

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
 Data File : BM019093.D
 Acq On : 11 Mar 2019 14:44
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 11 16:05:28 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 15:57:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	212439	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	983429	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	583801	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1286380	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1357704	20.00	ng	0.00
87) Perylene-d12	23.51	264	1229848	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1036403	79.93	ng	0.00
7) Phenol-d6	6.85	99	1540594	84.34	ng	0.00
23) Nitrobenzene-d5	8.83	82	1657455	77.93	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	696838	82.81	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3509237	79.79	ng	0.00
79) Terphenyl-d14	19.71	244	5585707	84.87	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.22	88	221244	39.178	ng	100
3) Pyridine	3.62	79	662801	43.029	ng	100
4) n-Nitrosodimethylamine	3.55	42	197150	50.311	ng	100
6) Aniline	7.01	93	984827	44.005	ng	100
8) 2-Chlorophenol	7.23	128	620266	43.573	ng	100
9) Benzaldehyde	6.83	77	482412	48.253	ng	100
10) Phenol	6.87	94	829537	43.163	ng	100
11) bis(2-Chloroethyl)ether	7.10	93	631526	43.077	ng	100
12) 1,3-Dichlorobenzene	7.55	146	650180	40.619	ng	100
13) 1,4-Dichlorobenzene	7.70	146	661237	40.578	ng	100
14) 1,2-Dichlorobenzene	8.01	146	644142	41.152	ng	100
15) Benzyl Alcohol	7.92	79	640817	44.153	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.20	45	627059	44.192	ng	100
17) 2-Methylphenol	8.11	107	537079	43.907	ng	100
18) Hexachloroethane	8.72	117	250746	42.152	ng	100
19) n-Nitroso-di-n-propylamine	8.47	70	634938	44.896	ng	100
20) 3+4-Methylphenols	8.44	107	742827	43.978	ng	100
22) Acetophenone	8.50	105	1089124	40.328	ng	100
24) Nitrobenzene	8.87	77	863451	39.111	ng	100
25) Isophorone	9.39	82	1586936	46.762	ng	100
26) 2-Nitrophenol	9.58	139	372998	42.426	ng	100
27) 2,4-Dimethylphenol	9.63	122	533006	41.508	ng	100
28) bis(2-Chloroethoxy)methane	9.87	93	936964	42.696	ng	100
29) 2,4-Dichlorophenol	10.10	162	603811	40.952	ng	100
30) 1,2,4-Trichlorobenzene	10.32	180	649450	38.141	ng	100
31) Naphthalene	10.50	128	2019698	42.110	ng	100
32) Benzoic acid	9.81	122	402367	35.922	ng	100
33) 4-Chloroaniline	10.63	127	859609	40.094	ng	100
34) Hexachlorobutadiene	10.76	225	373263	37.766	ng	100
35) Caprolactam	11.45	113	211395	35.130	ng	100
36) 4-Chloro-3-methylphenol	11.76	107	735168	41.355	ng	100
37) 2-Methylnaphthalene	12.12	142	1467424	43.455	ng	100
38) 1-Methylnaphthalene	12.34	142	1454985	44.062	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	728397	39.003	ng	100

