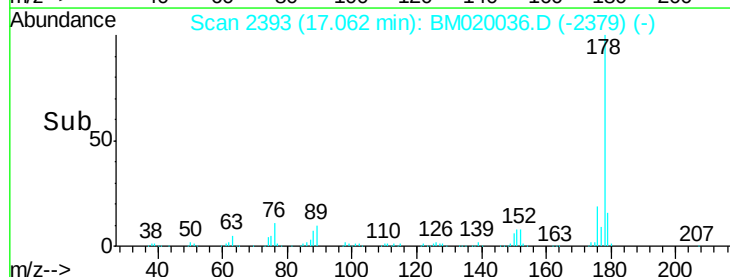
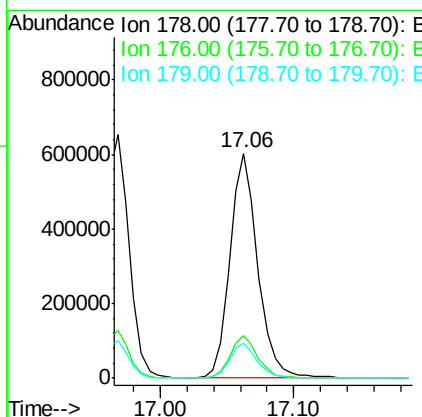
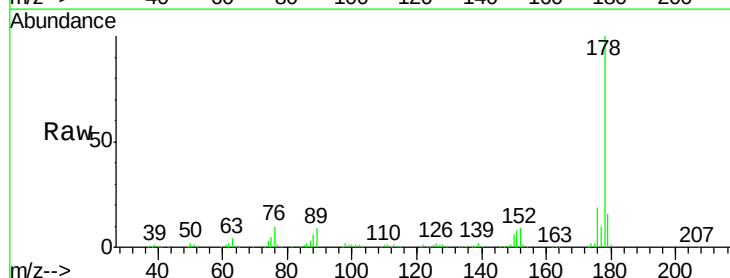
Instrument :
BNA_M
ClientSampleId :

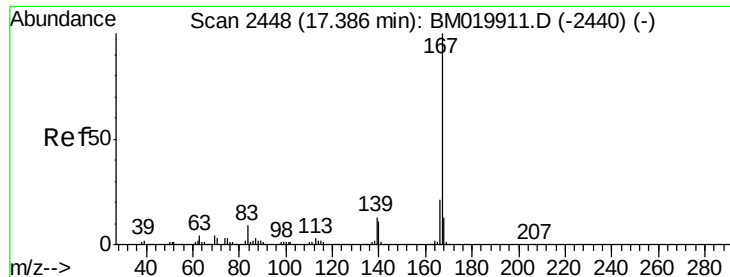
Tot Ion:178 Resp: 864650
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.3 12.2 18.4



#72
Anthracene
Concen: 39.618 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion:178 Resp: 865836
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.5 12.2 18.4

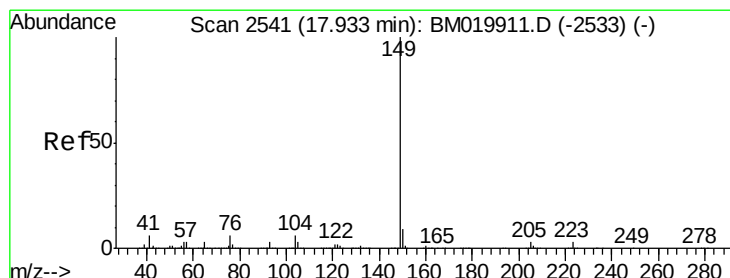
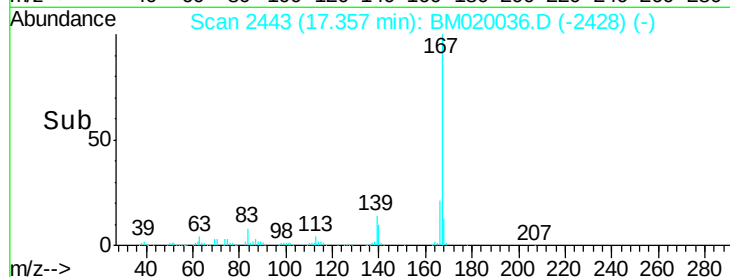
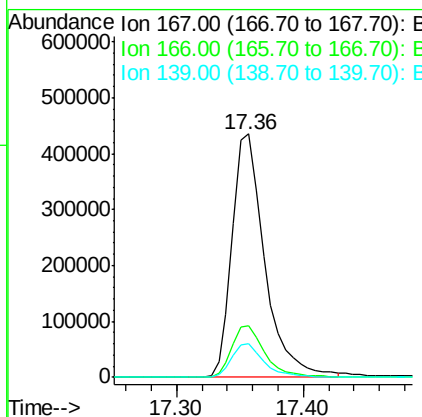
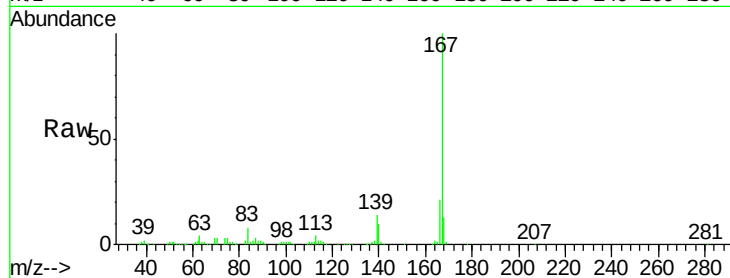




#73
 Carbazole
 Concen: 38.073 ng
 RT: 17.36 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

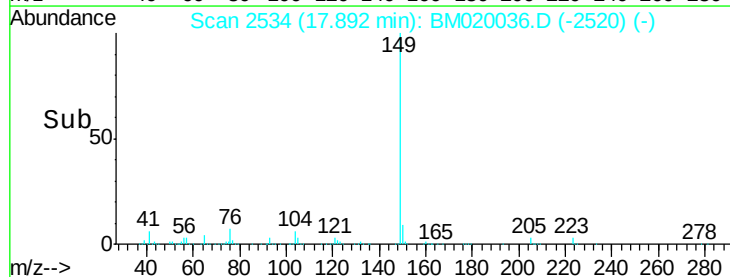
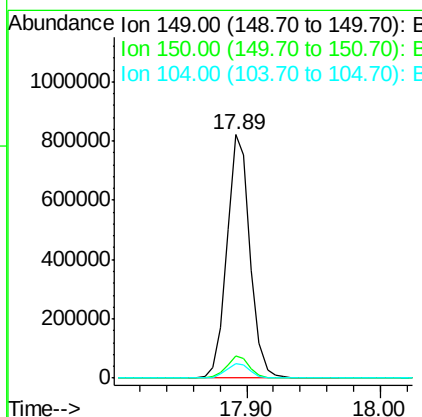
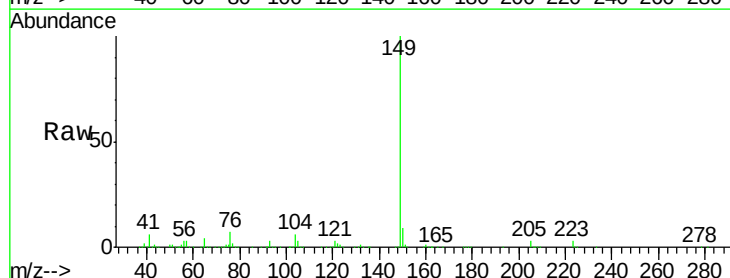
Instrument :
 BNA_M
 ClientSampled :

