

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042219\
 Data File : BM020020.D
 Acq On : 22 Apr 2019 23:43
 Operator : JU/SJ
 Sample : PB119063BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 23 01:04:33 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	7.50	152	98666	20.00	ng	-0.01
21) Naphthalene-d8	10.27	136	401509	20.00	ng	-0.01
39) Acenaphthene-d10	14.17	164	233578	20.00	ng	0.00
64) Phenanthrene-d10	16.93	188	505288	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	573956	20.00	ng	-0.01
87) Perylene-d12	23.34	264	530809	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	869927	142.89	ng	-0.01
7) Phenol-d6	6.70	99	1150249	125.54	ng	-0.01
23) Nitrobenzene-d5	8.67	82	791895	88.20	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	493890	131.36	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	1627448	86.83	ng	-0.02
79) Terphenyl-d14	19.58	244	2722132	83.65	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	103816	39.516	ng	97
3) Pyridine	3.49	79	232690	31.626	ng	98
4) n-Nitrosodimethylamine	3.42	42	98172	41.420	ng	92
6) Aniline	6.85	93	319705	27.016	ng	98
8) 2-Chlorophenol	7.07	128	297150	39.243	ng	98
9) Benzaldehyde	6.68	77	104522	16.641	ng	99
10) Phenol	6.72	94	379447	37.904	ng	90
11) bis(2-Chloroethyl)ether	6.95	93	259468	35.425	ng	98
12) 1,3-Dichlorobenzene	7.38	146	295474	37.170	ng	95
13) 1,4-Dichlorobenzene	7.53	146	307308	38.102	ng	99
14) 1,2-Dichlorobenzene	7.84	146	302583	37.837	ng	97
15) Benzyl Alcohol	7.76	79	294163	35.315	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.03	45	238403	34.145	ng	99
17) 2-Methylphenol	7.96	107	243601	36.768	ng	94
18) Hexachloroethane	8.54	117	118634	37.840	ng	98
19) n-Nitroso-di-n-propylamine	8.31	70	257425	31.962	ng	98
20) 3+4-Methylphenols	8.29	107	320319	35.195	ng	97
22) Acetophenone	8.34	105	445209	40.711	ng	# 99
24) Nitrobenzene	8.72	77	380260	40.886	ng	98
25) Isophorone	9.23	82	649252	37.149	ng	99
26) 2-Nitrophenol	9.42	139	150082	37.867	ng	94
27) 2,4-Dimethylphenol	9.47	122	257611	45.970	ng	99
28) bis(2-Chloroethoxy)methane	9.71	93	360107	36.797	ng	99
29) 2,4-Dichlorophenol	9.96	162	250803	39.406	ng	98
30) 1,2,4-Trichlorobenzene	10.14	180	285081	41.617	ng	98
31) Naphthalene	10.32	128	865979	40.211	ng	99
32) Benzoic acid	9.67	122	5840	6.063	ng	# 85
33) 4-Chloroaniline	10.48	127	220530	24.857	ng	99
34) Hexachlorobutadiene	10.57	225	169807	42.030	ng	99
35) Caprolactam	11.30	113	64368	26.718	ng	# 86
36) 4-Chloro-3-methylphenol	11.61	107	296976	37.553	ng	98
37) 2-Methylnaphthalene	11.95	142	623720	39.781	ng	98
38) 1-Methylnaphthalene	12.17	142	601366	38.846	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	300796	41.744	ng	100

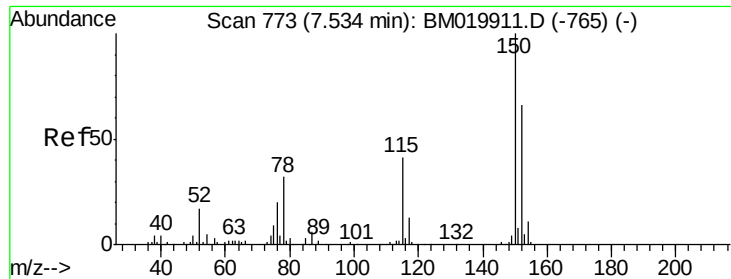
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042219\
 Data File : BM020020.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	182439	72.751	ng	99
43) 2,4,6-Trichlorophenol	12.59	196	211415	43.276	ng	98
44) 2,4,5-Trichlorophenol	12.68	196	203238	39.972	ng	98
46) 1,1'-Biphenyl	12.99	154	812337	40.153	ng	100
47) 2-Chloronaphthalene	13.03	162	627197	40.644	ng	100
48) 2-Nitroaniline	13.28	65	217203	39.049	ng	94
49) Acenaphthylene	13.89	152	1027636	38.274	ng	99
50) Dimethylphthalate	13.64	163	821200	39.858	ng	100
51) 2,6-Dinitrotoluene	13.78	165	175265	38.470	ng	85
52) Acenaphthene	14.23	154	590897	39.692	ng	99
53) 3-Nitroaniline	14.13	138	124411	27.348	ng	98
54) 2,4-Dinitrophenol	14.38	184	20485	14.304	ng	93
55) Dibenzofuran	14.57	168	969786	39.836	ng	97
56) 4-Nitrophenol	14.46	139	174166	50.825	ng	93
57) 2,4-Dinitrotoluene	14.59	165	245142	37.433	ng	98
58) Fluorene	15.23	166	791222	38.357	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.82	232	190091	40.974	ng	98
60) Diethylphthalate	15.01	149	853594	39.835	ng	100
61) 4-Chlorophenyl-phenylether	15.22	204	394182	39.689	ng	95
62) 4-Nitroaniline	15.30	138	152604	34.047	ng	91
63) Azobenzene	15.52	77	933084	40.742	ng	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	31020	9.622	ng	94
66) n-Nitrosodiphenylamine	15.45	169	677137	40.991	ng	100
67) 4-Bromophenyl-phenylether	16.12	248	231331	39.821	ng	98
68) Hexachlorobenzene	16.23	284	279835	40.145	ng	99
69) Atrazine	16.42	200	228693	40.781	ng	100
70) Pentachlorophenol	16.59	266	171384	48.120	ng	99
71) Phenanthrene	16.97	178	1201505	40.070	ng	99
72) Anthracene	17.07	178	1196511	40.086	ng	99
73) Carbazole	17.36	167	1079365	38.732	ng	100
74) Di-n-butylphthalate	17.90	149	1450981	39.646	ng	100
75) Fluoranthene	19.01	202	1384061	40.109	ng	99
77) Benzidine	19.23	184	500186	31.585	ng	98
78) Pyrene	19.38	202	1434991	37.754	ng	99
80) Butylbenzylphthalate	20.28	149	699153	37.941	ng	99
81) Benzo(a)anthracene	21.13	228	1372007	37.736	ng	99
82) 3,3'-Dichlorobenzidine	21.08	252	399873	29.560	ng	98
83) Chrysene	21.19	228	1360287	39.012	ng	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	1055998	38.492	ng	100
85) Di-n-octyl phthalate	21.92	149	1850255	41.565	ng	100
86) Indeno(1,2,3-cd)pyrene	25.53	276	1776535	51.793	ng	99
88) Benzo(b)fluoranthene	22.68	252	1549522	43.962	ng	100
89) Benzo(k)fluoranthene	22.72	252	1479466	44.586	ng	99
90) Benzo(a)pyrene	23.24	252	1447485	46.349	ng	98
91) Dibenzo(a,h)anthracene	25.53	278	1525488	50.663	ng	99
92) Benzo(g,h,i)perylene	26.20	276	1379612	50.587	ng	99

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

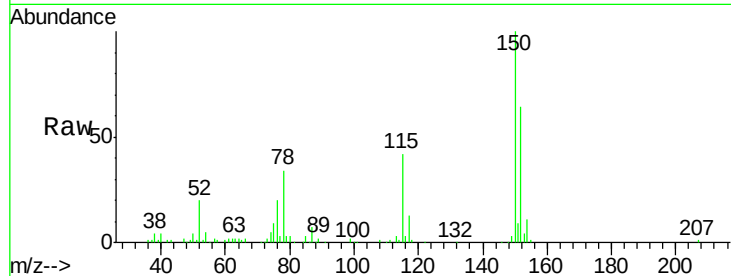


#1

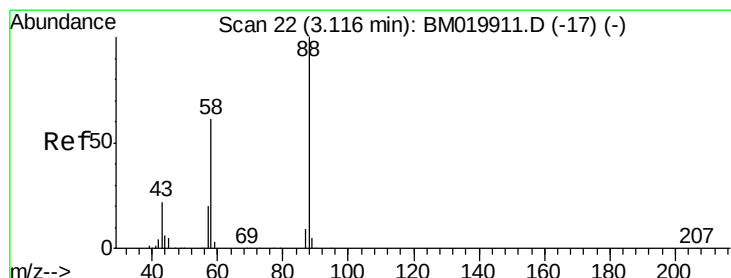
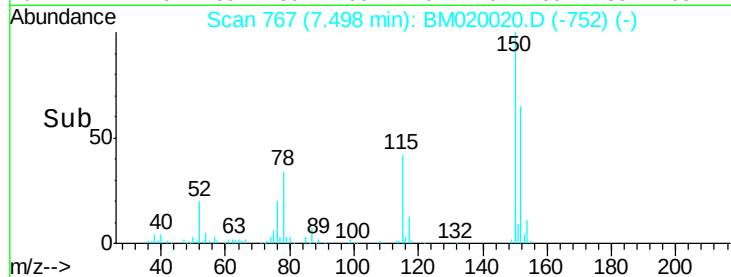
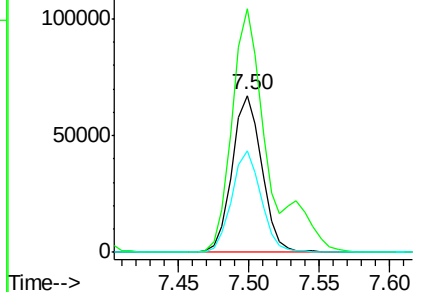
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 98666
Ion Ratio Lower Upper
152 100
150 155.5 122.1 183.1
115 64.8 50.0 75.0



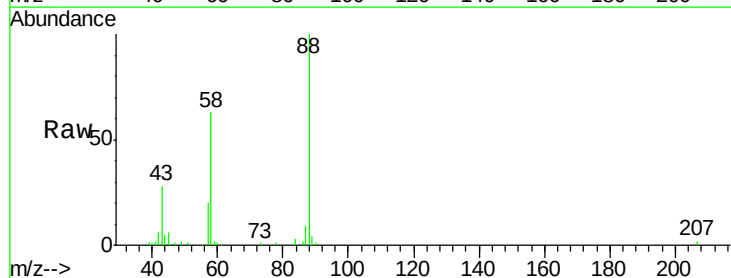
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



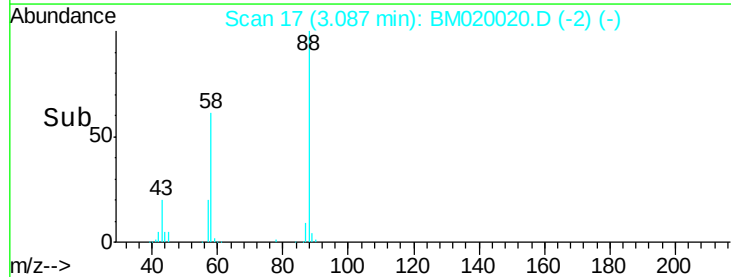
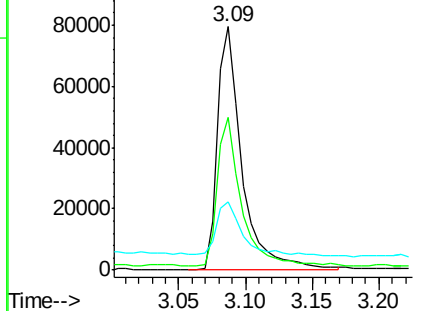
#2

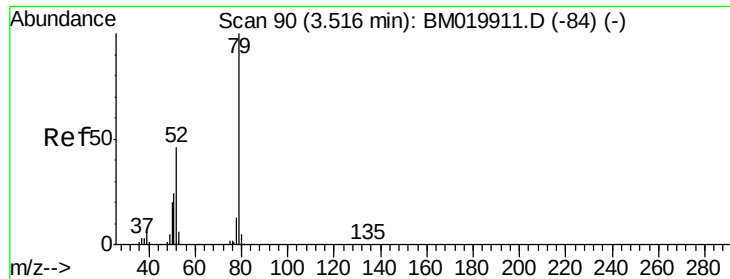
1,4-Dioxane
Concen: 39.516 ng
RT: 3.09 min Scan# 17
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Tgt Ion: 88 Resp: 103816
Ion Ratio Lower Upper
88 100
58 59.3 49.6 74.4
43 23.0 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: 31.626 ng

RT: 3.49 min Scan# 85

Delta R.T. -0.02 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

Instrument :

BNA_M

ClientSampled :

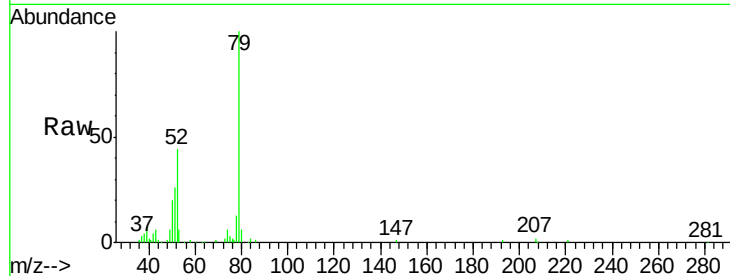
Tot Ion: 79 Resp: 232690

Ion Ratio Lower Upper

79 100

52 44.2 36.9 55.3

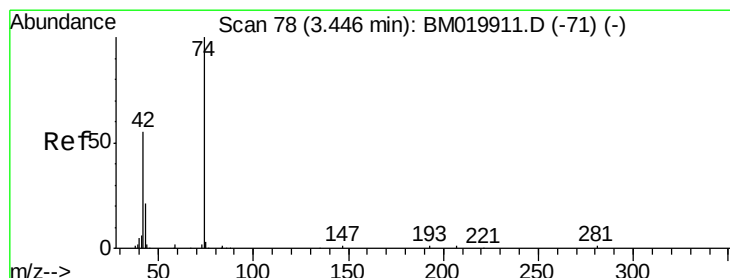
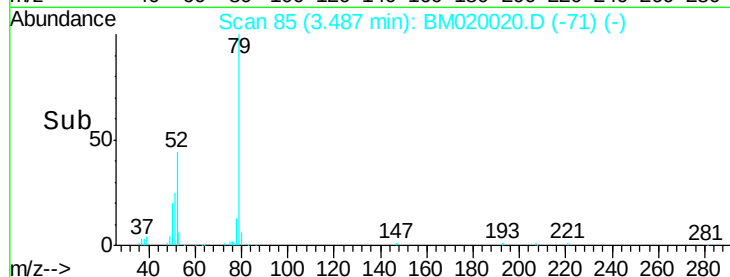
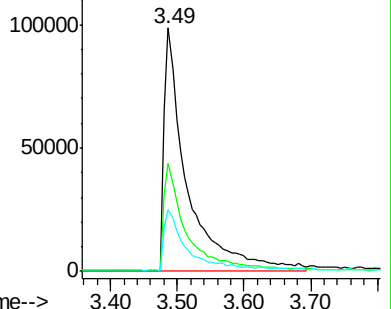
51 25.6 20.0 30.0



Abundance Ion 79.00 (78.70 to 79.70): BM019911.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019911.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019911.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 41.420 ng

RT: 3.42 min Scan# 73

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

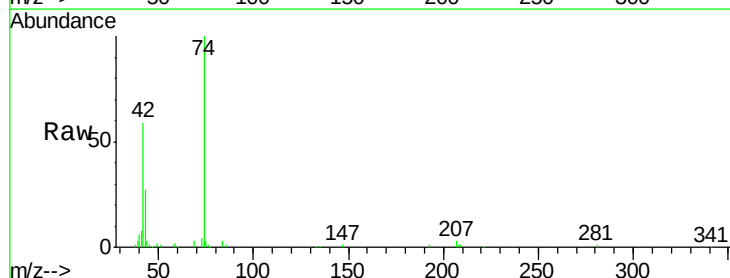
Tgt Ion: 42 Resp: 98172

Ion Ratio Lower Upper

42 100

74 169.7 144.6 217.0

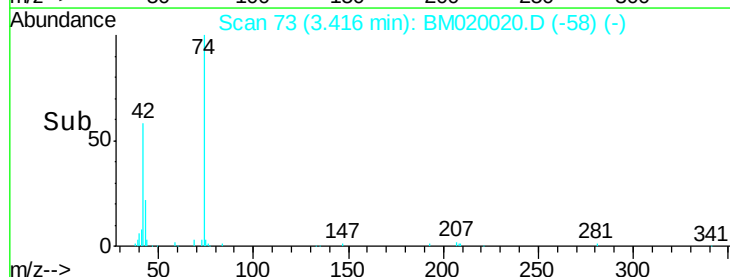
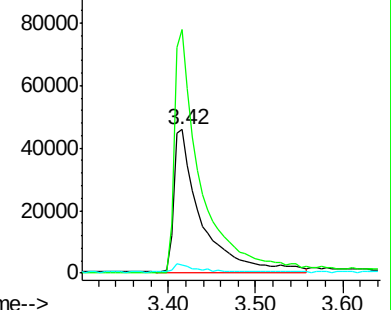
44 5.9 5.4 8.2

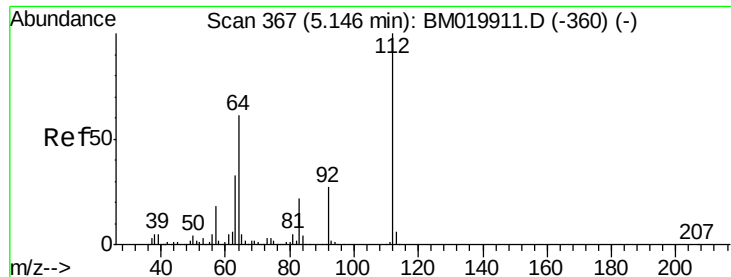


Abundance Ion 42.00 (41.70 to 42.70): BM019911.D (-71) (-)

Ion 74.00 (73.70 to 74.70): BM019911.D (-71) (-)

Ion 44.00 (43.70 to 44.70): BM019911.D (-71) (-)





#5

2-Fluorophenol

Concen: 142.891 ng

RT: 5.12 min Scan# 362

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

Instrument :

BNA_M

ClientSampleId :

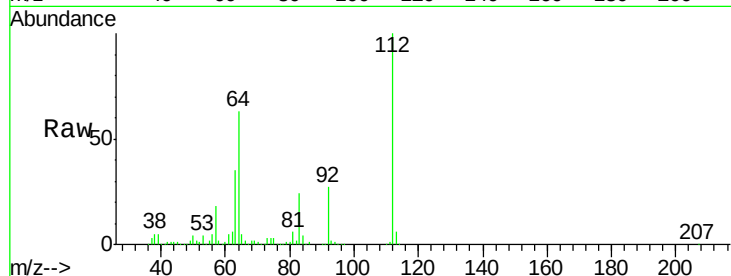
Tot Ion:112 Resp: 869927

Ion Ratio Lower Upper

112 100

64 63.4 49.1 73.7

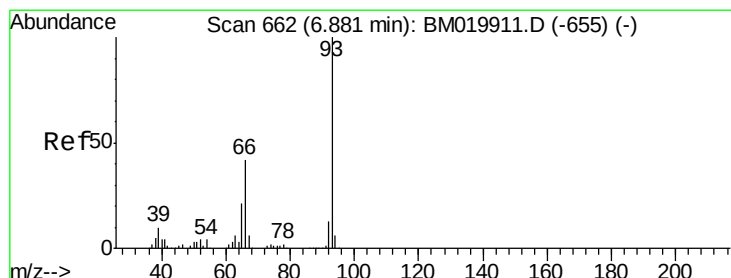
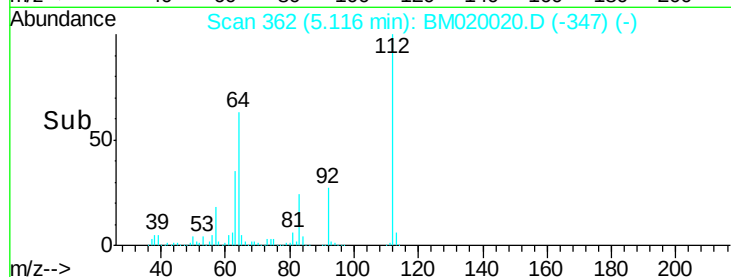
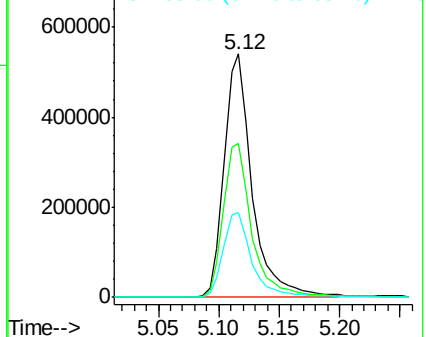
63 34.8 26.5 39.7



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: 27.016 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

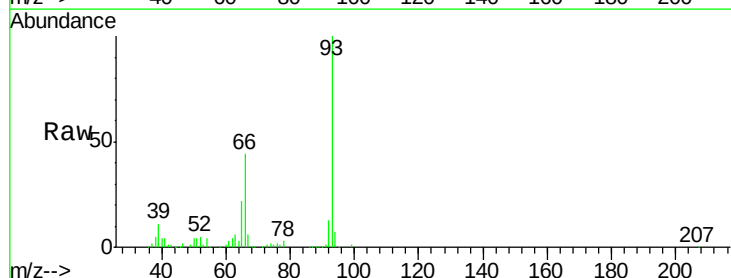
Tgt Ion: 93 Resp: 319705

Ion Ratio Lower Upper

93 100

66 43.7 33.9 50.9

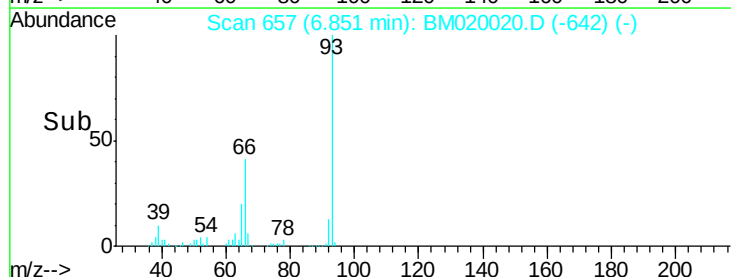
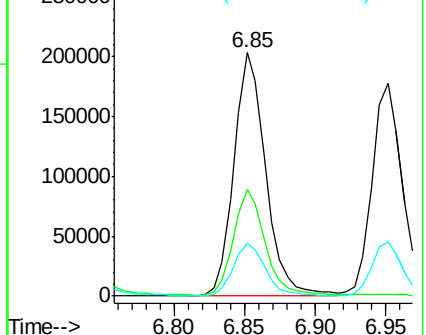
65 21.6 17.0 25.6

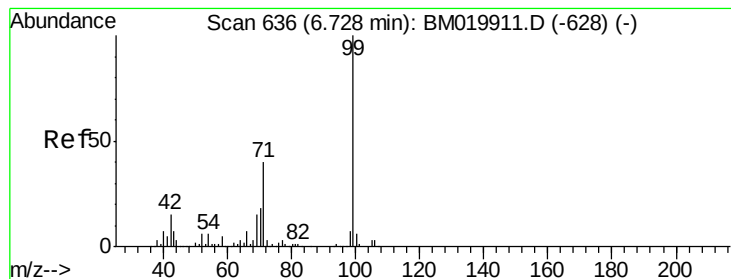


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 125.540 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

Instrument :

BNA_M

ClientSampled :

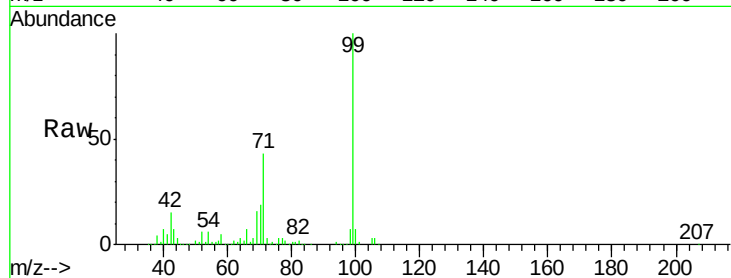
Tot Ion: 99 Resp: 1150249

Ion Ratio Lower Upper

99 100

42 15.4 11.8 17.8

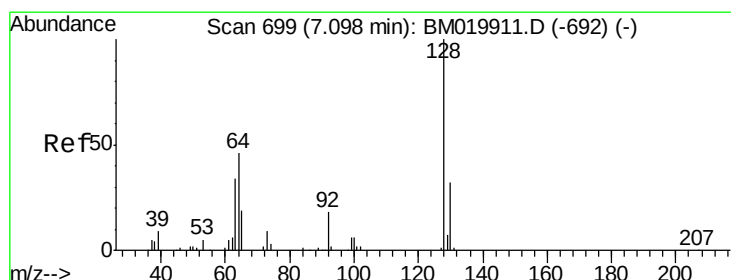
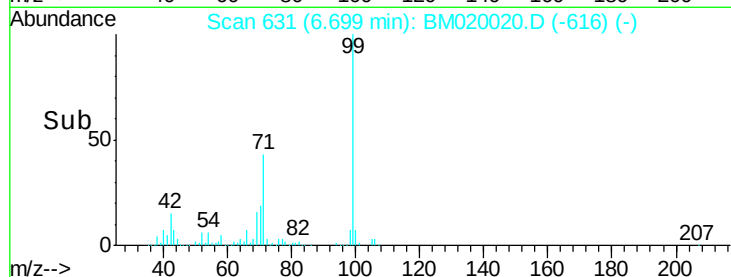
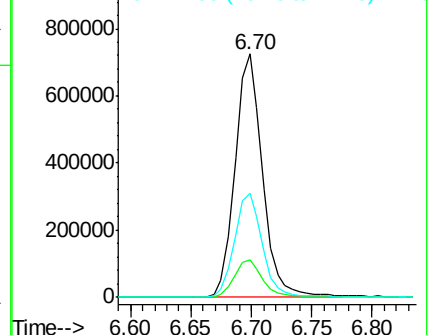
71 42.8 32.0 48.0



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: 39.243 ng

RT: 7.07 min Scan# 694

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

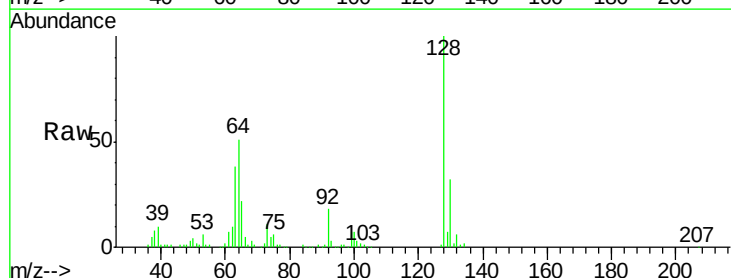
Tgt Ion:128 Resp: 297150

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

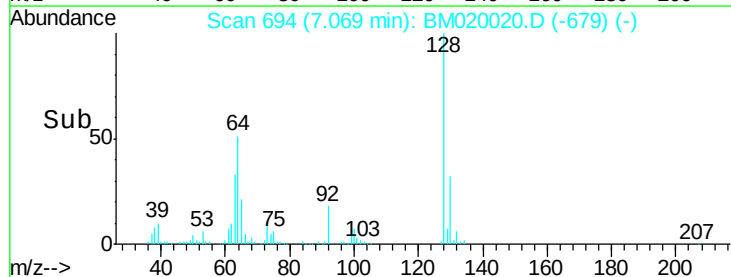
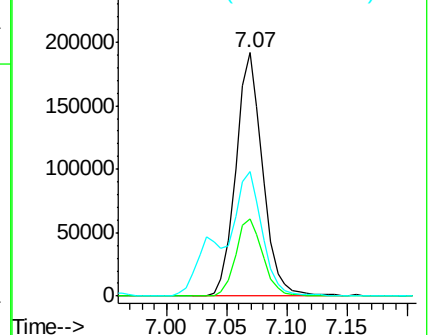
64 51.0 33.0 73.0

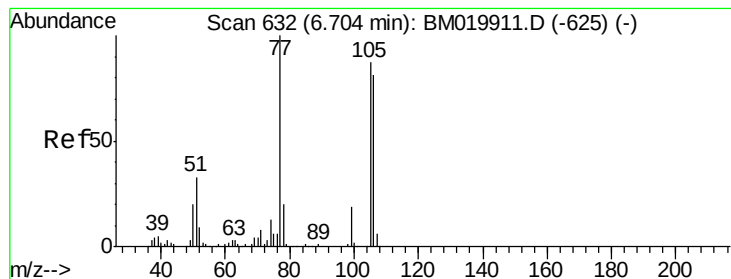


Abundance Ion 128.00 (127.70 to 128.70): BM019911.D (-692) (-)

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: 16.641 ng

RT: 6.68 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

Instrument :

BNA_M

ClientSampleId :

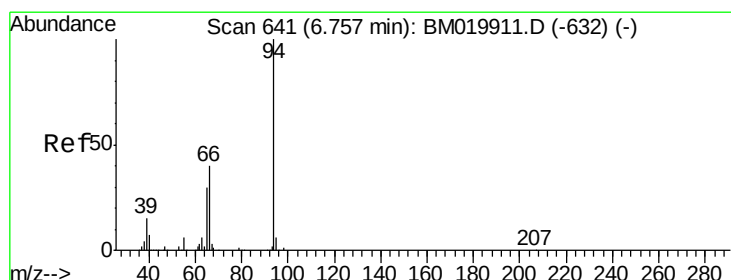
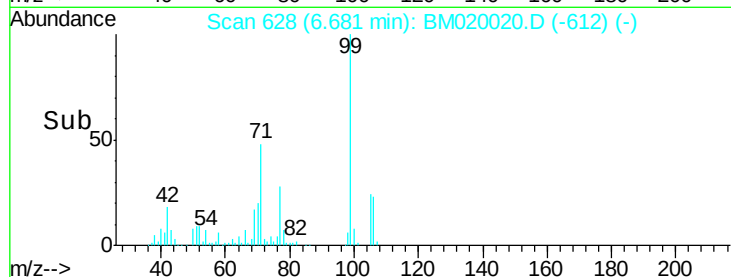
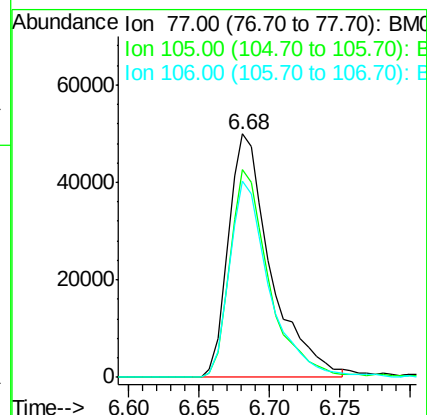
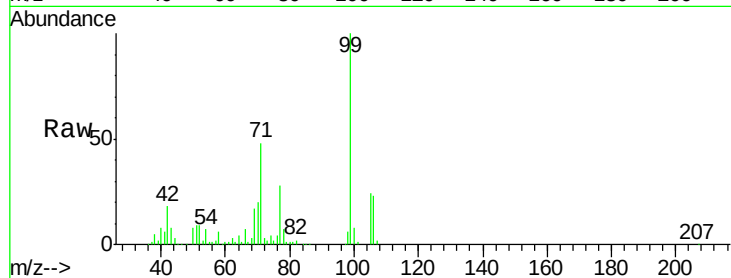
Tot Ion: 77 Resp: 104522

