

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
 Data File : BM019097.D
 Acq On : 11 Mar 2019 17:28
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031119

Quant Time: Mar 11 18:17:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	201371	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	927397	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	547836	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1245534	20.00	ng	0.00
76) Chrysene-d12	21.28	240	1387463	20.00	ng	0.00
87) Perylene-d12	23.52	264	1412362	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	982585	79.02	ng	0.00
7) Phenol-d6	6.85	99	1475135	81.11	ng	0.00
23) Nitrobenzene-d5	8.84	82	1579089	80.49	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	681560	84.26	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3392390	80.55	ng	0.00
79) Terphenyl-d14	19.72	244	5557750	79.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	205681	37.184	ng	100
3) Pyridine	3.62	79	546643	36.324	ng	99
4) n-Nitrosodimethylamine	3.55	42	177735	37.990	ng	98
6) Aniline	7.01	93	946327	40.300	ng	99
8) 2-Chlorophenol	7.23	128	596465	39.918	ng	99
9) Benzaldehyde	6.83	77	469818	41.067	ng	100
10) Phenol	6.87	94	791287	40.369	ng	100
11) bis(2-Chloroethyl)ether	7.11	93	599907	40.109	ng	99
12) 1,3-Dichlorobenzene	7.55	146	626448	39.616	ng	99
13) 1,4-Dichlorobenzene	7.70	146	632070	39.207	ng	98
14) 1,2-Dichlorobenzene	8.02	146	613247	39.098	ng	99
15) Benzyl Alcohol	7.92	79	616258	40.940	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	593951	38.891	ng	99
17) 2-Methylphenol	8.12	107	517846	40.542	ng	99
18) Hexachloroethane	8.73	117	238942	39.887	ng	97
19) n-Nitroso-di-n-propylamine	8.48	70	611648	40.992	ng	98
20) 3+4-Methylphenols	8.45	107	708414	40.859	ng	99
22) Acetophenone	8.50	105	1035456	40.401	ng	# 99
24) Nitrobenzene	8.88	77	826390	40.501	ng	98
25) Isophorone	9.40	82	1529521	40.857	ng	100
26) 2-Nitrophenol	9.58	139	356701	42.175	ng	96
27) 2,4-Dimethylphenol	9.64	122	513182	40.814	ng	100
28) bis(2-Chloroethoxy)methane	9.88	93	899535	40.580	ng	99
29) 2,4-Dichlorophenol	10.10	162	581359	41.748	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	625403	39.829	ng	100
31) Naphthalene	10.50	128	1944830	39.787	ng	100
32) Benzoic acid	9.81	122	398825	37.453	ng	98
33) 4-Chloroaniline	10.63	127	821655	41.006	ng	99
34) Hexachlorobutadiene	10.77	225	359662	39.914	ng	98
35) Caprolactam	11.45	113	206651	41.658	ng	99
36) 4-Chloro-3-methylphenol	11.76	107	701853	40.847	ng	98
37) 2-Methylnaphthalene	12.12	142	1420460	39.990	ng	99
38) 1-Methylnaphthalene	12.35	142	1404011	40.102	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	703458	40.593	ng	99

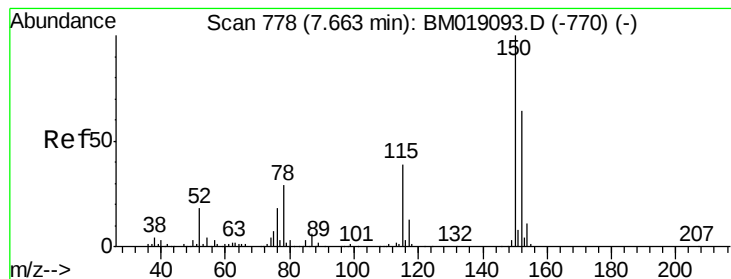
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
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 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	326118	41.546	ng	100
43) 2,4,6-Trichlorophenol	12.75	196	466848	41.686	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	510548	42.633	ng	99
46) 1,1'-Biphenyl	13.15	154	1921889	40.171	ng	99
47) 2-Chloronaphthalene	13.19	162	1447147	40.523	ng	99
48) 2-Nitroaniline	13.42	65	514452	42.954	ng	98
49) Acenaphthylene	14.05	152	2463083	40.791	ng	100
50) Dimethylphthalate	13.79	163	1909903	40.753	ng	99
51) 2,6-Dinitrotoluene	13.92	165	426070	42.057	ng	96
52) Acenaphthene	14.39	154	1397333	40.273	ng	100
53) 3-Nitroaniline	14.26	138	438471	40.865	ng	98
54) 2,4-Dinitrophenol	14.46	184	250365	42.554	ng	98
55) Dibenzofuran	14.72	168	2249932	40.210	ng	99
56) 4-Nitrophenol	14.56	139	370872	42.334	ng	99
57) 2,4-Dinitrotoluene	14.71	165	602638	40.980	ng	98
58) Fluorene	15.37	166	1876584	40.687	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	461073	41.357	ng	100
60) Diethylphthalate	15.16	149	1943131	40.939	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	905193	40.409	ng	99
62) 4-Nitroaniline	15.43	138	450177	41.632	ng	99
63) Azobenzene	15.66	77	2058918	41.223	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	333682	40.883	ng	96
66) n-Nitrosodiphenylamine	15.59	169	1588687	40.064	ng	99
67) 4-Bromophenyl-phenylether	16.27	248	551470	40.150	ng	98
68) Hexachlorobenzene	16.37	284	657396	40.258	ng	99
69) Atrazine	16.55	200	552960	41.425	ng	99
70) Pentachlorophenol	16.72	266	398223	40.477	ng	100
71) Phenanthrene	17.12	178	2912465	39.894	ng	100
72) Anthracene	17.21	178	2876087	40.242	ng	99
73) Carbazole	17.49	167	2747205	40.727	ng	99
74) Di-n-butylphthalate	18.04	149	3353653	41.114	ng	99
75) Fluoranthene	19.14	202	3377799	40.322	ng	99
77) Benzidine	19.34	184	1876386	47.685	ng	99
78) Pyrene	19.51	202	3517615	40.070	ng	100
80) Butylbenzylphthalate	20.41	149	1583684	41.419	ng	98
81) Benzo(a)anthracene	21.26	228	3461994	39.773	ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	1385528	41.319	ng	99
83) Chrysene	21.32	228	3365894	39.970	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	2306810	41.469	ng	99
85) Di-n-octyl phthalate	22.06	149	3956142	42.235	ng	100
86) Indeno(1,2,3-cd)pyrene	25.79	276	3859491	42.576	ng	100
88) Benzo(b)fluoranthene	22.84	252	3710920	40.549	ng	100
89) Benzo(k)fluoranthene	22.89	252	3326836	39.522	ng	99
90) Benzo(a)pyrene	23.42	252	3312912	40.282	ng	100
91) Dibenzo(a,h)anthracene	25.80	278	3258784	41.421	ng	100
92) Benzo(g,h,i)perylene	26.49	276	2950643	40.850	ng	100

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

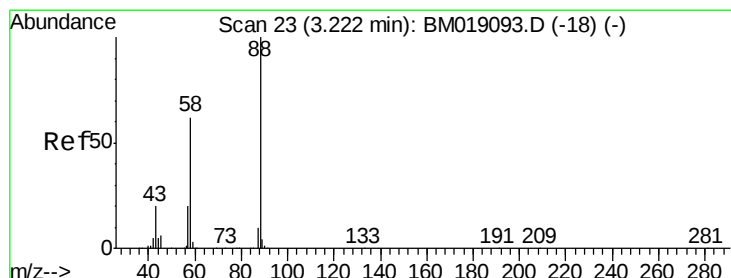
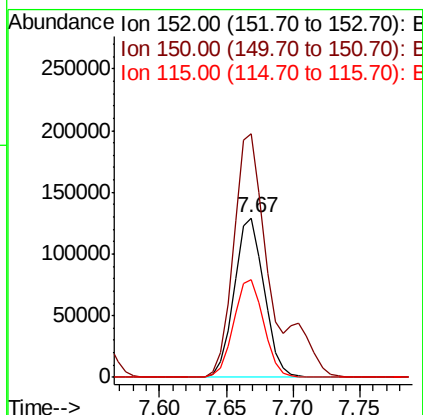
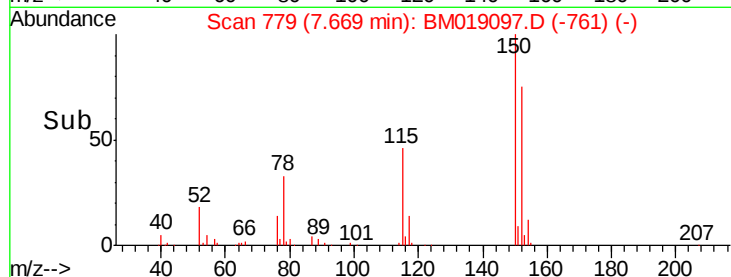
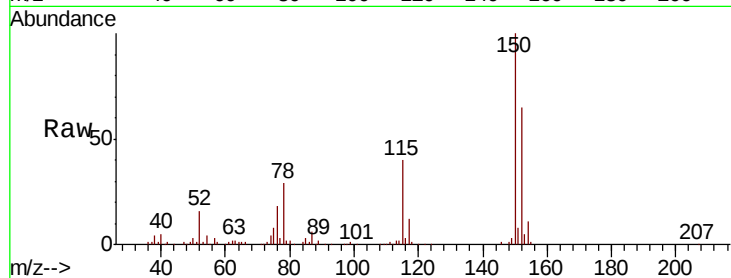


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 779
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Instrument :
BNA_M
ClientSampleId :
ICVBM031119

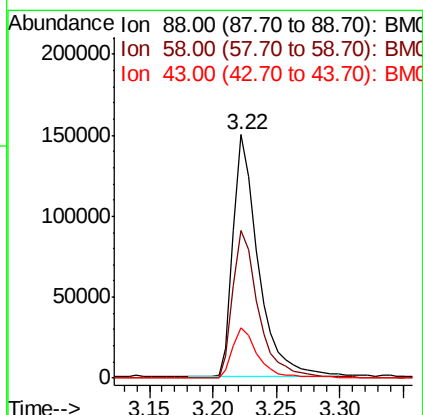
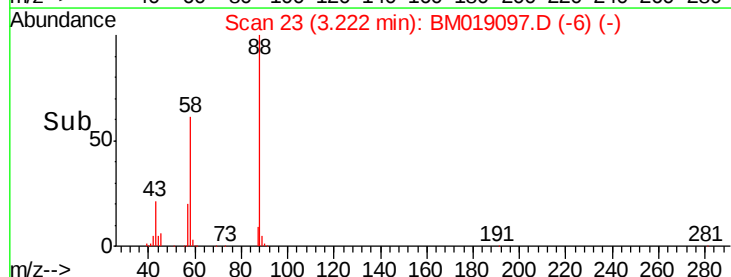
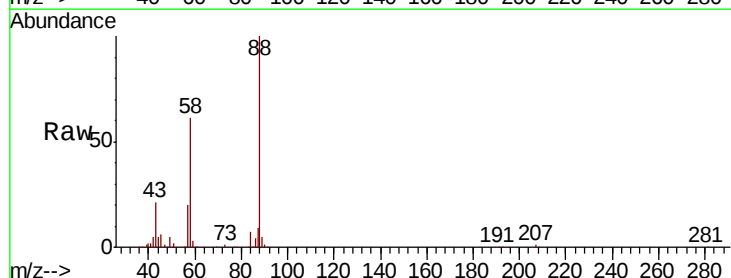
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	125.3	187.9
115	61.2	49.4	74.0



#2

1,4-Dioxane
Concen: 37.184 ng
RT: 3.22 min Scan# 23
Delta R.T. 0.00 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.8	50.0	75.0
43	21.6	17.0	25.4





#3

Pvridine

Concen: 36.324 ng

RT: 3.62 min Scan# 91

Delta R.T. 0.00 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

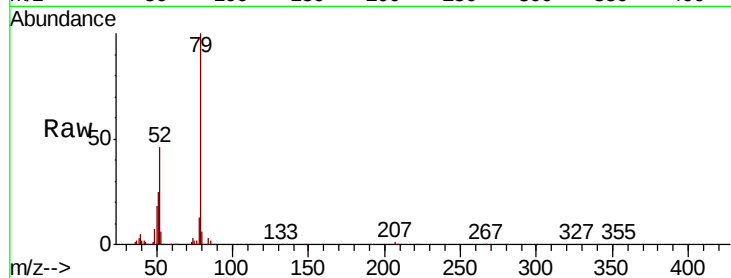
Tot Ion: 79 Resp: 546643

Ion Ratio Lower Upper

79 100

52 46.5 37.5 56.3

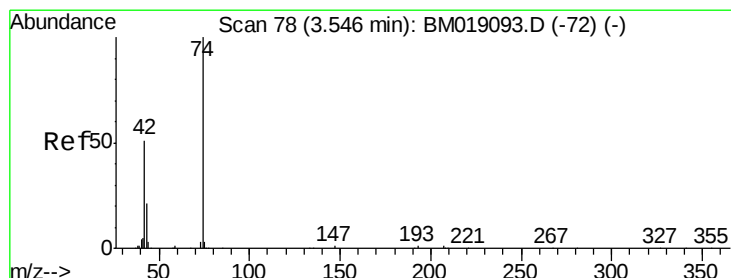
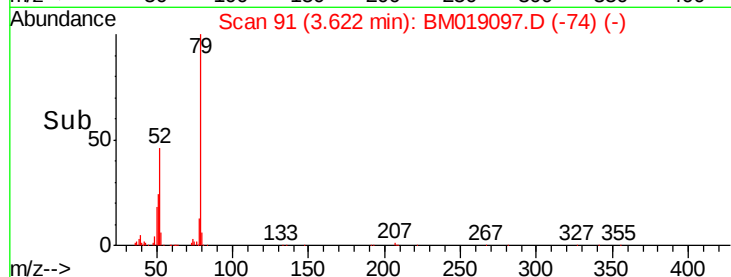
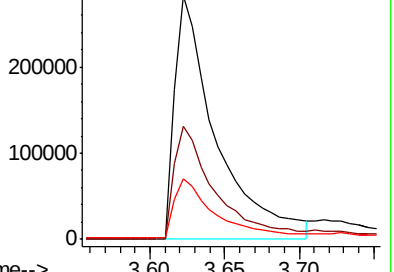
51 24.8 19.2 28.8



Abundance Ion 79.00 (78.70 to 79.70): BM019097.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019097.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019097.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 37.990 ng

RT: 3.55 min Scan# 78

Delta R.T. 0.00 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

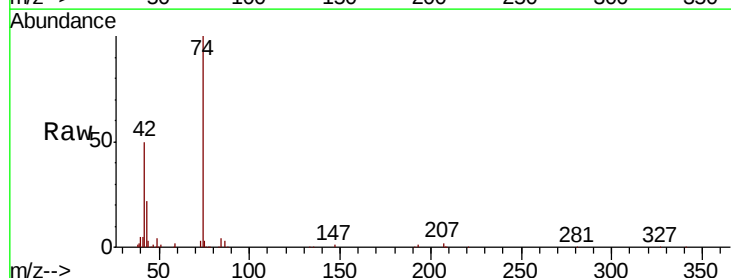
Tgt Ion: 42 Resp: 177735

Ion Ratio Lower Upper

42 100

74 198.5 156.3 234.5

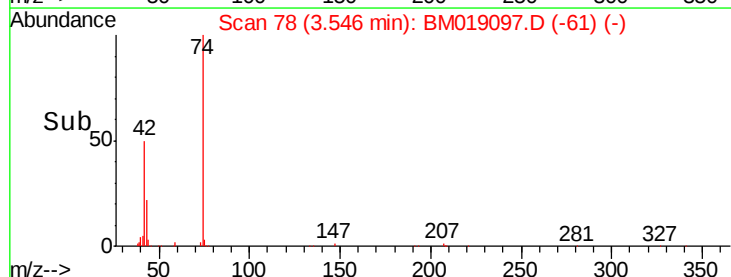
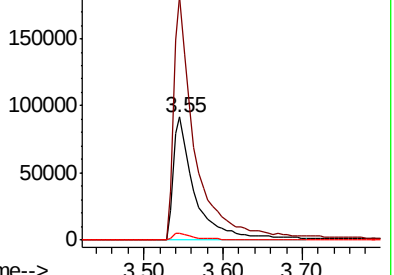
44 6.1 4.6 7.0

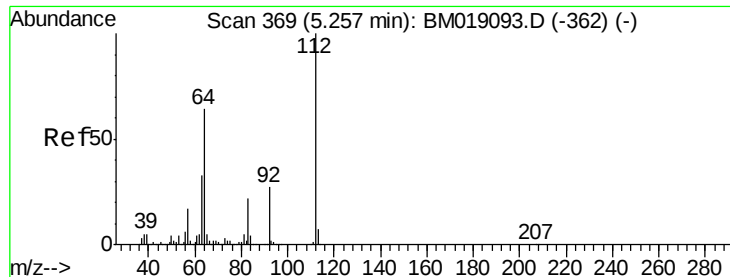


Abundance Ion 42.00 (41.70 to 42.70): BM019097.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BM019097.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BM019097.D (-72) (-)





#5

2-Fluorophenol

Concen: 79.022 ng

RT: 5.26 min Scan# 370

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

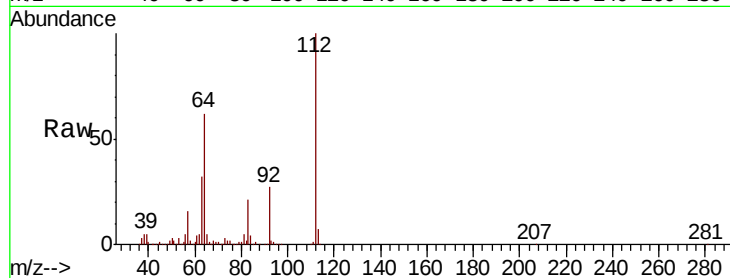
Tot Ion:112 Resp: 982585

Ion Ratio Lower Upper

112 100

64 62.1 51.4 77.0

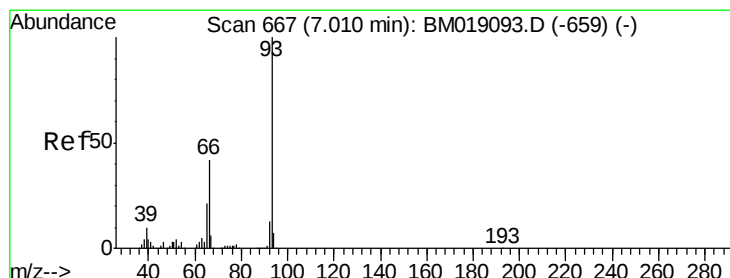
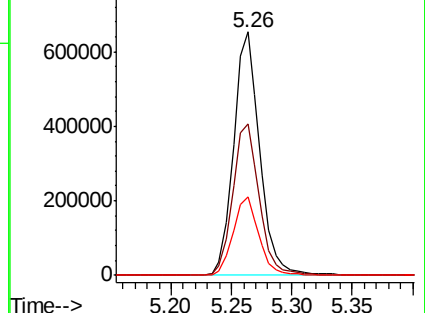
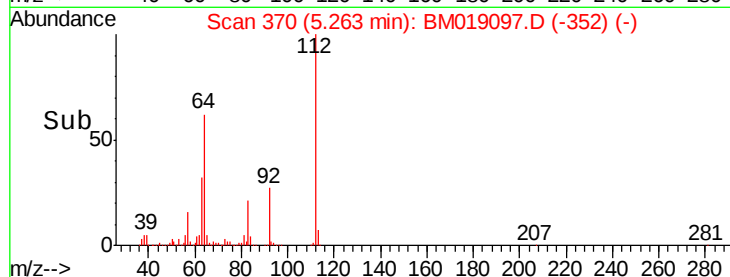
63 32.0 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 40.300 ng

RT: 7.01 min Scan# 667

Delta R.T. 0.00 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

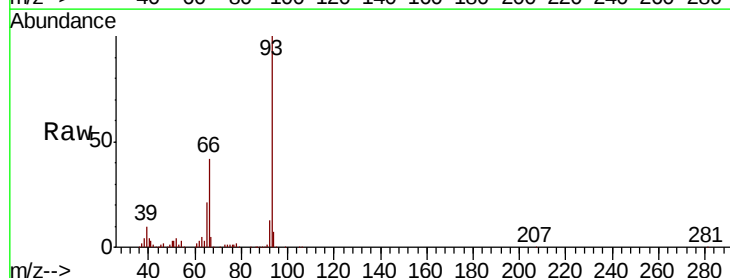
Tgt Ion: 93 Resp: 946327

Ion Ratio Lower Upper

93 100

66 42.0 33.4 50.2

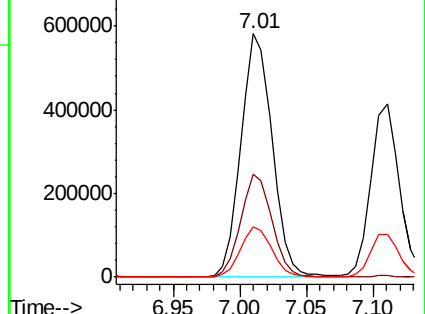
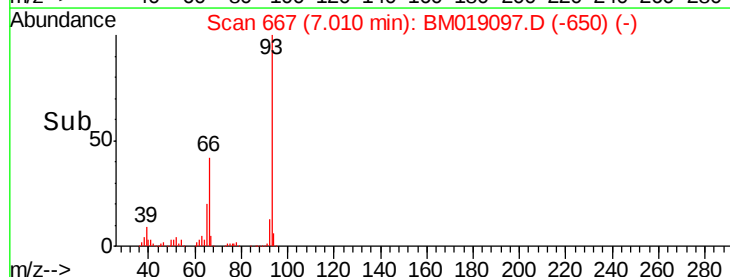
65 20.6 16.8 25.2

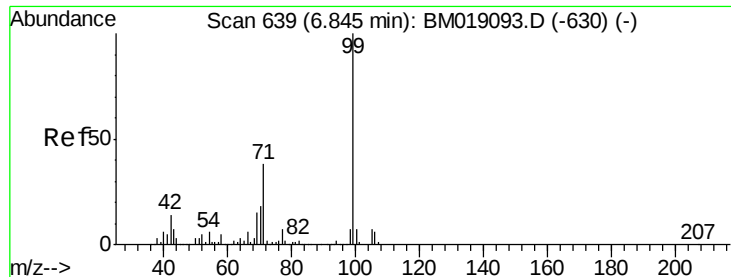


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 81.106 ng

RT: 6.85 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

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ClientSampleId :

ICVBM031119

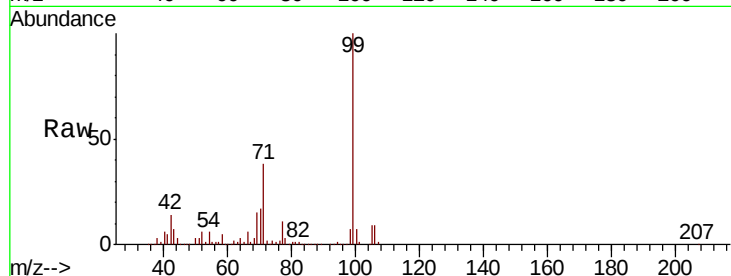
Tot Ion: 99 Resp: 1475135

Ion Ratio Lower Upper

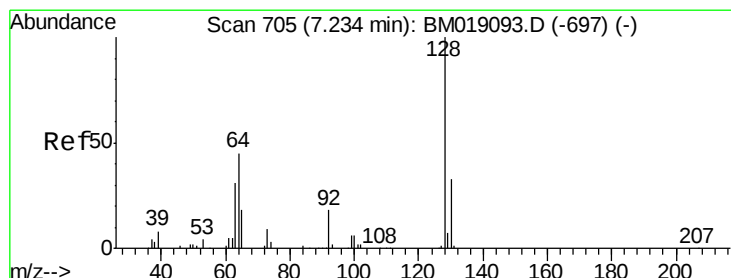
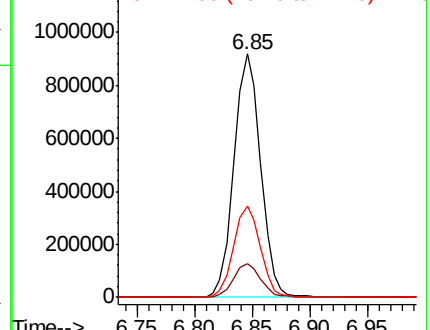
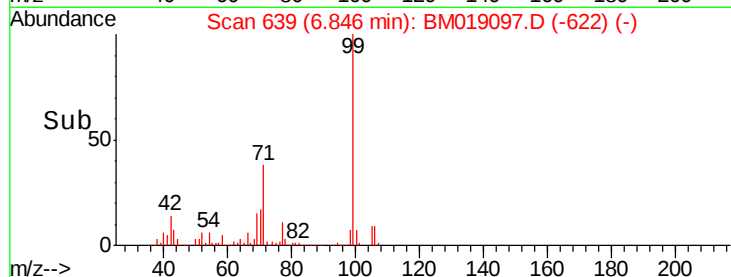
99 100

42 13.9 10.9 16.3

71 37.6 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019097.D (-622) (-)



#8

2-Chlorophenol

Concen: 39.918 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

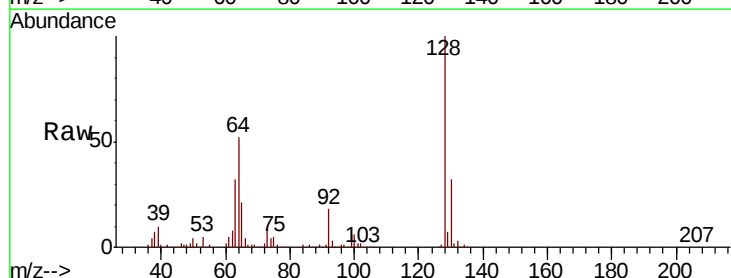
Tgt Ion: 128 Resp: 596465

Ion Ratio Lower Upper

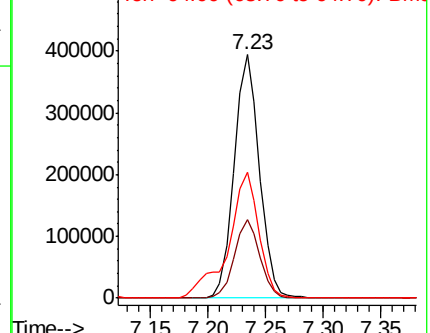
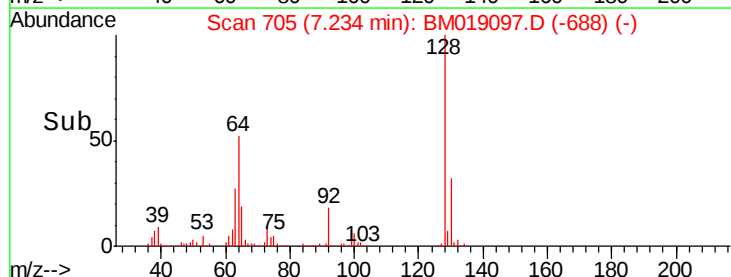
128 100

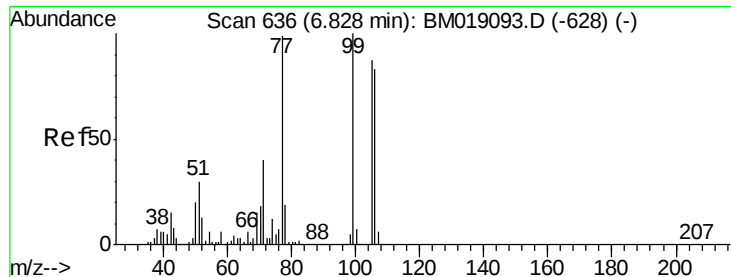
130 32.3 12.8 52.8

64 51.9 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): BM019097.D (-688) (-)





#9

Benzaldehyde

Concen: 41.067 ng

RT: 6.83 min Scan# 636

Delta R.T. 0.00 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

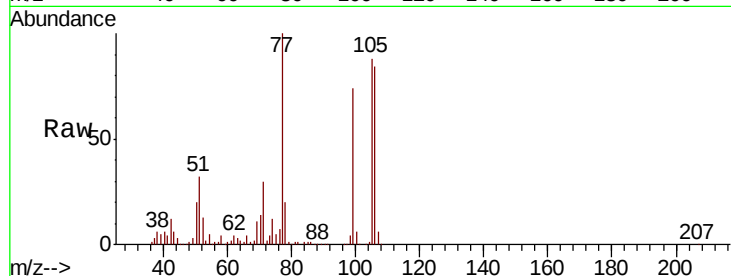
Tot Ion: 77 Resp: 469818

Ion Ratio Lower Upper

77 100

105 87.8 67.7 107.7

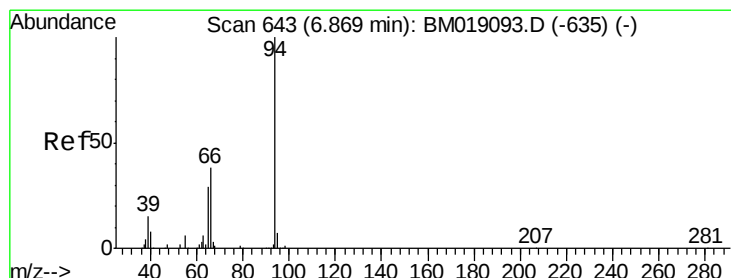
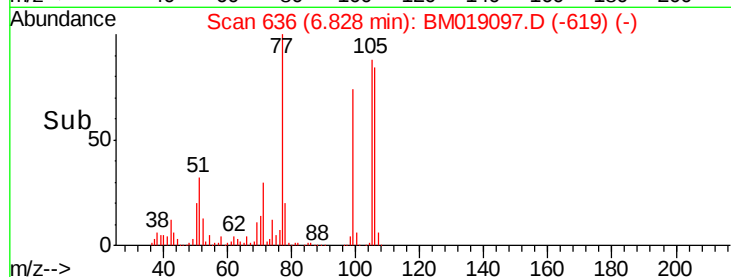
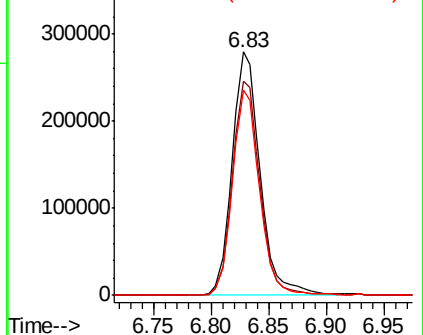
106 84.4 64.1 104.1



Abundance Ion 77.00 (76.70 to 77.70): BM019097.D (-628) (-)

Ion 105.00 (104.70 to 105.70): BM019097.D (-628) (-)

Ion 106.00 (105.70 to 106.70): BM019097.D (-628) (-)



