

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020054.D
 Acq On : 24 Apr 2019 03:02
 Operator : JU/SJ
 Sample : PB119150BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 08:03:58 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	108730	20.00	ng	-0.02
21) Naphthalene-d8	10.26	136	415188	20.00	ng	-0.02
39) Acenaphthene-d10	14.16	164	220411	20.00	ng	-0.02
64) Phenanthrene-d10	16.93	188	454725	20.00	ng	-0.02
76) Chrysene-d12	21.14	240	548022	20.00	ng	-0.02
87) Perylene-d12	23.33	264	550497	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	927807	138.29	ng	-0.02
7) Phenol-d6	6.69	99	1195369	118.39	ng	-0.02
23) Nitrobenzene-d5	8.66	82	829164	89.31	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	441859	124.54	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1598056	90.36	ng	-0.02
79) Terphenyl-d14	19.57	244	2444607	78.68	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	114998	39.721	ng	96
3) Pyridine	3.48	79	237177	29.252	ng	98
4) n-Nitrosodimethylamine	3.40	42	107677	41.225	ng	# 92
6) Aniline	6.85	93	353169	27.081	ng	99
8) 2-Chlorophenol	7.06	128	310960	37.266	ng	99
9) Benzaldehyde	6.67	77	97670	13.785	ng	97
10) Phenol	6.72	94	400615	36.315	ng	93
11) bis(2-Chloroethyl)ether	6.94	93	283299	35.099	ng	100
12) 1,3-Dichlorobenzene	7.37	146	331132	37.800	ng	99
13) 1,4-Dichlorobenzene	7.52	146	341171	38.385	ng	99
14) 1,2-Dichlorobenzene	7.83	146	332476	37.726	ng	100
15) Benzyl Alcohol	7.76	79	305496	33.281	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.02	45	248080	32.242	ng	97
17) 2-Methylphenol	7.95	107	250858	34.358	ng	96
18) Hexachloroethane	8.53	117	132418	38.328	ng	99
19) n-Nitroso-di-n-propylamine	8.30	70	267748	30.167	ng	99
20) 3+4-Methylphenols	8.29	107	326283	32.532	ng	98
22) Acetophenone	8.33	105	467530	41.343	ng	99
24) Nitrobenzene	8.70	77	400372	41.630	ng	98
25) Isophorone	9.22	82	653099	36.138	ng	99
26) 2-Nitrophenol	9.41	139	152760	37.273	ng	96
27) 2,4-Dimethylphenol	9.47	122	255649	44.116	ng	98
28) bis(2-Chloroethoxy)methane	9.70	93	369566	36.519	ng	98
29) 2,4-Dichlorophenol	9.95	162	255578	38.833	ng	97
30) 1,2,4-Trichlorobenzene	10.13	180	303871	42.898	ng	99
31) Naphthalene	10.32	128	903854	40.587	ng	100
32) Benzoic acid	9.67	122	142675	28.448	ng	96
33) 4-Chloroaniline	10.47	127	241835	26.360	ng	99
34) Hexachlorobutadiene	10.56	225	182849	43.767	ng	97
35) Caprolactam	11.29	113	34412	13.813	ng	96
36) 4-Chloro-3-methylphenol	11.60	107	281629	34.439	ng	97
37) 2-Methylnaphthalene	11.94	142	627586	38.709	ng	97
38) 1-Methylnaphthalene	12.16	142	595949	37.228	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	302713	44.520	ng	99

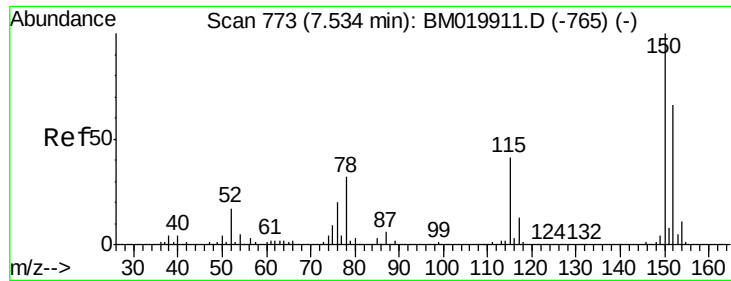
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020054.D
 Acq On : 24 Apr 2019 03:02
 Operator : JU/SJ
 Sample : PB119150BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 08:03:58 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)
41) Hexachlorocyclopentadiene	12.26	237	194505	80.681	ng	98
43) 2,4,6-Trichlorophenol	12.59	196	196220	42.565	ng	98
44) 2,4,5-Trichlorophenol	12.67	196	196596	40.975	ng	96
46) 1,1'-Biphenyl	12.97	154	787733	41.263	ng	100
47) 2-Chloronaphthalene	13.02	162	613635	42.140	ng	99
48) 2-Nitroaniline	13.27	65	201965	38.478	ng	98
49) Acenaphthylene	13.88	152	963892	38.044	ng	99
50) Dimethylphthalate	13.63	163	756617	38.917	ng	100
51) 2,6-Dinitrotoluene	13.77	165	161320	37.524	ng	87
52) Acenaphthene	14.22	154	560138	39.873	ng	97
53) 3-Nitroaniline	14.12	138	113349	26.405	ng	95
54) 2,4-Dinitrophenol	14.35	184	158829	63.563	ng	93
55) Dibenzofuran	14.56	168	895029	38.962	ng	97
56) 4-Nitrophenol	14.45	139	198318	60.120	ng	90
57) 2,4-Dinitrotoluene	14.58	165	222381	35.986	ng	94
58) Fluorene	15.22	166	733791	37.698	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.80	232	176305	40.272	ng	99
60) Diethylphthalate	15.00	149	772862	38.222	ng	100
61) 4-Chlorophenyl-phenylether	15.22	204	367557	39.219	ng	97
62) 4-Nitroaniline	15.30	138	137170	32.432	ng	90
63) Azobenzene	15.51	77	857589	39.683	ng	98
65) 4,6-Dinitro-2-methylphenol	15.36	198	96431	33.237	ng	97
66) n-Nitrosodiphenylamine	15.44	169	613437	41.264	ng	99
67) 4-Bromophenyl-phenylether	16.12	248	211823	40.517	ng	97
68) Hexachlorobenzene	16.22	284	256086	40.823	ng	97
69) Atrazine	16.41	200	203485	40.321	ng	98
70) Pentachlorophenol	16.59	266	244470	76.273	ng	99
71) Phenanthrene	16.97	178	1071772	39.718	ng	99
72) Anthracene	17.06	178	1093048	40.692	ng	100
73) Carbazole	17.35	167	974427	38.854	ng	100
74) Di-n-butylphthalate	17.89	149	1280026	38.864	ng	99
75) Fluoranthene	19.00	202	1254579	40.399	ng	98
77) Benzidine	19.22	184	596627	39.458	ng	99
78) Pyrene	19.37	202	1297557	35.754	ng	100
80) Butylbenzylphthalate	20.27	149	630539	35.837	ng	99
81) Benzo(a)anthracene	21.13	228	1304142	37.566	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	454040	35.153	ng	98
83) Chrysene	21.18	228	1310141	39.352	ng	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	950900	36.302	ng	100
85) Di-n-octyl phthalate	21.90	149	1725408	40.595	ng	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	2108776	64.388	ng	98
88) Benzo(b)fluoranthene	22.67	252	1594755	43.628	ng	99
89) Benzo(k)fluoranthene	22.72	252	1537507	44.678	ng	99
90) Benzo(a)pyrene	23.23	252	1540868	47.574	ng	99
91) Dibenzo(a,h)anthracene	25.51	278	1810909	57.992	ng	99
92) Benzo(g,h,i)perylene	26.18	276	1622723	57.373	ng	98

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

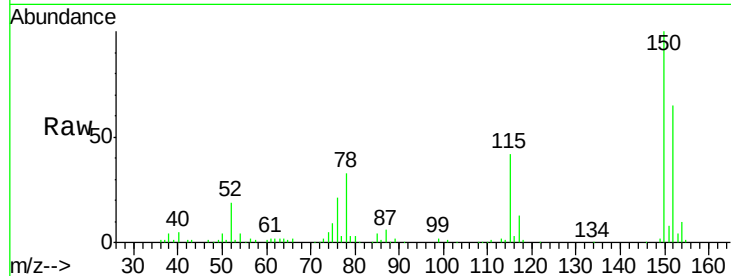


#1

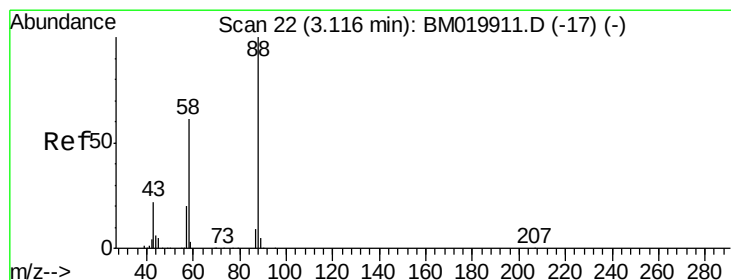
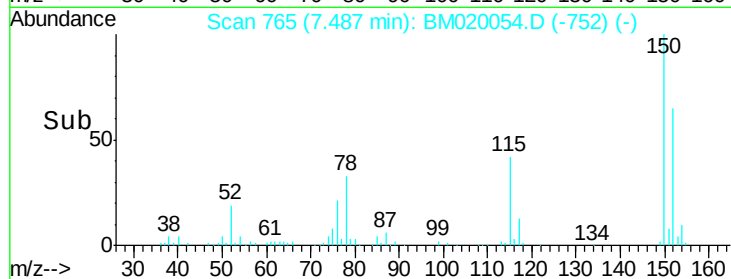
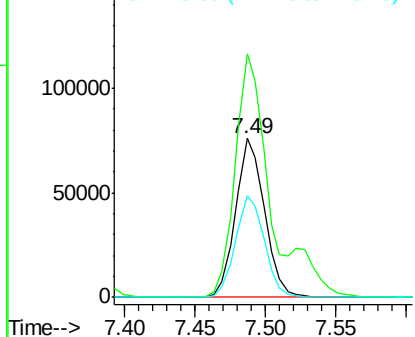
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 765
Delta R.T. -0.02 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 108730
Ion Ratio Lower Upper
152 100
150 153.3 122.1 183.1
115 64.1 50.0 75.0



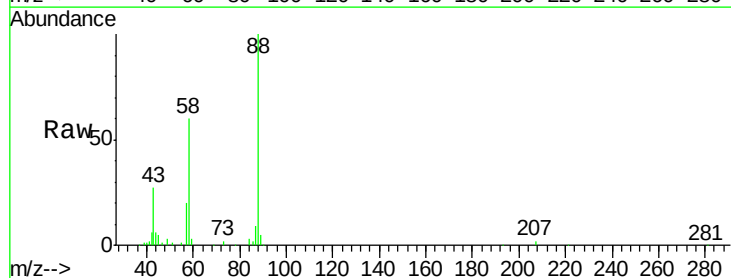
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



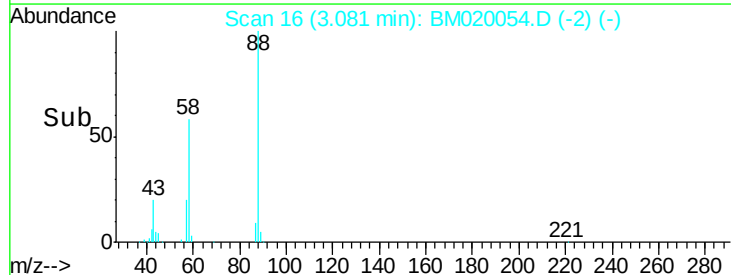
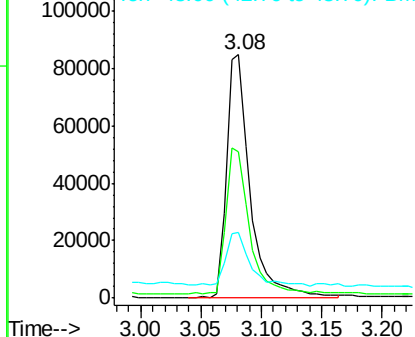
#2

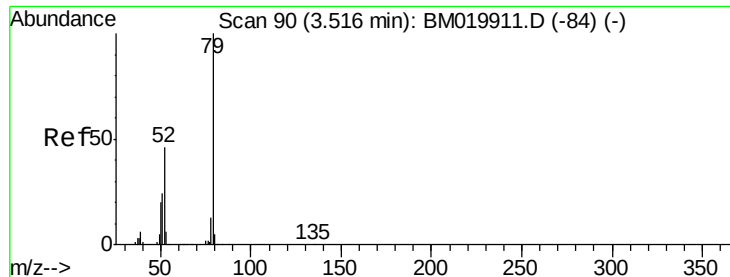
1,4-Dioxane
Concen: 39.721 ng
RT: 3.08 min Scan# 16
Delta R.T. -0.02 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

Tgt Ion: 88 Resp: 114998
Ion Ratio Lower Upper
88 100
58 58.6 49.6 74.4
43 21.7 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: 29.252 ng

RT: 3.48 min Scan# 84

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampleId :

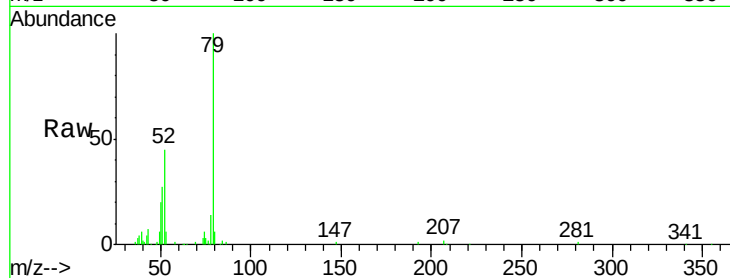
Tot Ion: 79 Resp: 237177

Ion Ratio Lower Upper

79 100

52 45.2 36.9 55.3

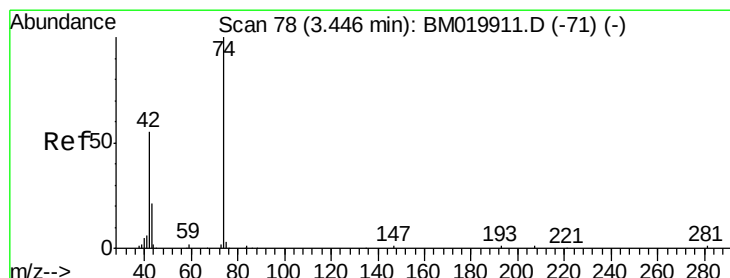
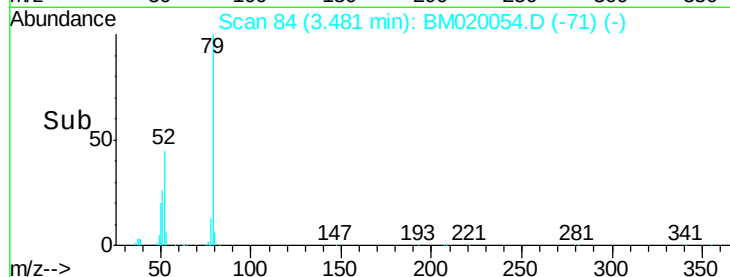
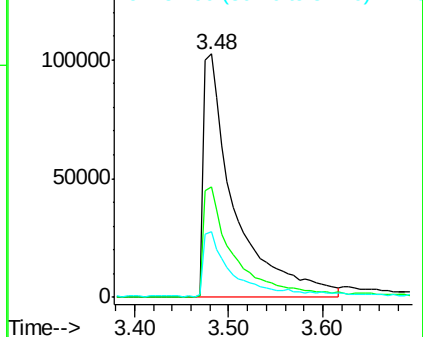
51 27.2 20.0 30.0



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: 41.225 ng

RT: 3.40 min Scan# 71

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

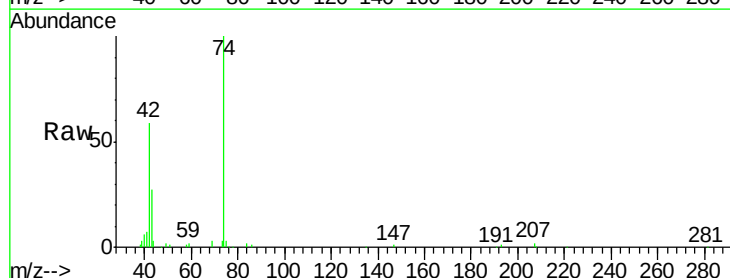
Tgt Ion: 42 Resp: 107677

Ion Ratio Lower Upper

42 100

74 169.9 144.6 217.0

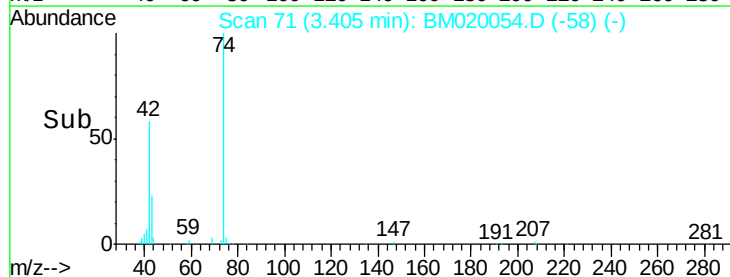
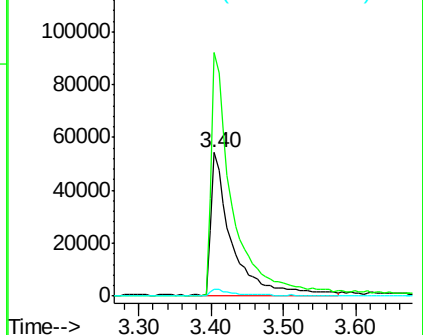
44 5.2 5.4 8.2#

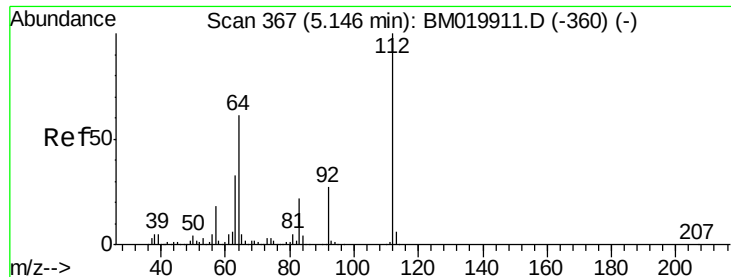


Abundance Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 138.292 ng

RT: 5.10 min Scan# 360

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampleId :

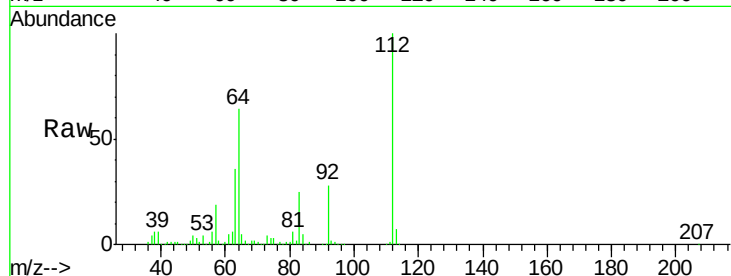
Tot Ion:112 Resp: 927807

Ion Ratio Lower Upper

112 100

64 64.4 49.1 73.7

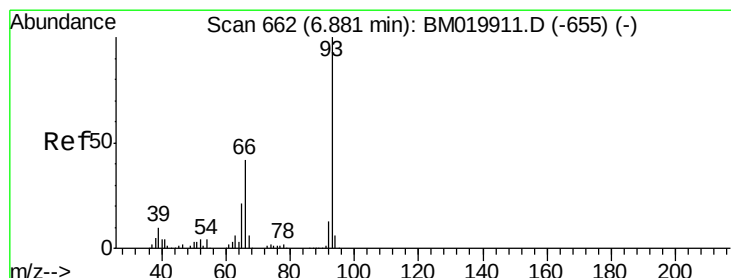
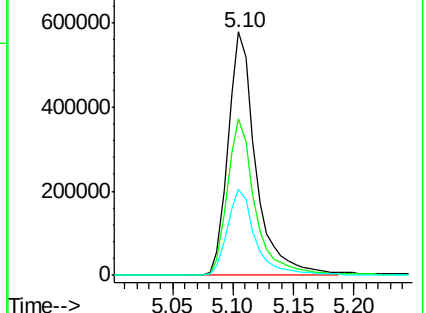
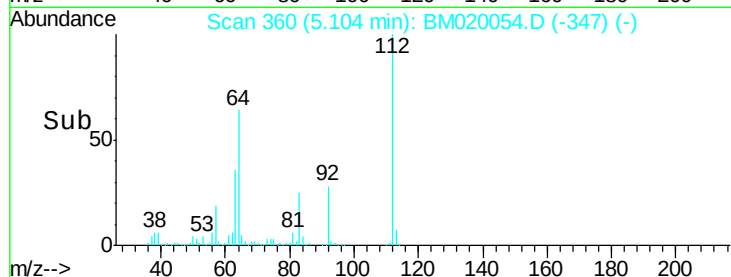
63 35.6 26.5 39.7



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: 27.081 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

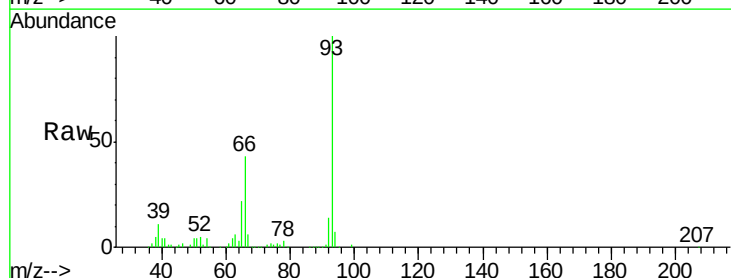
Tgt Ion: 93 Resp: 353169

Ion Ratio Lower Upper

93 100

66 43.0 33.9 50.9

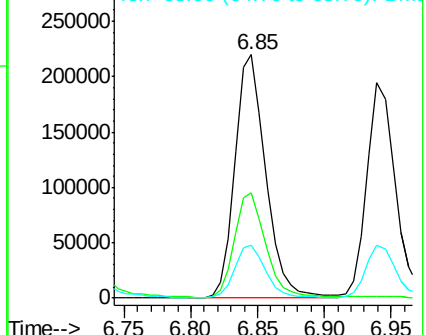
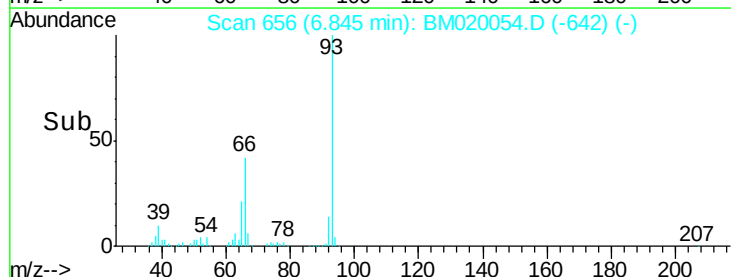
65 21.6 17.0 25.6

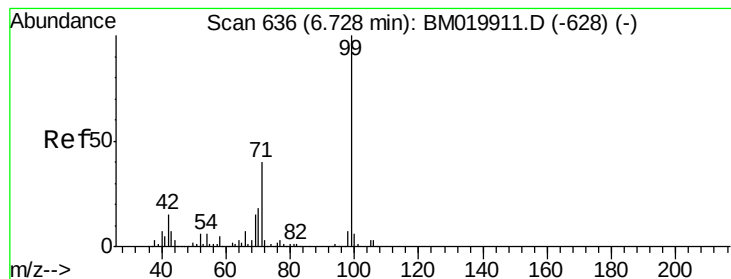


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 118.389 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampleId :

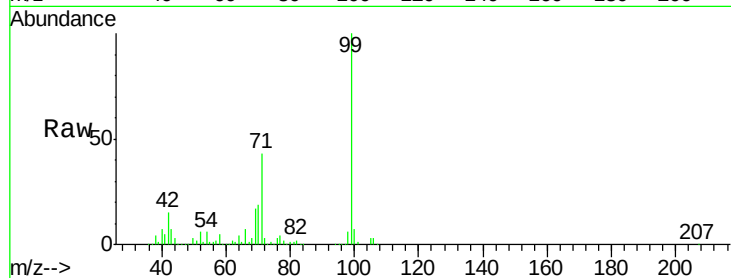
Tot Ion: 99 Resp: 1195369

Ion Ratio Lower Upper

99 100

42 15.4 11.8 17.8

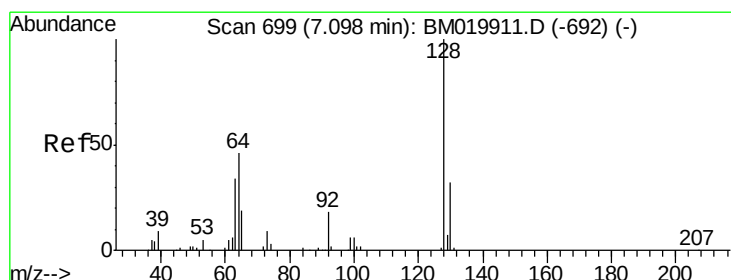
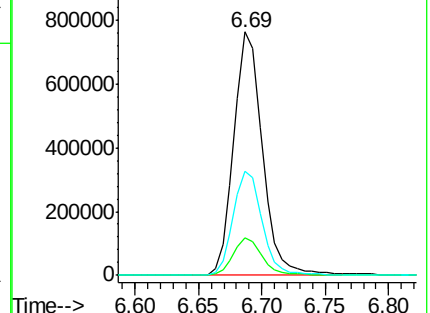
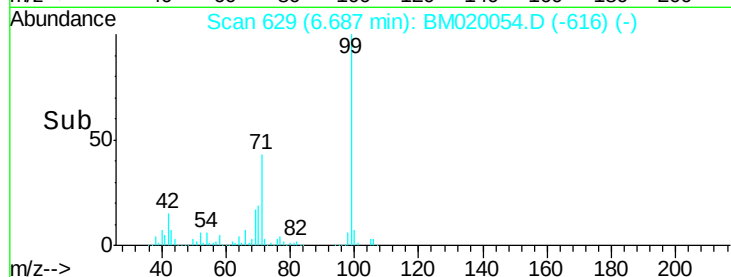
71 42.7 32.0 48.0



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: 37.266 ng

RT: 7.06 min Scan# 692

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

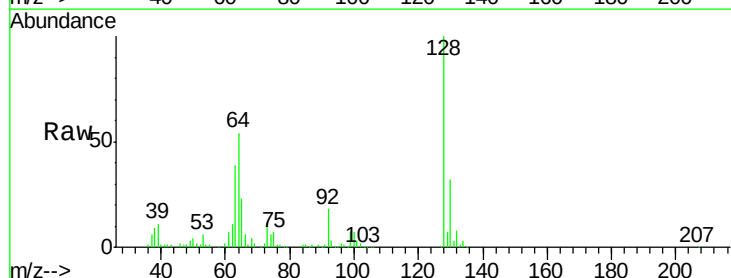
Tgt Ion: 128 Resp: 310960

Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

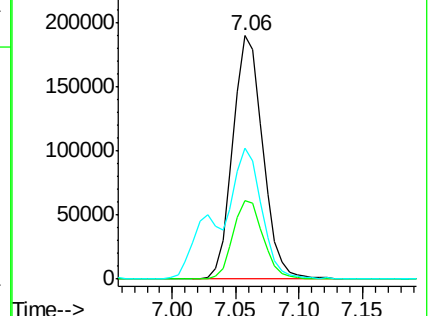
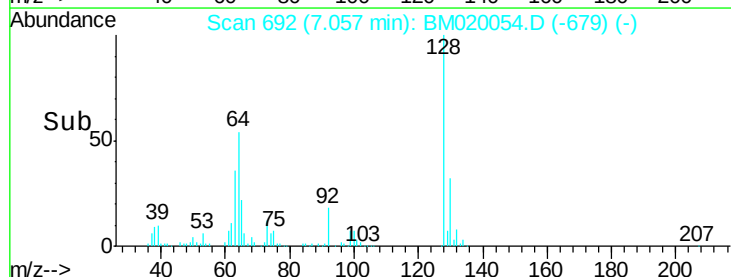
64 53.7 33.0 73.0

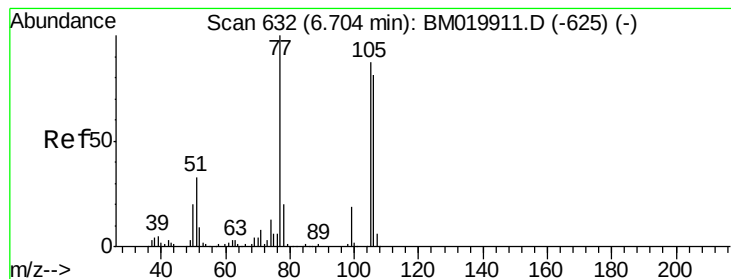


Abundance Ion 128.00 (127.70 to 128.70): BM019911.D (-692) (-)

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: 13.785 ng

RT: 6.67 min Scan# 627

Delta R.T. -0.01 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampleId :

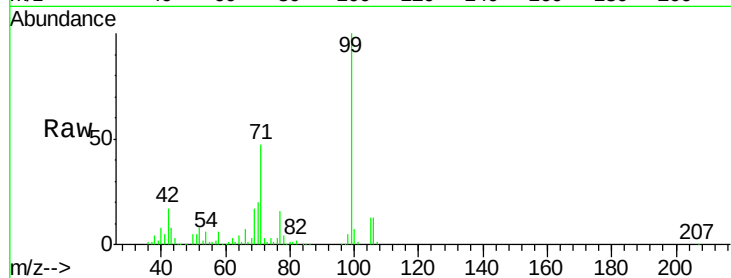
Tot Ion: 77 Resp: 97670

Ion Ratio Lower Upper

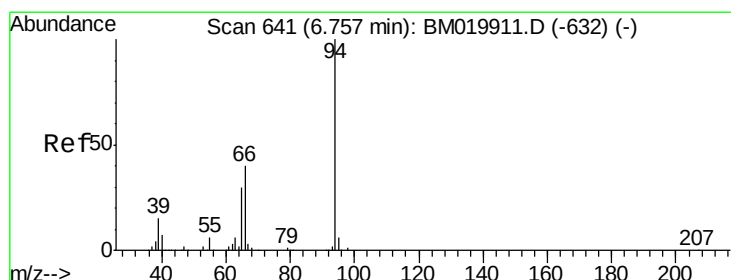
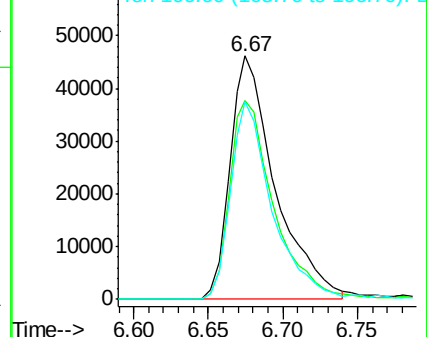
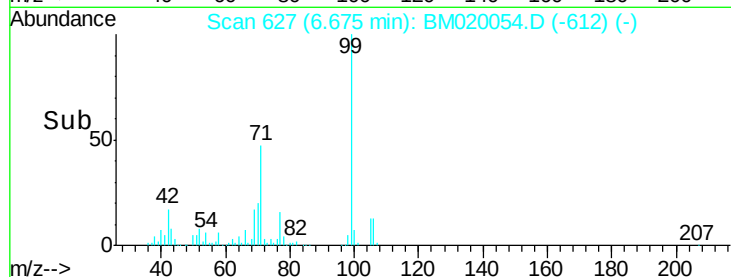
77 100

105 81.9 67.3 107.3

106 81.3 60.6 100.6



Abundance Ion 77.00 (76.70 to 77.70): BM020054.D (-612) (-)