Ion Ratio Lower Upper

77 100

105 85.5 67.3 107.3

106 80.8 60.6 100.6



#10

Phenol

Concen: 37.904 ng

RT: 6.72 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

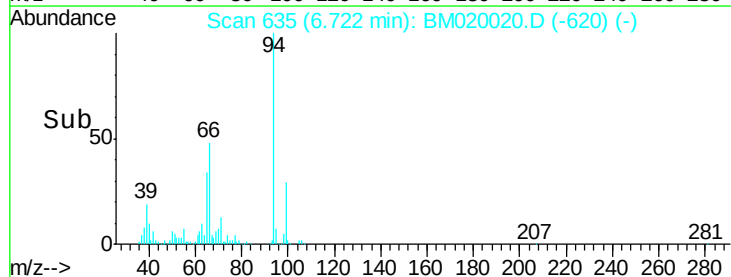
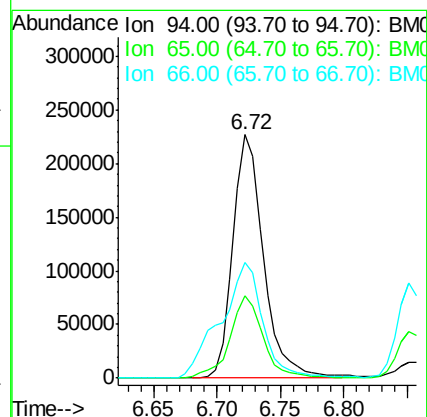
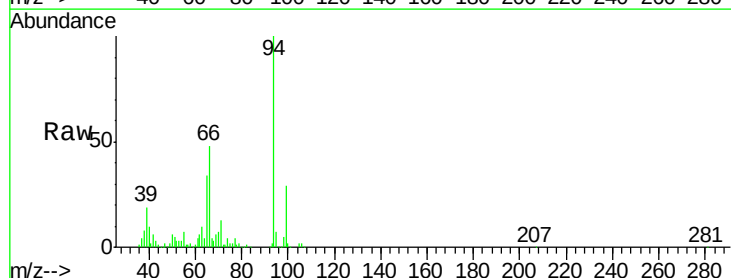
Tgt Ion: 94 Resp: 379447

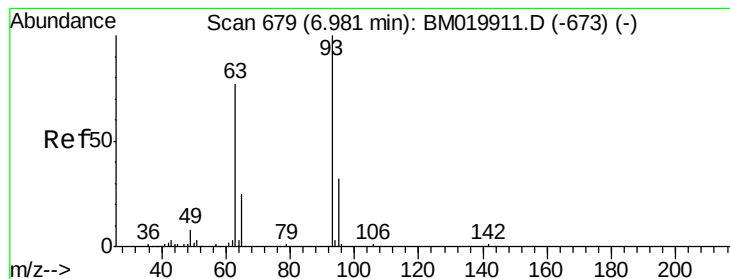
Ion Ratio Lower Upper

94 100

65 33.9 10.0 50.0

66 47.5 20.2 60.2





#11

bis(2-Chloroethyl)ether

Concen: 35.425 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

Instrument :

BNA_M

ClientSampleId :

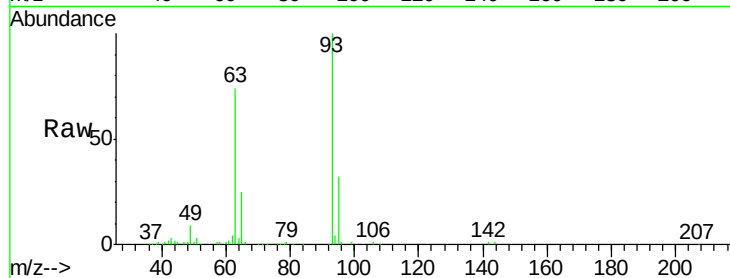
Tot Ion: 93 Resp: 259468

Ion Ratio Lower Upper

93 100

63 74.4 55.8 95.8

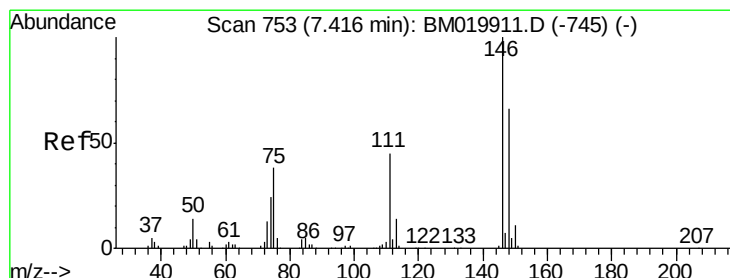
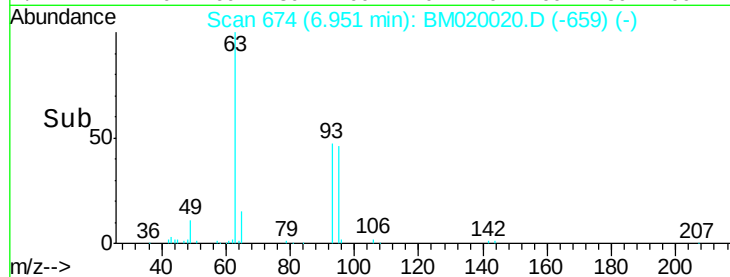
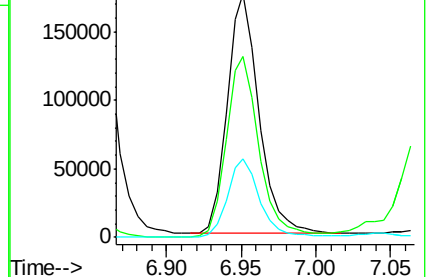
95 32.5 11.6 51.6



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: 37.170 ng

RT: 7.38 min Scan# 747

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

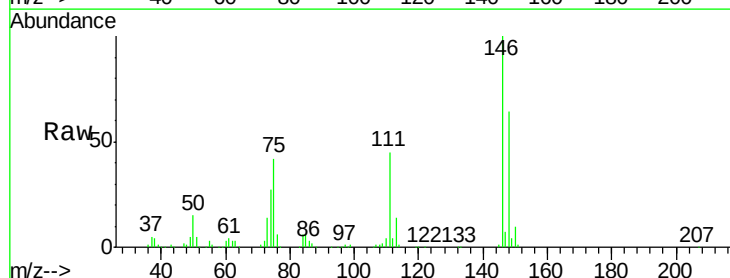
Tgt Ion: 146 Resp: 295474

Ion Ratio Lower Upper

146 100

148 63.6 52.6 78.8

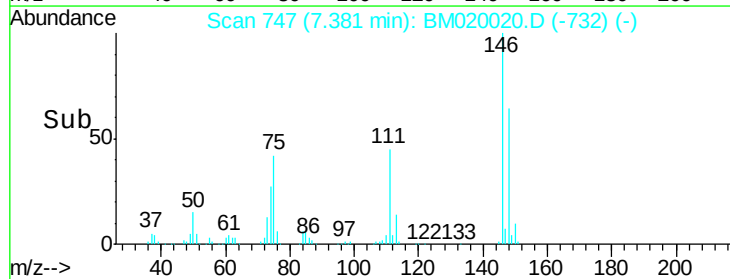
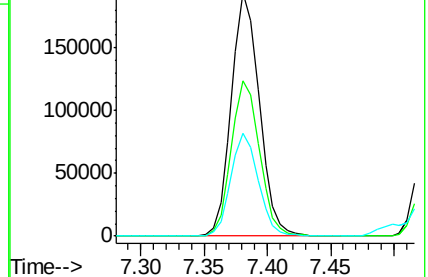
75 42.2 30.0 45.0

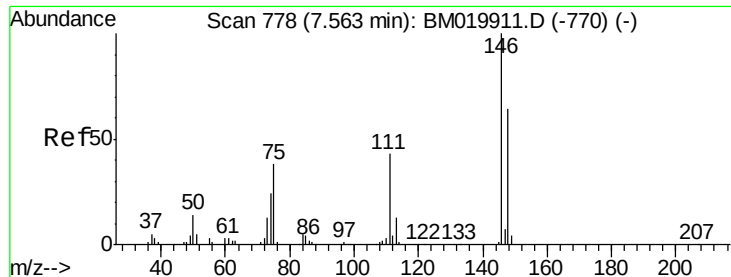


Abundance Ion 146.00 (145.70 to 146.70): BM019911.D (-745) (-)

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

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

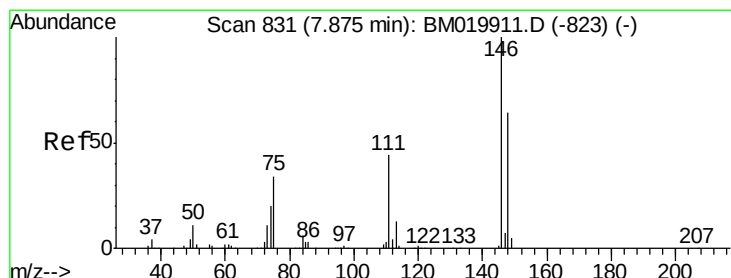
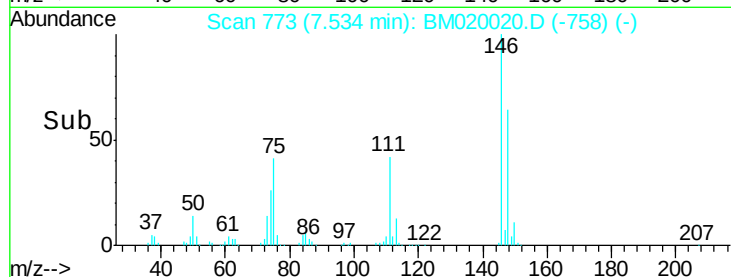
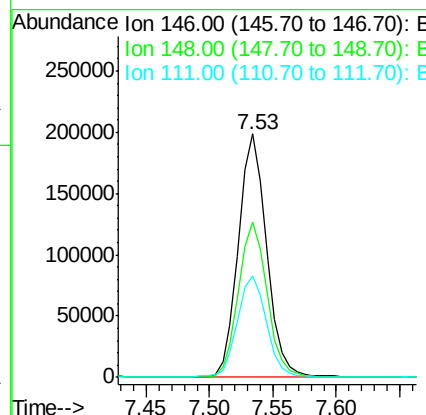
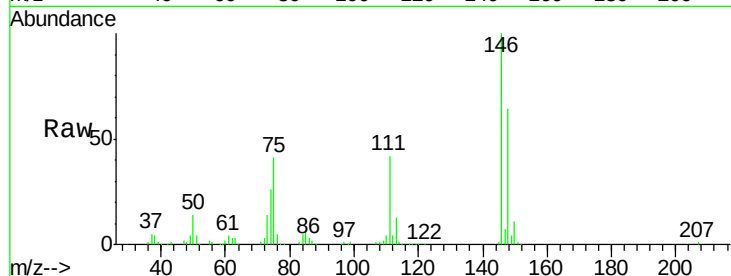




#13
 1,4-Dichlorobenzene
 Concen: 38.102 ng
 RT: 7.53 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

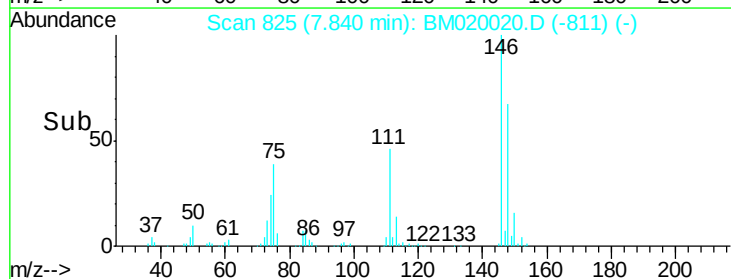
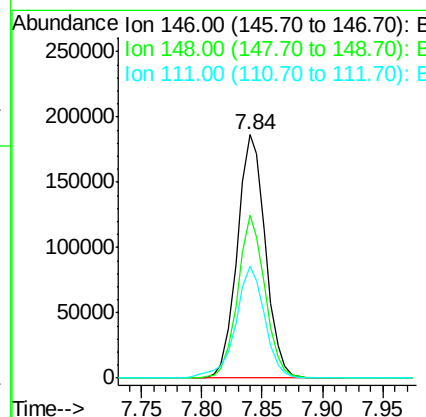
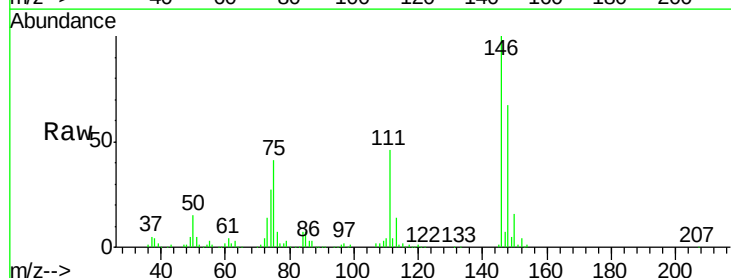
Instrument :
 BNA_M
 ClientSampleId :

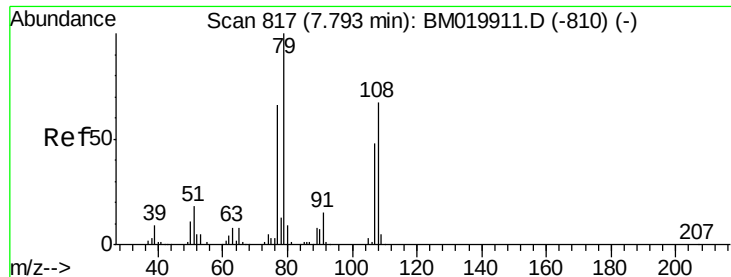
Tot Ion:146 Resp: 307308
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.1 76.7
 111 41.8 34.6 51.8



#14
 1,2-Dichlorobenzene
 Concen: 37.837 ng
 RT: 7.84 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Tgt Ion:146 Resp: 302583
 Ion Ratio Lower Upper
 146 100
 148 66.8 51.4 77.2
 111 45.8 35.4 53.0





#15

Benzyl Alcohol

Concen: 35.315 ng

RT: 7.76 min Scan# 812

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

Instrument :

BNA_M

ClientSampleId :

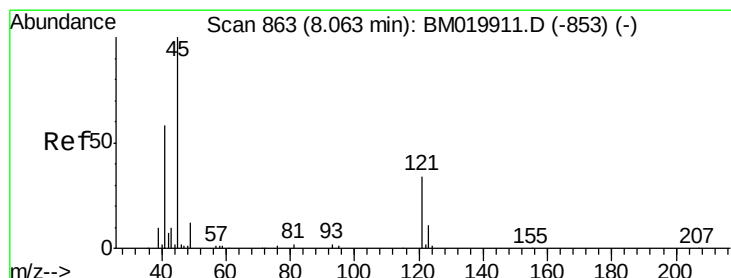
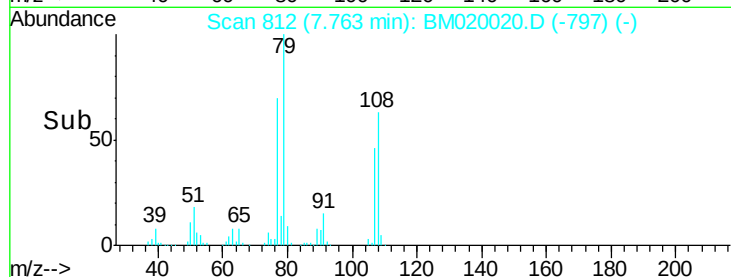
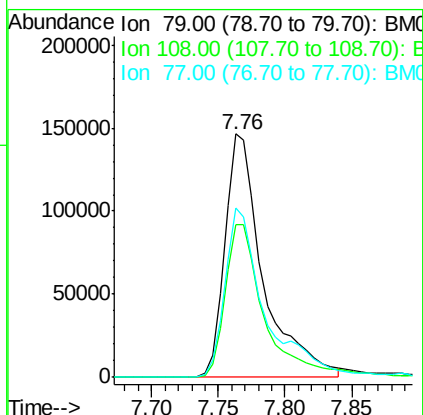
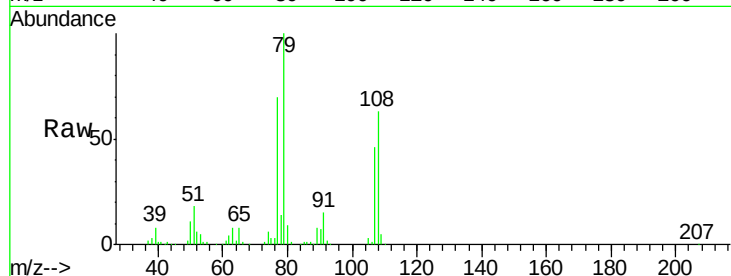
Tot Ion: 79 Resp: 294163

Ion Ratio Lower Upper

79 100

108 62.8 53.9 80.9

77 69.7 53.1 79.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.145 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.02 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

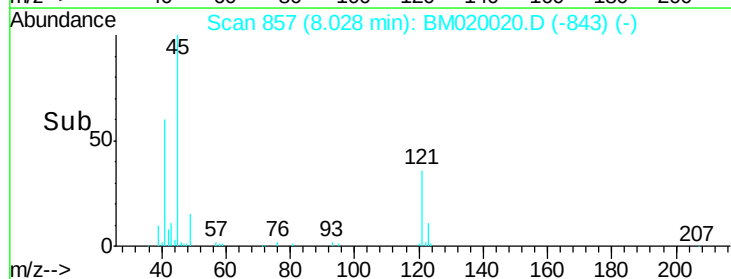
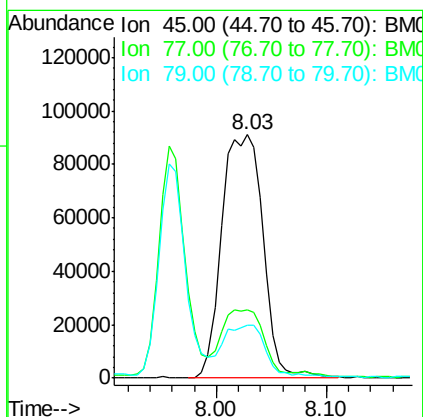
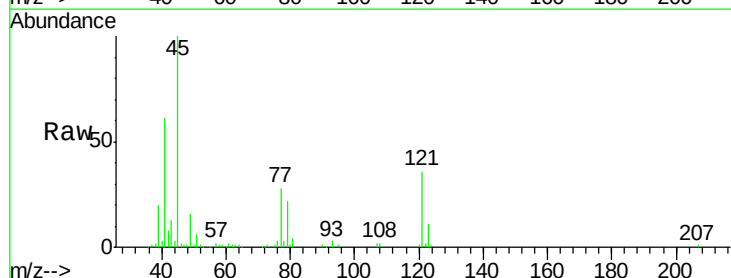
Tgt Ion: 45 Resp: 238403

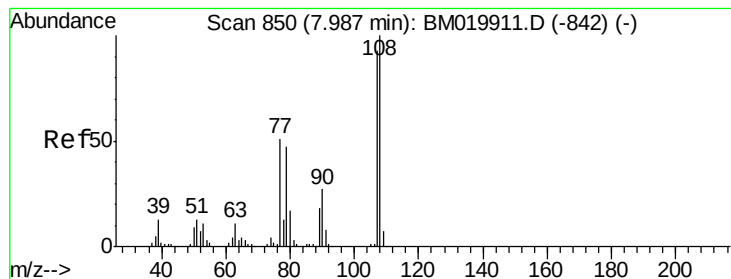
Ion Ratio Lower Upper

45 100

77 28.0 7.2 47.2

79 21.8 1.2 41.2

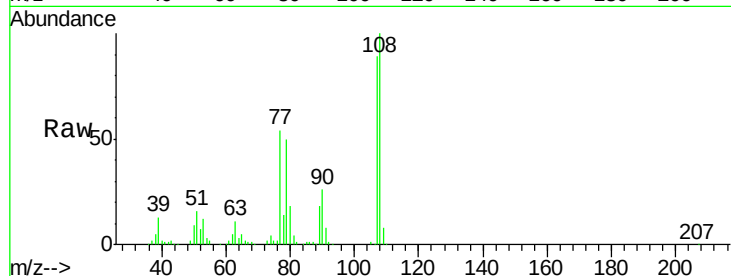




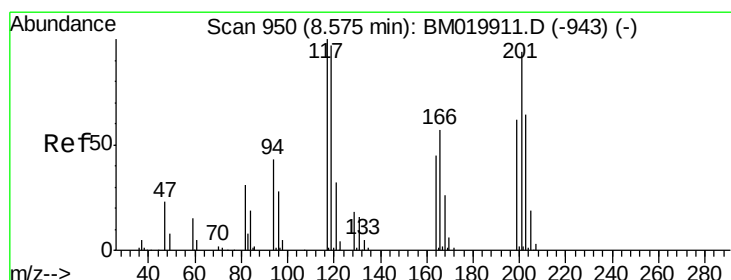
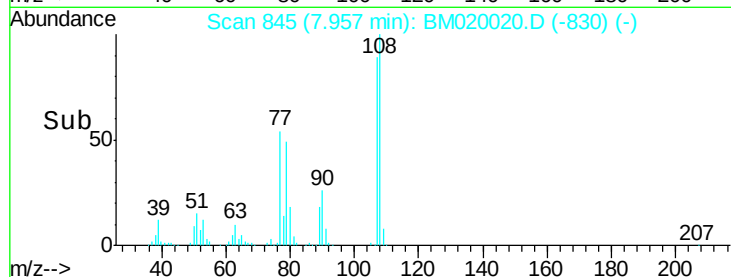
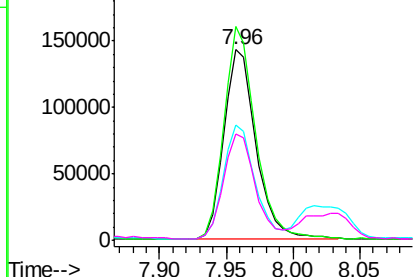
#17
2-Methylphenol
Concen: 36.768 ng
RT: 7.96 min Scan# 845
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Instrument :
BNA_M
ClientSampled :

Tot Ion:	107	Resp:	243601
Ion	Ratio	Lower	Upper
107	100		
108	112.1	85.9	128.9
77	60.7	43.8	65.6
79	55.9	41.1	61.7

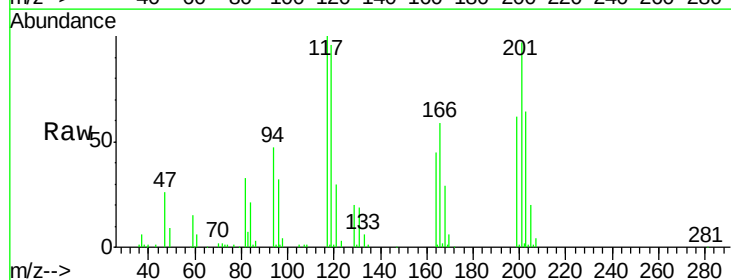


Abundance Ion 107.00 (106.70 to 107.70): E
250000
Ion 108.00 (107.70 to 108.70): E
200000
Ion 77.00 (76.70 to 77.70): BM
150000
Ion 79.00 (78.70 to 79.70): BM
100000
50000
0

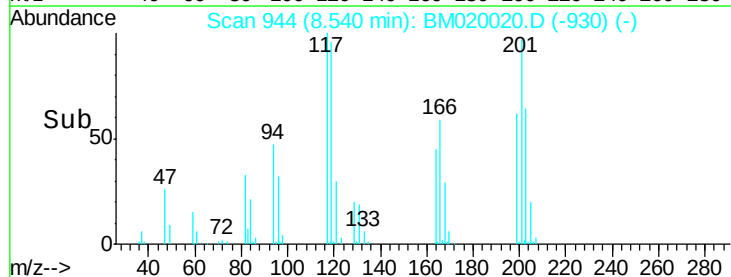
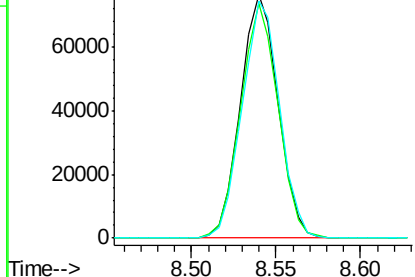


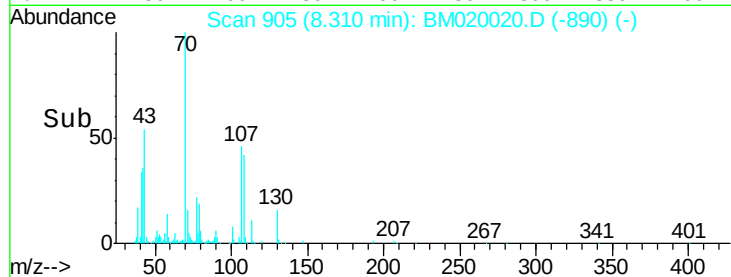
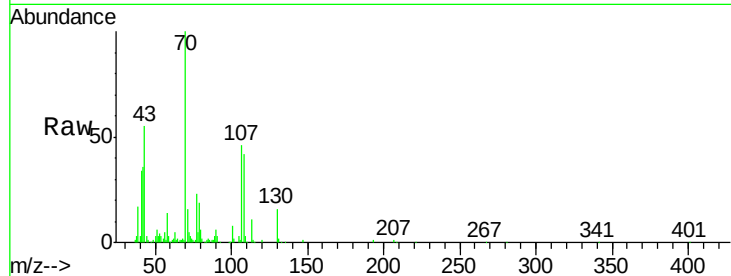
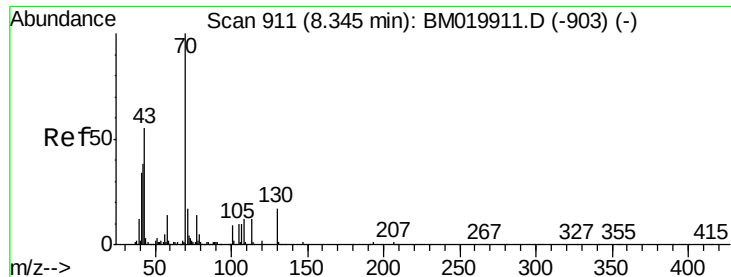
#18
Hexachloroethane
Concen: 37.840 ng
RT: 8.54 min Scan# 944
Delta R.T. -0.02 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Tgt Ion:	117	Resp:	118634
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.6	116.4
201	97.4	75.4	113.2



Abundance Ion 117.00 (116.70 to 117.70): E
100000
Ion 119.00 (118.70 to 119.70): E
80000
Ion 201.00 (200.70 to 201.70): E
60000
40000
20000
0

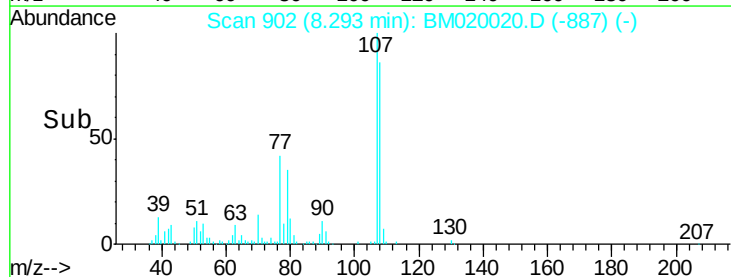
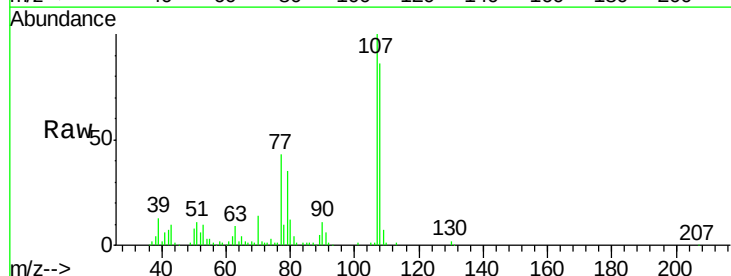
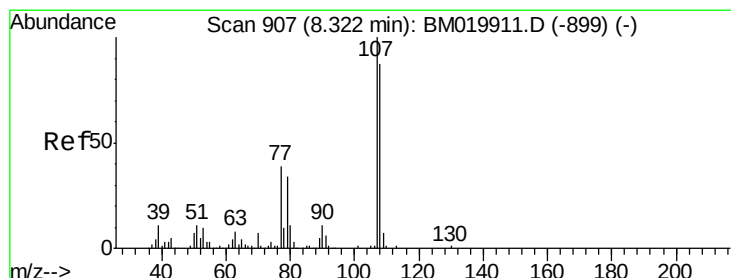
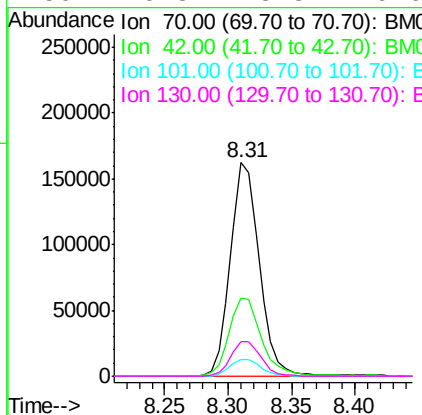




#19
n-Nitroso-di-n-propylamine
Concen: 31.962 ng
RT: 8.31 min Scan# 905
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

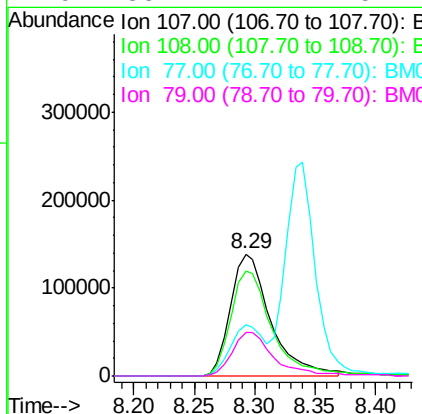
Instrument :
BNA_M
ClientSampled :

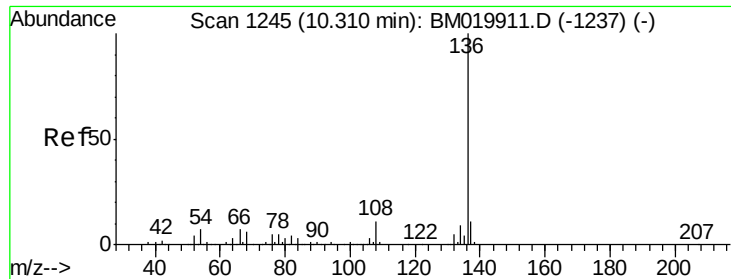
Tot Ion:	70	Resp:	257425
Ion	Ratio	Lower	Upper
70	100		
42	36.5	30.3	45.5
101	7.9	6.9	10.3
130	16.3	13.8	20.6



#20
3+4-Methylphenols
Concen: 35.195 ng
RT: 8.29 min Scan# 902
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Tgt Ion:	107	Resp:	320319
Ion	Ratio	Lower	Upper
107	100		
108	85.9	67.4	107.4
77	42.6	19.7	59.7
79	35.4	14.1	54.1