#10

Phenol

Concen: 40.369 ng

RT: 6.87 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

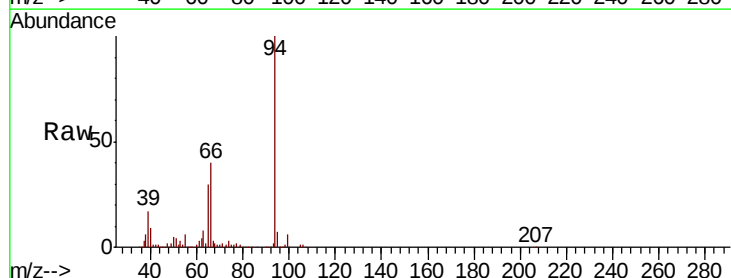
Tgt Ion: 94 Resp: 791287

Ion Ratio Lower Upper

94 100

65 30.0 9.7 49.7

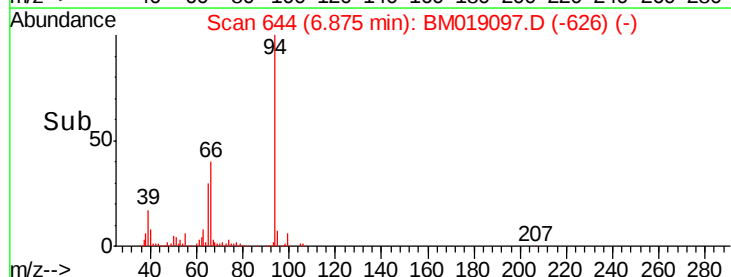
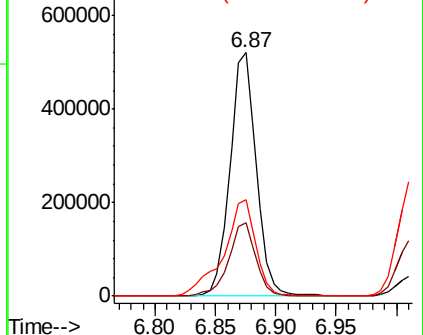
66 39.5 19.2 59.2

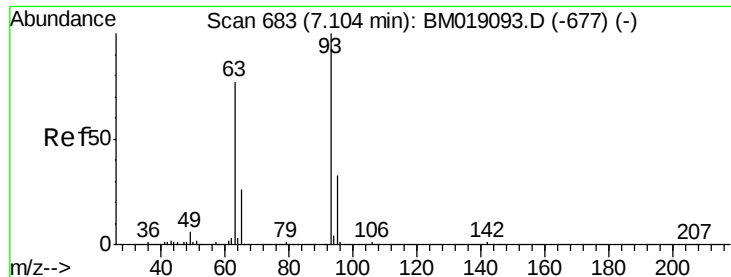


Abundance Ion 94.00 (93.70 to 94.70): BM019097.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM019097.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM019097.D (-626) (-)

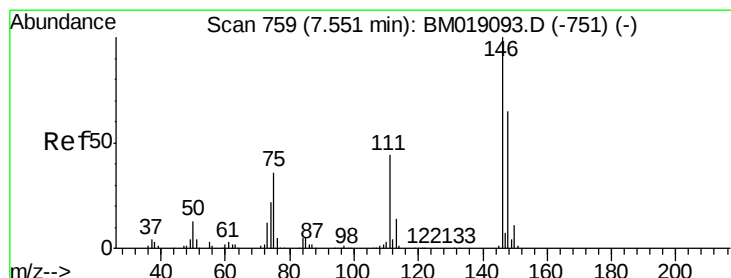
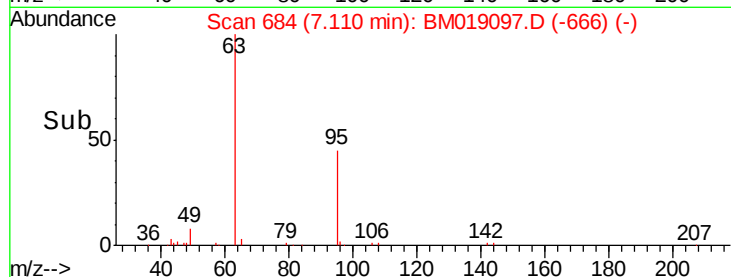
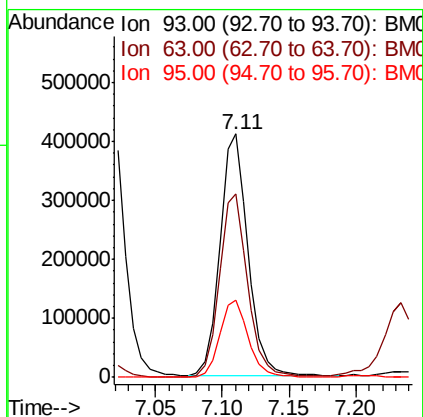
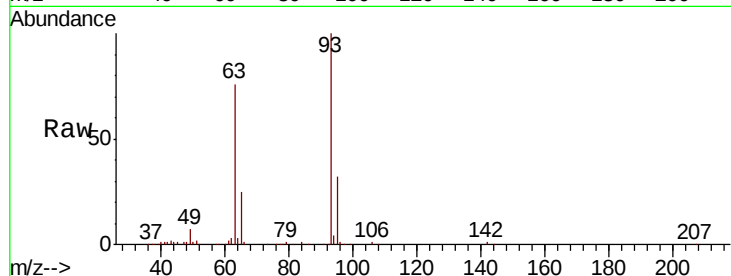




#11
bis(2-Chloroethyl)ether
Concen: 40.109 ng
RT: 7.11 min Scan# 684
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

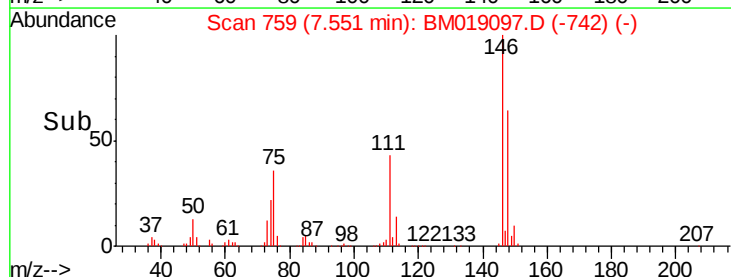
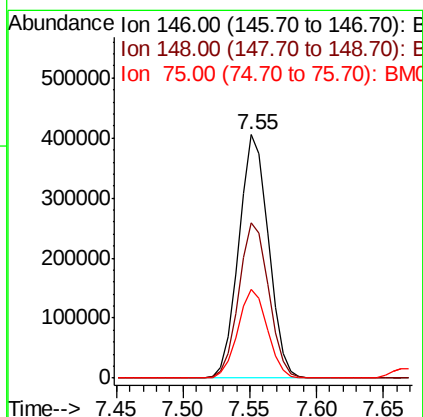
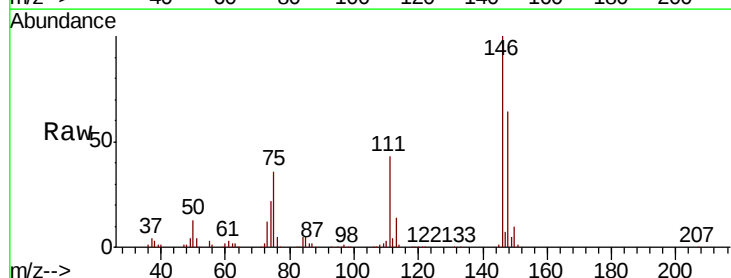
Instrument :
BNA_M
ClientSampleId :
ICVBM031119

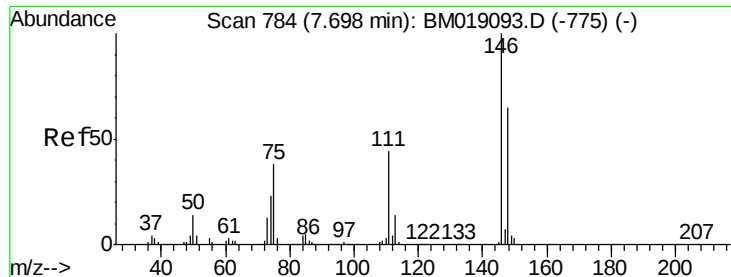
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	56.6	96.6
95	31.9	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 39.616 ng
RT: 7.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.7	77.5
75	36.3	29.1	43.7

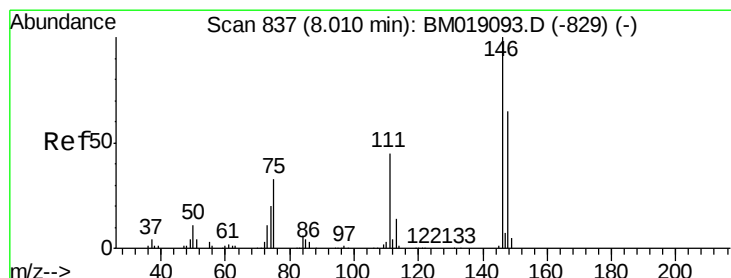
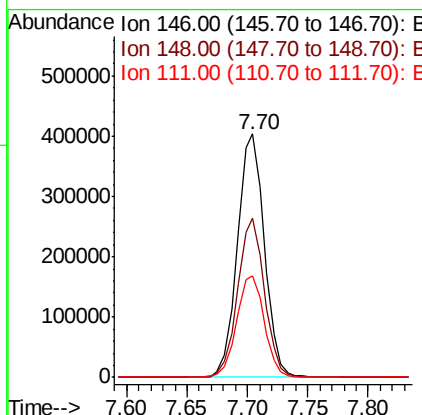
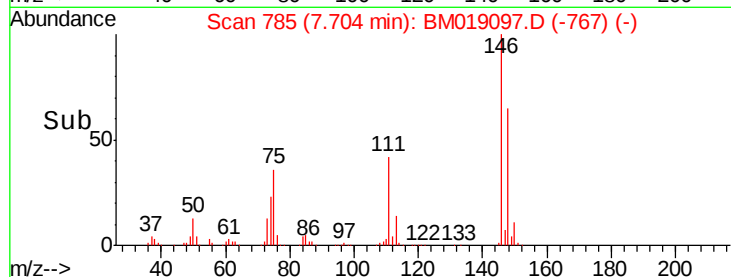
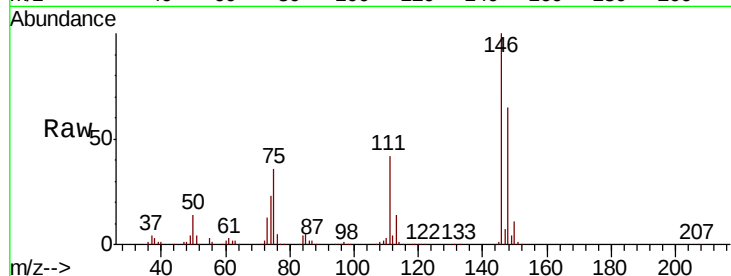




#13
 1,4-Dichlorobenzene
 Concen: 39.207 ng
 RT: 7.70 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BM019097.D
 Acq: 11 Mar 2019 17:28

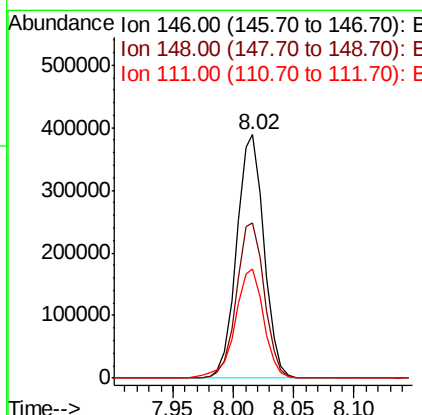
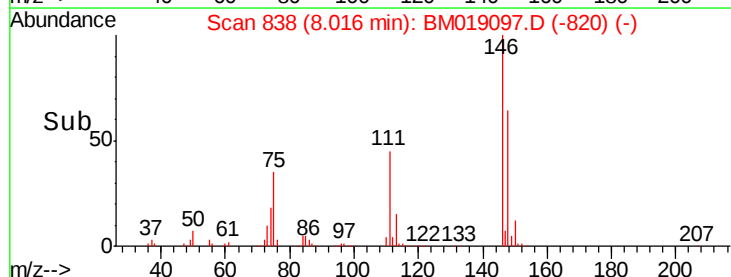
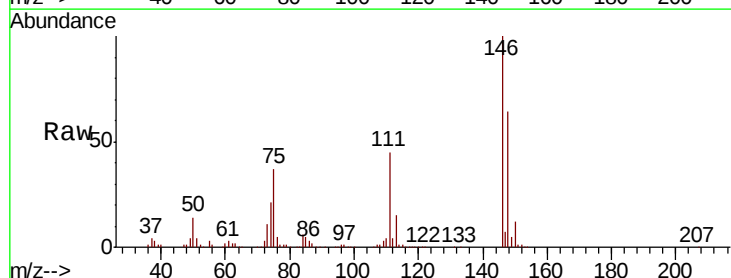
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031119

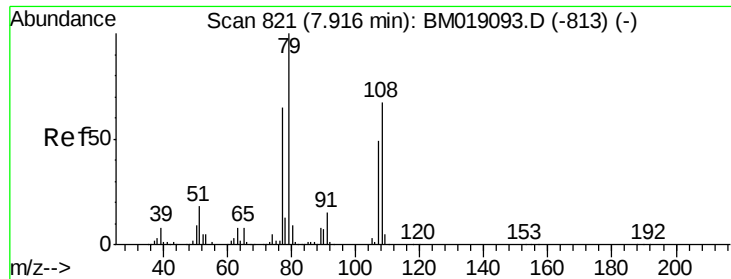
Tot Ion:146 Resp: 632070
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.8 77.6
 111 41.9 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 39.098 ng
 RT: 8.02 min Scan# 838
 Delta R.T. 0.01 min
 Lab File: BM019097.D
 Acq: 11 Mar 2019 17:28

Tgt Ion:146 Resp: 613247
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.8 77.6
 111 44.9 36.2 54.4





#15

Benzyl Alcohol

Concen: 40.940 ng

RT: 7.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

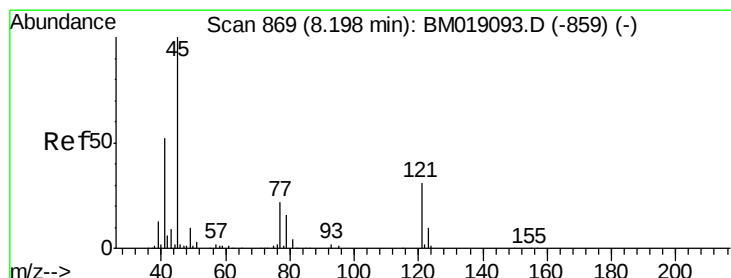
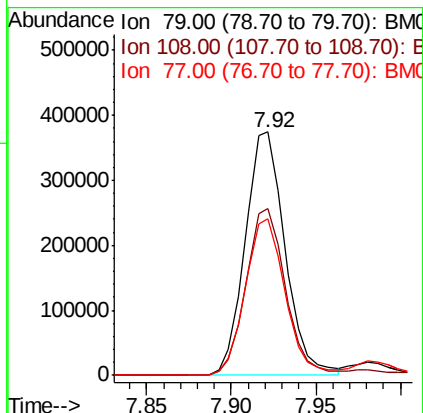
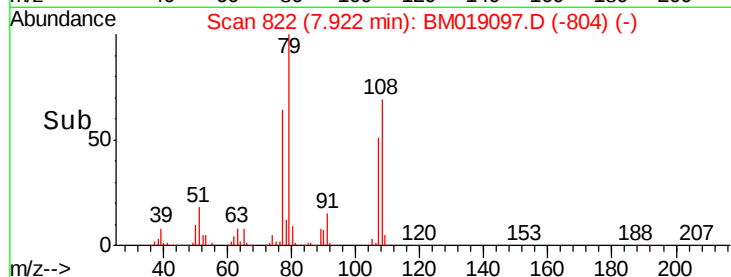
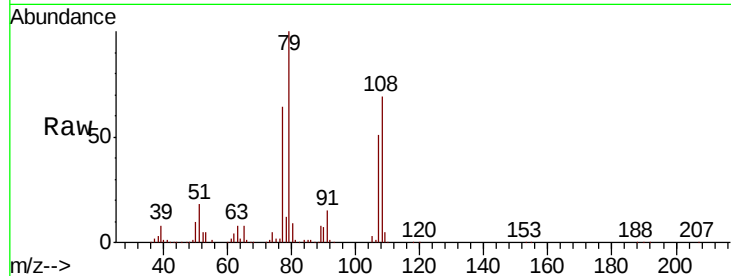
Tot Ion: 79 Resp: 616258

Ion Ratio Lower Upper

79 100

108 68.7 53.7 80.5

77 64.1 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.891 ng

RT: 8.20 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

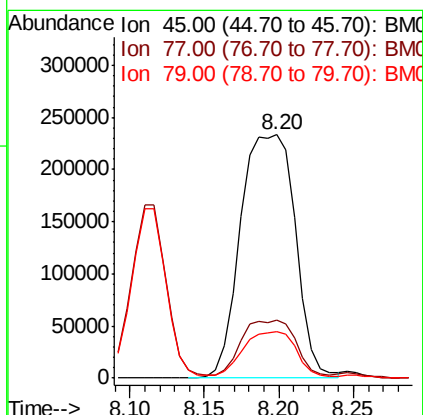
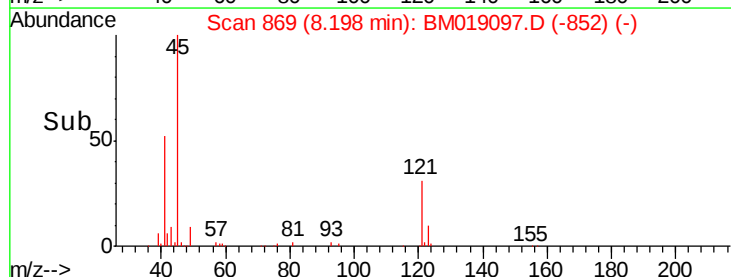
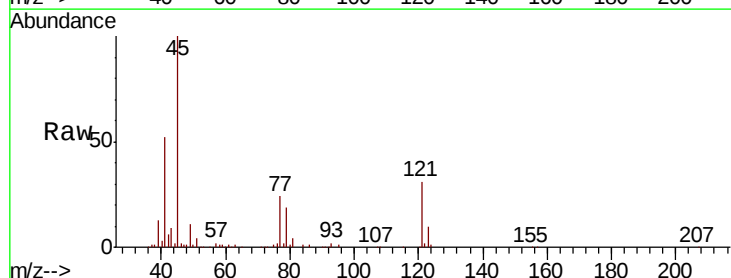
Tgt Ion: 45 Resp: 593951

Ion Ratio Lower Upper

45 100

77 23.7 4.1 44.1

79 19.1 0.0 38.1

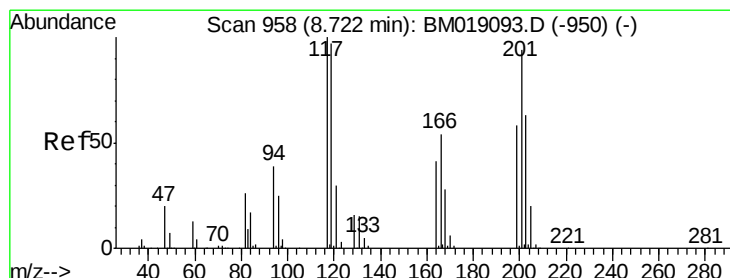
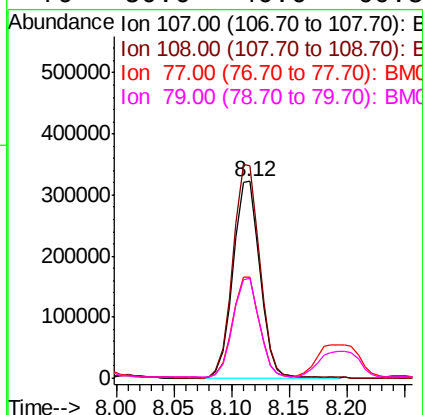
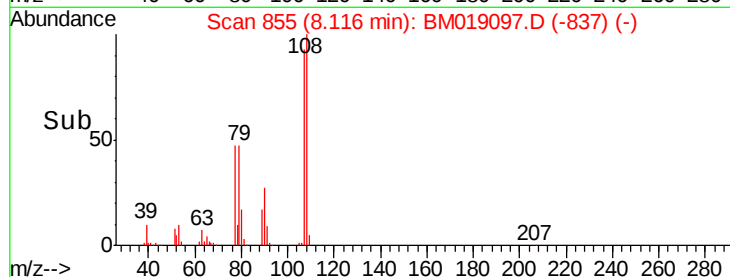
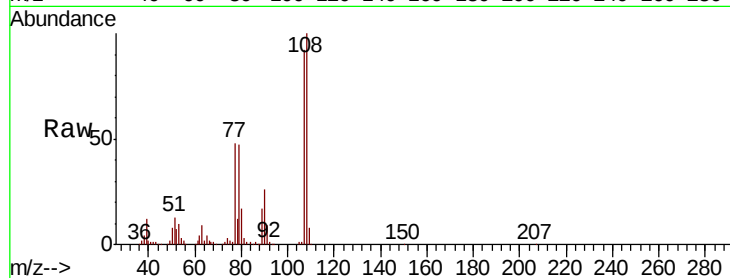




#17
2-Methylphenol
Concen: 40.542 ng
RT: 8.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

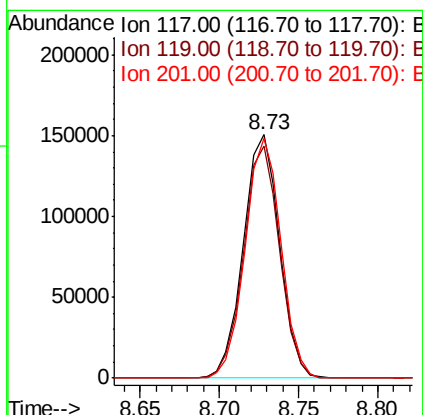
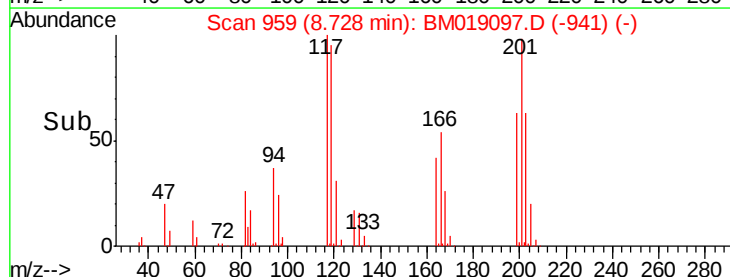
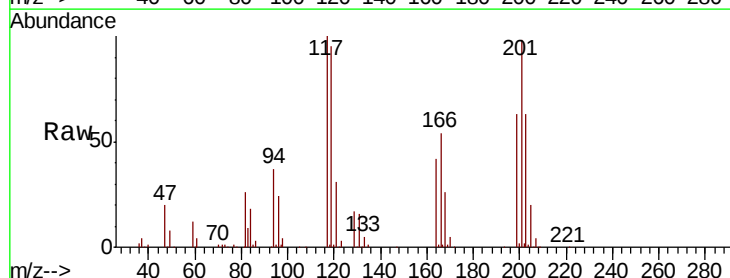
Instrument :
BNA_M
ClientSampleId :
ICVBM031119

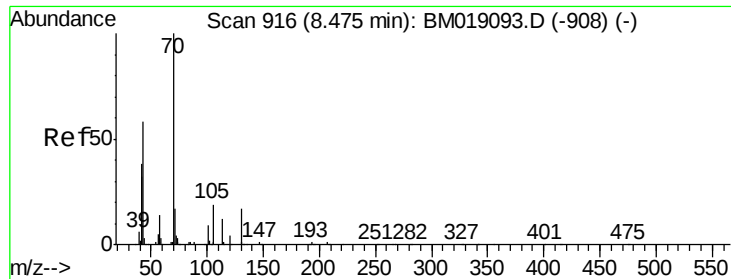
Tot Ion:	107	Resp:	517846
Ion	Ratio	Lower	Upper
107	100		
108	108.2	87.4	131.2
77	51.5	41.6	62.4
79	50.6	40.6	60.8



#18
Hexachloroethane
Concen: 39.887 ng
RT: 8.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt Ion:	117	Resp:	238942
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.4	116.2
201	98.3	75.2	112.8

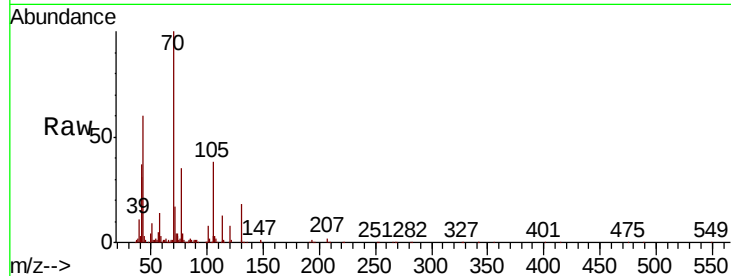




#19
n-Nitroso-di-n-propylamine
Concen: 40.992 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Instrument :
BNA_M
ClientSampleId :
ICVBM031119

Tot Ion:	70	Resp:	611648
Ion	Ratio	Lower	Upper
70	100		
42	36.6	30.6	45.8
101	8.3	6.8	10.2
130	18.2	13.9	20.9



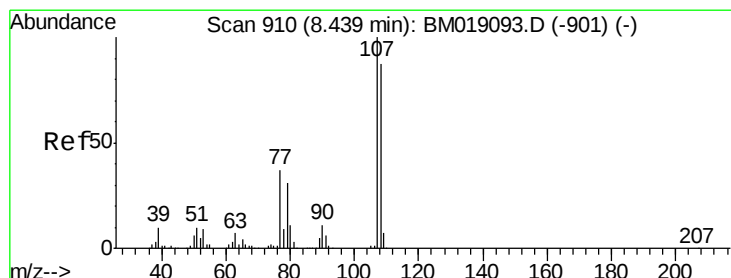
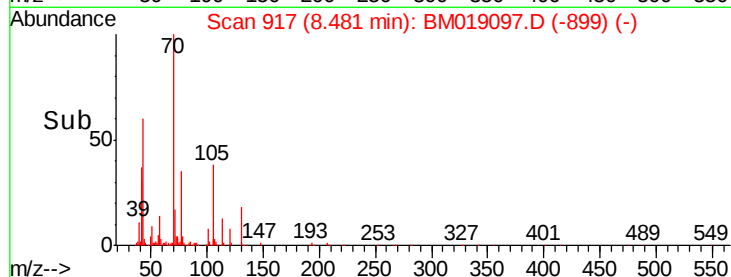
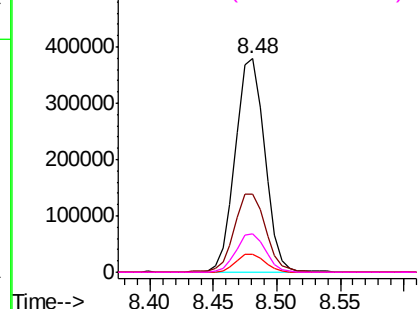
Abundance

Ion 70.00 (69.70 to 70.70): BM019097.D (-908) (-)

Ion 42.00 (41.70 to 42.70): BM019097.D (-908) (-)

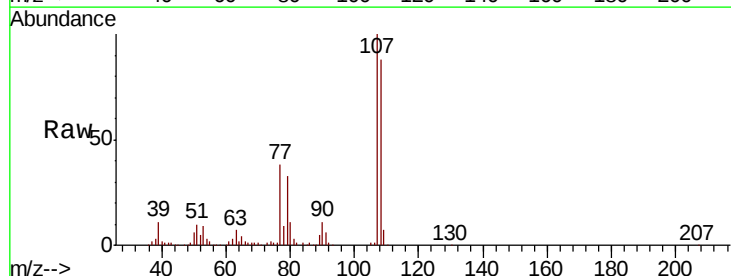
Ion 101.00 (100.70 to 101.70): BM019097.D (-908) (-)

Ion 130.00 (129.70 to 130.70): BM019097.D (-908) (-)



#20
3+4-Methylphenols
Concen: 40.859 ng
RT: 8.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt Ion:	107	Resp:	708414
Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.0	107.0
77	37.6	17.3	57.3
79	33.2	11.6	51.6



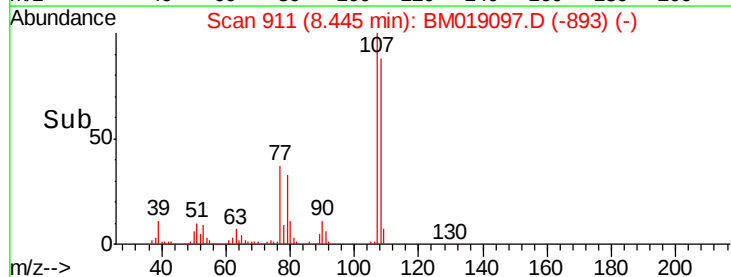
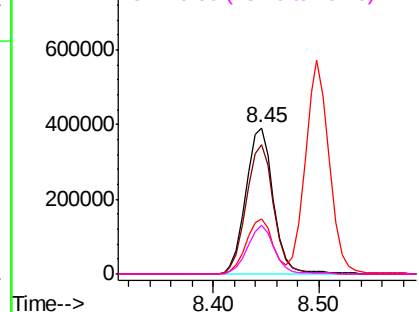
Abundance

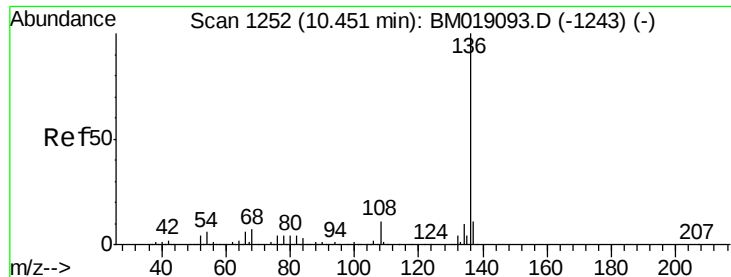
Ion 107.00 (106.70 to 107.70): BM019097.D (-901) (-)

Ion 108.00 (107.70 to 108.70): BM019097.D (-901) (-)

Ion 77.00 (76.70 to 77.70): BM019097.D (-901) (-)

Ion 79.00 (78.70 to 79.70): BM019097.D (-901) (-)

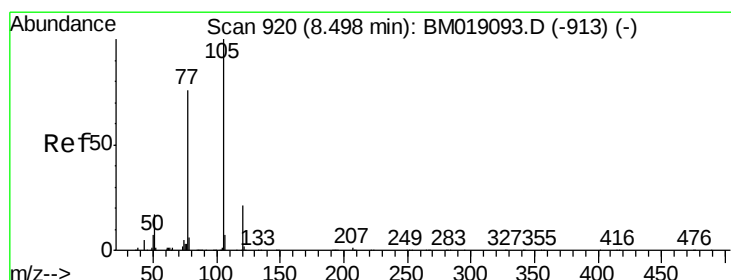
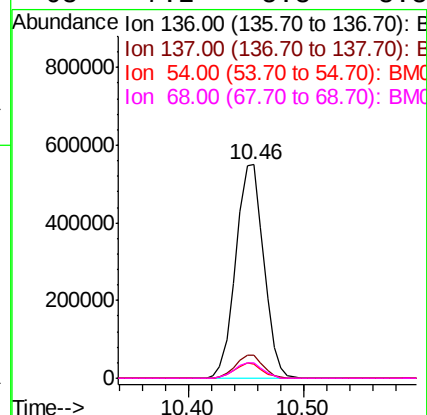
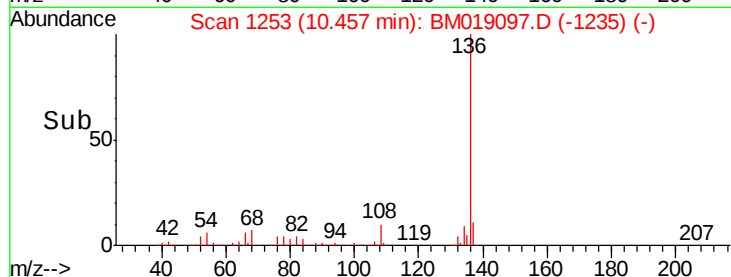
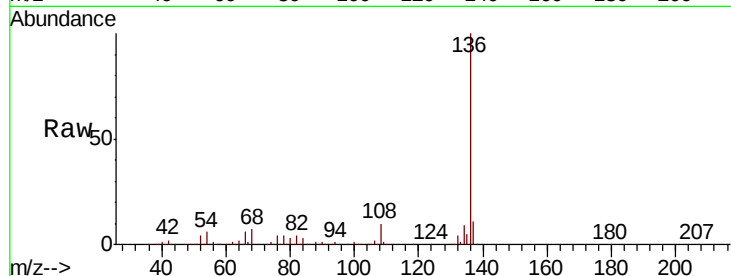