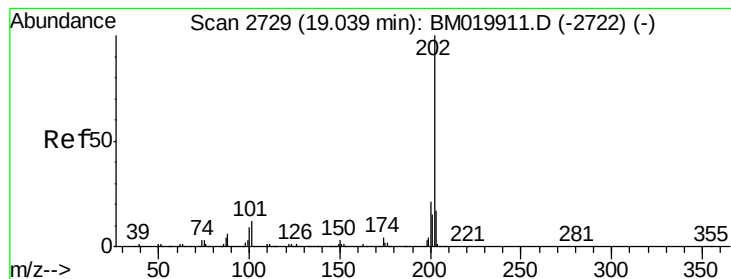
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	13.6	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 37.134 ng
 RT: 17.89 min Scan# 2534
 Delta R.T. -0.02 min
 Lab File: BM020036.D
 Acq: 23 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.2	10.8
104	6.2	4.6	7.0





#75

Fluoranthene

Concen: 39.974 ng

RT: 19.00 min Scan# 2723

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampled :

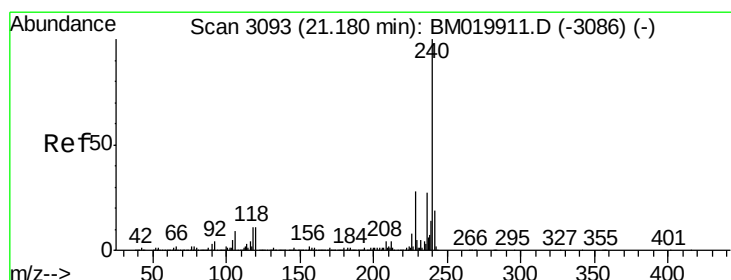
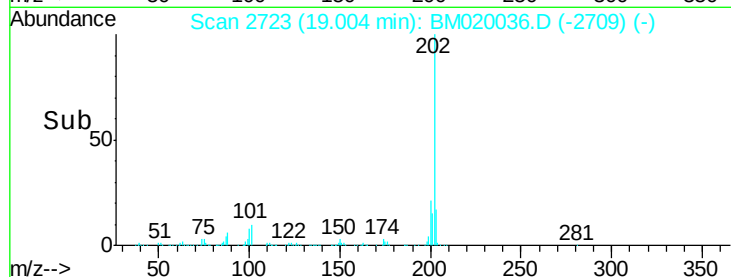
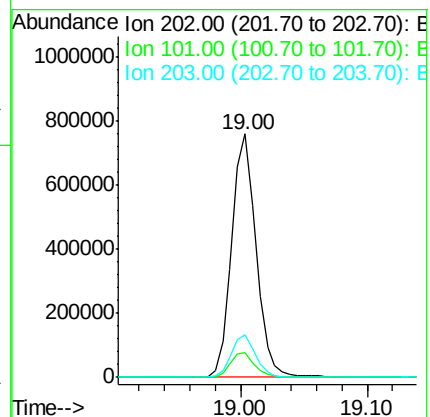
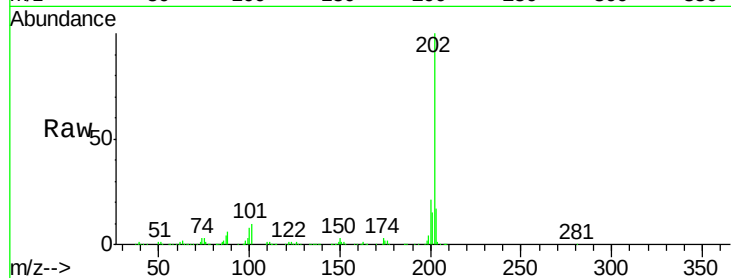
Tot Ion:202 Resp: 1009969

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.7

203 17.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

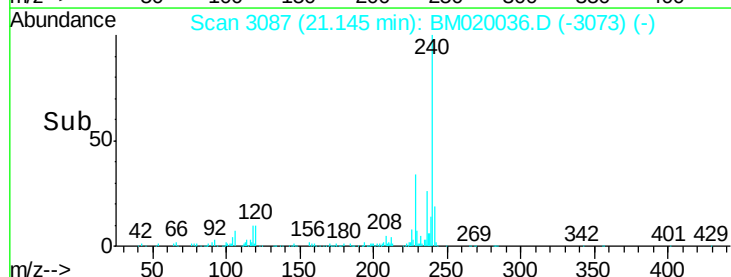
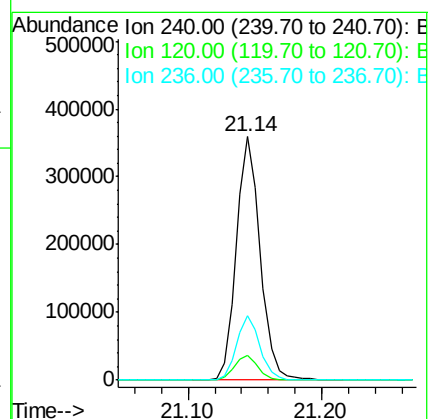
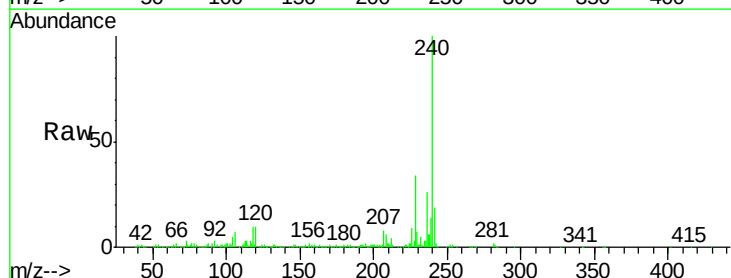
Tgt Ion:240 Resp: 448776