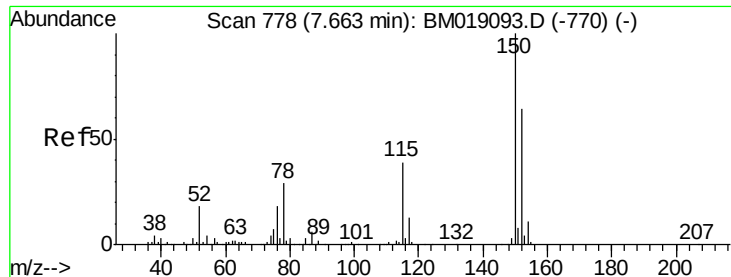
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	337838	35.383	ng	100
43) 2,4,6-Trichlorophenol	12.74	196	485459	39.267	ng	100
44) 2,4,5-Trichlorophenol	12.82	196	523556	40.404	ng	100
46) 1,1'-Biphenyl	13.15	154	1999001	39.779	ng	100
47) 2-Chloronaphthalene	13.19	162	1494663	38.508	ng	100
48) 2-Nitroaniline	13.42	65	536008	41.580	ng	100
49) Acenaphthylene	14.04	152	2549445	44.112	ng	100
50) Dimethylphthalate	13.79	163	1949706	40.073	ng	100
51) 2,6-Dinitrotoluene	13.92	165	439796	41.728	ng	100
52) Acenaphthene	14.39	154	1444760	40.768	ng	100
53) 3-Nitroaniline	14.25	138	452012	37.957	ng	100
54) 2,4-Dinitrophenol	14.46	184	253083	43.458	ng	100
55) Dibenzofuran	14.72	168	2316171	39.764	ng	100
56) 4-Nitrophenol	14.56	139	374711	39.417	ng	100
57) 2,4-Dinitrotoluene	14.71	165	614418	42.311	ng	100
58) Fluorene	15.37	166	1933564	43.391	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	477644	41.702	ng	100
60) Diethylphthalate	15.15	149	1998200	39.814	ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	935928	37.460	ng	100
62) 4-Nitroaniline	15.43	138	453591	38.853	ng	100
63) Azobenzene	15.66	77	2143661	39.836	ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	339081	37.543	ng	100
66) n-Nitrosodiphenylamine	15.59	169	1639371	40.337	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	568232	39.464	ng	100
68) Hexachlorobenzene	16.37	284	668658	39.952	ng	100
69) Atrazine	16.55	200	560298	42.763	ng	100
70) Pentachlorophenol	16.72	266	407704	37.834	ng	100
71) Phenanthrene	17.12	178	2965859	42.901	ng	100
72) Anthracene	17.21	178	2967766	44.105	ng	100
73) Carbazole	17.49	167	2790907	39.700	ng	100
74) Di-n-butylphthalate	18.04	149	3438550	42.530	ng	100
75) Fluoranthene	19.14	202	3413617	42.747	ng	100
77) Benzidine	19.34	184	1551659	50.745	ng	100
78) Pyrene	19.50	202	3507474	44.481	ng	100
80) Butylbenzylphthalate	20.41	149	1581832	44.017	ng	100
81) Benzo(a)anthracene	21.26	228	3375161	42.646	ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	1336640	42.733	ng	100
83) Chrysene	21.31	228	3240875	42.723	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2278961	43.328	ng	100
85) Di-n-octyl phthalate	22.06	149	3678502	41.611	ng	100
86) Indeno(1,2,3-cd)pyrene	25.78	276	3099678	35.392	ng	100
88) Benzo(b)fluoranthene	22.84	252	3165046	44.981	ng	100
89) Benzo(k)fluoranthene	22.88	252	3008794	42.951	ng	100
90) Benzo(a)pyrene	23.41	252	2850009	42.756	ng	100
91) Dibenzo(a,h)anthracene	25.79	278	2606186	39.463	ng	100
92) Benzo(g,h,i)perylene	26.47	276	2387495	38.832	ng	100

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

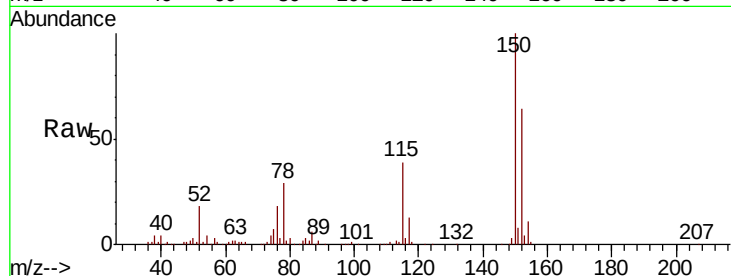


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.3	187.9
115	61.7	49.4	74.0

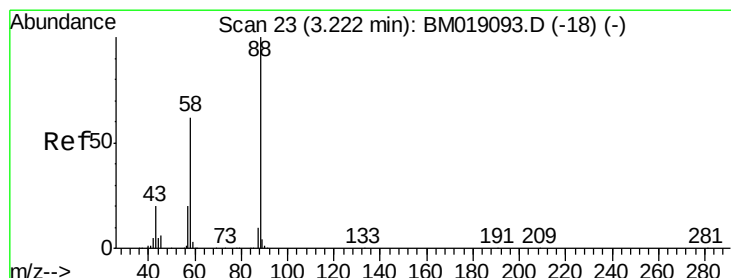
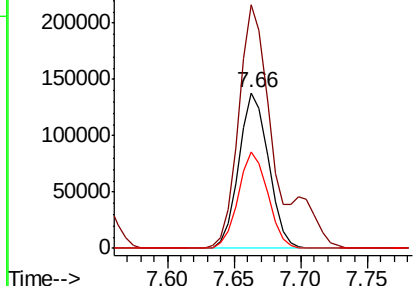
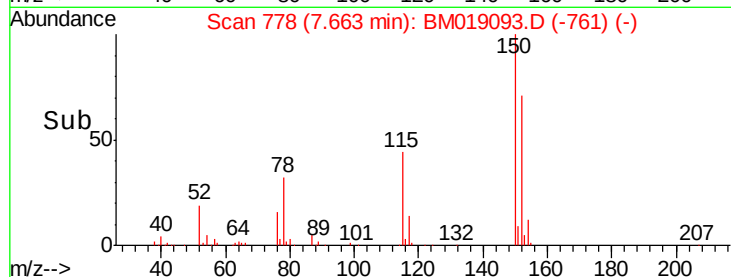