#10

Phenol

Concen: 36.315 ng

RT: 6.72 min Scan# 634

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

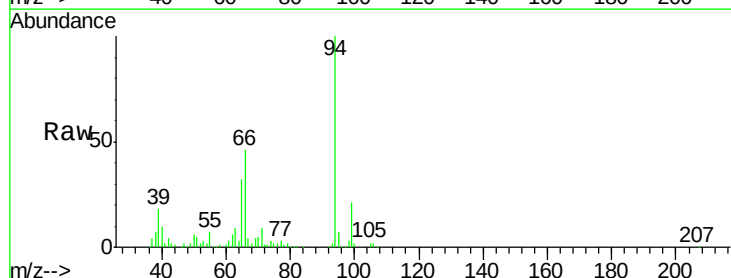
Tgt Ion: 94 Resp: 400615

Ion Ratio Lower Upper

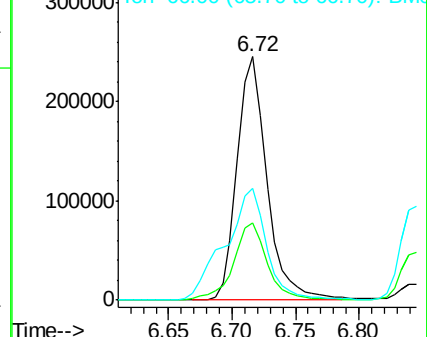
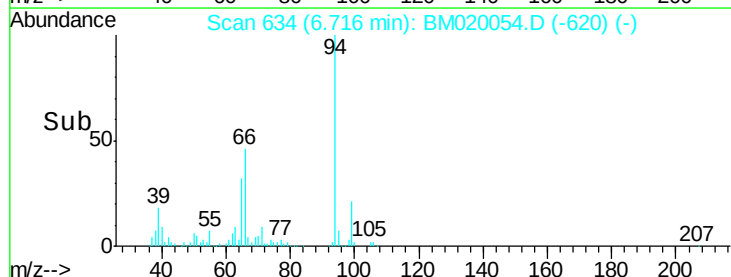
94 100

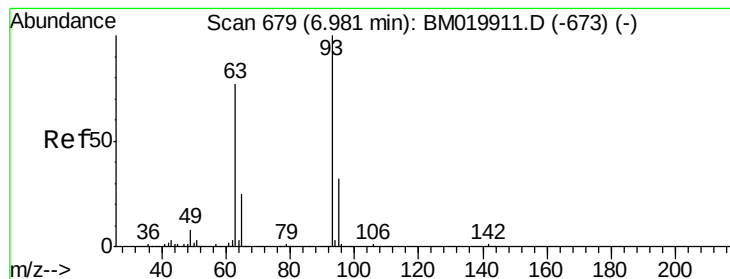
65 31.9 10.0 50.0

66 45.8 20.2 60.2



Abundance Ion 94.00 (93.70 to 94.70): BM020054.D (-620) (-)





#11

bis(2-Chloroethyl)ether

Concen: 35.099 ng

RT: 6.94 min Scan# 672

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampled :

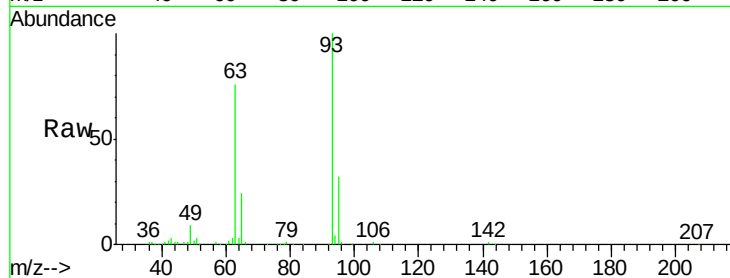
Tot Ion: 93 Resp: 283299

Ion Ratio Lower Upper

93 100

63 75.5 55.8 95.8

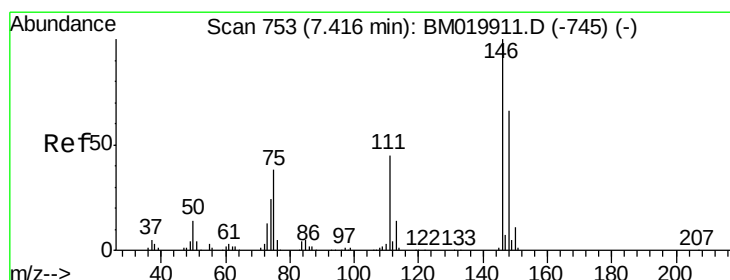
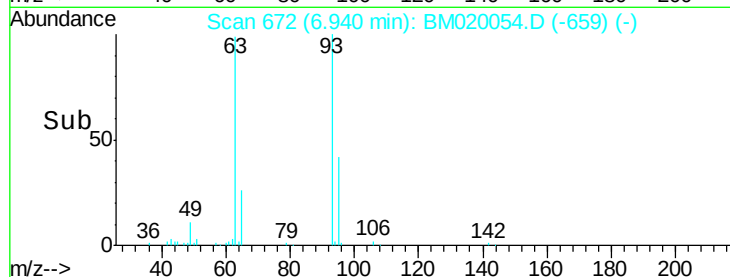
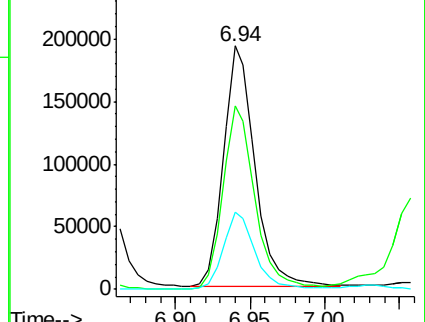
95 31.8 11.6 51.6



Abundance Ion 93.00 (92.70 to 93.70): BM019911.D (-673) (-)

Ion 63.00 (62.70 to 63.70): BM019911.D (-673) (-)

Ion 95.00 (94.70 to 95.70): BM019911.D (-673) (-)



#12

1,3-Dichlorobenzene

Concen: 37.800 ng

RT: 7.37 min Scan# 746

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

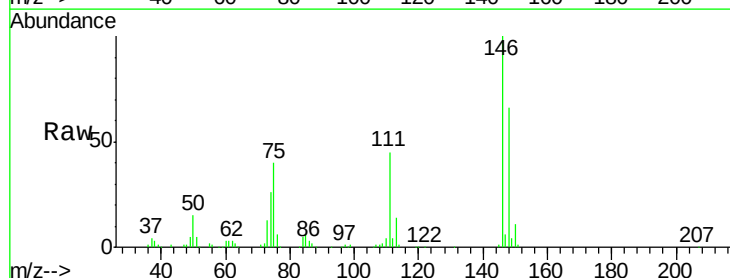
Tgt Ion: 146 Resp: 331132

Ion Ratio Lower Upper

146 100

148 65.6 52.6 78.8

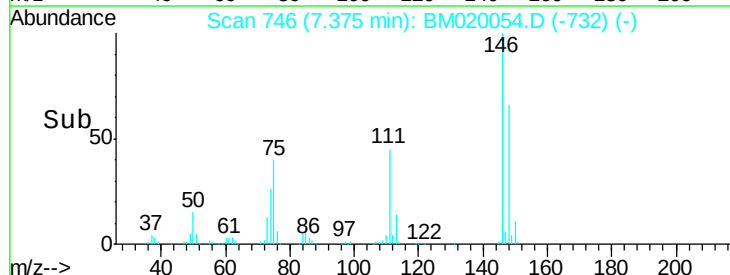
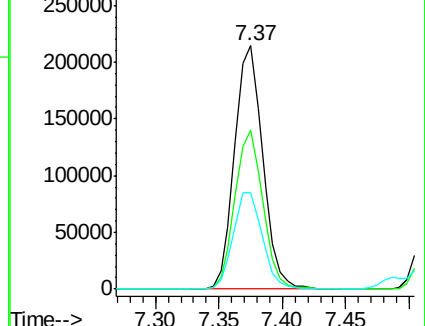
75 39.7 30.0 45.0

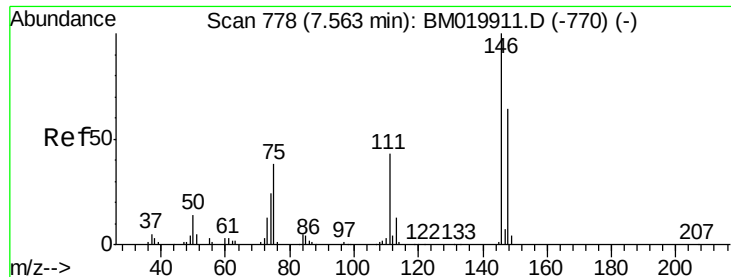


Abundance Ion 146.00 (145.70 to 146.70): BM019911.D (-745) (-)

Ion 148.00 (147.70 to 148.70): BM019911.D (-745) (-)

Ion 75.00 (74.70 to 75.70): BM019911.D (-745) (-)

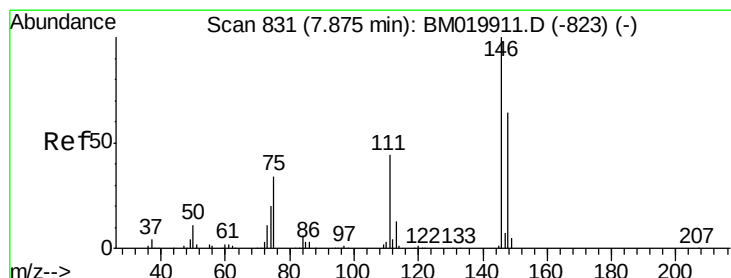
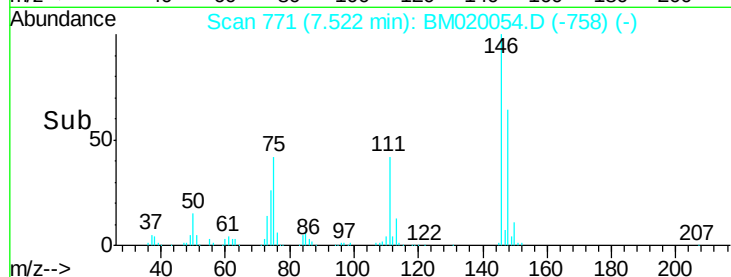
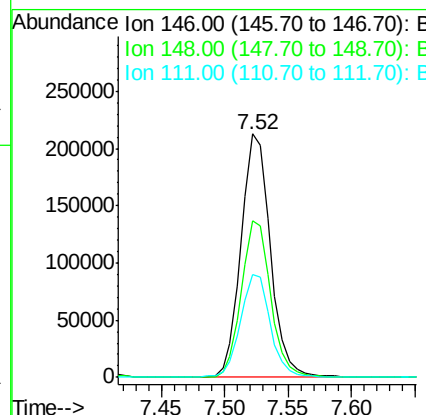
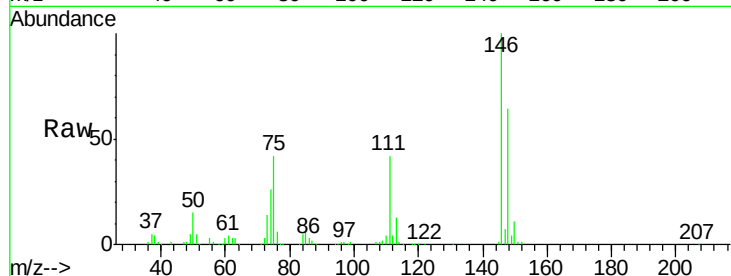




#13
 1,4-Dichlorobenzene
 Concen: 38.385 ng
 RT: 7.52 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

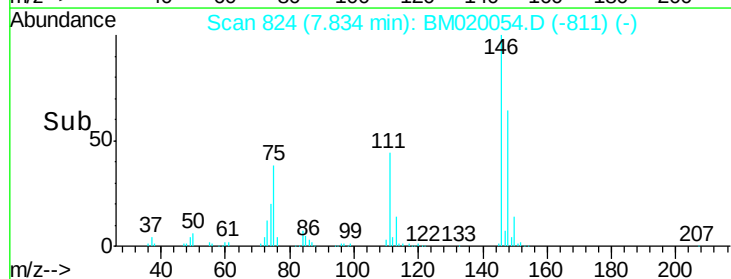
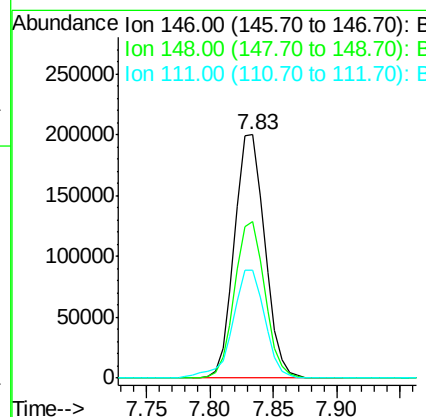
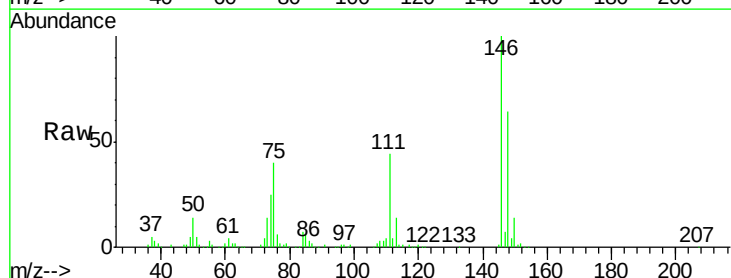
Instrument :
 BNA_M
 ClientSampleId :

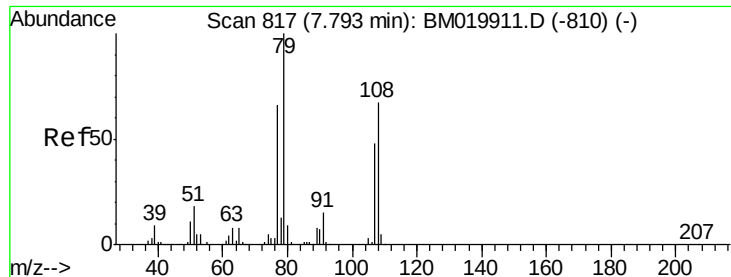
Tot Ion:146 Resp: 341171
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 42.3 34.6 51.8



#14
 1,2-Dichlorobenzene
 Concen: 37.726 ng
 RT: 7.83 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

Tgt Ion:146 Resp: 332476
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.4 77.2
 111 44.4 35.4 53.0





#15

Benzyl Alcohol

Concen: 33.281 ng

RT: 7.76 min Scan# 811

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampleId :

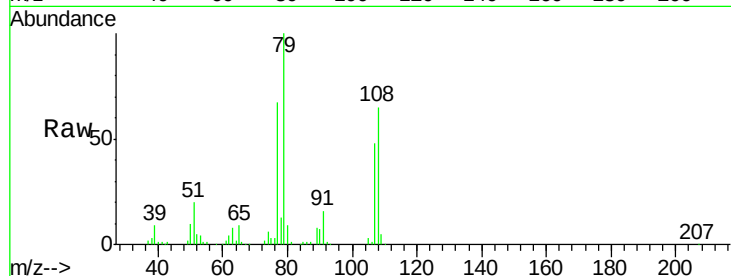
Tot Ion: 79 Resp: 305496

Ion Ratio Lower Upper

79 100

108 64.6 53.9 80.9

77 66.6 53.1 79.7



Abundance Ion 79.00 (78.70 to 79.70): BM019911.D (-810) (-)

Ion 108.00 (107.70 to 108.70): BM019911.D (-810) (-)

Ion 77.00 (76.70 to 77.70): BM019911.D (-810) (-)

7.76

150000

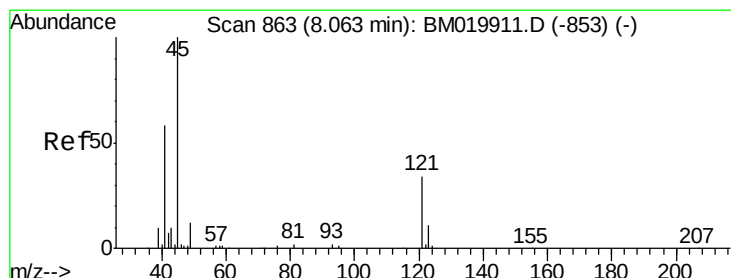
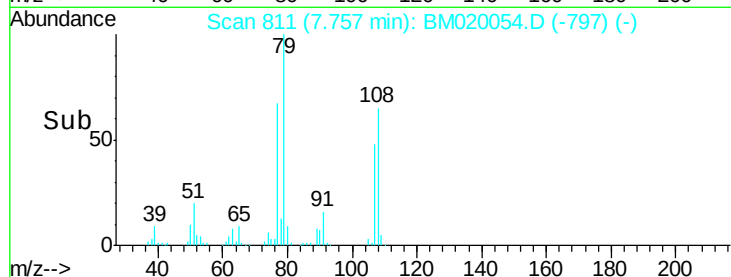
100000

50000

0

7.70 7.75 7.80 7.85

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.242 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

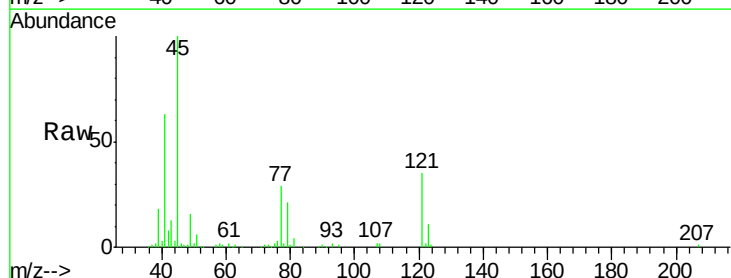
Tgt Ion: 45 Resp: 248080

Ion Ratio Lower Upper

45 100

77 29.3 7.2 47.2

79 20.8 1.2 41.2



Abundance Ion 45.00 (44.70 to 45.70): BM019911.D (-853) (-)

Ion 77.00 (76.70 to 77.70): BM019911.D (-853) (-)

Ion 79.00 (78.70 to 79.70): BM019911.D (-853) (-)

8.02

120000

100000

80000

60000

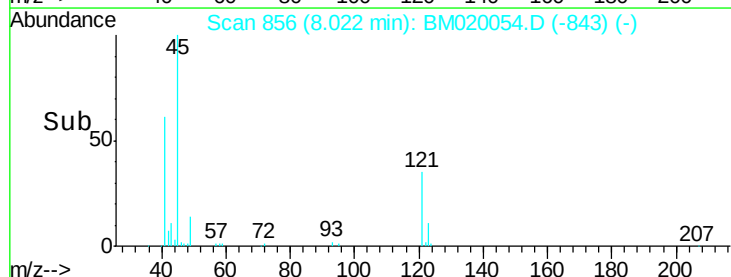
40000

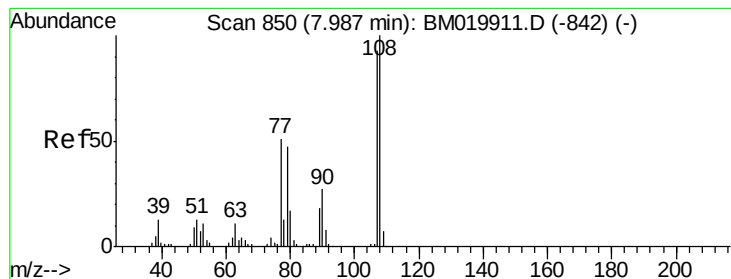
20000

0

7.90 8.00 8.10

Time-->

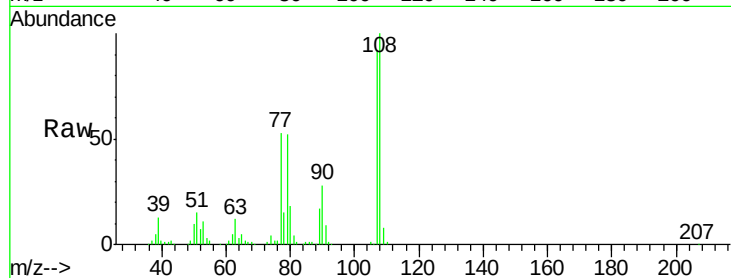




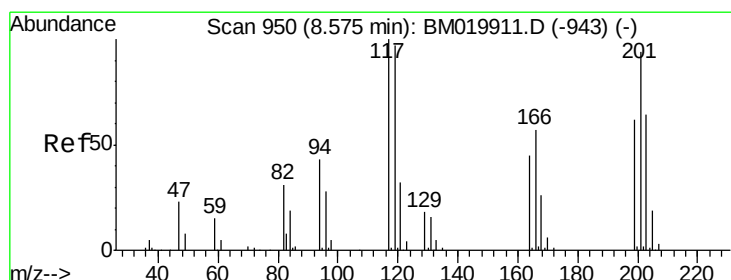
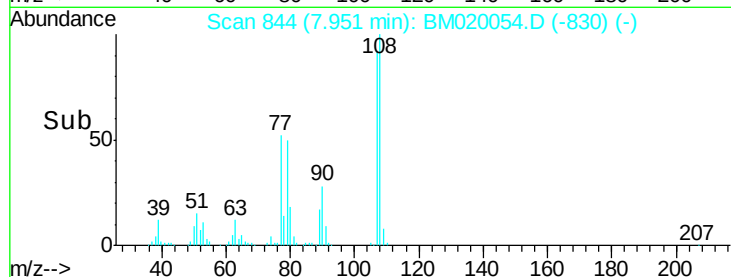
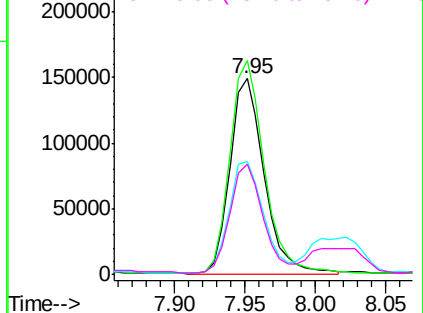
#17
2-Methylphenol
Concen: 34.358 ng
RT: 7.95 min Scan# 844
Delta R.T. -0.02 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

Instrument :
BNA_M
ClientSampled :

Tot Ion:	107	Resp:	250858
Ion	Ratio	Lower	Upper
107	100		
108	109.2	85.9	128.9
77	57.7	43.8	65.6
79	56.4	41.1	61.7

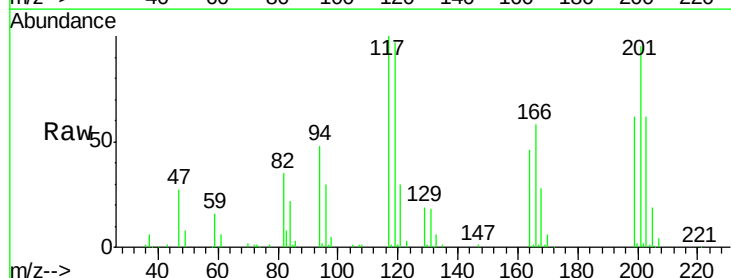


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

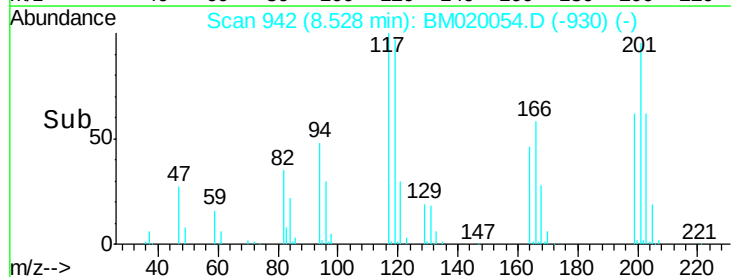
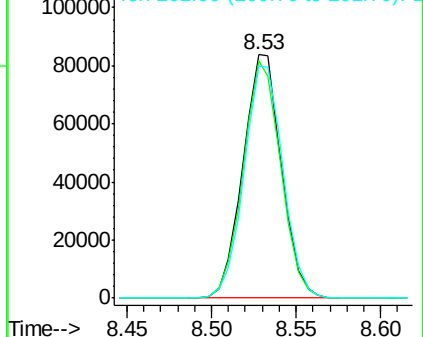


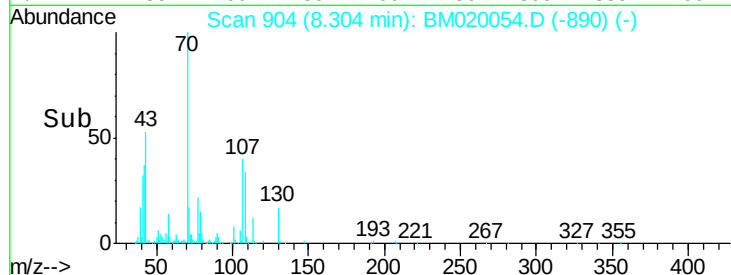
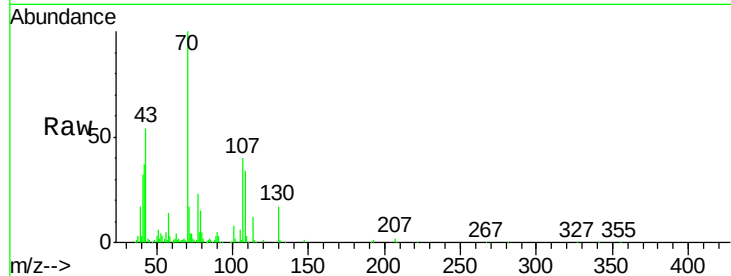
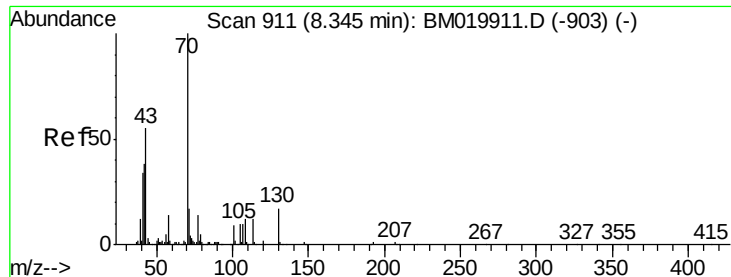
#18
Hexachloroethane
Concen: 38.328 ng
RT: 8.53 min Scan# 942
Delta R.T. -0.03 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

Tgt Ion:	117	Resp:	132418
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.6	116.4
201	95.2	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

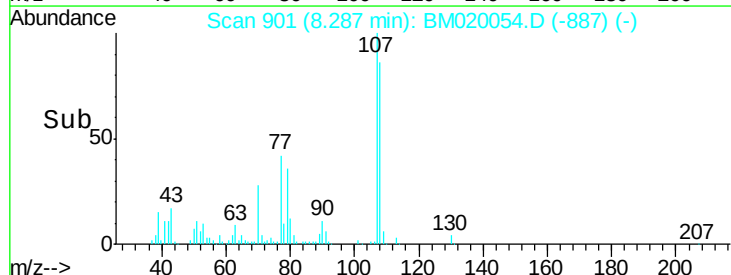
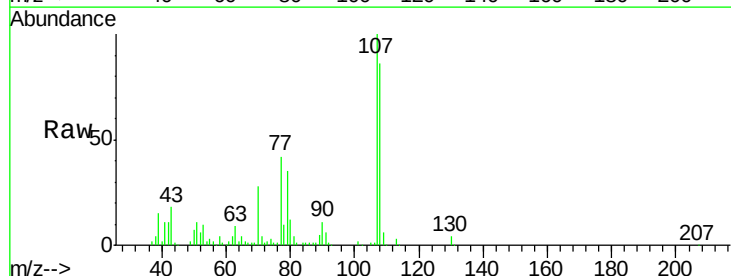
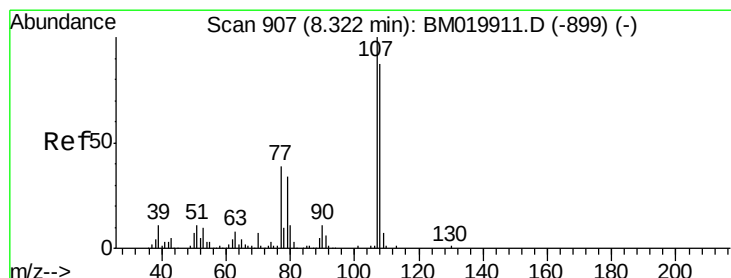
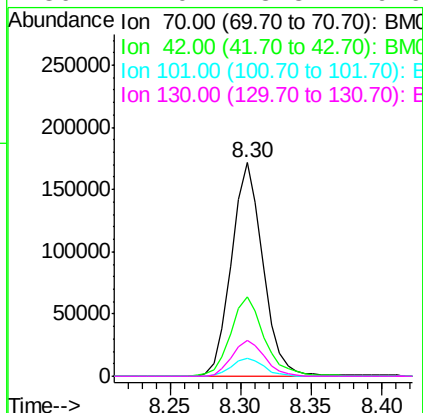




#19
n-Nitroso-di-n-propylamine
Concen: 30.167 ng
RT: 8.30 min Scan# 904
Delta R.T. -0.02 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

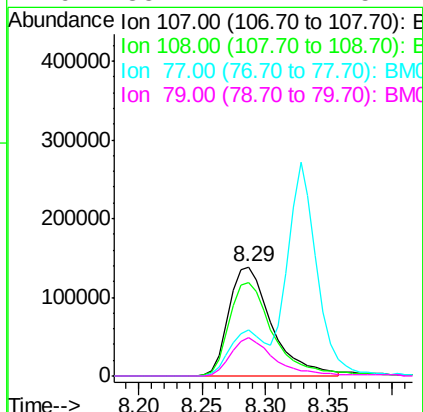
Instrument :
BNA_M
ClientSampled :

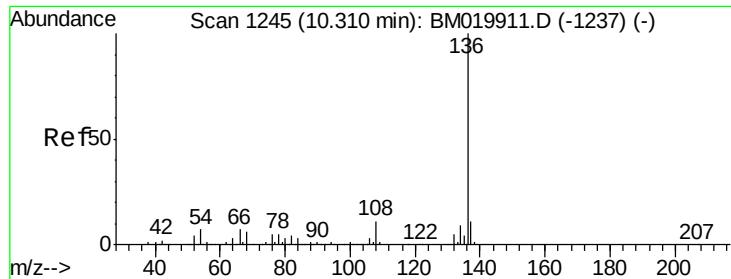
Tot Ion: 70 Resp: 267748
Ion Ratio Lower Upper
70 100
42 37.3 30.3 45.5
101 8.2 6.9 10.3
130 17.0 13.8 20.6



#20
3+4-Methylphenols
Concen: 32.532 ng
RT: 8.29 min Scan# 901
Delta R.T. -0.02 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

Tgt Ion: 107 Resp: 326283
Ion Ratio Lower Upper
107 100
108 85.6 67.4 107.4
77 41.8 19.7 59.7
79 35.4 14.1 54.1

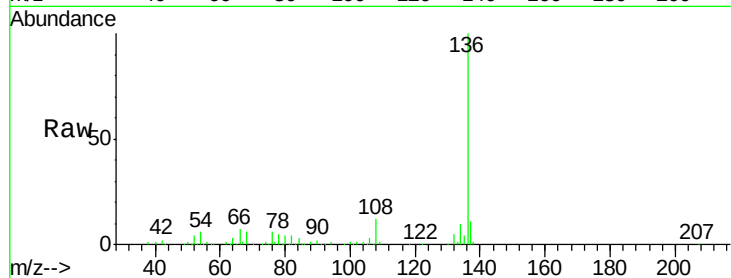




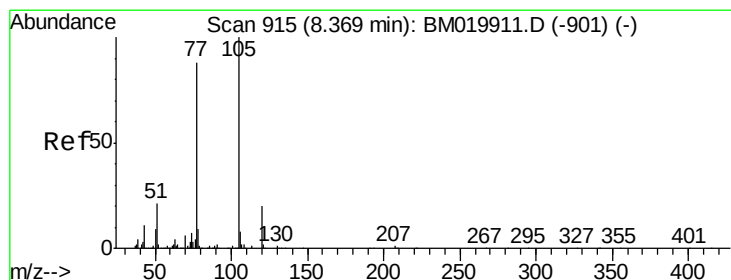
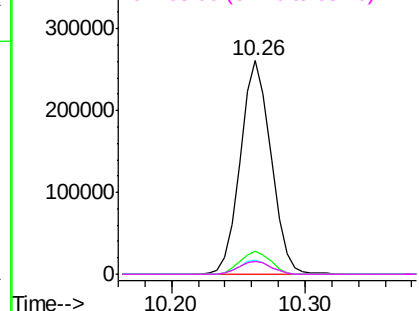
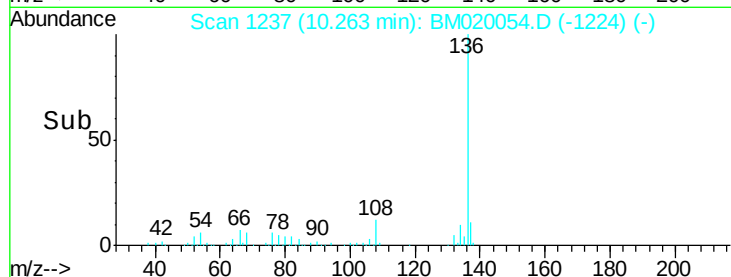
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	415188
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.6
54	6.4	5.3 7.9
68	6.3	5.2 7.8