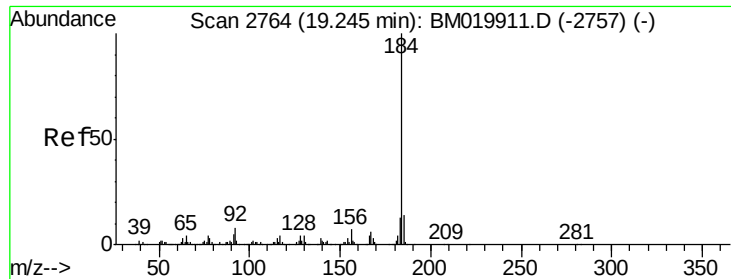
Ion Ratio Lower Upper

240 100

120 10.1 8.6 13.0

236 26.5 21.4 32.2





#77

Benzidine

Concen: 35.530 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

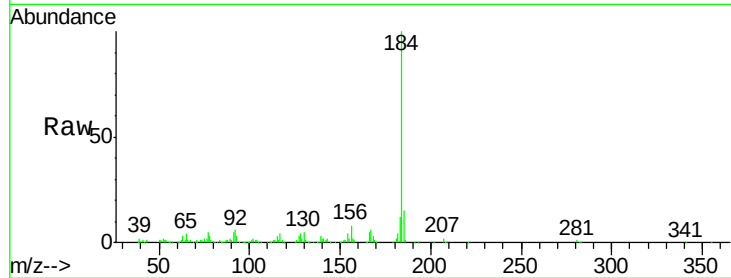
Tot Ion:184 Resp: 439948

Ion Ratio Lower Upper

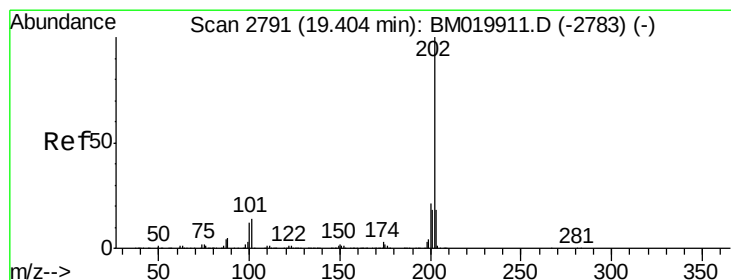
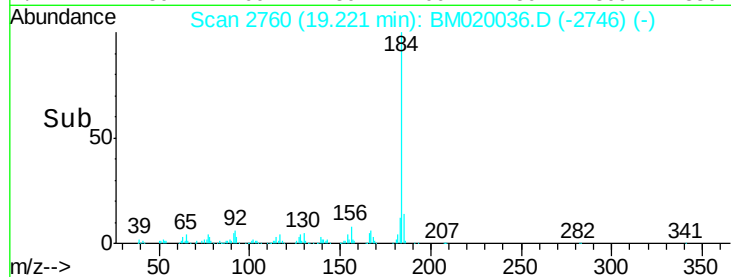
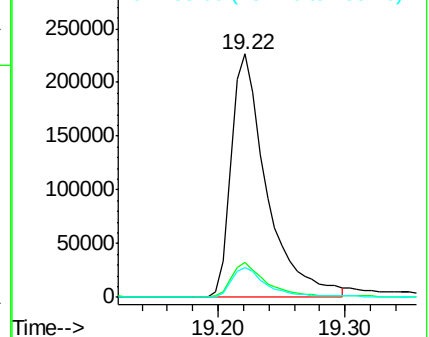
184 100

185 14.5 11.0 16.6

183 12.2 10.1 15.1



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: 35.114 ng

RT: 19.37 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

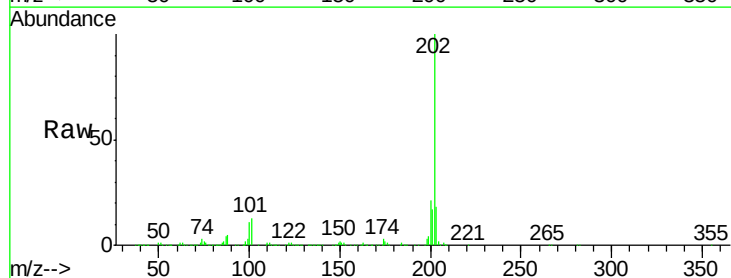
Tgt Ion:202 Resp: 1043568

Ion Ratio Lower Upper

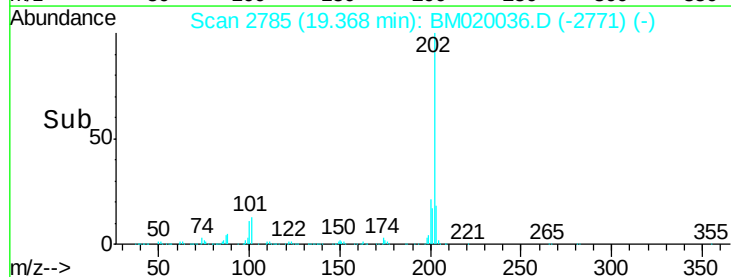
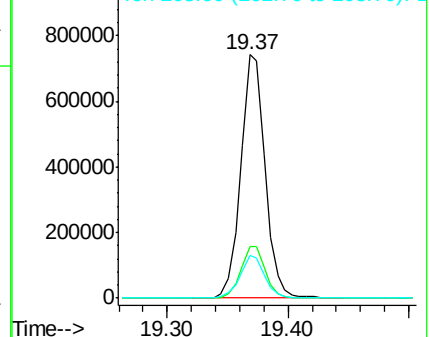
202 100