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

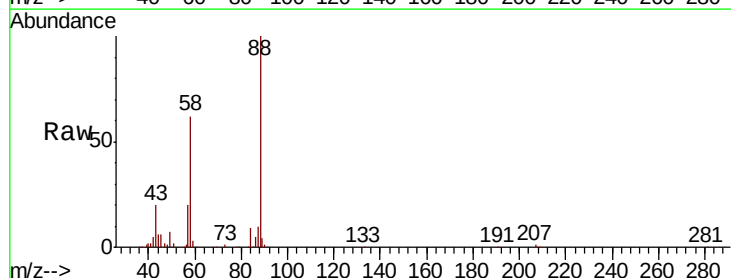
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.178 ng
RT: 3.22 min Scan# 23
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.2	50.0	75.0
43	21.3	17.0	25.4

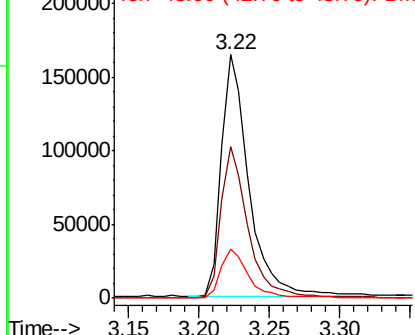
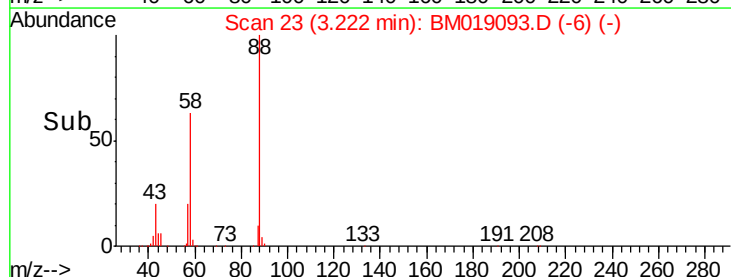


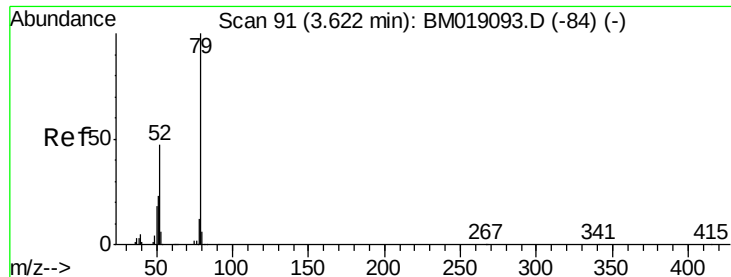
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 43.029 ng

RT: 3.62 min Scan# 91

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

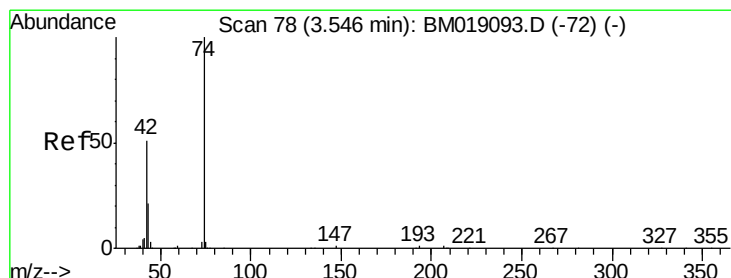
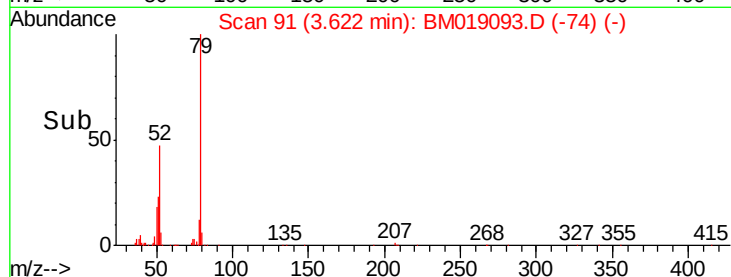
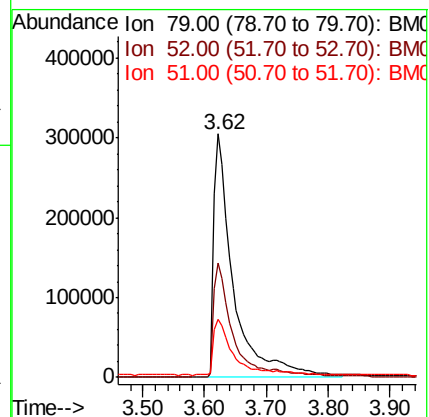
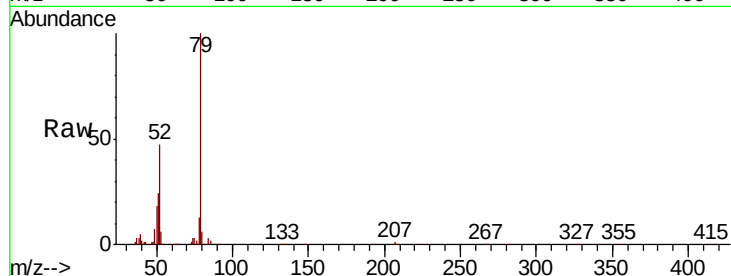
Tot Ion: 79 Resp: 662801