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1253
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

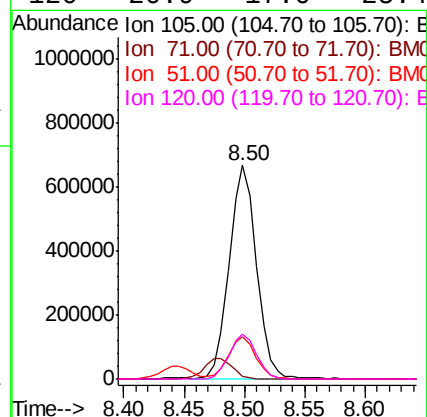
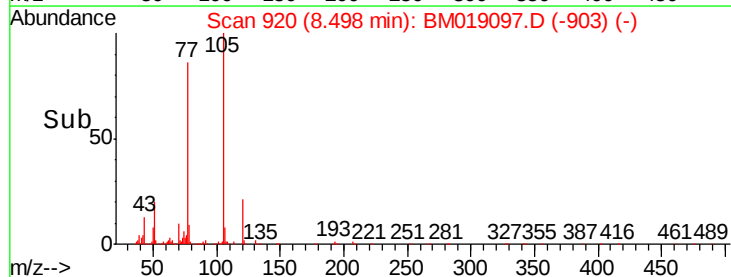
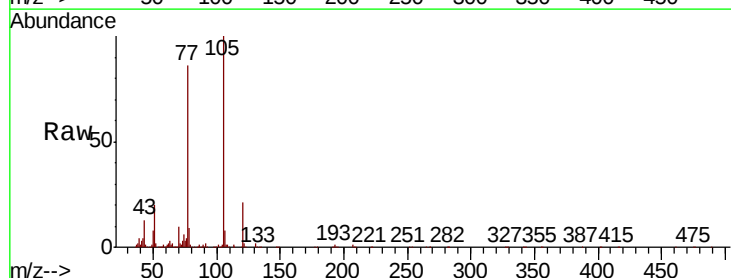
Instrument :
BNA_M
ClientSampleId :
ICVBM031119

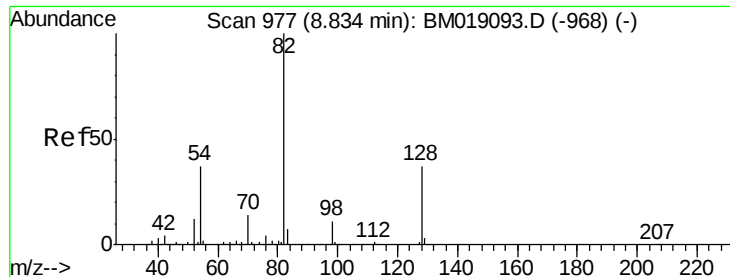
Tot Ion:136	Resp:	927397
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.6	13.0
54 6.4	5.2	7.8
68 7.2	5.8	8.8



#22
Acetophenone
Concen: 40.401 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt	Ion:105	Resp:	1035456
Ion	Ratio	Lower	Upper
105	100		
71	1.5	0.8	1.2#
51	20.0	15.8	23.6
120	20.9	17.0	25.4

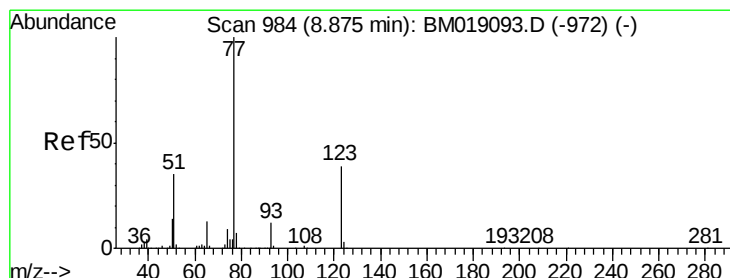
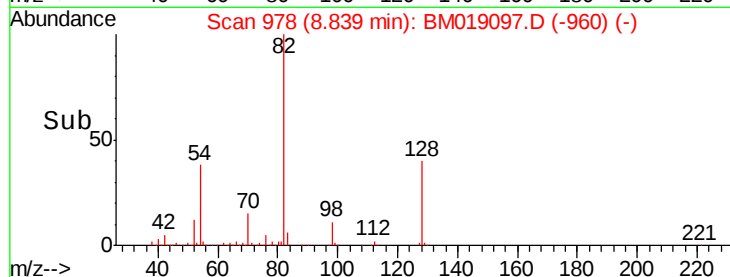
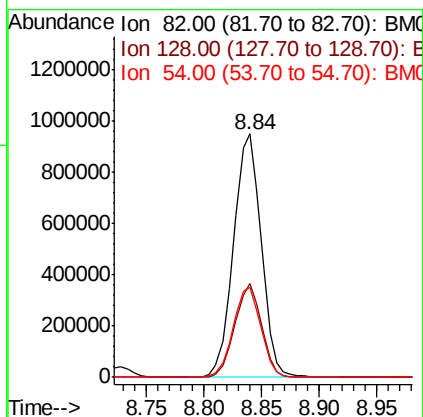
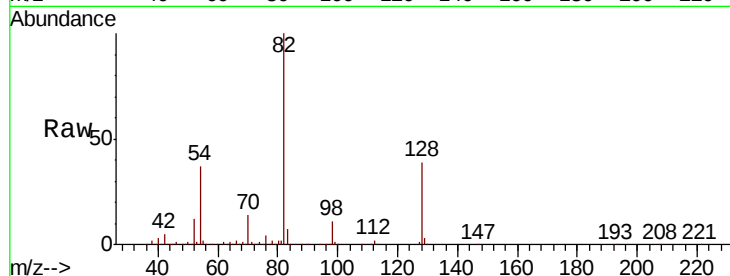




#23
Nitrobenzene-d5
Concen: 80.487 ng
RT: 8.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

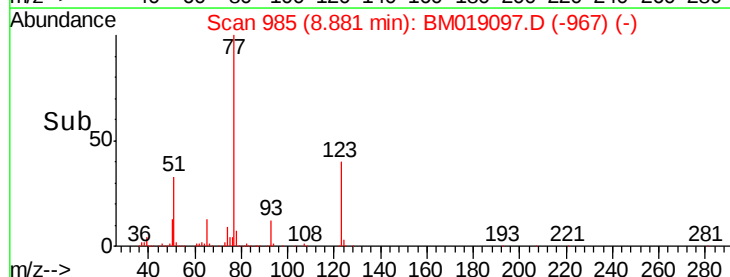
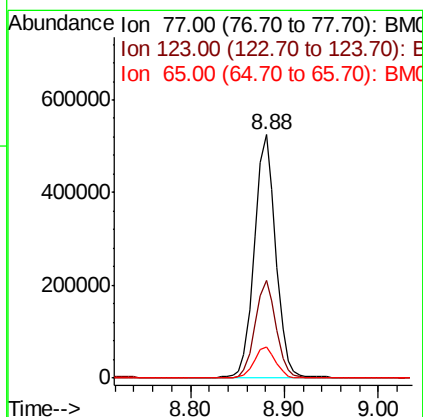
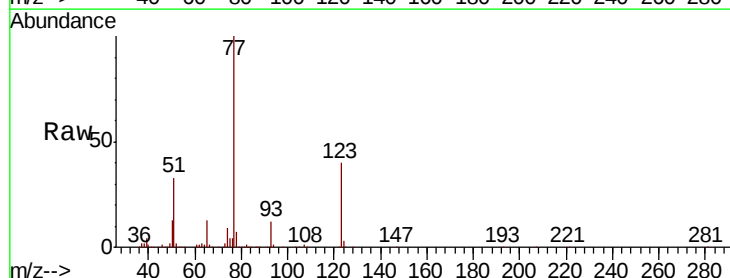
Instrument :
BNA_M
ClientSampleId :
ICVBM031119

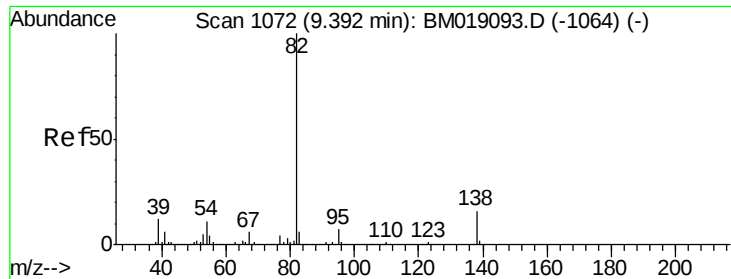
Tot Ion: 82 Resp: 1579089
Ion Ratio Lower Upper
82 100
128 38.7 29.4 44.2
54 37.2 29.9 44.9



#24
Nitrobenzene
Concen: 40.501 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt Ion: 77 Resp: 826390
Ion Ratio Lower Upper
77 100
123 40.3 31.3 46.9
65 12.8 10.5 15.7

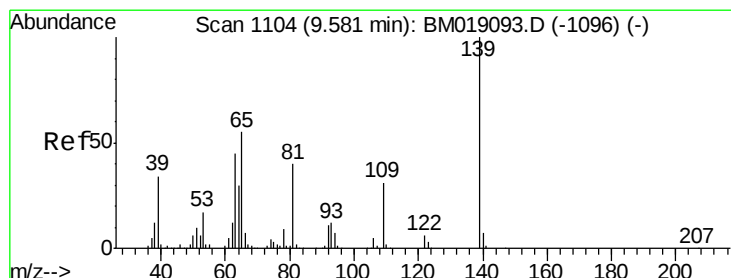
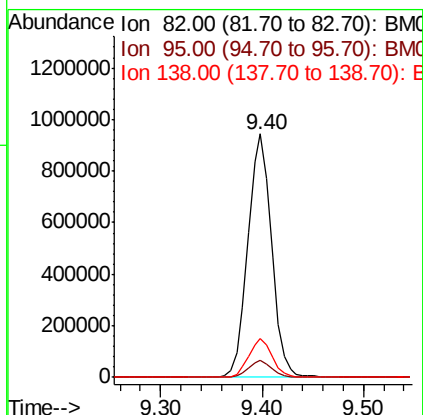
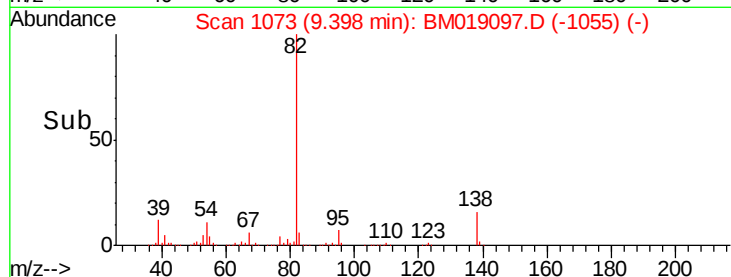
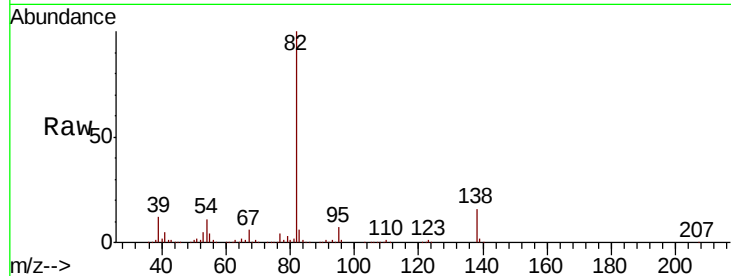




#25
Isophorone
Concen: 40.857 ng
RT: 9.40 min Scan# 1073
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

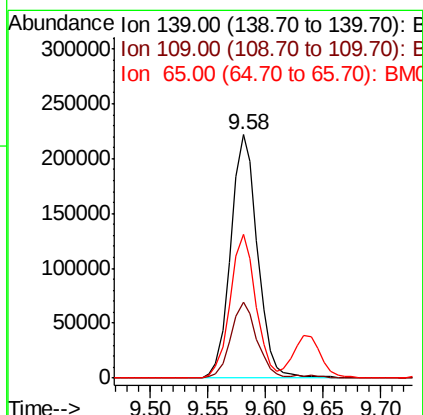
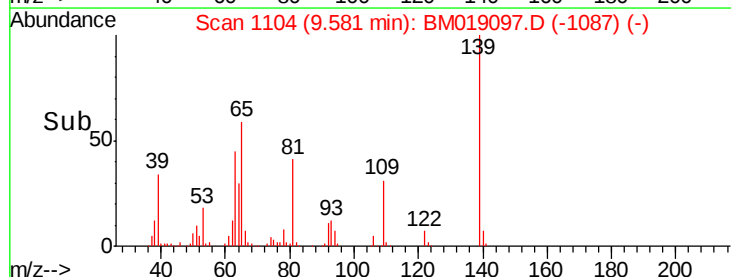
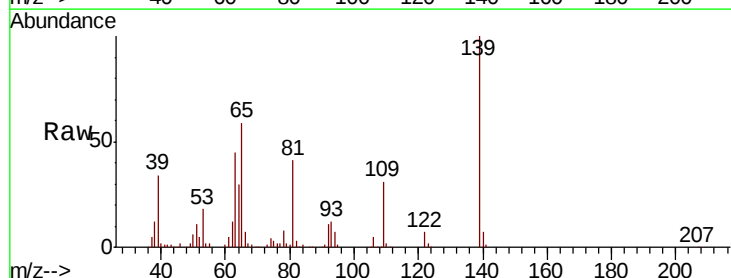
Instrument :
BNA_M
ClientSampleId :
ICVBM031119

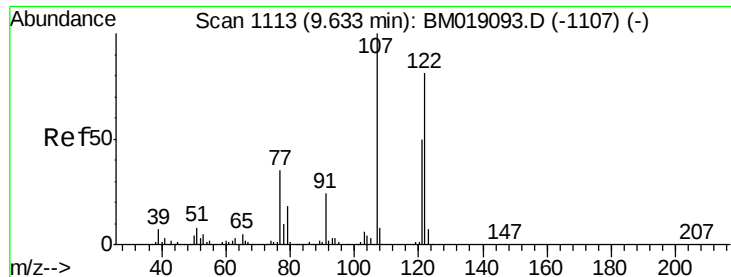
Tot Ion: 82 Resp: 1529521
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 15.7 12.6 18.8



#26
2-Nitrophenol
Concen: 42.175 ng
RT: 9.58 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt Ion: 139 Resp: 356701
Ion Ratio Lower Upper
139 100
109 31.3 24.5 36.7
65 59.0 44.4 66.6

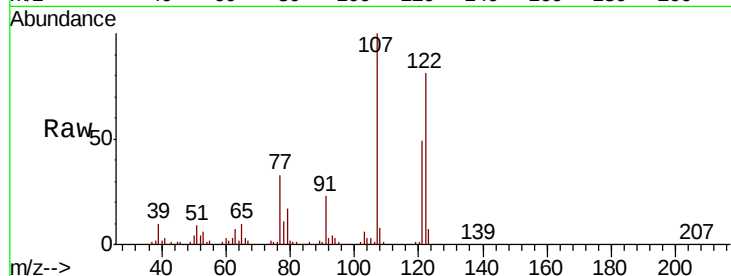




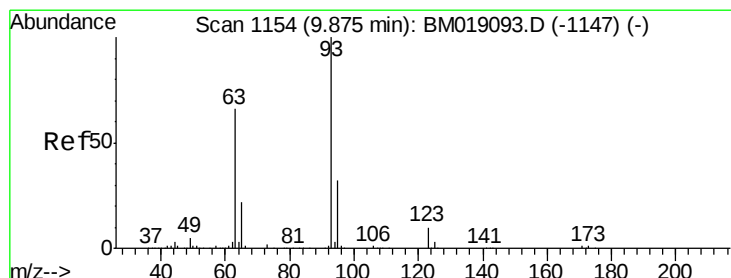
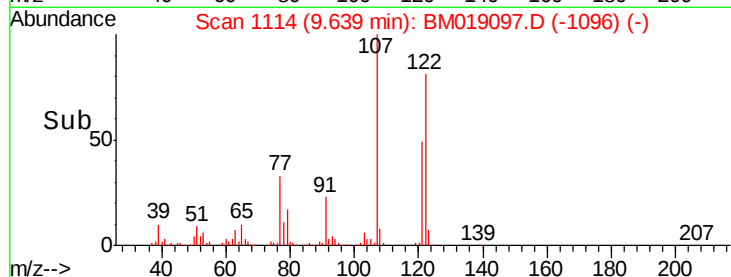
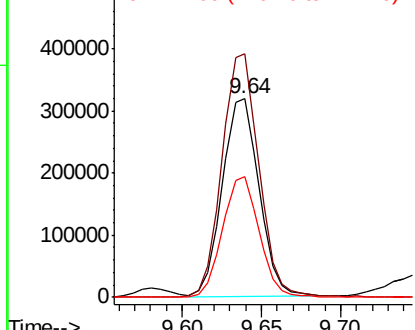
#27
2,4-Dimethylphenol
Concen: 40.814 ng
RT: 9.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Instrument :
BNA_M
ClientSampleId :
ICVBM031119

Tot Ion:122 Resp: 513182
Ion Ratio Lower Upper
122 100
107 122.8 98.2 147.4
121 60.6 48.8 73.2

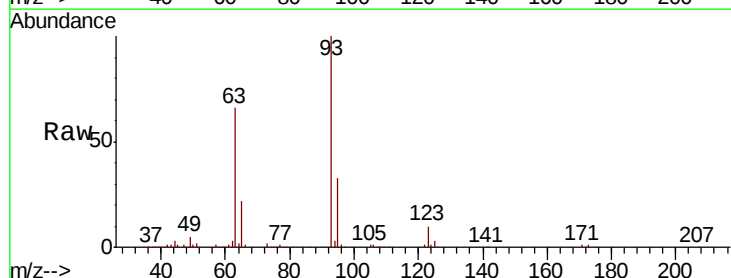


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

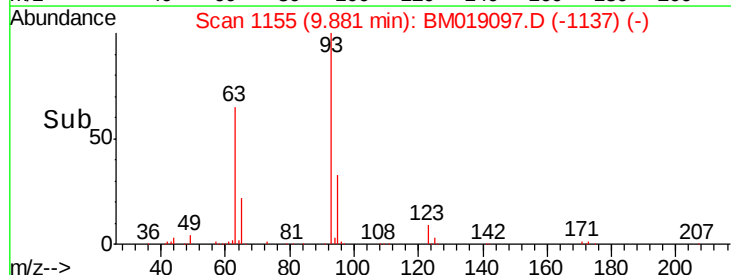
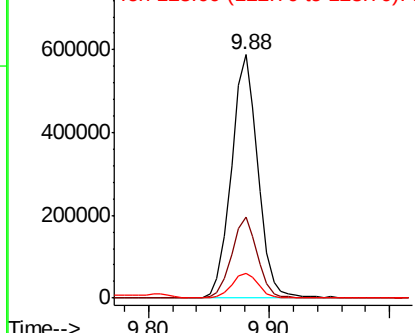


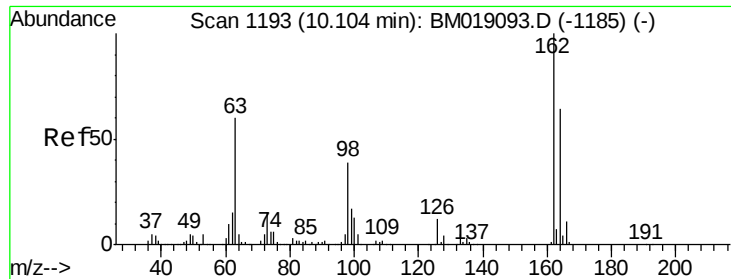
#28
bis(2-Chloroethoxy)methane
Concen: 40.580 ng
RT: 9.88 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt Ion: 93 Resp: 899535
Ion Ratio Lower Upper
93 100
95 33.2 25.8 38.8
123 10.2 7.9 11.9



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

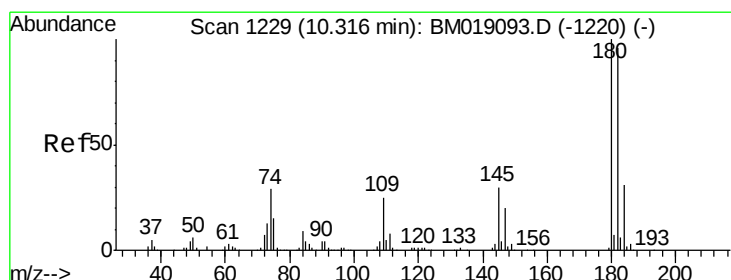
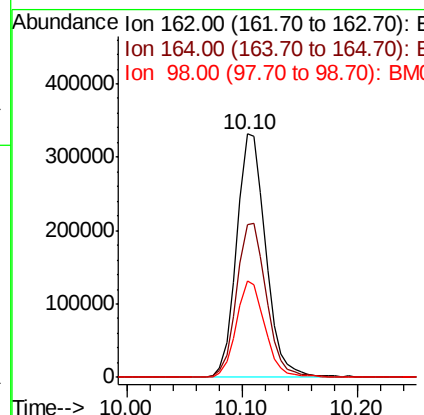
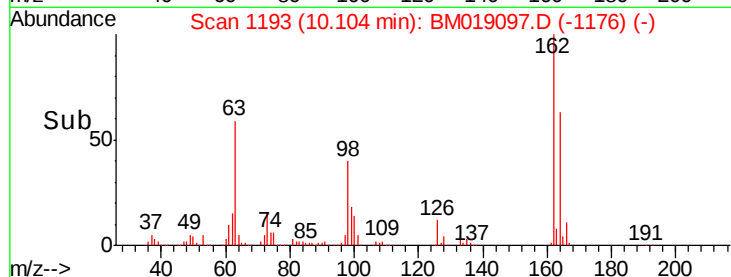
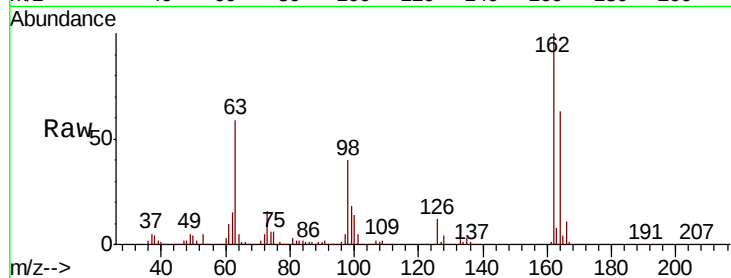




#29
 2,4-Dichlorophenol
 Concen: 41.748 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BM019097.D
 Acq: 11 Mar 2019 17:28

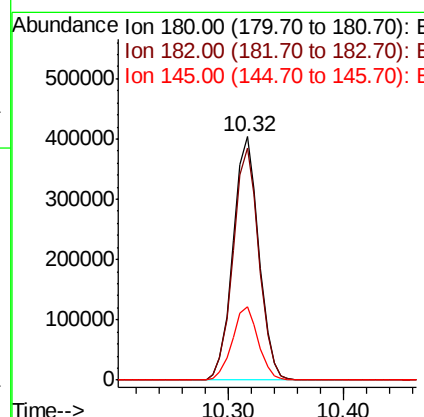
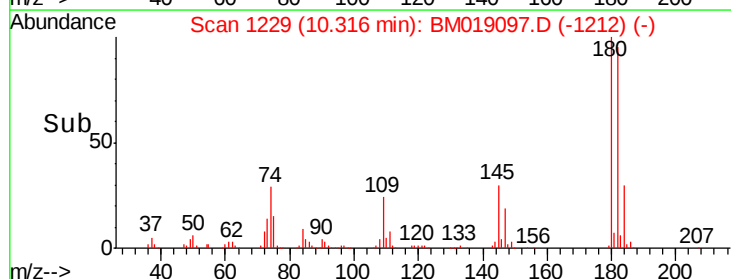
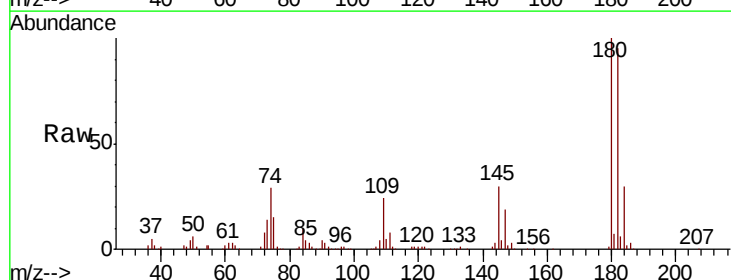
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031119

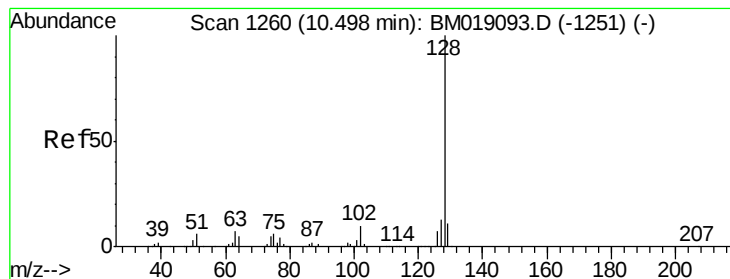
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.5	83.5
98	39.6	19.1	59.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.829 ng
 RT: 10.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BM019097.D
 Acq: 11 Mar 2019 17:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.6	114.8
145	30.3	24.3	36.5





#31

Naphthalene

Concen: 39.787 ng

RT: 10.50 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

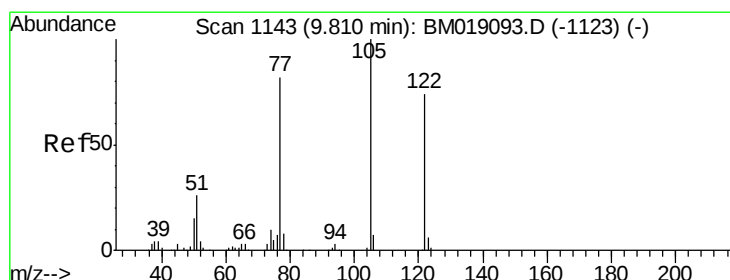
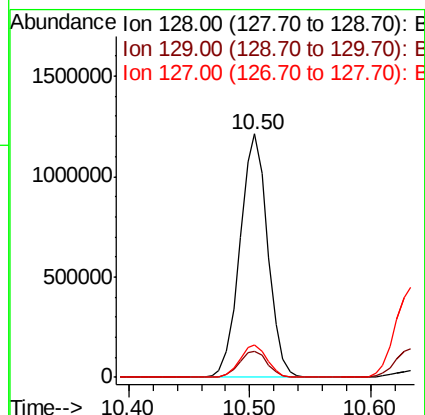
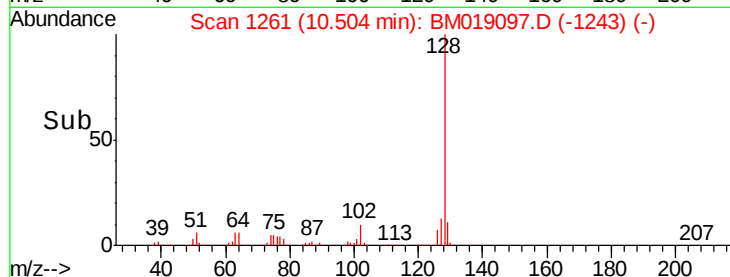
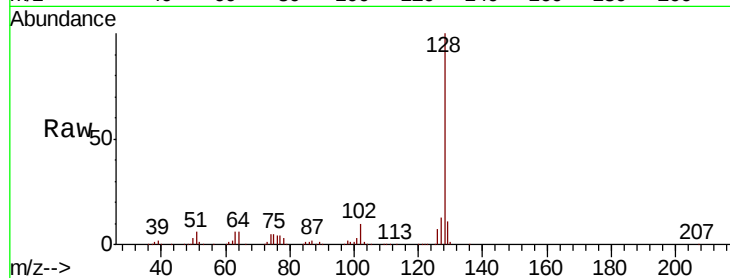
Tot Ion:128 Resp: 1944830

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.3 10.4 15.6



#32

Benzoic acid

Concen: 37.453 ng

RT: 9.81 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

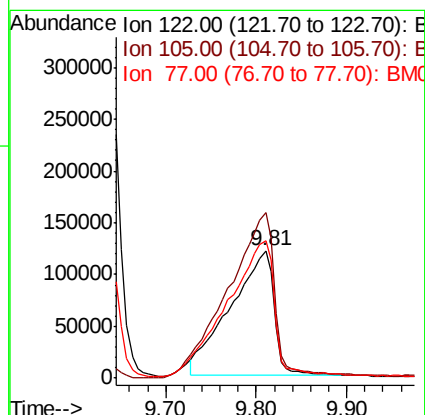
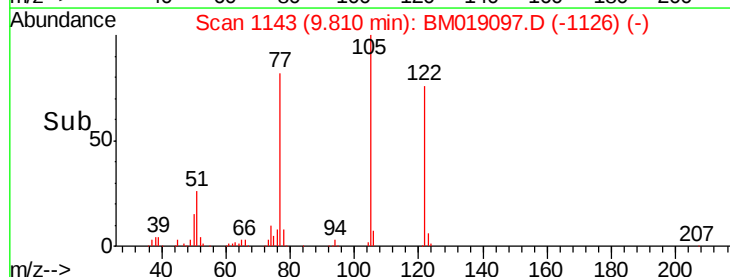
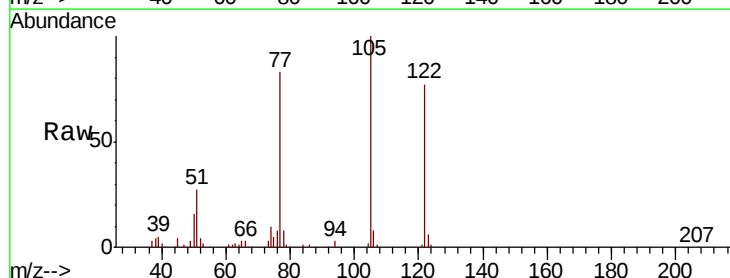
Tgt Ion:122 Resp: 398825

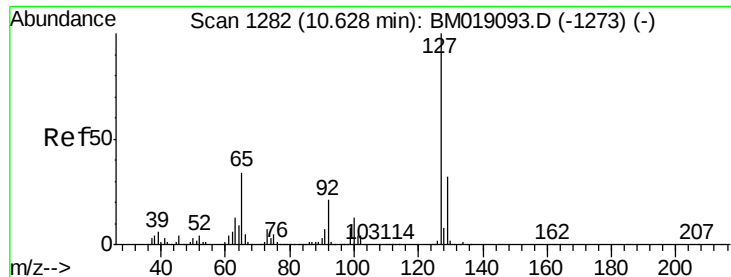
Ion Ratio Lower Upper

122 100

105 130.5 113.0 153.0

77 108.0 90.1 130.1

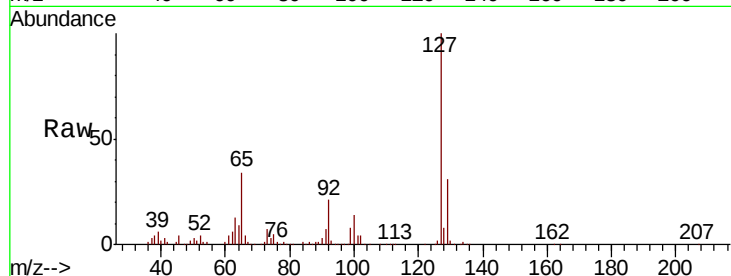




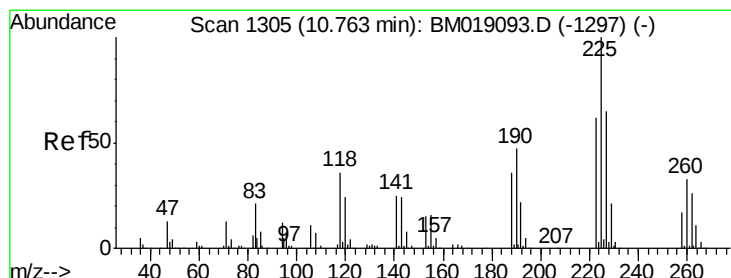
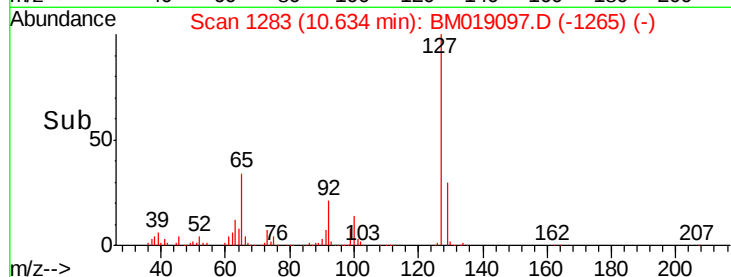
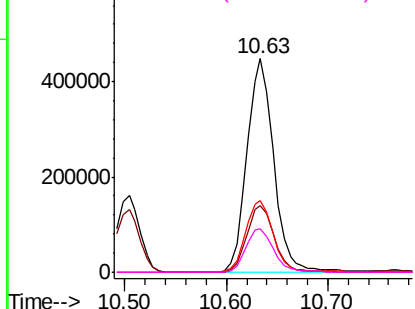
#33
4-Chloroaniline
Concen: 41.006 ng
RT: 10.63 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Instrument :
BNA_M
ClientSampleId :
ICVBM031119