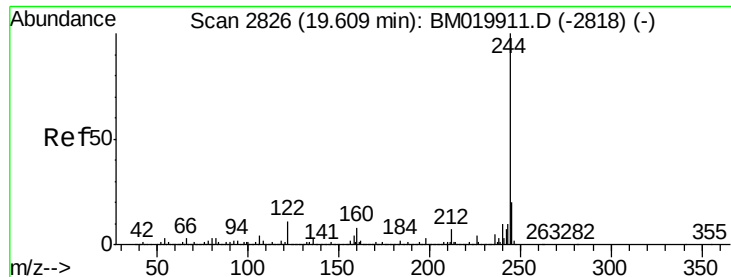
200 21.5 17.0 25.4

203 17.5 14.0 21.0



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: 75.602 ng

RT: 19.57 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

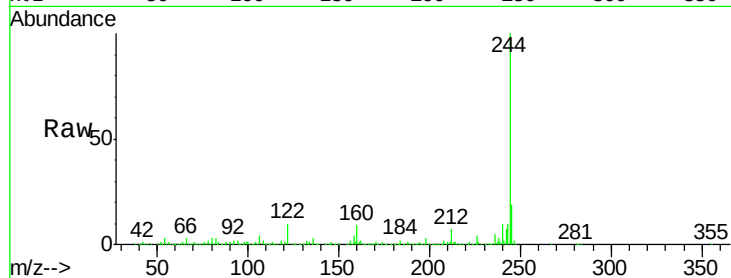
Tot Ion:244 Resp: 1923562

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

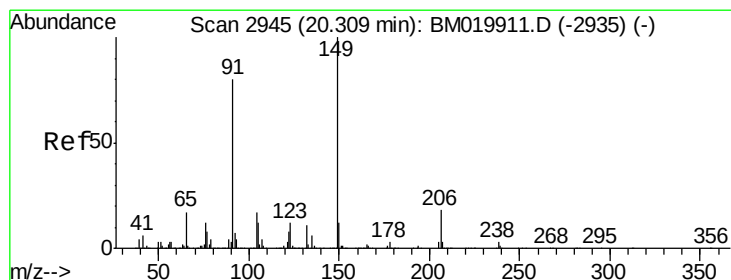
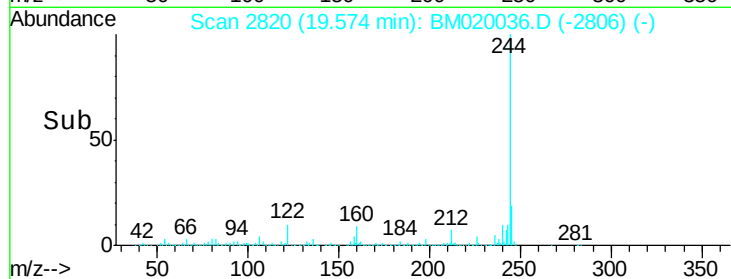
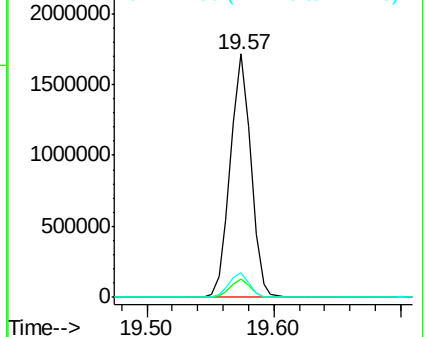
122 10.1 9.1 13.7



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: 34.754 ng

RT: 20.27 min Scan# 2939

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

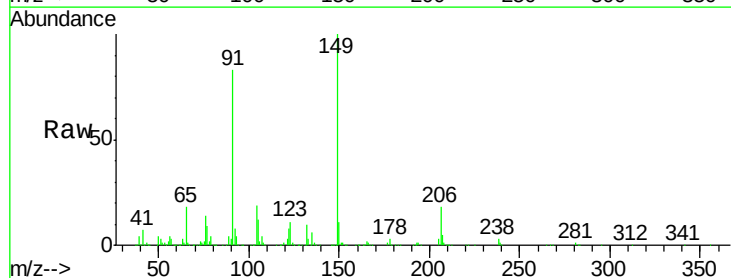
Tgt Ion:149 Resp: 500744

Ion Ratio Lower Upper

149 100

91 83.3 63.7 95.5

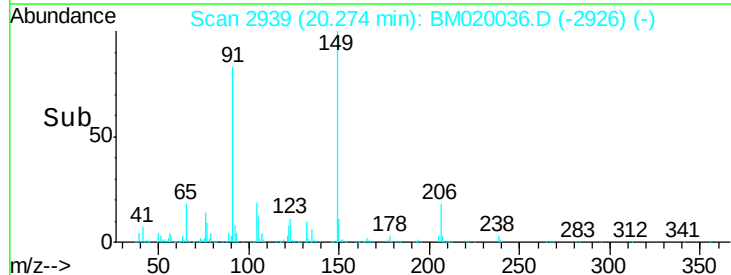
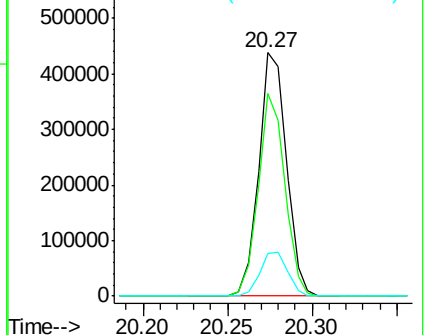
206 17.8 14.6 21.8

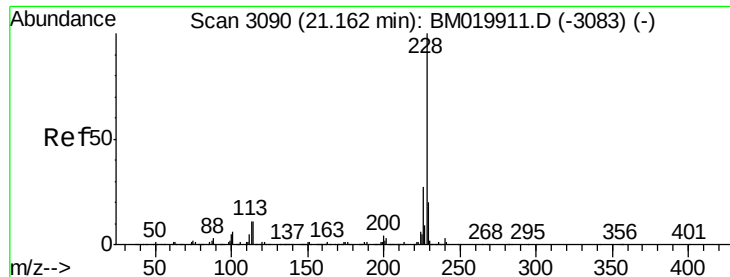


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

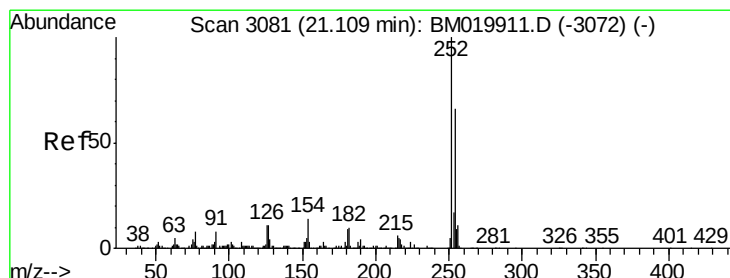
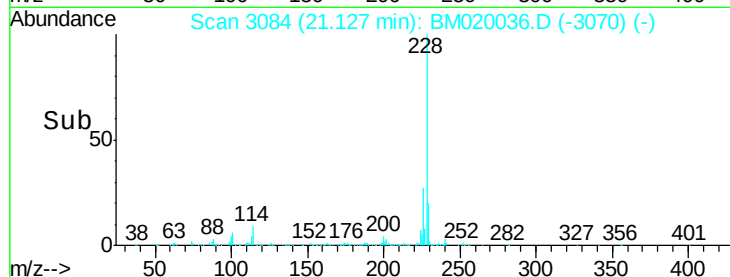
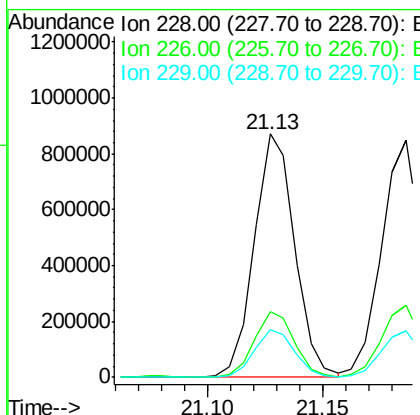
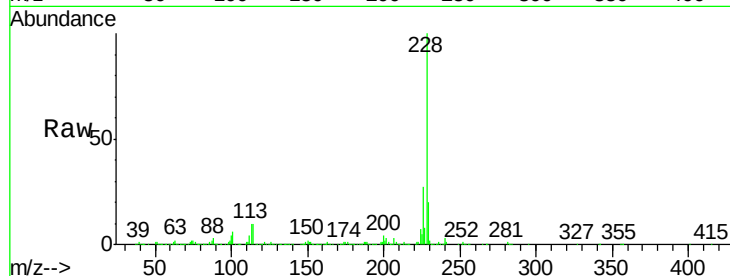




#81
Benzo(a)anthracene
Concen: 37.286 ng
RT: 21.13 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