Ion Ratio Lower Upper

79 100

52 46.9 37.5 56.3

51 24.0 19.2 28.8



#4

n-Nitrosodimethylamine

Concen: 50.311 ng

RT: 3.55 min Scan# 78

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

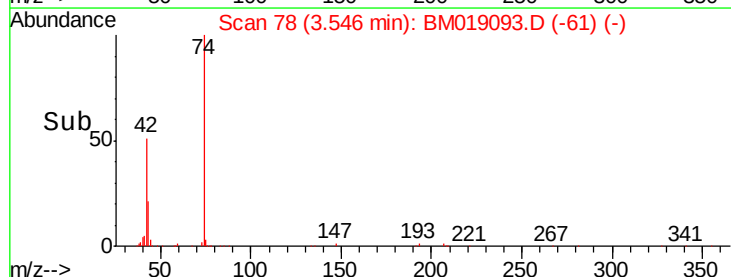
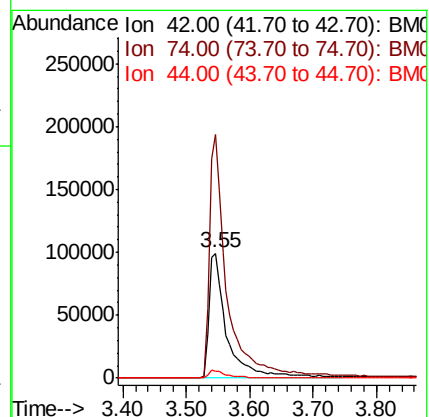
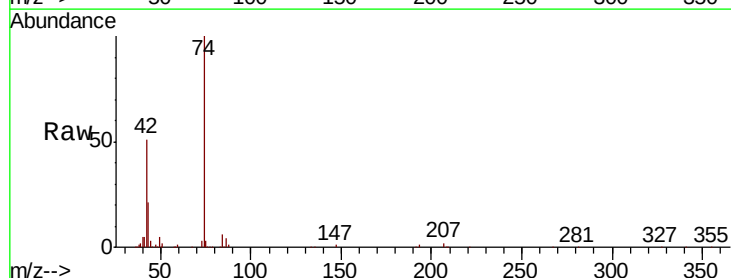
Tgt Ion: 42 Resp: 197150