Tot Ion:	127	Resp:	821655
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.3	37.9
65	33.6	27.4	41.2
92	20.6	16.8	25.2

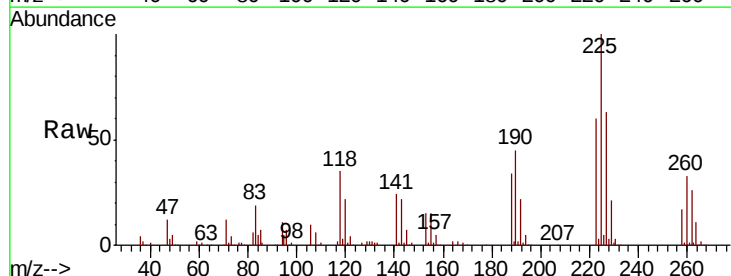


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

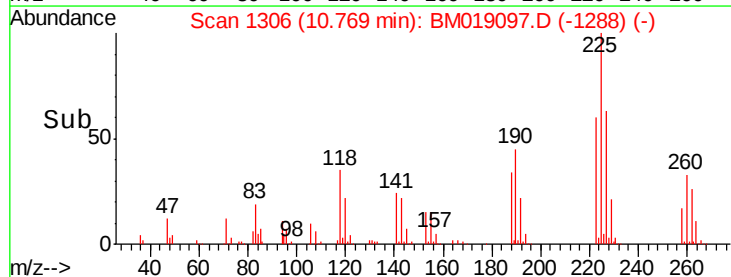
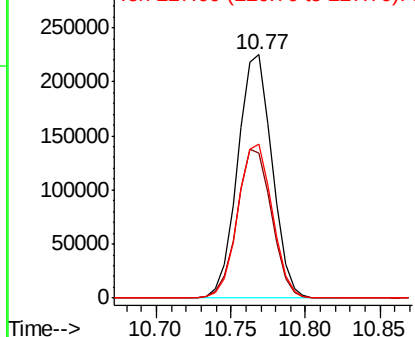


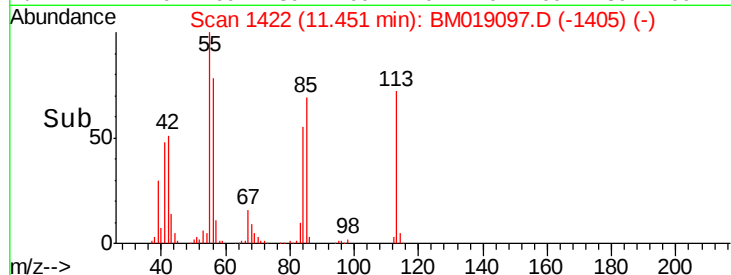
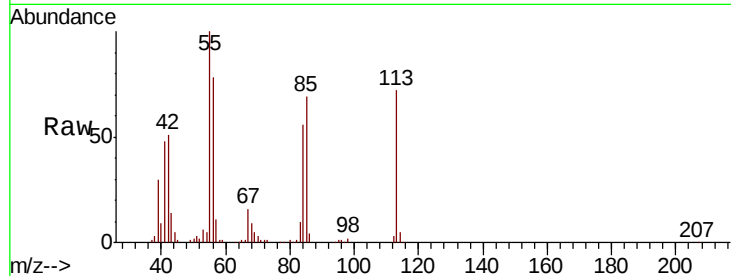
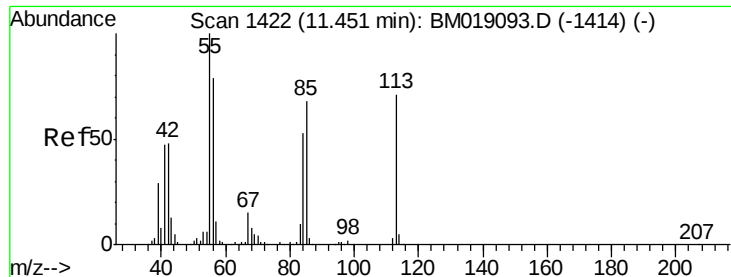
#34
Hexachlorobutadiene
Concen: 39.914 ng
RT: 10.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt Ion:	225	Resp:	359662
Ion	Ratio	Lower	Upper
225	100		
223	59.8	49.4	74.0
227	63.4	51.6	77.4



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

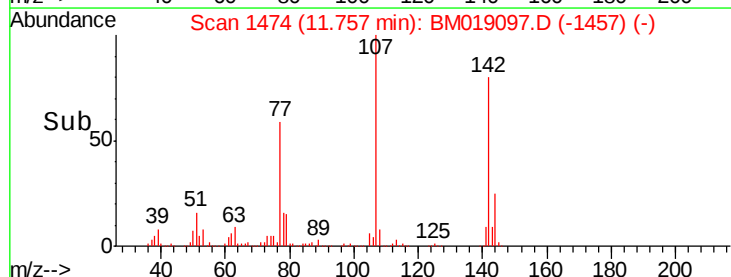
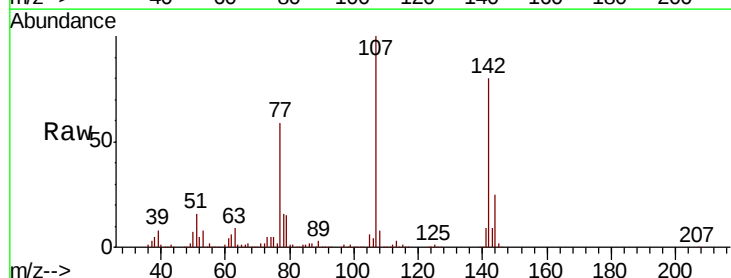
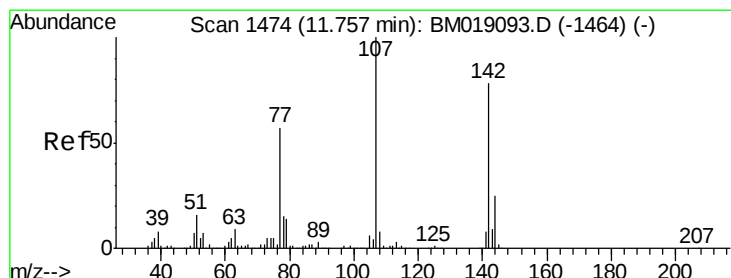
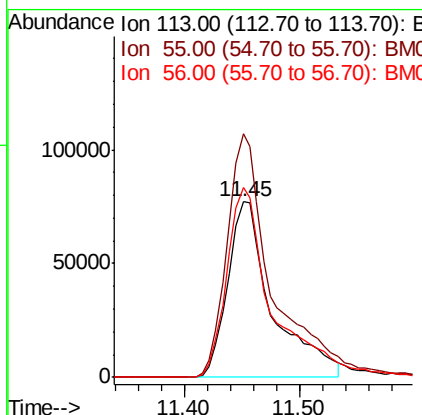




#35
Caprolactam
Concen: 41.658 ng
RT: 11.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

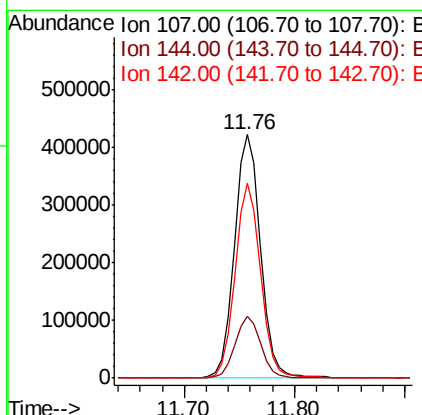
Instrument :
BNA_M
ClientSampleId :
ICVBM031119

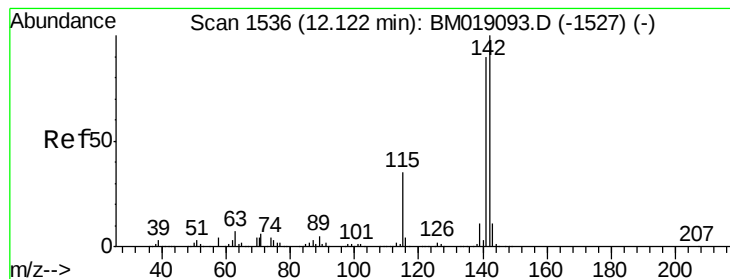
Tot Ion:113 Resp: 206651
Ion Ratio Lower Upper
113 100
55 139.0 120.1 160.1
56 108.1 90.1 130.1



#36
4-Chloro-3-methylphenol
Concen: 40.847 ng
RT: 11.76 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt Ion:107 Resp: 701853
Ion Ratio Lower Upper
107 100
144 25.5 20.2 30.4
142 80.0 62.4 93.6





#37

2-Methylnaphthalene

Concen: 39.990 ng

RT: 12.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

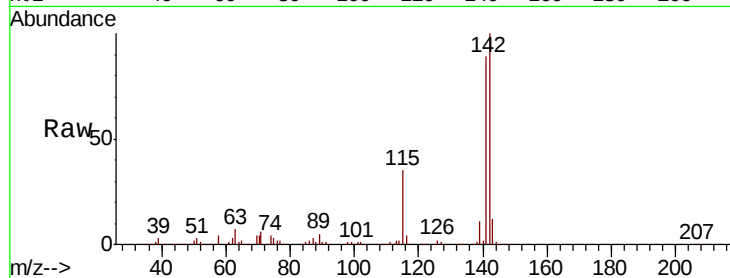
Tot Ion:142 Resp: 1420460

Ion Ratio Lower Upper

142 100

141 89.1 72.3 108.5

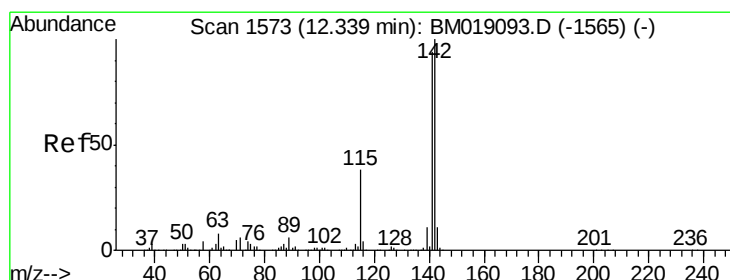
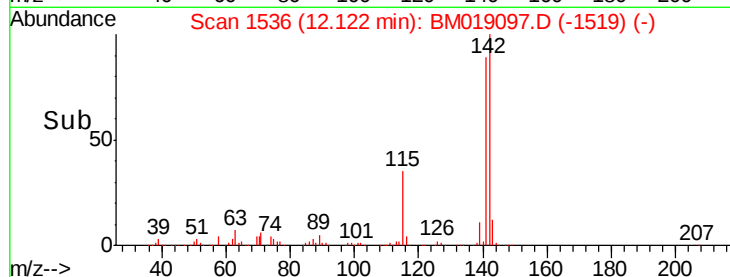
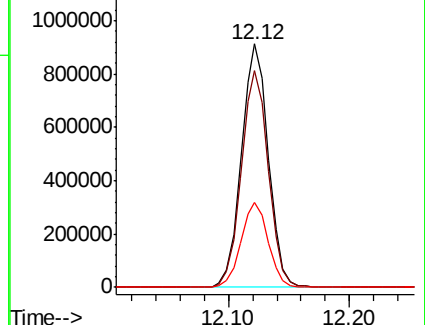
115 34.9 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.102 ng

RT: 12.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

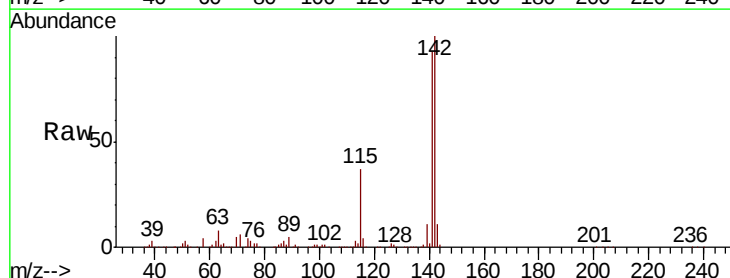
Tgt Ion:142 Resp: 1404011

Ion Ratio Lower Upper

142 100

141 93.1 74.9 112.3

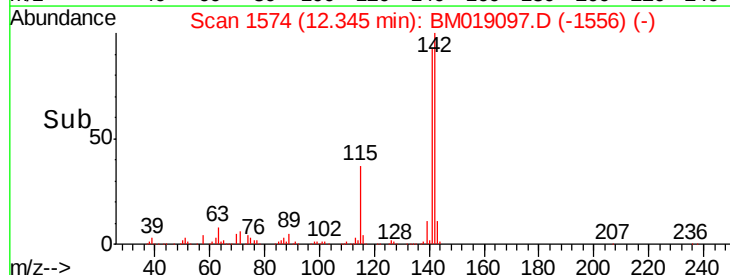
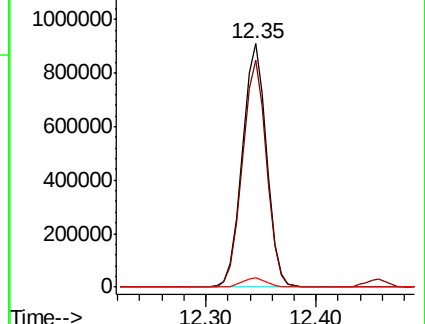
116 3.9 3.2 4.8

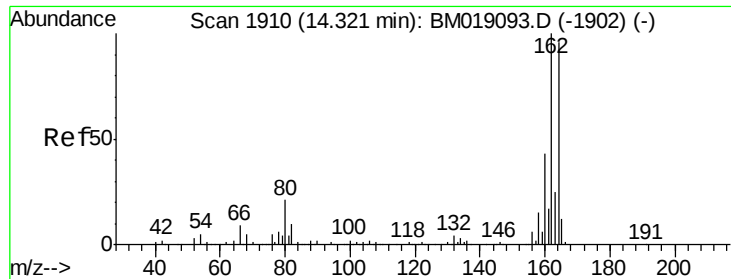


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

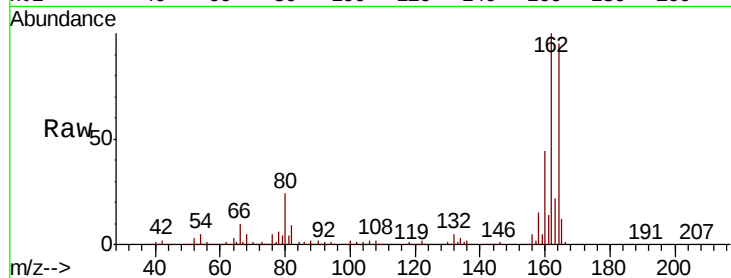
Tot Ion:164 Resp: 547836

Ion Ratio Lower Upper

164 100

162 105.1 83.5 125.3

160 46.6 36.3 54.5

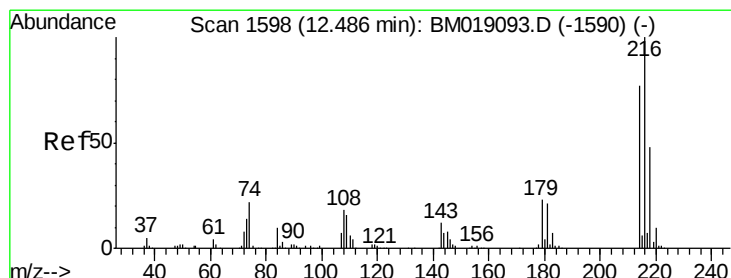
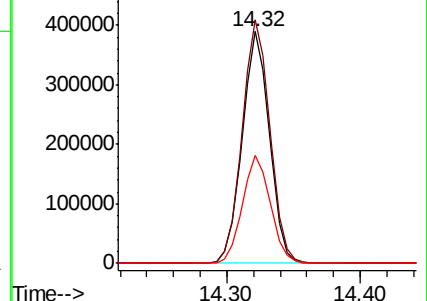
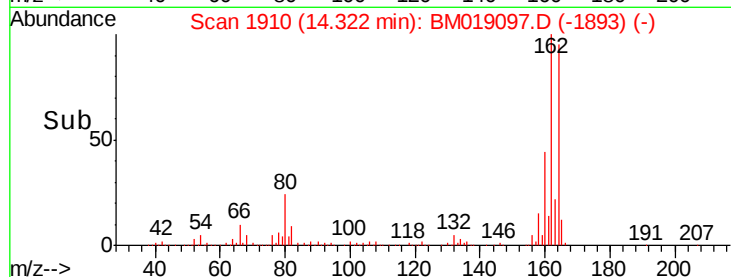


Abundance

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: 40.593 ng

RT: 12.49 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Tgt Ion:216 Resp: 703458

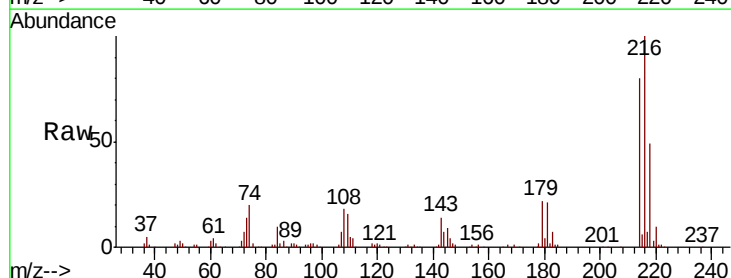
Ion Ratio Lower Upper

216 100

214 79.0 62.9 94.3

179 22.4 18.0 27.0

108 19.8 16.2 24.4



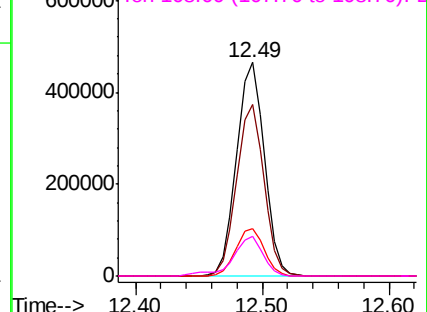
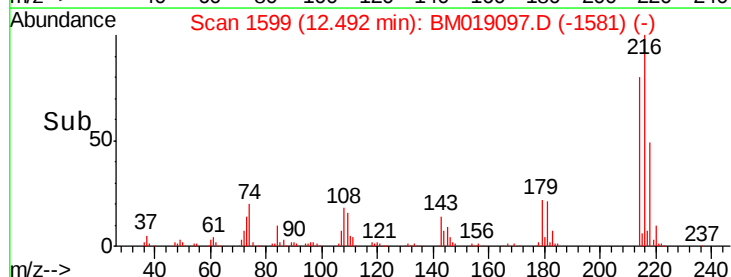
Abundance

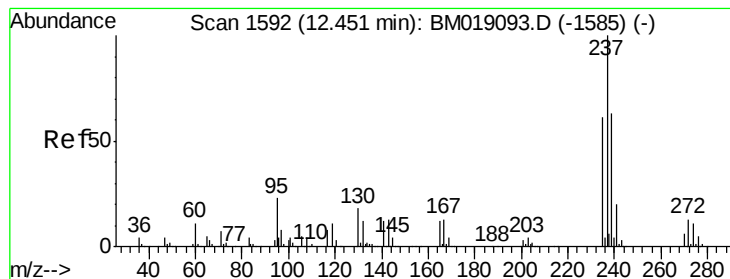
Ion 216.00 (215.70 to 216.70): E

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: 41.546 ng

RT: 12.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

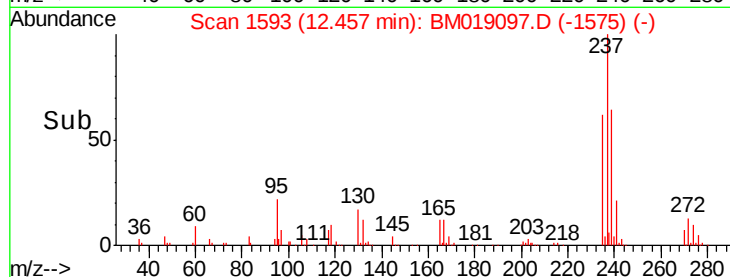
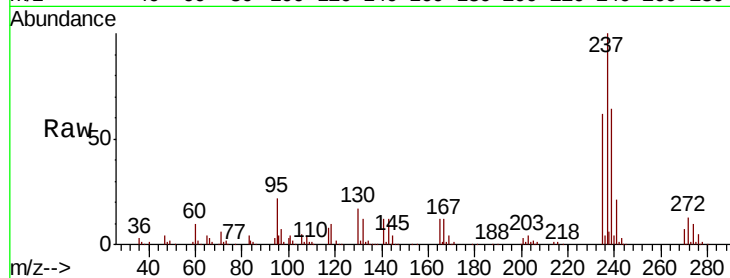
Tot Ion:237 Resp: 326118

Ion Ratio Lower Upper

237 100

235 61.6 41.3 81.3

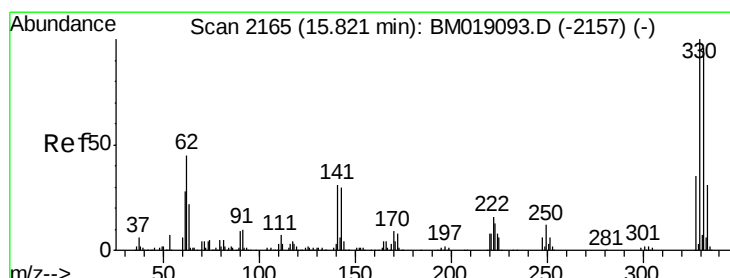
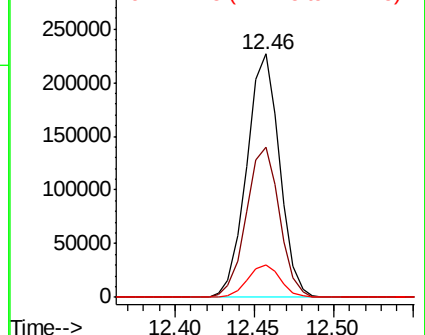
272 13.4 0.0 33.1



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: 84.262 ng

RT: 15.82 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

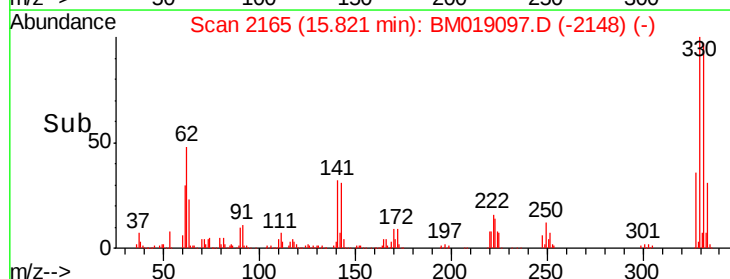
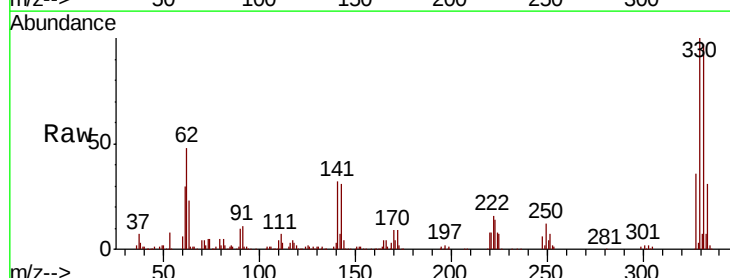
Tgt Ion:330 Resp: 681560

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

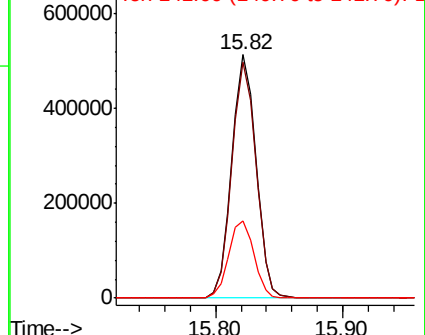
141 33.1 27.0 40.4



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

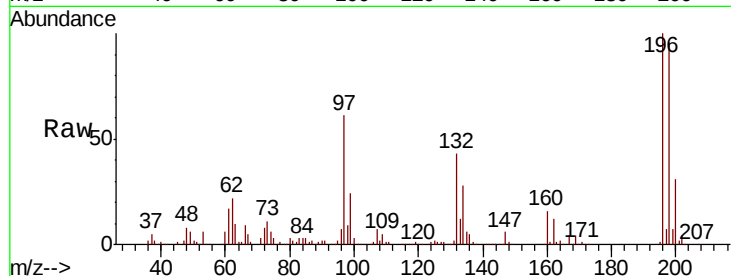




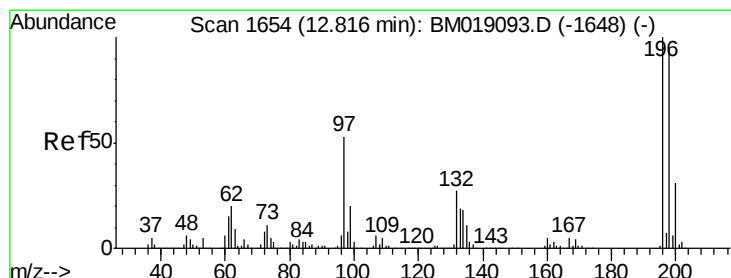
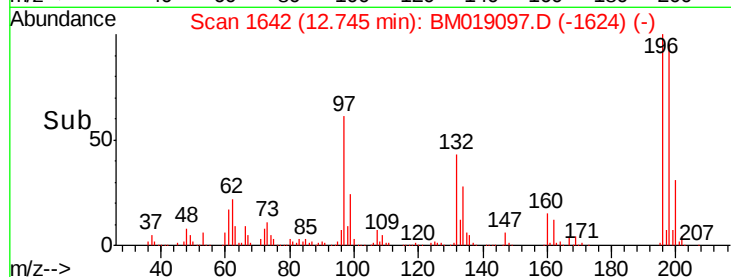
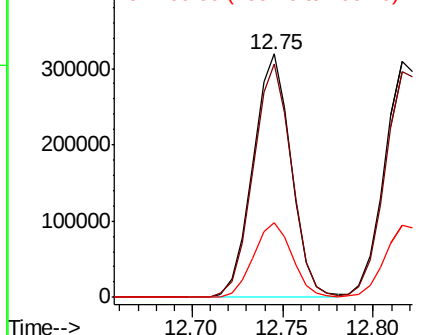
#43
 2,4,6-Trichlorophenol
 Concen: 41.686 ng
 RT: 12.75 min Scan# 1642
 Delta R.T. 0.01 min
 Lab File: BM019097.D
 Acq: 11 Mar 2019 17:28

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031119

Tot Ion:196 Resp: 466848
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.4 113.0
 200 30.5 24.2 36.2



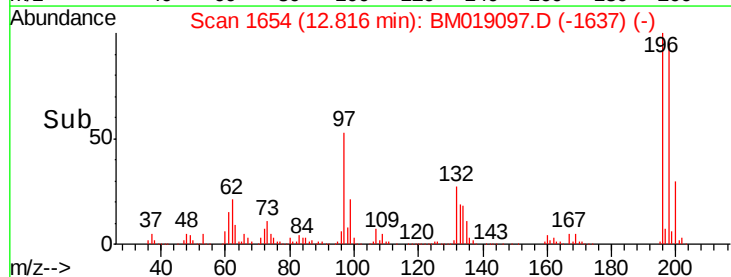
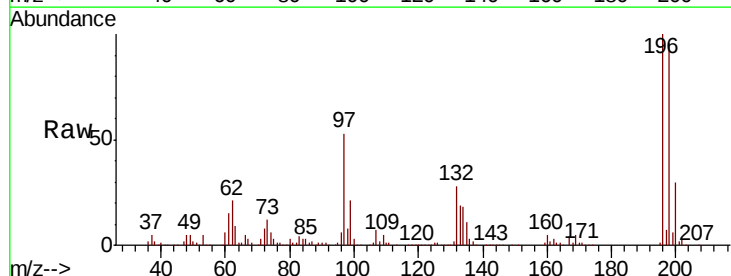
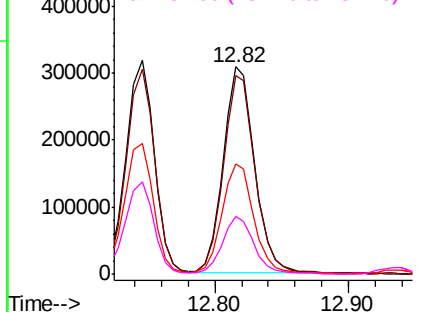
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

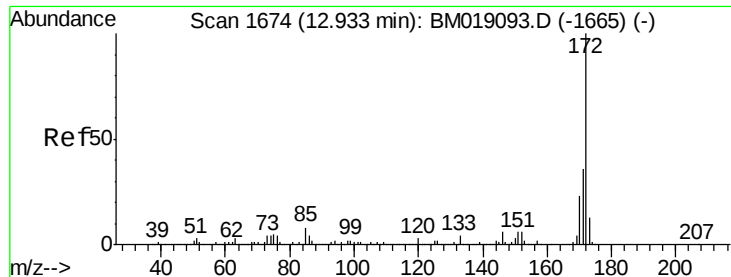


#44
 2,4,5-Trichlorophenol
 Concen: 42.633 ng
 RT: 12.82 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BM019097.D
 Acq: 11 Mar 2019 17:28

Tgt Ion:196 Resp: 510548
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.9 113.9
 97 53.4 42.5 63.7
 132 27.8 21.9 32.9