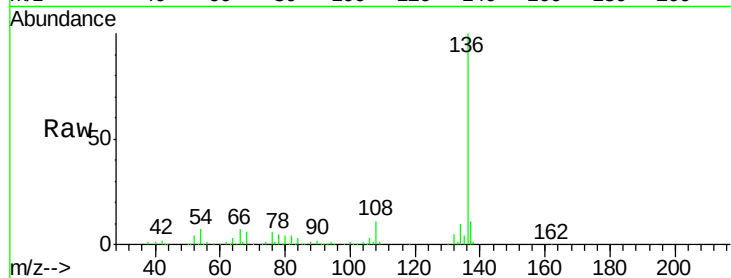




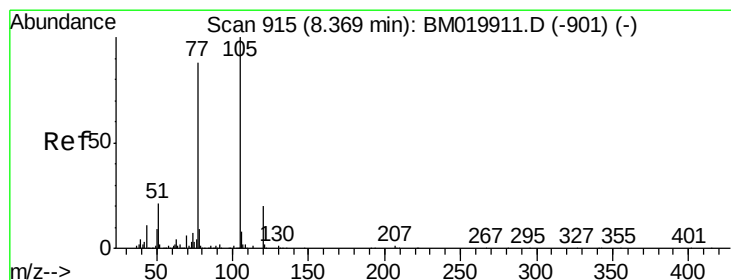
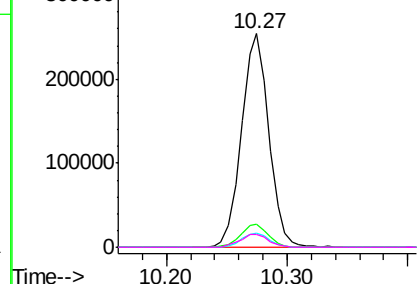
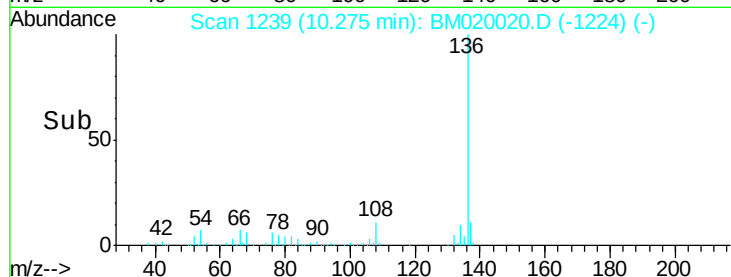
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.27 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	401509
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	6.6	5.3 7.9
68	5.8	5.2 7.8

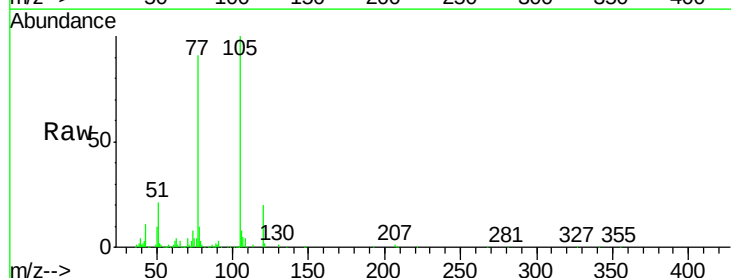


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

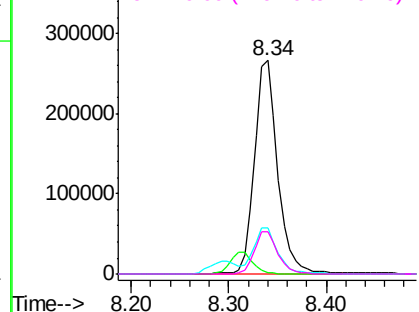
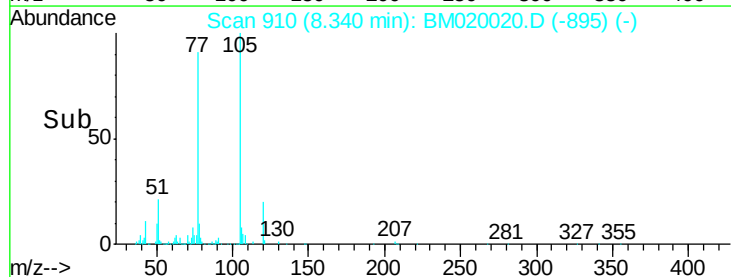


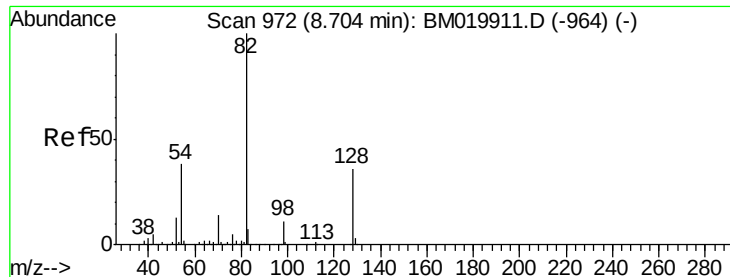
#22
Acetophenone
Concen: 40.711 ng
RT: 8.34 min Scan# 910
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Tgt Ion:105	Resp:	445209
Ion Ratio	Lower	Upper
105	100	
71	0.7	0.8 1.2#
51	21.5	16.9 25.3
120	19.8	16.4 24.6



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

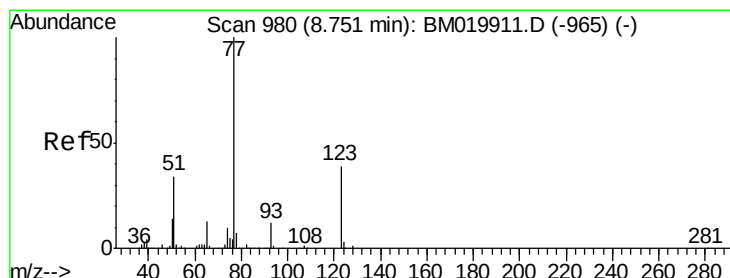
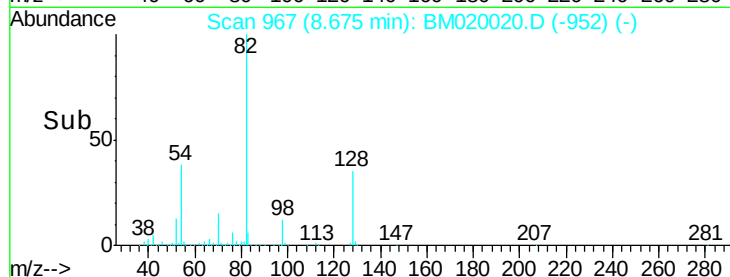
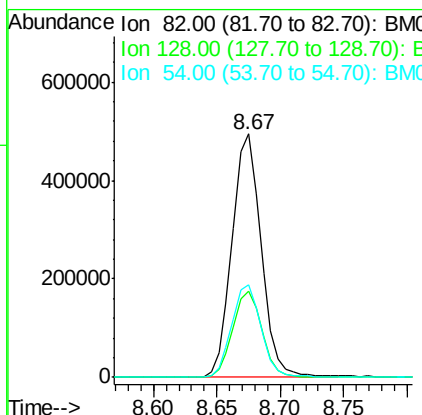
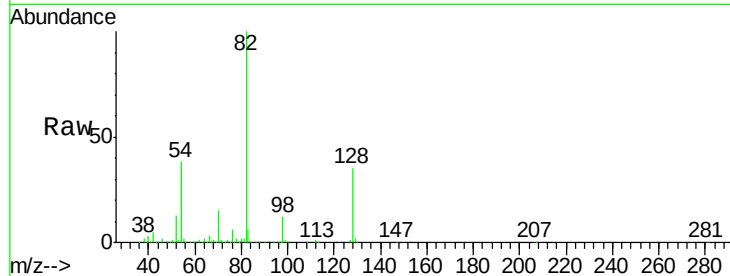




#23
 Nitrobenzene-d5
 Concen: 88.203 ng
 RT: 8.67 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

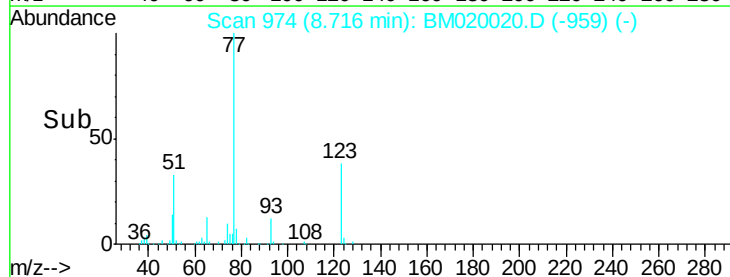
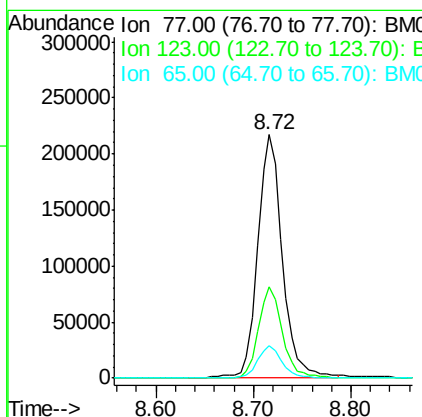
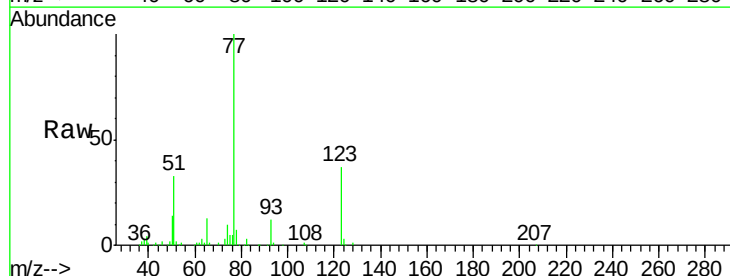
Instrument :
 BNA_M
 ClientSampleId :

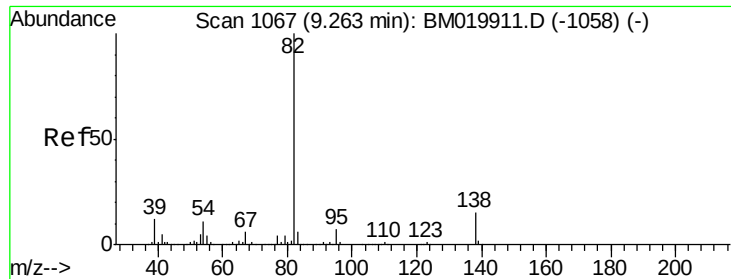
Tot Ion	82	Resp	791895
Ion Ratio	Lower	Upper	
82	100		
128	35.4	29.0	43.4
54	38.0	30.2	45.4



#24
 Nitrobenzene
 Concen: 40.886 ng
 RT: 8.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Tgt Ion	77	Resp	380260
Ion Ratio	Lower	Upper	
77	100		
123	37.4	31.0	46.4
65	13.2	10.6	16.0

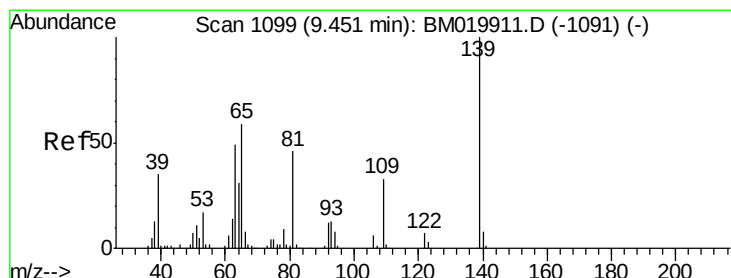
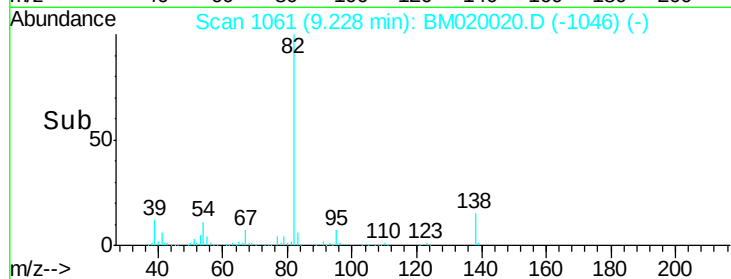
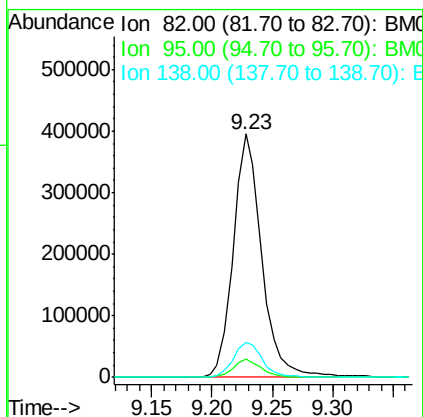
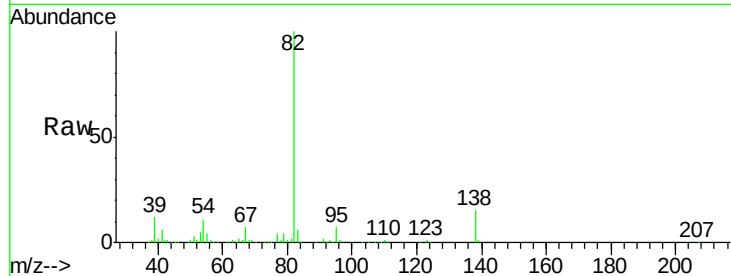




#25
Isophorone
Concen: 37.149 ng
RT: 9.23 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

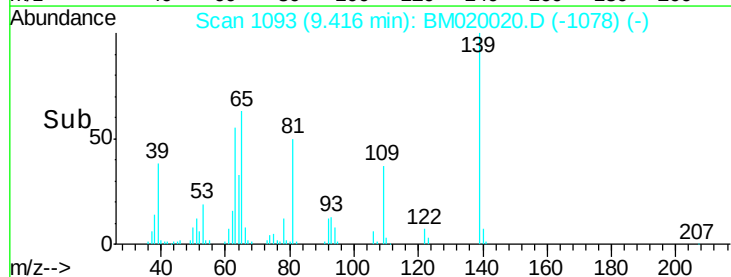
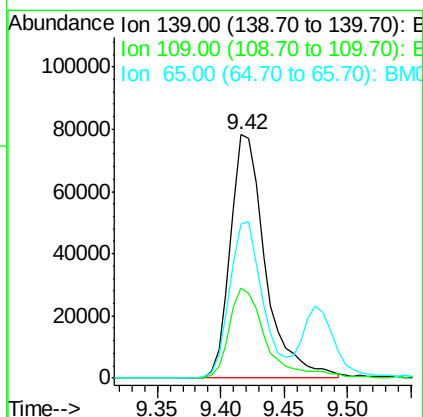
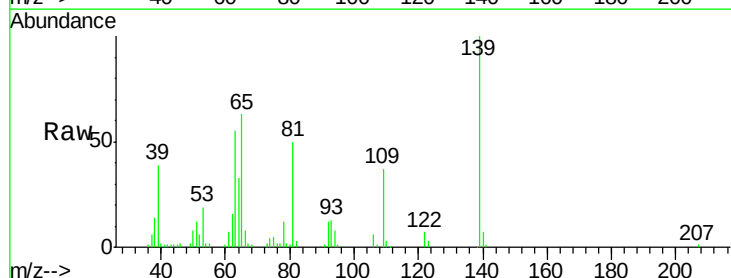
Instrument :
BNA_M
ClientSampleId :

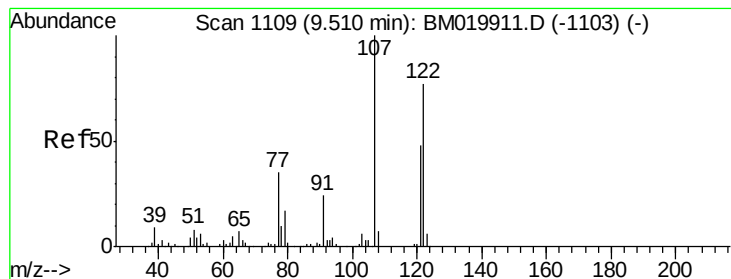
Tot Ion: 82 Resp: 649252
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 14.6 12.2 18.2



#26
2-Nitrophenol
Concen: 37.867 ng
RT: 9.42 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Tgt Ion: 139 Resp: 150082
Ion Ratio Lower Upper
139 100
109 37.1 26.3 39.5
65 63.0 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 45.970 ng

RT: 9.47 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

Instrument :

BNA_M

ClientSampled :

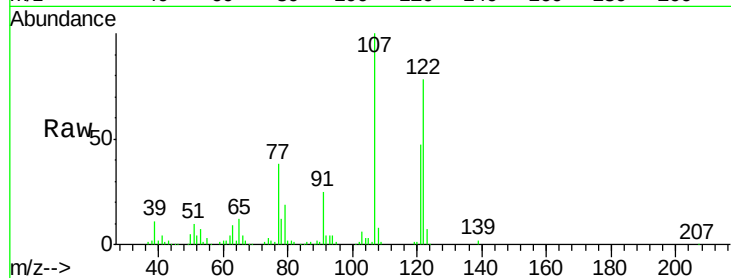
Tot Ion:122 Resp: 257611

Ion Ratio Lower Upper

122 100

107 128.7 103.1 154.7

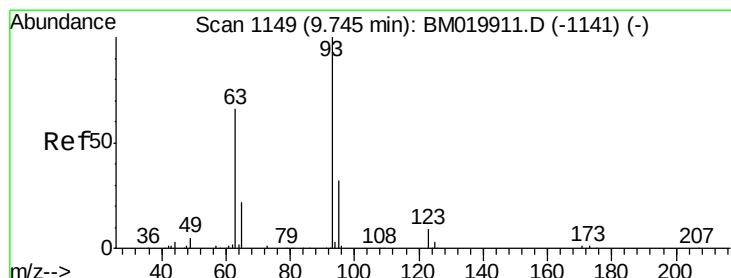
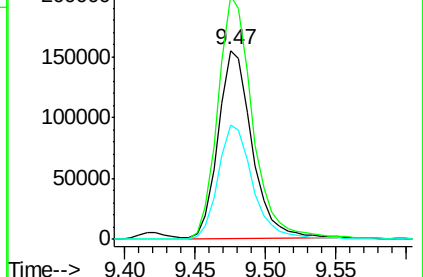
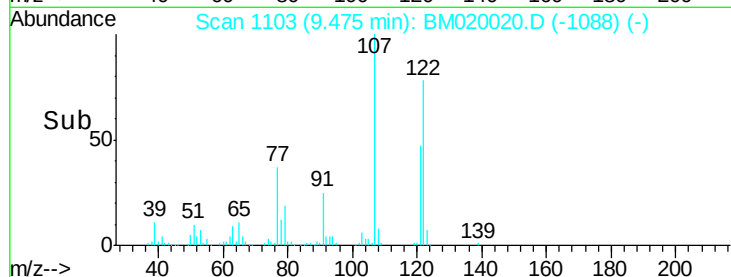
121 60.2 49.8 74.8



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: 36.797 ng

RT: 9.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

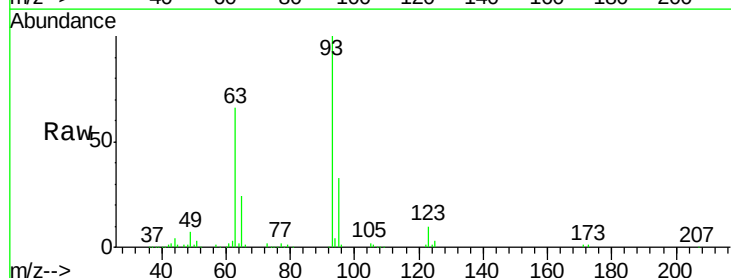
Tgt Ion: 93 Resp: 360107

Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

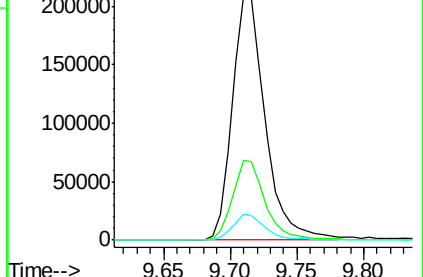
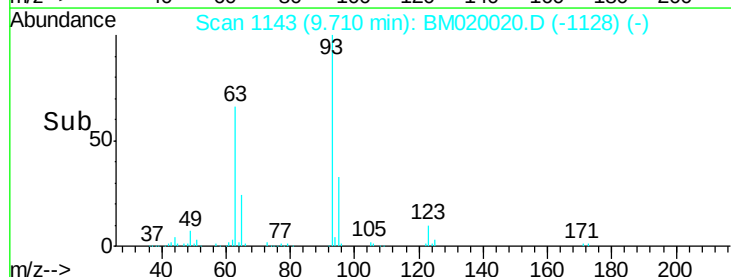
123 10.4 8.2 12.2

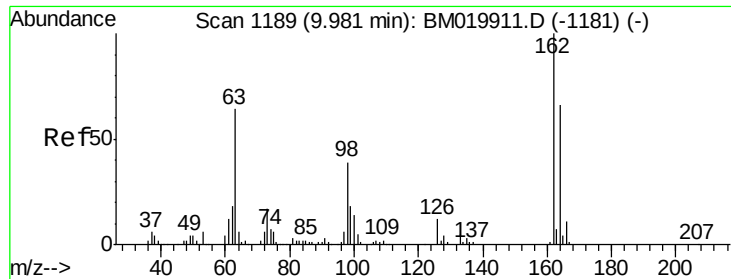


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

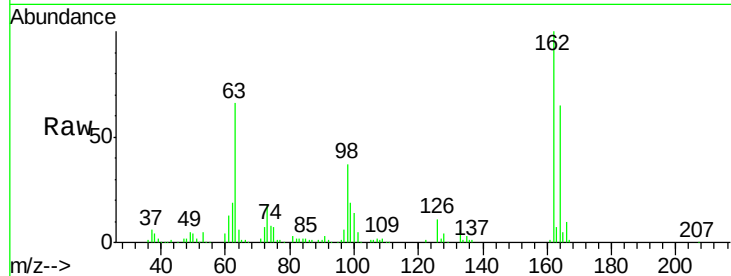




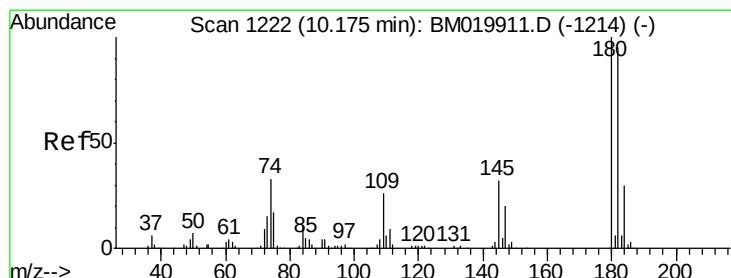
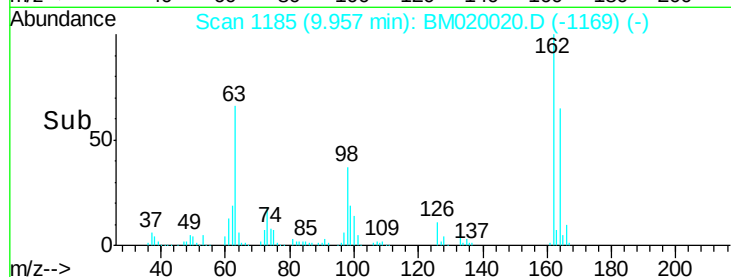
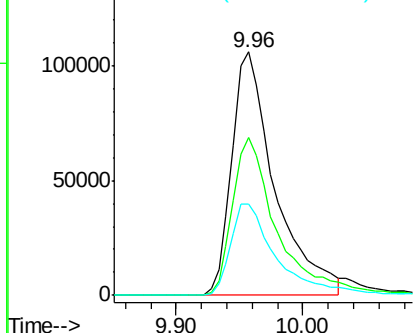
#29
2,4-Dichlorophenol
Concen: 39.406 ng
RT: 9.96 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	46.3	86.3
98	37.4	19.2	59.2

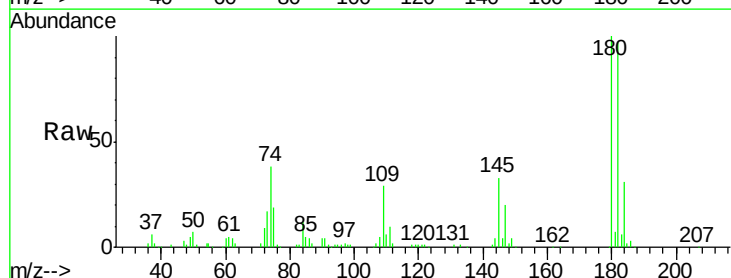


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

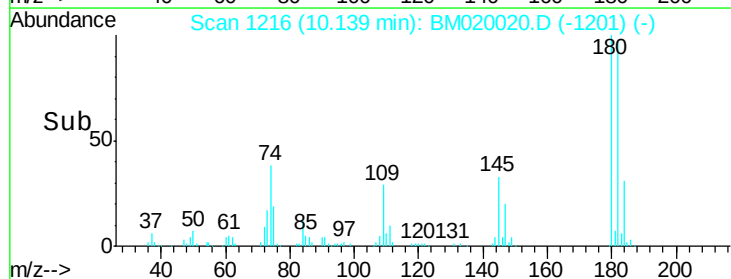
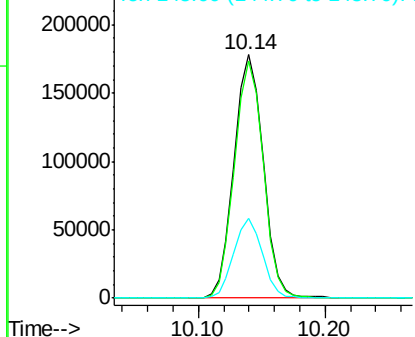


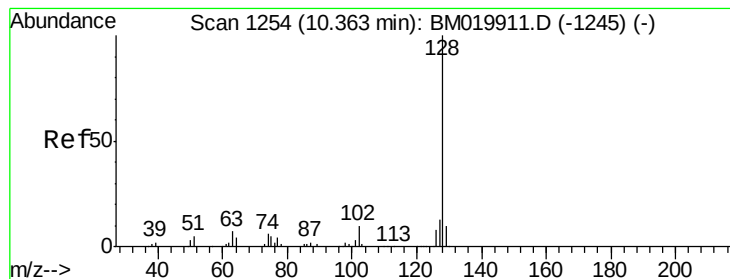
#30
1,2,4-Trichlorobenzene
Concen: 41.617 ng
RT: 10.14 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	76.3	114.5
145	32.7	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: 40.211 ng

RT: 10.32 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

Instrument :

BNA_M

ClientSampleId :

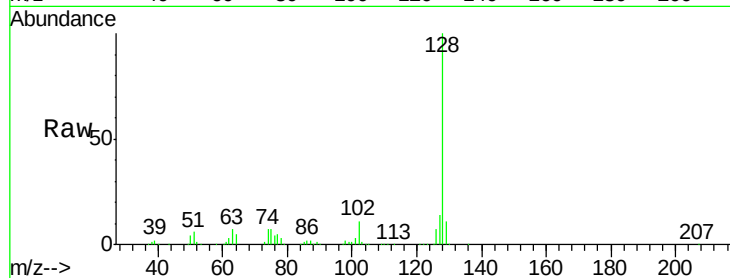
Tot Ion:128 Resp: 865979

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

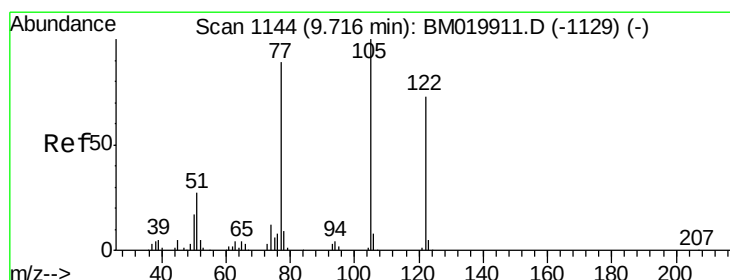
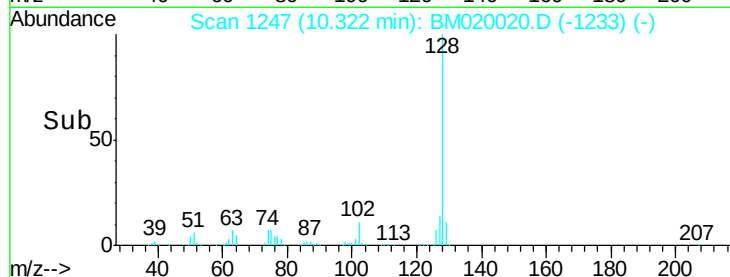
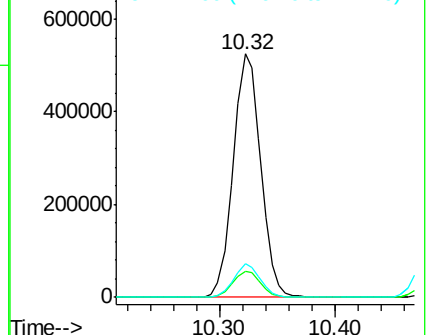
127 13.7 10.4 15.6



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: 6.063 ng

RT: 9.67 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

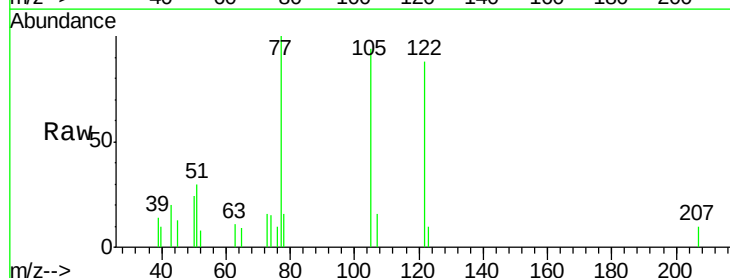
Tgt Ion:122 Resp: 5840

Ion Ratio Lower Upper

122 100

105 106.8 114.8 154.8#

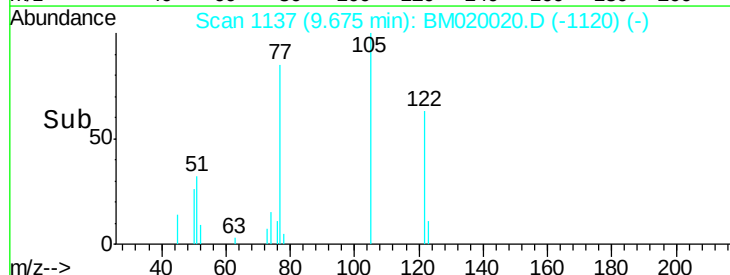
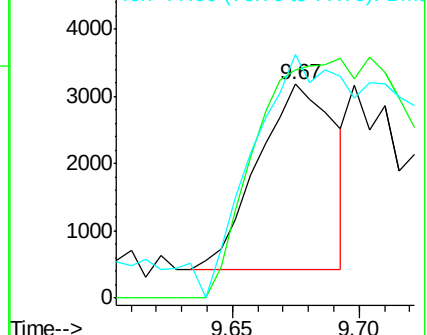
77 113.8 100.2 140.2