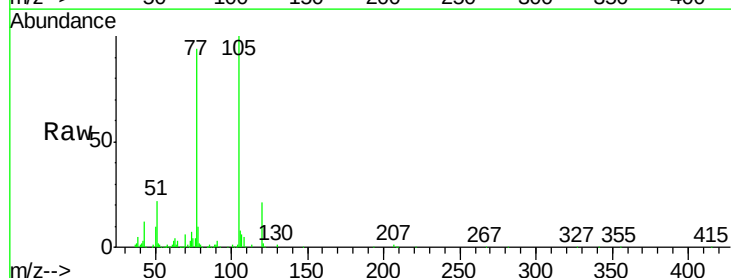


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

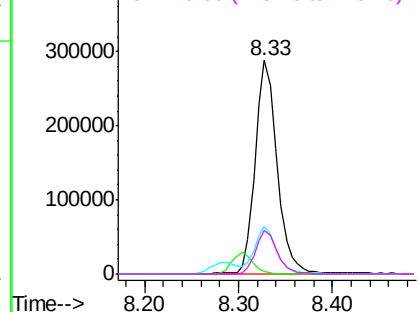
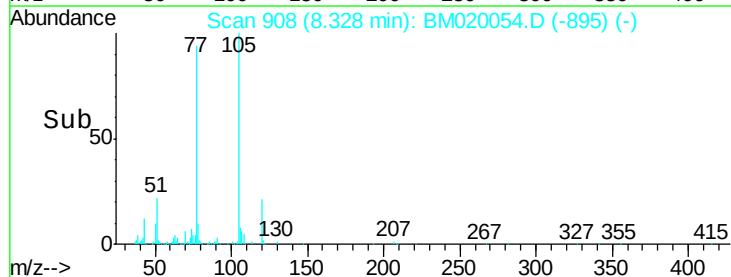


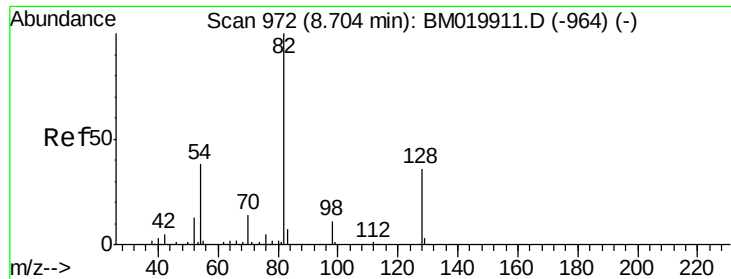
#22
Acetophenone
Concen: 41.343 ng
RT: 8.33 min Scan# 908
Delta R.T. -0.02 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

Tgt Ion:105	Resp:	467530
Ion Ratio	Lower	Upper
105	100	
71	1.0	0.8 1.2
51	21.9	16.9 25.3
120	20.7	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

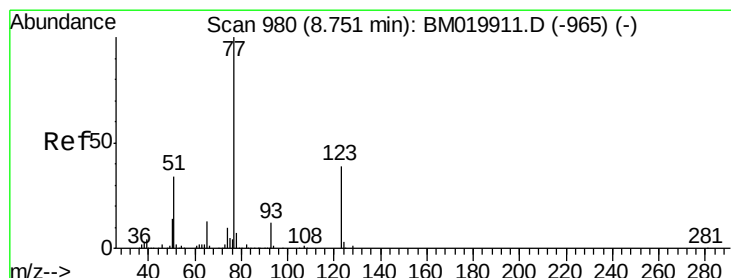
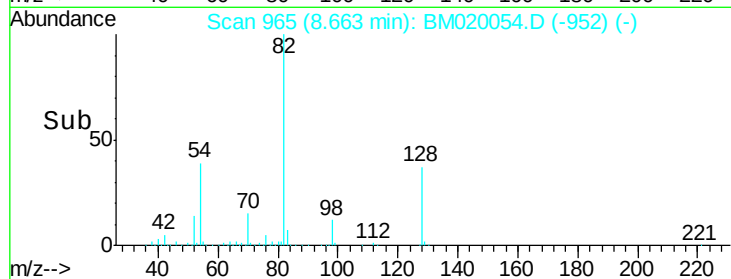
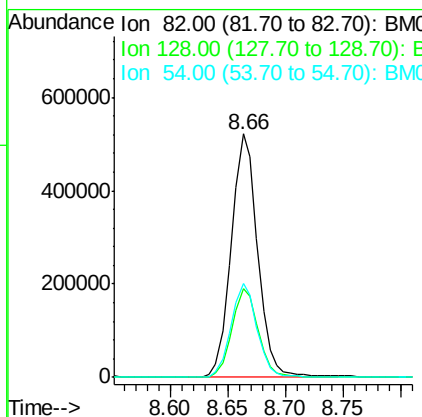
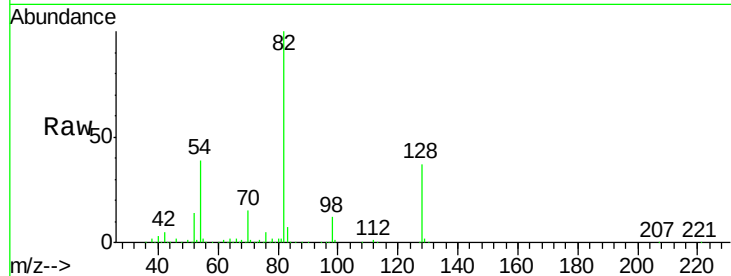




#23
Nitrobenzene-d5
Concen: 89.312 ng
RT: 8.66 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

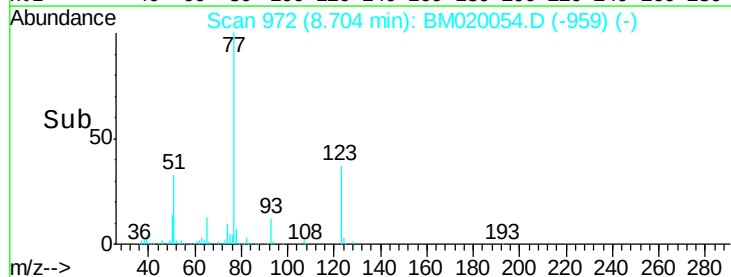
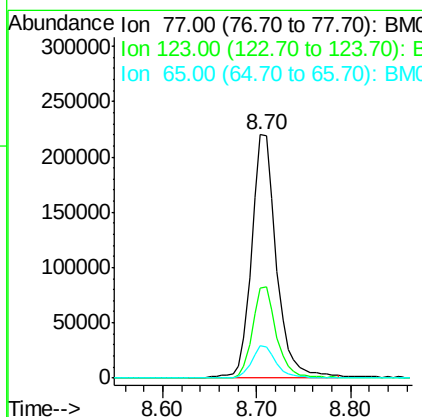
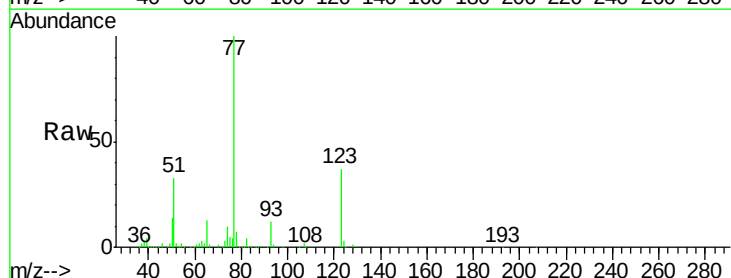
Instrument :
BNA_M
ClientSampleId :

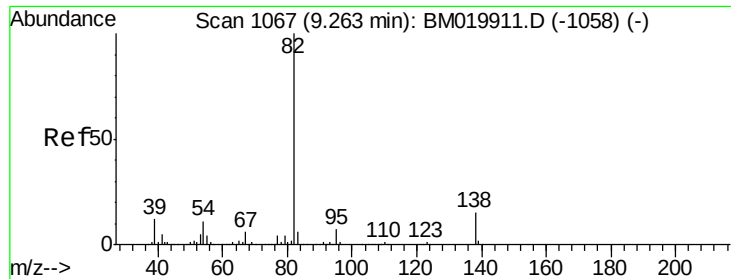
Tot Ion	82	Resp	829164
Ion Ratio	100	Lower	Upper
128	36.6	29.0	43.4
54	38.7	30.2	45.4



#24
Nitrobenzene
Concen: 41.630 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.02 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

Tgt Ion	77	Resp	400372
Ion Ratio	100	Lower	Upper
123	36.8	31.0	46.4
65	13.4	10.6	16.0

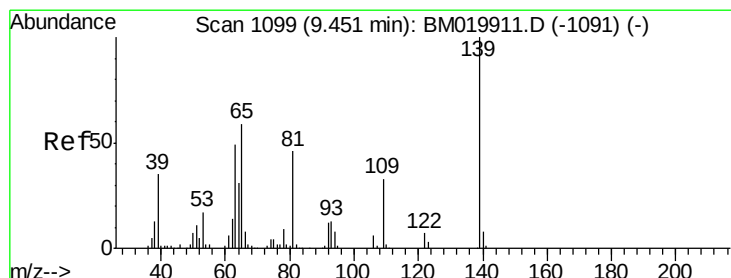
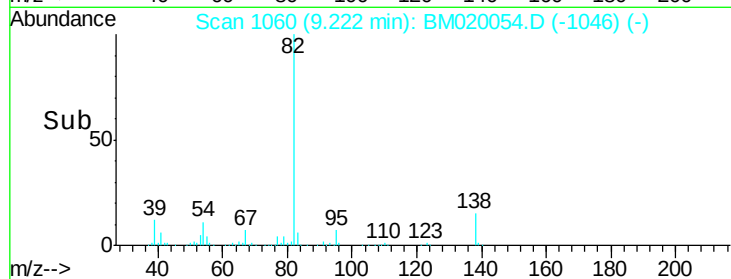
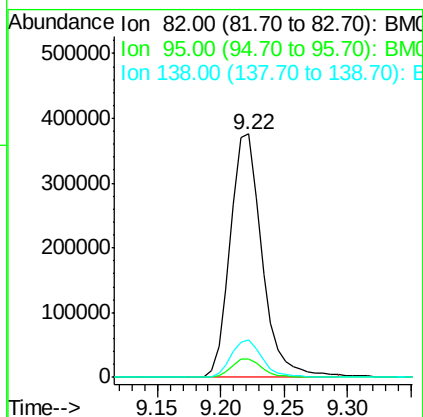
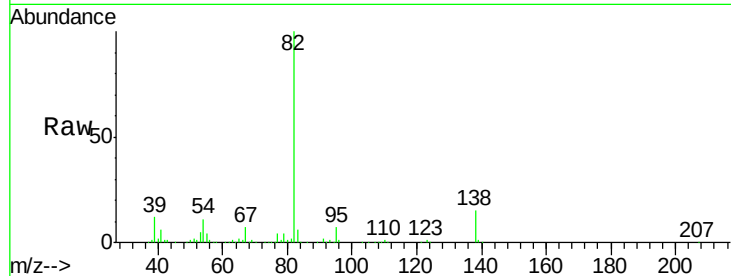




#25
Isophorone
Concen: 36.138 ng
RT: 9.22 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

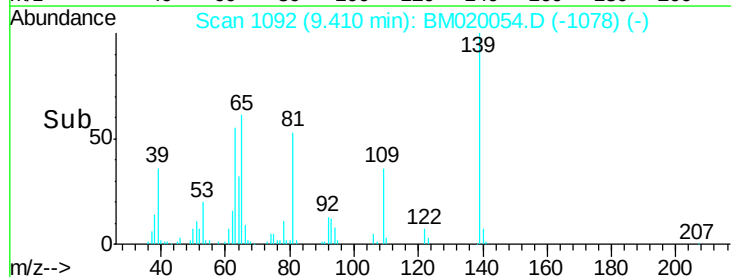
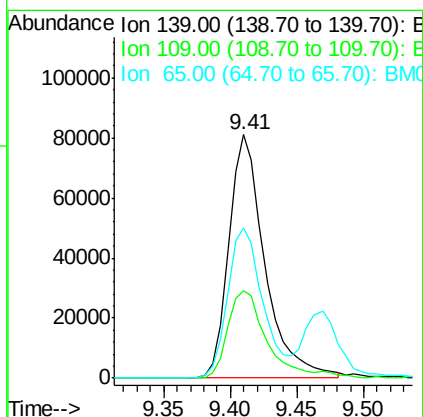
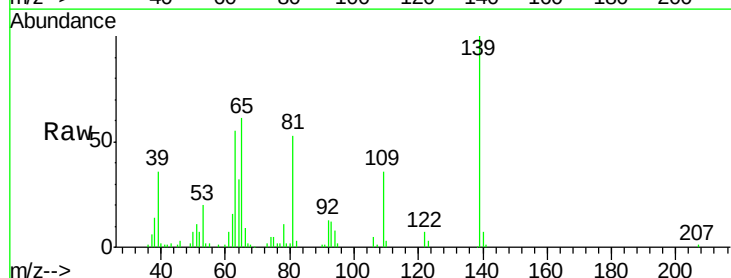
Instrument :
BNA_M
ClientSampleId :

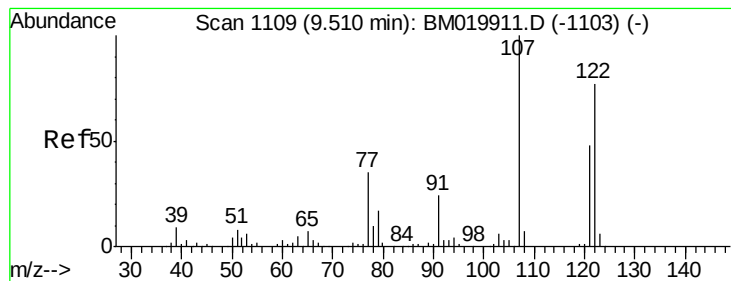
Tot Ion: 82 Resp: 653099
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 15.3 12.2 18.2



#26
2-Nitrophenol
Concen: 37.273 ng
RT: 9.41 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

Tgt Ion: 139 Resp: 152760
Ion Ratio Lower Upper
139 100
109 35.9 26.3 39.5
65 61.5 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 44.116 ng

RT: 9.47 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampled :

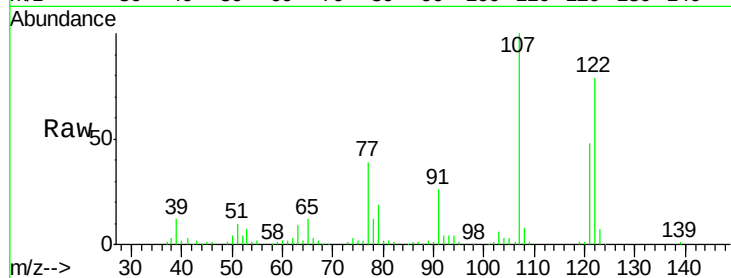
Tot Ion:122 Resp: 255649

Ion Ratio Lower Upper

122 100

107 126.9 103.1 154.7

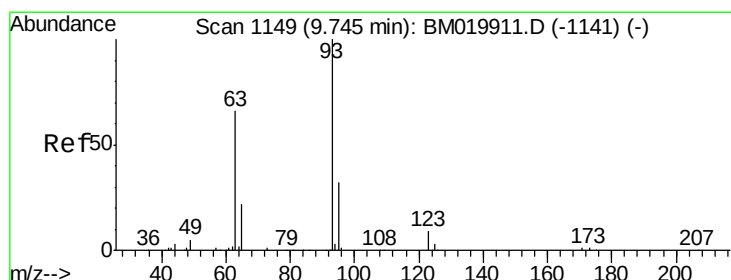
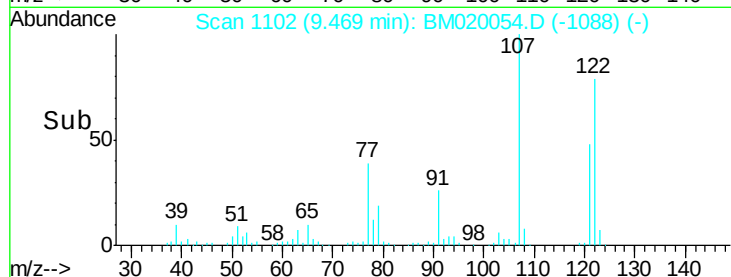
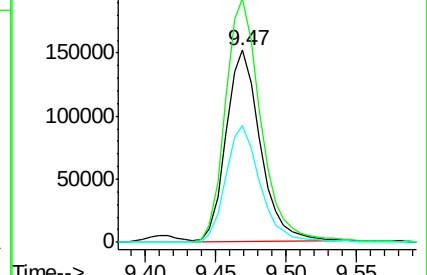
121 60.7 49.8 74.8



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: 36.519 ng

RT: 9.70 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

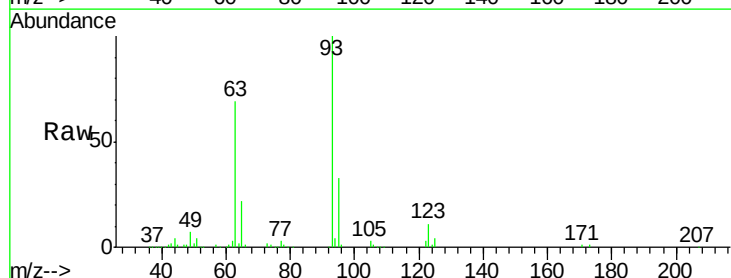
Tgt Ion: 93 Resp: 369566

Ion Ratio Lower Upper

93 100

95 33.5 25.8 38.8

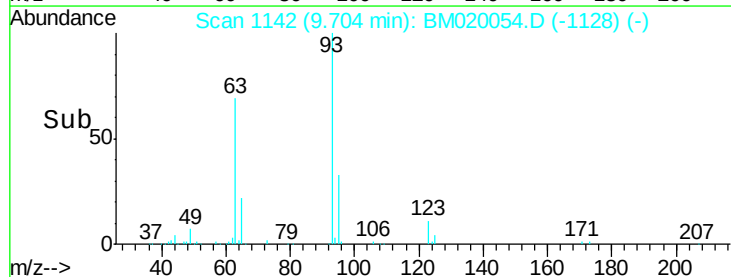
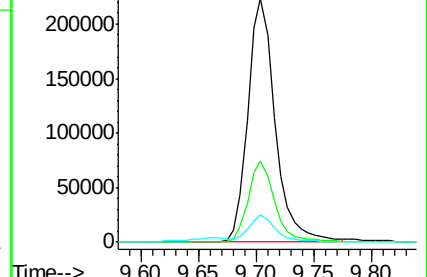
123 11.2 8.2 12.2

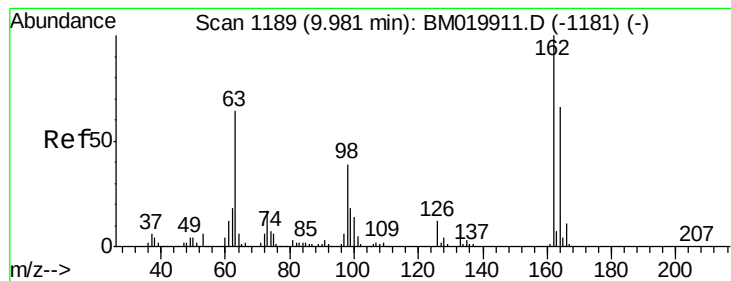


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.833 ng

RT: 9.95 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampleId :

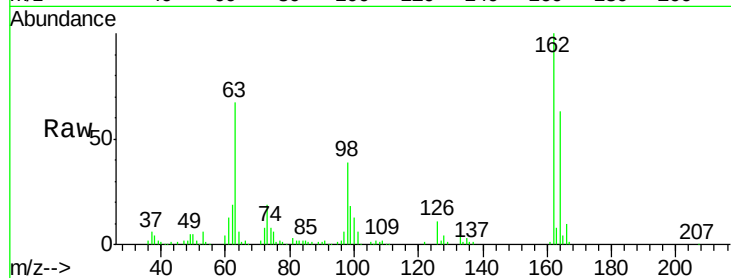
Tot Ion:162 Resp: 255578

Ion Ratio Lower Upper

162 100

164 62.9 46.3 86.3

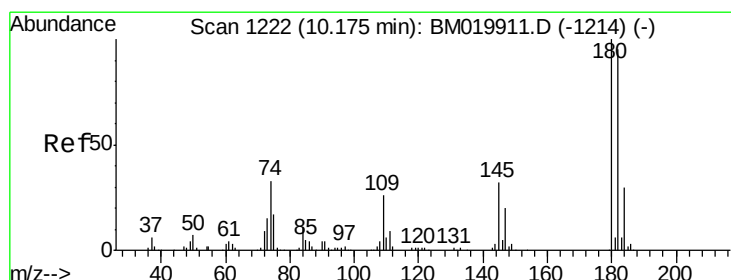
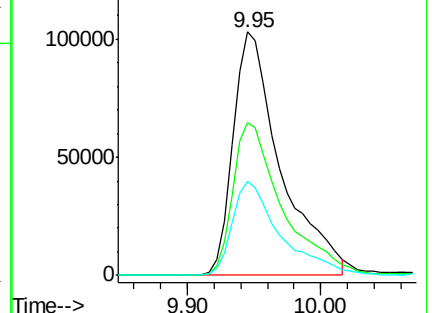
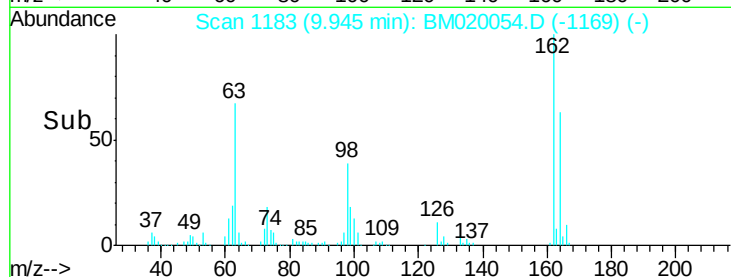
98 38.6 19.2 59.2



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: 42.898 ng

RT: 10.13 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

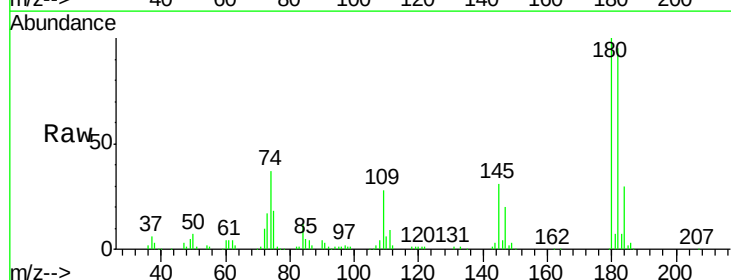
Tgt Ion:180 Resp: 303871

Ion Ratio Lower Upper

180 100

182 94.8 76.3 114.5

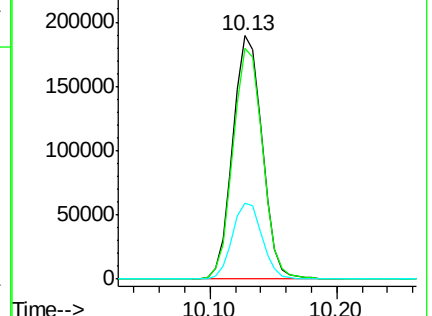
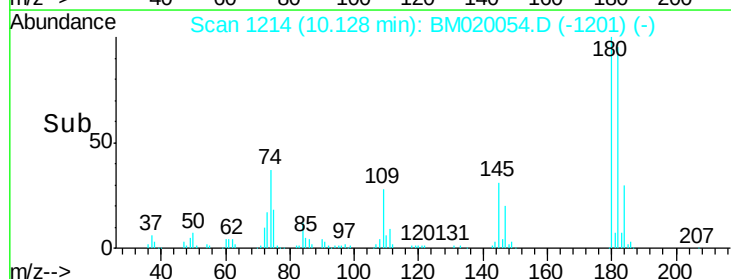
145 31.4 25.5 38.3

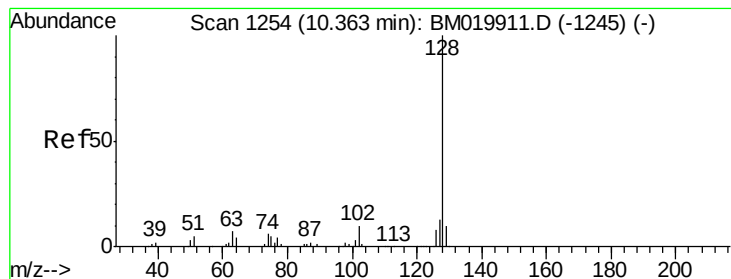


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.587 ng

RT: 10.32 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampleId :

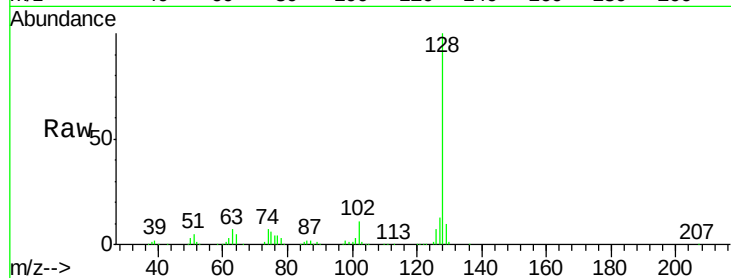
Tot Ion:128 Resp: 903854

Ion Ratio Lower Upper

128 100

129 10.4 8.3 12.5

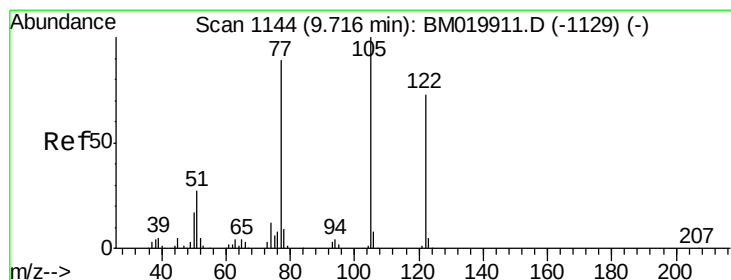
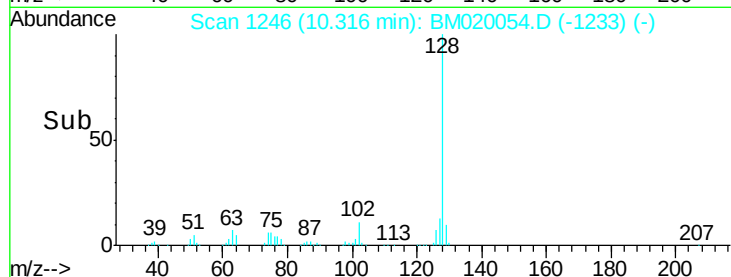
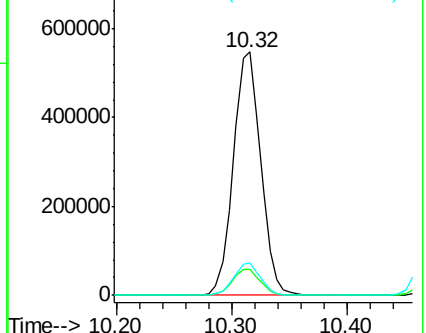
127 13.2 10.4 15.6



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: 28.448 ng

RT: 9.67 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

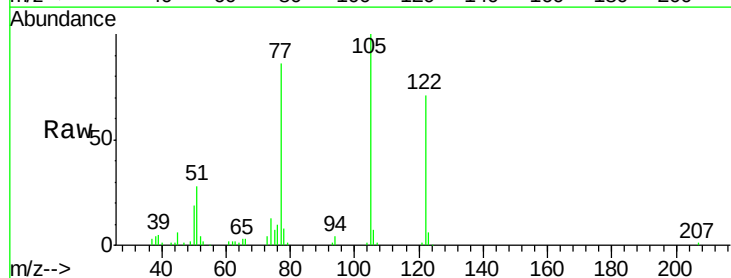
Tgt Ion:122 Resp: 142675

Ion Ratio Lower Upper

122 100

105 141.2 114.8 154.8

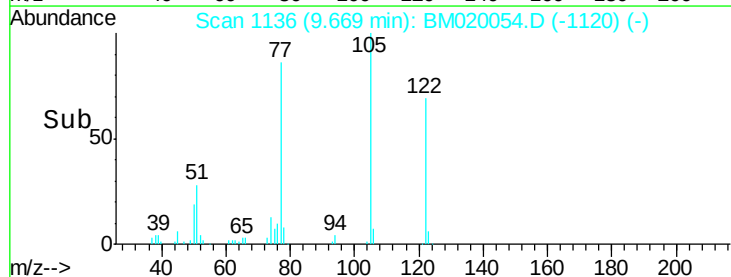
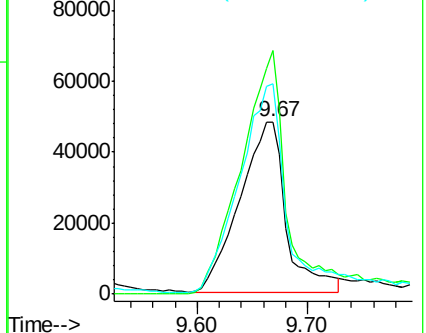
77 122.1 100.2 140.2

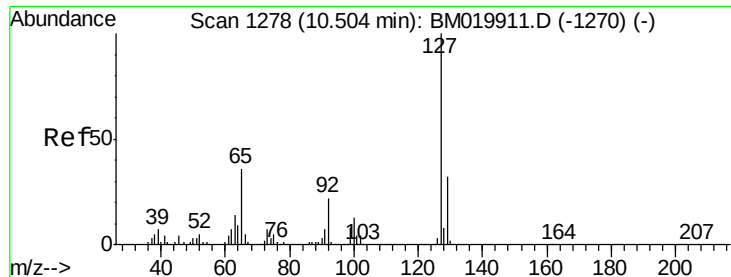


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

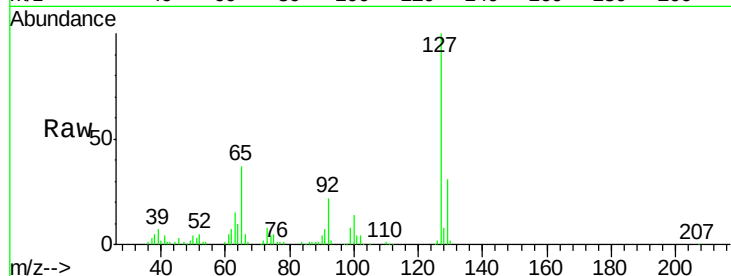




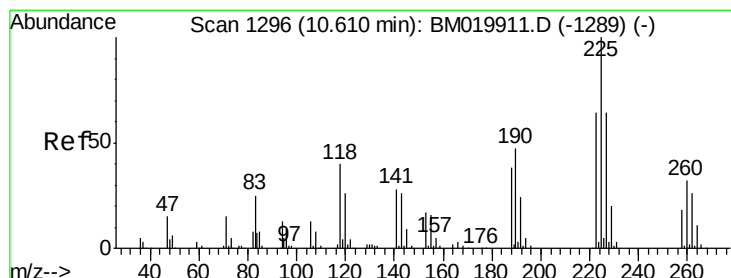
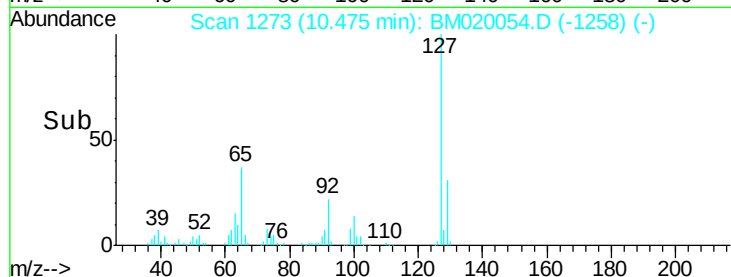
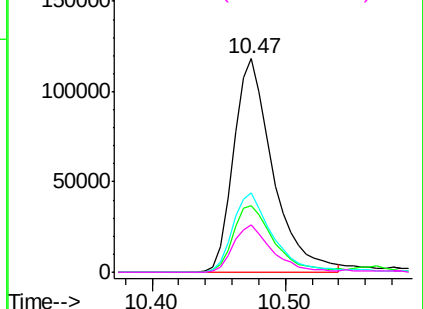
#33
4-Chloroaniline
Concen: 26.360 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	241835
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.4	38.0
65	36.9	29.2	43.8
92	22.1	17.5	26.3