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

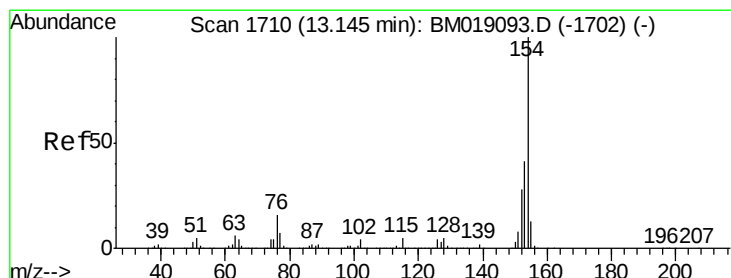
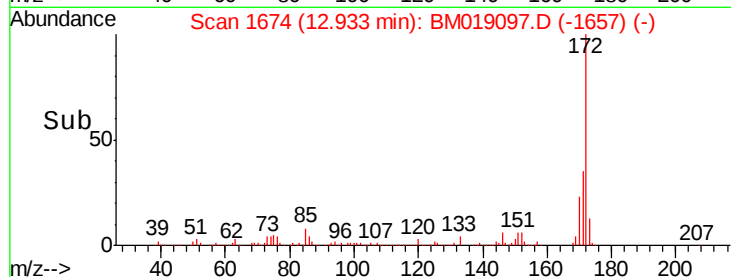
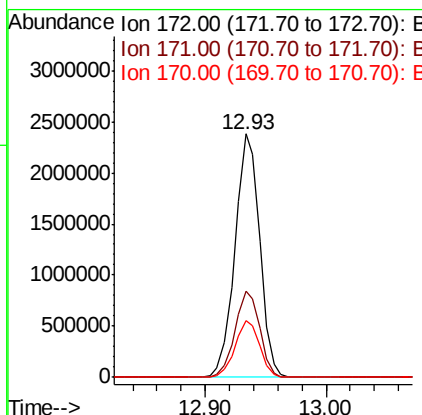
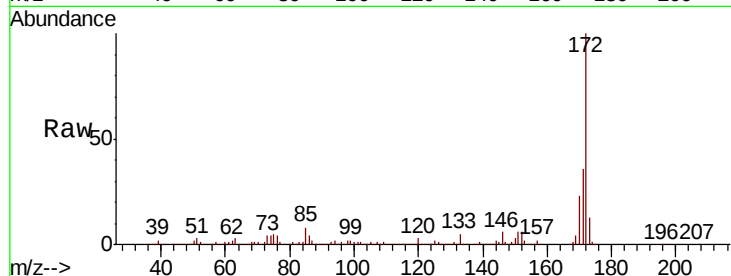




#45
2-Fluorobiphenyl
Concen: 80.548 ng
RT: 12.93 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

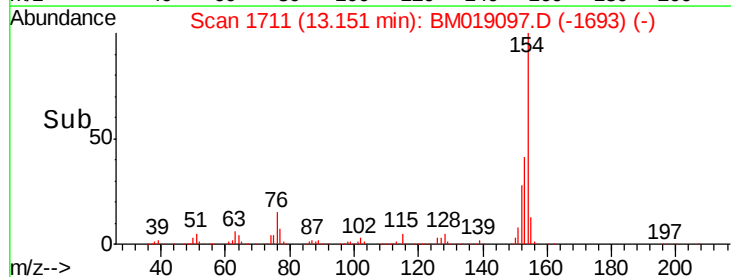
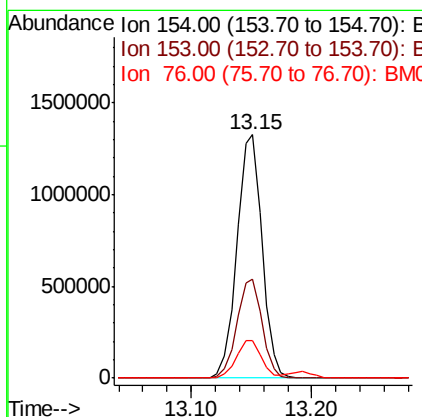
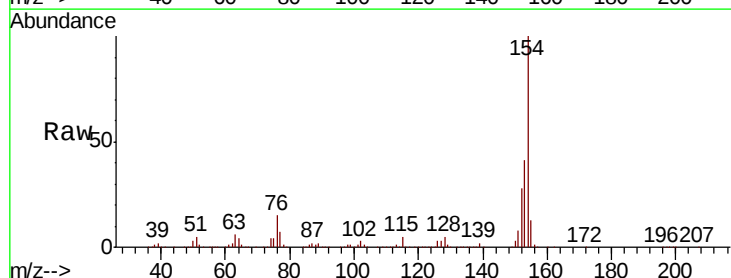
Instrument :
BNA_M
ClientSampleId :
ICVBM031119

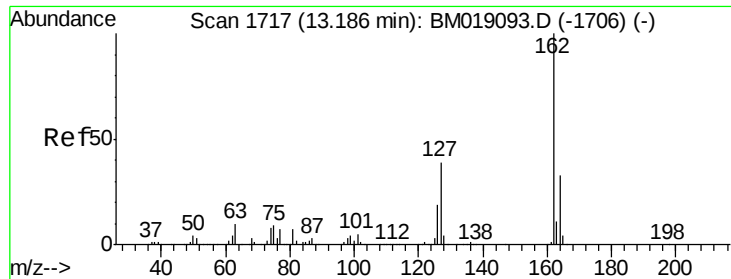
Tot Ion:172 Resp: 3392390
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 40.171 ng
RT: 13.15 min Scan# 1711
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt Ion:154 Resp: 1921889
Ion Ratio Lower Upper
154 100
153 40.9 21.5 61.5
76 15.3 0.0 35.8

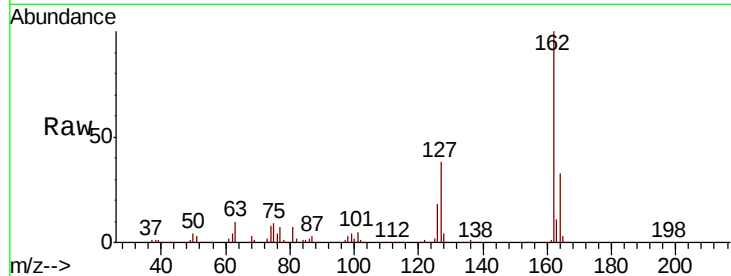




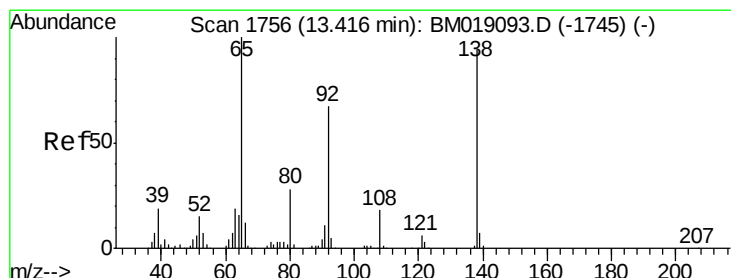
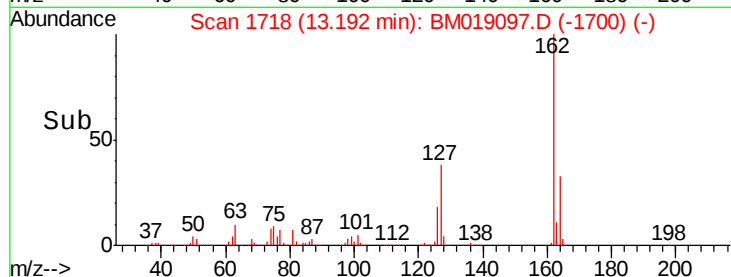
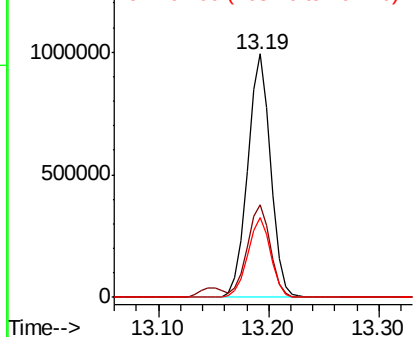
#47
2-Chloronaphthalene
Concen: 40.523 ng
RT: 13.19 min Scan# 1718
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Instrument :
BNA_M
ClientSampleId :
ICVBM031119

Tot Ion:162 Resp: 1447147
Ion Ratio Lower Upper
162 100
127 38.2 31.2 46.8
164 32.6 26.3 39.5

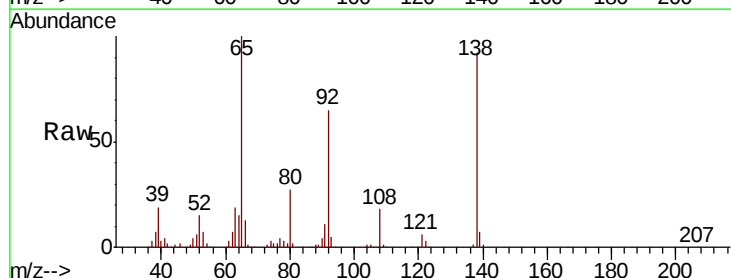


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

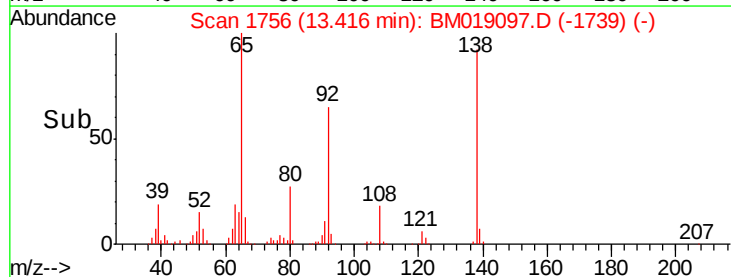
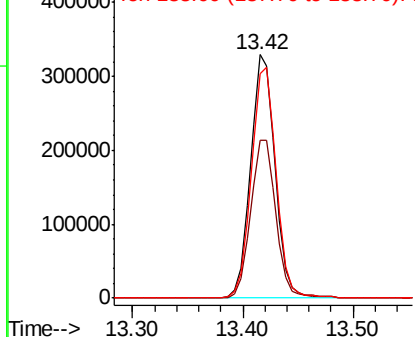


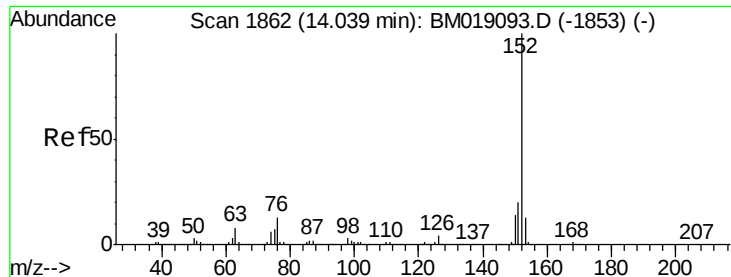
#48
2-Nitroaniline
Concen: 42.954 ng
RT: 13.42 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt Ion: 65 Resp: 514452
Ion Ratio Lower Upper
65 100
92 64.8 53.4 80.2
138 92.0 74.9 112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.791 ng

RT: 14.05 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

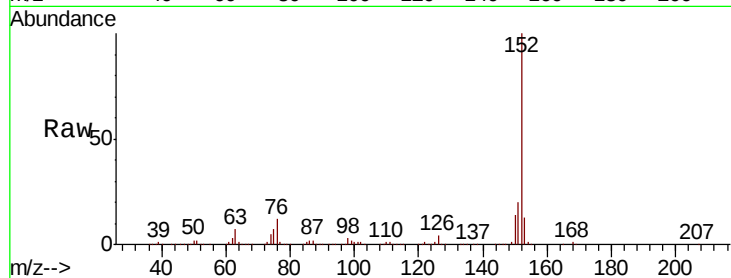
Tot Ion:152 Resp: 2463083

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

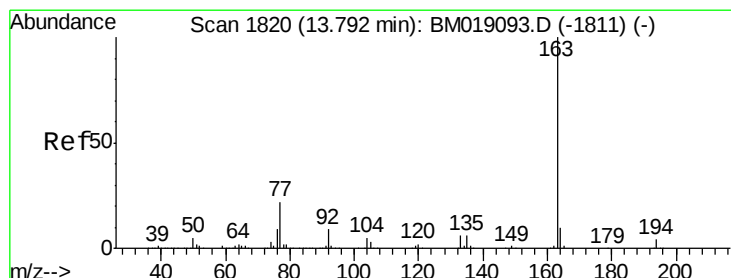
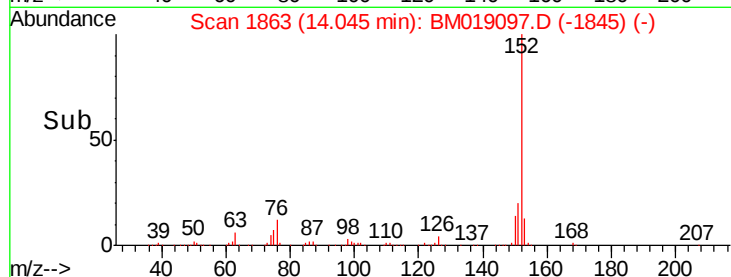
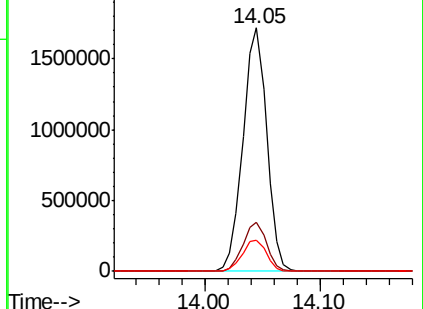
153 13.0 10.6 15.8



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: 40.753 ng

RT: 13.79 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

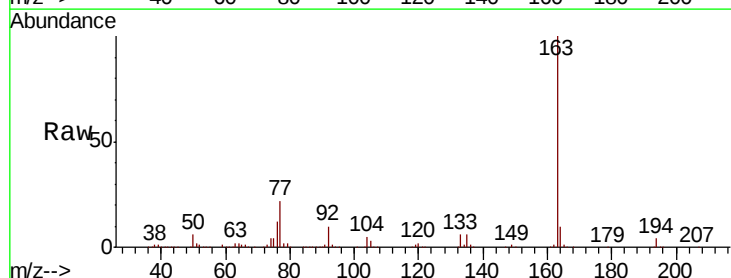
Tgt Ion:163 Resp: 1909903

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

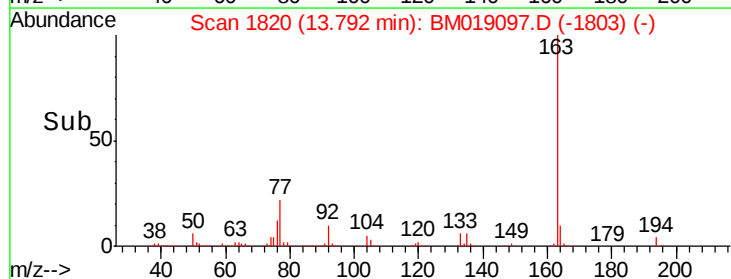
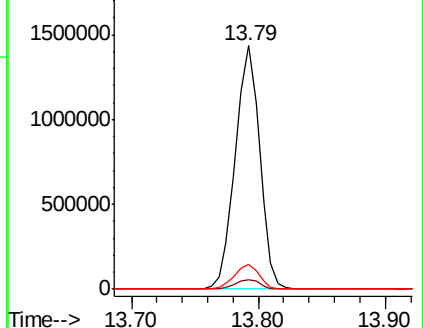
164 10.0 7.7 11.5

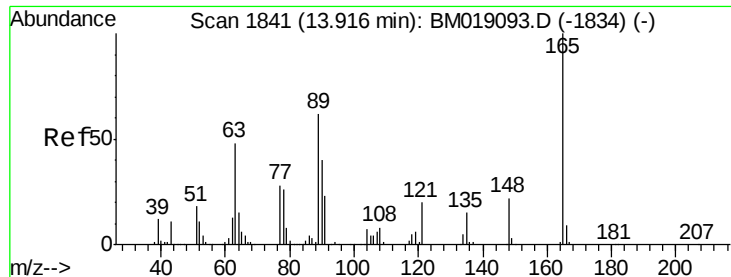


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

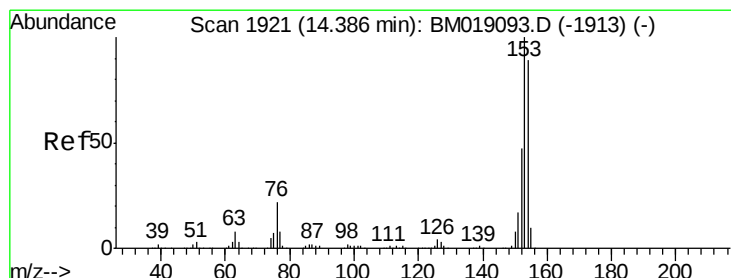
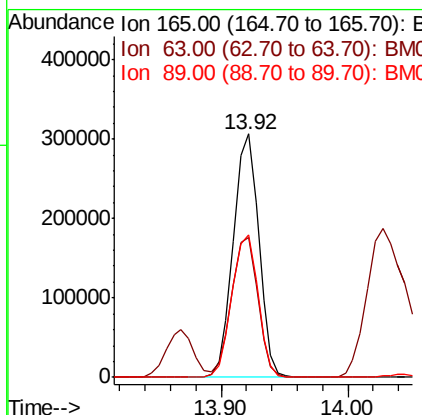
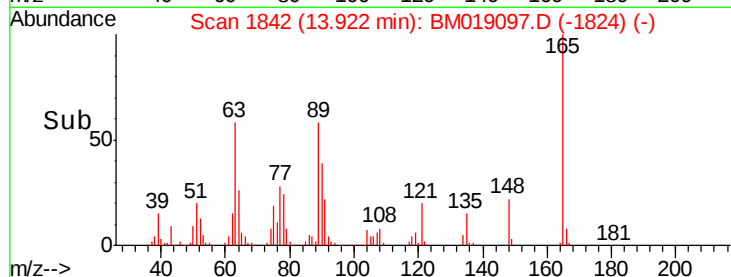
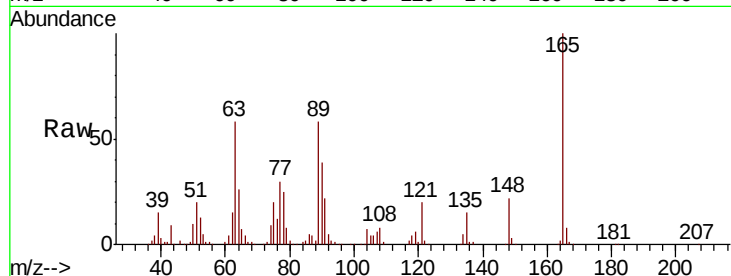




#51
2,6-Dinitrotoluene
Concen: 42.057 ng
RT: 13.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

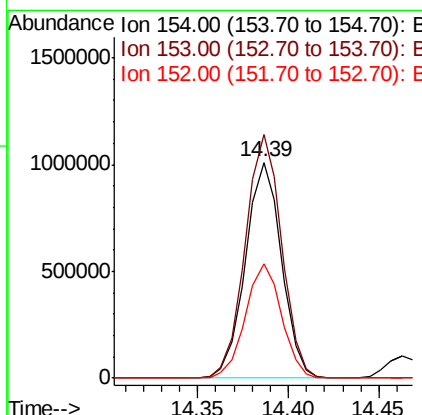
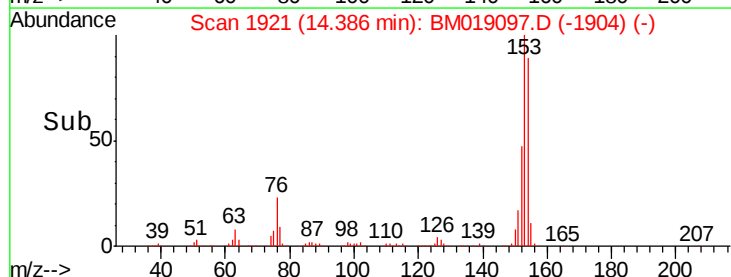
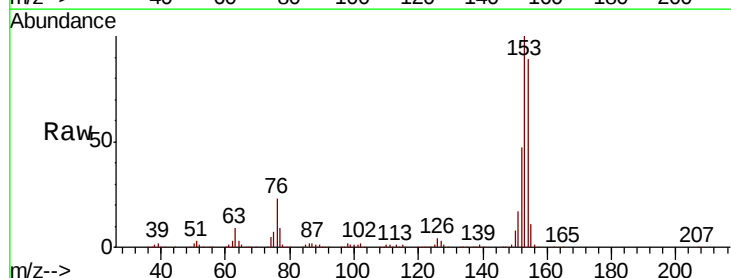
Instrument :
BNA_M
ClientSampleId :
ICVBM031119

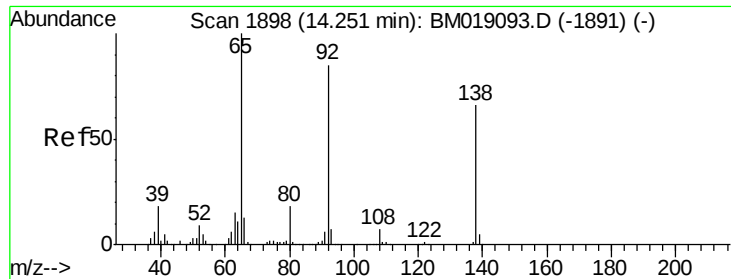
Tot Ion:165 Resp: 426070
Ion Ratio Lower Upper
165 100
63 57.7 48.2 72.4
89 58.3 49.3 73.9



#52
Acenaphthene
Concen: 40.273 ng
RT: 14.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt Ion:154 Resp: 1397333
Ion Ratio Lower Upper
154 100
153 112.9 90.1 135.1
152 52.8 42.5 63.7





#53

3-Nitroaniline

Concen: 40.865 ng

RT: 14.26 min Scan# 1899

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

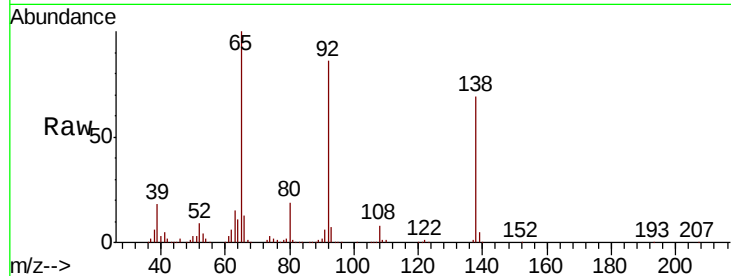
Tot Ion:138 Resp: 438471

Ion Ratio Lower Upper

138 100

108 11.0 9.0 13.4

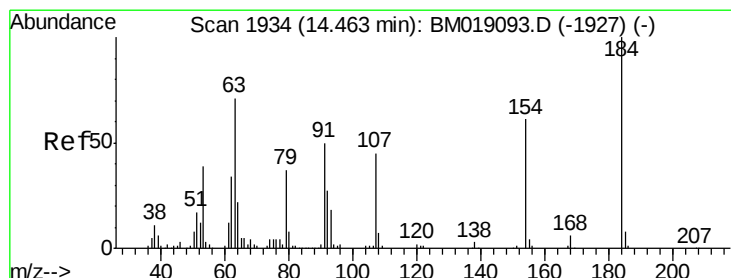
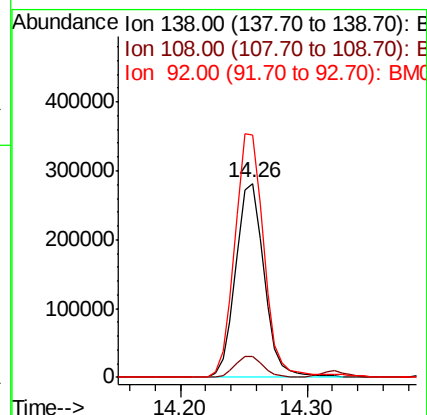
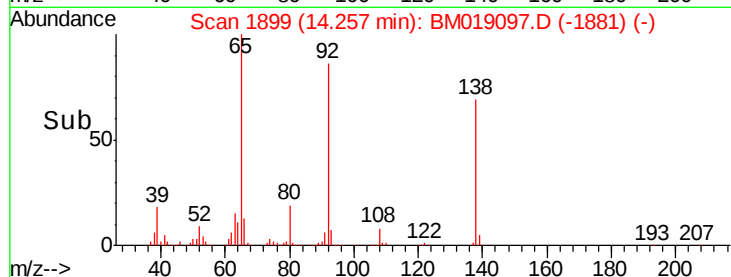
92 125.3 102.6 153.8



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): BM



#54

2,4-Dinitrophenol

Concen: 42.554 ng

RT: 14.46 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

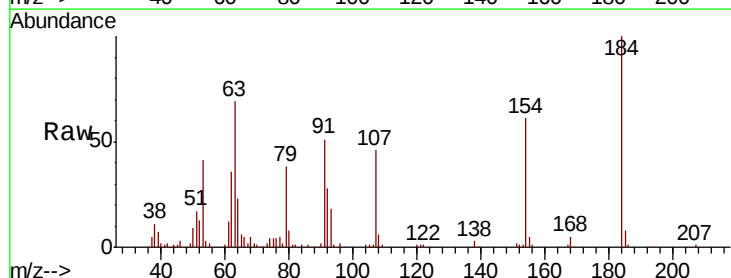
Tgt Ion:184 Resp: 250365

Ion Ratio Lower Upper

184 100

63 68.9 56.7 85.1

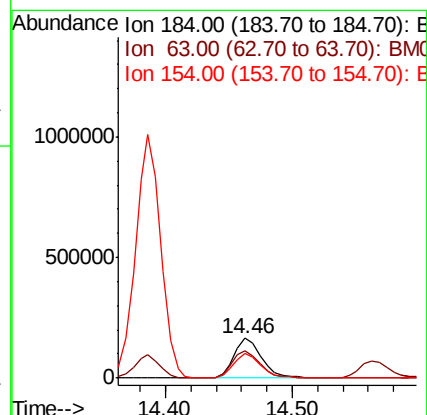
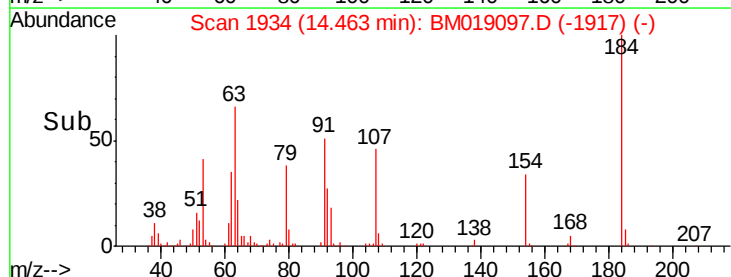
154 60.9 49.3 73.9

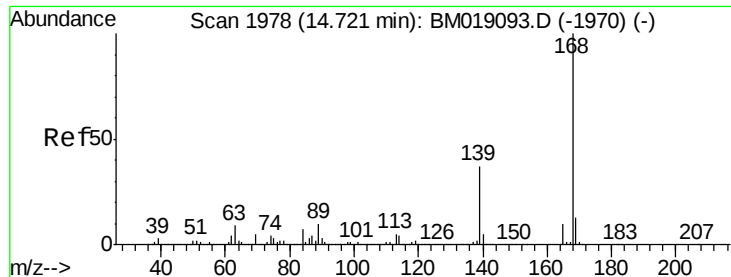


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

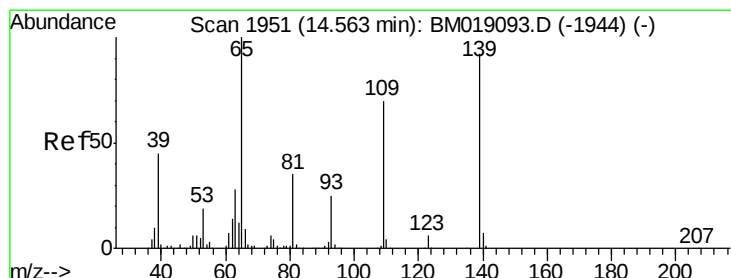
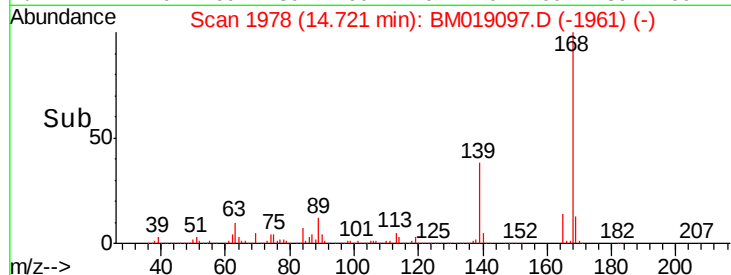
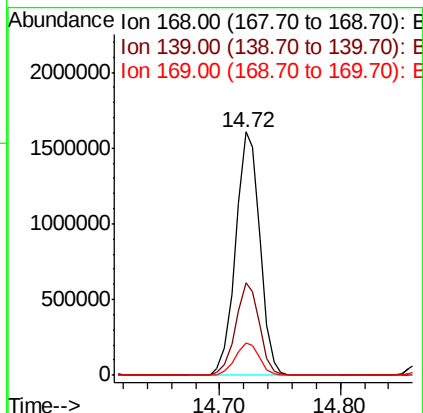
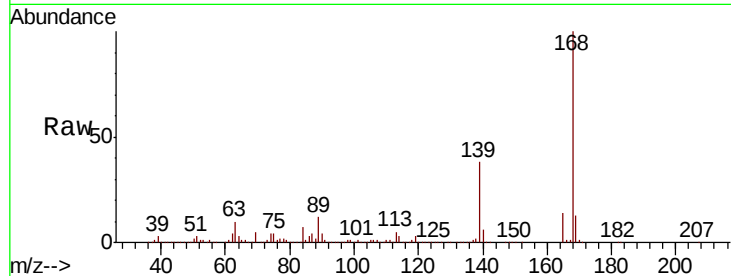




#55
Dibenzenofuran
Concen: 40.210 ng
RT: 14.72 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

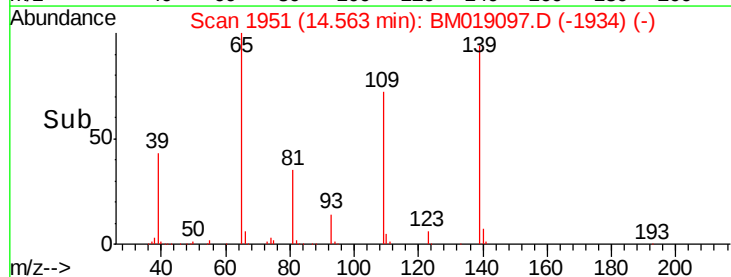
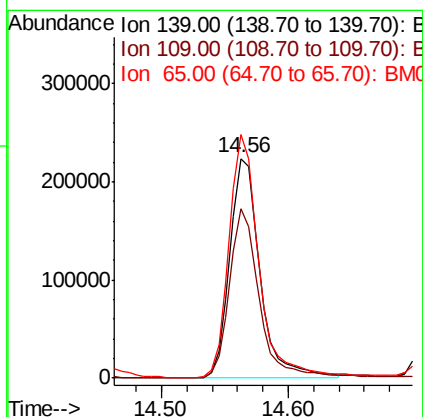
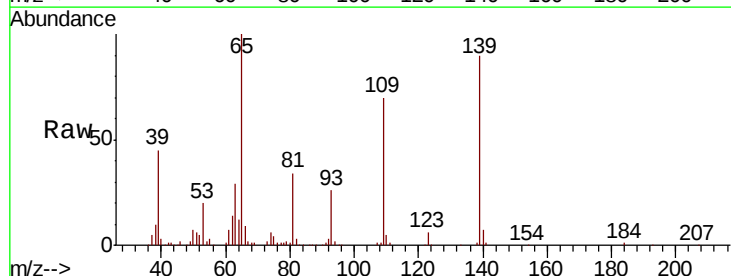
Instrument :
BNA_M
ClientSampleId :
ICVBM031119

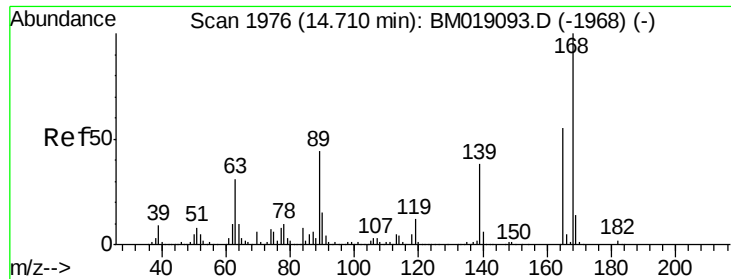
Tot Ion:168 Resp: 2249932
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 42.334 ng
RT: 14.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt Ion:139 Resp: 370872
Ion Ratio Lower Upper
139 100
109 77.3 56.3 96.3
65 110.7 89.2 129.2