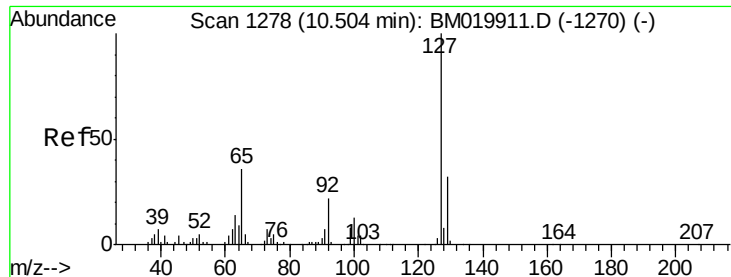


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

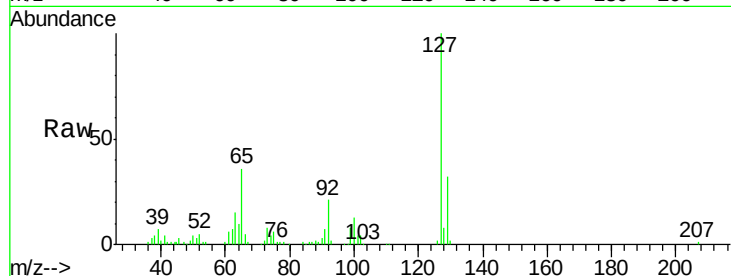




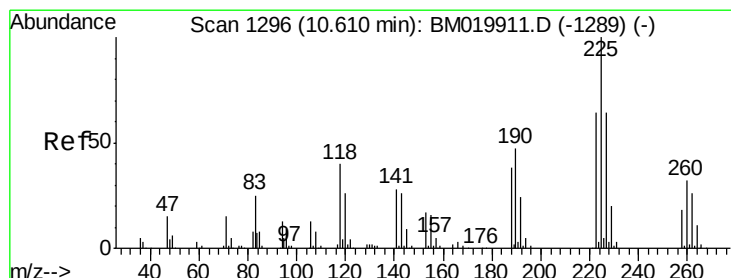
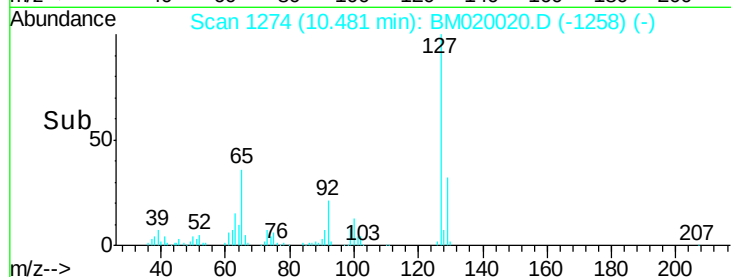
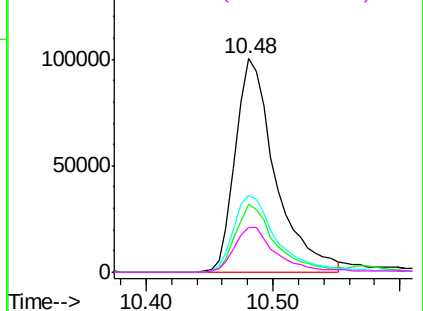
#33
4-Chloroaniline
Concen: 24.857 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	220530
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.0
65	35.9	29.2	43.8
92	21.2	17.5	26.3

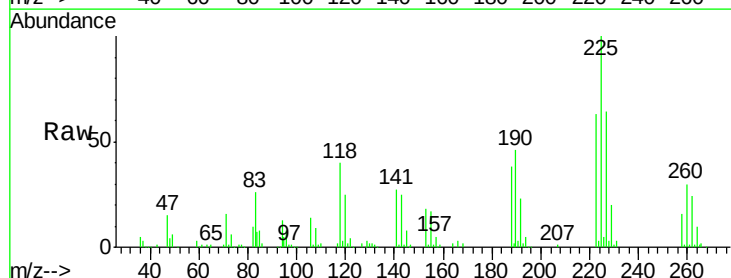


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

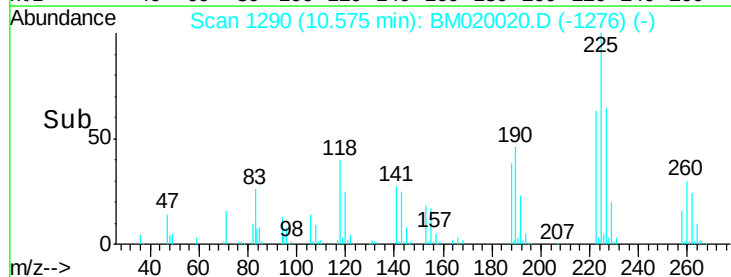
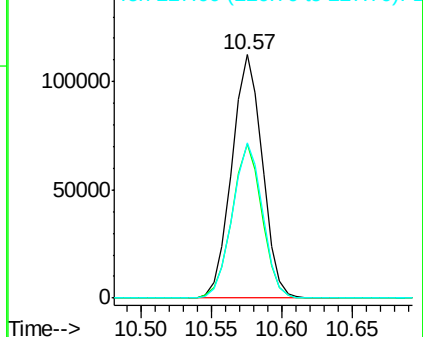


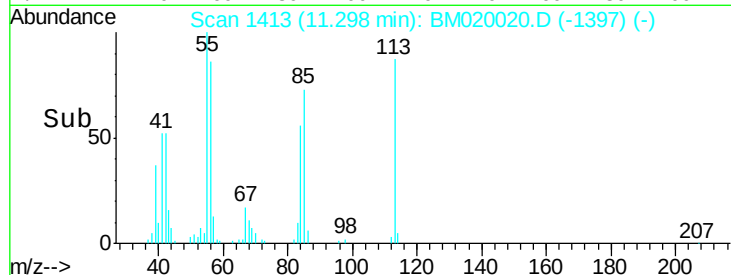
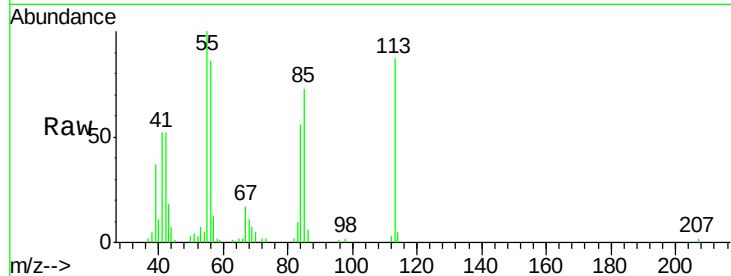
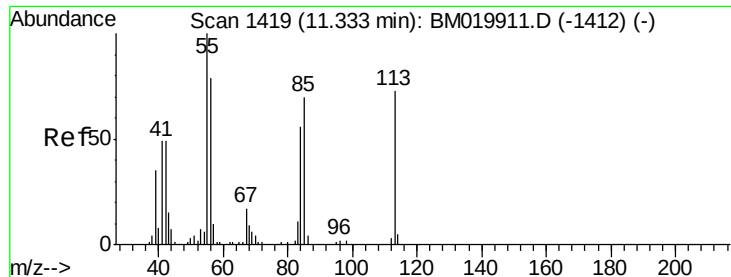
#34
Hexachlorobutadiene
Concen: 42.030 ng
RT: 10.57 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Tgt Ion:	225	Resp:	169807
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.4	77.2
227	63.6	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

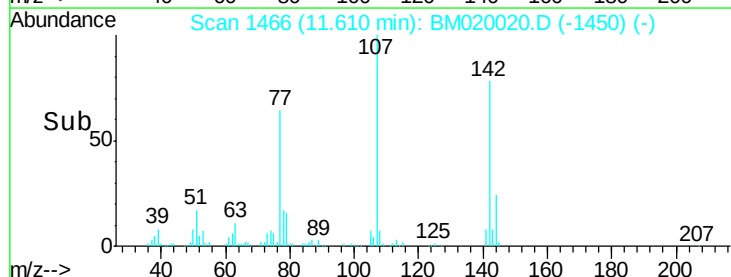
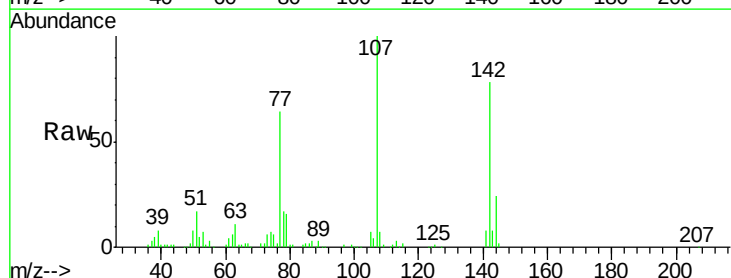
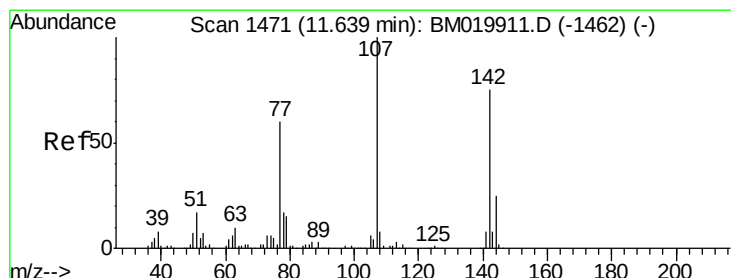
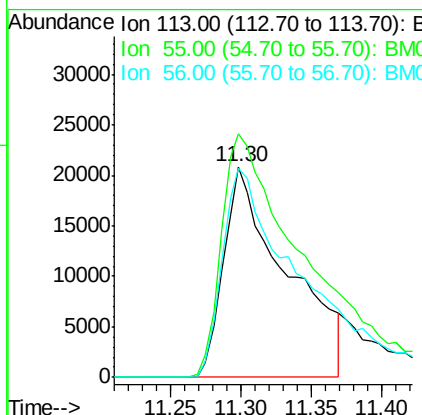




#35
Caprolactam
Concen: 26.718 ng
RT: 11.30 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

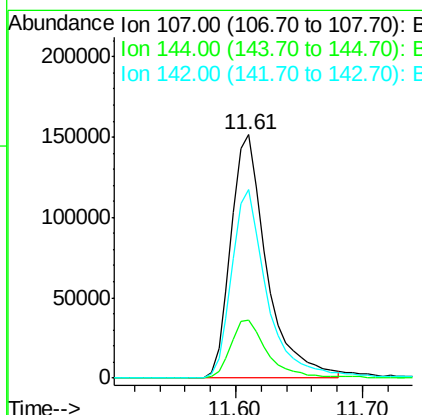
Instrument :
BNA_M
ClientSampleId :

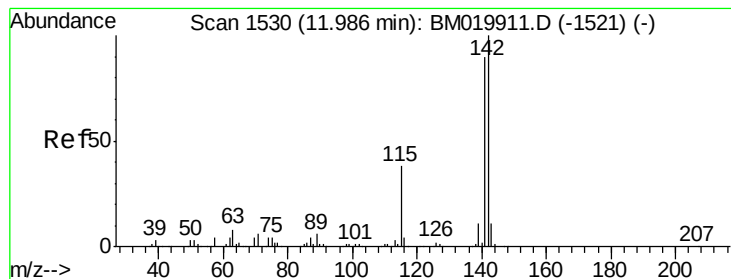
Tot Ion:113 Resp: 64368
Ion Ratio Lower Upper
113 100
55 115.5 117.1 157.1#
56 99.5 88.2 128.2



#36
4-Chloro-3-methylphenol
Concen: 37.553 ng
RT: 11.61 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Tgt Ion:107 Resp: 296976
Ion Ratio Lower Upper
107 100
144 23.8 19.8 29.8
142 77.5 60.3 90.5

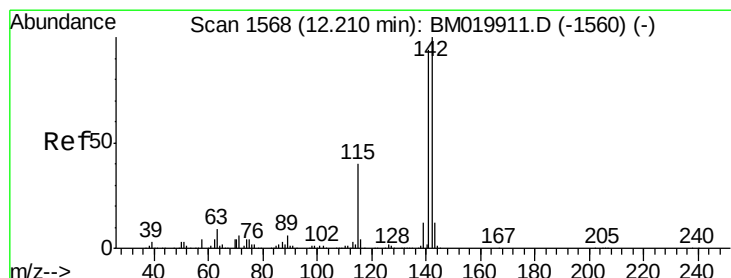
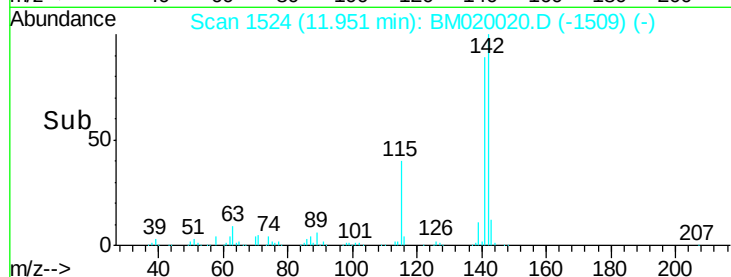
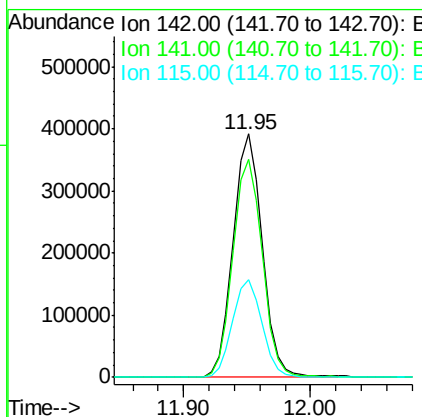
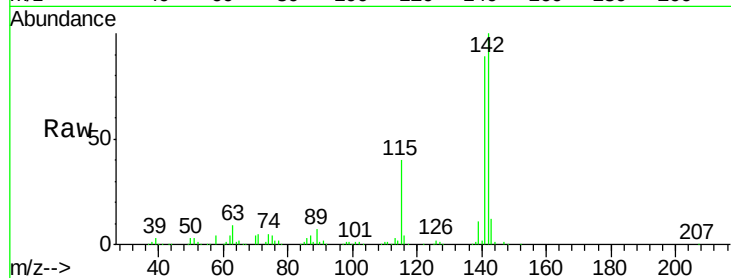




#37
 2-Methylnaphthalene
 Concen: 39.781 ng
 RT: 11.95 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

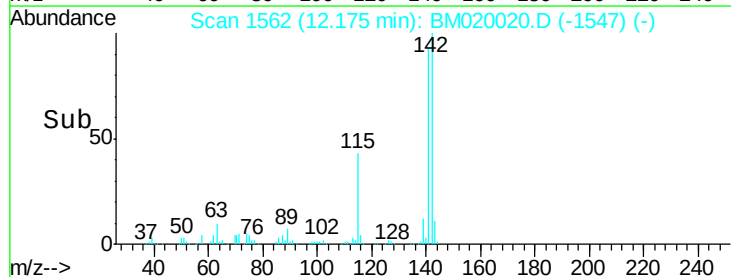
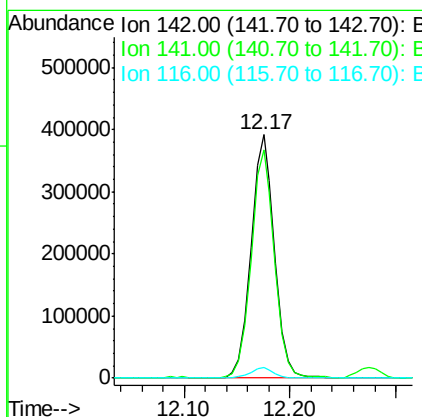
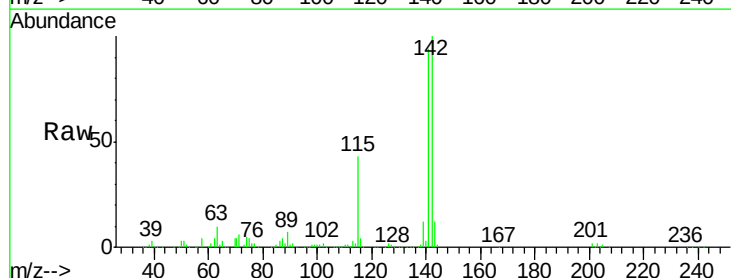
Instrument :
 BNA_M
 ClientSampleId :

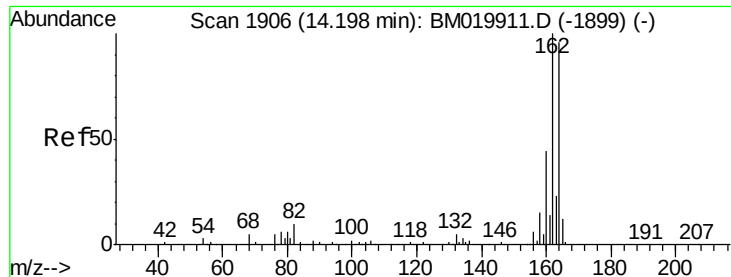
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.3	108.5
115	40.1	30.5	45.7



#38
 1-Methylnaphthalene
 Concen: 38.846 ng
 RT: 12.17 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.7	113.5
116	4.4	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

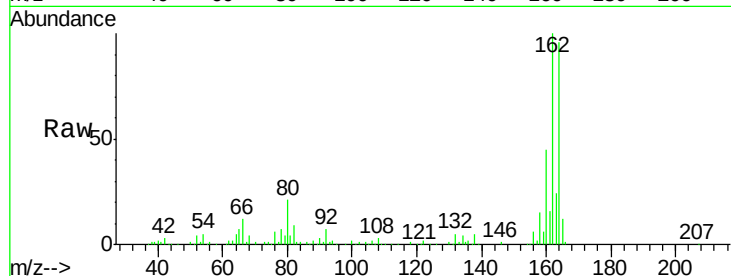
Instrument :

BNA_M

ClientSampled :

Tot Ion:164 Resp: 233578

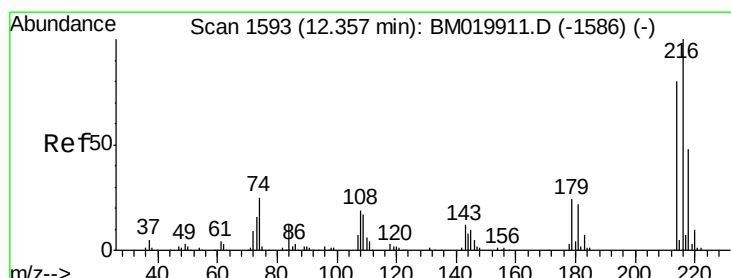
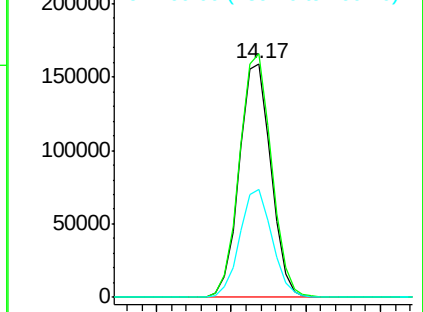
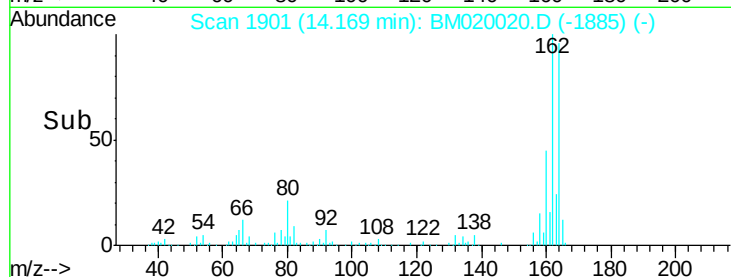
Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.0	124.4
160	46.5	36.6	55.0



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: 41.744 ng

RT: 12.33 min Scan# 1588

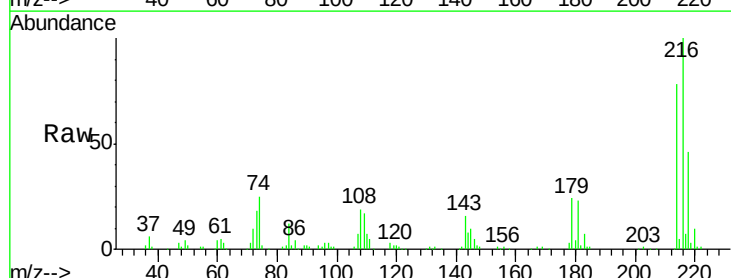
Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

Tgt Ion:216 Resp: 300796

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.1	94.7
179	23.5	19.0	28.6
108	20.4	16.3	24.5

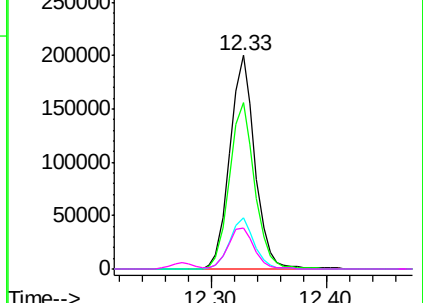
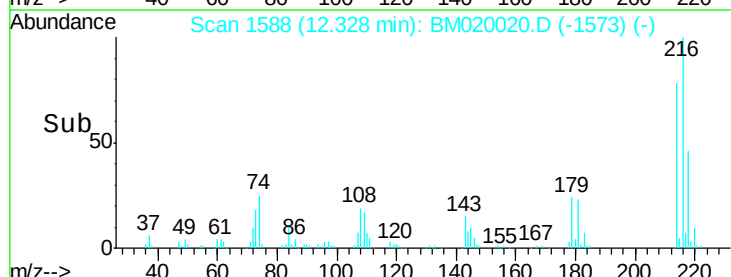


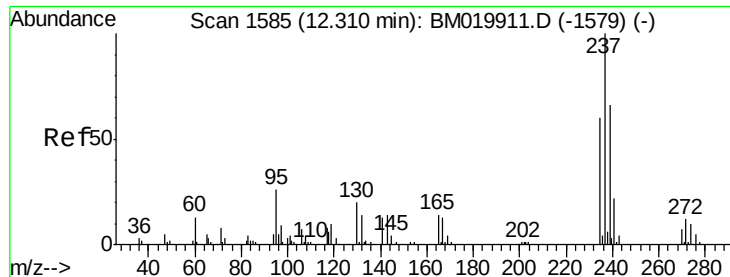
Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.751 ng

RT: 12.27 min Scan# 1579

Delta R.T. -0.02 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

Instrument :

BNA_M

ClientSampleId :

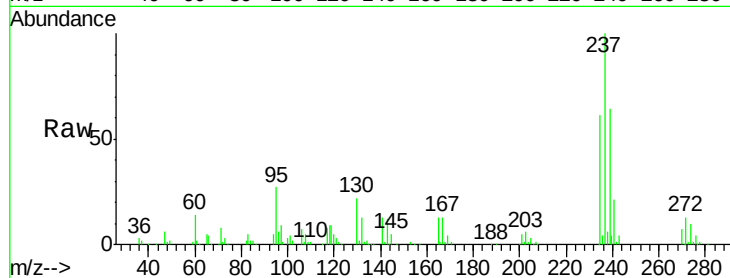
Tot Ion:237 Resp: 182439

Ion Ratio Lower Upper

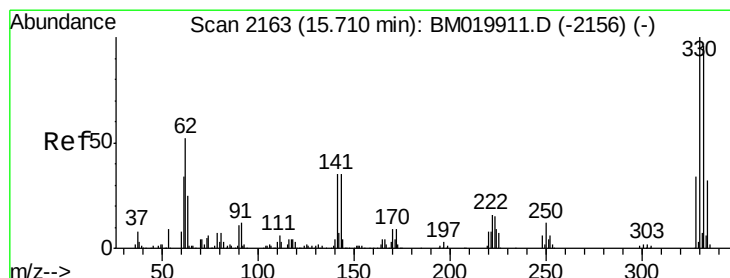
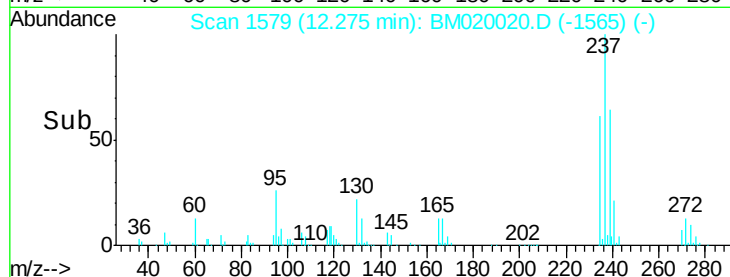
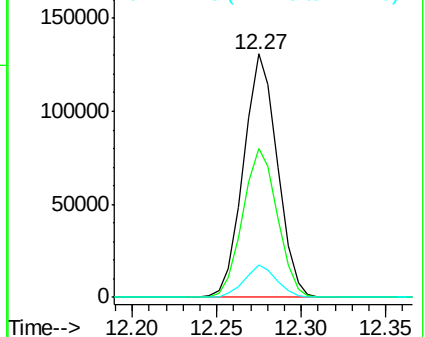
237 100

235 60.9 40.4 80.4

272 13.2 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: 131.355 ng

RT: 15.68 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

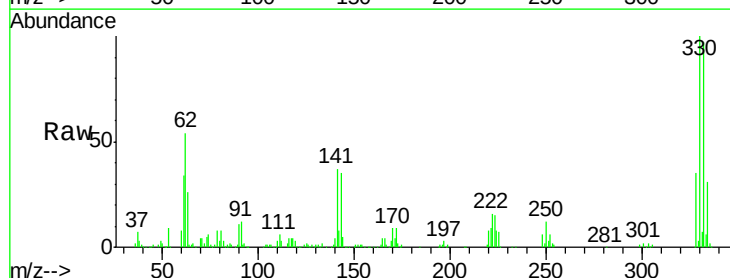
Tgt Ion:330 Resp: 493890

Ion Ratio Lower Upper

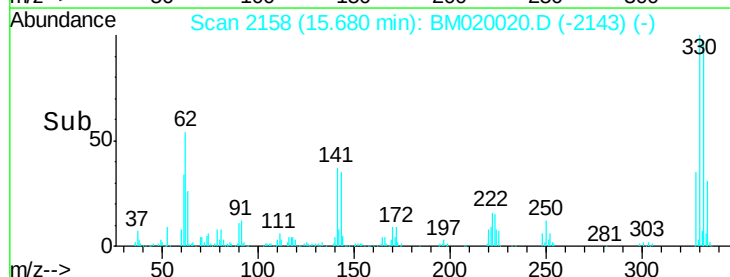
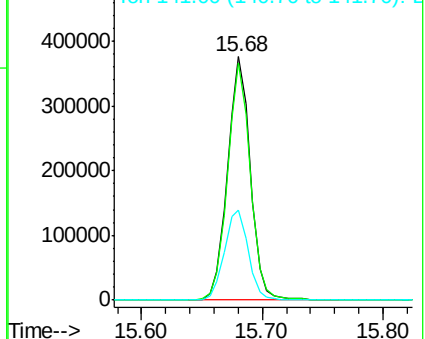
330 100

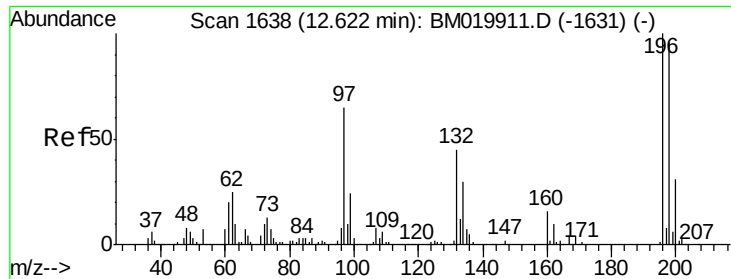
332 97.1 77.4 116.2

141 38.6 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

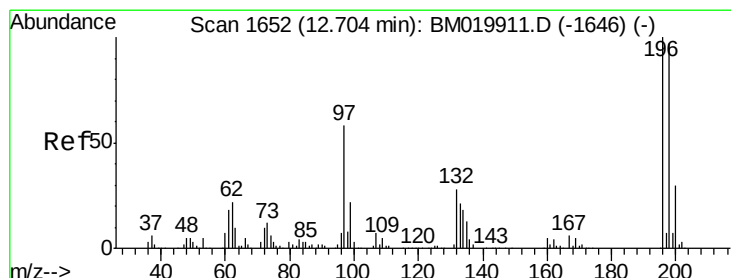
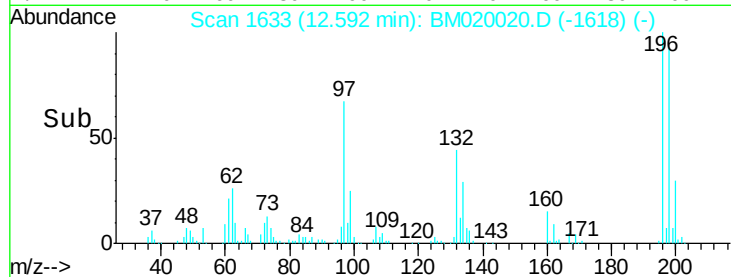
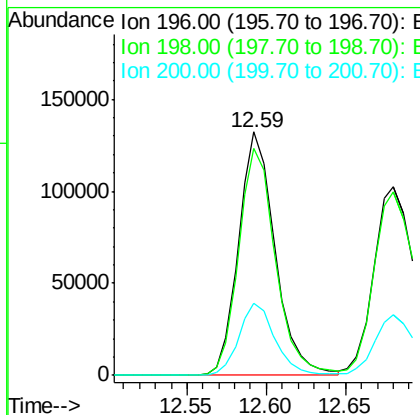
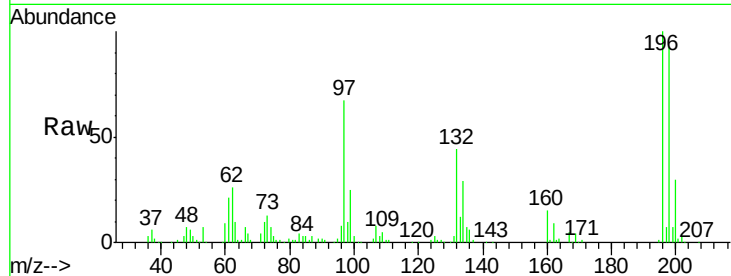




#43
 2,4,6-Trichlorophenol
 Concen: 43.276 ng
 RT: 12.59 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

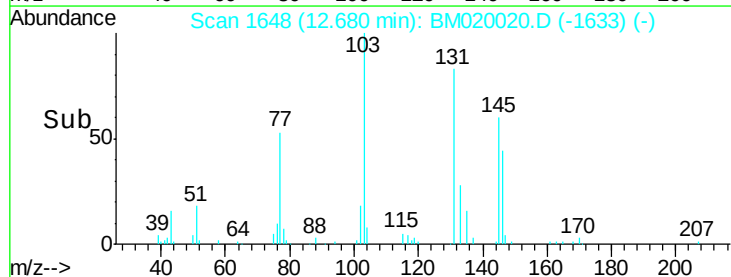
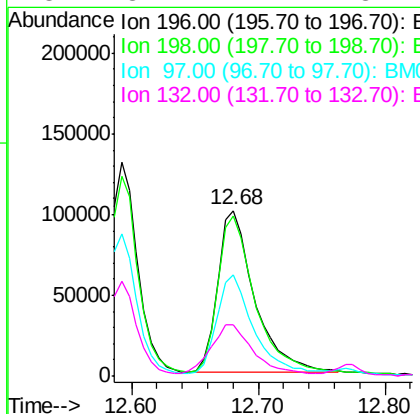
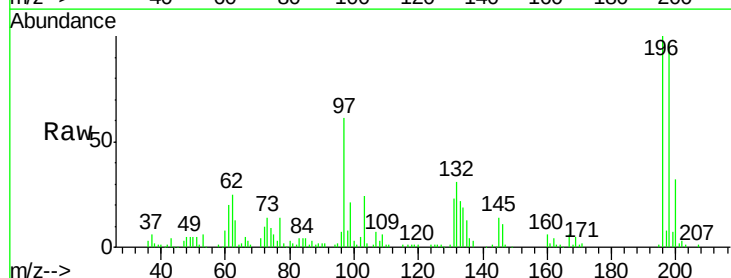
Instrument :
 BNA_M
 ClientSampleId :

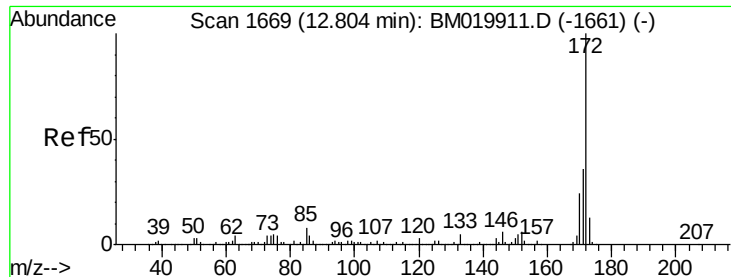
Tot Ion:196 Resp: 211415
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.8 115.2
 200 29.9 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 39.972 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Tgt Ion:196 Resp: 203238
 Ion Ratio Lower Upper
 196 100
 198 97.2 77.8 116.8
 97 61.1 46.2 69.2
 132 31.1 22.7 34.1