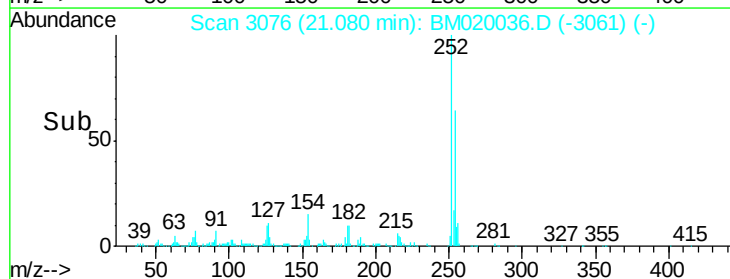
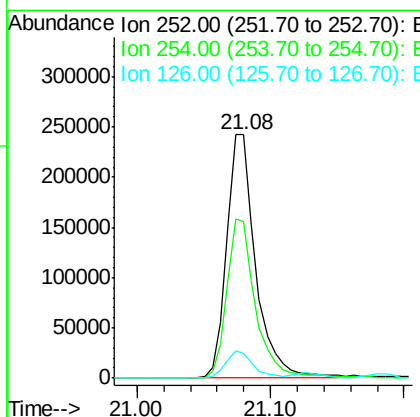
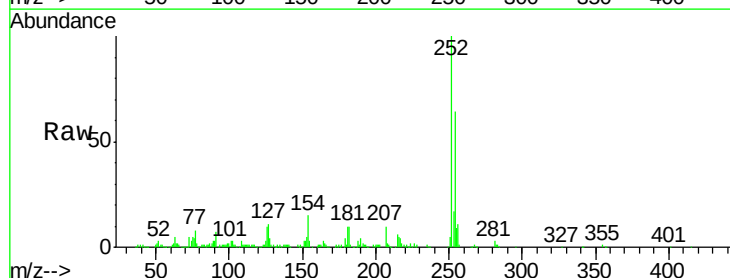
Instrument :
BNA_M
ClientSampled :

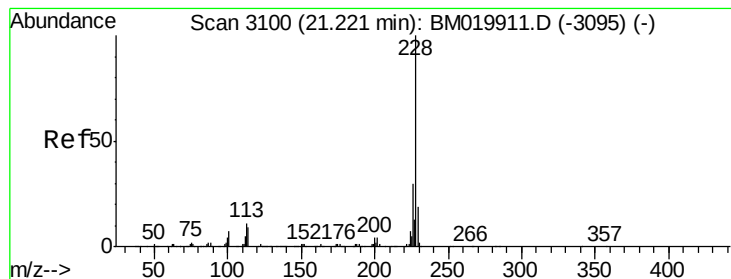
Tot Ion:228 Resp: 1059998
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.6
229 19.6 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 35.022 ng
RT: 21.08 min Scan# 3076
Delta R.T. -0.01 min
Lab File: BM020036.D
Acq: 23 Apr 2019 14:51

Tgt Ion:252 Resp: 370434
Ion Ratio Lower Upper
252 100
254 64.1 52.6 78.8
126 9.9 8.6 12.8





#83

Chrysene

Concen: 38.681 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

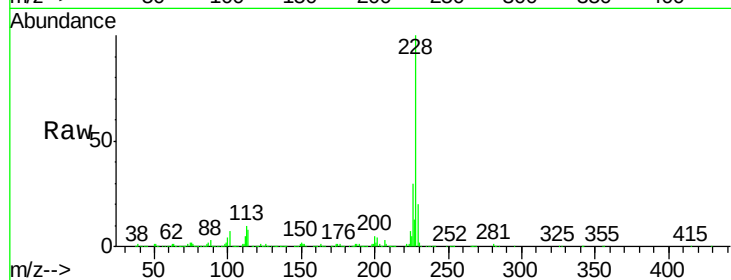
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1054577

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.7	35.5
229	19.5	15.6	23.4

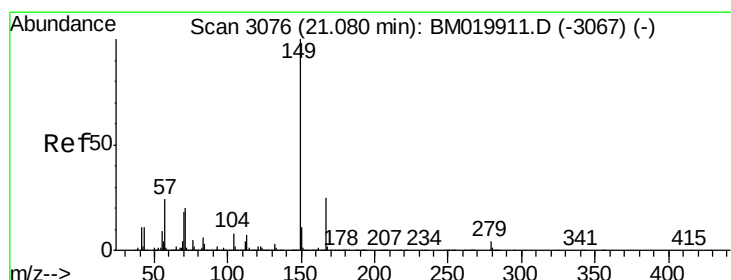
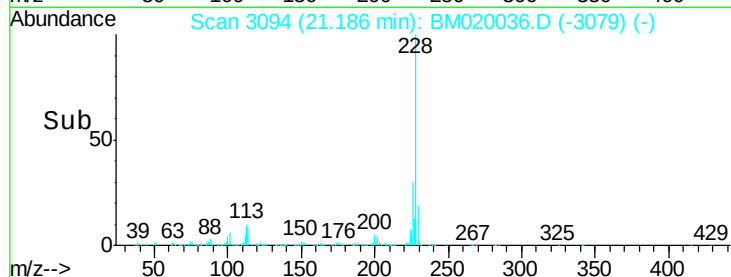
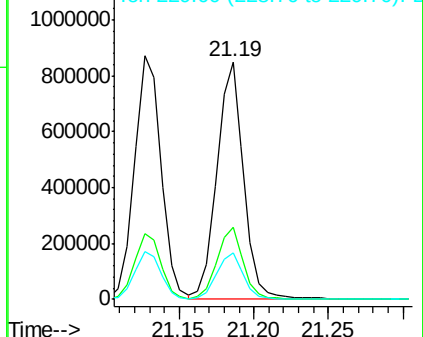


Abundance

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: 34.333 ng

RT: 21.04 min Scan# 3070

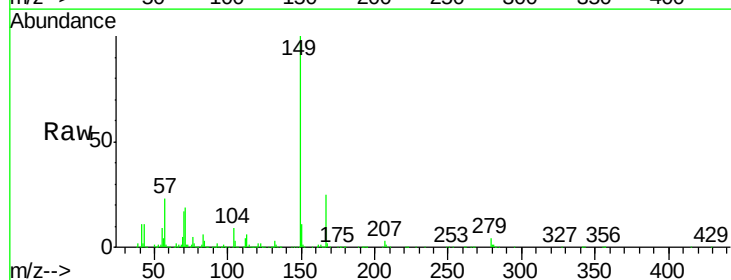
Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Tgt Ion:149 Resp: 736459