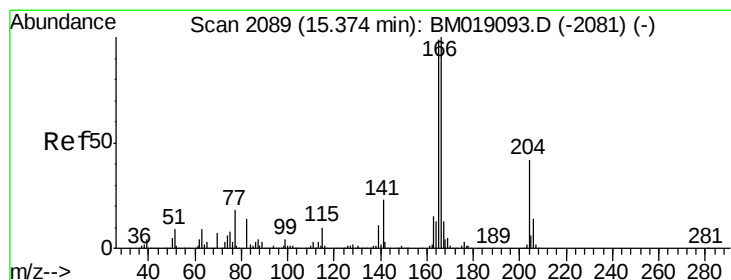
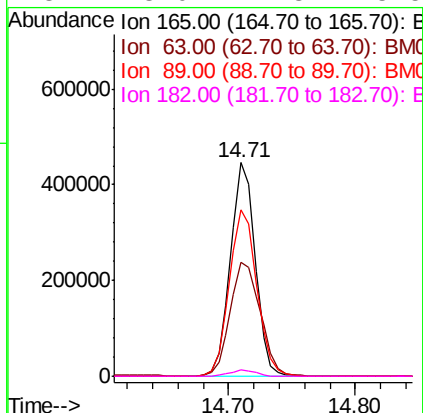
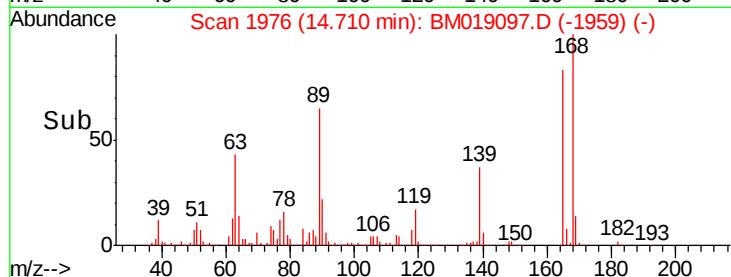
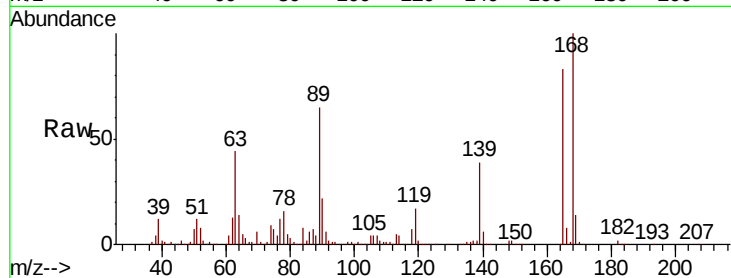




#57
2,4-Dinitrotoluene
Concen: 40.980 ng
RT: 14.71 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

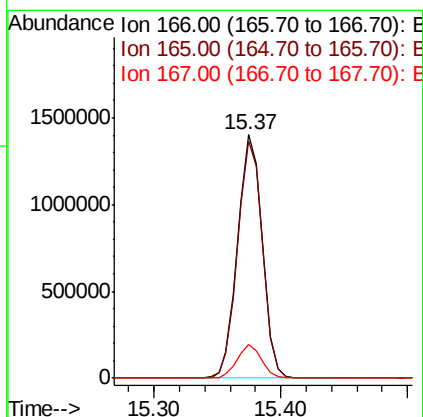
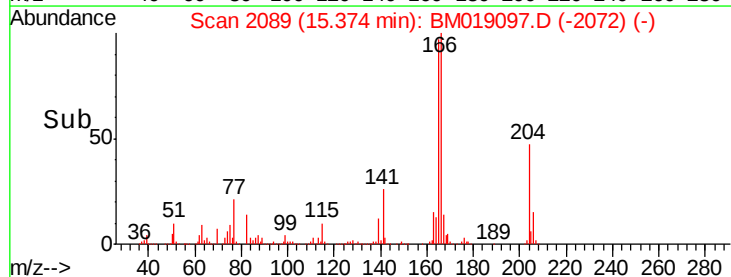
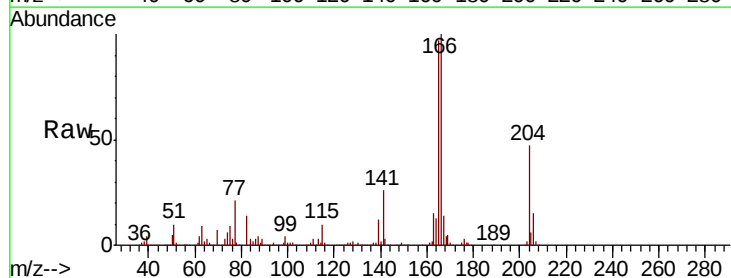
Instrument :
BNA_M
ClientSampleId :
ICVBM031119

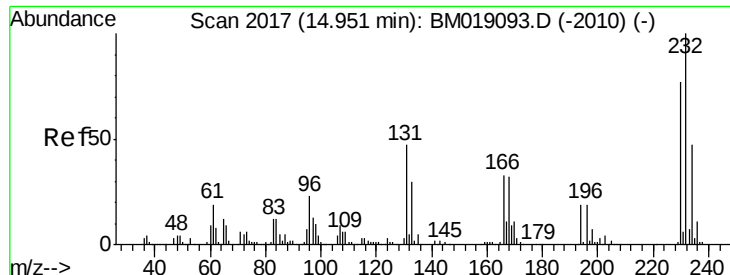
Tot Ion:165 Resp: 602638
Ion Ratio Lower Upper
165 100
63 53.2 44.7 67.1
89 78.2 63.4 95.2
182 3.0 2.3 3.5



#58
Fluorene
Concen: 40.687 ng
RT: 15.37 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt Ion:166 Resp: 1876584
Ion Ratio Lower Upper
166 100
165 97.4 79.0 118.4
167 13.6 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.357 ng

RT: 14.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

Tot Ion:232 Resp: 461073

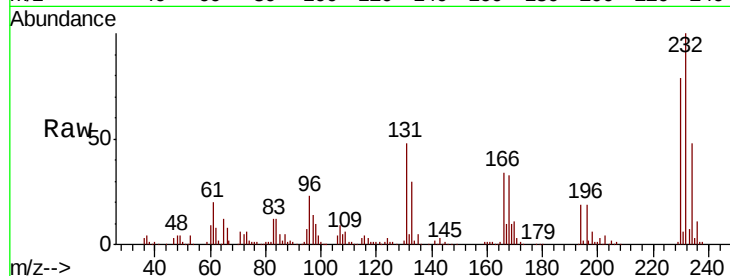
Ion Ratio Lower Upper

232 100

131 47.8 38.2 57.2

130 2.5 1.9 2.9

166 34.2 27.0 40.4

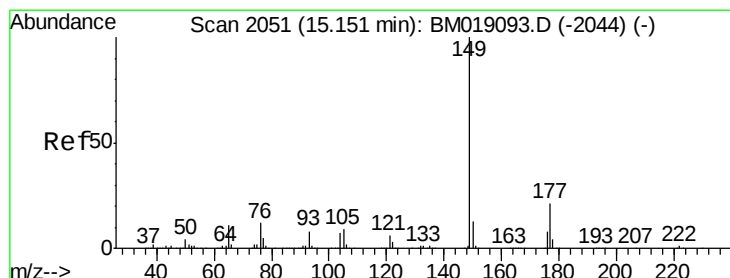
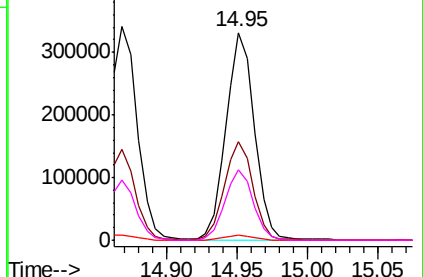
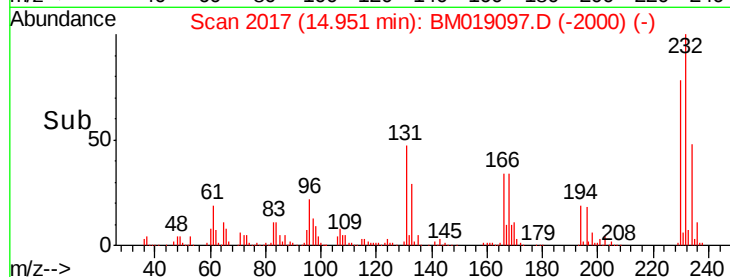


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.939 ng

RT: 15.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

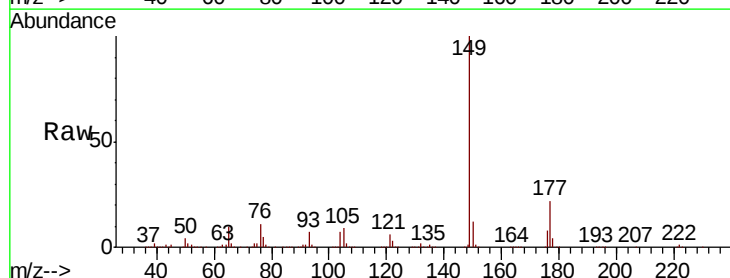
Tgt Ion:149 Resp: 1943131

Ion Ratio Lower Upper

149 100

177 21.9 17.0 25.6

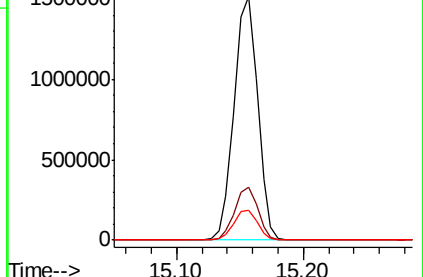
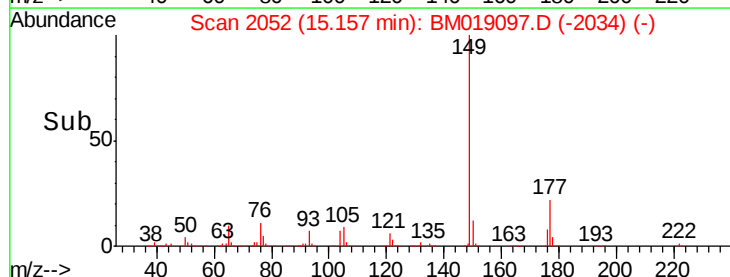
150 12.3 10.2 15.4

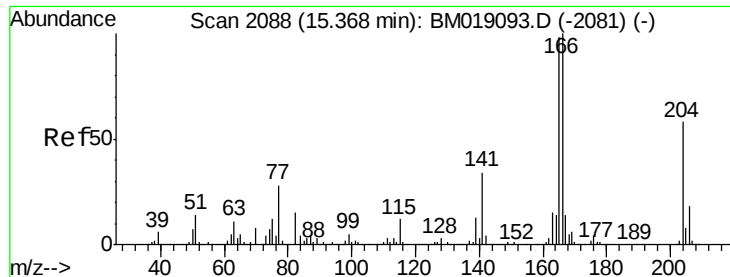


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

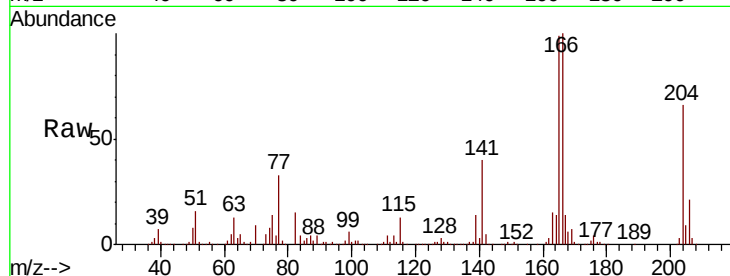




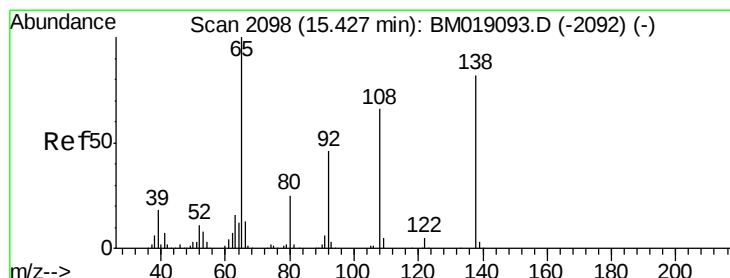
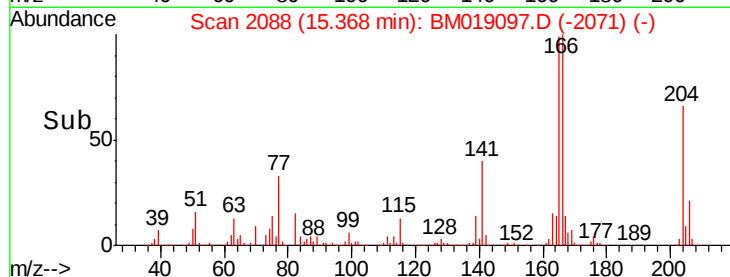
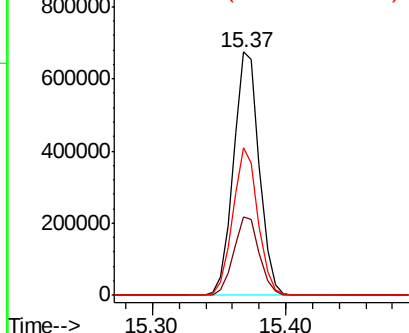
#61
4-Chlorophenyl-phenylether
Concen: 40.409 ng
RT: 15.37 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Instrument :
BNA_M
ClientSampleId :
ICVBM031119

Tot Ion:204 Resp: 905193
Ion Ratio Lower Upper
204 100
206 32.0 25.5 38.3
141 60.6 47.8 71.8

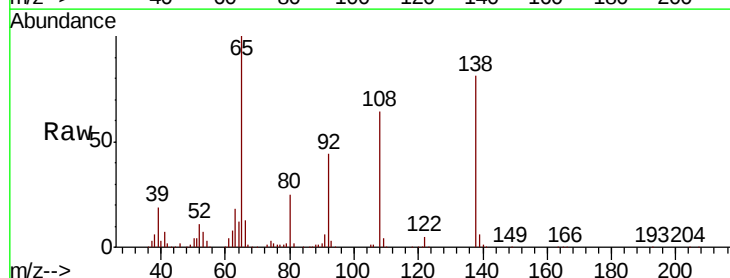


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

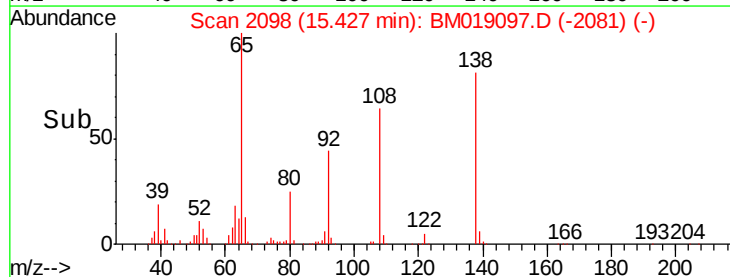
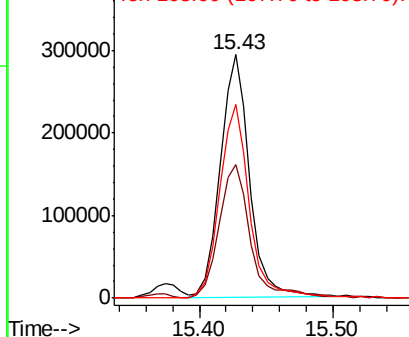


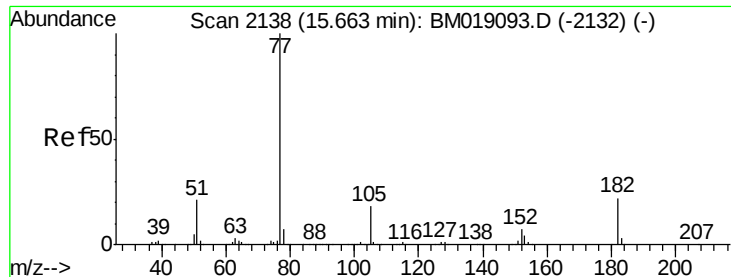
#62
4-Nitroaniline
Concen: 41.632 ng
RT: 15.43 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt Ion:138 Resp: 450177
Ion Ratio Lower Upper
138 100
92 54.9 36.2 76.2
108 79.6 59.7 99.7



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

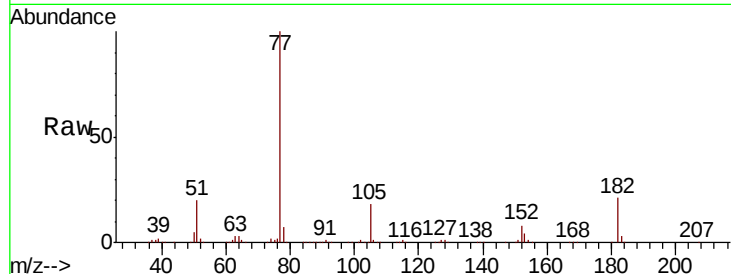




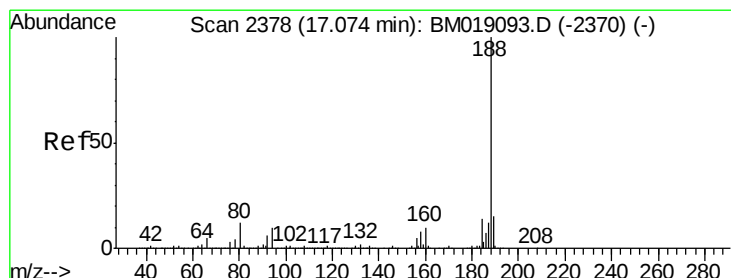
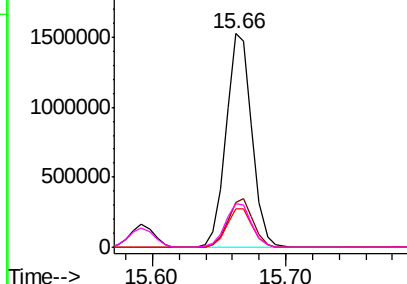
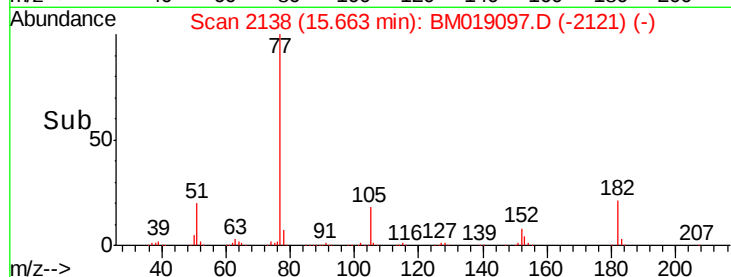
#63
Azobenzene
Concen: 41.223 ng
RT: 15.66 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Instrument :
BNA_M
ClientSampleId :
ICVBM031119

Tot Ion: 77 Resp: 2058918
Ion Ratio Lower Upper
77 100
182 21.1 1.8 41.8
105 17.9 0.0 38.3
51 20.5 0.8 40.8

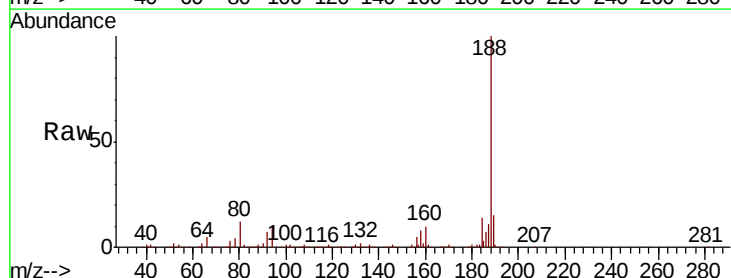


Abundance Ion 77.00 (76.70 to 77.70): BM019097.D (-2132) (-)
Ion 182.00 (181.70 to 182.70): BM019097.D (-2132) (-)
Ion 105.00 (104.70 to 105.70): BM019097.D (-2132) (-)
Ion 51.00 (50.70 to 51.70): BM019097.D (-2132) (-)

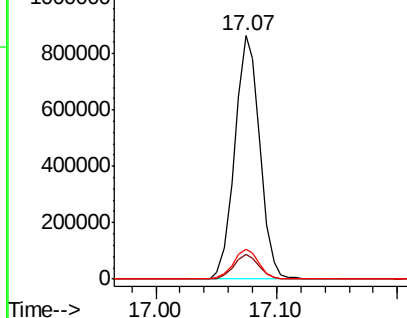
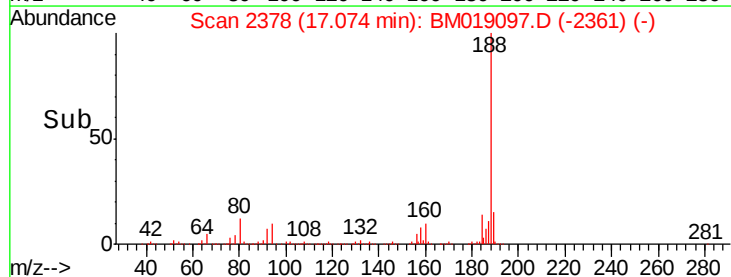


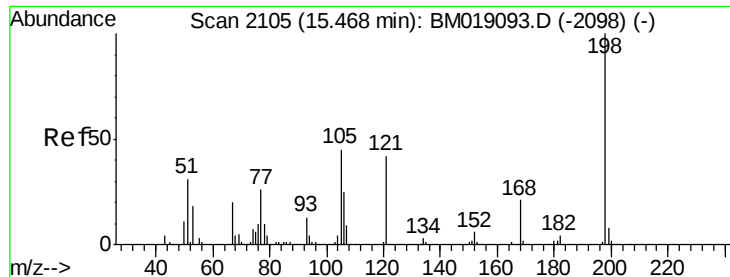
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt Ion: 188 Resp: 1245534
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 12.3 9.7 14.5



Abundance Ion 188.00 (187.70 to 188.70): BM019097.D (-2370) (-)
Ion 94.00 (93.70 to 94.70): BM019097.D (-2370) (-)
Ion 80.00 (79.70 to 80.70): BM019097.D (-2370) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 40.883 ng

RT: 15.47 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

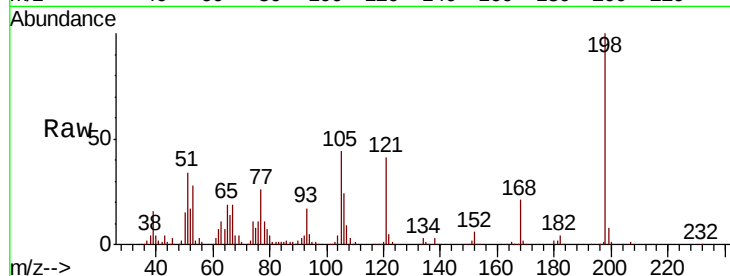
Tot Ion:198 Resp: 333682

Ion Ratio Lower Upper

198 100

51 34.4 17.3 57.3

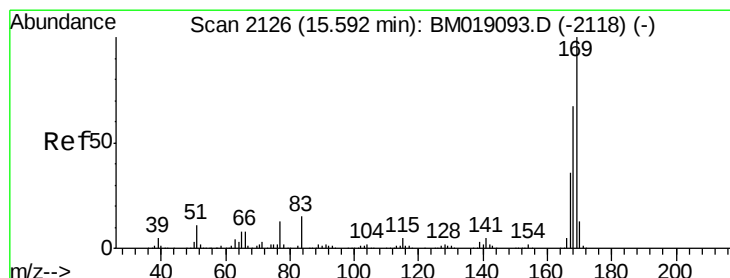
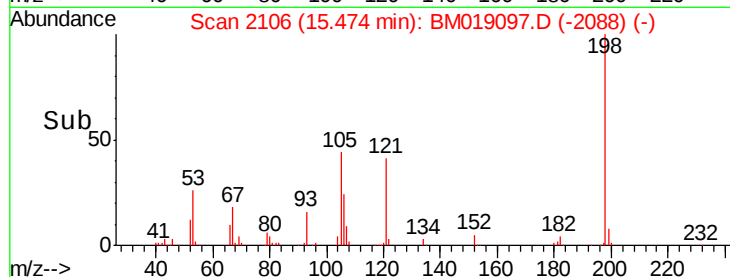
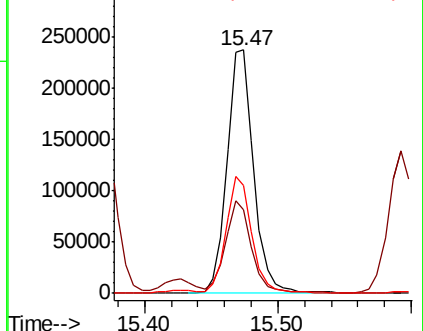
105 44.4 26.2 66.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.064 ng

RT: 15.59 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

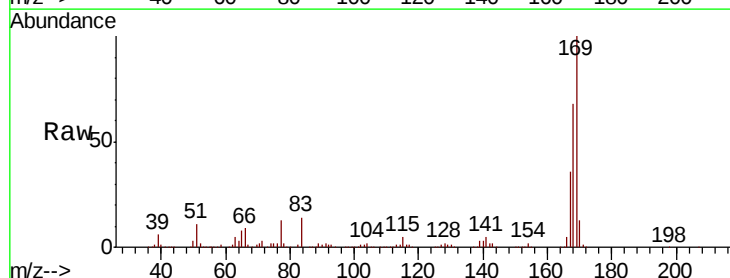
Tgt Ion:169 Resp: 1588687

Ion Ratio Lower Upper

169 100

168 68.2 53.9 80.9

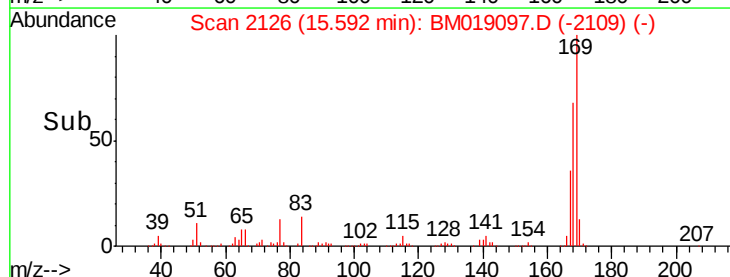
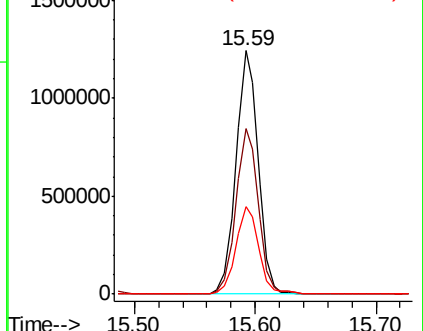
167 36.0 28.8 43.2

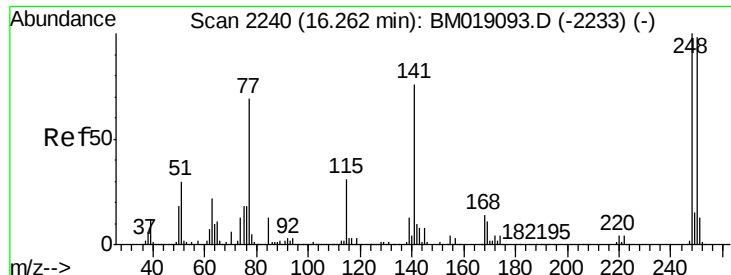


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

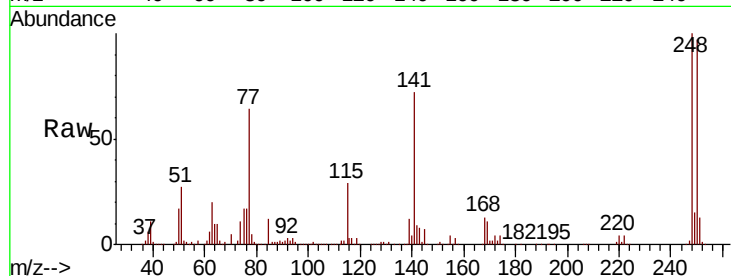




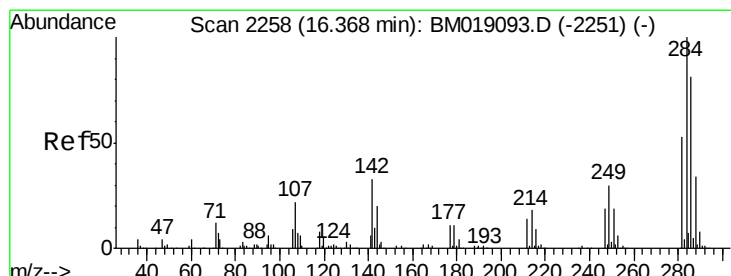
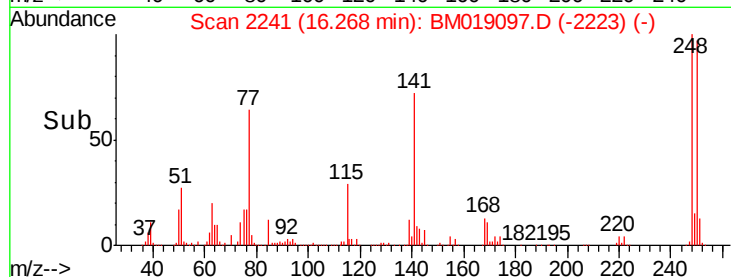
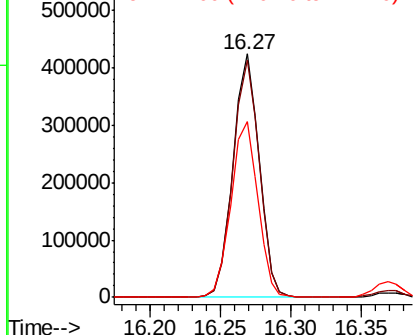
#67
 4-Bromophenyl-phenylether
 Concen: 40.150 ng
 RT: 16.27 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: BM019097.D
 Acq: 11 Mar 2019 17:28

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM031119

Tot Ion:248 Resp: 551470
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.0 117.0
 141 72.1 61.0 91.4

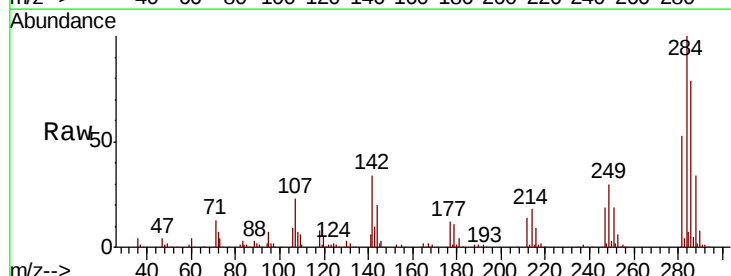


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

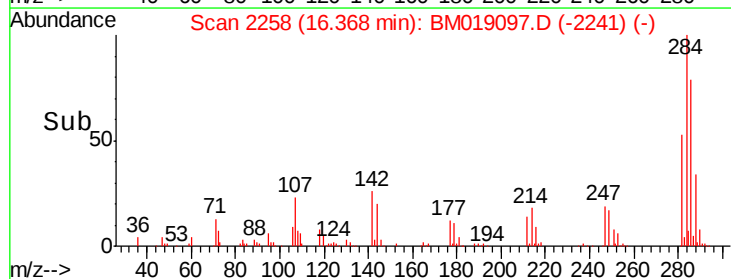
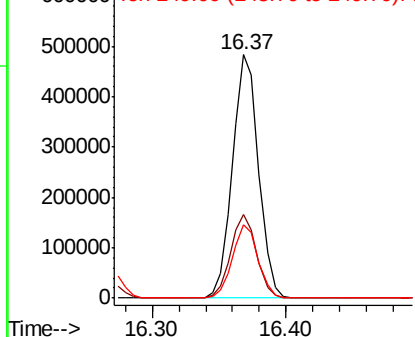