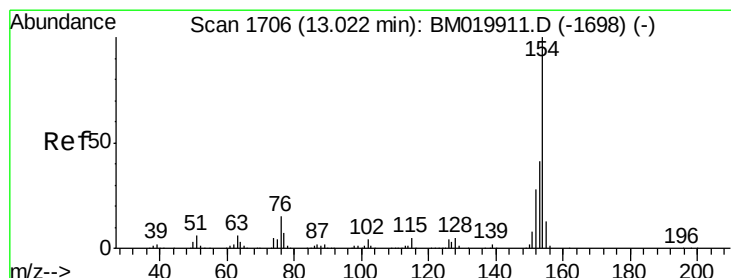
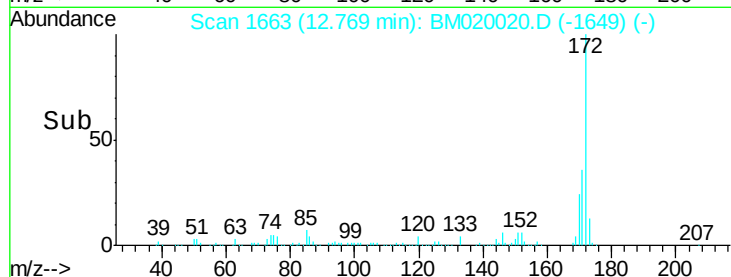
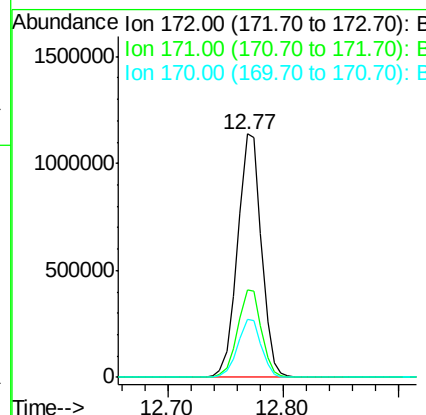
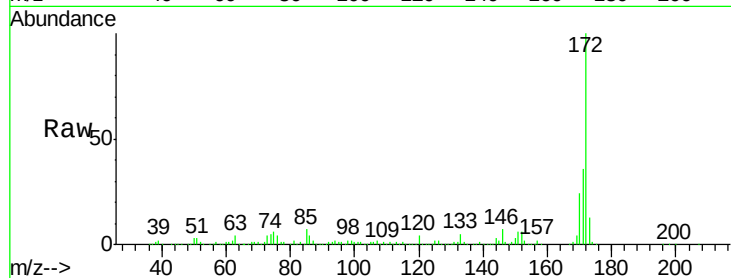


#45
 2-Fluorobiphenyl
 Concen: 86.831 ng
 RT: 12.77 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1627448

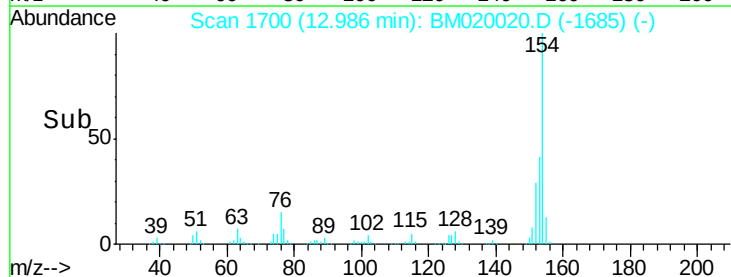
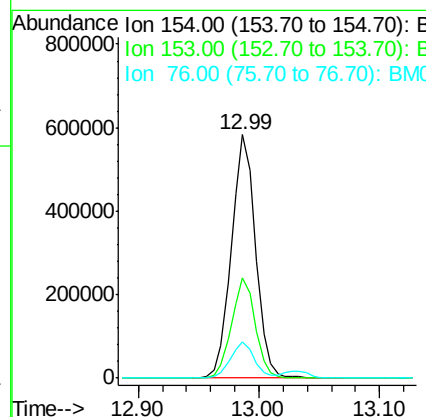
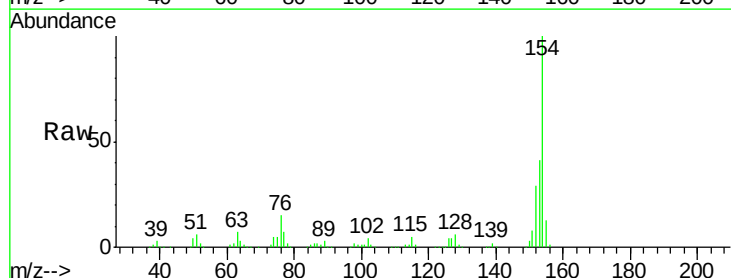
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.6	19.0	28.4

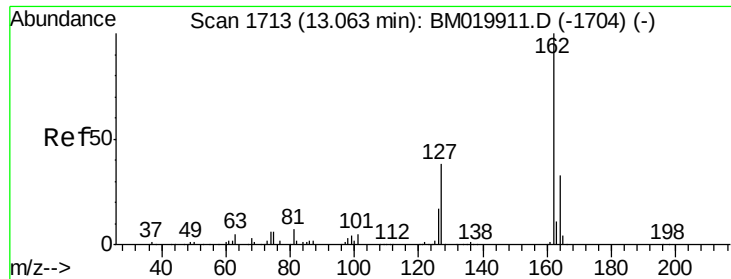


#46
 1,1'-Biphenyl
 Concen: 40.153 ng
 RT: 12.99 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Tgt Ion:154 Resp: 812337

Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.0	61.0
76	14.8	0.0	34.8

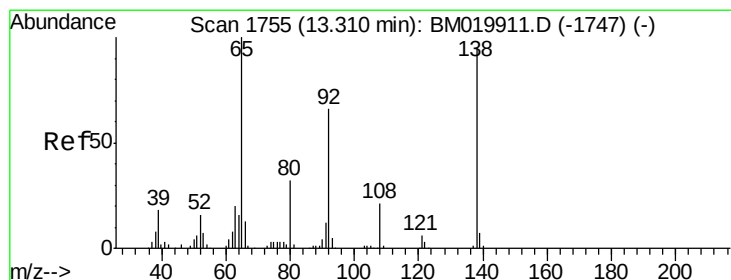
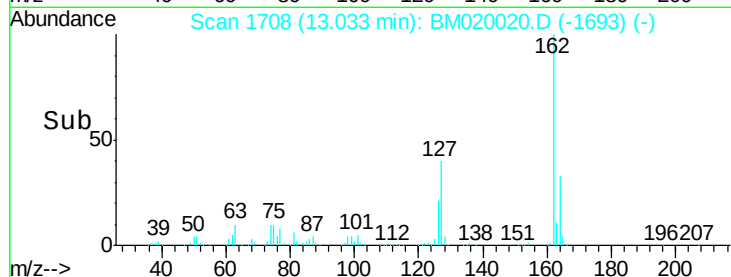
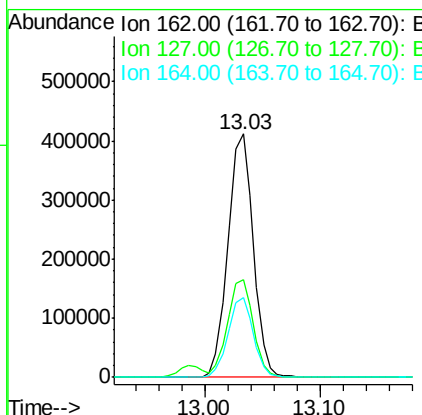
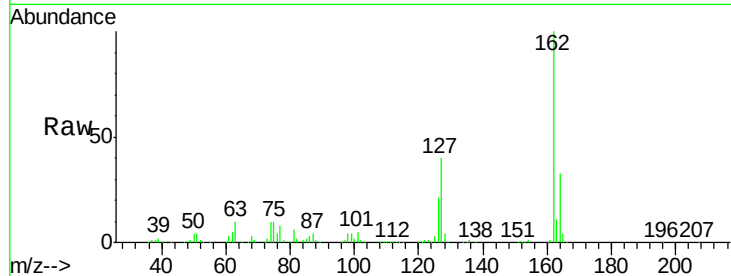




#47
 2-Chloronaphthalene
 Concen: 40.644 ng
 RT: 13.03 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

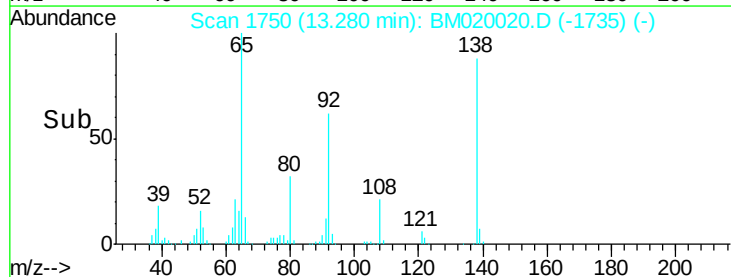
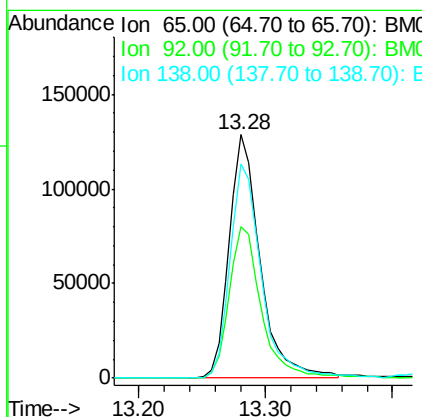
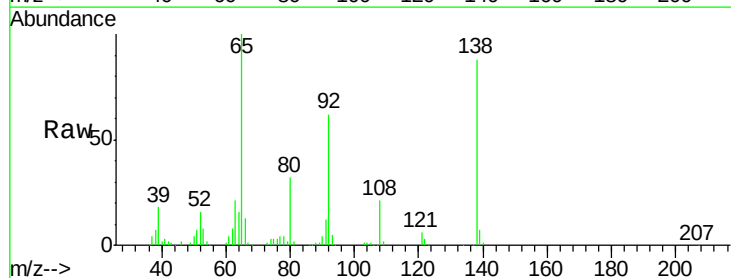
Instrument :
 BNA_M
 ClientSampled :

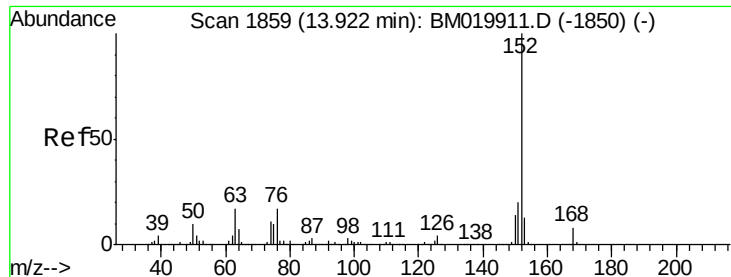
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.3	48.5
164	33.0	26.3	39.5



#48
 2-Nitroaniline
 Concen: 39.049 ng
 RT: 13.28 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.4	52.9	79.3
138	87.9	75.8	113.6





#49

Acenaphthylene

Concen: 38.274 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

Instrument :

BNA_M

ClientSampleId :

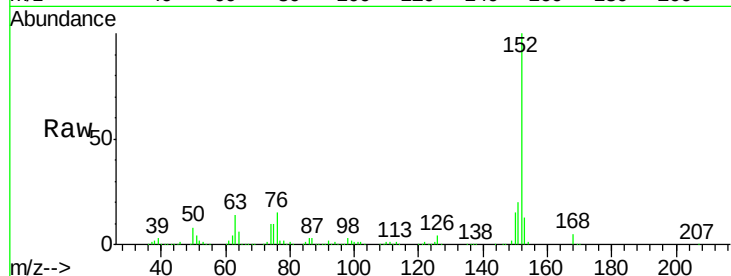
Tot Ion:152 Resp: 1027636

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

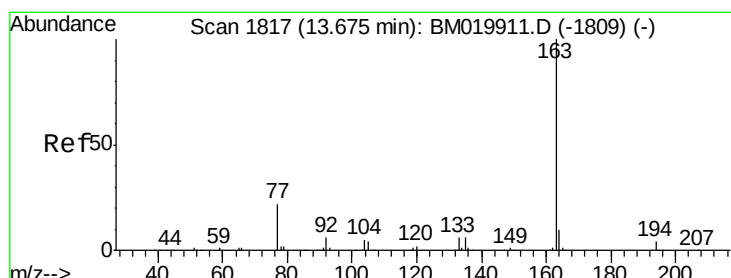
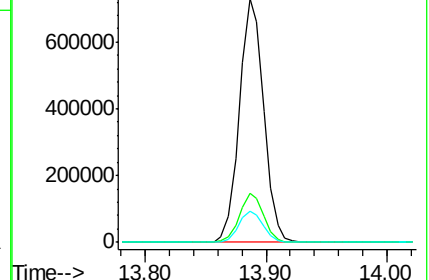
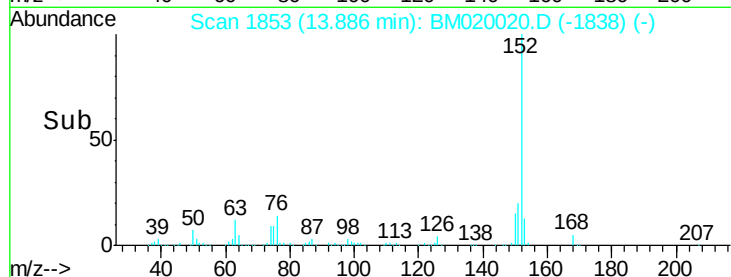
153 13.0 10.6 16.0



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: 39.858 ng

RT: 13.64 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

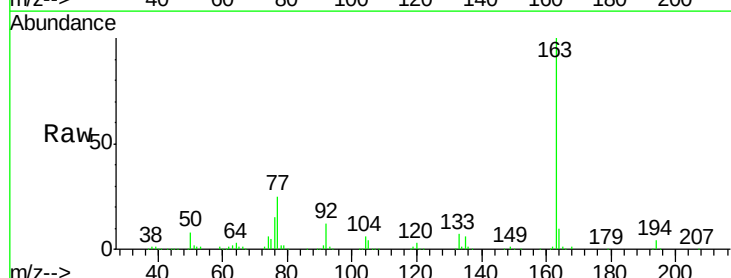
Tgt Ion:163 Resp: 821200

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

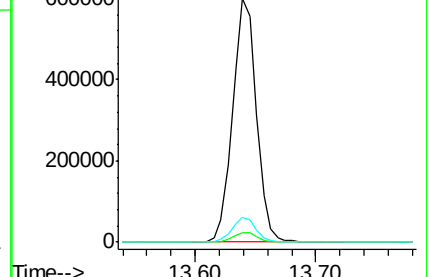
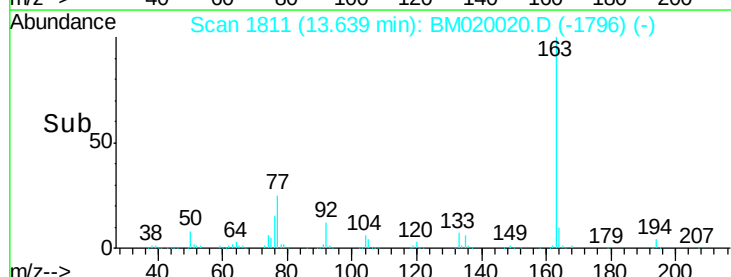
164 10.0 7.9 11.9

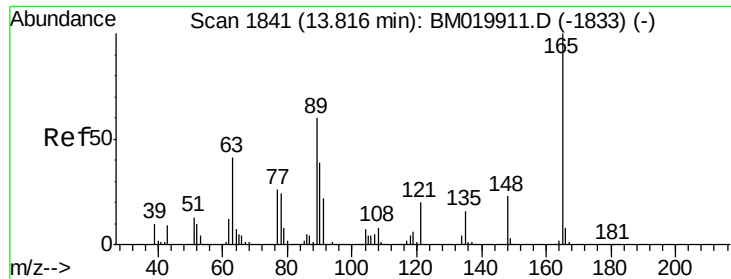


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

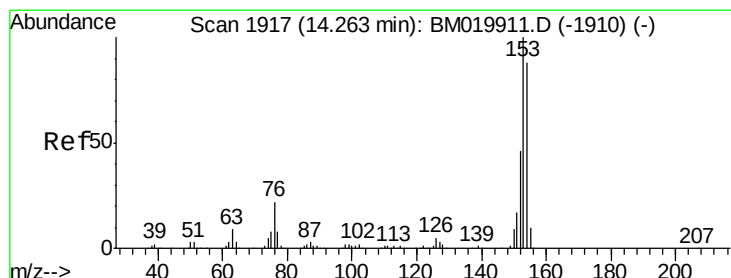
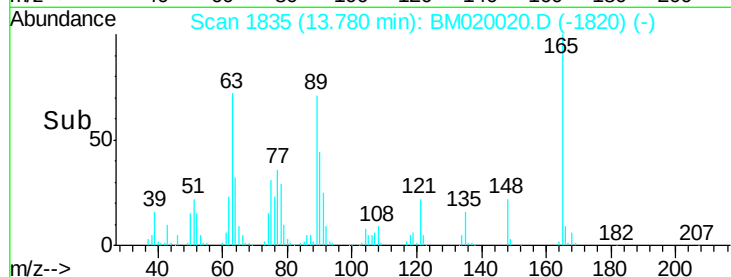
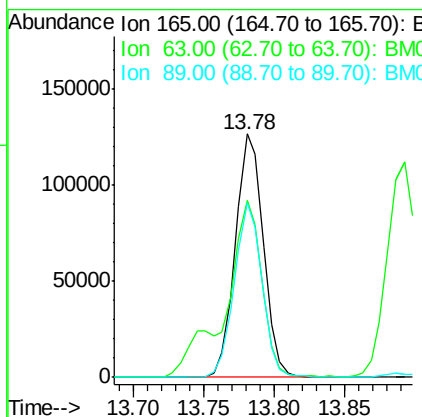
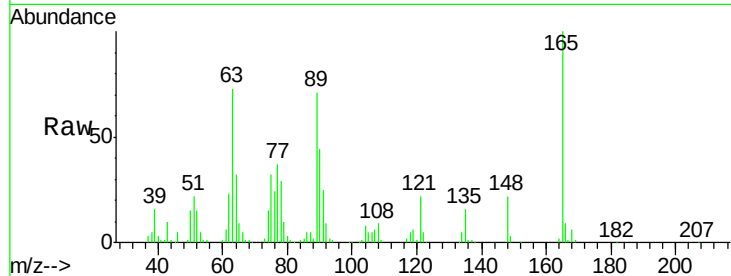




#51
 2,6-Dinitrotoluene
 Concen: 38.470 ng
 RT: 13.78 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

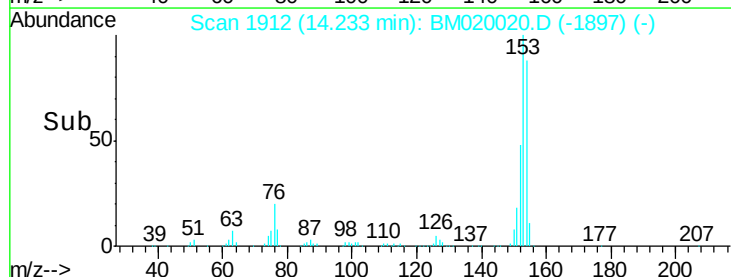
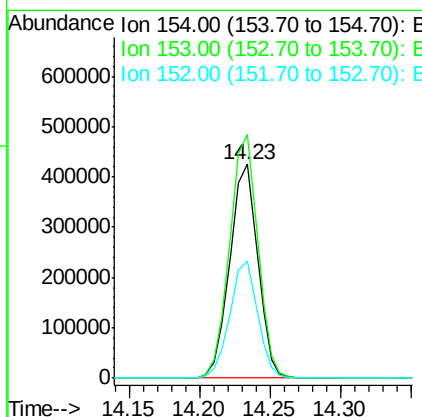
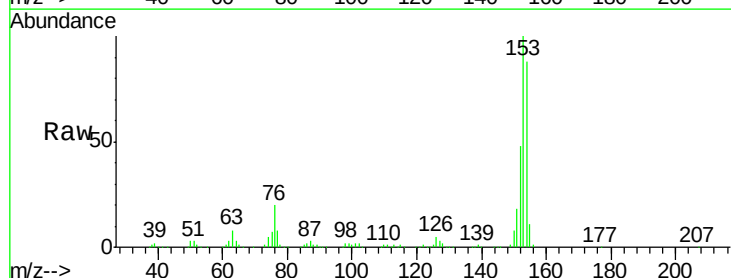
Instrument :
 BNA_M
 ClientSampleId :

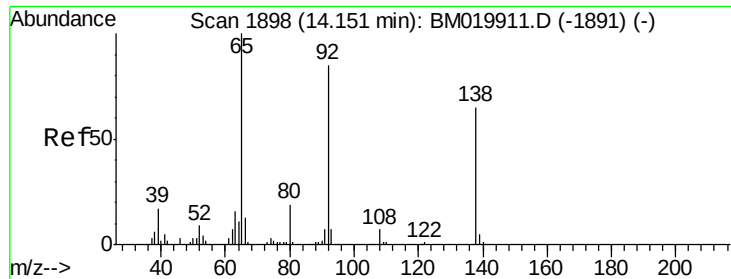
Tot Ion:165 Resp: 175265
 Ion Ratio Lower Upper
 165 100
 63 72.6 48.5 72.7
 89 71.5 48.2 72.4



#52
 Acenaphthene
 Concen: 39.692 ng
 RT: 14.23 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Tgt Ion:154 Resp: 590897
 Ion Ratio Lower Upper
 154 100
 153 113.9 91.0 136.4
 152 54.8 42.2 63.2

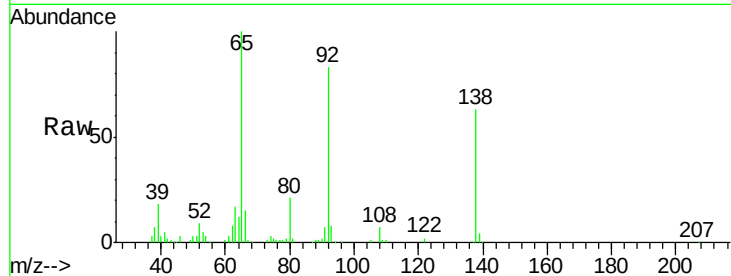




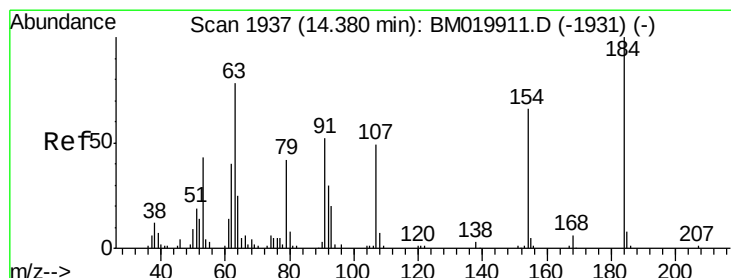
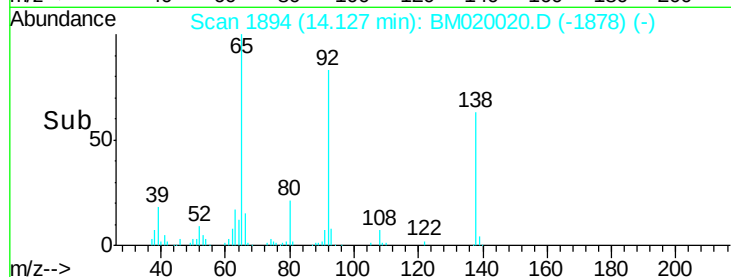
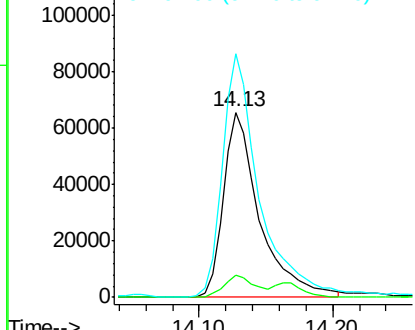
#53
 3-Nitroaniline
 Concen: 27.348 ng
 RT: 14.13 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion:138 Resp: 124411
 Ion Ratio Lower Upper
 138 100
 108 11.7 8.9 13.3
 92 131.6 103.8 155.8

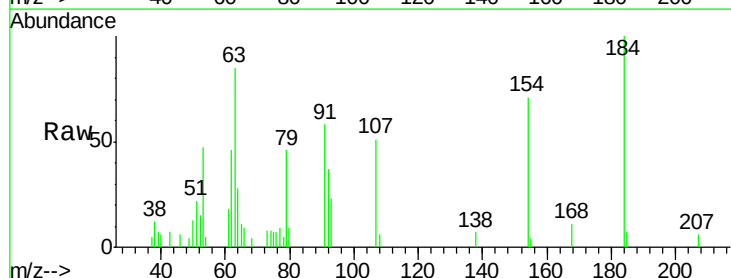


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BM0

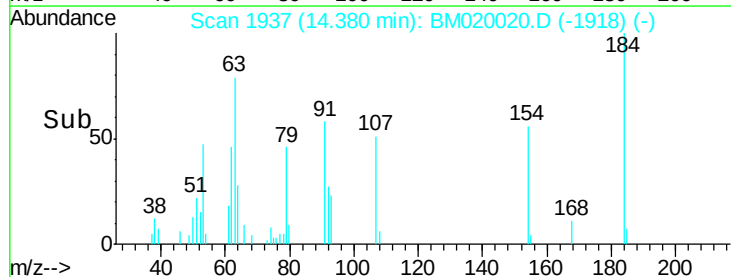
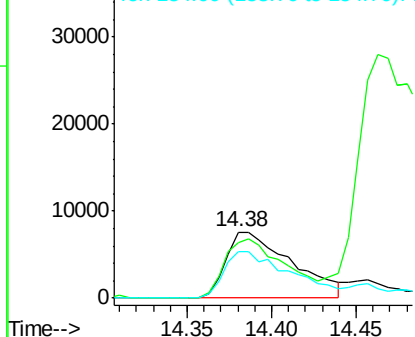


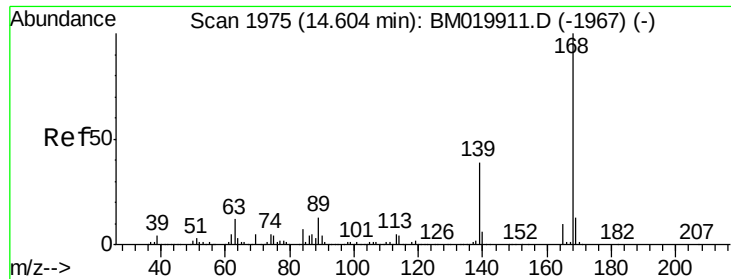
#54
 2,4-Dinitrophenol
 Concen: 14.304 ng
 RT: 14.38 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Tgt Ion:184 Resp: 20485
 Ion Ratio Lower Upper
 184 100
 63 84.7 62.3 93.5
 154 70.8 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 154.00 (153.70 to 154.70): E

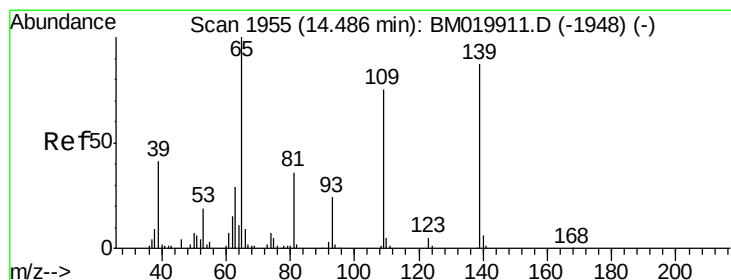
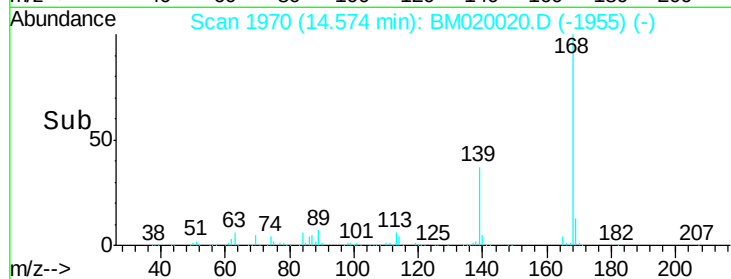
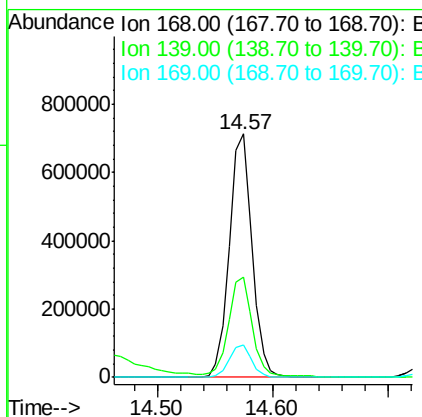
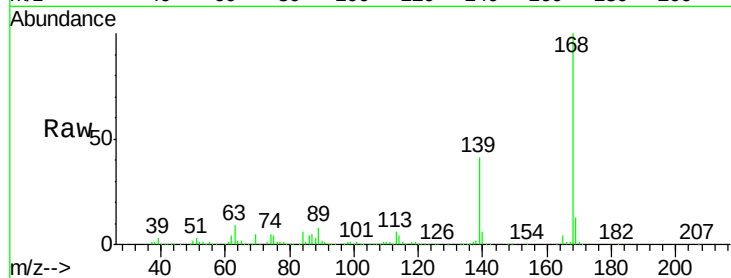




#55
Dibenzenofuran
Concen: 39.836 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

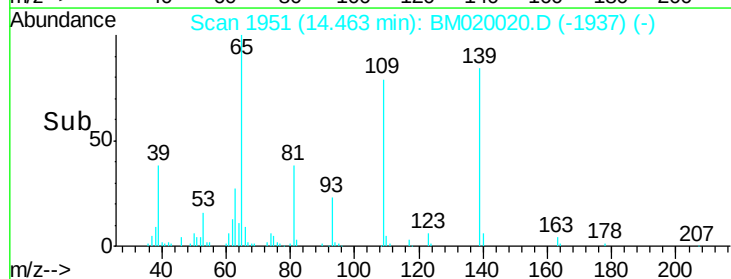
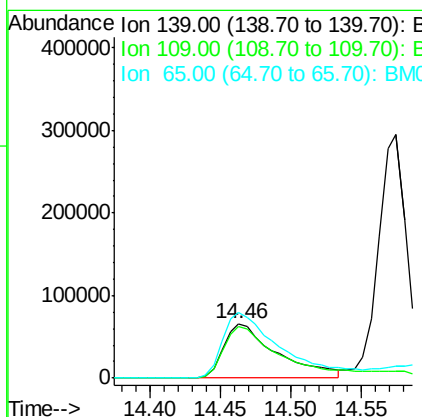
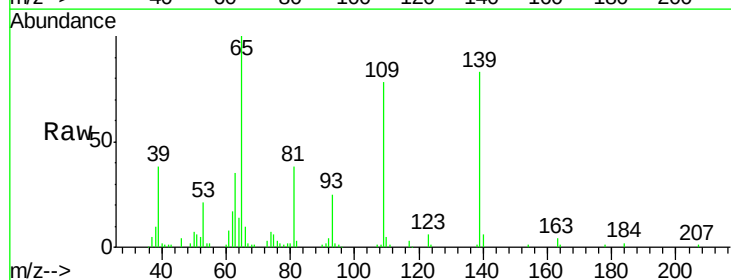
Instrument :
BNA_M
ClientSampleId :

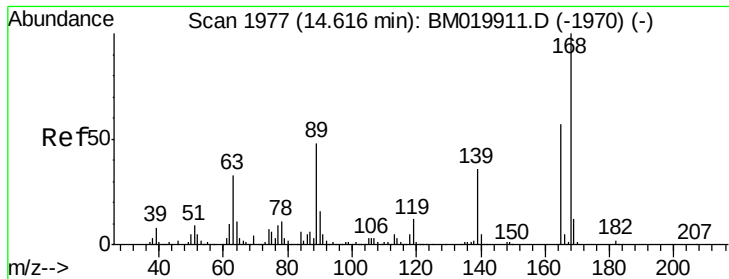
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.4	31.5	47.3
169	13.1	10.6	16.0