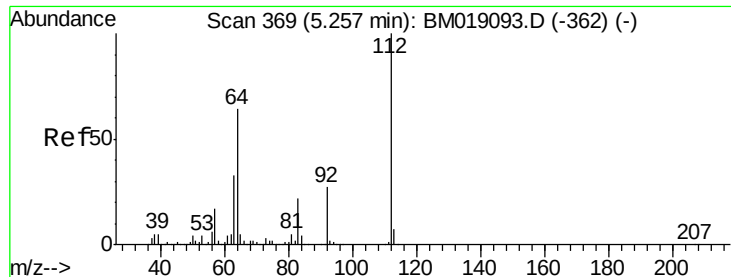
Ion Ratio Lower Upper

42 100

74 195.4 156.3 234.5

44 5.8 4.6 7.0





#5

2-Fluorophenol

Concen: 79.934 ng

RT: 5.26 min Scan# 369

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

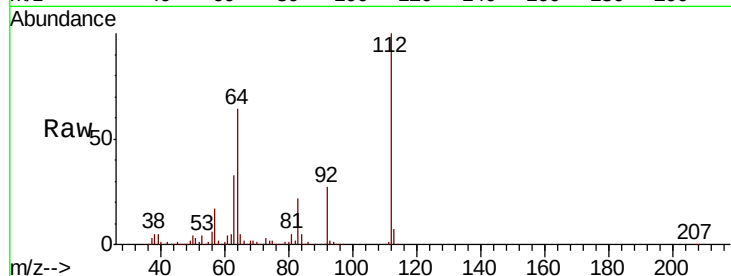
Tot Ion:112 Resp: 1036403

Ion Ratio Lower Upper

112 100

64 64.2 51.4 77.0

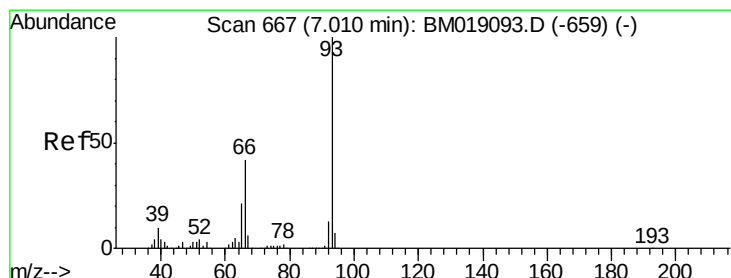
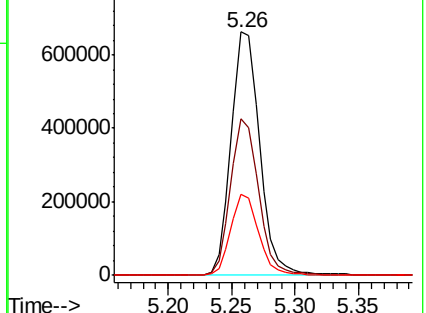
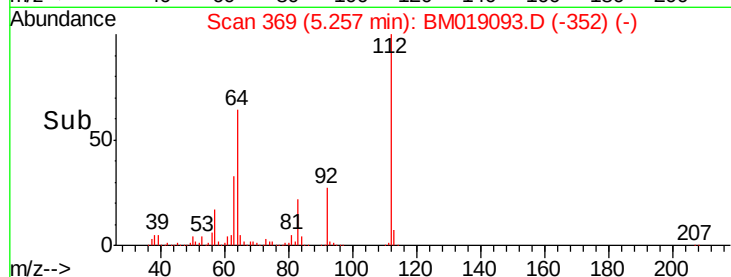
63 33.3 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 44.005 ng

RT: 7.01 min Scan# 667

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

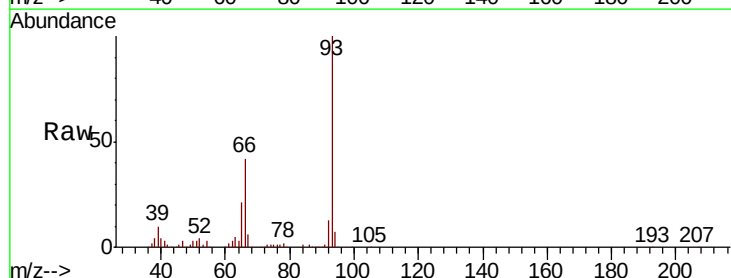
Tgt Ion: 93 Resp: 984827

Ion Ratio Lower Upper

93 100

66 41.8 33.4 50.2

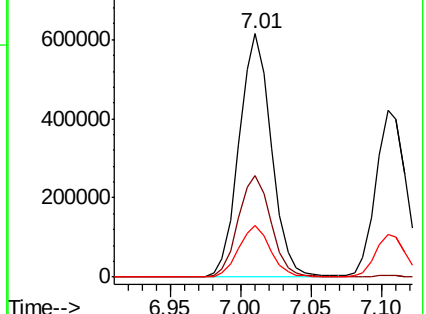
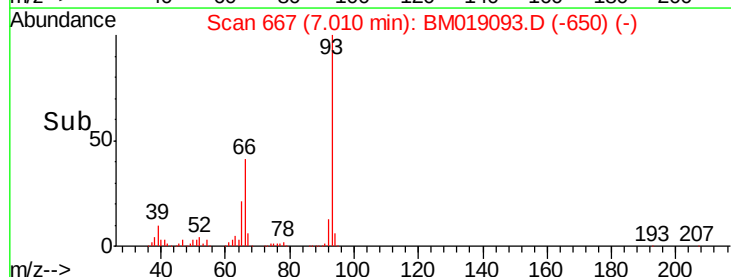
65 21.0 16.8 25.2