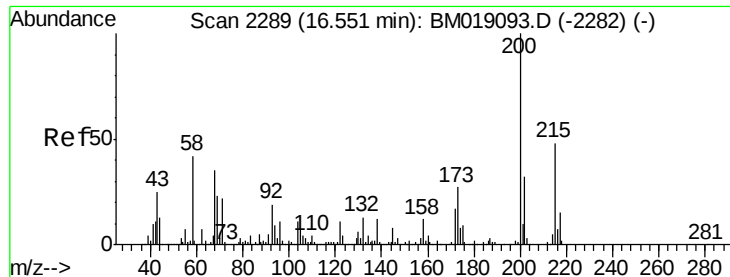
#68
 Hexachlorobenzene
 Concen: 40.258 ng
 RT: 16.37 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BM019097.D
 Acq: 11 Mar 2019 17:28

Tgt Ion:284 Resp: 657396
 Ion Ratio Lower Upper
 284 100
 142 34.3 26.3 39.5
 249 29.9 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.425 ng

RT: 16.55 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

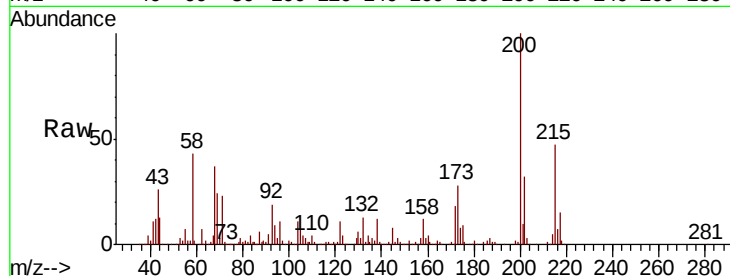
Tot Ion:200 Resp: 552960

Ion Ratio Lower Upper

200 100

173 27.7 7.0 47.0

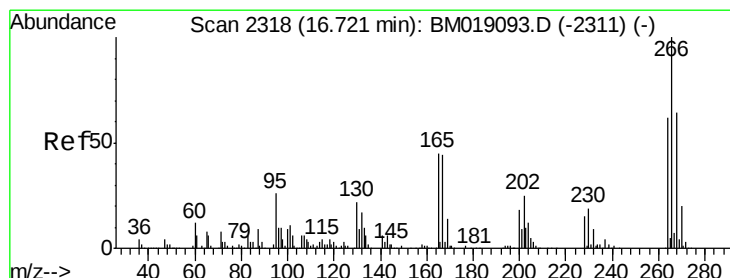
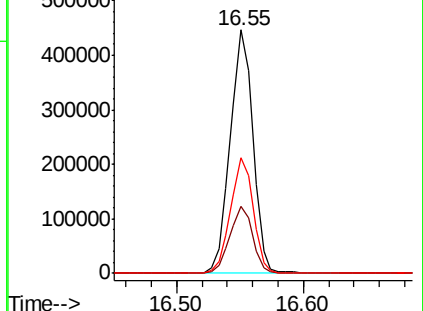
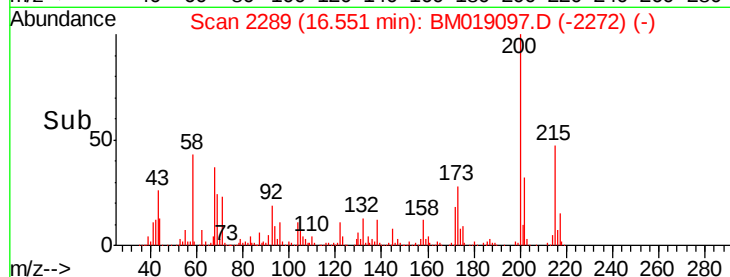
215 47.3 27.7 67.7



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: 40.477 ng

RT: 16.72 min Scan# 2318

Delta R.T. 0.00 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

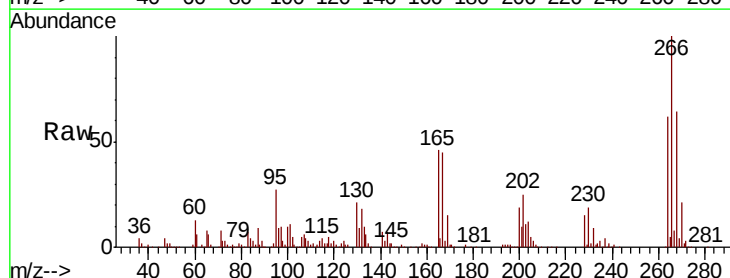
Tgt Ion:266 Resp: 398223

Ion Ratio Lower Upper

266 100

268 64.2 51.3 76.9

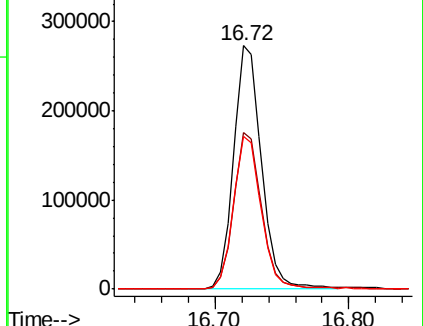
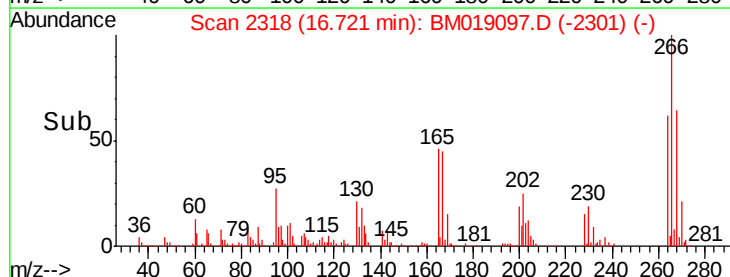
264 62.5 50.0 75.0

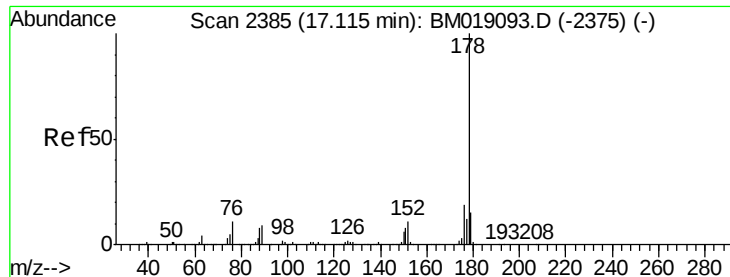


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

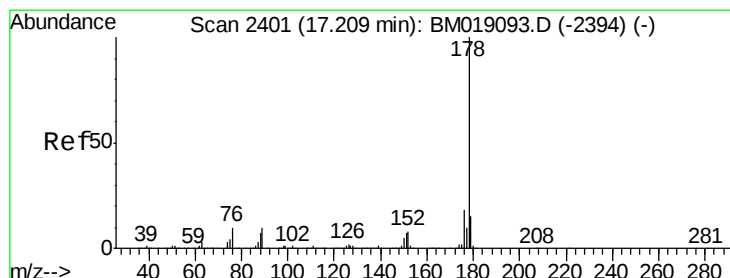
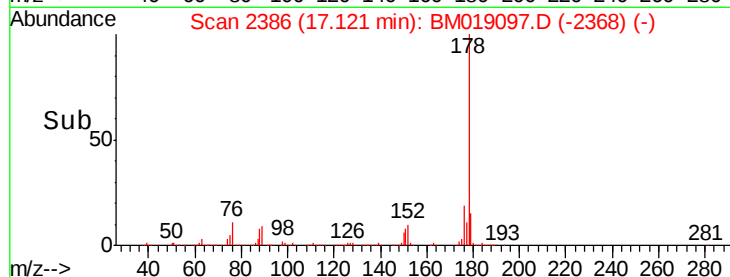
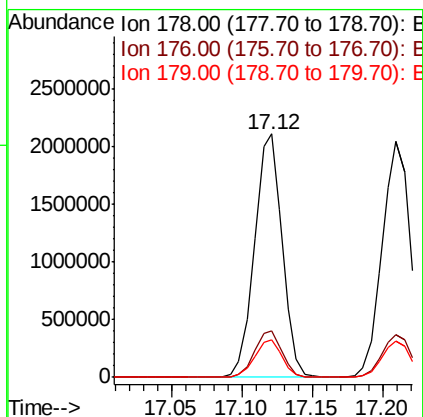
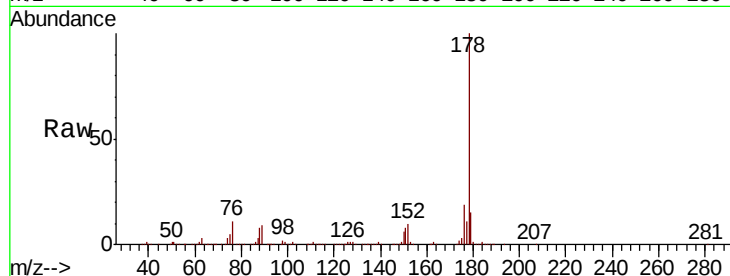




#71
Phenanthrene
Concen: 39.894 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

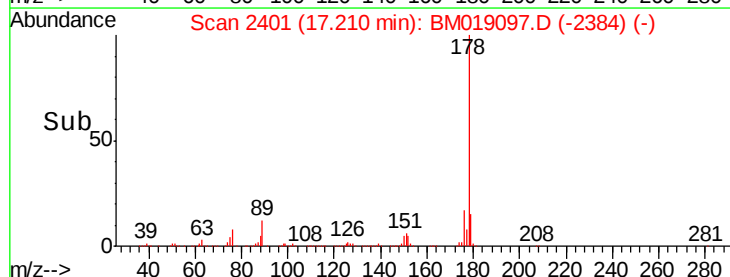
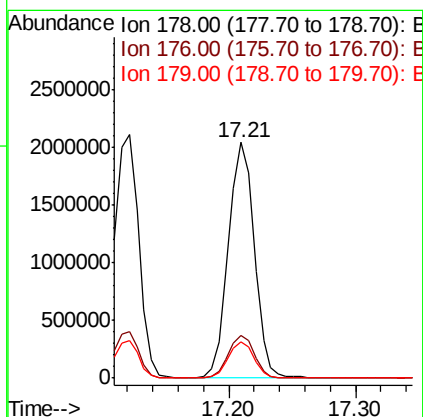
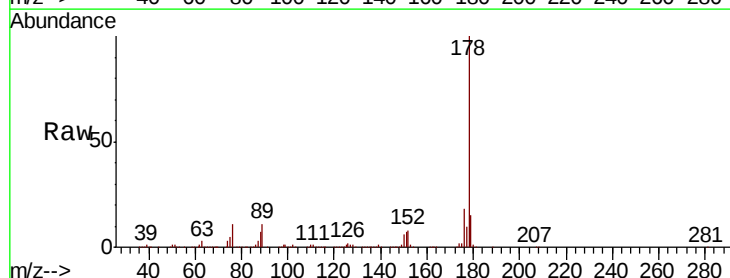
Instrument :
BNA_M
ClientSampleId :
ICVBM031119

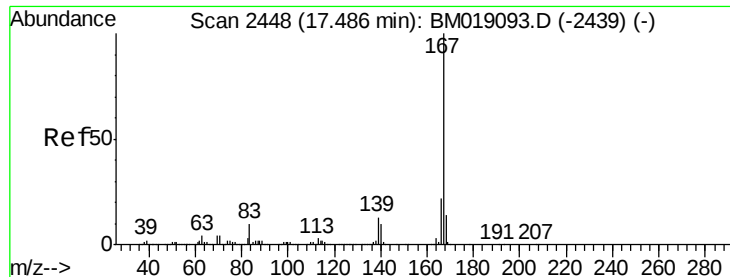
Tot Ion:178 Resp: 2912465
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.4 12.2 18.2



#72
Anthracene
Concen: 40.242 ng
RT: 17.21 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt Ion:178 Resp: 2876087
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 15.5 11.9 17.9





#73

Carbazole

Concen: 40.727 ng

RT: 17.49 min Scan# 2449

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

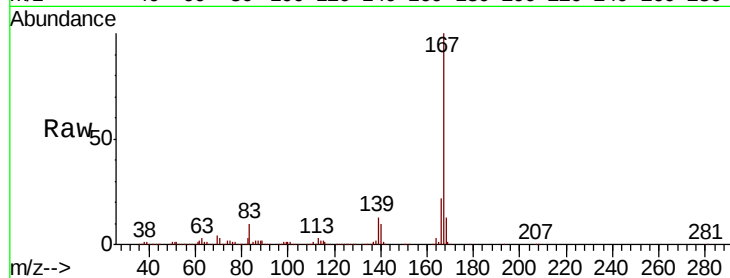
Tot Ion:167 Resp: 2747205

Ion Ratio Lower Upper

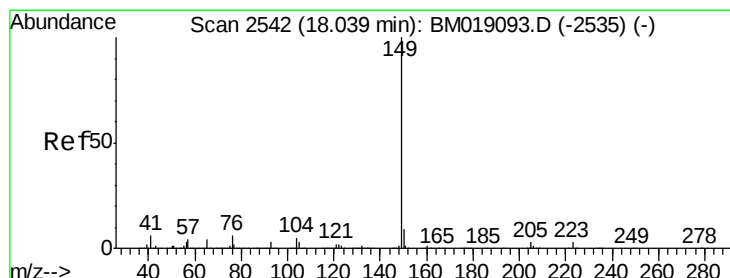
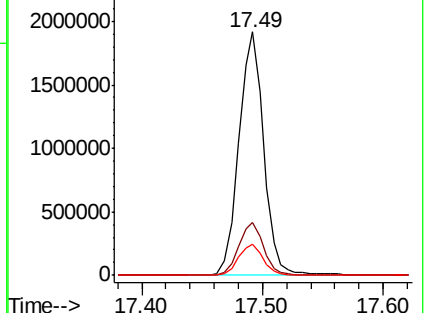
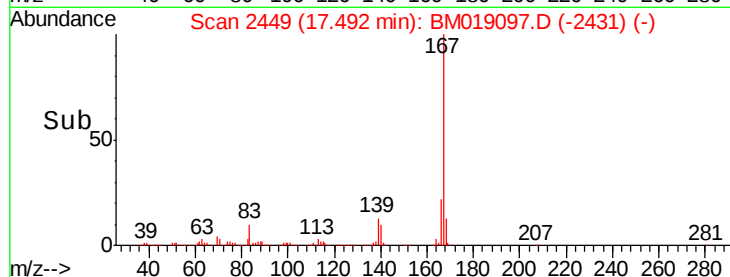
167 100

166 21.8 17.8 26.8

139 12.9 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.114 ng

RT: 18.04 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

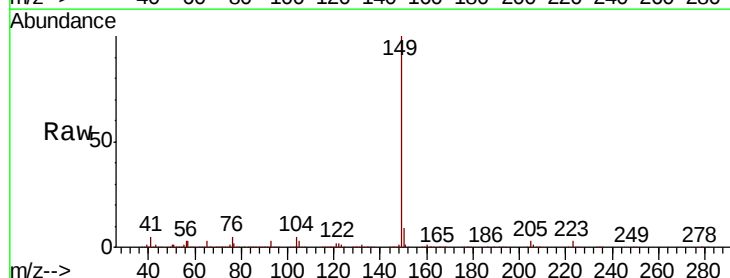
Tgt Ion:149 Resp: 3353653

Ion Ratio Lower Upper

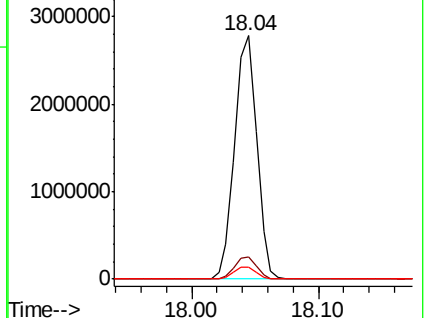
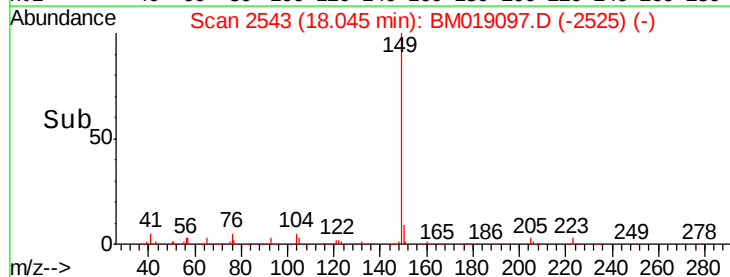
149 100

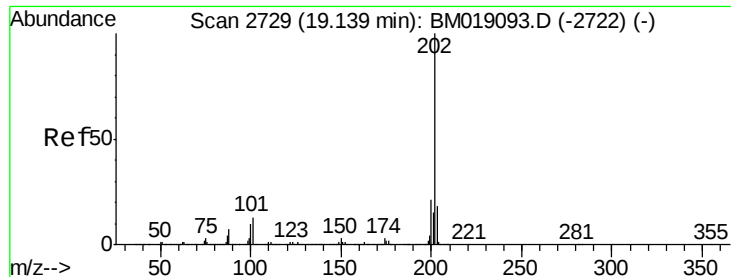
150 9.0 7.4 11.0

104 5.0 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.322 ng

RT: 19.14 min Scan# 2730

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

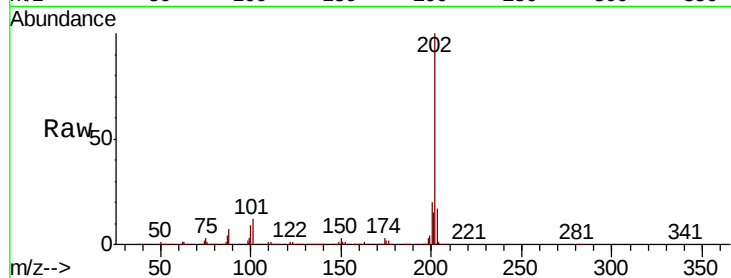
Tot Ion:202 Resp: 3377799

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.0

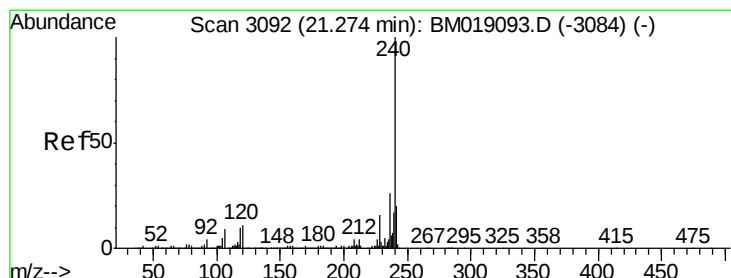
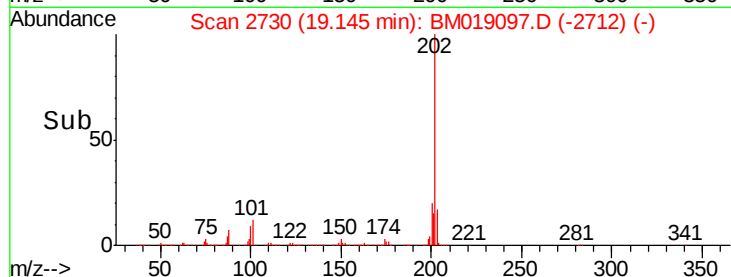
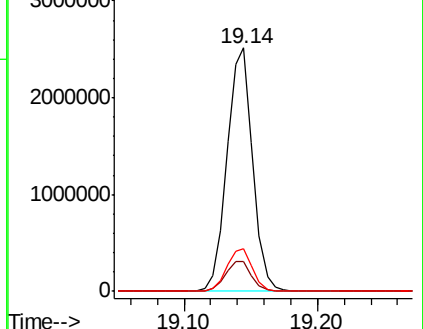
203 17.4 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.28 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

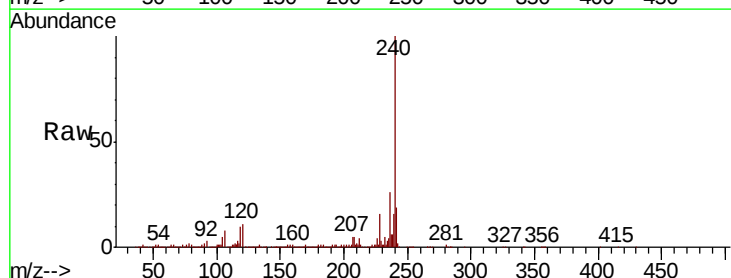
Tgt Ion:240 Resp: 1387463

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

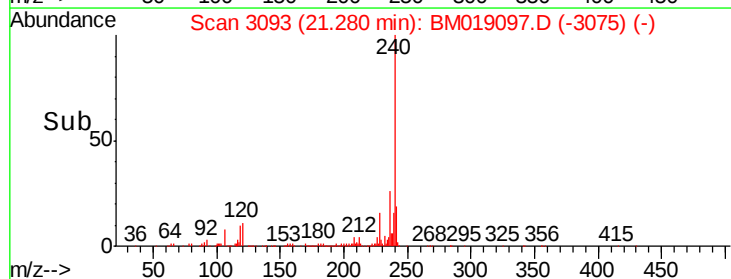
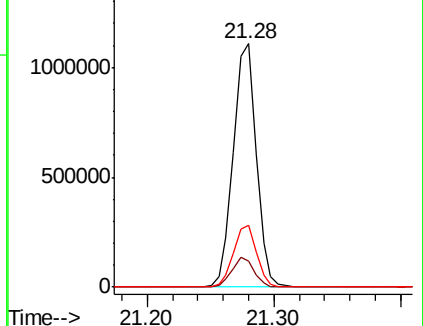
236 25.6 21.0 31.4

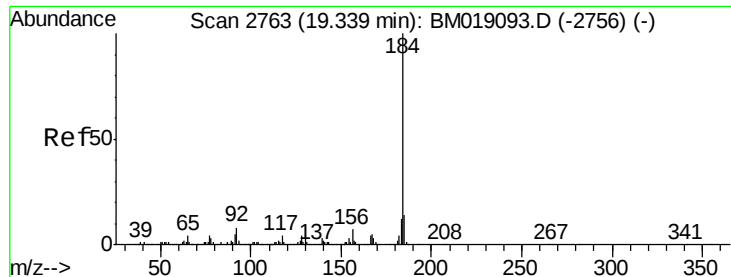


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.685 ng

RT: 19.34 min Scan# 2764

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

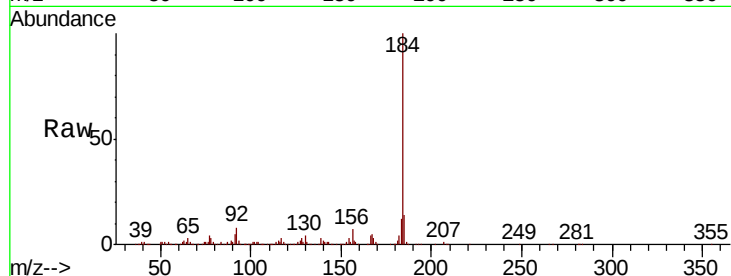
Tot Ion:184 Resp: 1876386

Ion Ratio Lower Upper

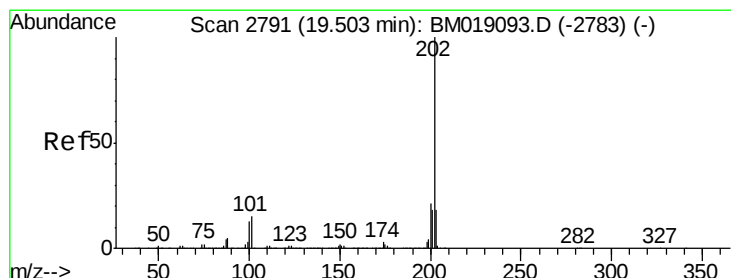
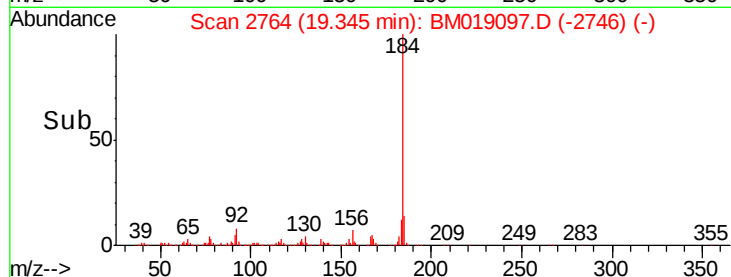
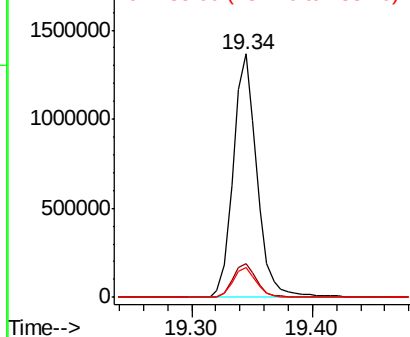
184 100

185 14.1 11.0 16.4

183 12.3 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.070 ng

RT: 19.51 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

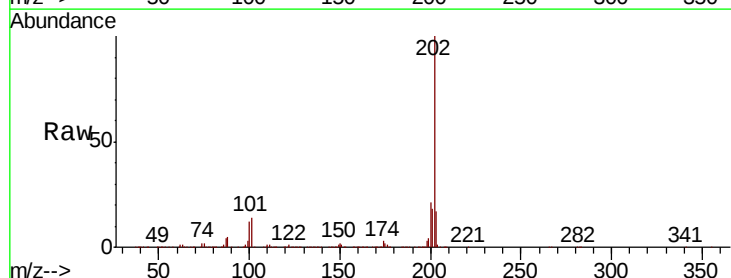
Tgt Ion:202 Resp: 3517615

Ion Ratio Lower Upper

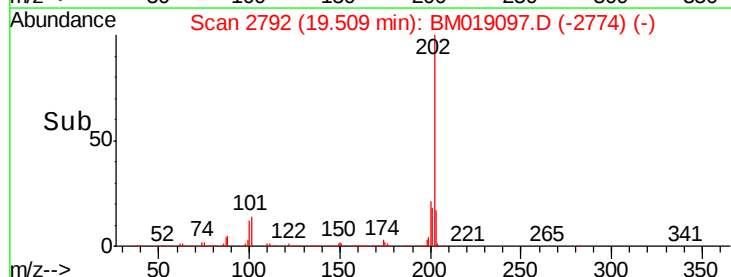
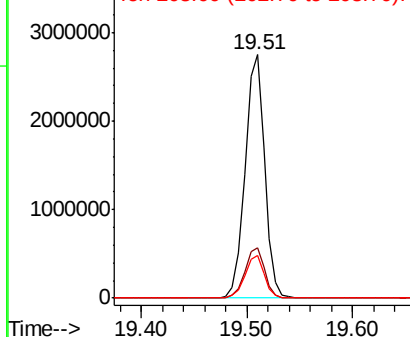
202 100

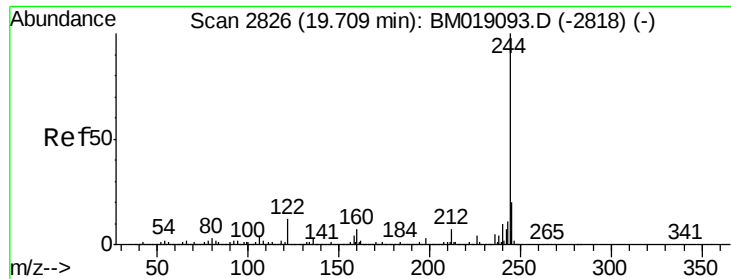
200 20.9 16.9 25.3

203 17.4 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.522 ng

RT: 19.72 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

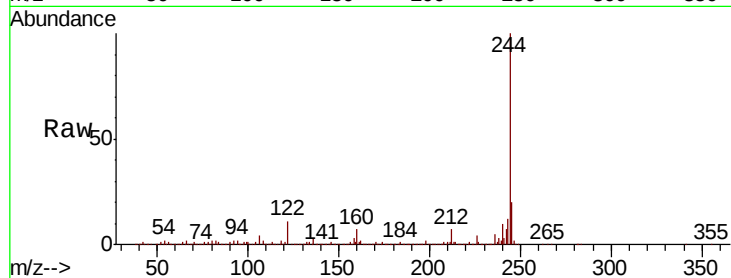
Tot Ion:244 Resp: 5557750

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

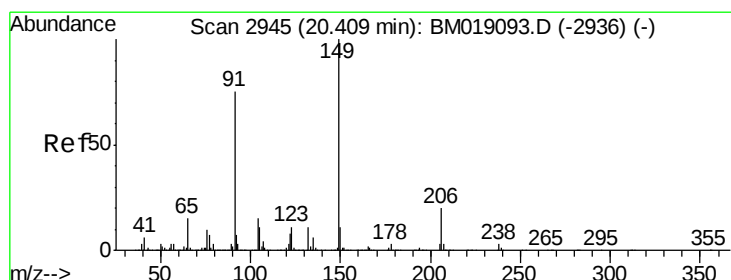
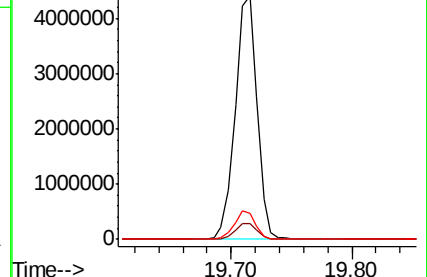
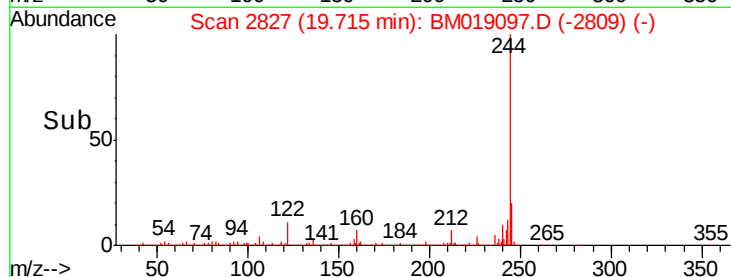
122 10.9 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

6000000 Ion 212.00 (211.70 to 212.70): E

5000000 Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.419 ng

RT: 20.41 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

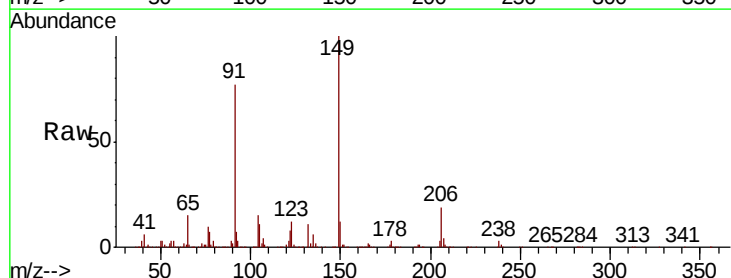
Tgt Ion:149 Resp: 1583684

Ion Ratio Lower Upper

149 100

91 77.4 60.1 90.1

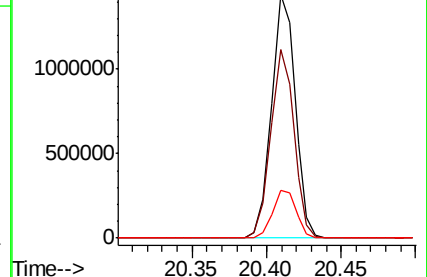
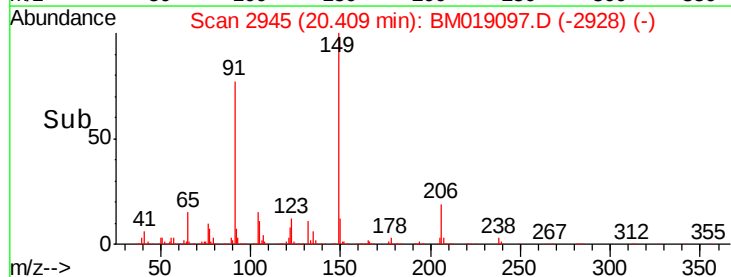
206 19.4 16.2 24.2