#56
4-Nitrophenol
Concen: 50.825 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.6	65.3	105.3
65	120.4	94.9	134.9

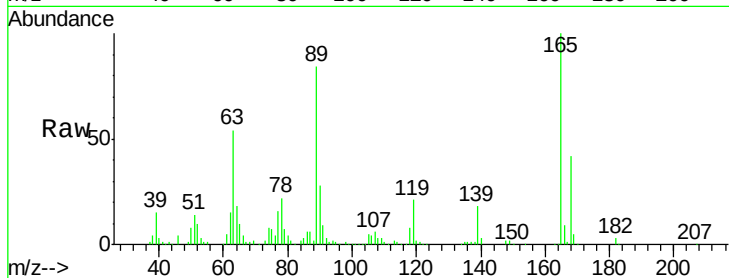




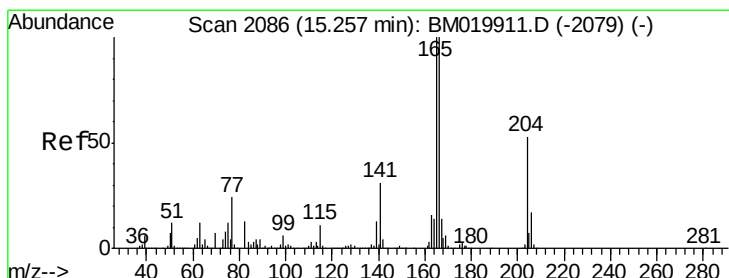
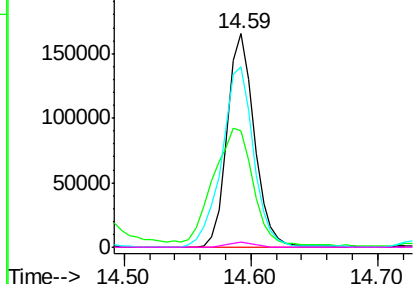
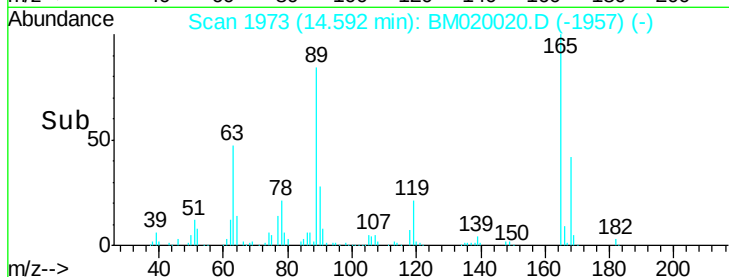
#57
 2,4-Dinitrotoluene
 Concen: 37.433 ng
 RT: 14.59 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:165 Resp: 245142
 Ion Ratio Lower Upper
 165 100
 63 54.4 46.0 69.0
 89 84.4 67.5 101.3
 182 2.6 2.4 3.6

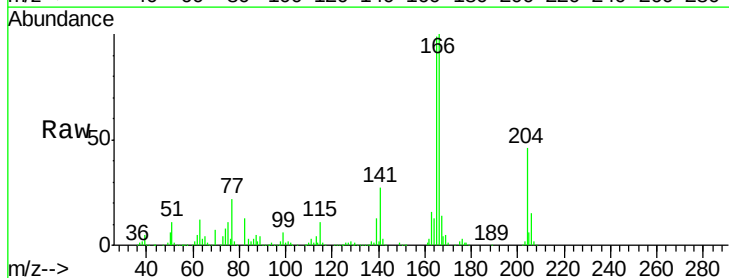


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

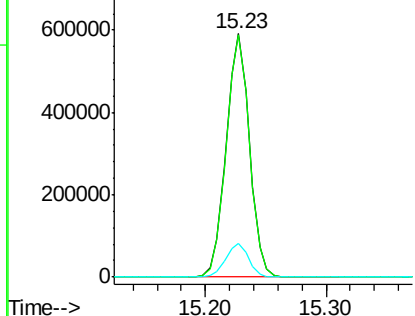
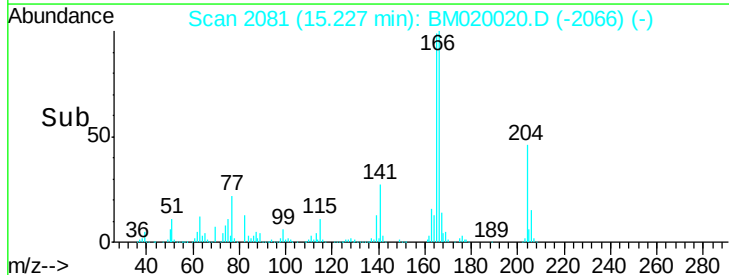


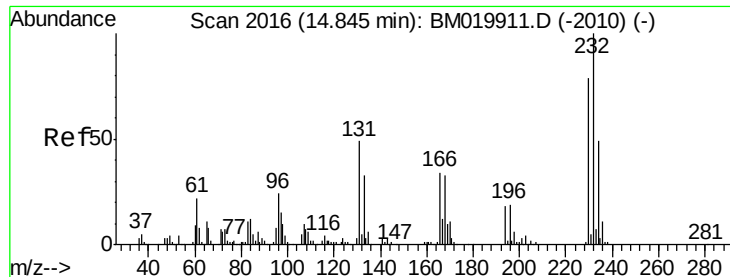
#58
 Fluorene
 Concen: 38.357 ng
 RT: 15.23 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Tgt Ion:166 Resp: 791222
 Ion Ratio Lower Upper
 166 100
 165 99.4 80.1 120.1
 167 13.9 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

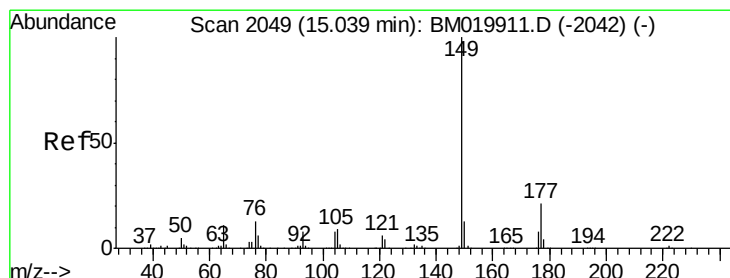
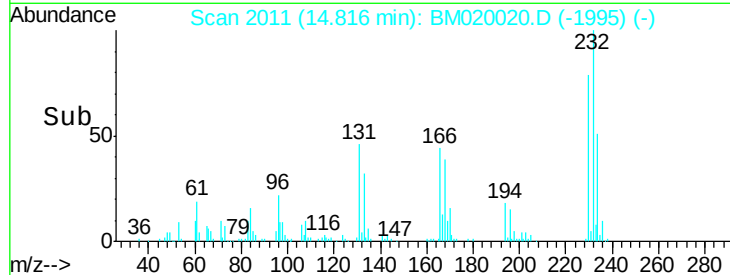
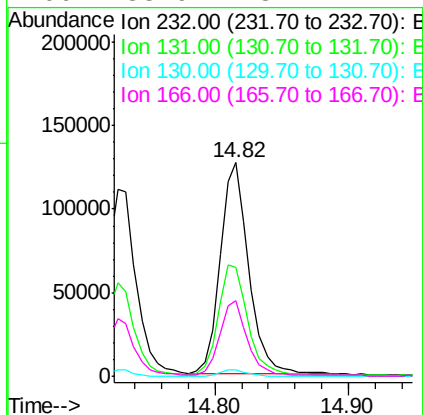
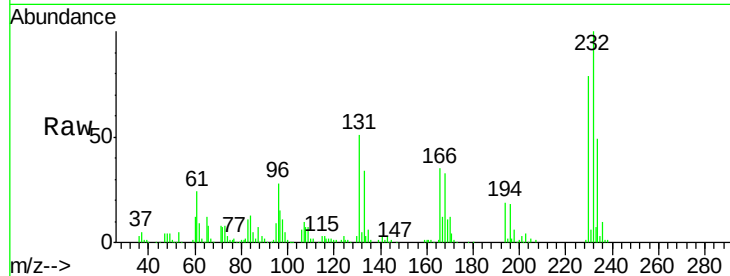




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.974 ng
 RT: 14.82 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

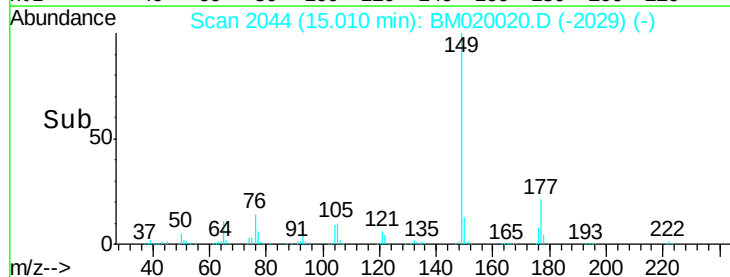
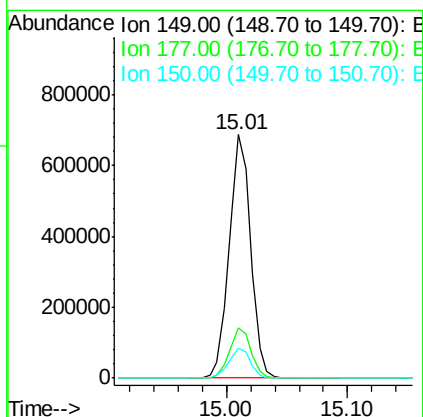
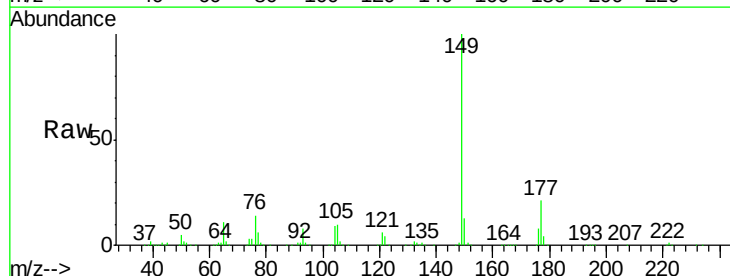
Instrument :
 BNA_M
 ClientSampleId :

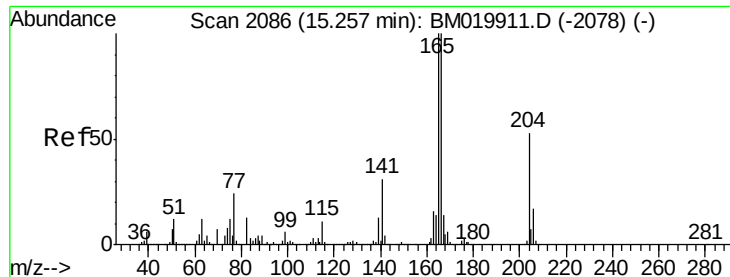
Tot Ion:232	Resp:	190091
Ion Ratio	Lower	Upper
232	100	
131	53.4	42.1 63.1
130	3.0	2.2 3.4
166	33.9	28.1 42.1



#60
 Diethylphthalate
 Concen: 39.835 ng
 RT: 15.01 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Tgt Ion:149	Resp:	853594
Ion Ratio	Lower	Upper
149	100	
177	20.7	16.6 25.0
150	12.5	10.0 15.0

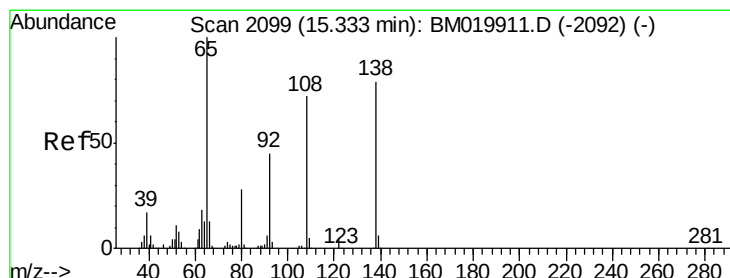
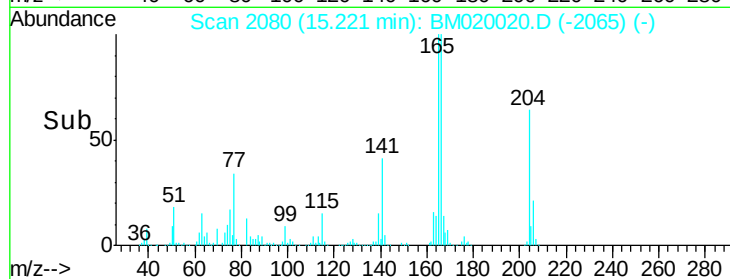
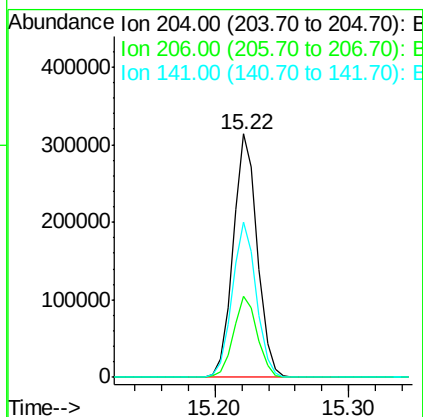
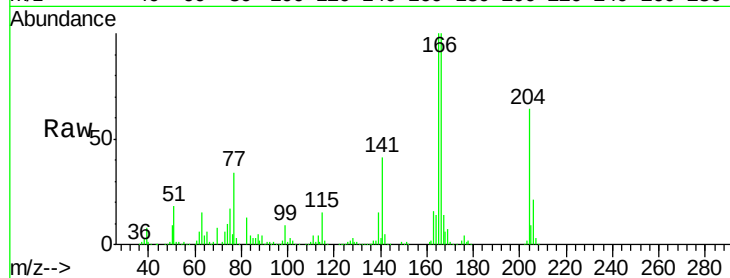




#61
4-Chlorophenyl-phenylether
Concen: 39.689 ng
RT: 15.22 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

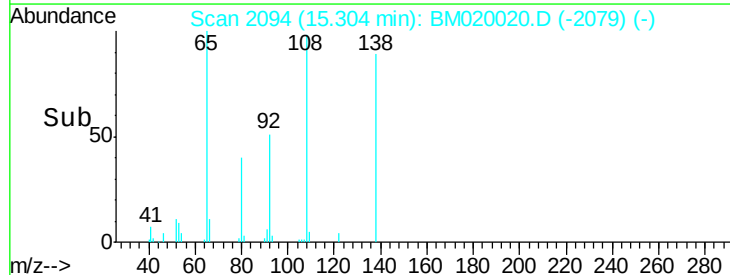
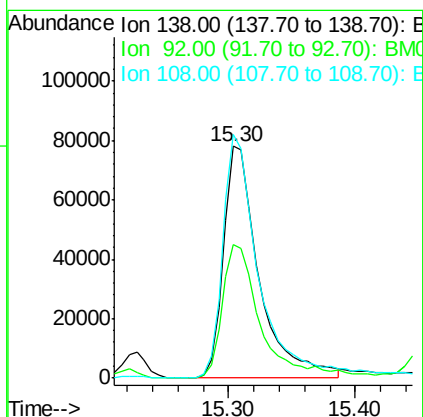
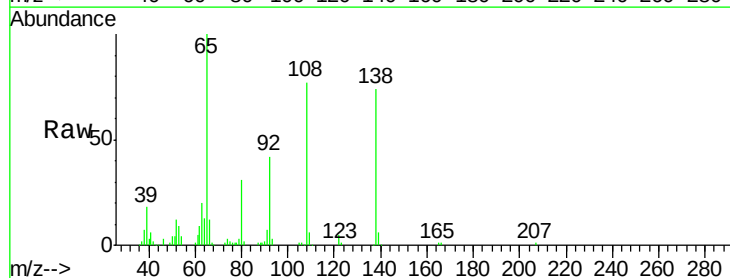
Instrument :
BNA_M
ClientSampled :

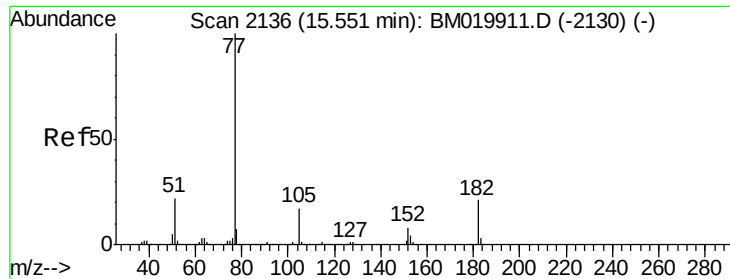
Tot Ion:204 Resp: 394182
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.8
141 63.7 47.0 70.4



#62
4-Nitroaniline
Concen: 34.047 ng
RT: 15.30 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Tgt Ion:138 Resp: 152604
Ion Ratio Lower Upper
138 100
92 57.6 36.8 76.8
108 105.1 71.5 111.5

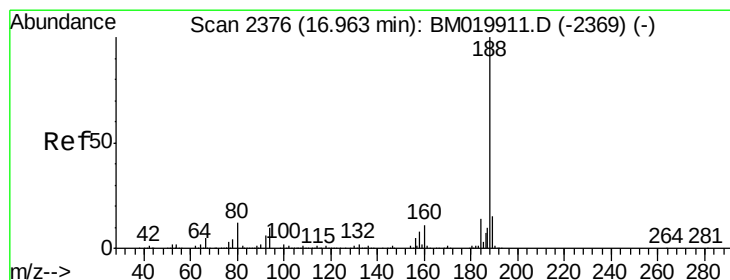
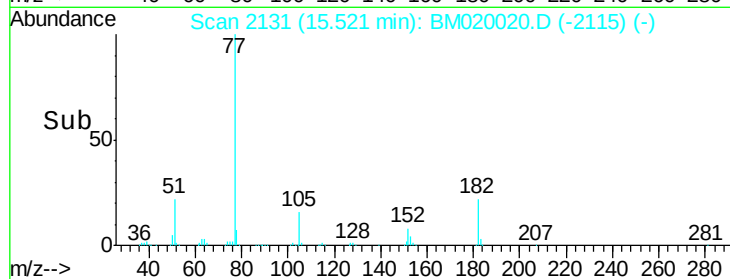
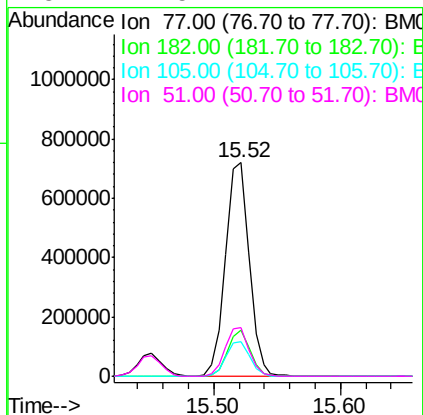
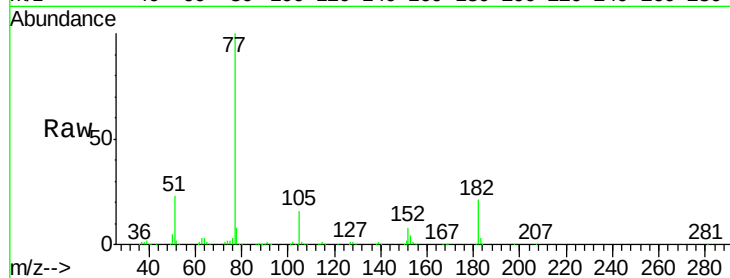




#63
Azobenzene
Concen: 40.742 ng
RT: 15.52 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

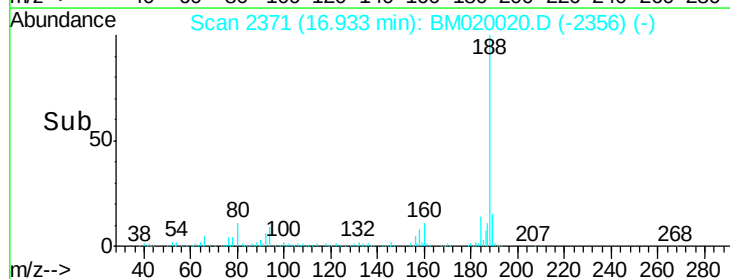
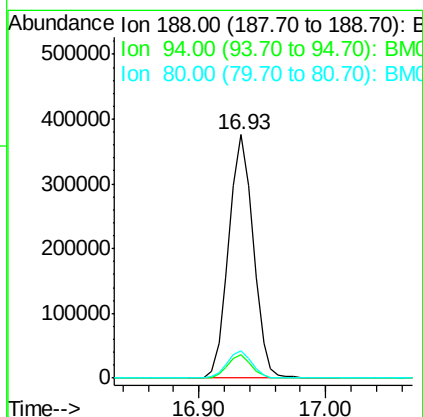
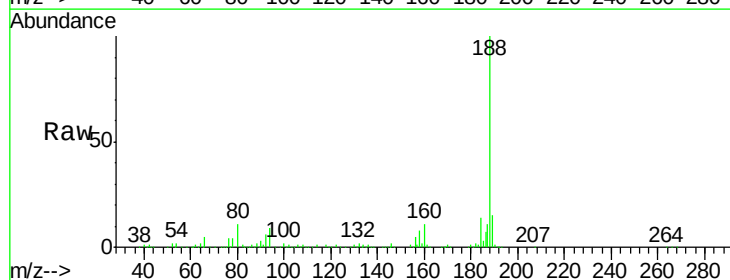
Instrument :
BNA_M
ClientSampleId :

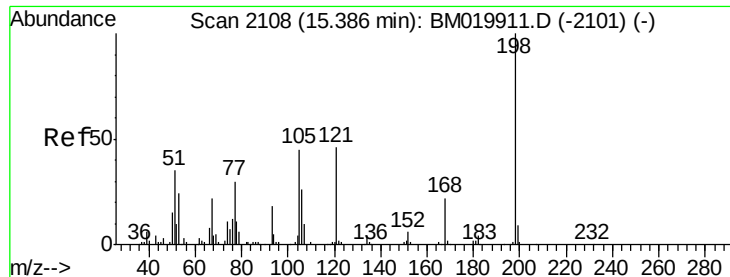
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	21.4	1.0	41.0	
105	16.3	0.0	37.1	
51	22.5	2.1	42.1	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.5	7.6	11.4	
80	11.4	9.4	14.0	

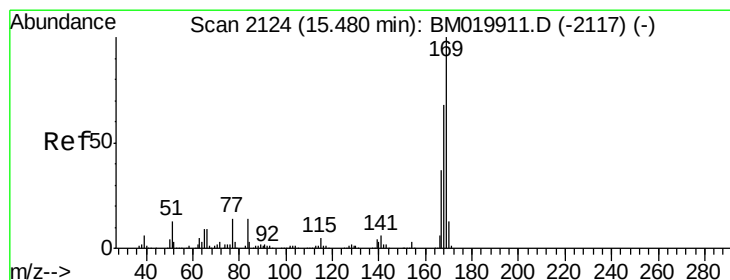
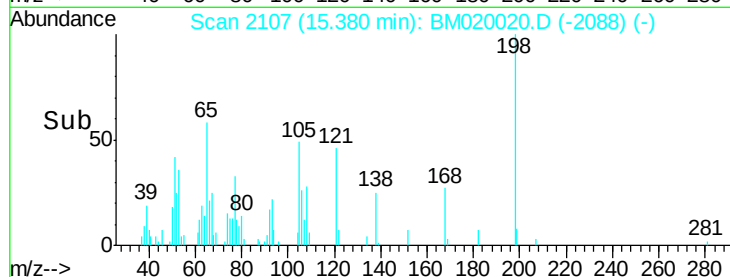
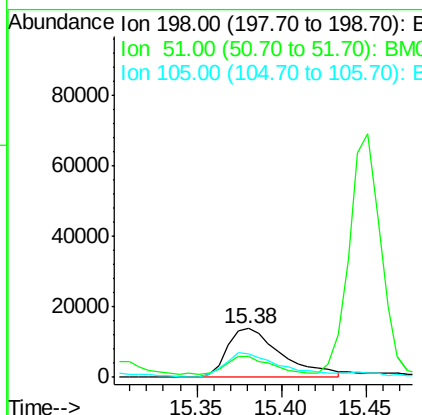
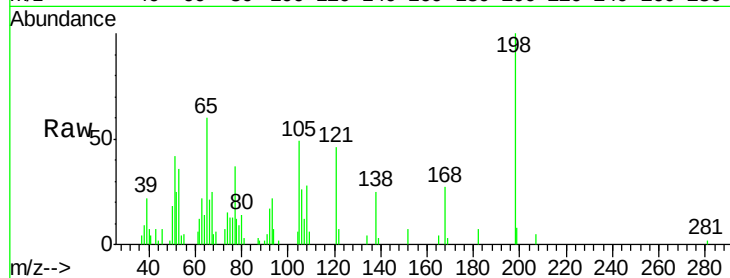




#65
 4,6-Dinitro-2-methylphenol
 Concen: 9.622 ng
 RT: 15.38 min Scan# 2107
 Delta R.T. 0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

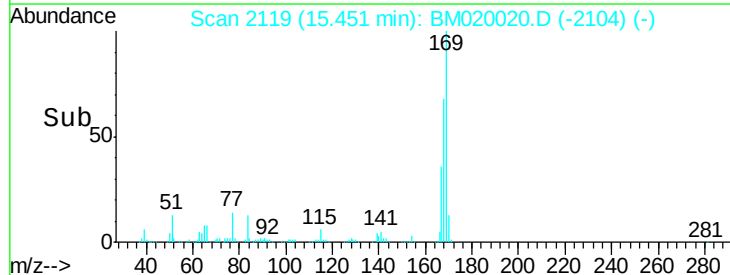
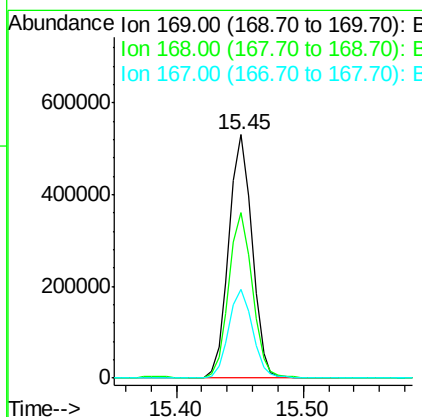
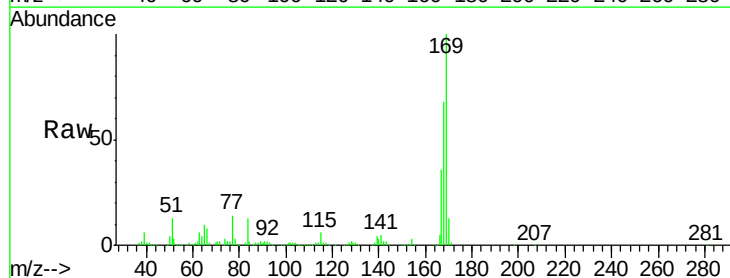
Instrument :
 BNA_M
 ClientSampleId :

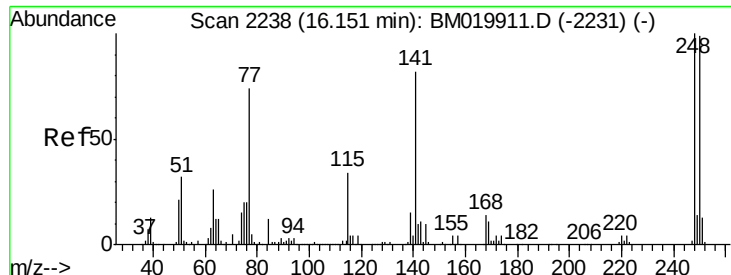
Tot Ion:198 Resp: 31020
 Ion Ratio Lower Upper
 198 100
 51 42.4 17.9 57.9
 105 48.7 26.1 66.1



#66
 n-Nitrosodiphenylamine
 Concen: 40.991 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Tgt Ion:169 Resp: 677137
 Ion Ratio Lower Upper
 169 100
 168 68.1 54.7 82.1
 167 36.4 29.4 44.0

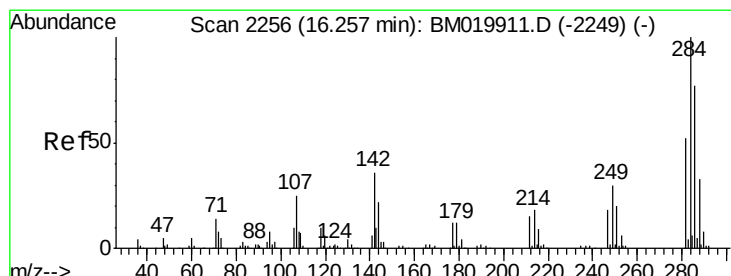
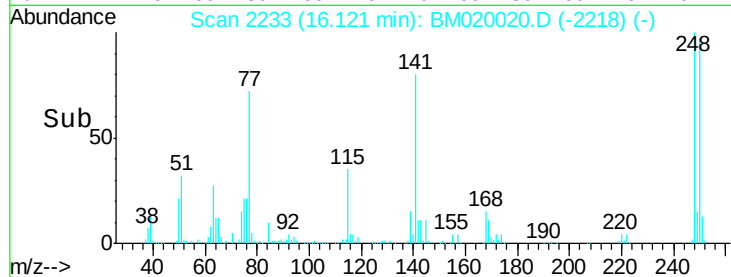
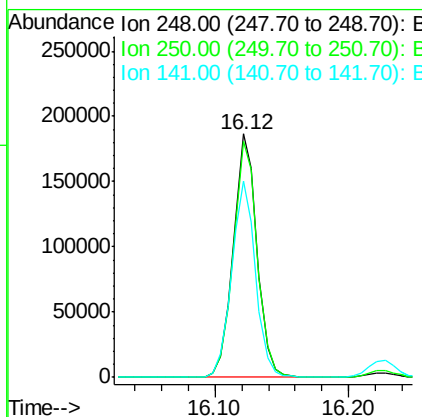
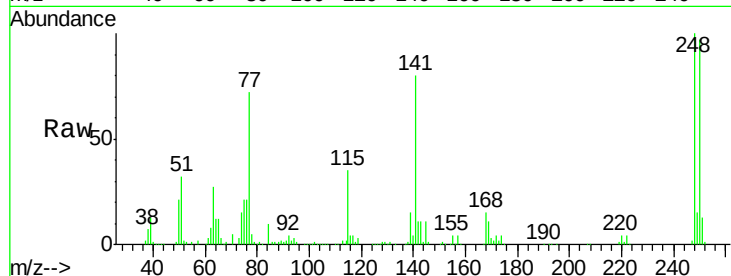




#67
 4-Bromophenyl-phenylether
 Concen: 39.821 ng
 RT: 16.12 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

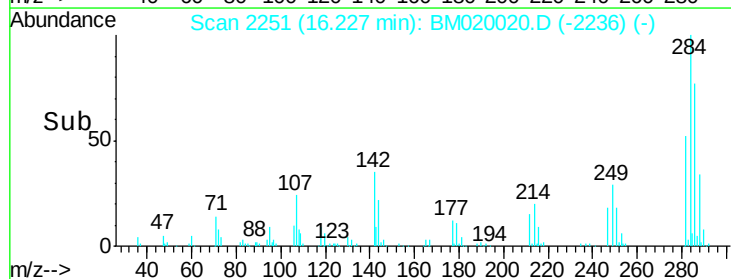
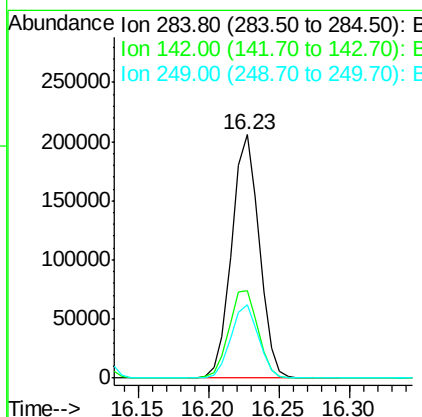
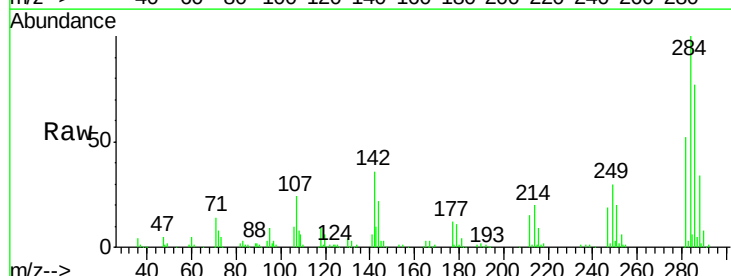
Instrument :
 BNA_M
 ClientSampled :