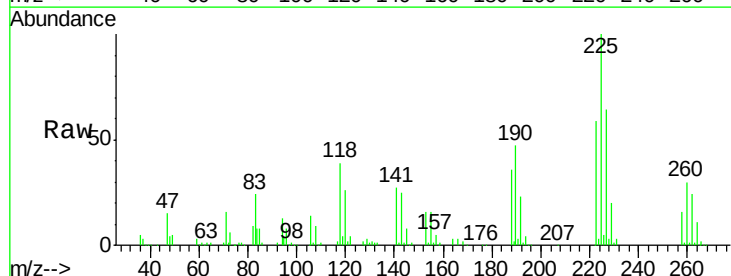


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

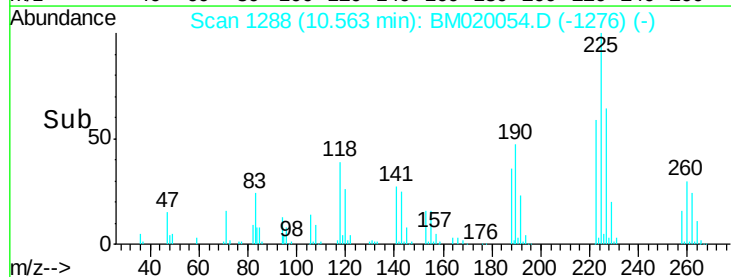
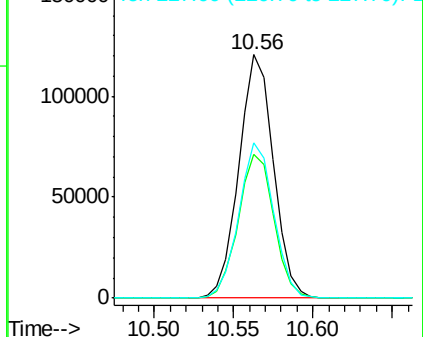


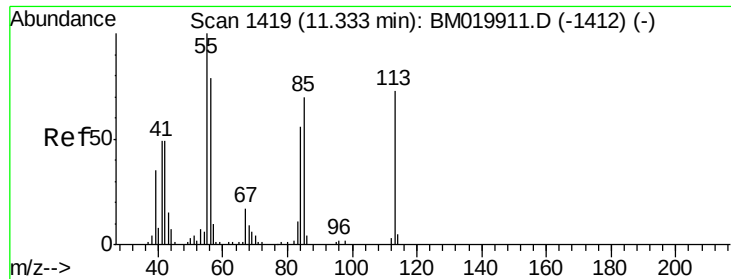
#34
Hexachlorobutadiene
Concen: 43.767 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

Tgt Ion:	225	Resp:	182849
Ion	Ratio	Lower	Upper
225	100		
223	59.1	51.4	77.2
227	63.9	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

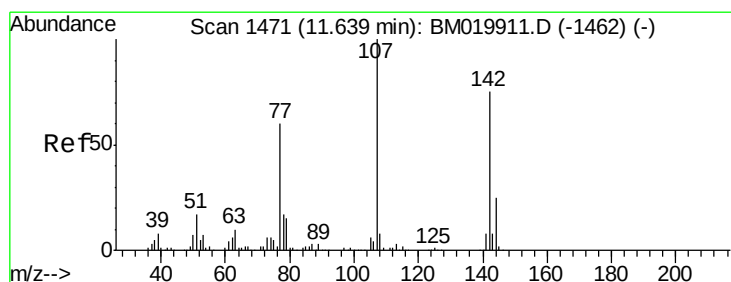
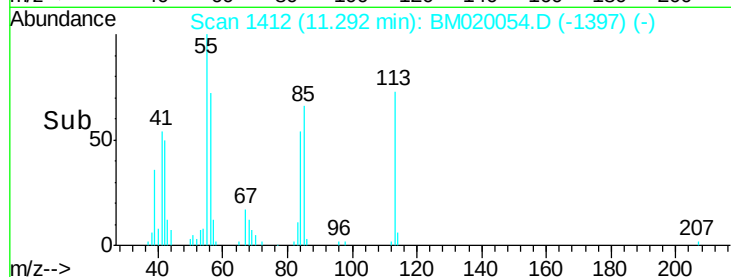
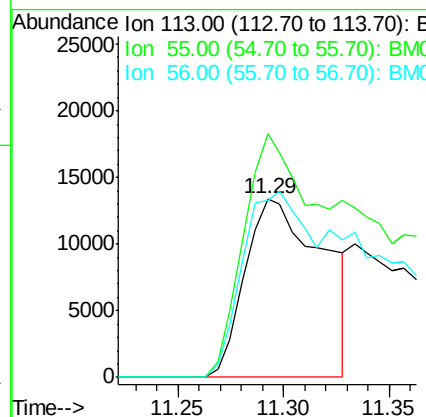
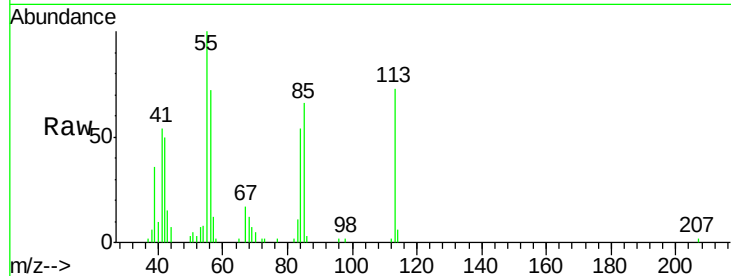




#35
 Caprolactam
 Concen: 13.813 ng
 RT: 11.29 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

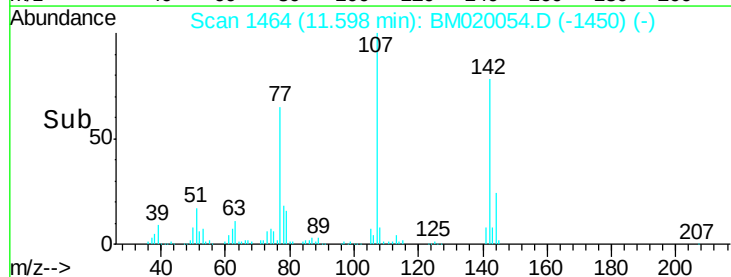
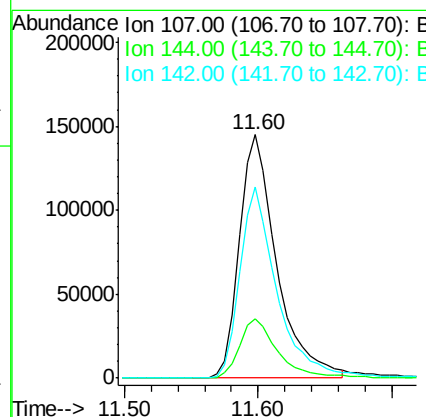
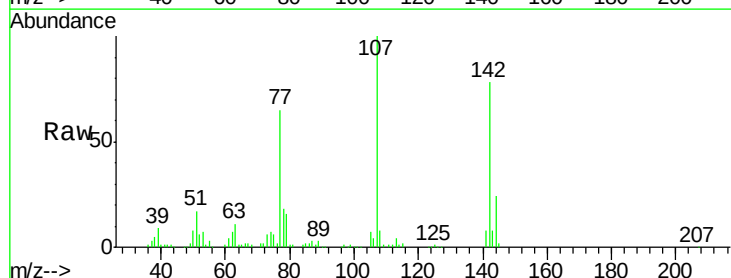
Instrument :
 BNA_M
 ClientSampleId :

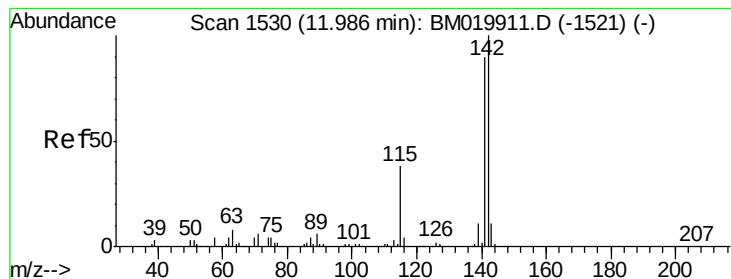
Tot Ion:113 Resp: 34412
 Ion Ratio Lower Upper
 113 100
 55 136.1 117.1 157.1
 56 98.6 88.2 128.2



#36
 4-Chloro-3-methylphenol
 Concen: 34.439 ng
 RT: 11.60 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

Tgt Ion:107 Resp: 281629
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.8 29.8
 142 78.3 60.3 90.5

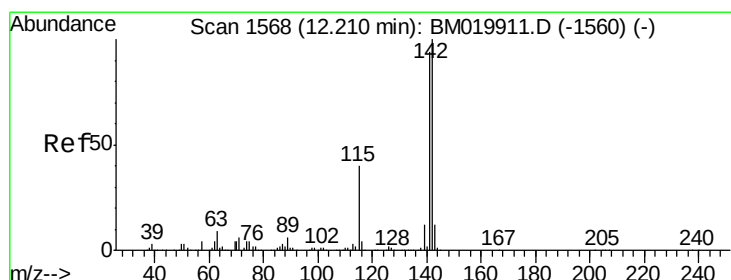
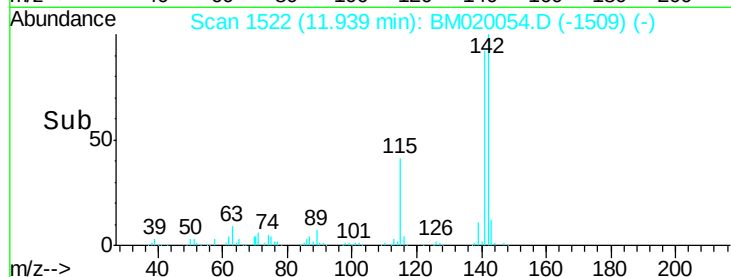
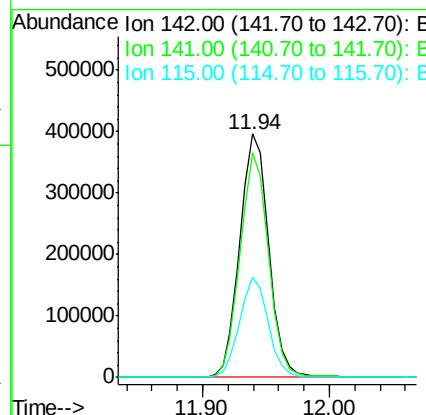
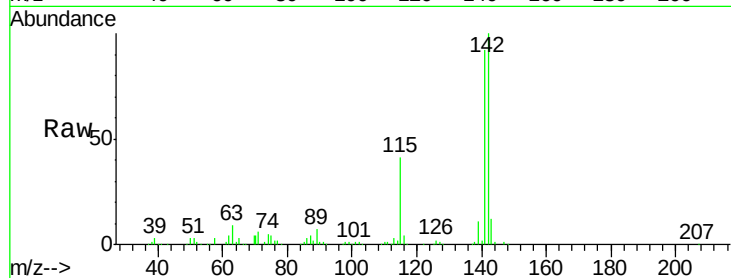




#37
 2-Methylnaphthalene
 Concen: 38.709 ng
 RT: 11.94 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

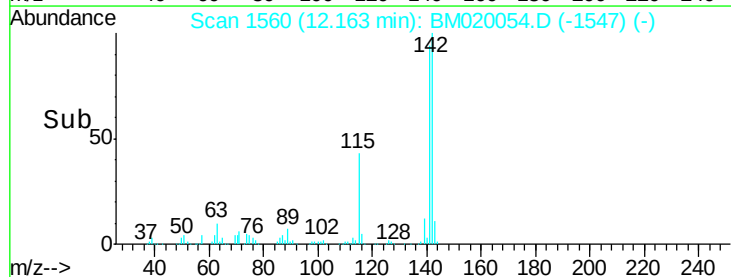
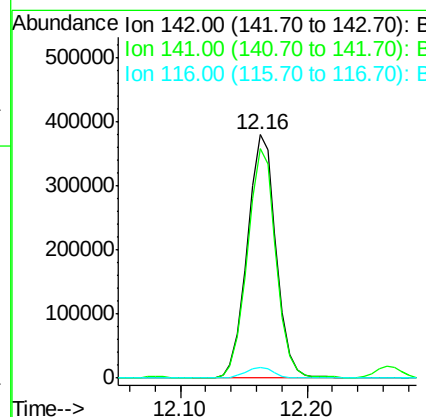
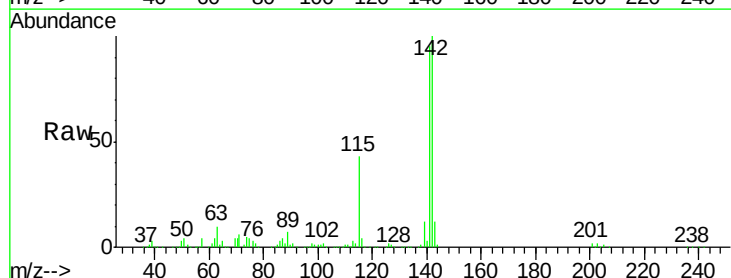
Instrument :
 BNA_M
 ClientSampleId :

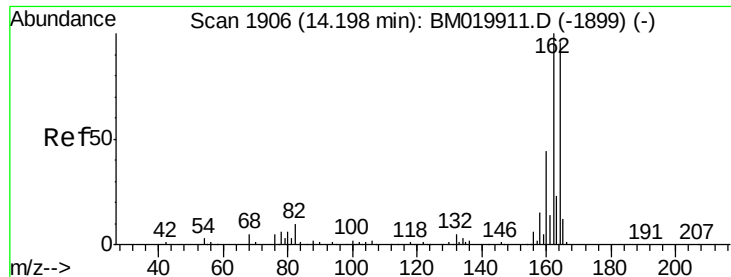
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.3	108.5
115	41.1	30.5	45.7



#38
 1-Methylnaphthalene
 Concen: 37.228 ng
 RT: 12.16 min Scan# 1560
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	75.7	113.5
116	4.5	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: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampleId :

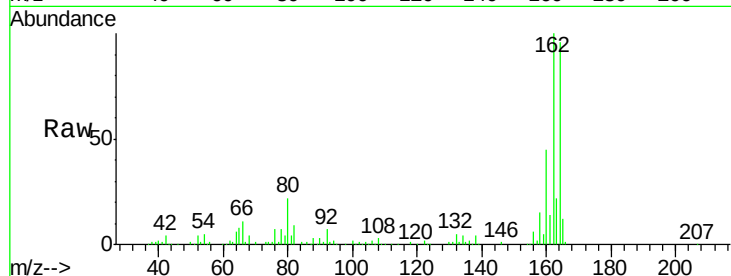
Tot Ion:164 Resp: 220411

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.4

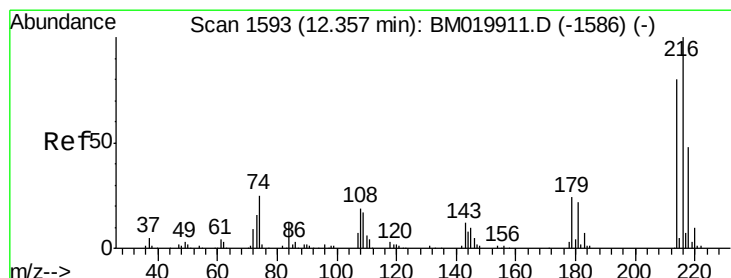
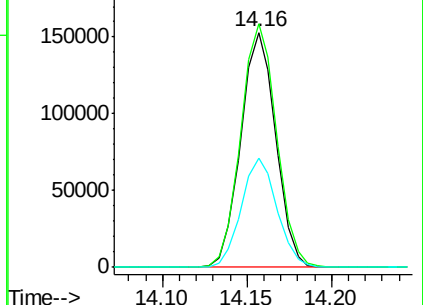
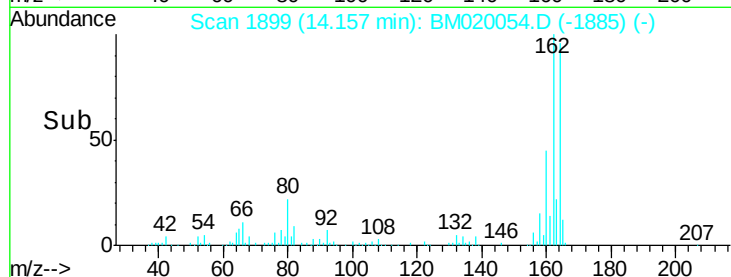
160 46.4 36.6 55.0



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: 44.520 ng

RT: 12.32 min Scan# 1586

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Tgt Ion:216 Resp: 302713

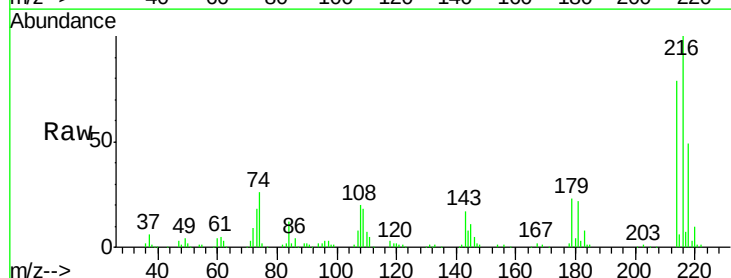
Ion Ratio Lower Upper

216 100

214 79.6 63.1 94.7

179 23.7 19.0 28.6

108 20.6 16.3 24.5

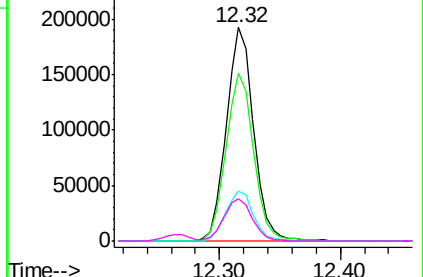
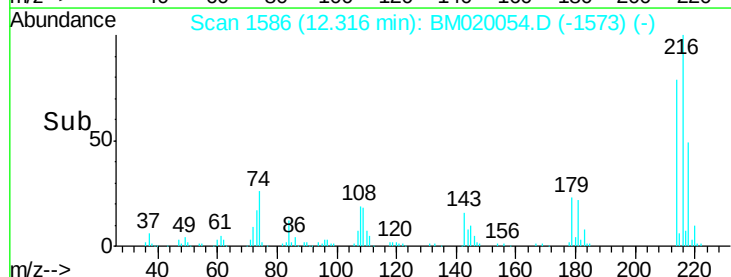


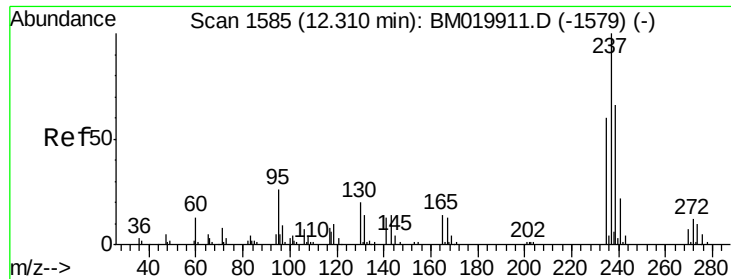
Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.681 ng

RT: 12.26 min Scan# 1577

Delta R.T. -0.03 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampleId :

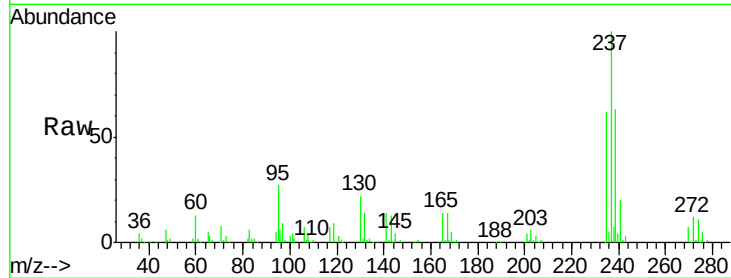
Tot Ion:237 Resp: 194505

Ion Ratio Lower Upper

237 100

235 61.8 40.4 80.4

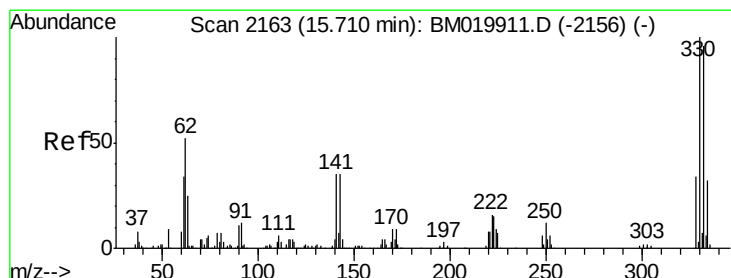
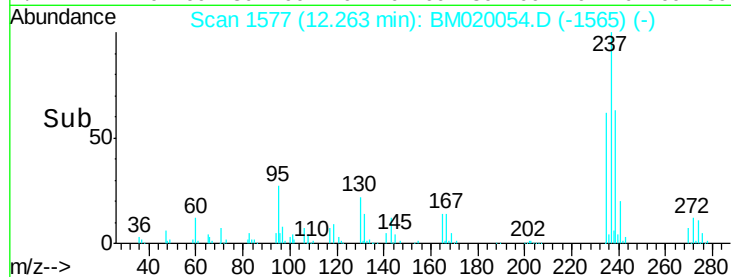
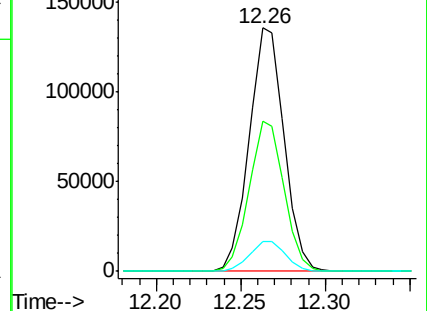
272 12.4 0.0 32.3



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: 124.537 ng

RT: 15.67 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

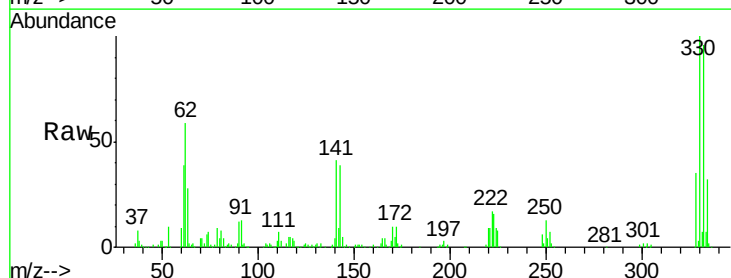
Tgt Ion:330 Resp: 441859

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

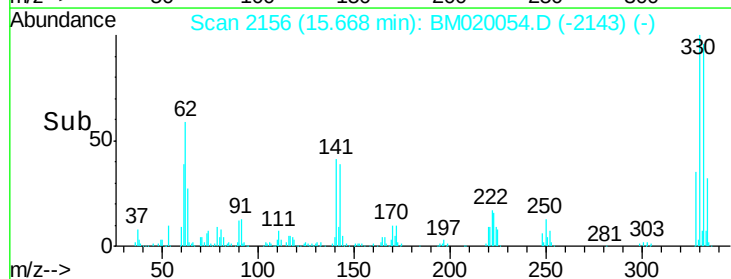
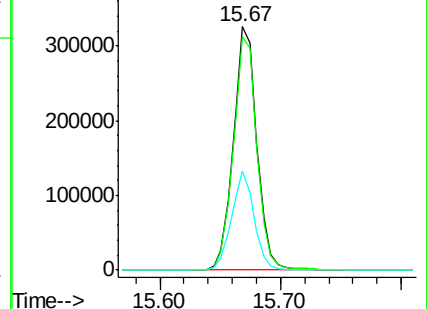
141 39.0 29.0 43.4

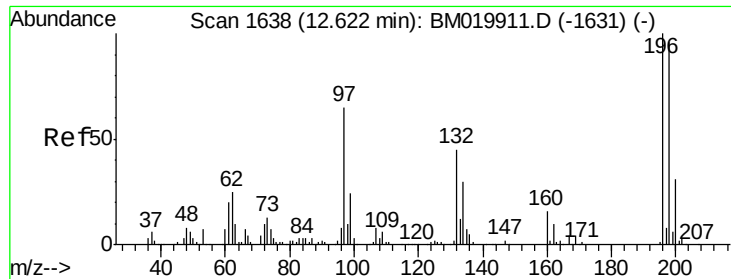


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

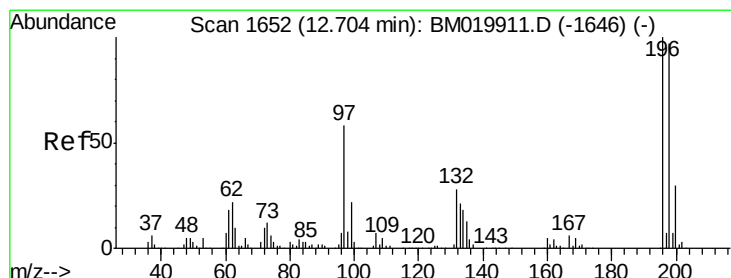
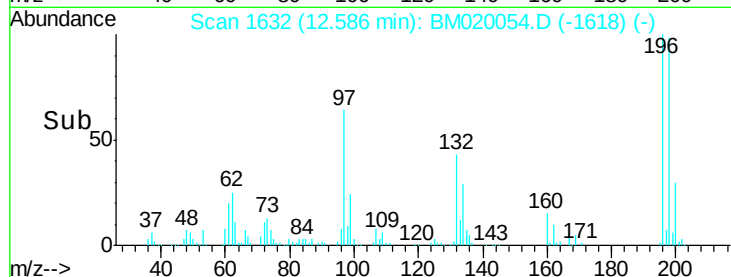
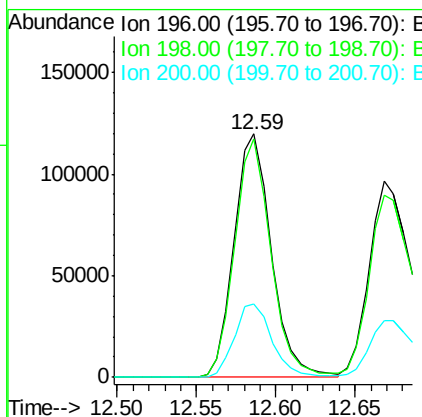
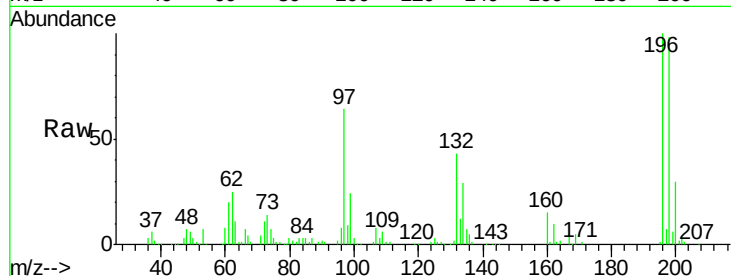




#43
 2,4,6-Trichlorophenol
 Concen: 42.565 ng
 RT: 12.59 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

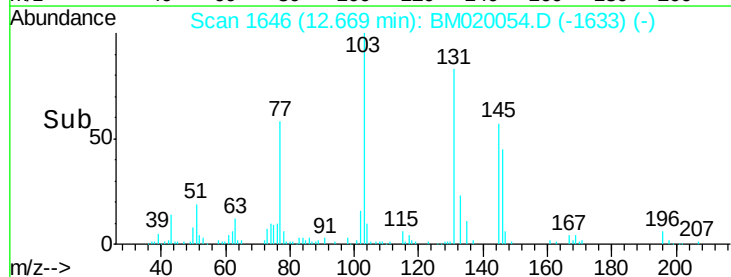
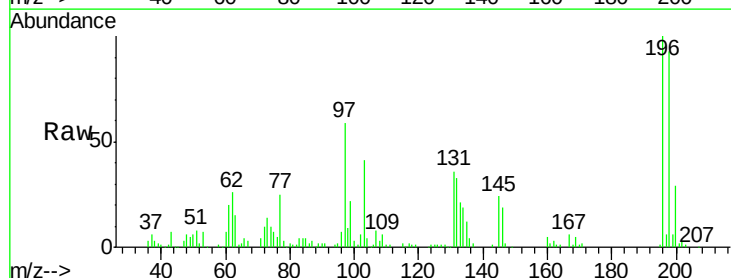
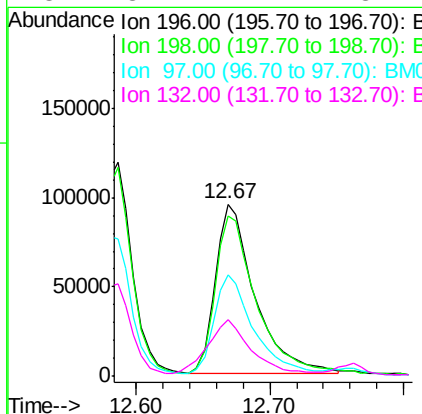
Instrument :
 BNA_M
 ClientSampled :

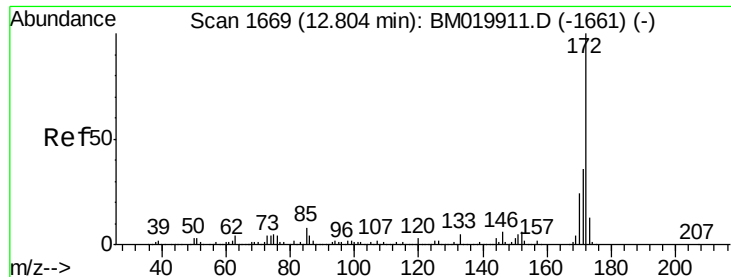
Tot Ion:196 Resp: 196220
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.8 115.2
 200 29.9 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.975 ng
 RT: 12.67 min Scan# 1646
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

Tgt Ion:196 Resp: 196596
 Ion Ratio Lower Upper
 196 100
 198 93.0 77.8 116.8
 97 59.0 46.2 69.2
 132 32.7 22.7 34.1