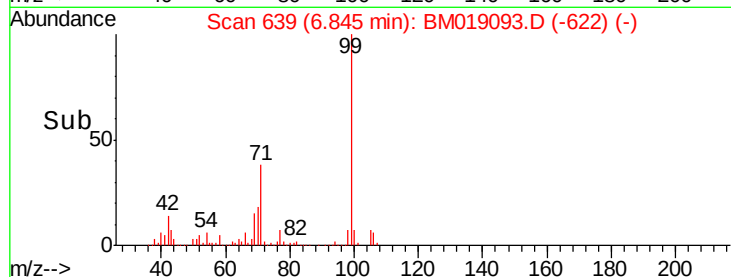
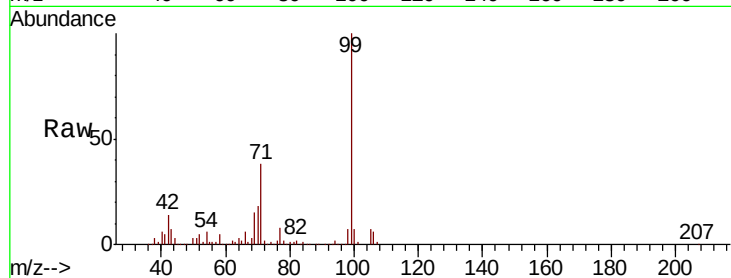
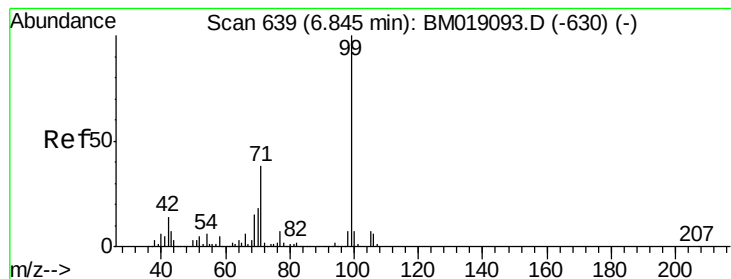


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 84.345 ng

RT: 6.85 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

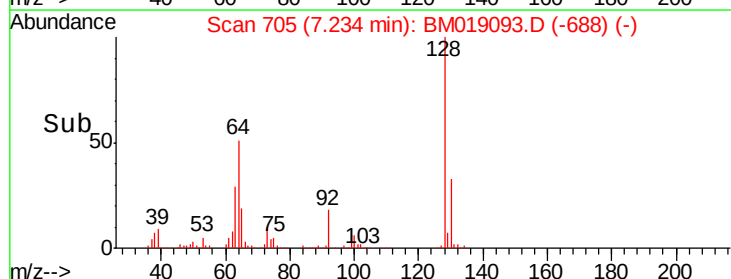
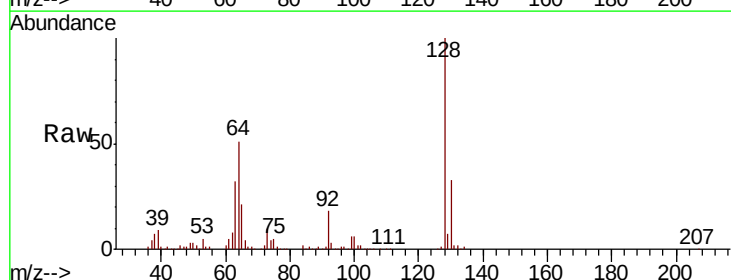
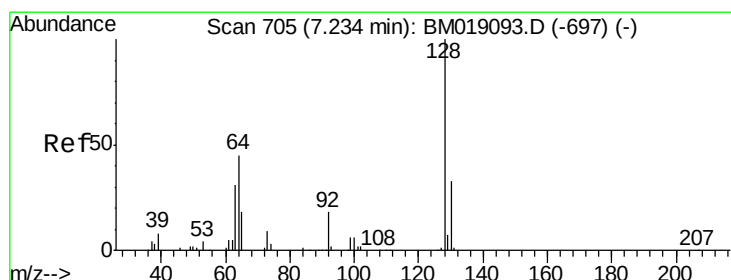
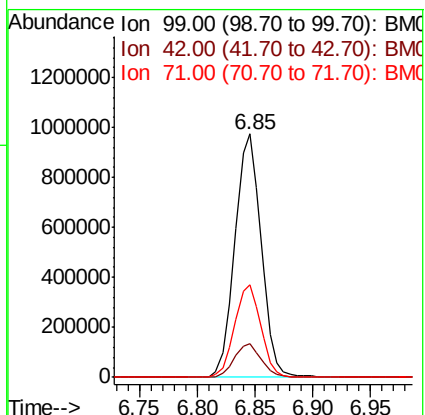
Tot Ion: 99 Resp: 1540594