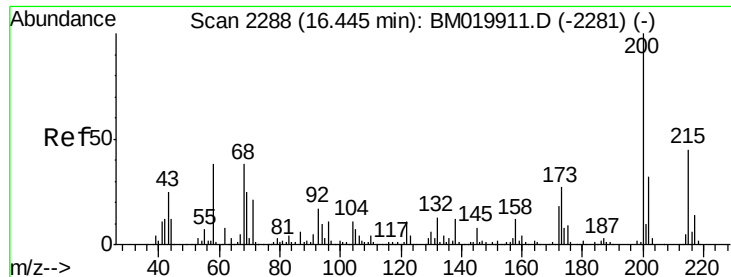
Tot Ion:	248	Resp:	231331
Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.9	118.3
141	80.4	65.6	98.4



#68
 Hexachlorobenzene
 Concen: 40.145 ng
 RT: 16.23 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Tgt Ion:	284	Resp:	279835
Ion	Ratio	Lower	Upper
284	100		
142	35.9	28.9	43.3
249	30.1	23.8	35.6

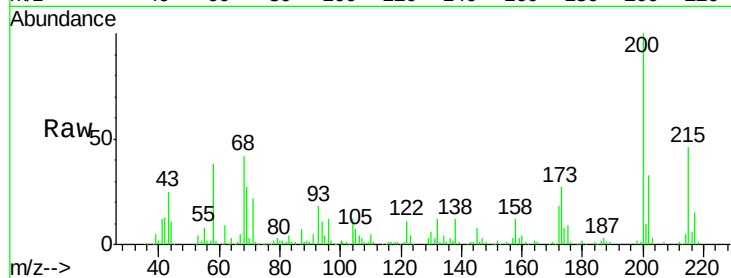




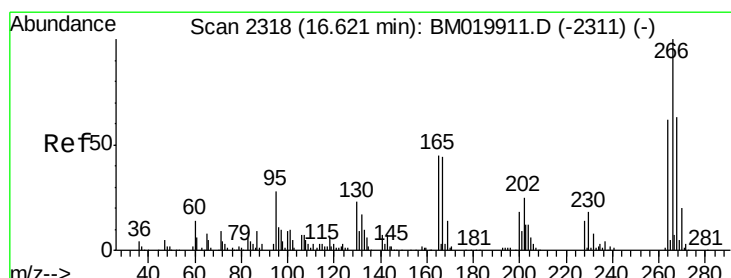
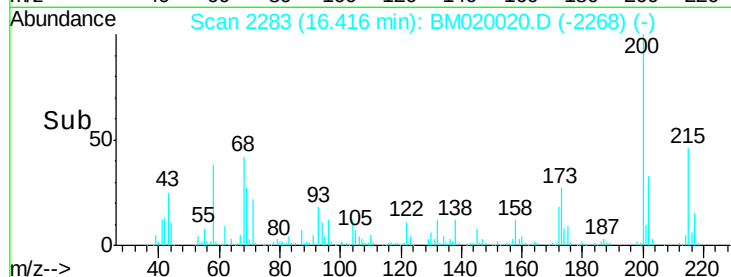
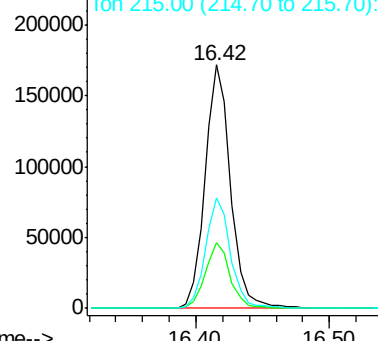
#69
 Atrazine
 Concen: 40.781 ng
 RT: 16.42 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.2	47.2
215	45.6	25.4	65.4

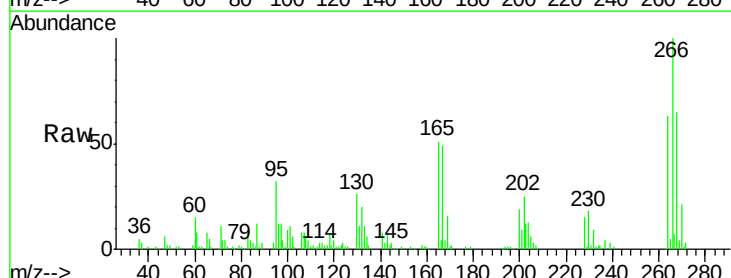


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

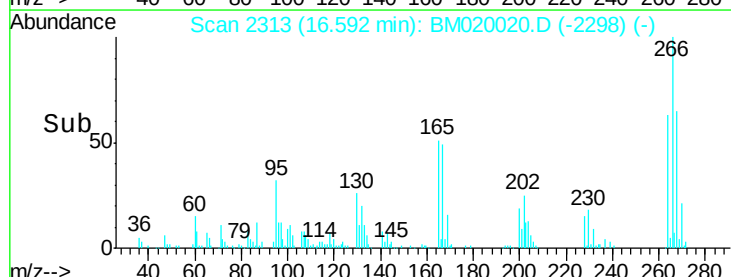
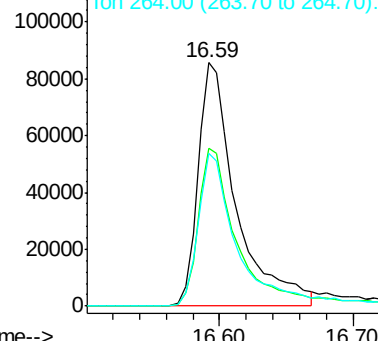


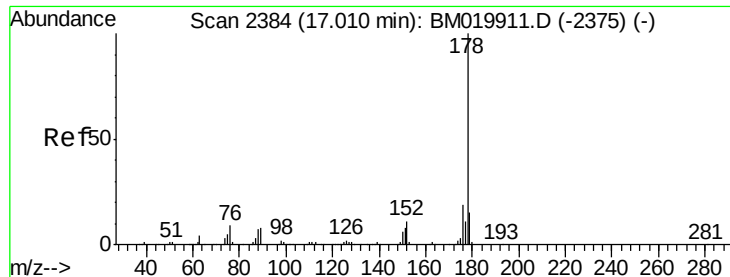
#70
 Pentachlorophenol
 Concen: 48.120 ng
 RT: 16.59 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.3	75.5
264	62.7	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

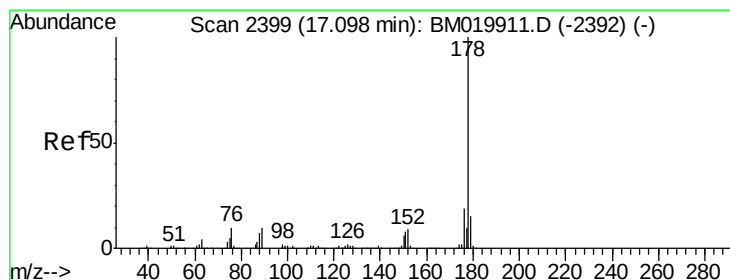
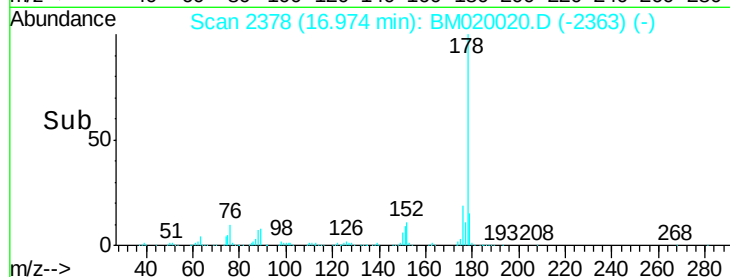
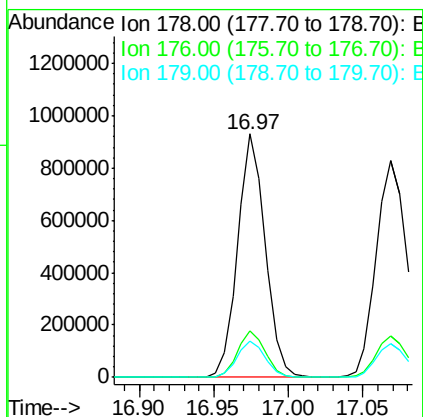
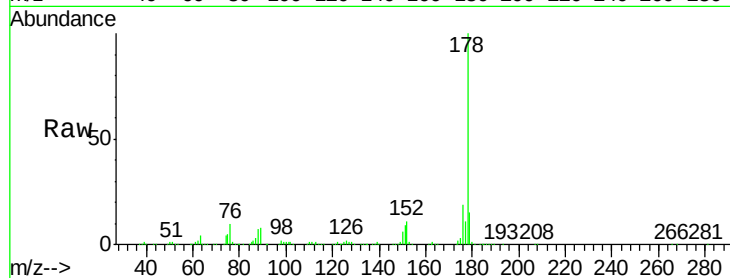




#71
Phenanthrene
Concen: 40.070 ng
RT: 16.97 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

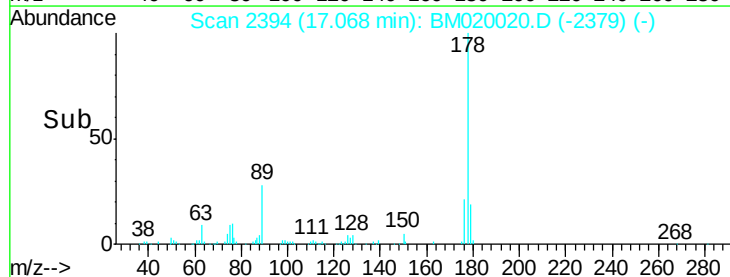
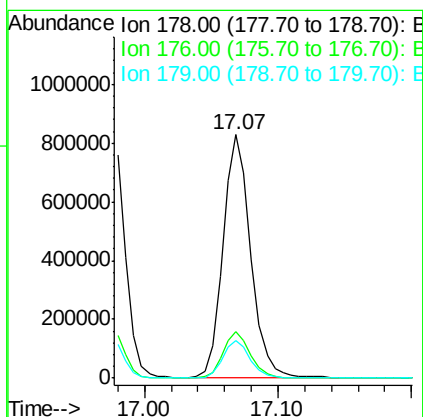
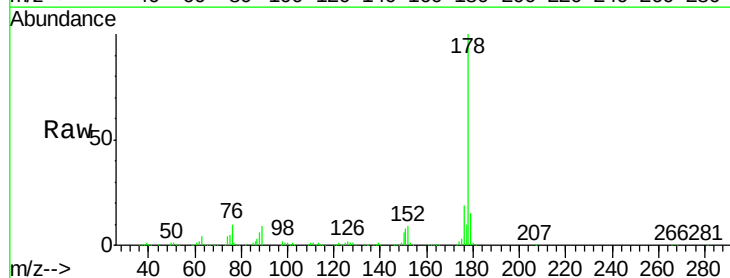
Instrument :
BNA_M
ClientSampleId :

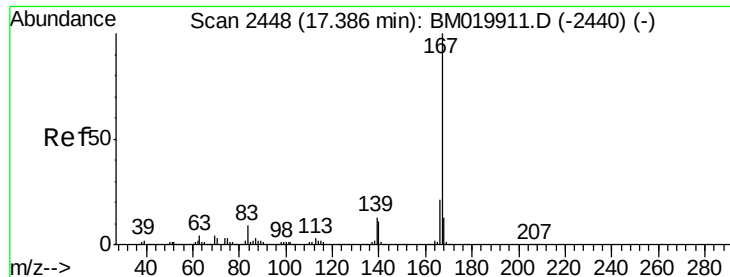
Tot Ion:178 Resp: 1201505
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 15.0 12.2 18.4



#72
Anthracene
Concen: 40.086 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Tgt Ion:178 Resp: 1196511
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 15.3 12.2 18.4

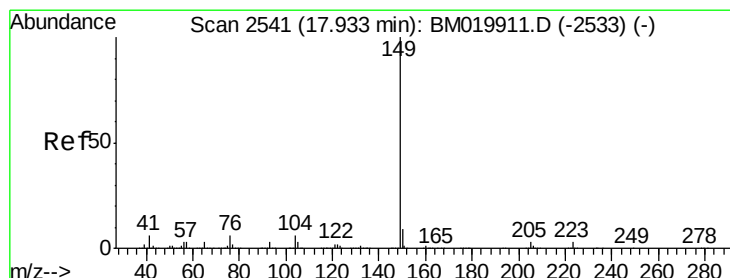
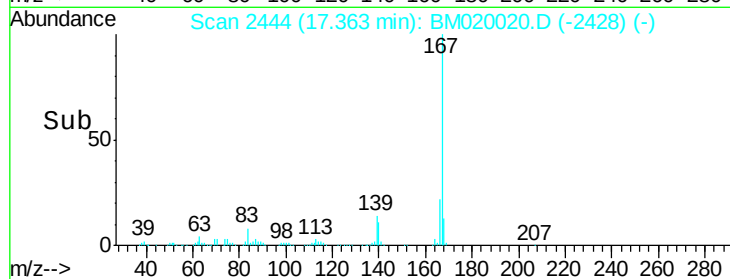
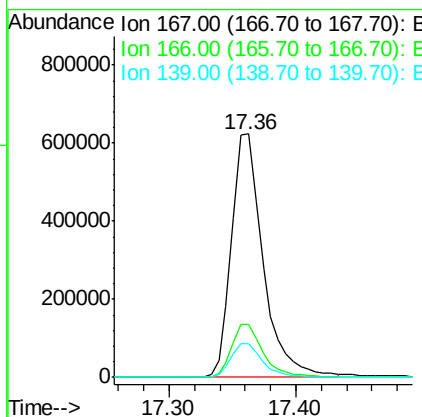
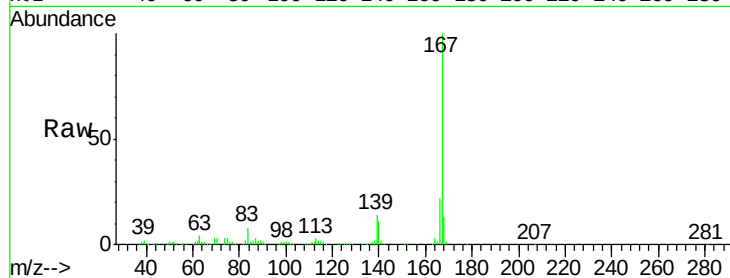




#73
 Carbazole
 Concen: 38.732 ng
 RT: 17.36 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

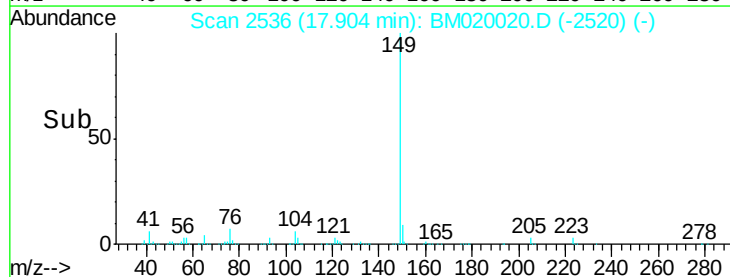
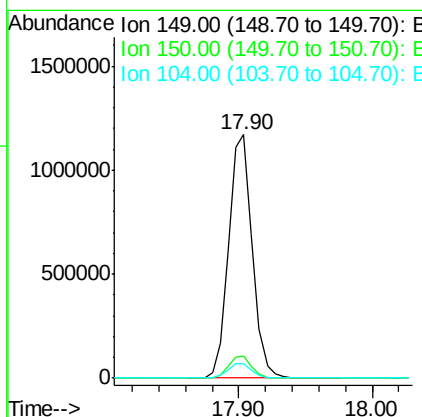
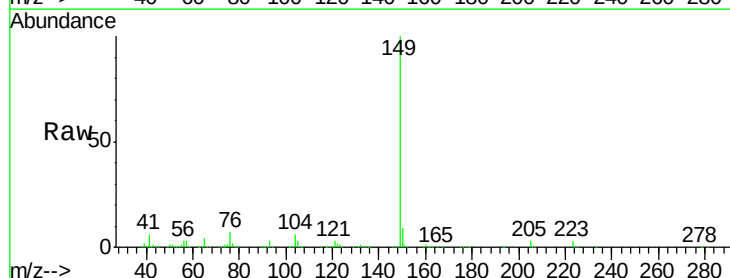
Instrument :
 BNA_M
 ClientSampleId :

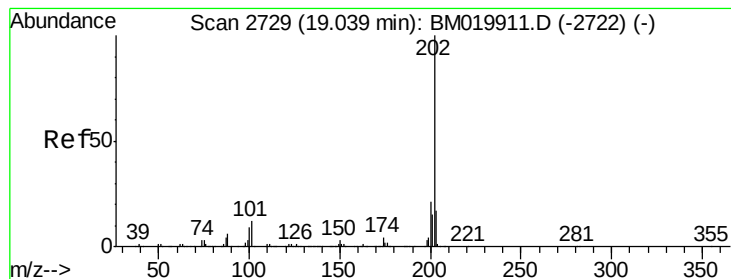
Tot Ion:167 Resp: 1079365
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.6 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 39.646 ng
 RT: 17.90 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Tgt Ion:149 Resp: 1450981
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 6.1 4.6 7.0



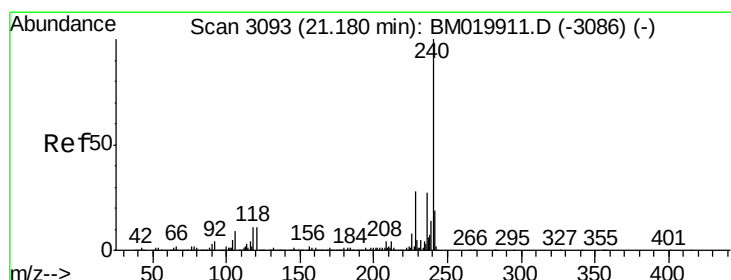
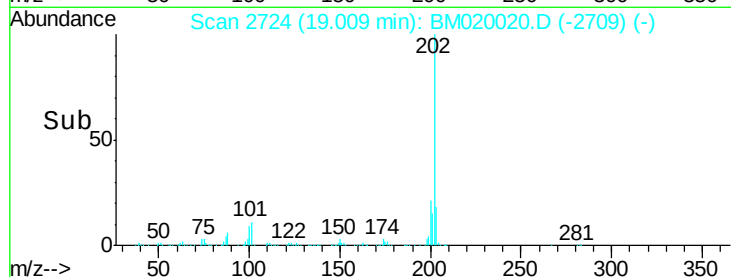
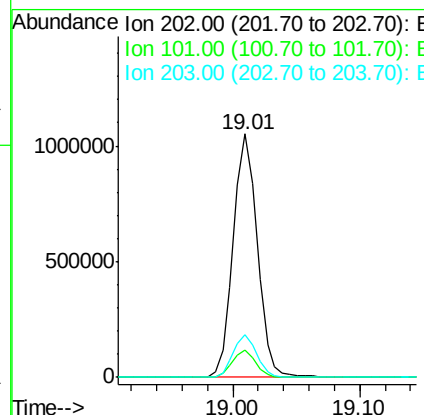
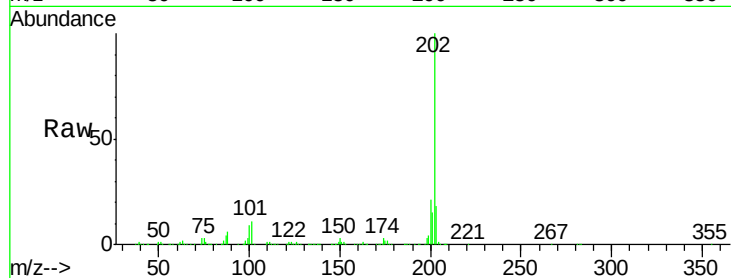


#75
 Fluoranthene
 Concen: 40.109 ng
 RT: 19.01 min Scan# 2724
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:202 Resp: 1384061

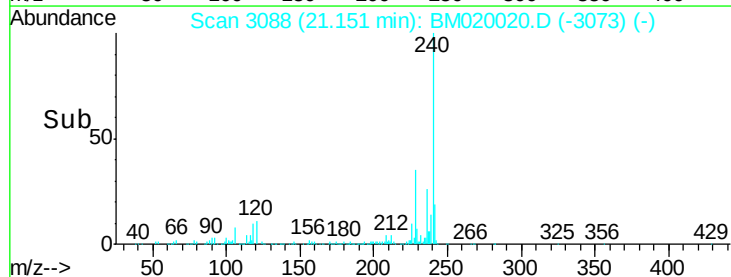
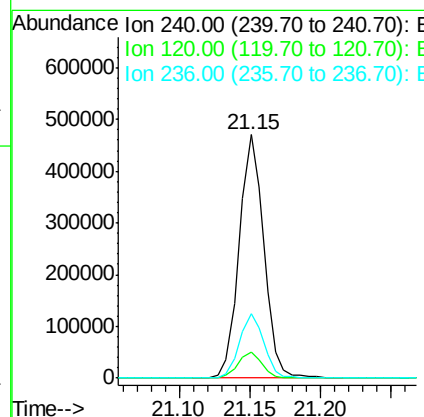
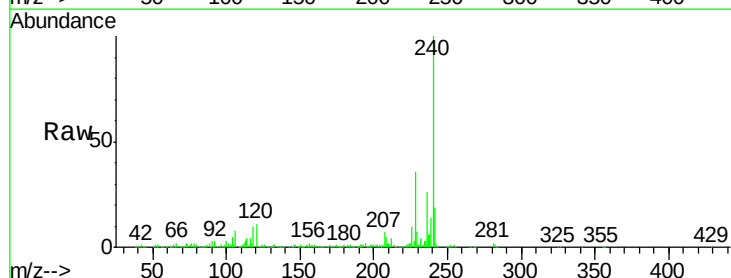
Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.7
203	17.7	0.0	37.4

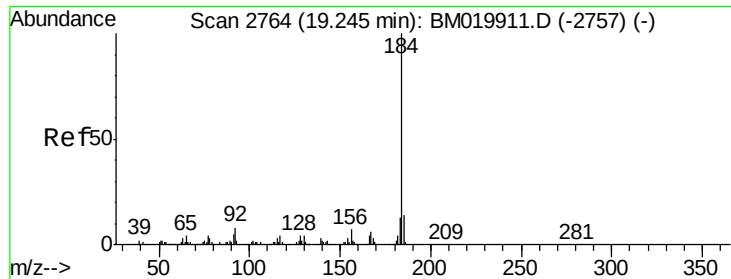


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.15 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Tgt Ion:240 Resp: 573956

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.6	13.0
236	26.2	21.4	32.2

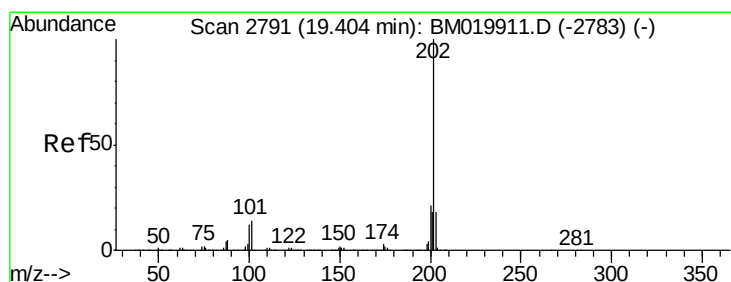
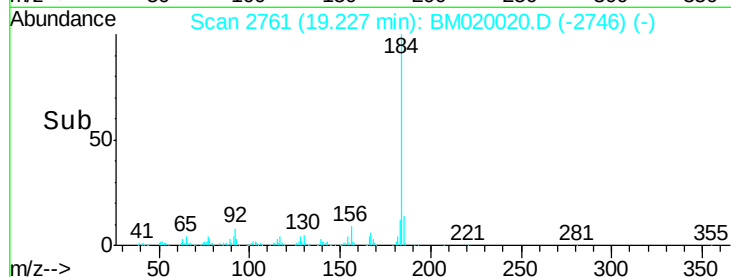
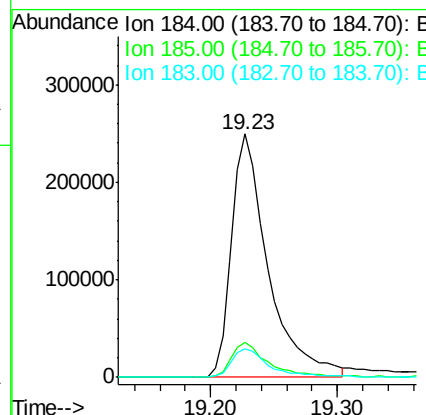
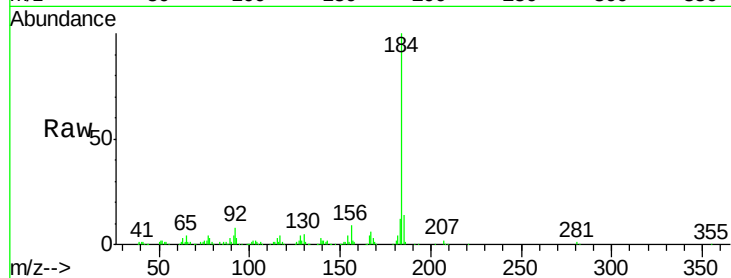




#77
Benzidine
Concen: 31.585 ng
RT: 19.23 min Scan# 2761
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

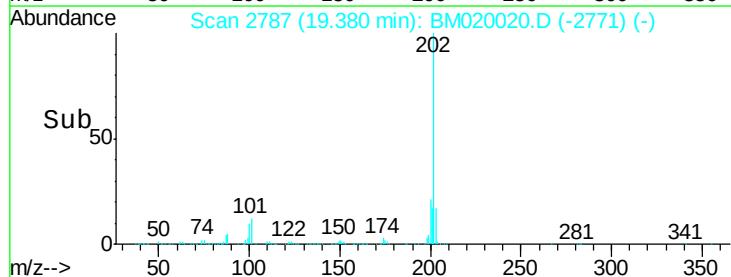
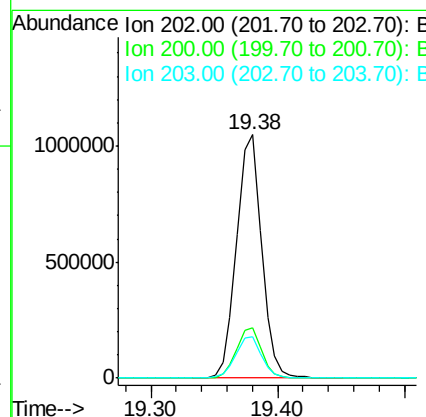
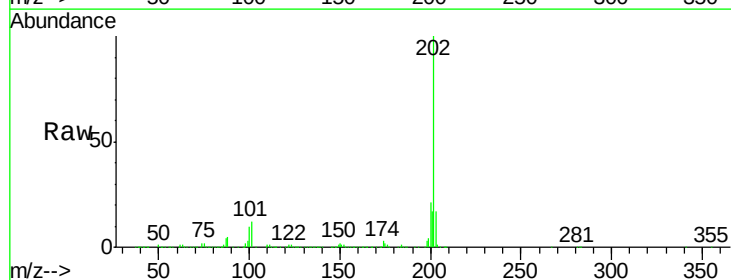
Instrument :
BNA_M
ClientSampleId :

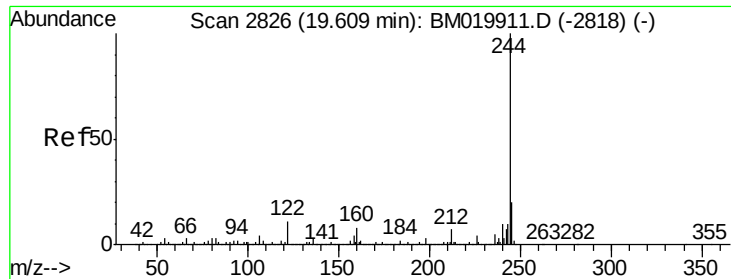
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.0	16.6
183	11.6	10.1	15.1



#78
Pyrene
Concen: 37.754 ng
RT: 19.38 min Scan# 2787
Delta R.T. -0.01 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.0	25.4
203	17.1	14.0	21.0





#79

Terphenyl-d14

Concen: 83.654 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

Instrument :

BNA_M

ClientSampleId :

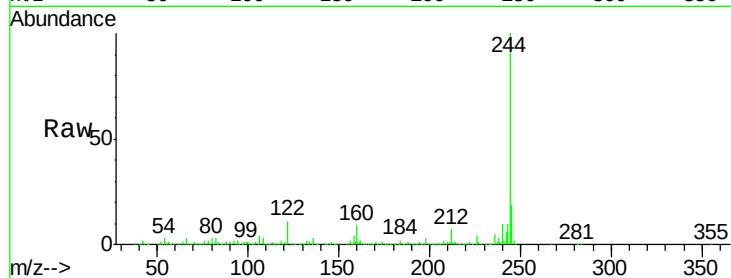
Tot Ion:244 Resp: 2722132

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

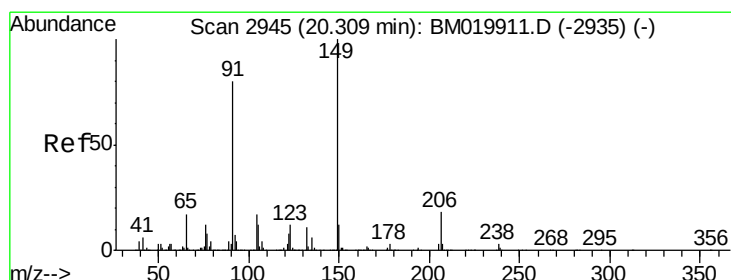
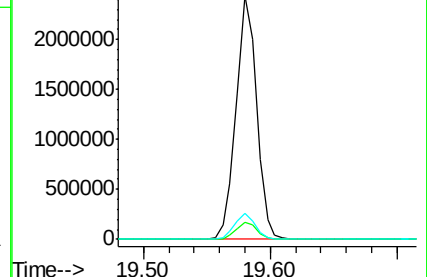
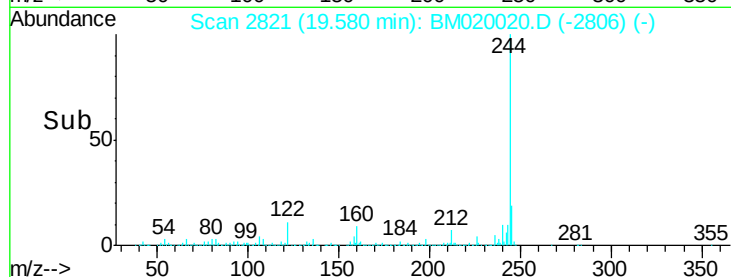
122 10.9 9.1 13.7