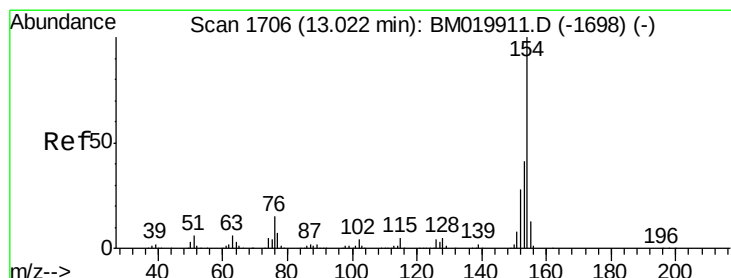
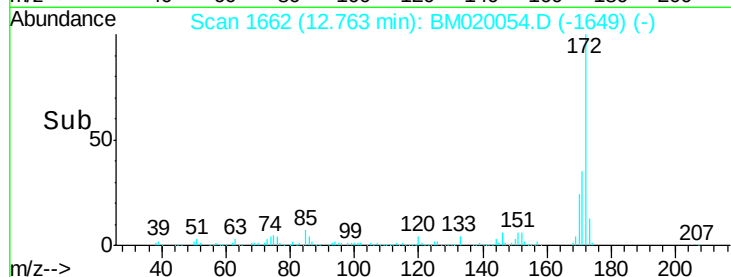
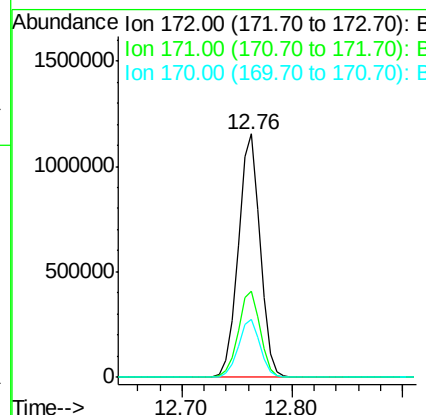
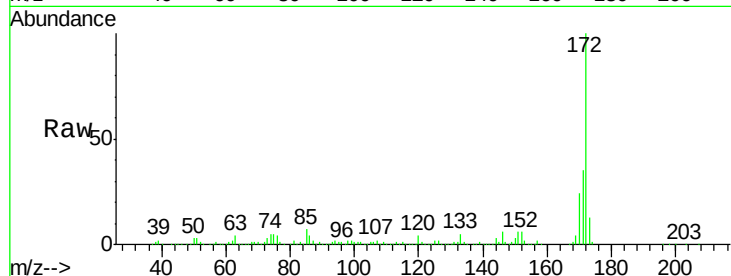


#45
 2-Fluorobiphenyl
 Concen: 90.356 ng
 RT: 12.76 min Scan# 1662
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1598056

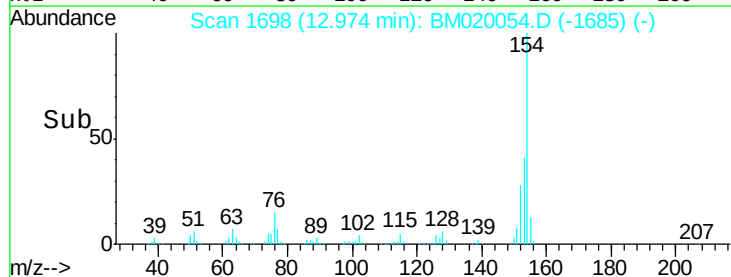
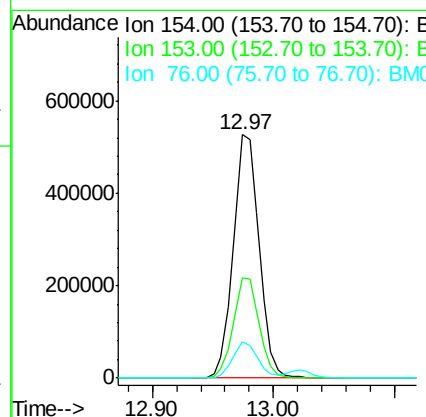
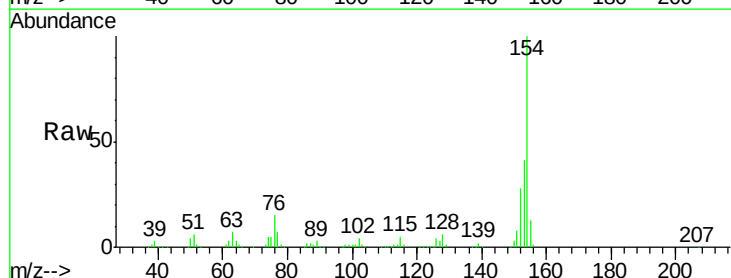
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.7	19.0	28.4

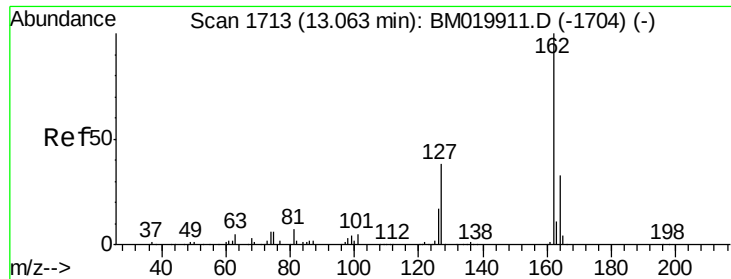


#46
 1,1'-Biphenyl
 Concen: 41.263 ng
 RT: 12.97 min Scan# 1698
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

Tgt Ion:154 Resp: 787733

Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.0	61.0
76	14.8	0.0	34.8

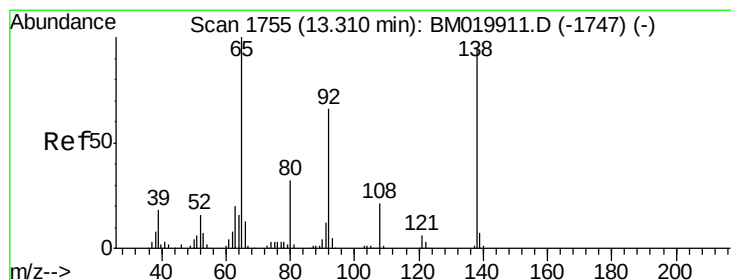
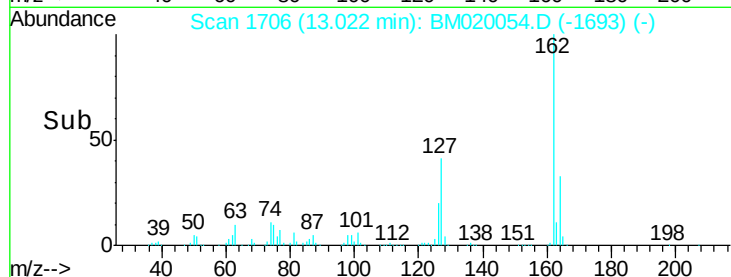
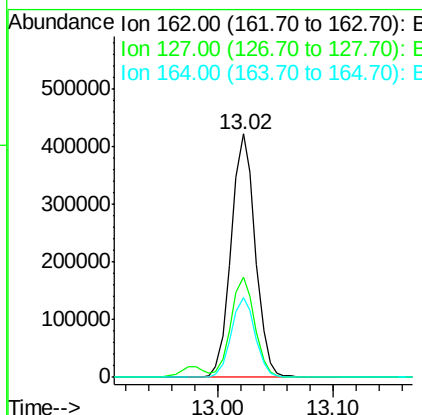
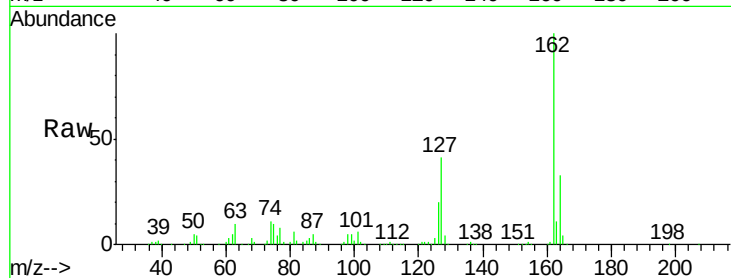




#47
 2-Chloronaphthalene
 Concen: 42.140 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

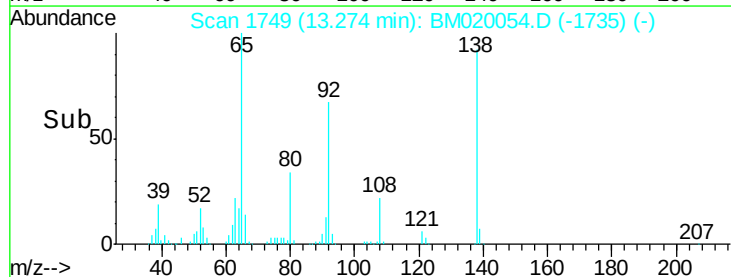
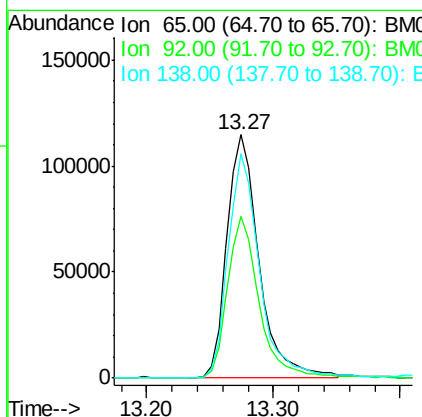
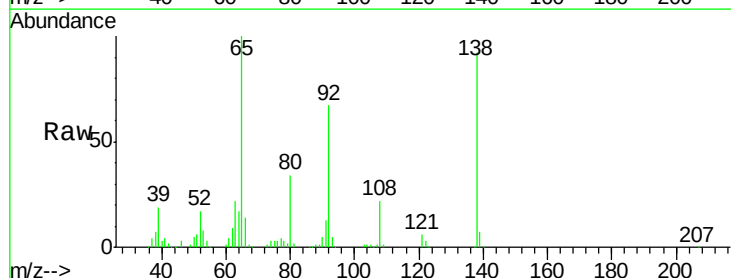
Instrument :
 BNA_M
 ClientSampleId :

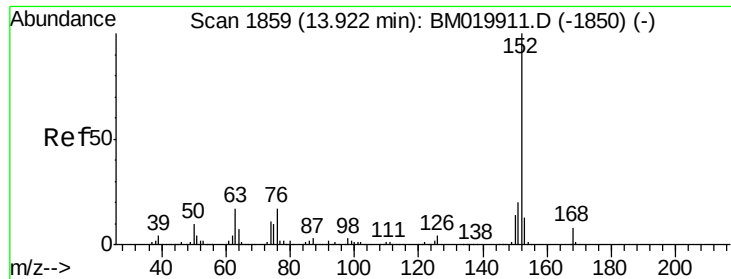
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.3	48.5
164	32.7	26.3	39.5



#48
 2-Nitroaniline
 Concen: 38.478 ng
 RT: 13.27 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	52.9	79.3
138	92.4	75.8	113.6





#49

Acenaphthylene

Concen: 38.044 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampleId :

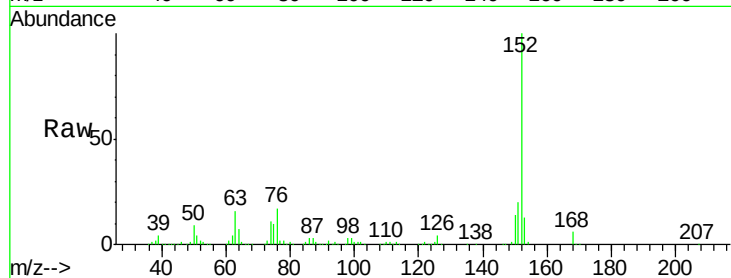
Tot Ion:152 Resp: 963892

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

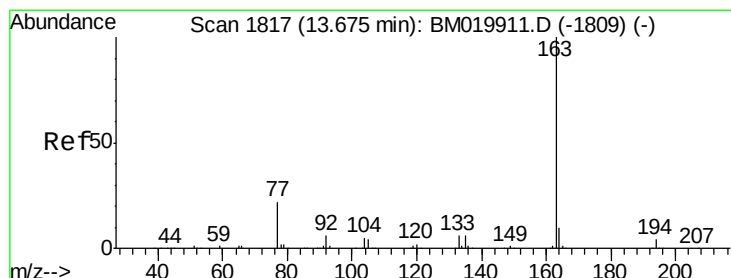
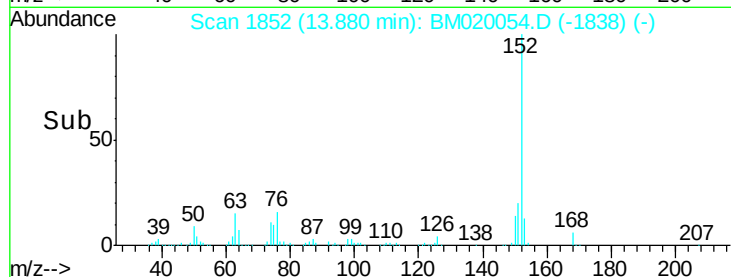
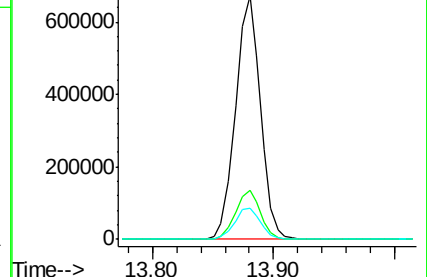
153 13.0 10.6 16.0



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: 38.917 ng

RT: 13.63 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

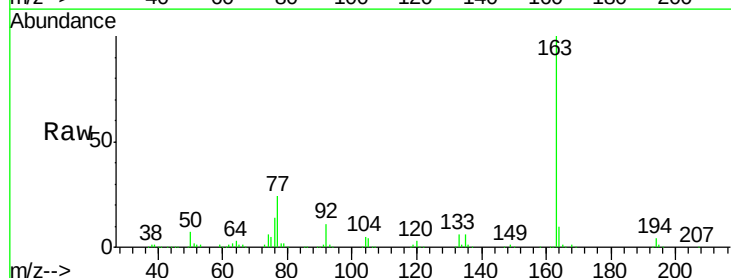
Tgt Ion:163 Resp: 756617

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

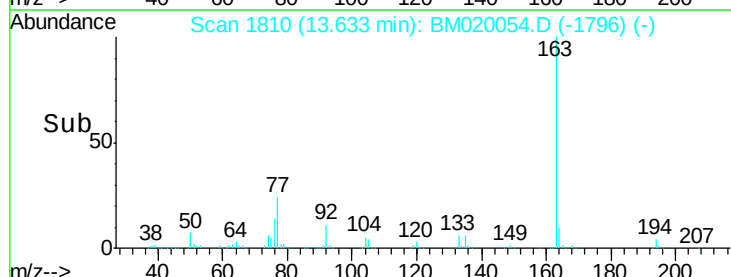
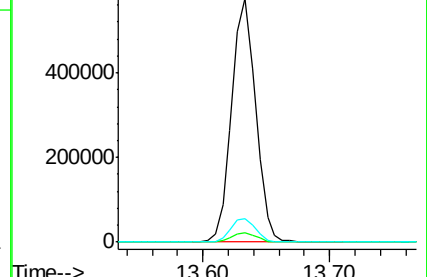
164 9.9 7.9 11.9

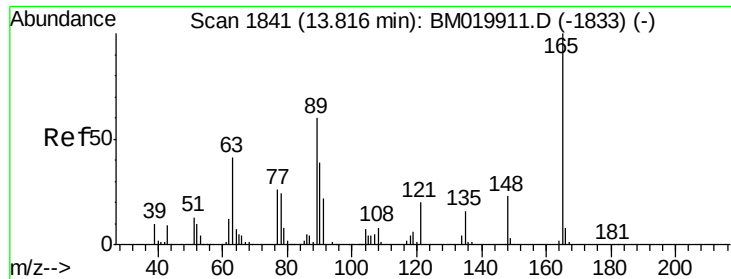


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

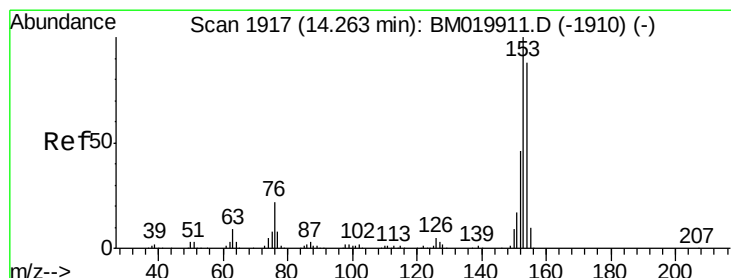
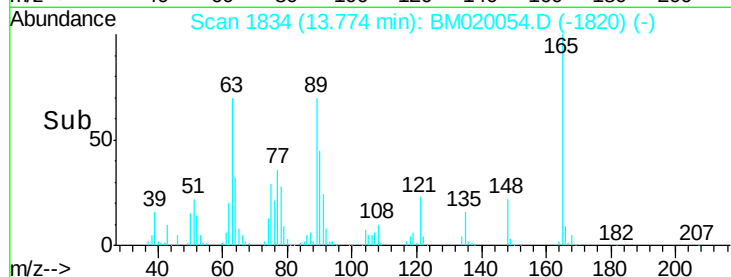
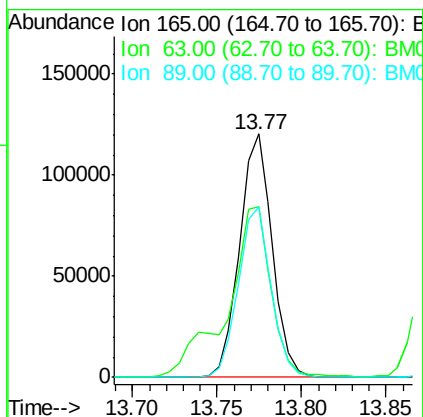
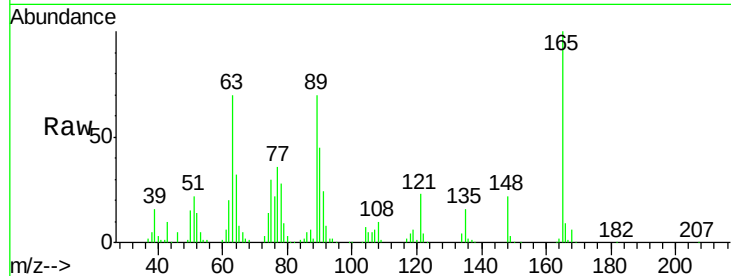




#51
 2,6-Dinitrotoluene
 Concen: 37.524 ng
 RT: 13.77 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

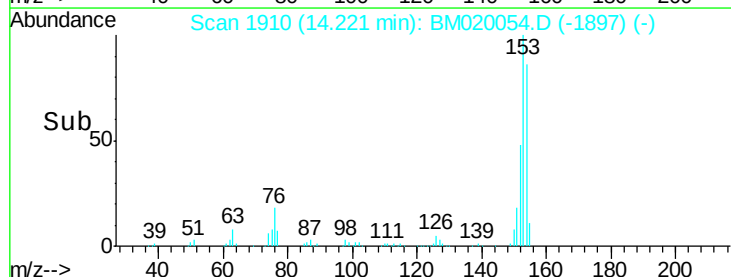
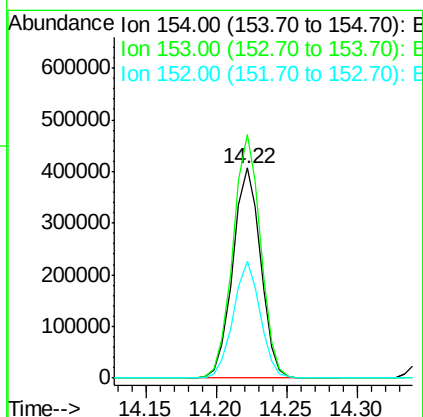
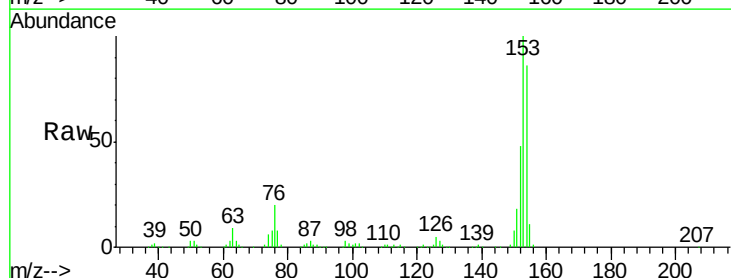
Instrument :
 BNA_M
 ClientSampleId :

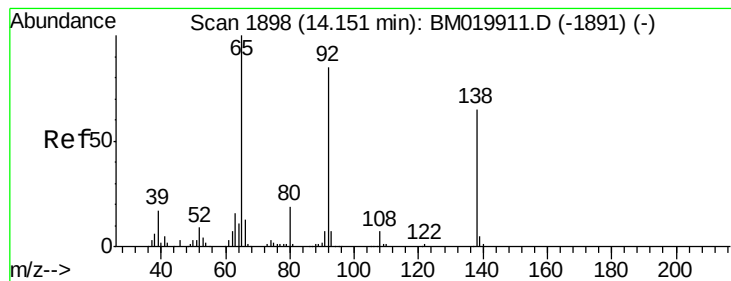
Tot Ion:165 Resp: 161320
 Ion Ratio Lower Upper
 165 100
 63 70.2 48.5 72.7
 89 70.2 48.2 72.4



#52
 Acenaphthene
 Concen: 39.873 ng
 RT: 14.22 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

Tgt Ion:154 Resp: 560138
 Ion Ratio Lower Upper
 154 100
 153 115.8 91.0 136.4
 152 55.4 42.2 63.2





#53

3-Nitroaniline

Concen: 26.405 ng

RT: 14.12 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampled :

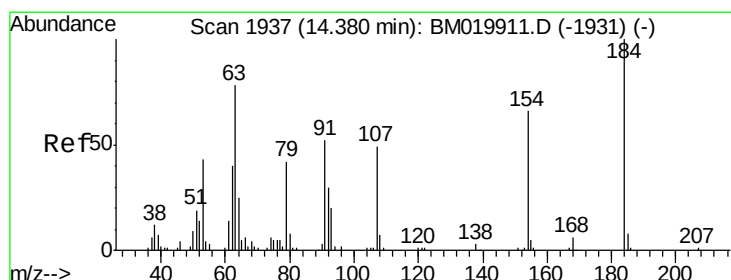
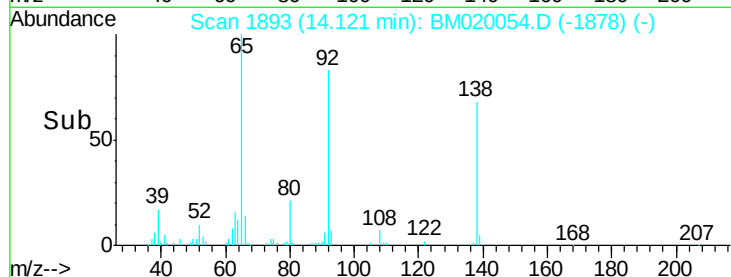
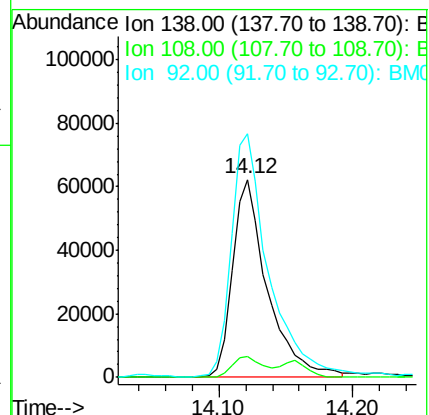
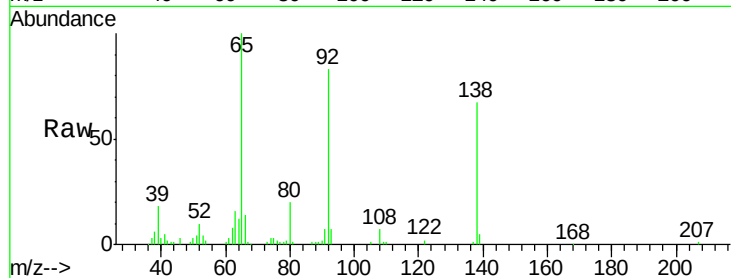
Tot Ion:138 Resp: 113349

Ion Ratio Lower Upper

138 100

108 10.8 8.9 13.3

92 123.1 103.8 155.8



#54

2,4-Dinitrophenol

Concen: 63.563 ng

RT: 14.35 min Scan# 1932

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

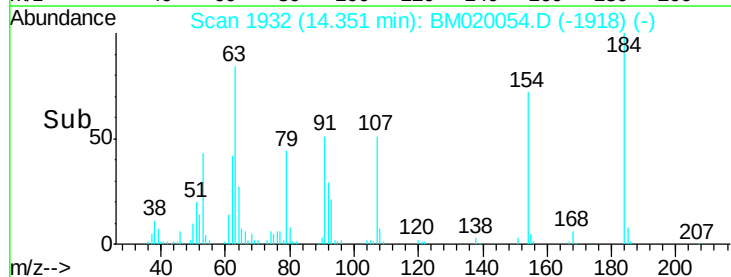
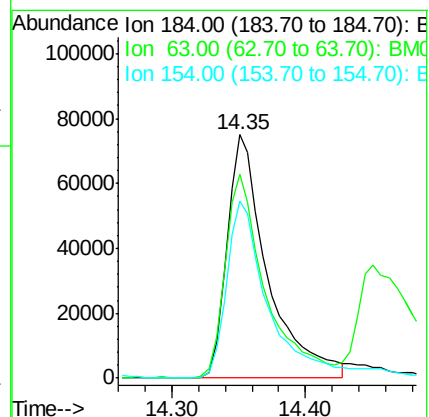
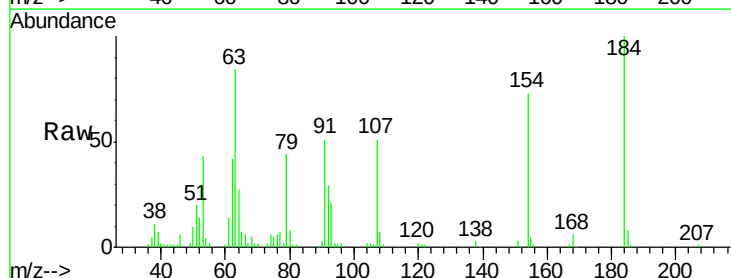
Tgt Ion:184 Resp: 158829

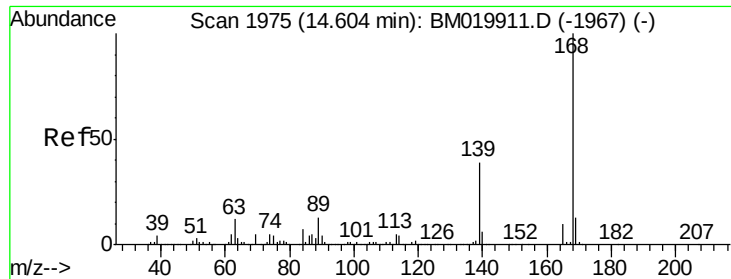
Ion Ratio Lower Upper

184 100

63 83.5 62.3 93.5

154 72.8 53.0 79.6

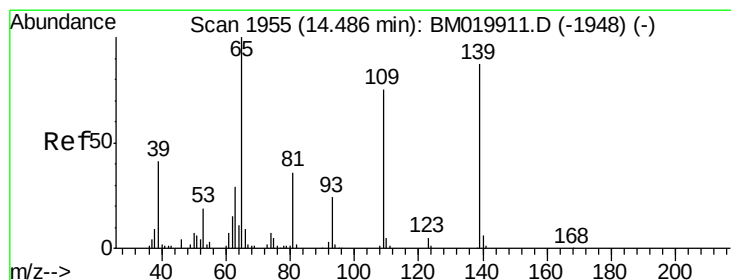
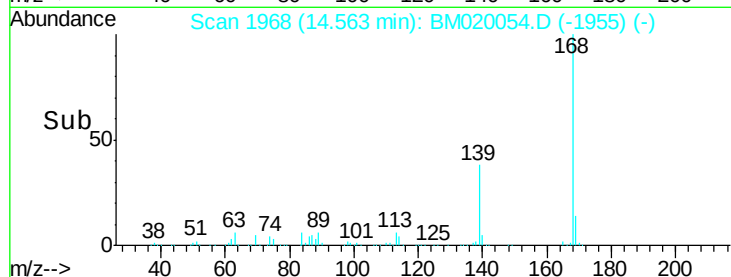
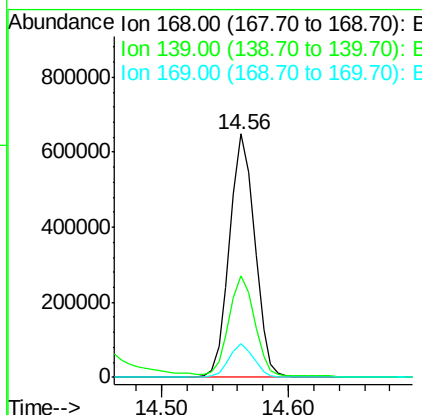
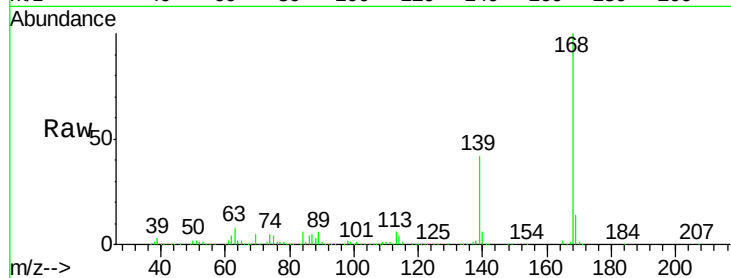




#55
Dibenzenofuran
Concen: 38.962 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

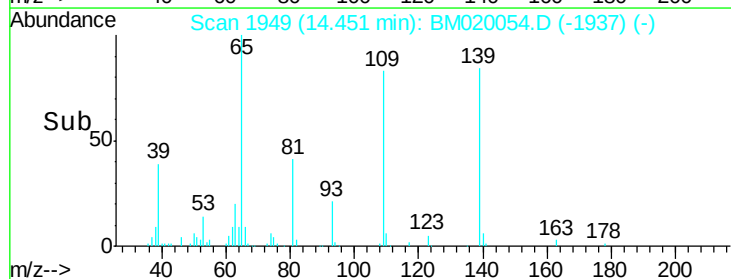
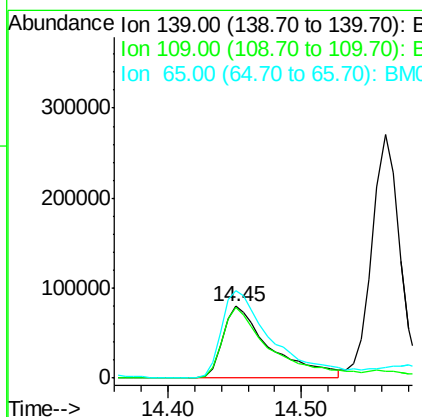
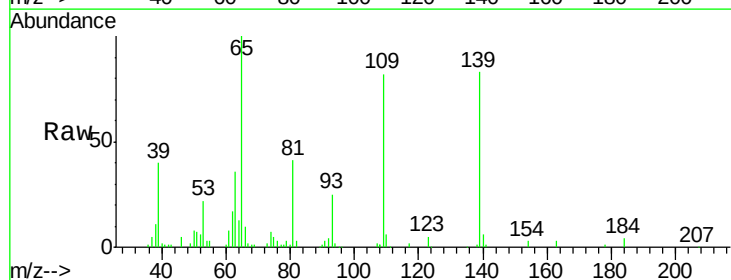
Instrument :
BNA_M
ClientSampleId :

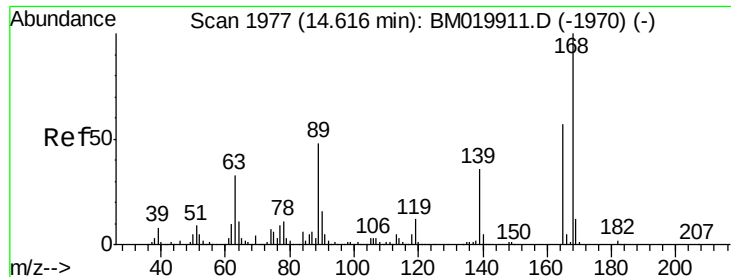
Tot Ion:168 Resp: 895029
Ion Ratio Lower Upper
168 100
139 41.7 31.5 47.3
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 60.120 ng
RT: 14.45 min Scan# 1949
Delta R.T. -0.03 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