Ion Ratio Lower Upper

99 100

42 13.6 10.9 16.3

71 37.9 30.3 45.5



#8

2-Chlorophenol

Concen: 43.573 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

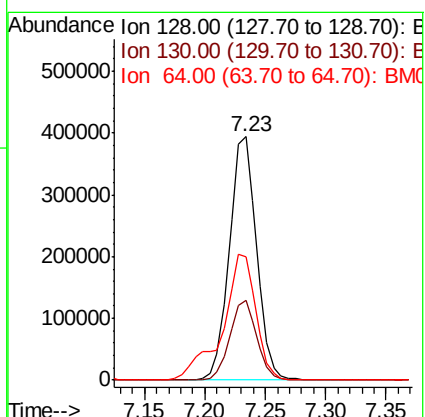
Tgt Ion: 128 Resp: 620266

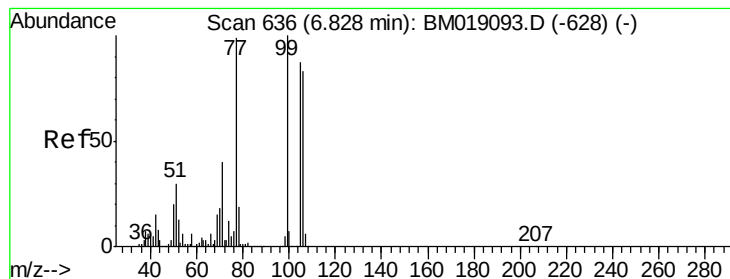
Ion Ratio Lower Upper

128 100

130 32.8 12.8 52.8

64 50.8 30.8 70.8





#9

Benzaldehyde

Concen: 48.253 ng

RT: 6.83 min Scan# 636

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

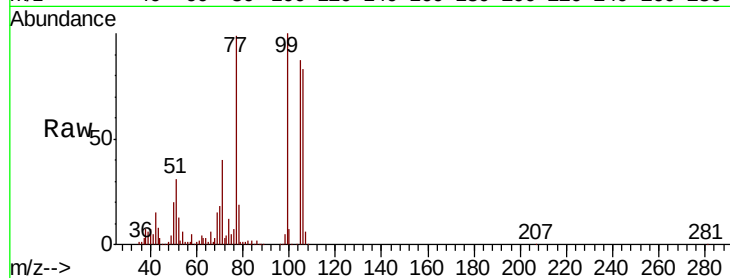
Tot Ion: 77 Resp: 482412

Ion Ratio Lower Upper

77 100

105 87.7 67.7 107.7

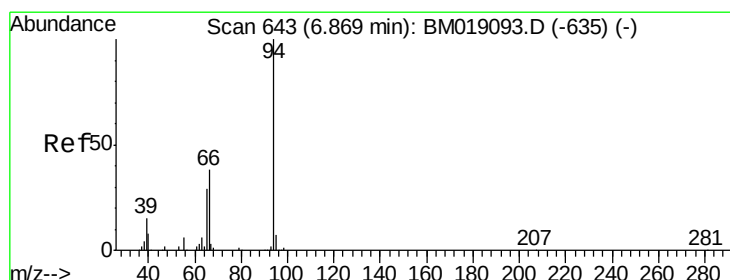
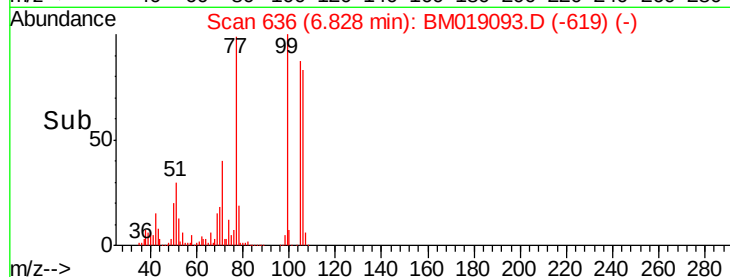
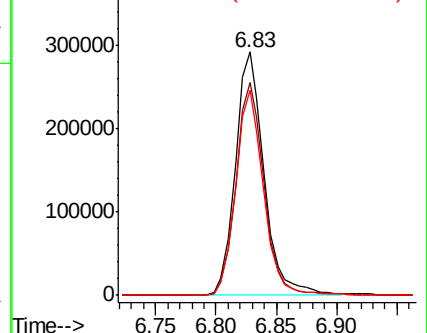
106 84.1 64.1 104.1



Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-628) (-)

Ion 105.00 (104.70 to 105.70): BM019093.D (-628) (-)

Ion 106.00 (105.70 to 106.70): BM019093.D (-628) (-)