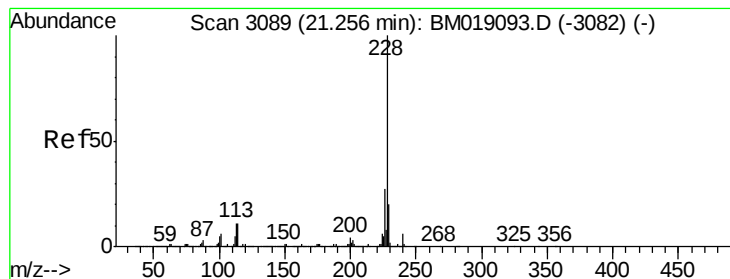


Abundance Ion 149.00 (148.70 to 149.70): E

2000000 Ion 91.00 (90.70 to 91.70): BM0

1500000 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.773 ng

RT: 21.26 min Scan# 3090

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

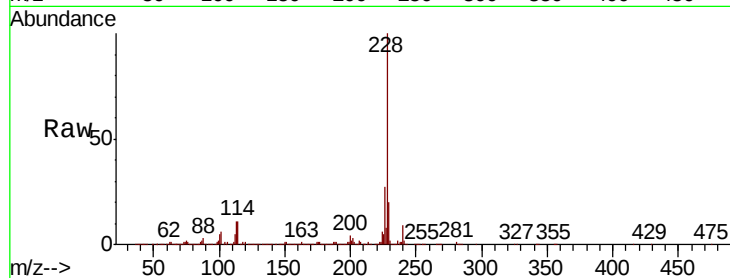
Tot Ion:228 Resp: 3461994

Ion Ratio Lower Upper

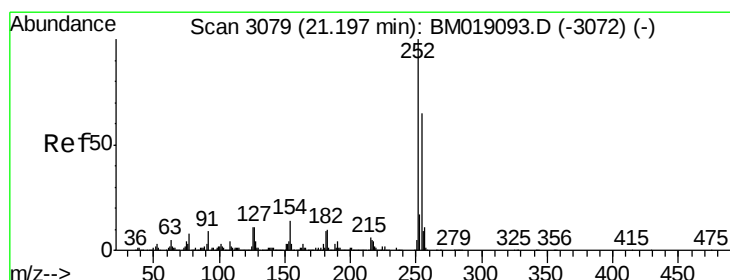
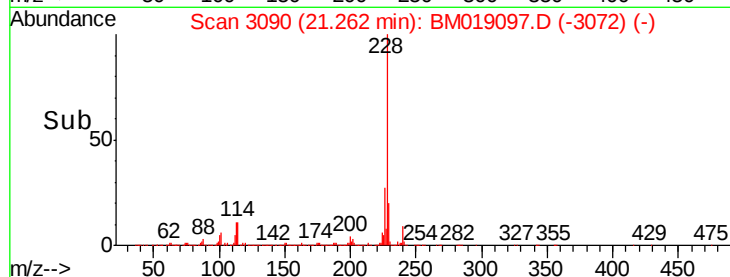
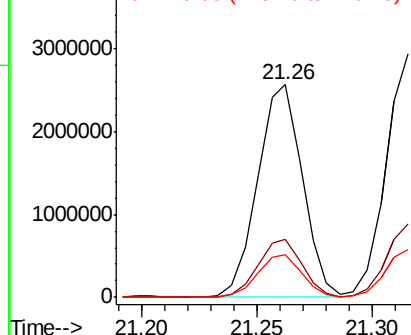
228 100

226 27.1 21.8 32.8

229 19.9 15.8 23.6



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: 41.319 ng

RT: 21.20 min Scan# 3080

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

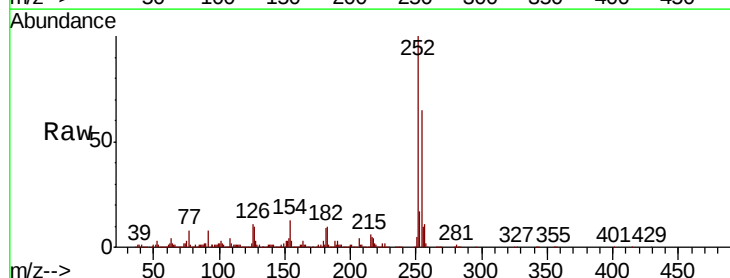
Tgt Ion:252 Resp: 1385528

Ion Ratio Lower Upper

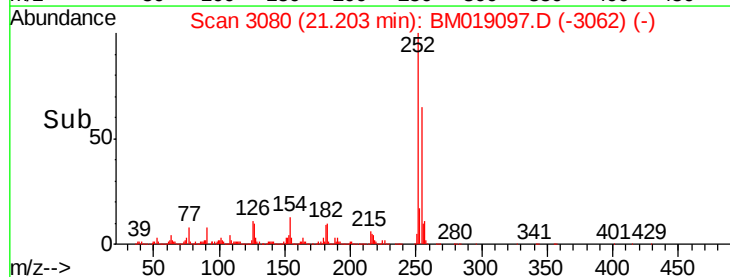
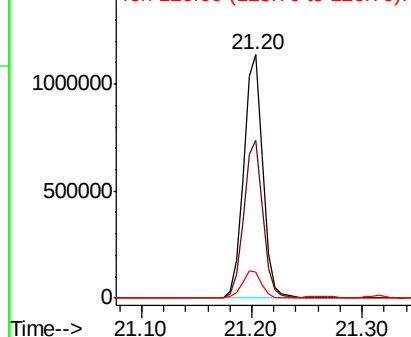
252 100

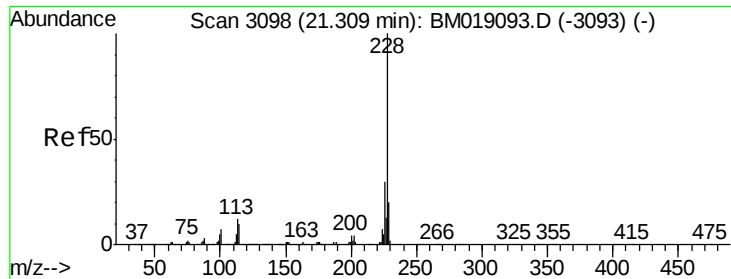
254 64.6 52.4 78.6

126 10.6 9.0 13.6



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

Chrvsene

Concen: 39.970 ng

RT: 21.32 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

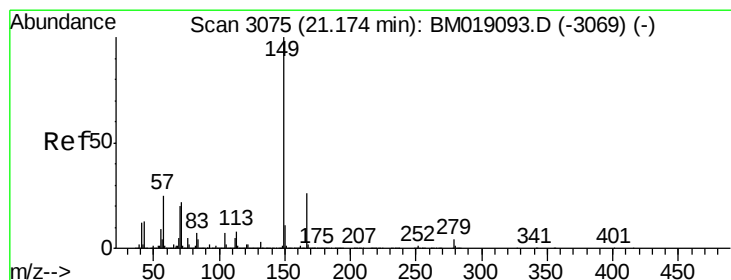
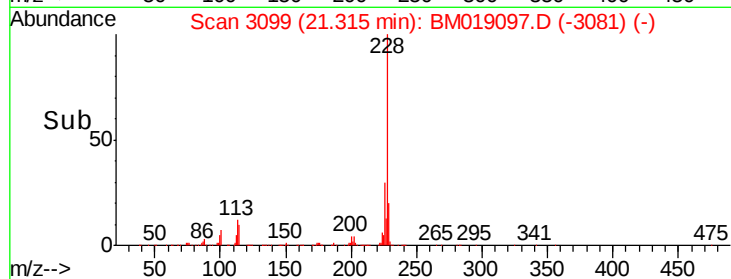
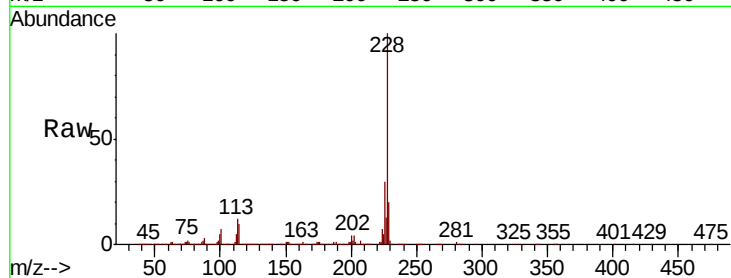
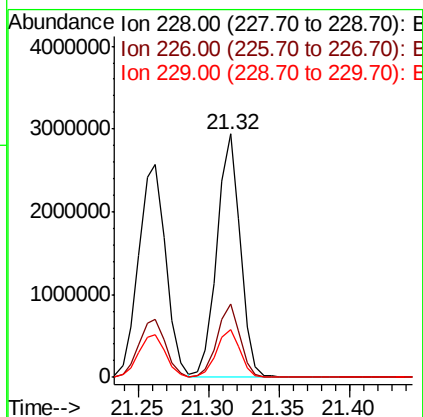
BNA_M

ClientSampleId :

ICVBM031119

Tot Ion:228 Resp: 3365894

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	19.5	15.7	23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.469 ng

RT: 21.18 min Scan# 3076

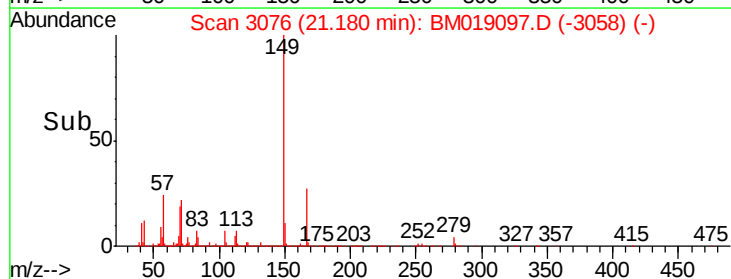
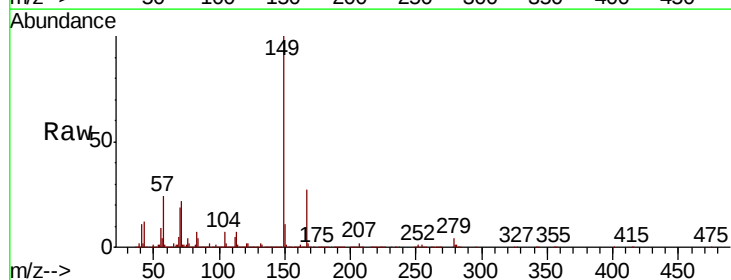
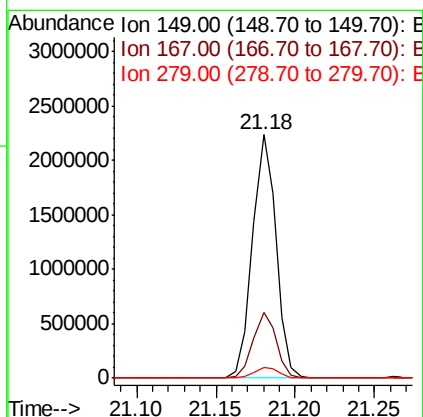
Delta R.T. 0.01 min

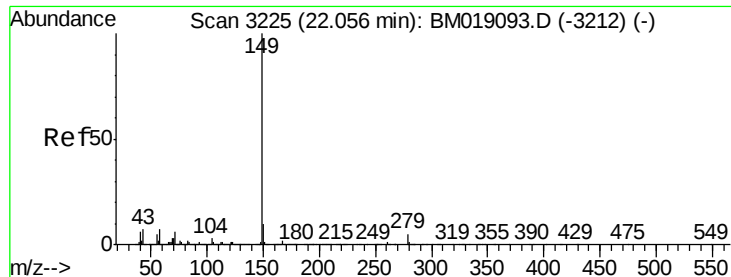
Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Tgt Ion:149 Resp: 2306810

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.1	31.7
279	4.5	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 42.235 ng

RT: 22.06 min Scan# 3226

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

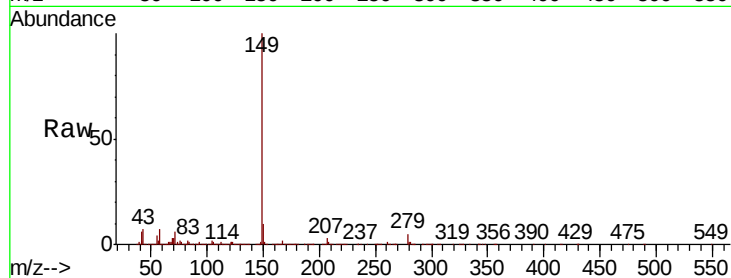
Tot Ion:149 Resp: 3956142

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

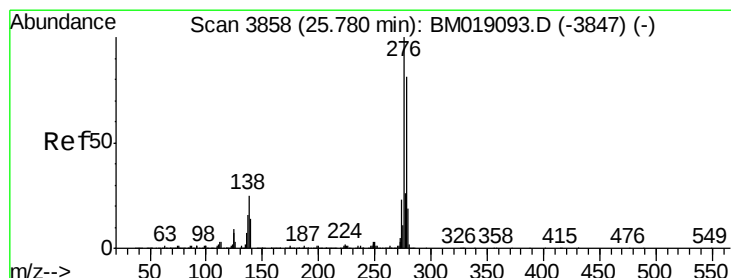
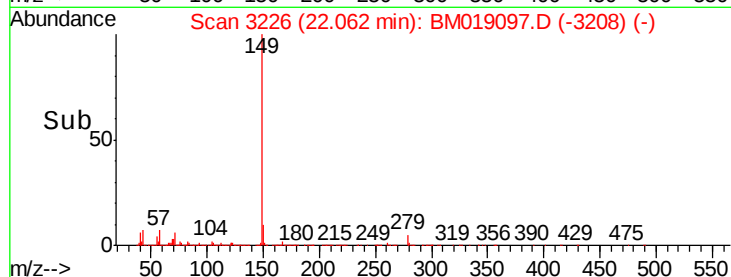
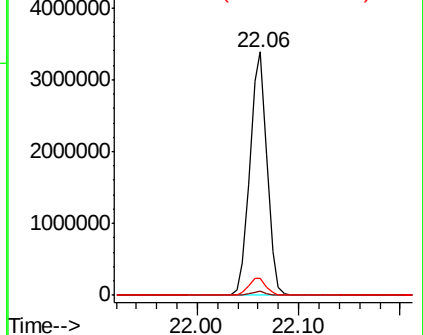
43 7.4 6.1 9.1



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: 42.576 ng

RT: 25.79 min Scan# 3860

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

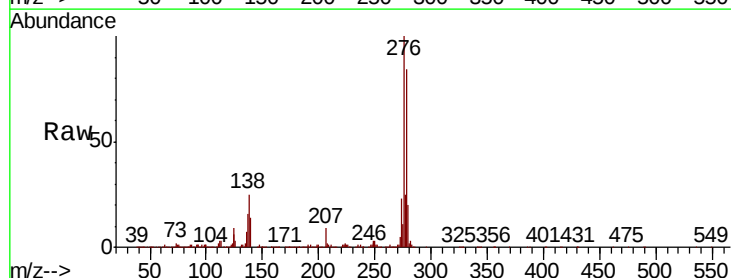
Tgt Ion:276 Resp: 3859491

Ion Ratio Lower Upper

276 100

138 24.9 19.8 29.8

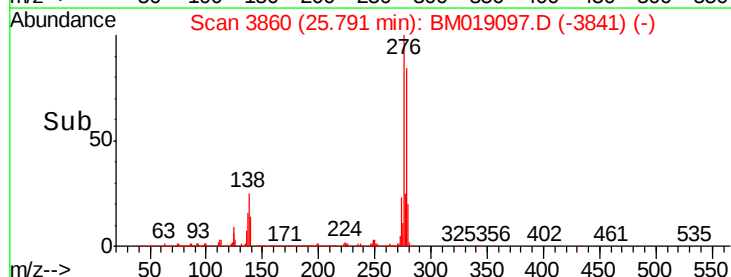
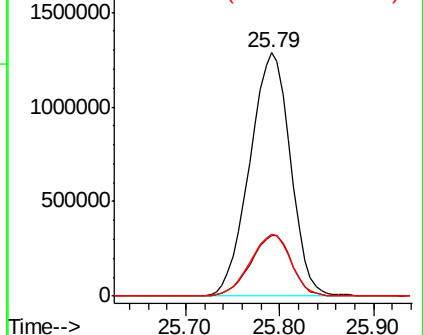
277 25.4 20.3 30.5

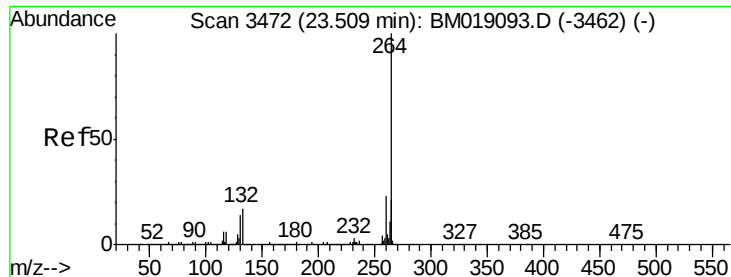


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.52 min Scan# 3474

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

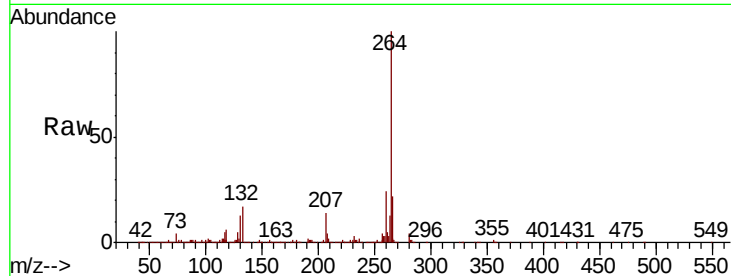
Tot Ion:264 Resp: 1412362

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

265 22.1 17.3 25.9

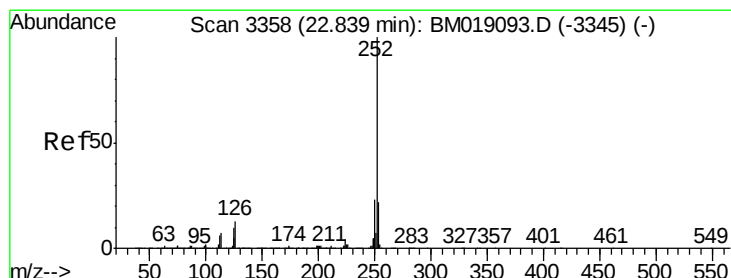
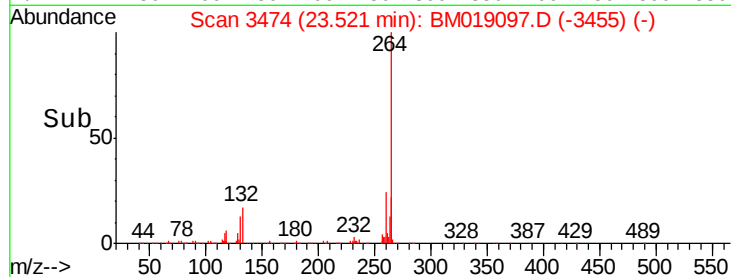
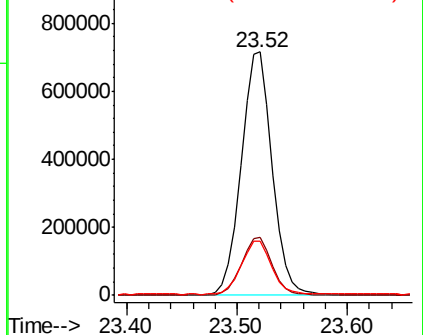


Abundance

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: 40.549 ng

RT: 22.84 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

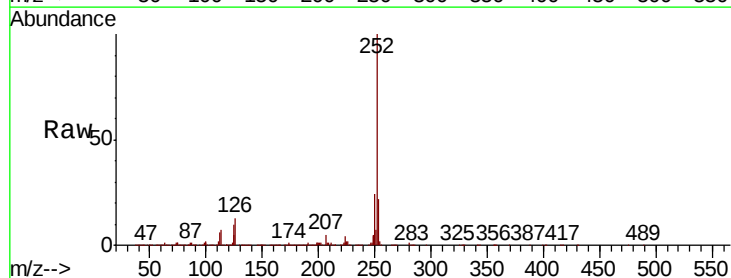
Tgt Ion:252 Resp: 3710920

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.2 8.1 12.1

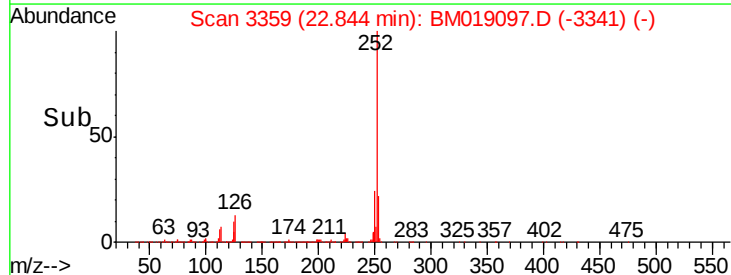
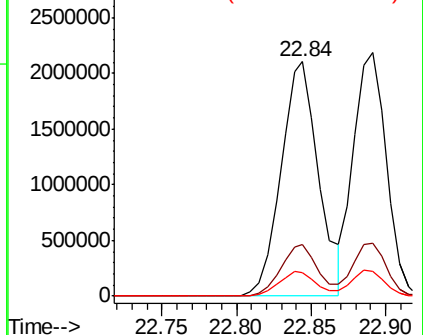


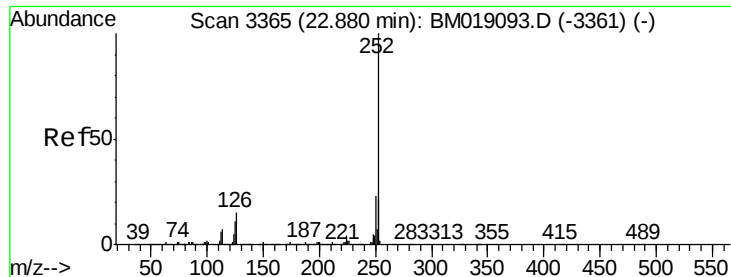
Abundance

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

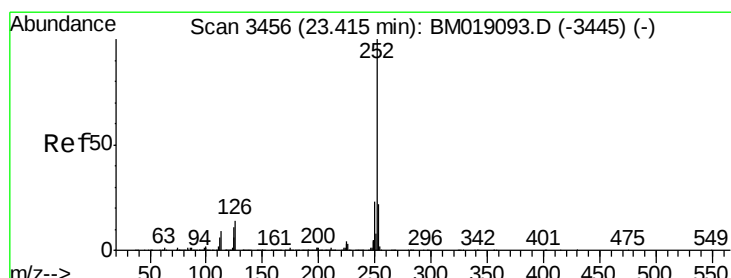
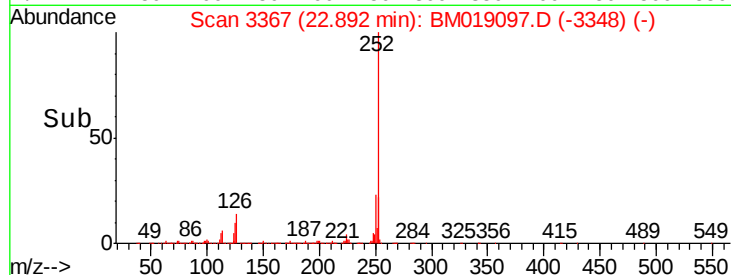
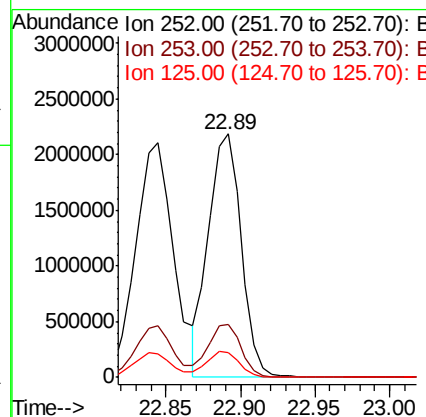
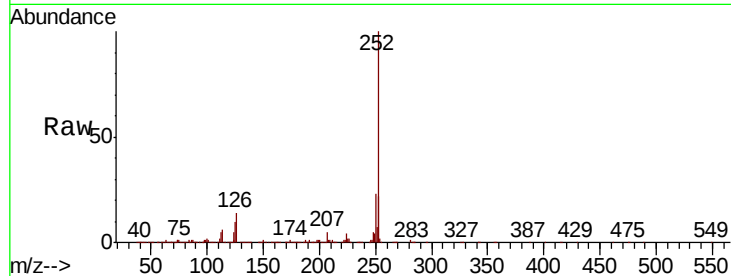




#89
Benzo(k)fluoranthene
Concen: 39.522 ng
RT: 22.89 min Scan# 3367
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

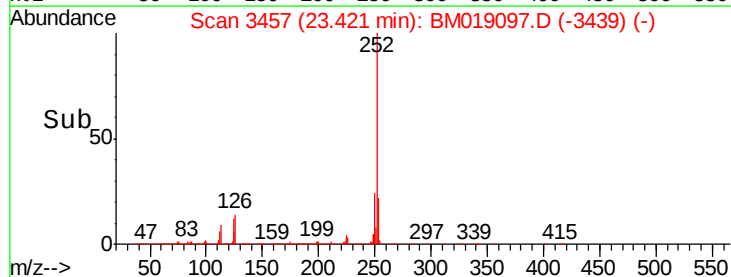
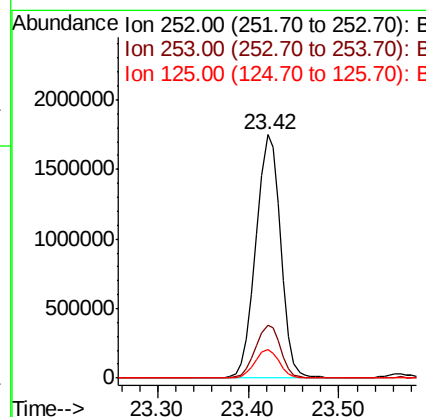
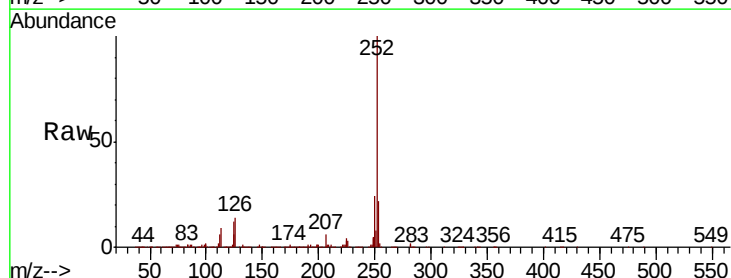
Instrument :
BNA_M
ClientSampleId :
ICVBM031119

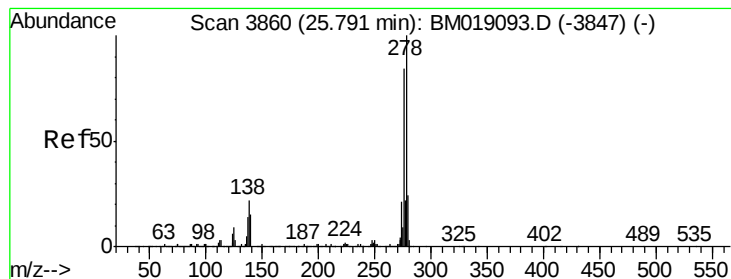
Tot Ion:252 Resp: 3326836
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 10.2 8.8 13.2



#90
Benzo(a)pyrene
Concen: 40.282 ng
RT: 23.42 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BM019097.D
Acq: 11 Mar 2019 17:28

Tgt Ion:252 Resp: 3312912
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 11.6 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 41.421 ng

RT: 25.80 min Scan# 3861

Delta R.T. 0.01 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

Instrument :

BNA_M

ClientSampleId :

ICVBM031119

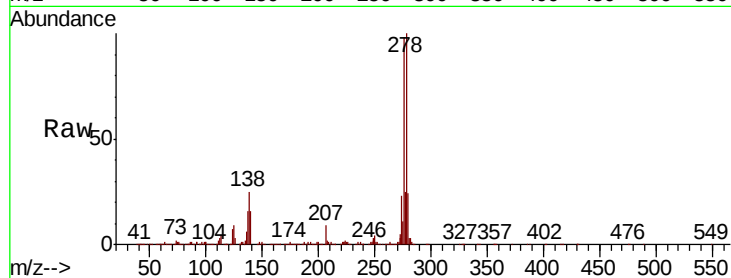
Tot Ion:278 Resp: 3258784

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.3	18.5
279	23.7	18.9	28.3

278 100

139 15.6 12.3 18.5

279 23.7 18.9 28.3

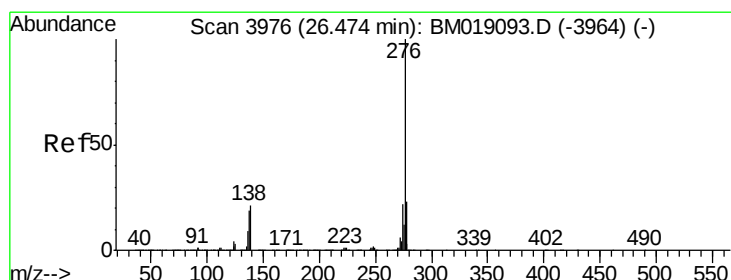
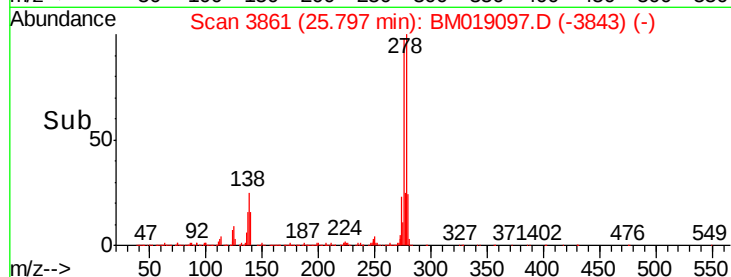
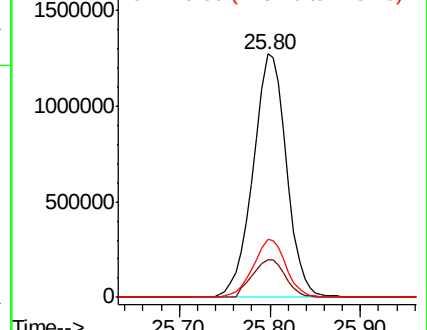


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.850 ng

RT: 26.49 min Scan# 3979

Delta R.T. 0.02 min

Lab File: BM019097.D

Acq: 11 Mar 2019 17:28

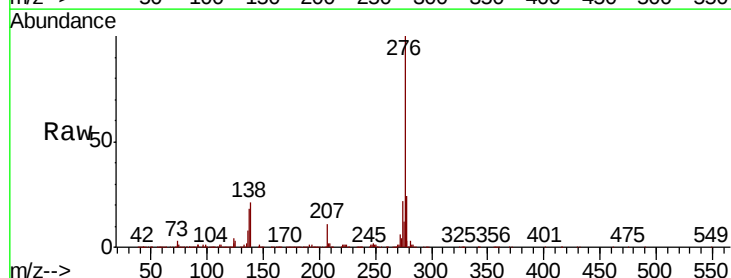
Tgt Ion:276 Resp: 2950643

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	21.2	17.0	25.4

276 100

277 23.5 18.8 28.2

138 21.2 17.0 25.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