Tgt Ion:139 Resp: 198318
Ion Ratio Lower Upper
139 100
109 99.2 65.3 105.3
65 121.0 94.9 134.9

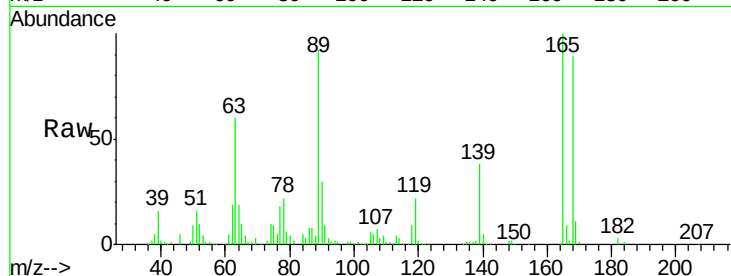




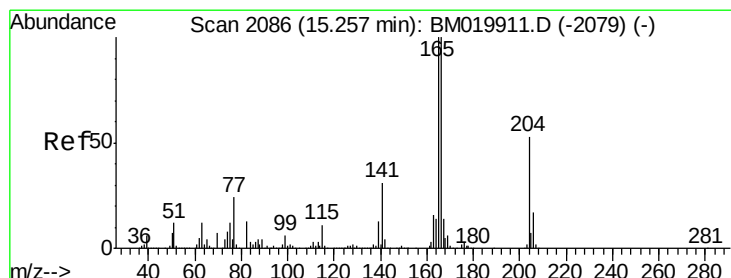
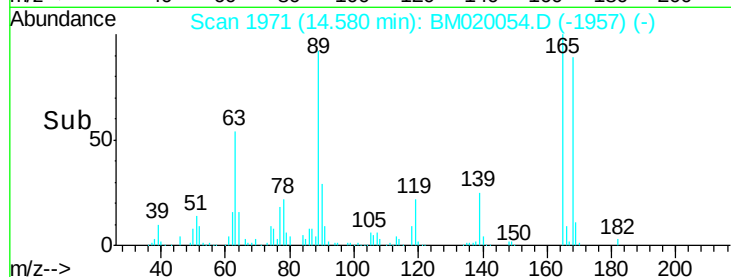
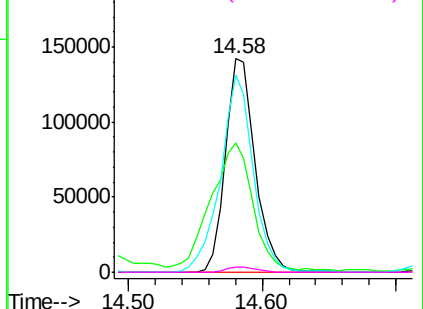
#57
 2,4-Dinitrotoluene
 Concen: 35.986 ng
 RT: 14.58 min Scan# 1971
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:165 Resp: 222381
 Ion Ratio Lower Upper
 165 100
 63 60.3 46.0 69.0
 89 92.0 67.5 101.3
 182 2.7 2.4 3.6

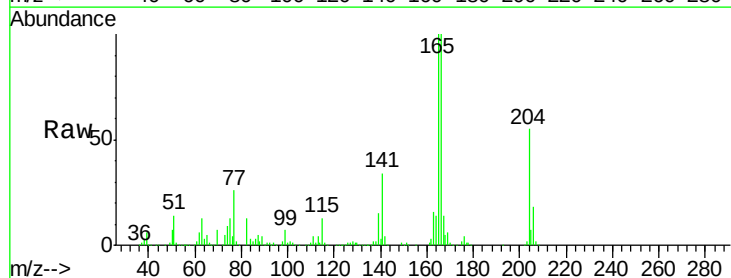


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

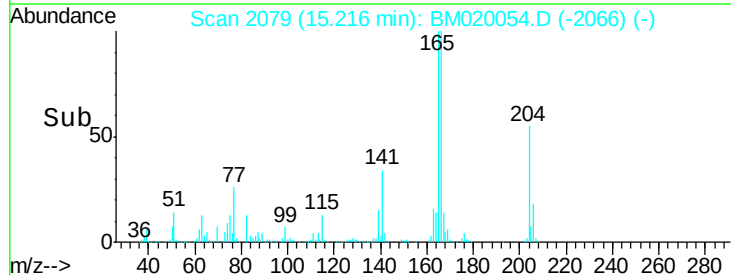
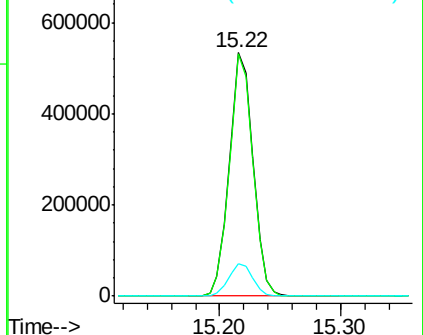


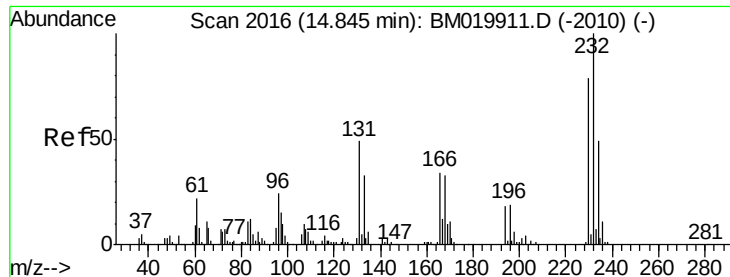
#58
 Fluorene
 Concen: 37.698 ng
 RT: 15.22 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

Tgt Ion:166 Resp: 733791
 Ion Ratio Lower Upper
 166 100
 165 99.7 80.1 120.1
 167 13.5 11.0 16.4



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

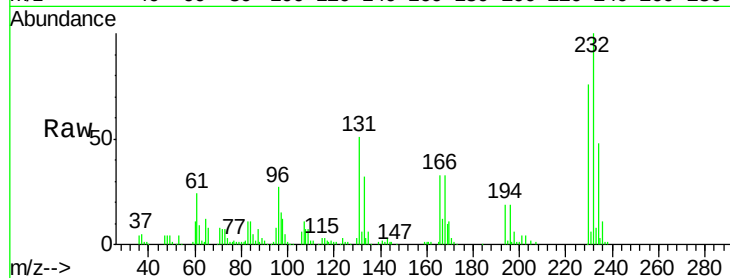




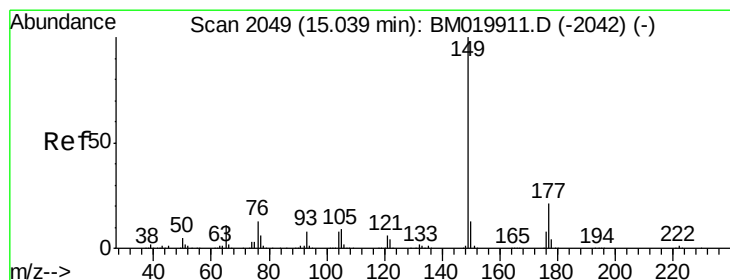
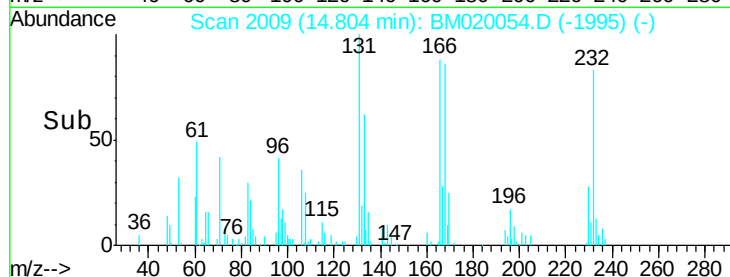
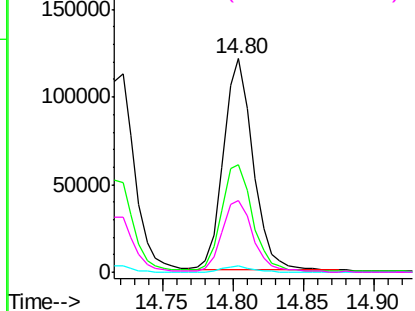
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.272 ng
 RT: 14.80 min Scan# 2009
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	232	Resp:	176305
Ion	Ratio	Lower	Upper
232	100		
131	52.7	42.1	63.1
130	3.0	2.2	3.4
166	36.3	28.1	42.1

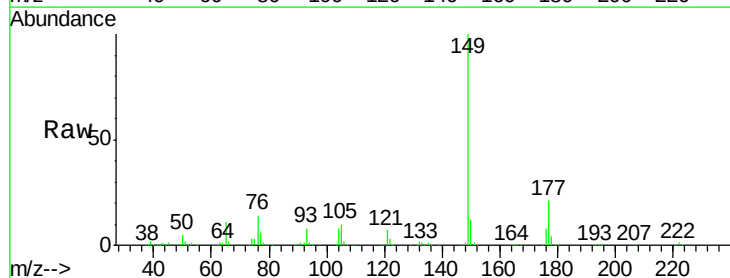


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

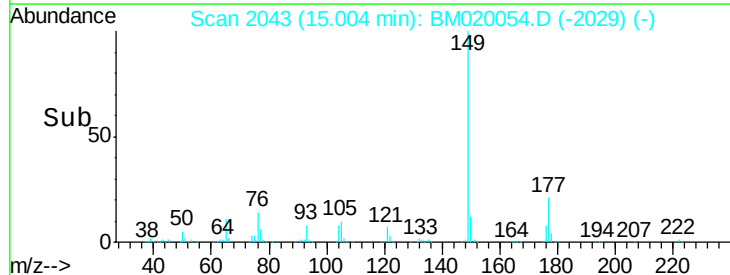
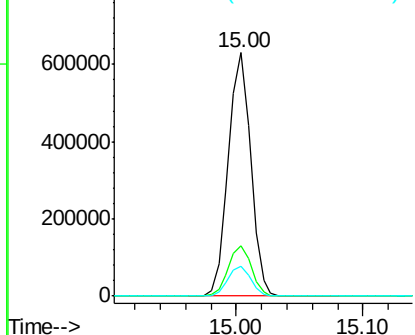


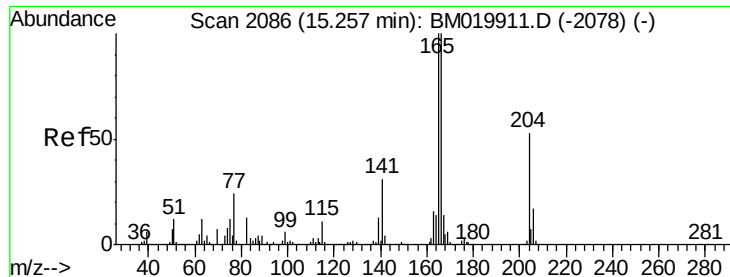
#60
 Diethylphthalate
 Concen: 38.222 ng
 RT: 15.00 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

Tgt Ion:	149	Resp:	772862
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

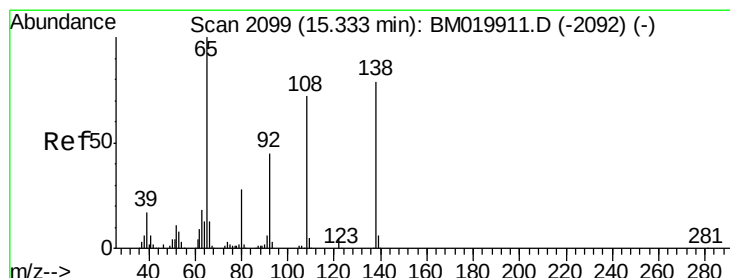
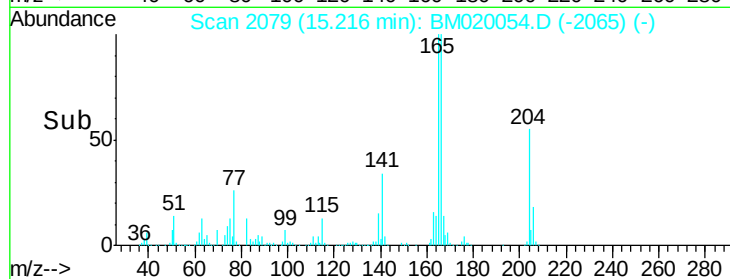
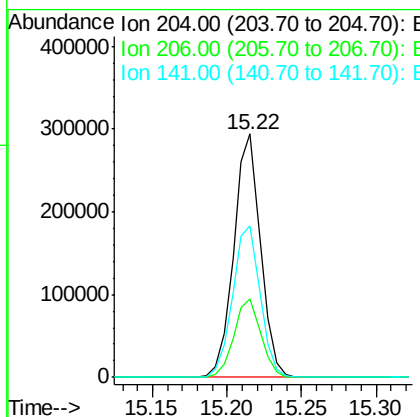
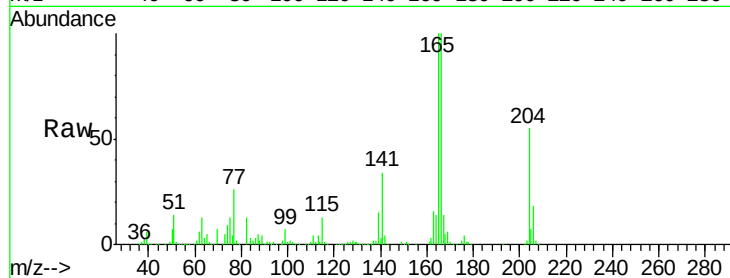




#61
4-Chlorophenyl-phenylether
Concen: 39.219 ng
RT: 15.22 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

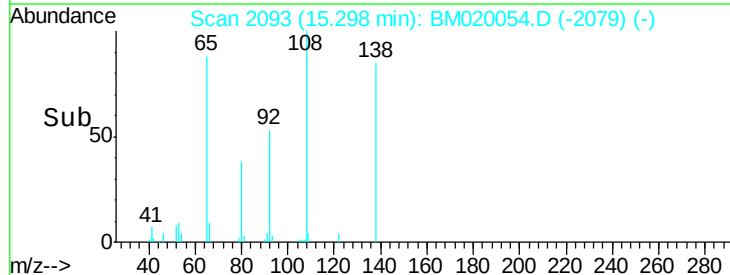
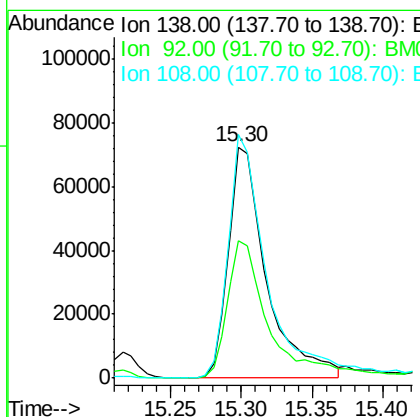
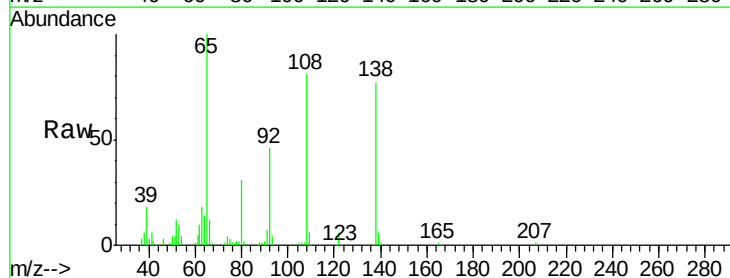
Instrument :
BNA_M
ClientSampleId :

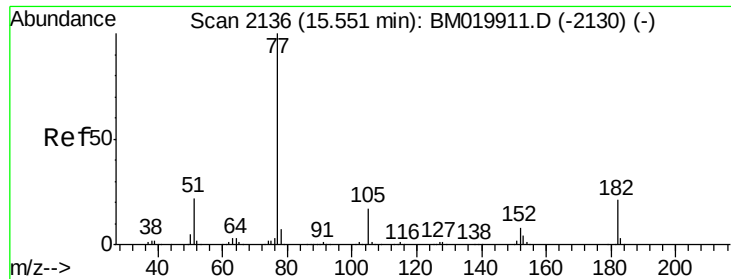
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	62.0	47.0	70.4



#62
4-Nitroaniline
Concen: 32.432 ng
RT: 15.30 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.3	36.8	76.8
108	105.4	71.5	111.5





#63

Azobenzene

Concen: 39.683 ng

RT: 15.51 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 857589

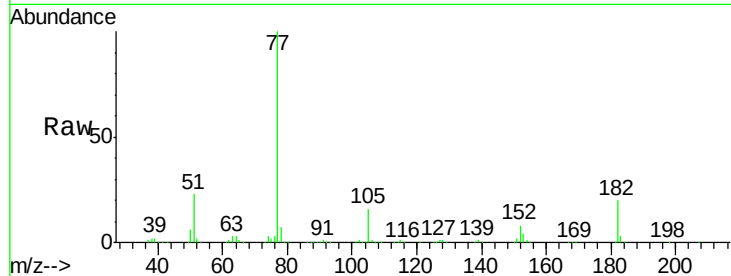
Ion Ratio Lower Upper

77 100

182 20.3 1.0 41.0

105 16.2 0.0 37.1

51 22.6 2.1 42.1

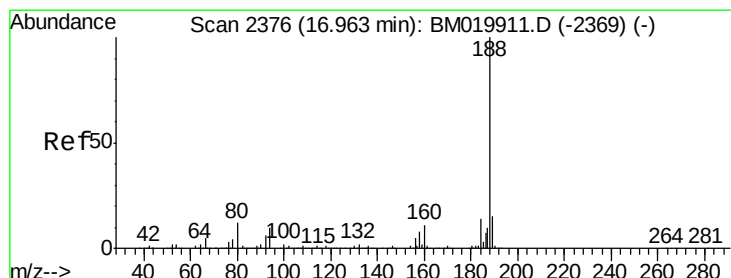
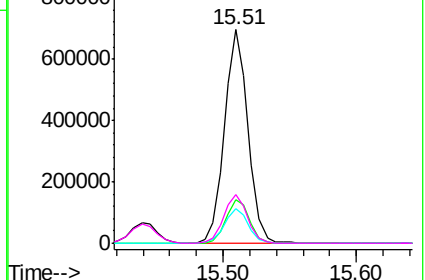
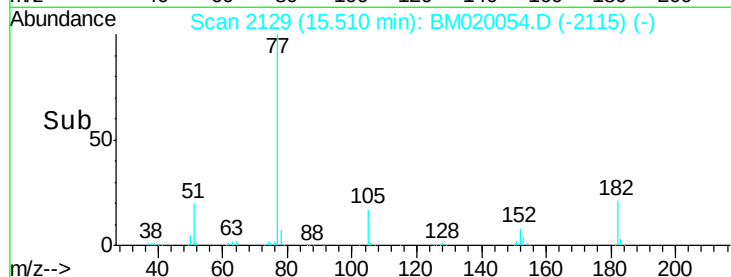


Abundance Ion 77.00 (76.70 to 77.70): BM0

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: BM020054.D

Acq: 24 Apr 2019 03:02

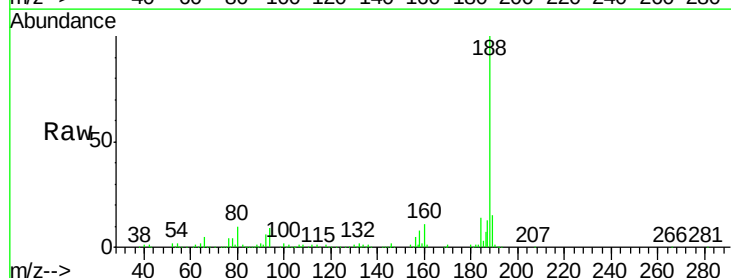
Tgt Ion: 188 Resp: 454725

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

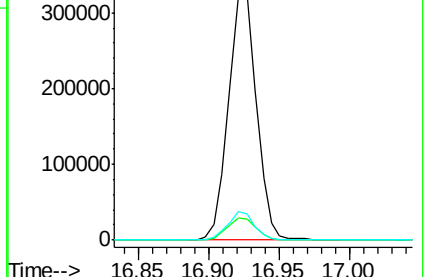
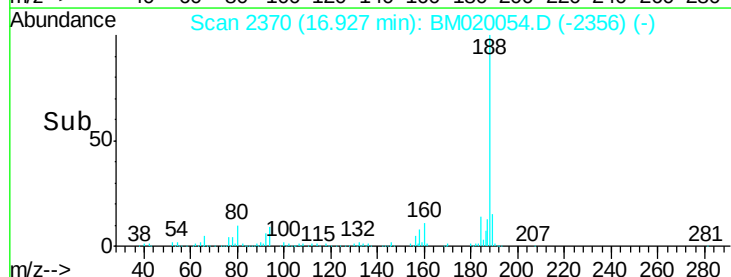
80 10.4 9.4 14.0

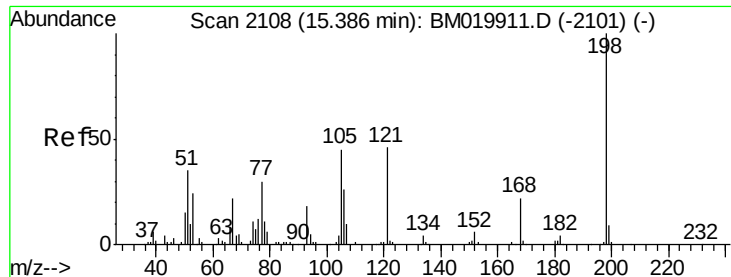


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

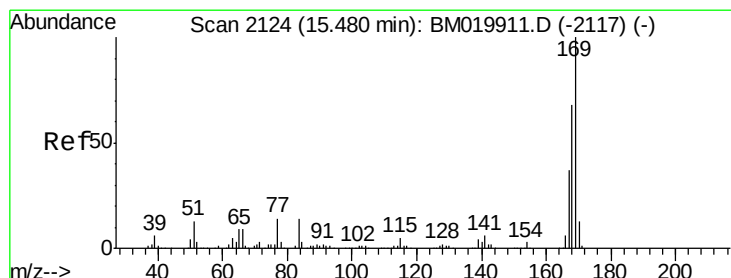
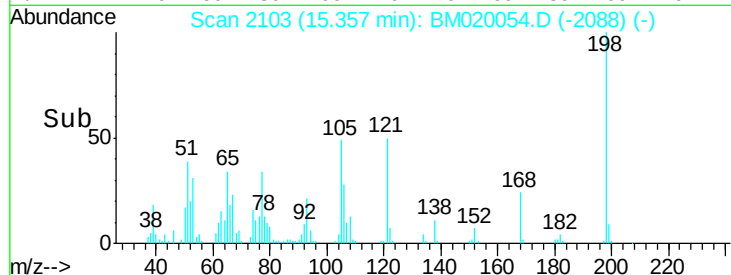
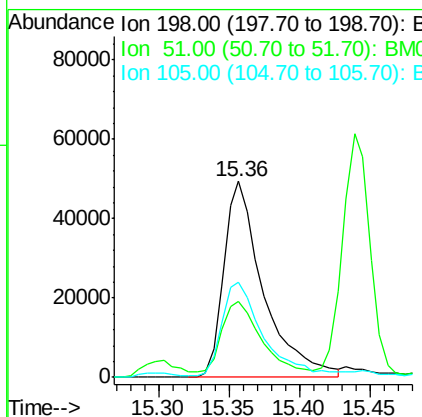
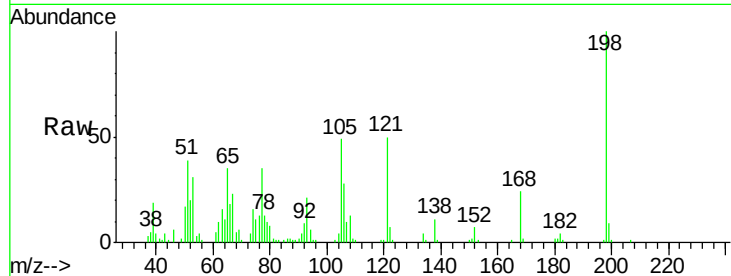




#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.237 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

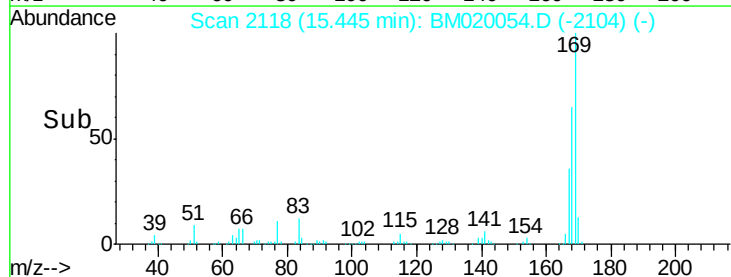
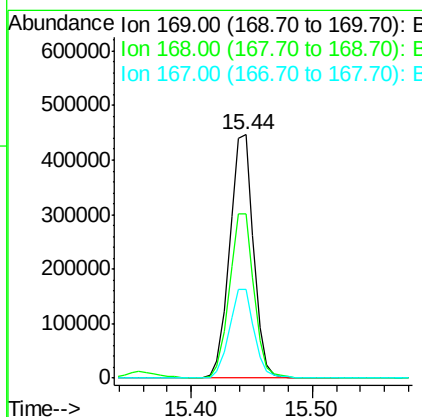
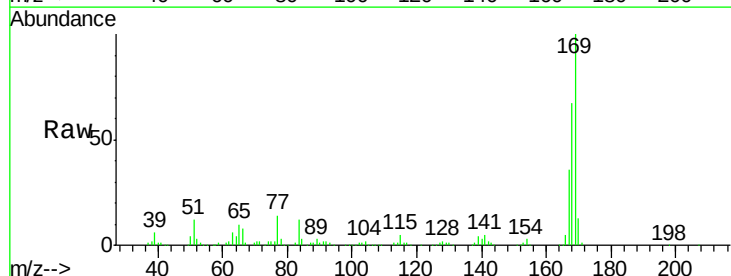
Instrument :
 BNA_M
 ClientSampled :

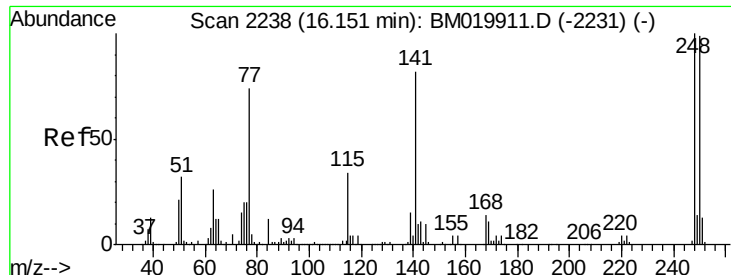
Tot Ion:198 Resp: 96431
 Ion Ratio Lower Upper
 198 100
 51 38.6 17.9 57.9
 105 48.5 26.1 66.1



#66
 n-Nitrosodiphenylamine
 Concen: 41.264 ng
 RT: 15.44 min Scan# 2118
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

Tgt Ion:169 Resp: 613437
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.7 82.1
 167 36.3 29.4 44.0

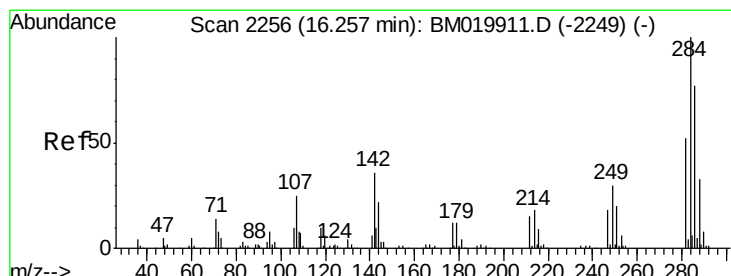
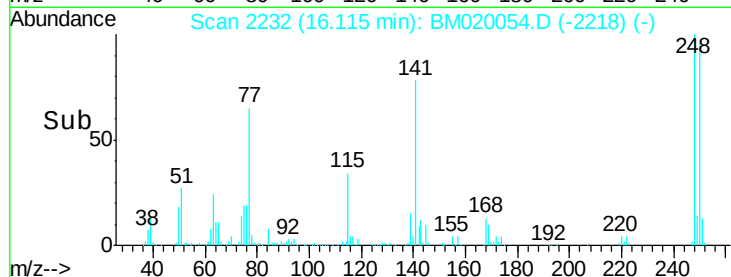
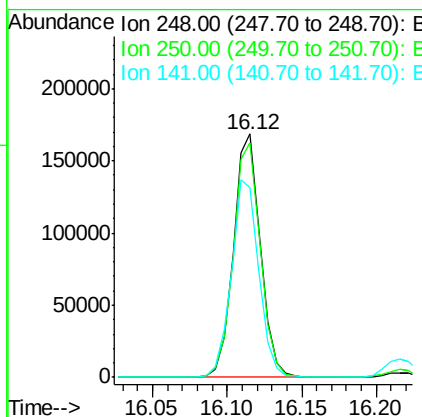
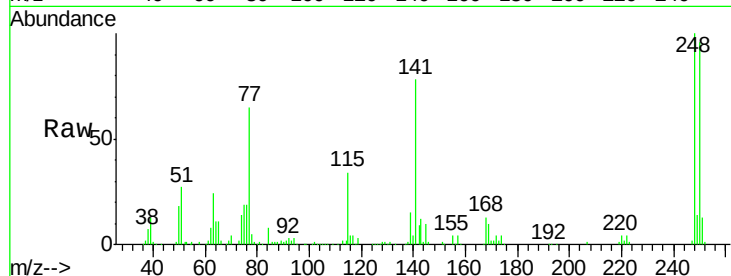




#67
 4-Bromophenyl-phenylether
 Concen: 40.517 ng
 RT: 16.12 min Scan# 2232
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

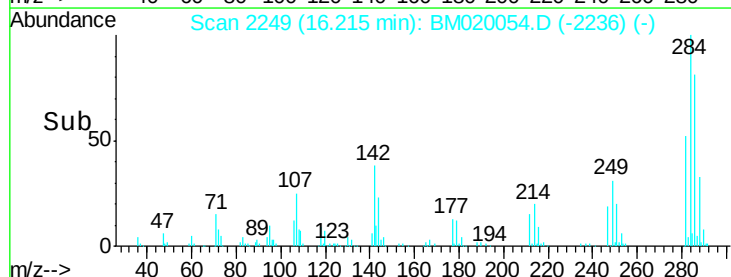
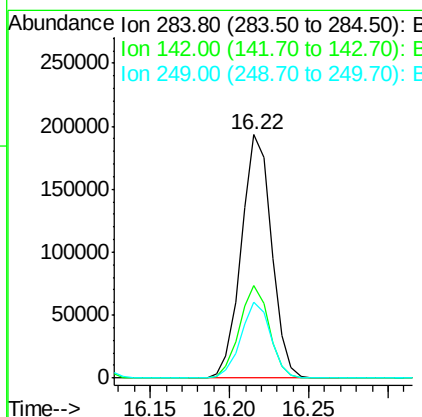
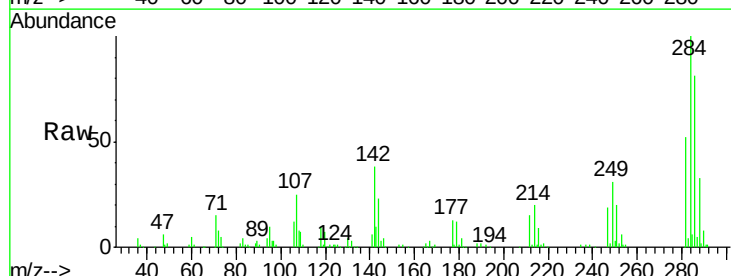
Instrument :
 BNA_M
 ClientSampled :