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.3	30.5
279	4.4	3.4	5.2

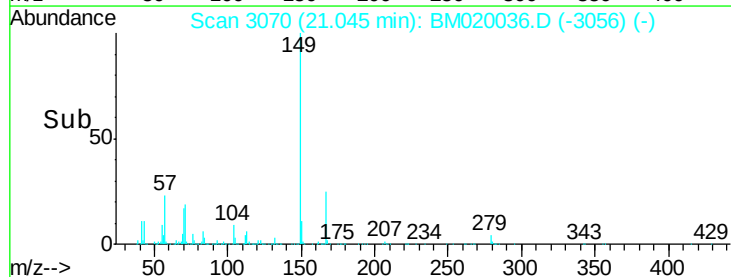
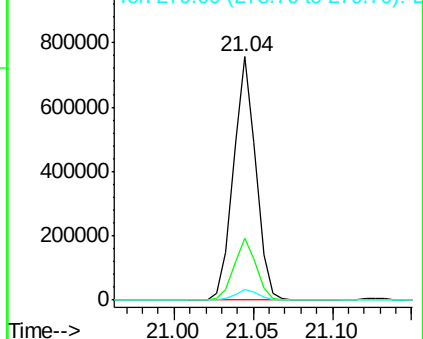


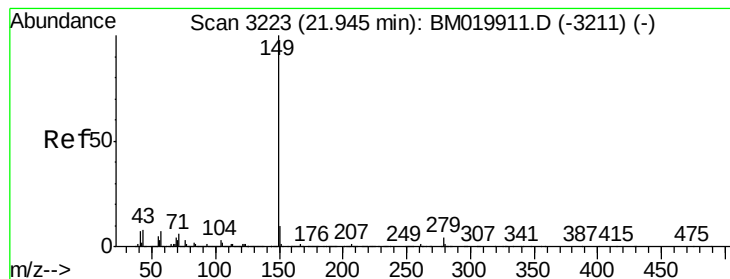
Abundance

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: 39.332 ng

RT: 21.91 min Scan# 3217

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

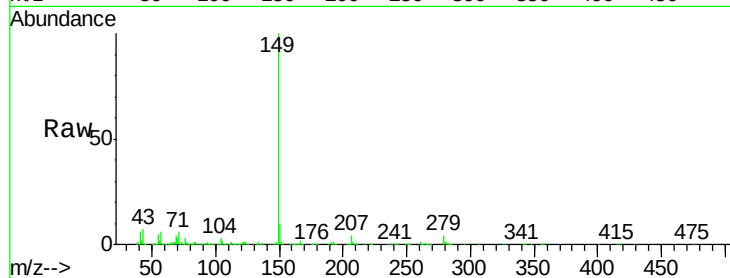
Tot Ion:149 Resp: 1368986

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

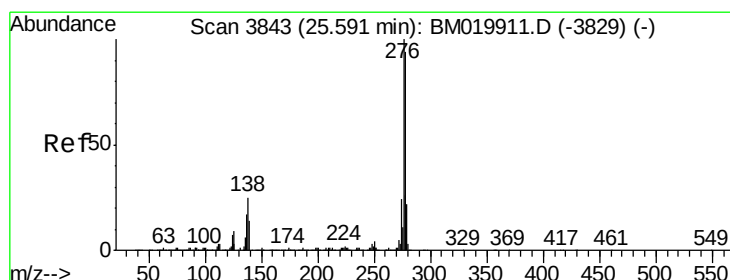
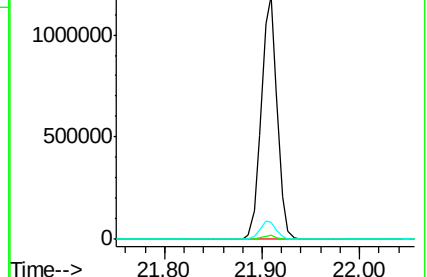
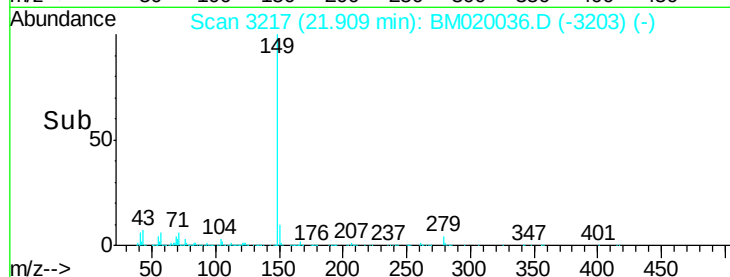
43 7.6 6.0 9.0



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: 66.617 ng

RT: 25.51 min Scan# 3829

Delta R.T. -0.04 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

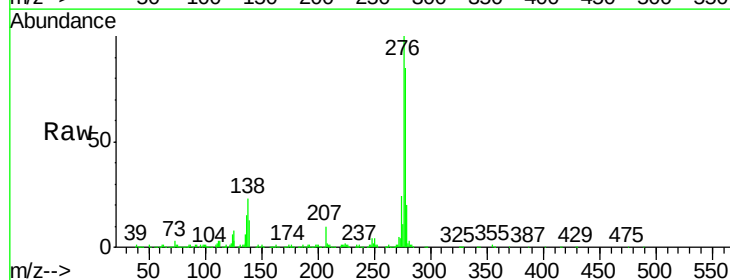
Tgt Ion:276 Resp: 1786662

Ion Ratio Lower Upper

276 100

138 22.3 19.0 28.6

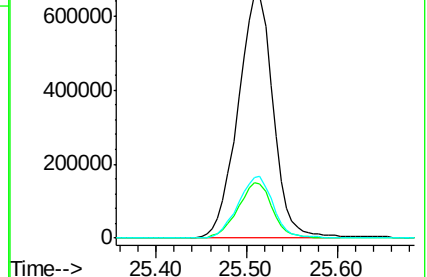
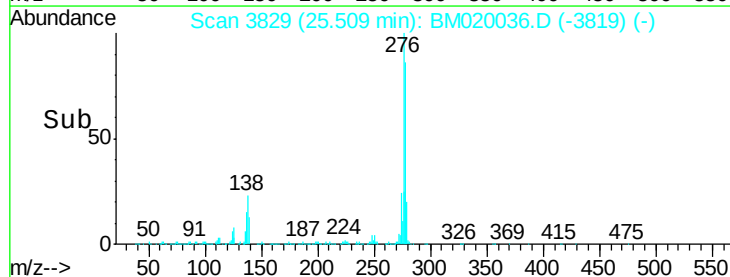
277 25.2 20.3 30.5

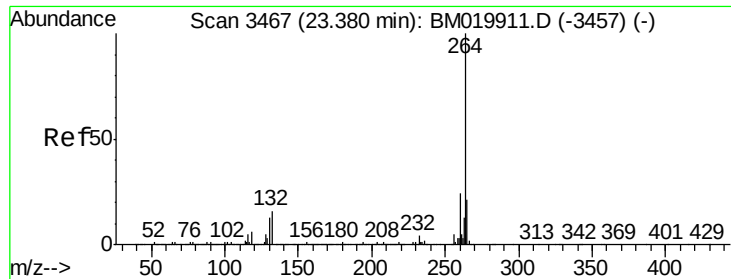


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.33 min Scan# 3458

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampled :