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: 37.941 ng

RT: 20.28 min Scan# 2940

Delta R.T. -0.02 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

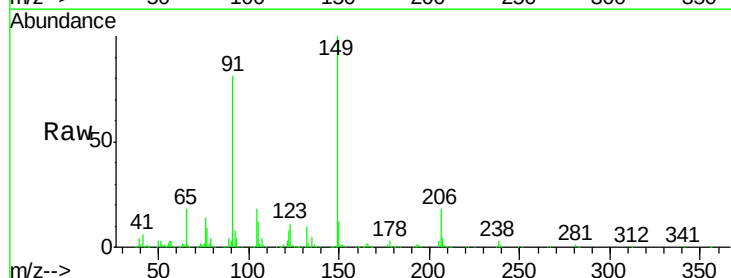
Tgt Ion:149 Resp: 699153

Ion Ratio Lower Upper

149 100

91 80.7 63.7 95.5

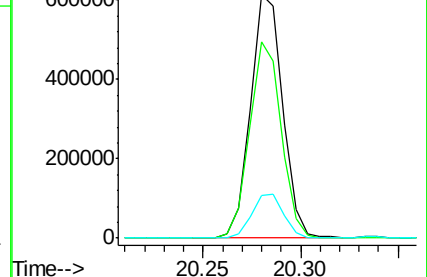
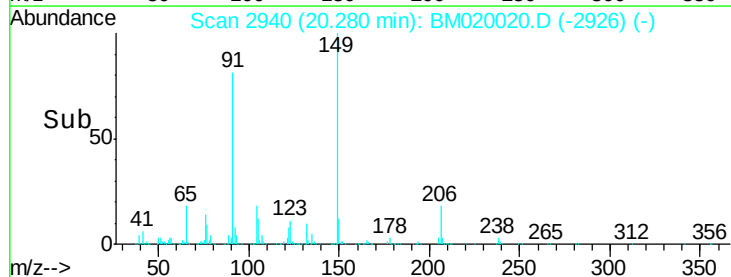
206 17.6 14.6 21.8

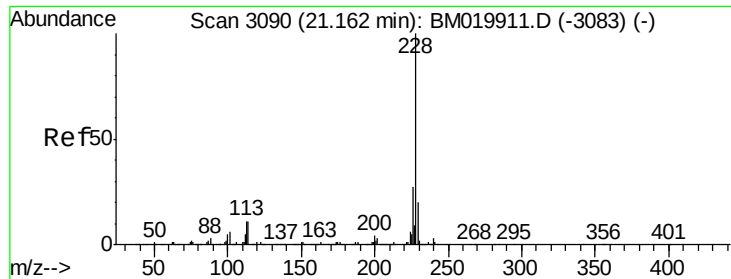


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.736 ng

RT: 21.13 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

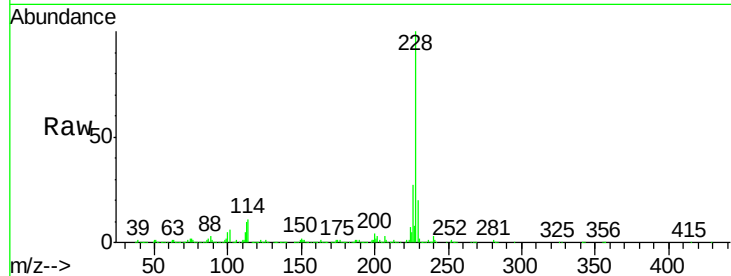
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1372007

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.6
229	19.9	15.9	23.9

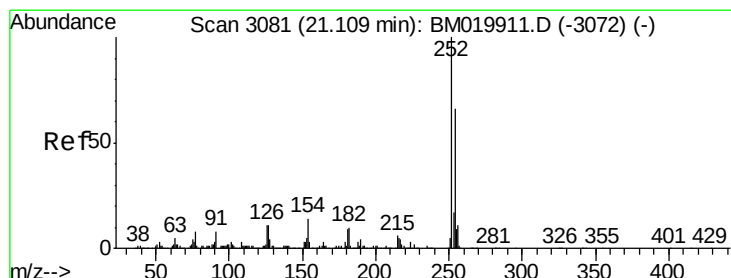
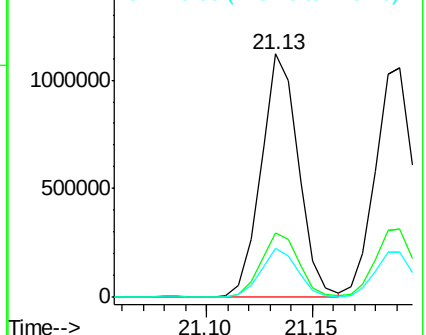
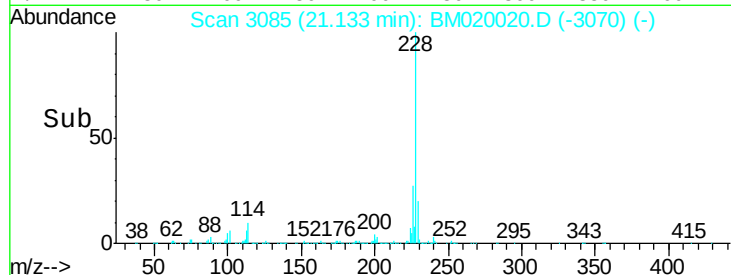


Abundance

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: 29.560 ng

RT: 21.08 min Scan# 3076

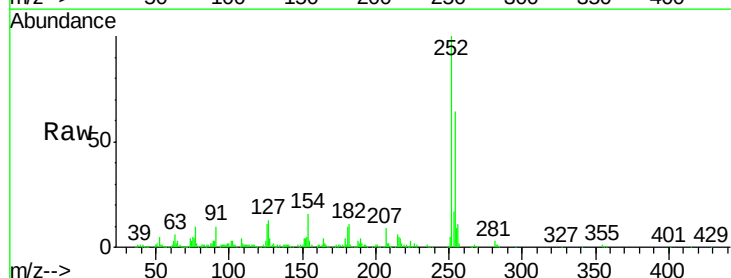
Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

Tgt Ion:252 Resp: 399873

Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.6	78.8
126	11.4	8.6	12.8

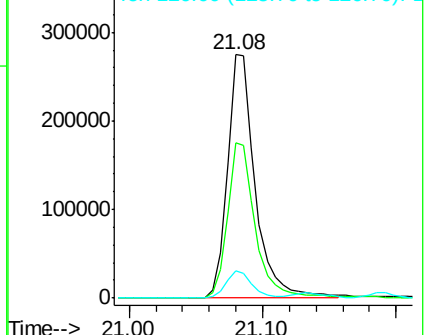
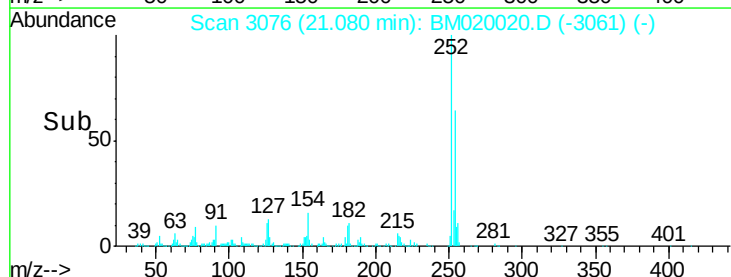


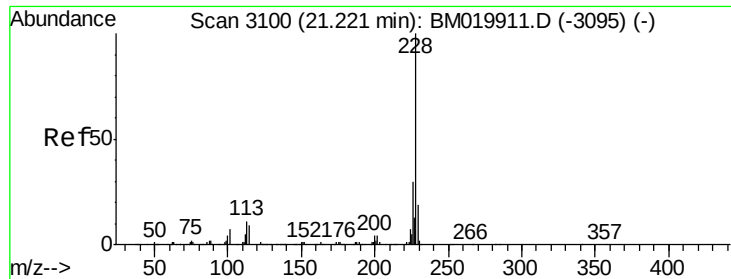
Abundance

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



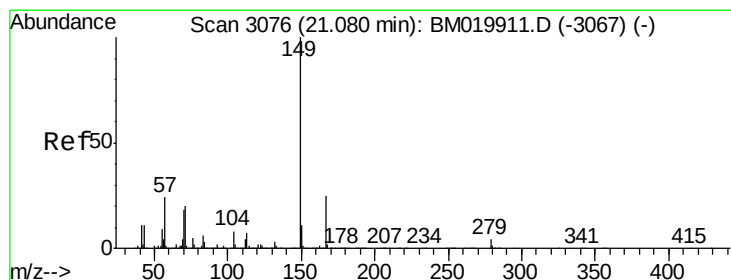
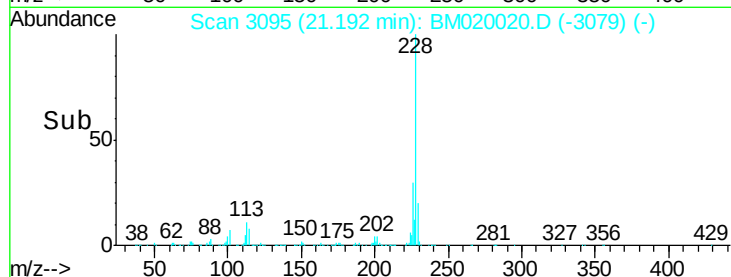
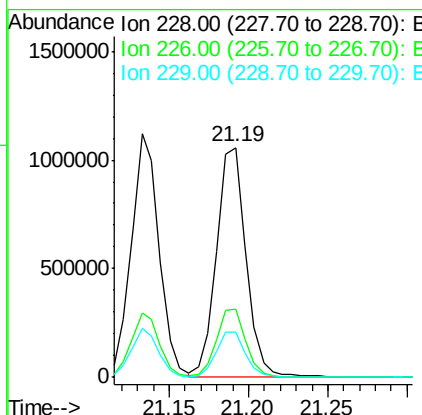
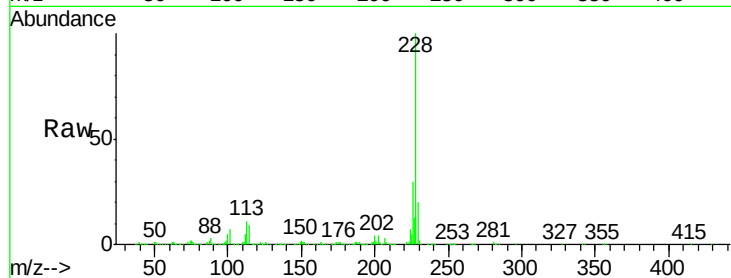


#83
 Chrysene
 Concen: 39.012 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:228 Resp: 1360287

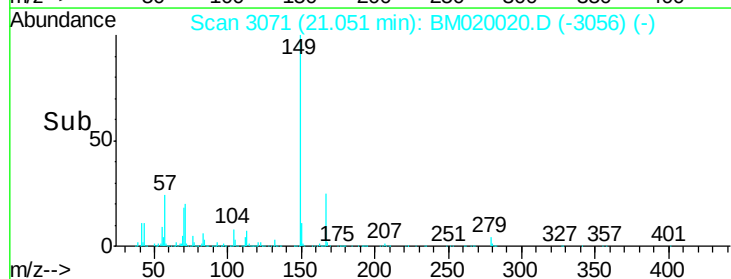
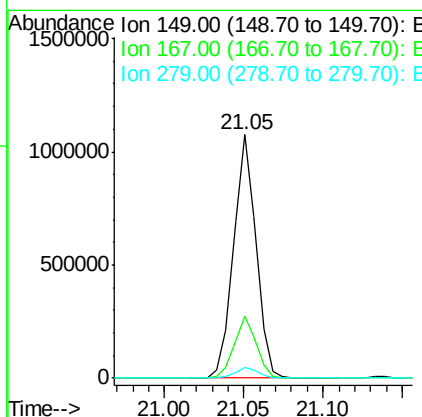
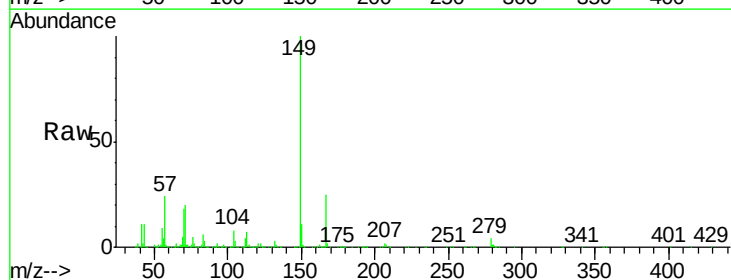
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	19.7	15.6	23.4

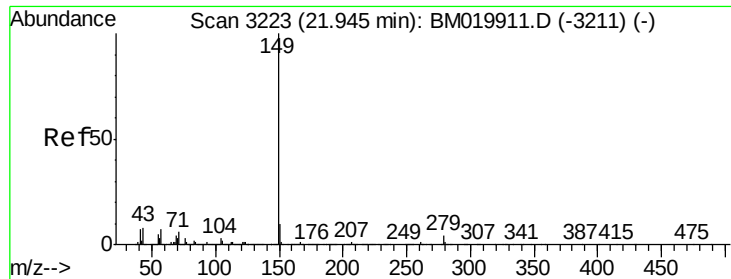


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.492 ng
 RT: 21.05 min Scan# 3071
 Delta R.T. -0.01 min
 Lab File: BM020020.D
 Acq: 22 Apr 2019 23:43

Tgt Ion:149 Resp: 1055998

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.3	30.5
279	4.2	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 41.565 ng

RT: 21.92 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

Instrument :

BNA_M

ClientSampleId :

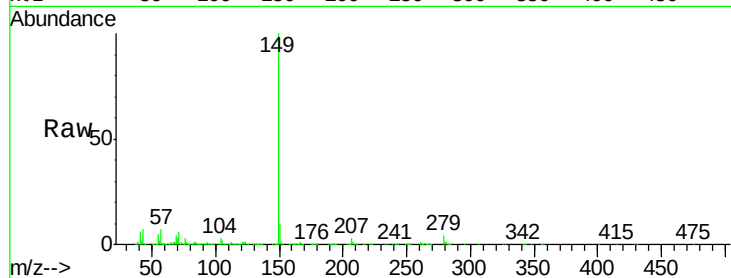
Tot Ion:149 Resp: 1850255

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

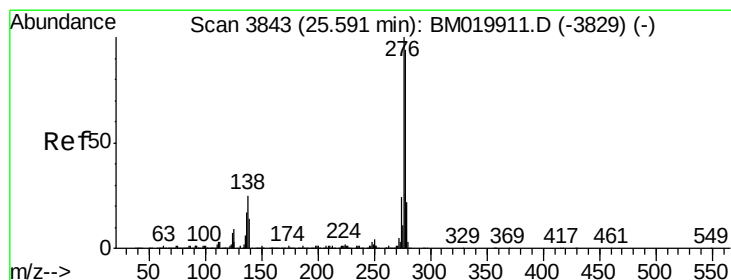
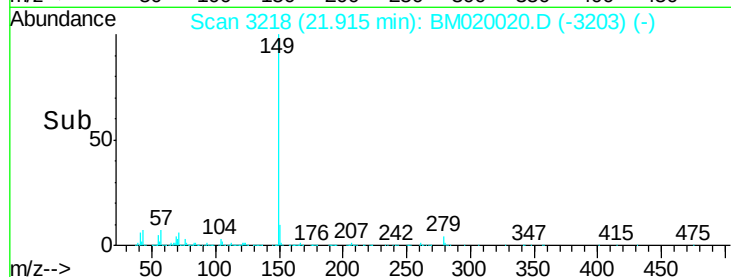
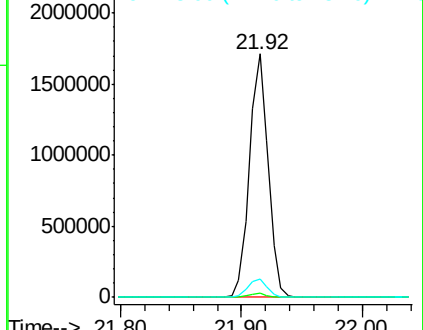
43 7.6 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.793 ng

RT: 25.53 min Scan# 3832

Delta R.T. -0.02 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

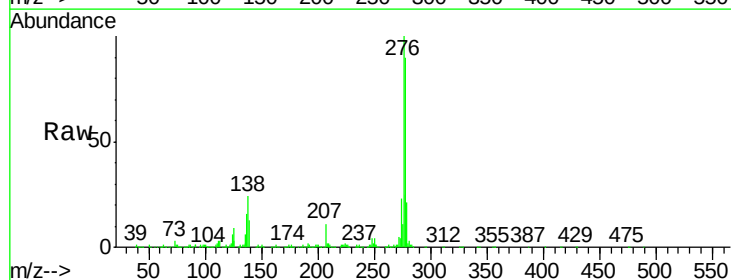
Tgt Ion:276 Resp: 1776535

Ion Ratio Lower Upper

276 100

138 23.0 19.0 28.6

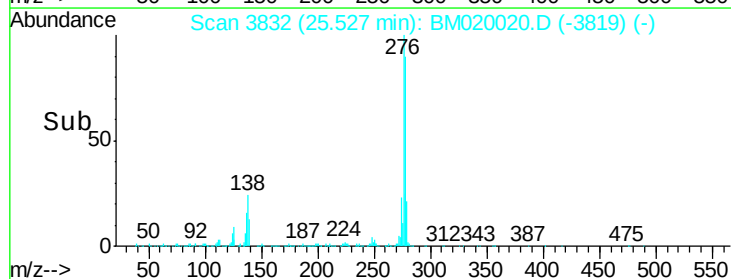
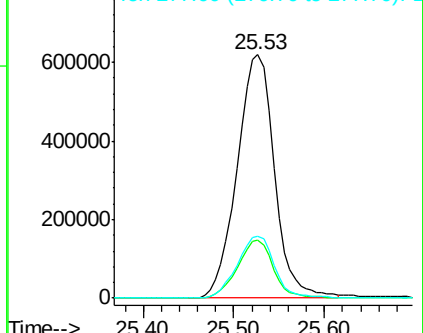
277 25.5 20.3 30.5

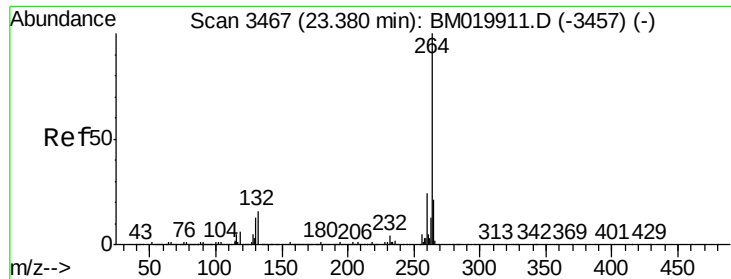


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

Instrument :

BNA_M

ClientSampleId :

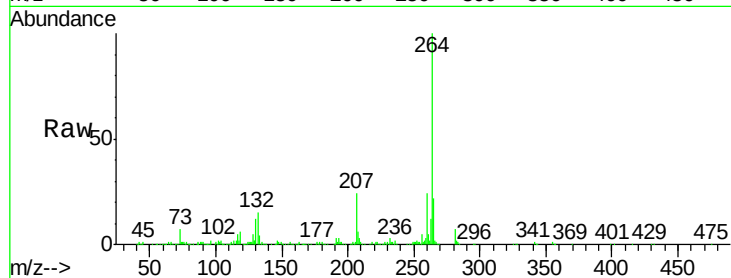
Tot Ion:264 Resp: 530809

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

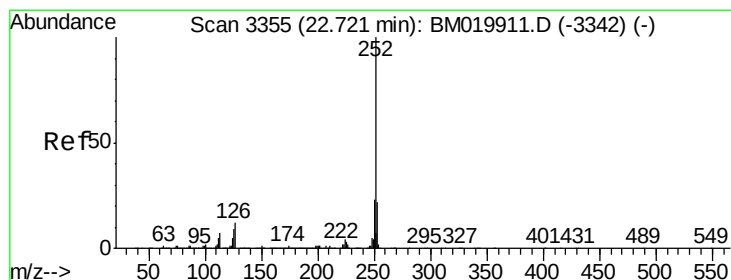
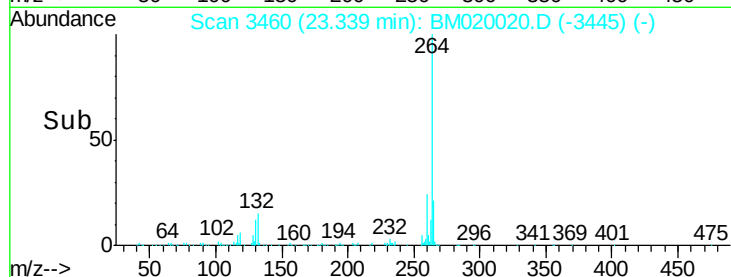
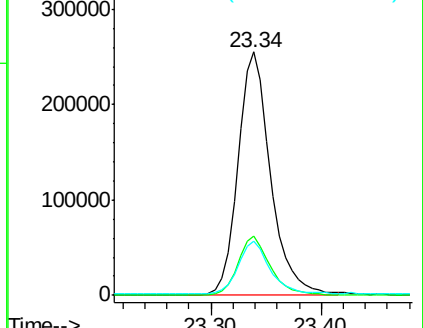
265 22.0 17.2 25.8



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: 43.962 ng

RT: 22.68 min Scan# 3348

Delta R.T. -0.02 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

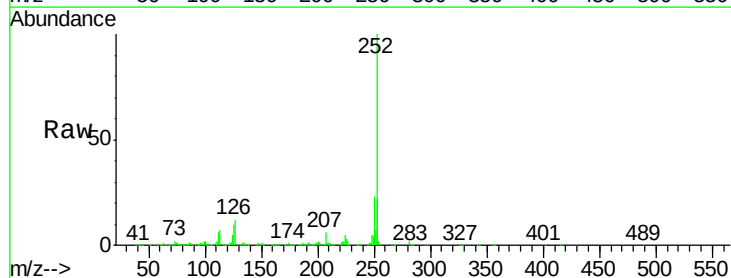
Tgt Ion:252 Resp: 1549522

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

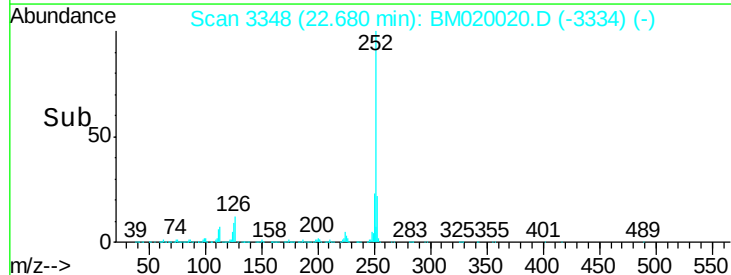
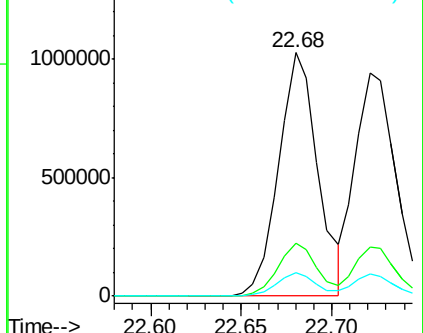
125 9.5 7.6 11.4

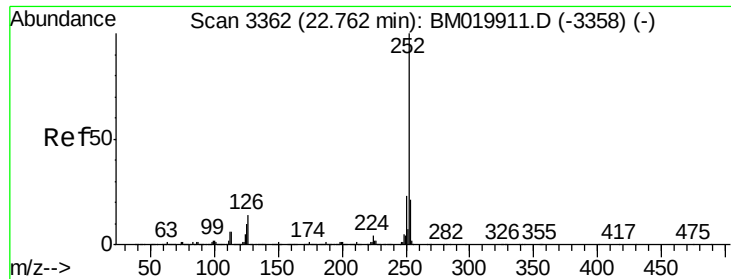


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.586 ng

RT: 22.72 min Scan# 3355

Delta R.T. -0.02 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

Instrument :

BNA_M

ClientSampleId :

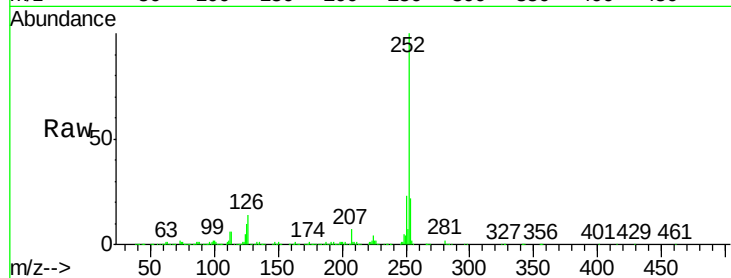
Tot Ion:252 Resp: 1479466

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

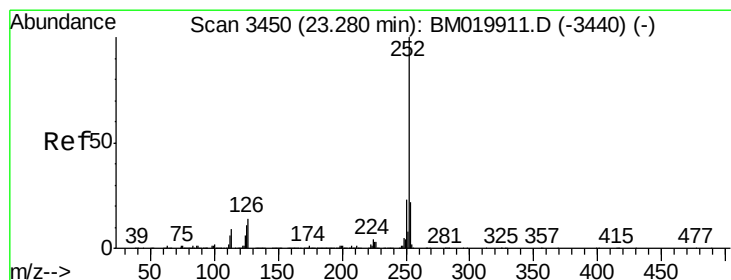
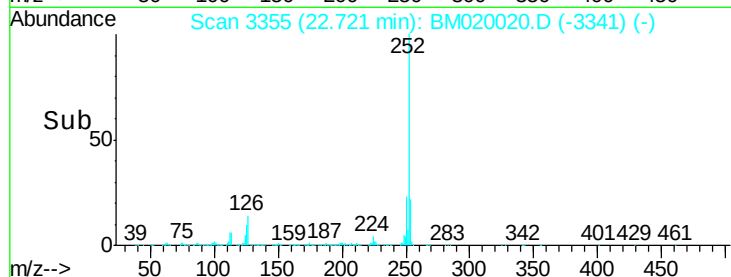
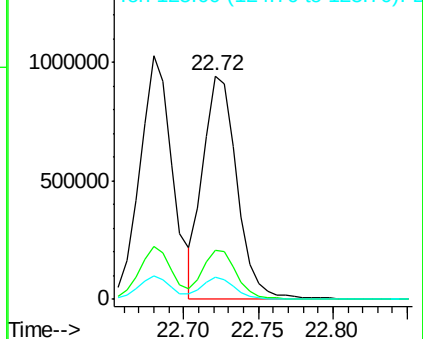
125 9.7 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.349 ng

RT: 23.24 min Scan# 3444

Delta R.T. -0.01 min

Lab File: BM020020.D

Acq: 22 Apr 2019 23:43

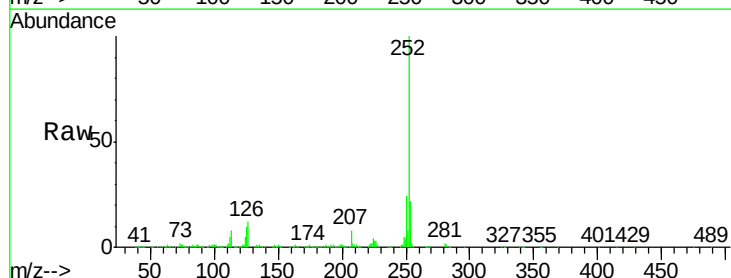
Tgt Ion:252 Resp: 1447485

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

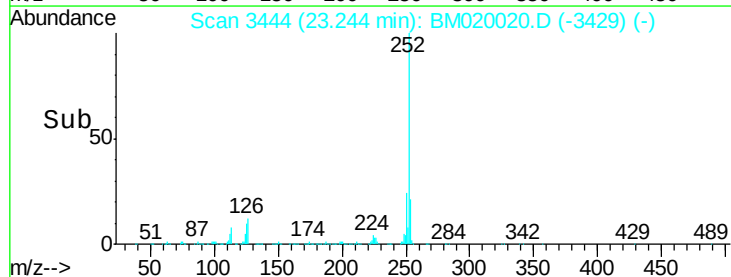
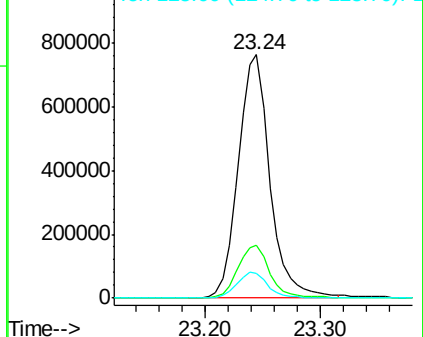
125 10.1 9.1 13.7

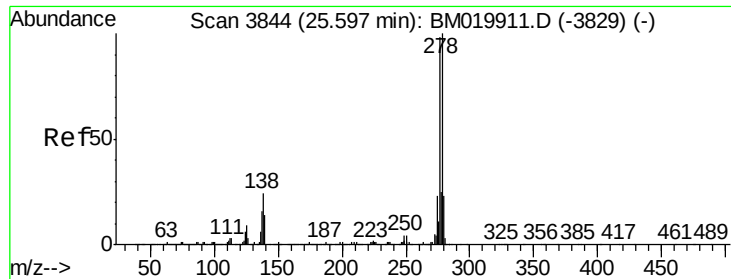


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



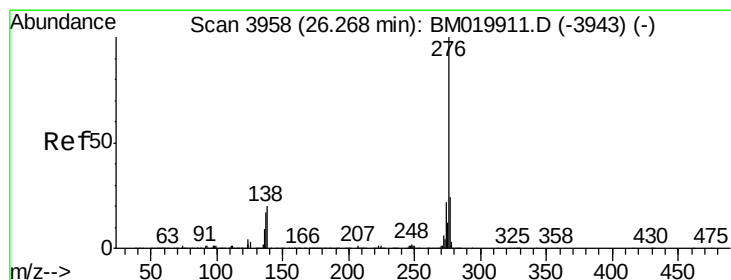
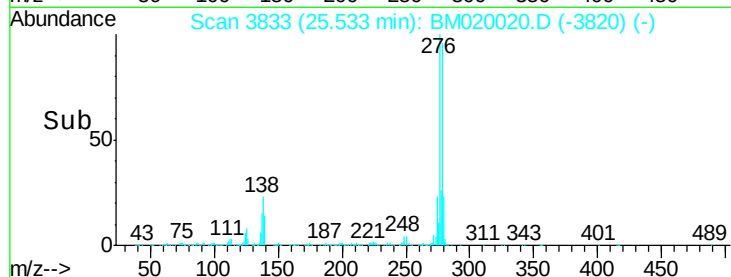
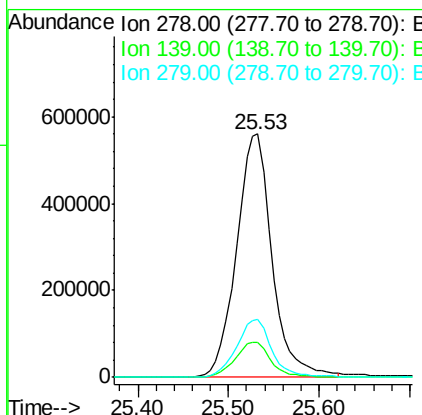
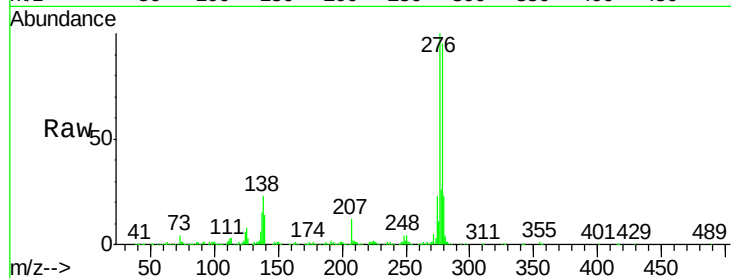


#91
Dibenzo(a,h)anthracene
Concen: 50.663 ng
RT: 25.53 min Scan# 3833
Delta R.T. -0.02 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 1525488

Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.6	17.4
279	23.8	18.4	27.6



#92
Benzo(g,h,i)perylene
Concen: 50.587 ng
RT: 26.20 min Scan# 3946
Delta R.T. -0.03 min
Lab File: BM020020.D
Acq: 22 Apr 2019 23:43

Tgt Ion:276 Resp: 1379612

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	19.9	16.2	24.4