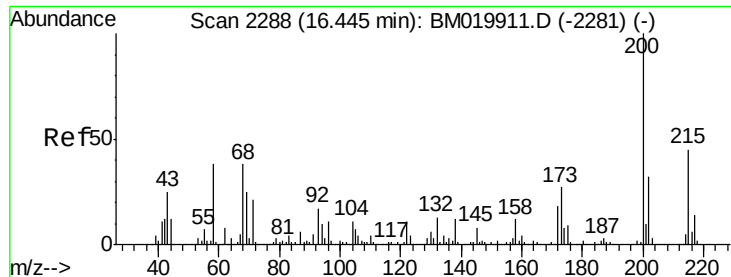
Tot Ion:248 Resp: 211823
 Ion Ratio Lower Upper
 248 100
 250 96.3 78.9 118.3
 141 78.0 65.6 98.4



#68
 Hexachlorobenzene
 Concen: 40.823 ng
 RT: 16.22 min Scan# 2249
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

Tgt Ion:284 Resp: 256086
 Ion Ratio Lower Upper
 284 100
 142 38.2 28.9 43.3
 249 31.3 23.8 35.6





#69

Atrazine

Concen: 40.321 ng

RT: 16.41 min Scan# 2282

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampleId :

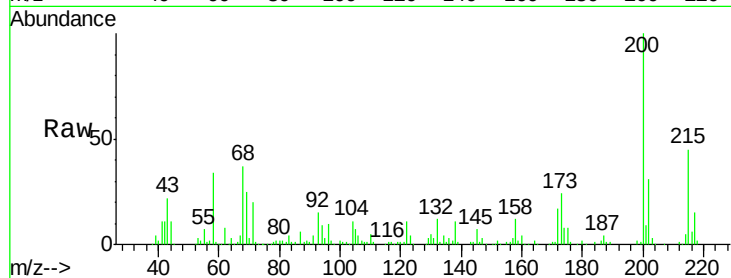
Tot Ion:200 Resp: 203485

Ion Ratio Lower Upper

200 100

173 24.5 7.2 47.2

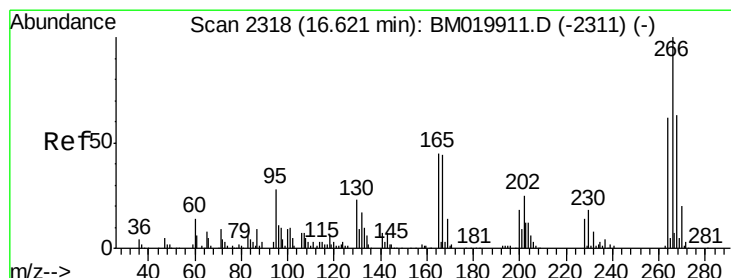
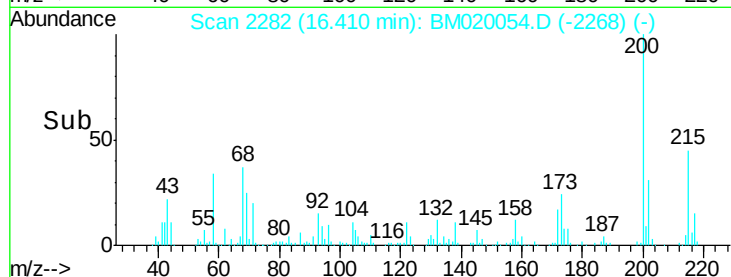
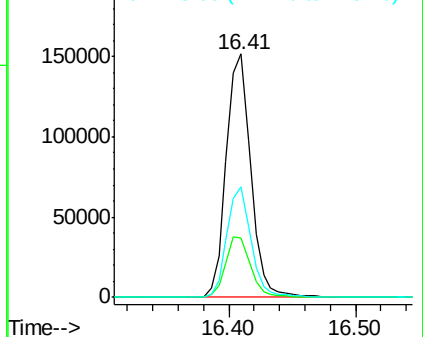
215 45.3 25.4 65.4



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: 76.273 ng

RT: 16.59 min Scan# 2312

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

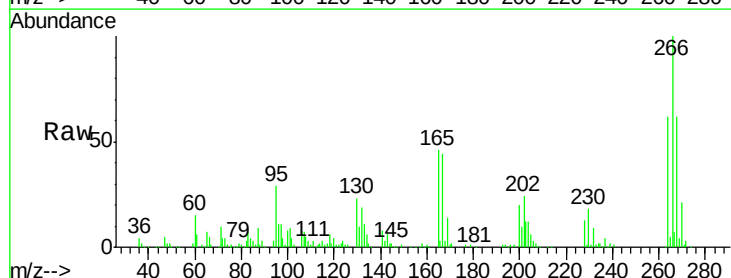
Tgt Ion:266 Resp: 244470

Ion Ratio Lower Upper

266 100

268 62.1 50.3 75.5

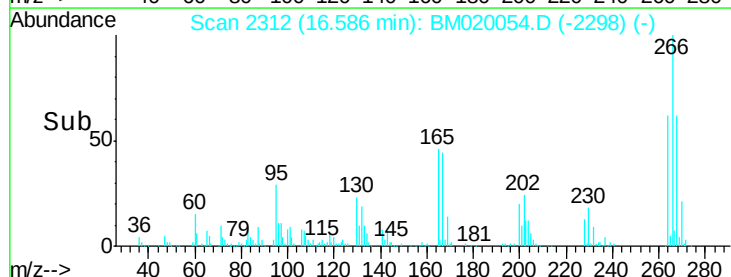
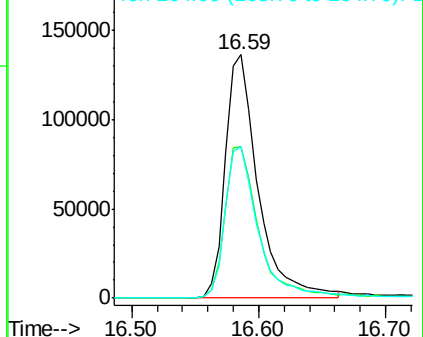
264 62.2 49.8 74.8

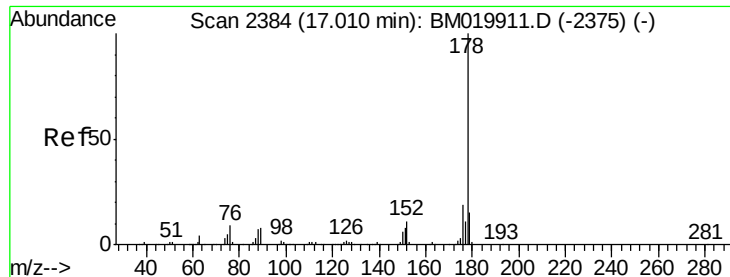


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.718 ng

RT: 16.97 min Scan# 2377

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampleId :

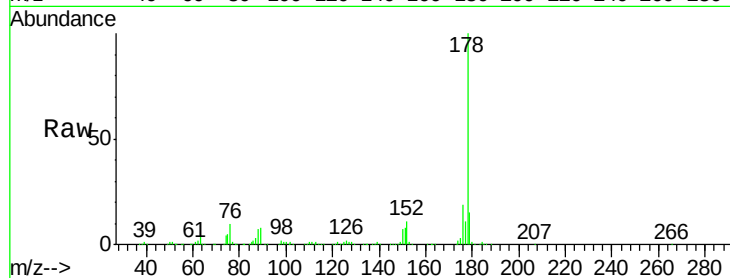
Tot Ion:178 Resp: 1071772

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

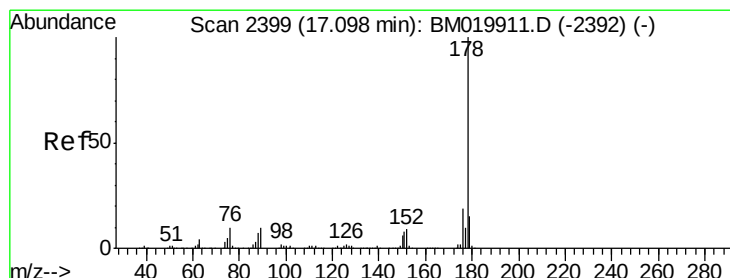
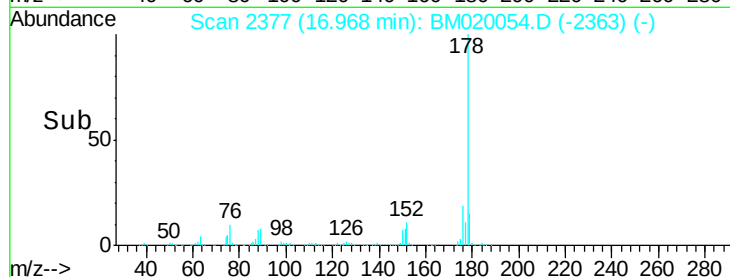
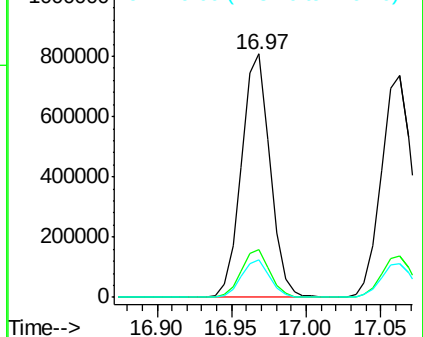
179 15.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.692 ng

RT: 17.06 min Scan# 2393

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

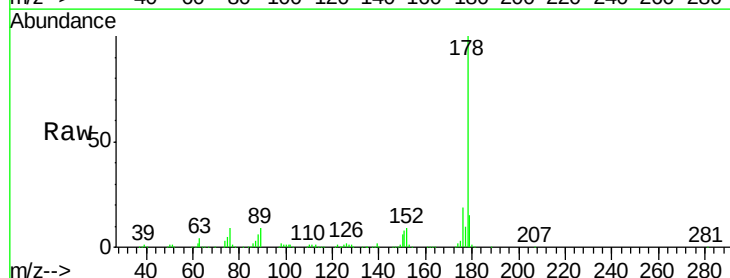
Tgt Ion:178 Resp: 1093048

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

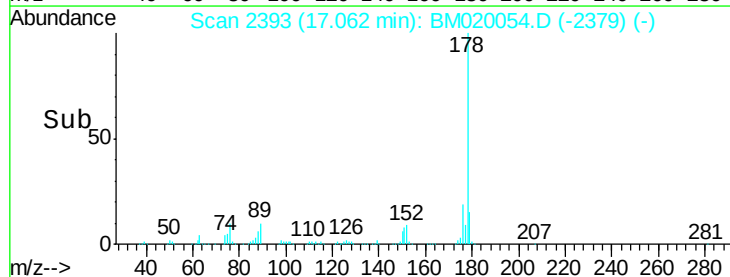
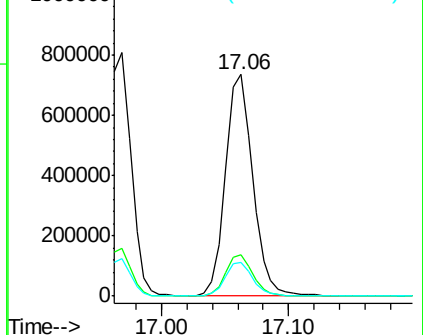
179 14.9 12.2 18.4

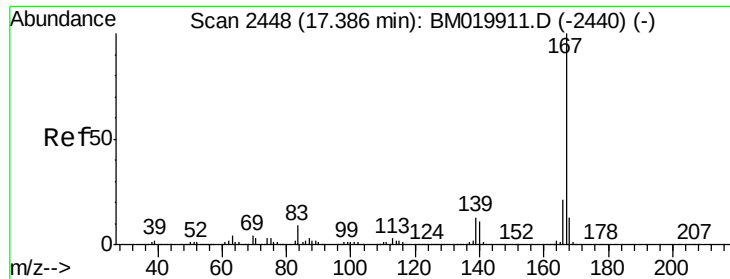


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

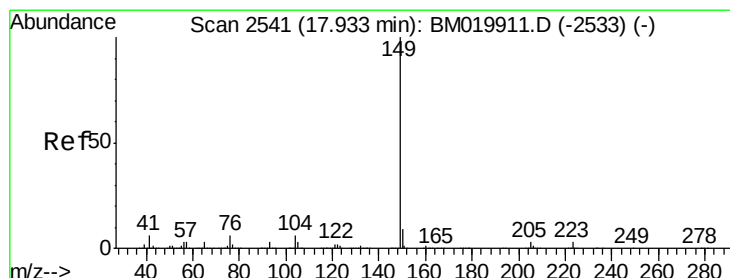
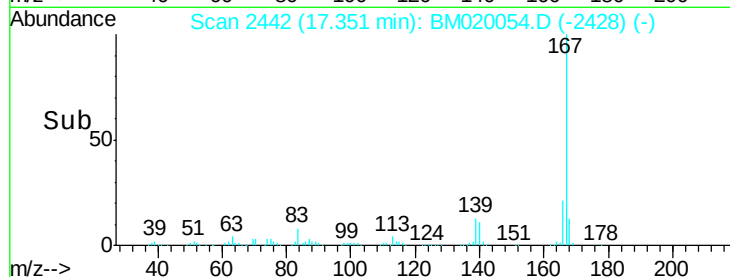
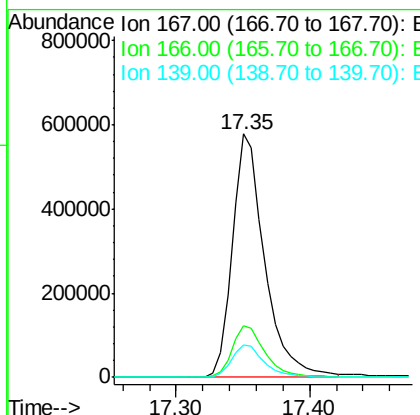
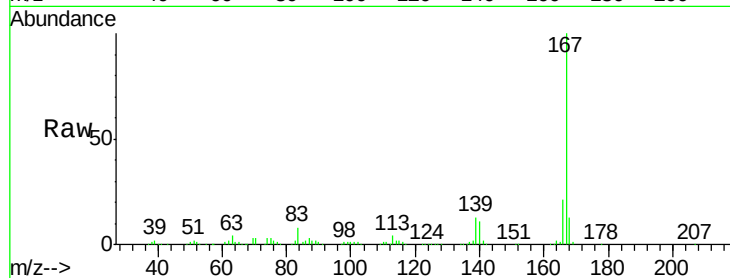




#73
 Carbazole
 Concen: 38.854 ng
 RT: 17.35 min Scan# 2442
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

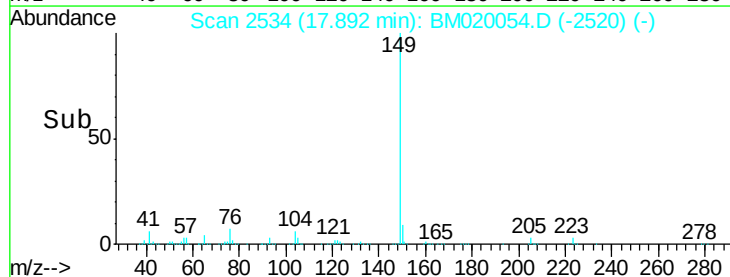
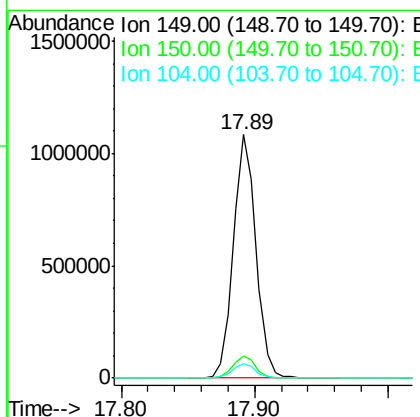
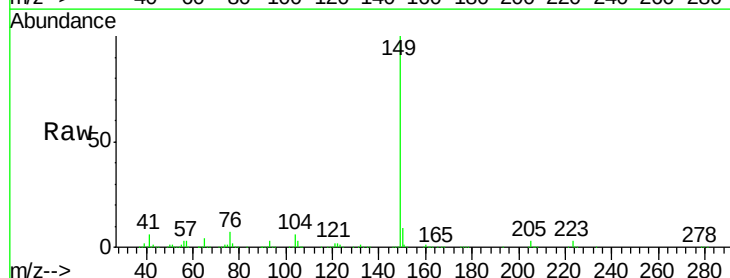
Instrument :
 BNA_M
 ClientSampled :

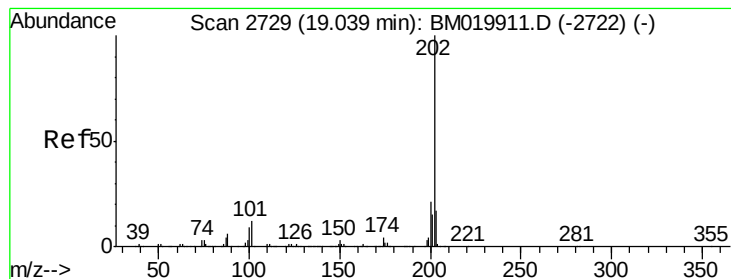
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	13.5	10.7	16.1



#74
 Di-n-butylphthalate
 Concen: 38.864 ng
 RT: 17.89 min Scan# 2534
 Delta R.T. -0.02 min
 Lab File: BM020054.D
 Acq: 24 Apr 2019 03:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	6.1	4.6	7.0





#75

Fluoranthene

Concen: 40.399 ng

RT: 19.00 min Scan# 2723

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampleId :

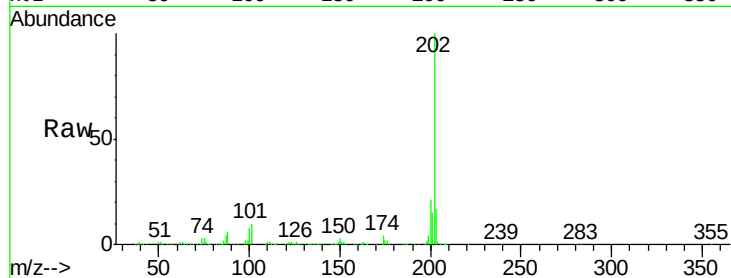
Tot Ion:202 Resp: 1254579

Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.7

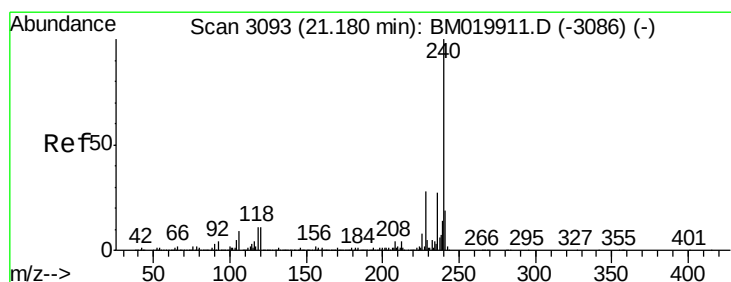
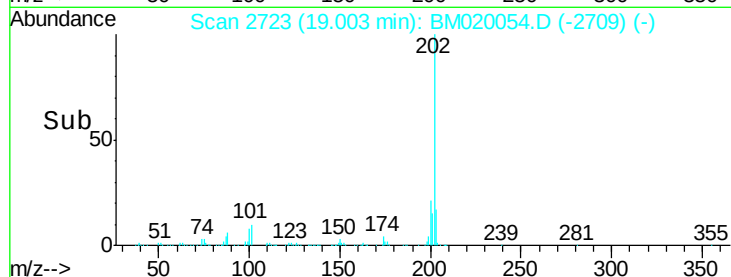
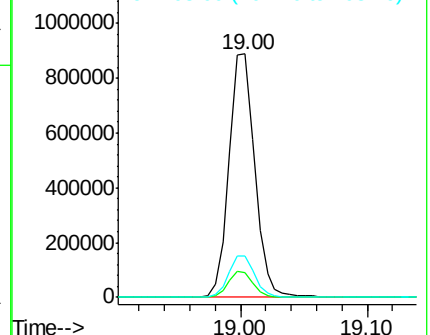
203 17.0 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3087

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

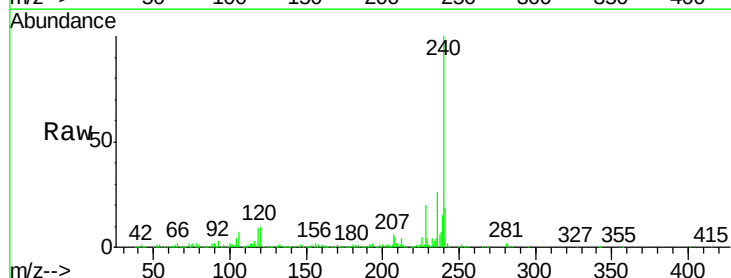
Tgt Ion:240 Resp: 548022

Ion Ratio Lower Upper

240 100

120 9.7 8.6 13.0

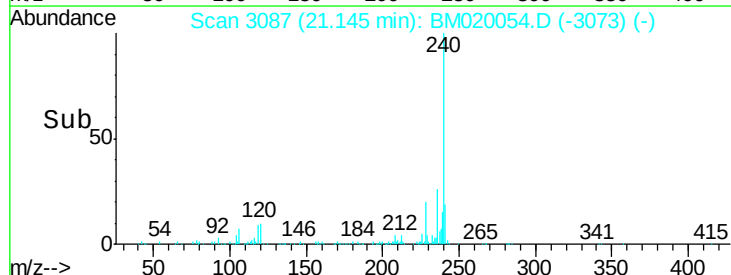
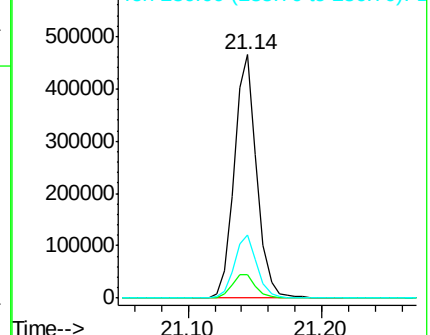
236 25.8 21.4 32.2

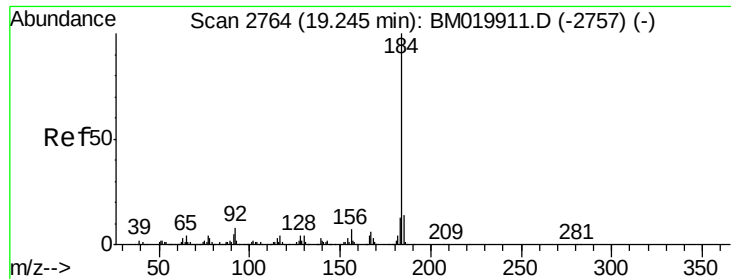


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

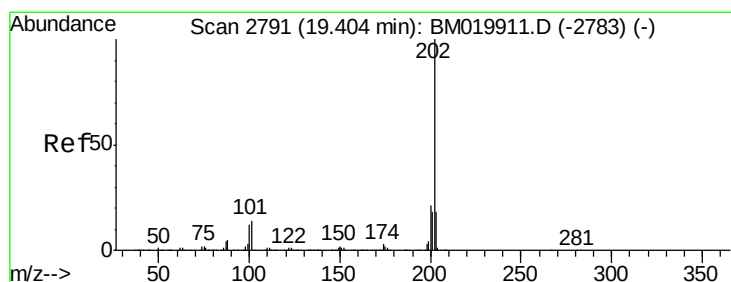
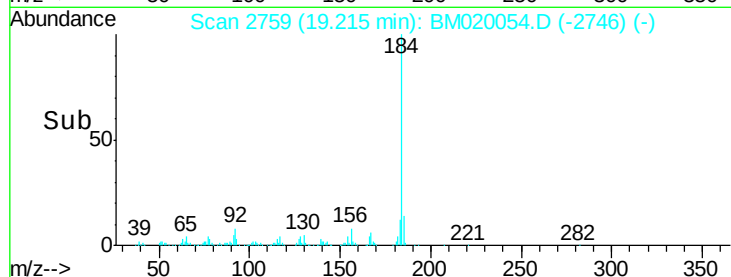
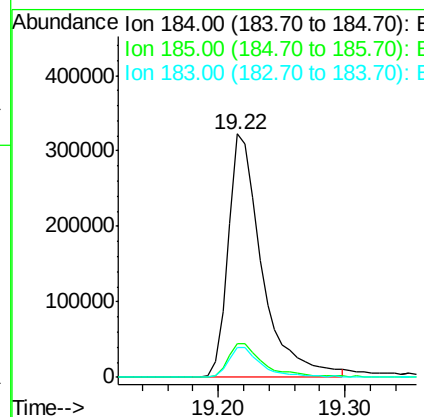
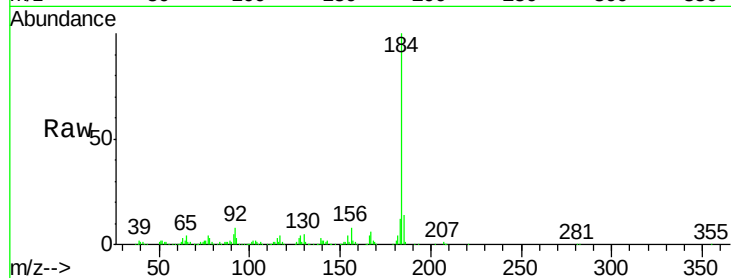




#77
Benzidine
Concen: 39.458 ng
RT: 19.22 min Scan# 2759
Delta R.T. -0.02 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

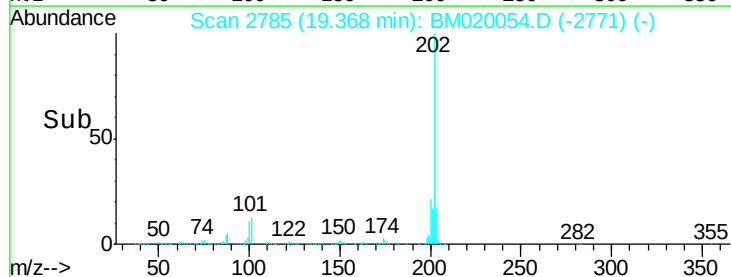
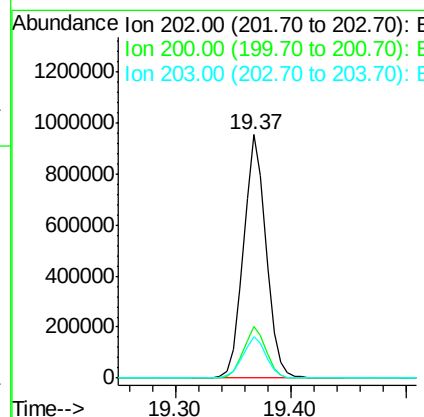
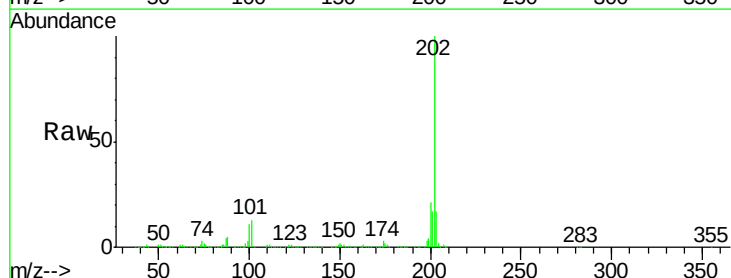
Instrument :
BNA_M
ClientSampleId :

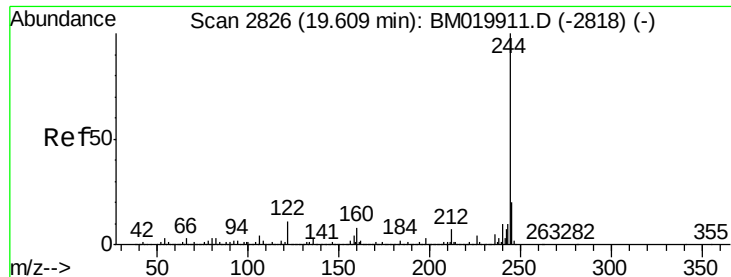
Tot Ion:184 Resp: 596627
Ion Ratio Lower Upper
184 100
185 13.8 11.0 16.6
183 12.1 10.1 15.1



#78
Pyrene
Concen: 35.754 ng
RT: 19.37 min Scan# 2785
Delta R.T. -0.02 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

Tgt Ion:202 Resp: 1297557
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.2 14.0 21.0





#79

Terphenyl-d14

Concen: 78.680 ng

RT: 19.57 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

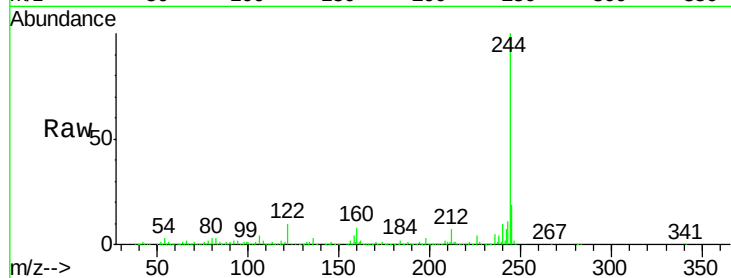
Instrument :

BNA_M

ClientSampled :

Tot Ion:244 Resp: 2444607

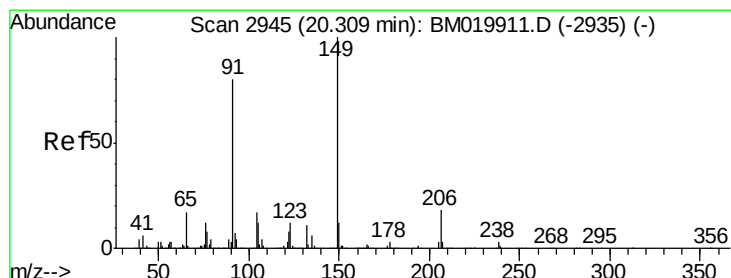
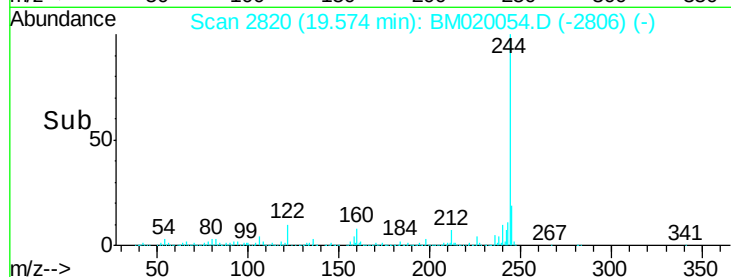
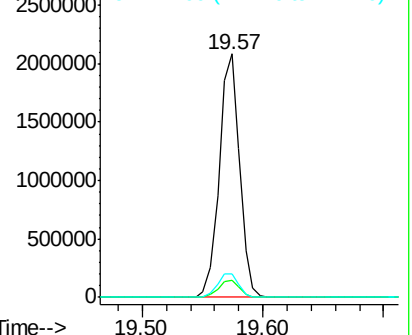
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	9.8	9.1	13.7



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: 35.837 ng

RT: 20.27 min Scan# 2939

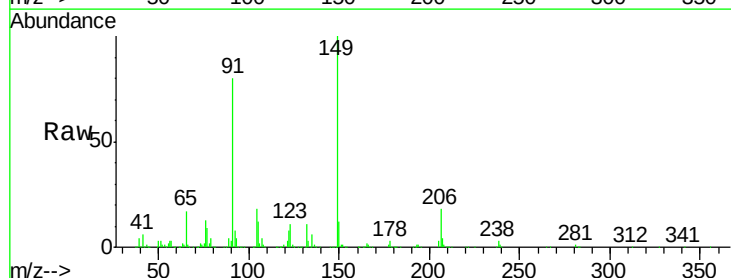
Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Tgt Ion:149 Resp: 630539