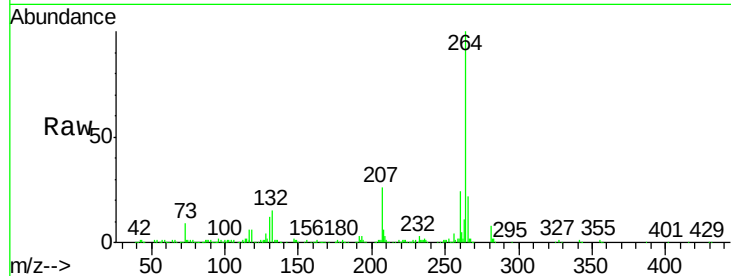
Tot Ion:264 Resp: 469009

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

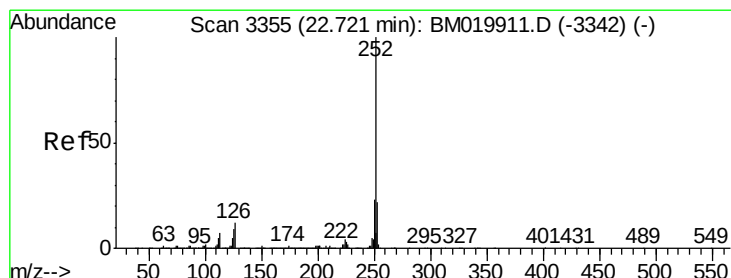
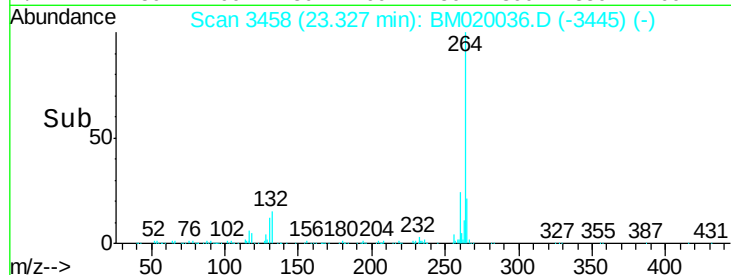
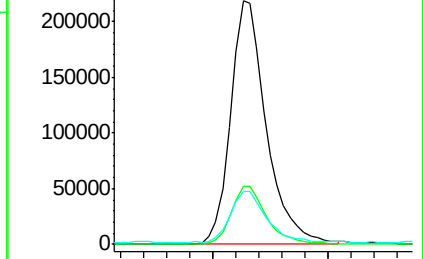
265 21.7 17.2 25.8



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: 41.666 ng

RT: 22.67 min Scan# 3347

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

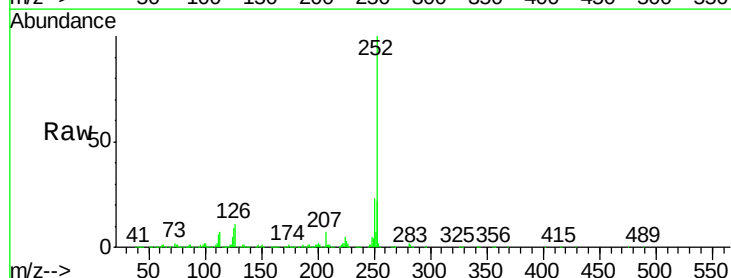
Tgt Ion:252 Resp: 1297610

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

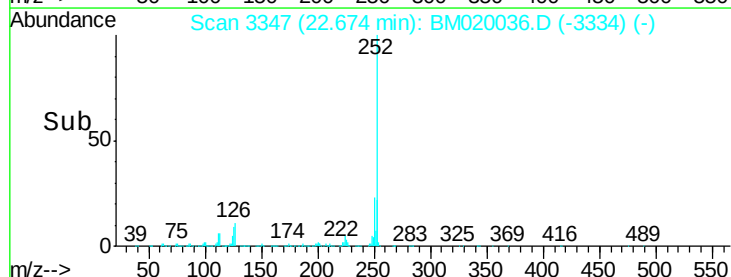
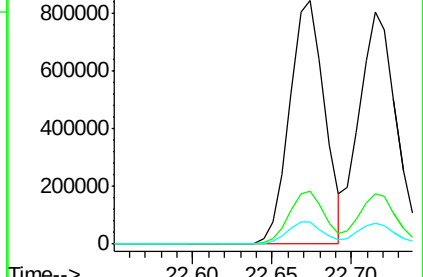
125 9.2 7.6 11.4

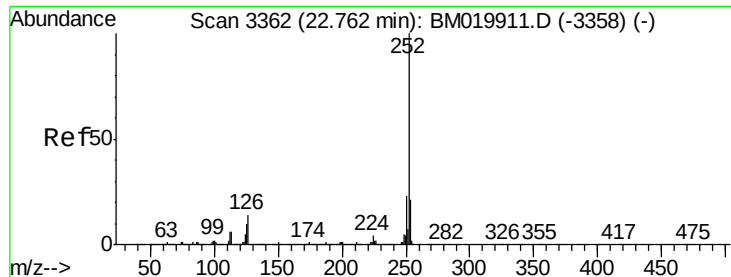


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.628 ng

RT: 22.72 min Scan# 3354

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

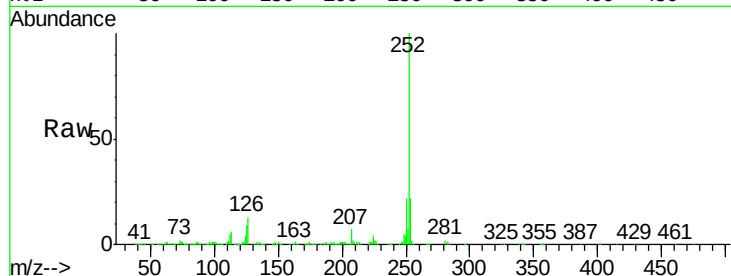
Tot Ion:252 Resp: 1308439

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

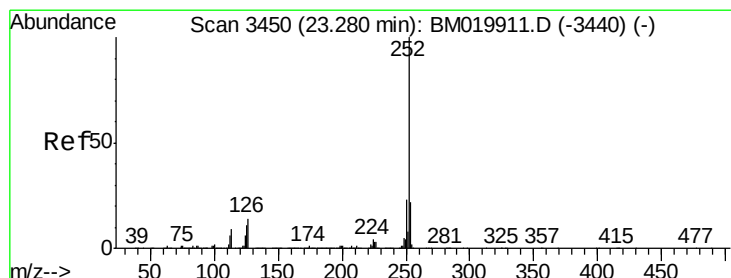
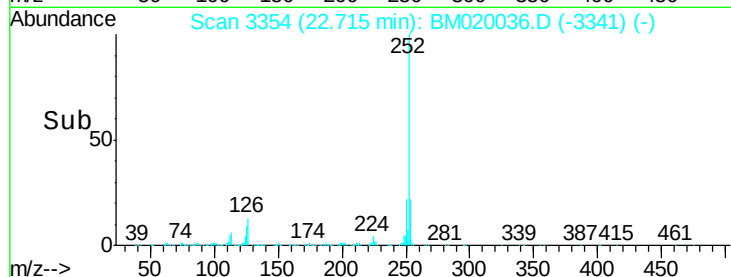
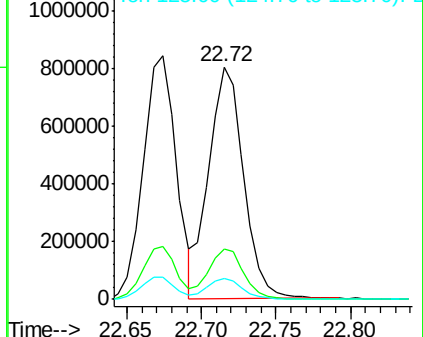
125 9.1 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.590 ng

RT: 23.23 min Scan# 3442

Delta R.T. -0.02 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

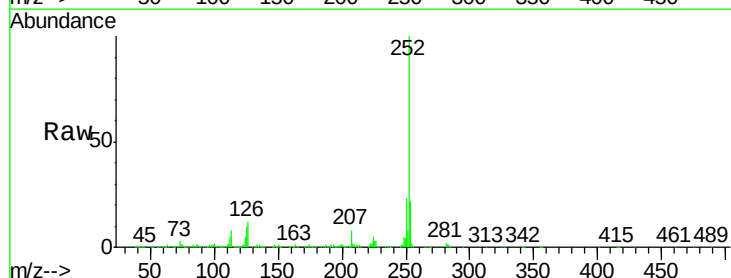
Tgt Ion:252 Resp: 1285627

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

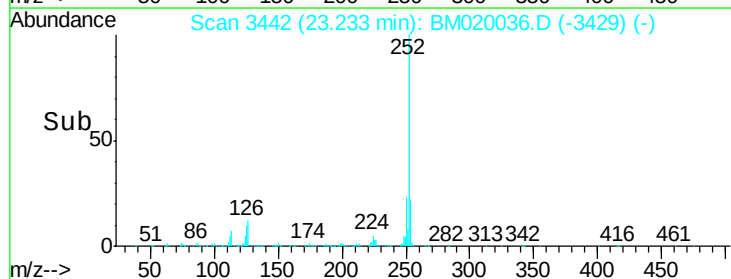
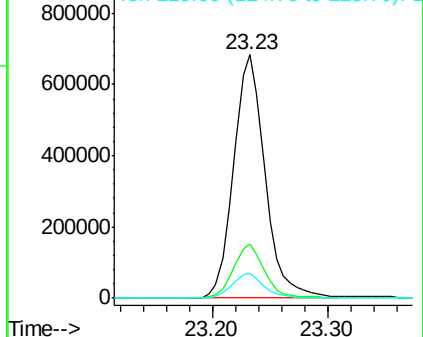
125 10.1 9.1 13.7

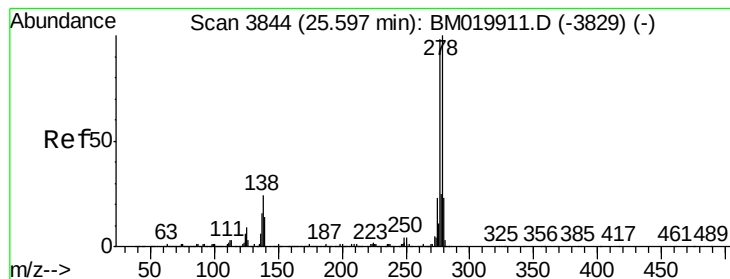


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 56.932 ng

RT: 25.51 min Scan# 3830

Delta R.T. -0.04 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

Instrument :

BNA_M

ClientSampleId :

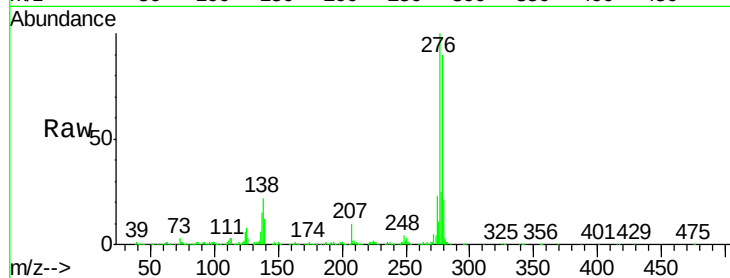
Tot Ion:278 Resp: 1514643

Ion Ratio Lower Upper

278 100

139 13.8 11.6 17.4

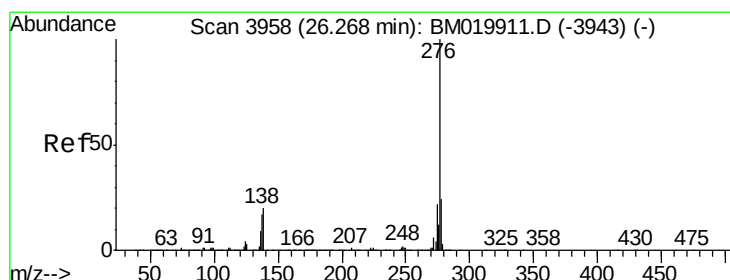
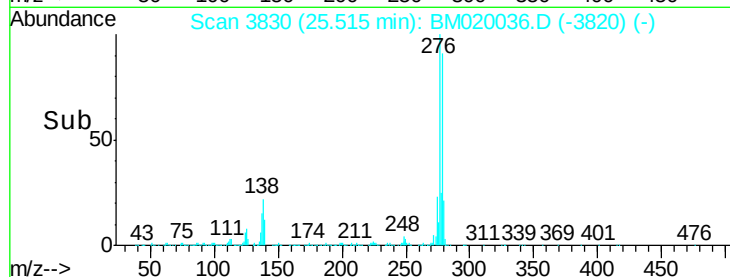
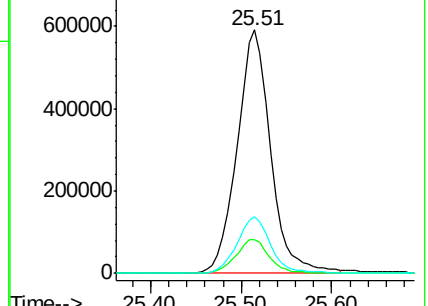
279 23.5 18.4 27.6



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: 58.749 ng

RT: 26.18 min Scan# 3943

Delta R.T. -0.05 min

Lab File: BM020036.D

Acq: 23 Apr 2019 14:51

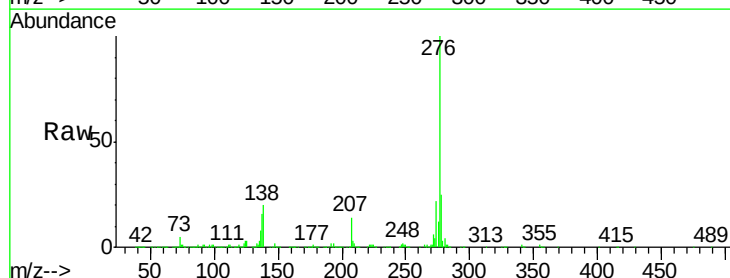
Tgt Ion:276 Resp: 1415670

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 19.9 16.2 24.4



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