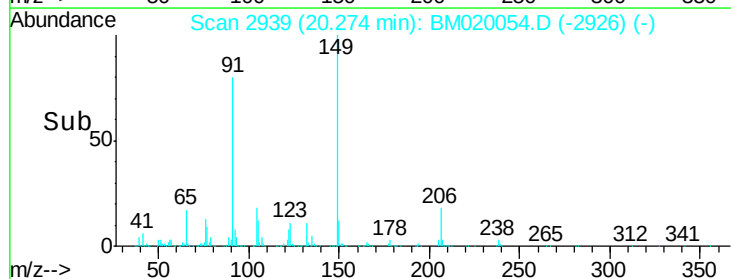
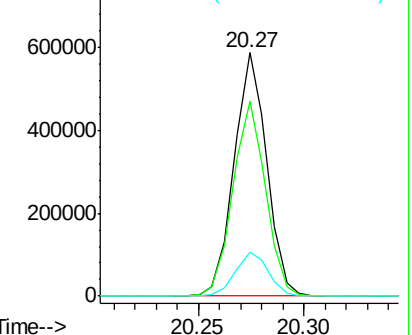
Ion	Ratio	Lower	Upper
149	100		
91	80.1	63.7	95.5
206	18.0	14.6	21.8

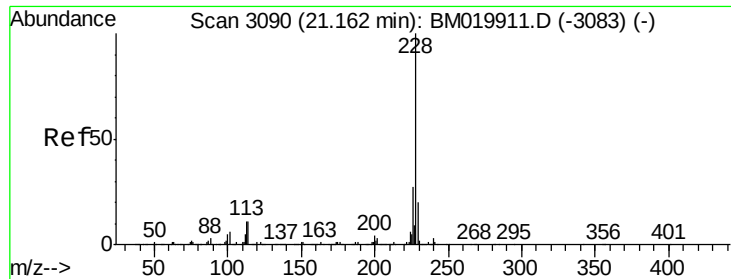


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.566 ng

RT: 21.13 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampleId :

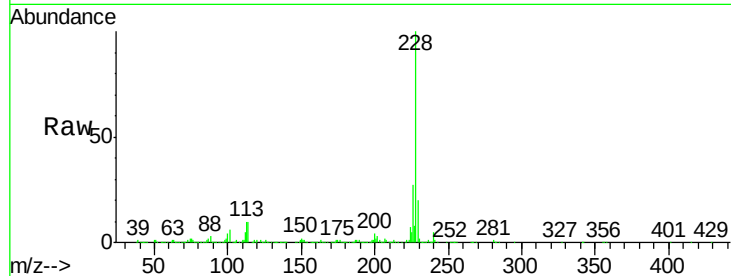
Tot Ion:228 Resp: 1304142

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.6

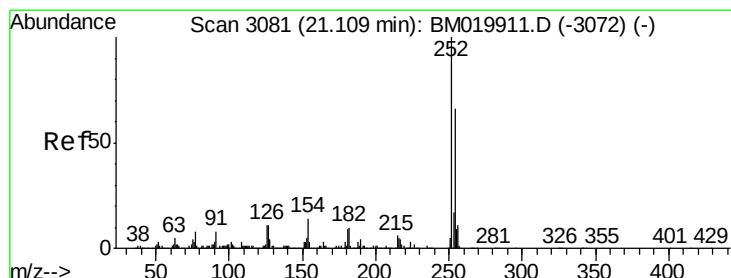
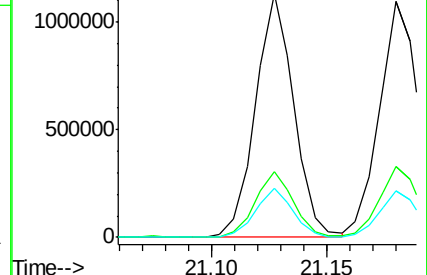
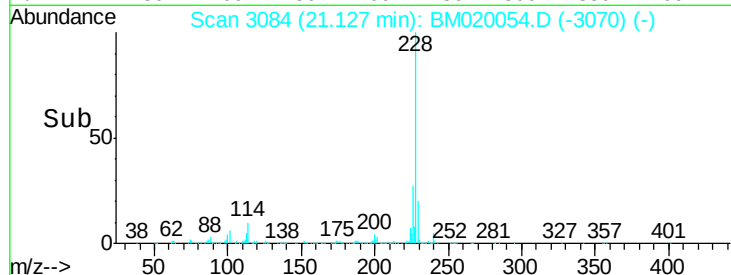
229 20.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.153 ng

RT: 21.07 min Scan# 3075

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

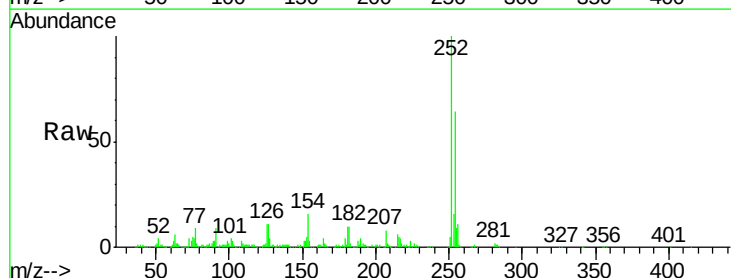
Tgt Ion:252 Resp: 454040

Ion Ratio Lower Upper

252 100

254 64.4 52.6 78.8

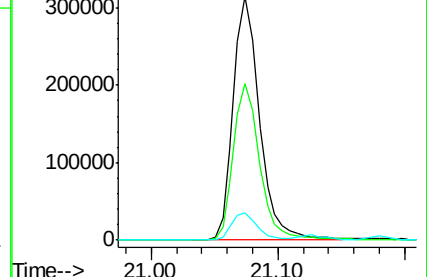
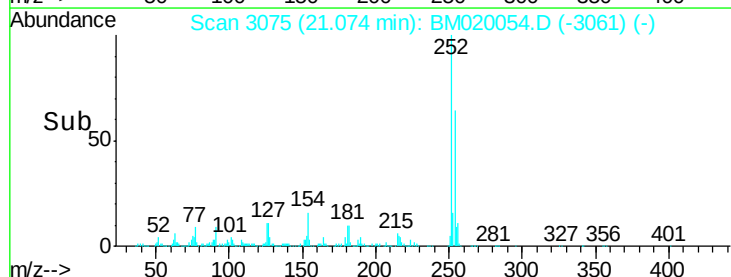
126 11.0 8.6 12.8

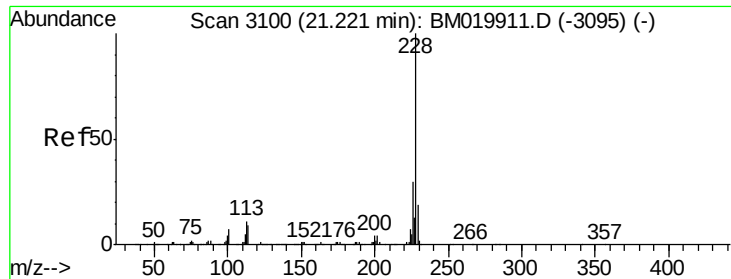


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.352 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampleId :

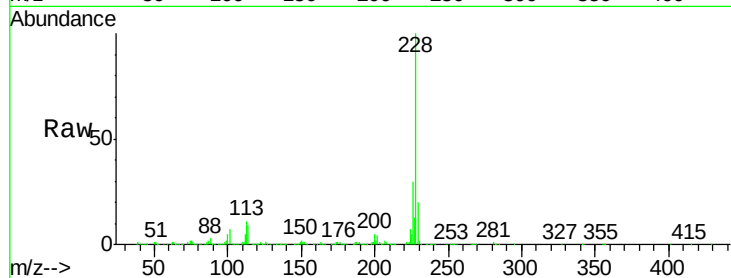
Tot Ion:228 Resp: 1310141

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

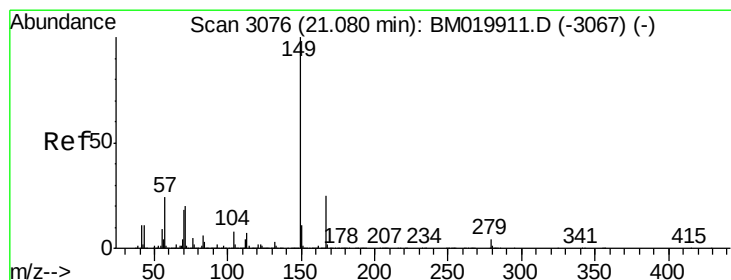
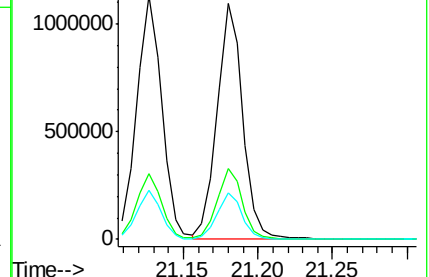
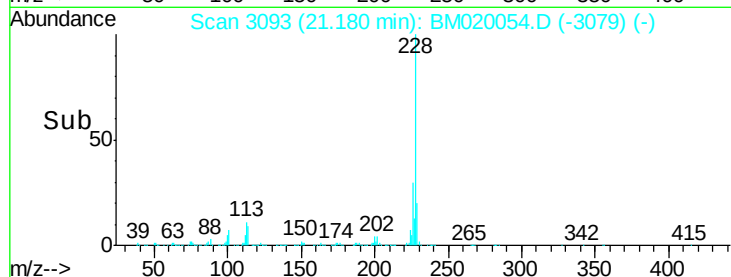
229 19.6 15.6 23.4



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: 36.302 ng

RT: 21.04 min Scan# 3070

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

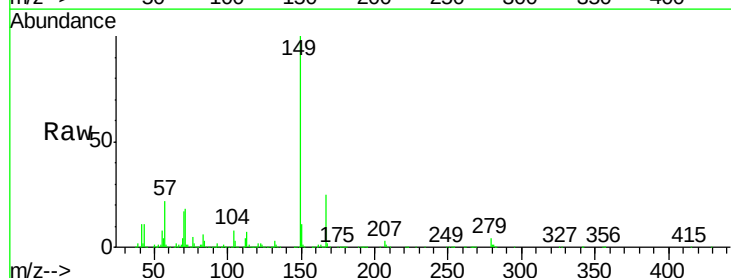
Tgt Ion:149 Resp: 950900

Ion Ratio Lower Upper

149 100

167 25.1 20.3 30.5

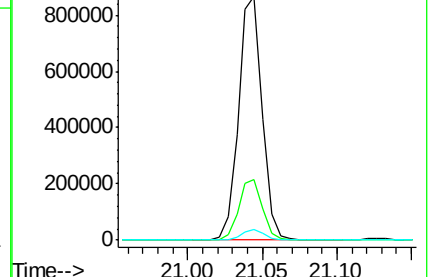
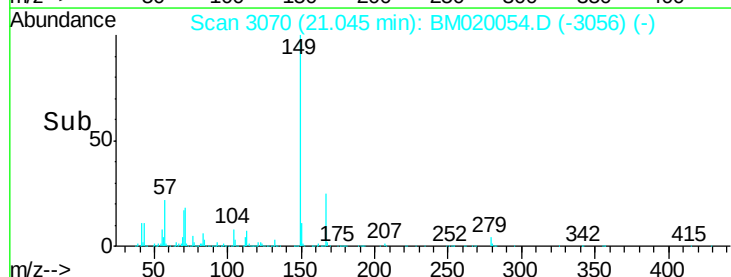
279 4.4 3.4 5.2

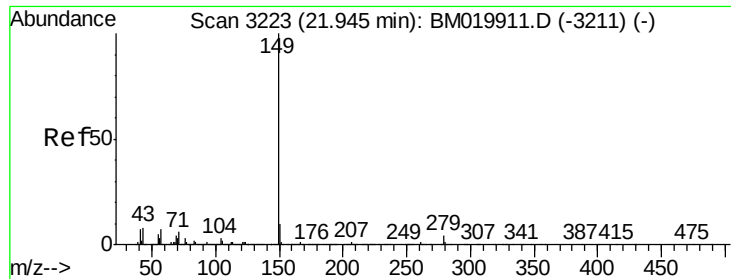


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

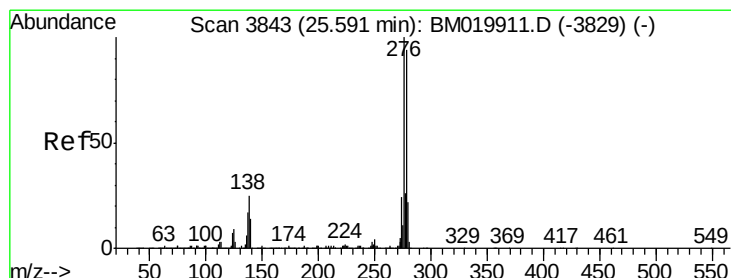
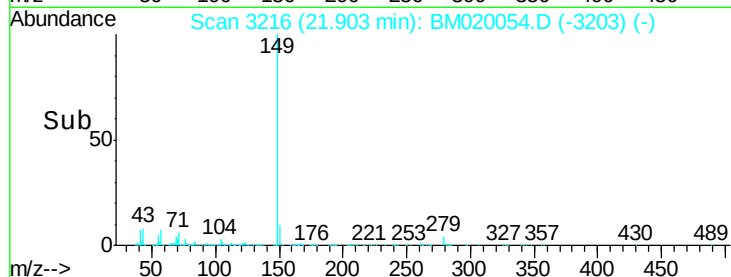
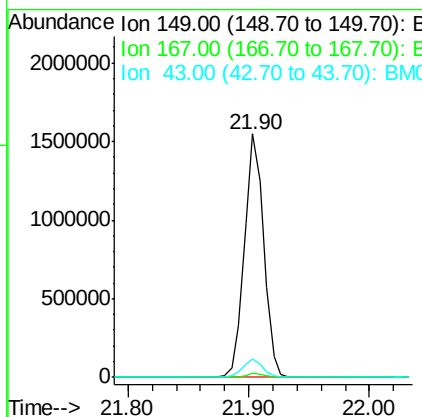
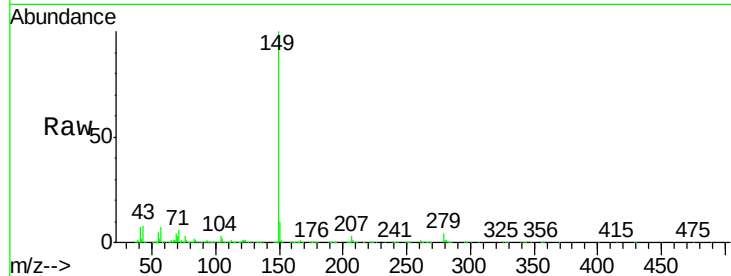




#85
Di-n-octyl phthalate
Concen: 40.595 ng
RT: 21.90 min Scan# 3216
Delta R.T. -0.02 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

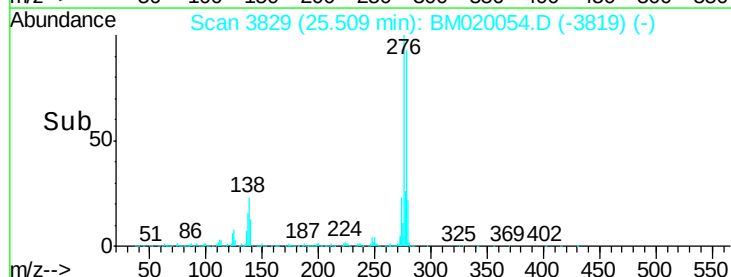
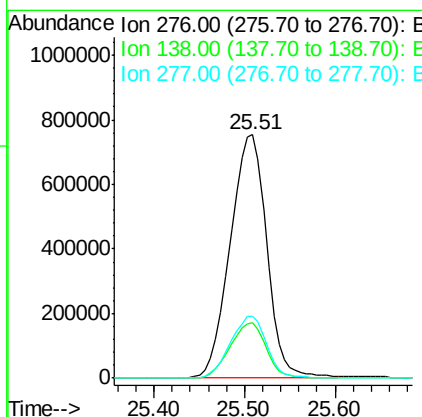
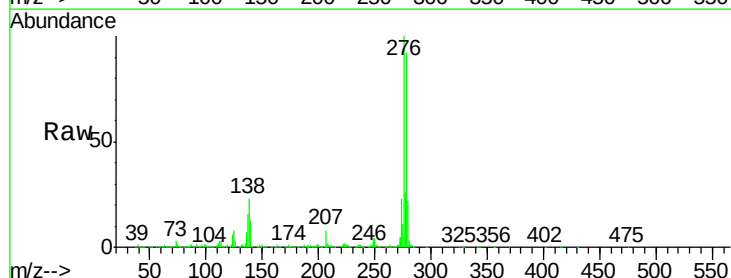
Instrument :
BNA_M
ClientSampleId :

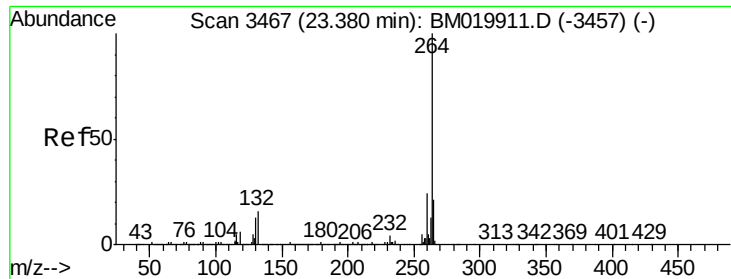
Tot Ion:149 Resp: 1725408
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.5 6.0 9.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 64.388 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.04 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

Tgt Ion:276 Resp: 2108776
Ion Ratio Lower Upper
276 100
138 22.4 19.0 28.6
277 25.3 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.33 min Scan# 3458

Delta R.T. -0.02 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

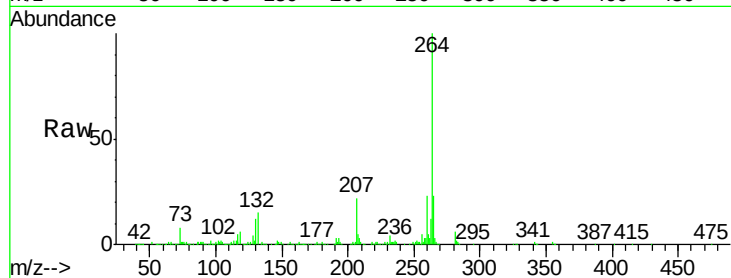
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 550497

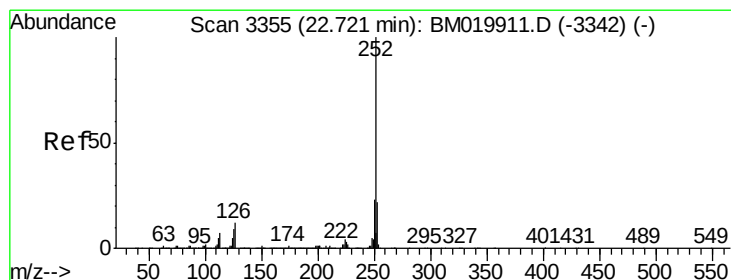
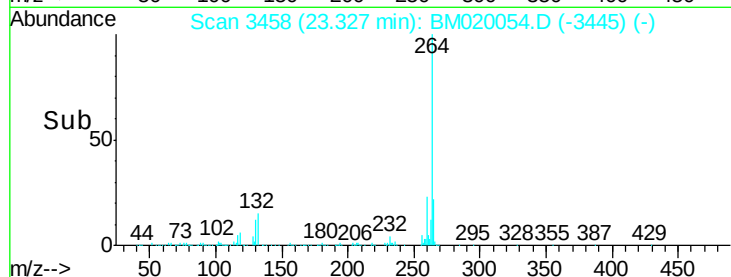
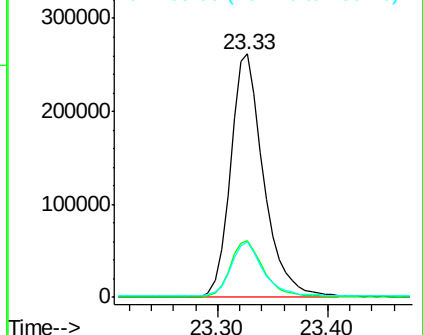
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.8	17.2	25.8



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: 43.628 ng

RT: 22.67 min Scan# 3346

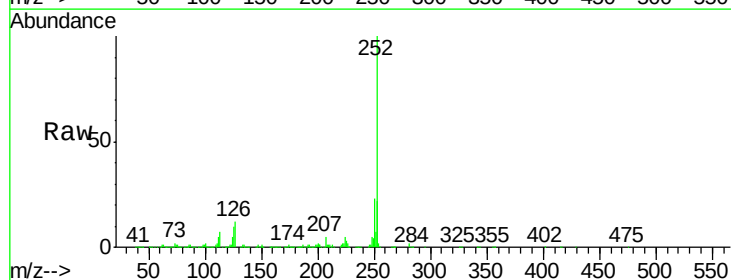
Delta R.T. -0.03 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Tgt Ion:252 Resp: 1594755

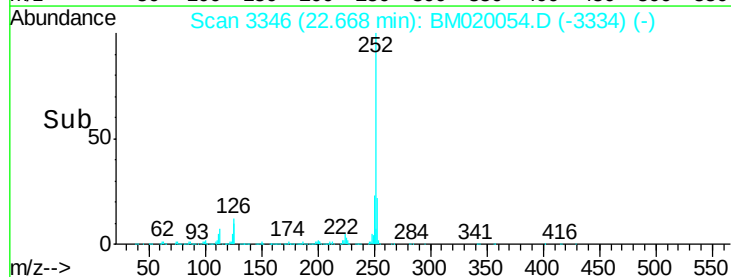
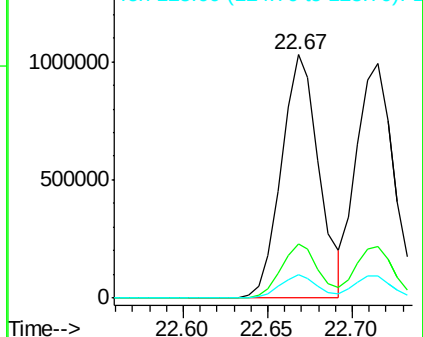
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	9.7	7.6	11.4

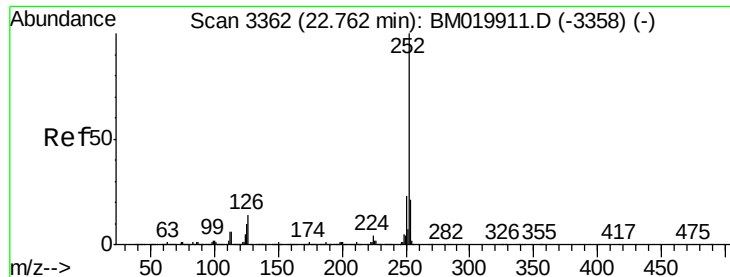


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

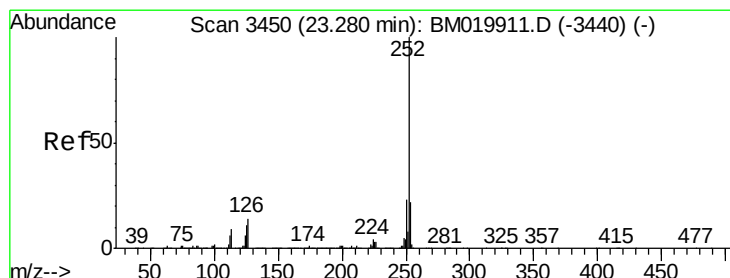
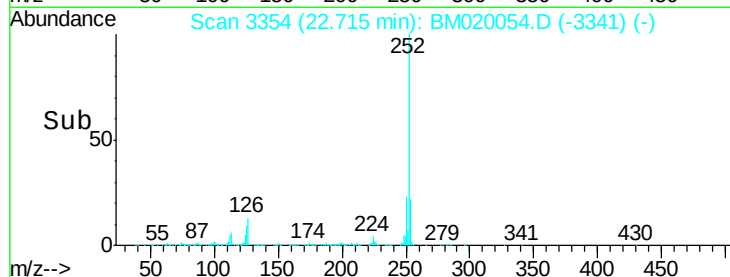
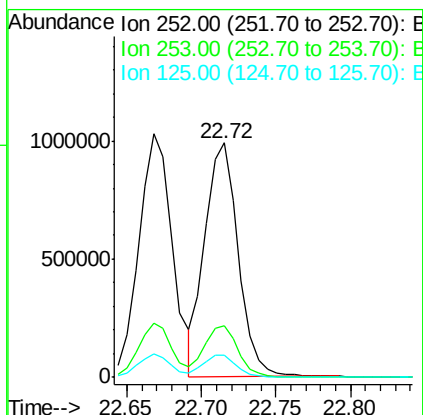
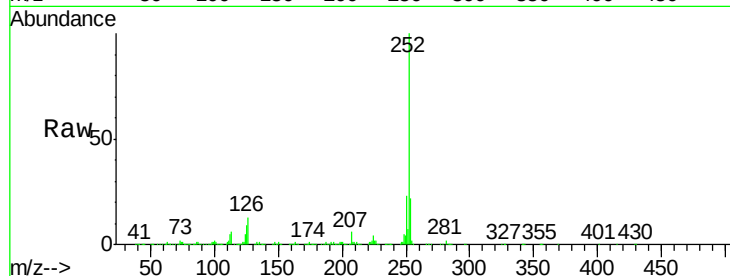




#89
Benzo(k)fluoranthene
Concen: 44.678 ng
RT: 22.72 min Scan# 3354
Delta R.T. -0.02 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

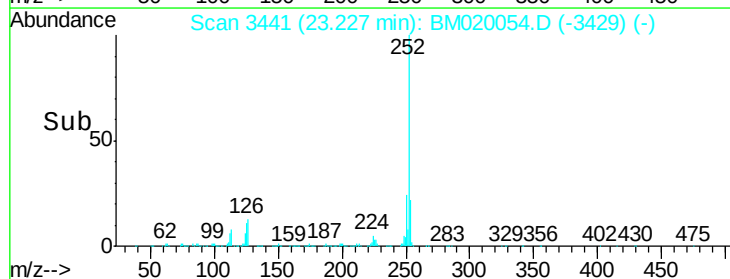
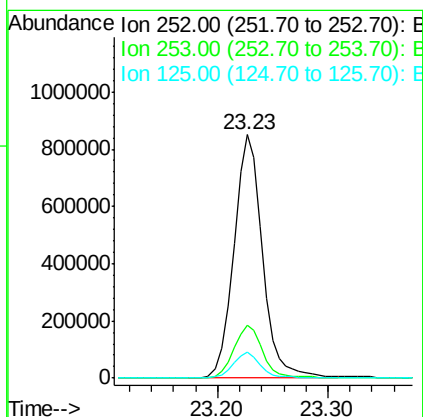
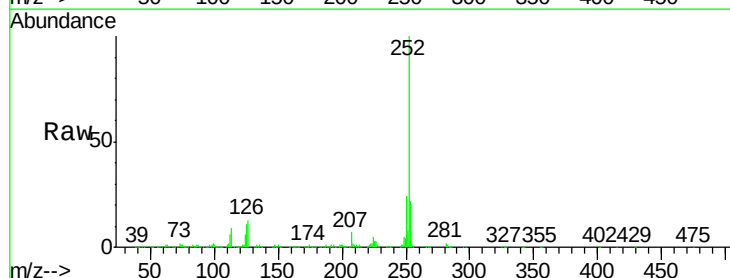
Instrument :
BNA_M
ClientSampleId :

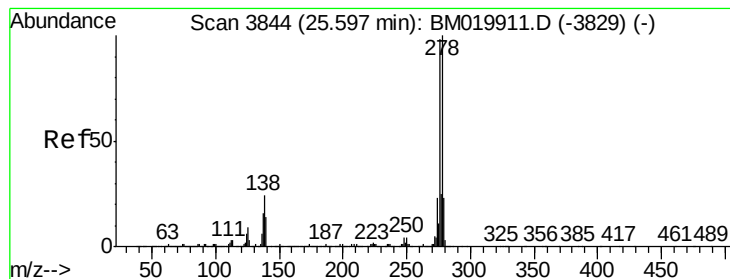
Tot Ion:252 Resp: 1537507
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.2 8.2 12.4



#90
Benzo(a)pyrene
Concen: 47.574 ng
RT: 23.23 min Scan# 3441
Delta R.T. -0.03 min
Lab File: BM020054.D
Acq: 24 Apr 2019 03:02

Tgt Ion:252 Resp: 1540868
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 10.8 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 57.992 ng

RT: 25.51 min Scan# 3829

Delta R.T. -0.05 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

Instrument :

BNA_M

ClientSampleId :

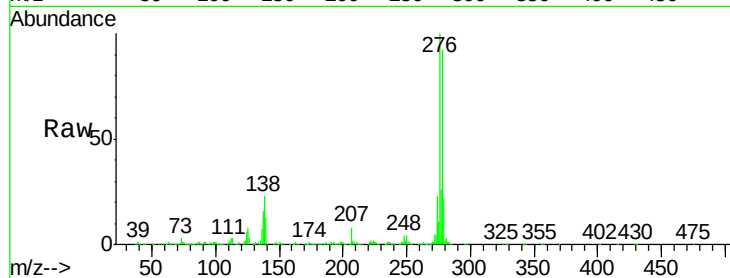
Tot Ion:278 Resp: 1810909

Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.6	17.4
279	23.7	18.4	27.6

278 100

139 14.3 11.6 17.4

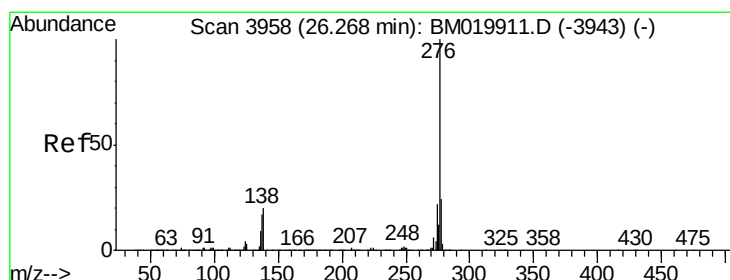
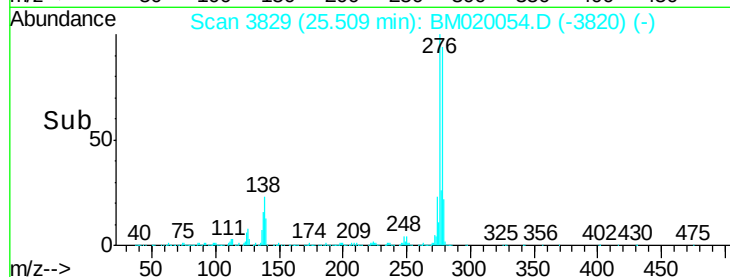
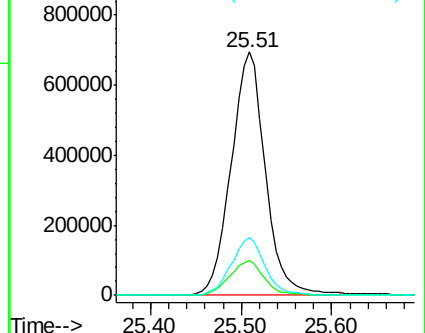
279 23.7 18.4 27.6



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: 57.373 ng

RT: 26.18 min Scan# 3943

Delta R.T. -0.05 min

Lab File: BM020054.D

Acq: 24 Apr 2019 03:02

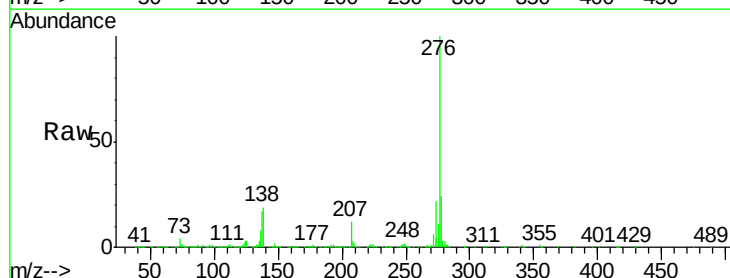
Tgt Ion:276 Resp: 1622723

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	18.9	16.2	24.4

276 100

277 24.4 18.8 28.2

138 18.9 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