#10

Phenol

Concen: 43.163 ng

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

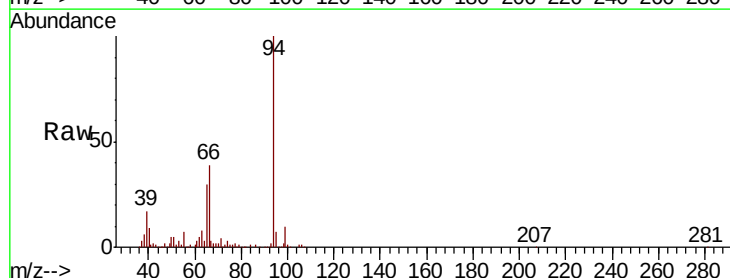
Tgt Ion: 94 Resp: 829537

Ion Ratio Lower Upper

94 100

65 29.7 9.7 49.7

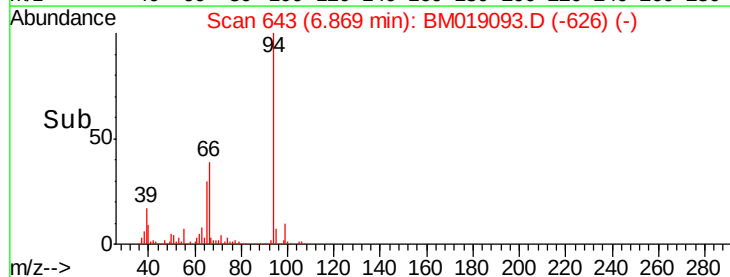
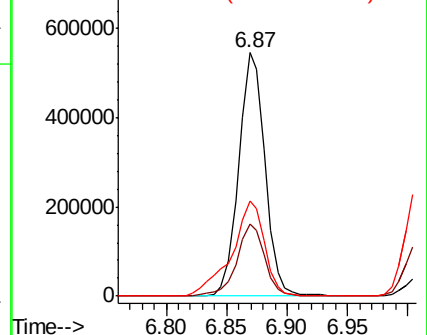
66 39.2 19.2 59.2

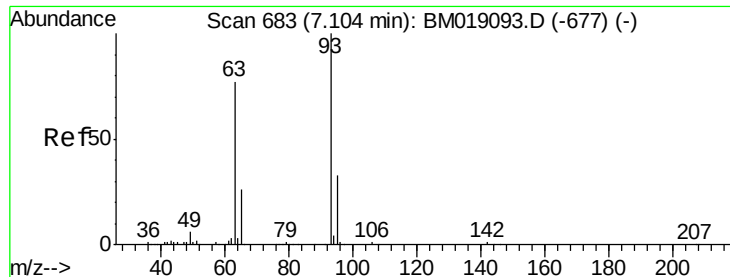


Abundance Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM019093.D (-635) (-)

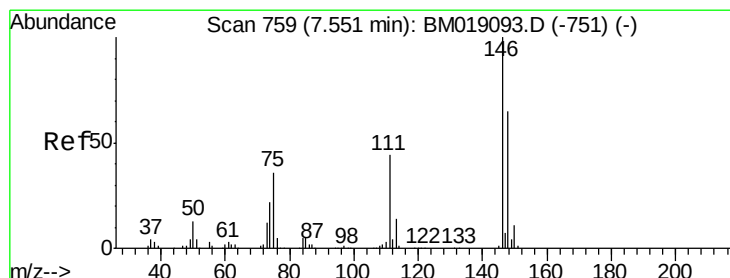
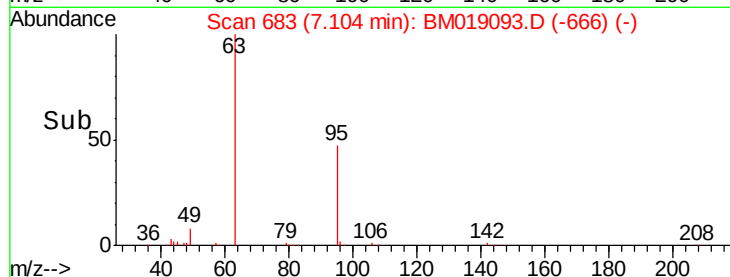
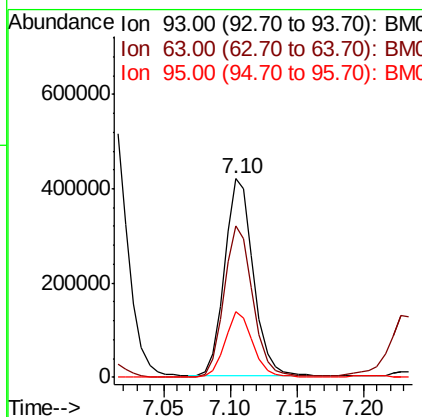
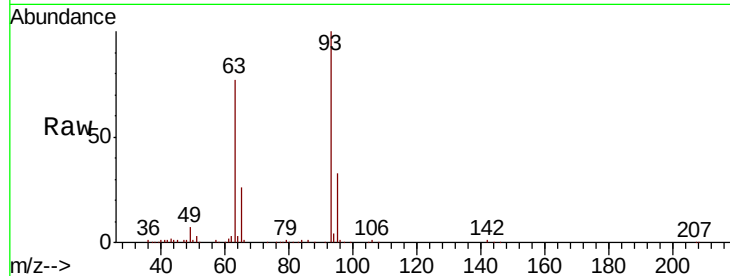




#11
bis(2-Chloroethyl)ether
Concen: 43.077 ng
RT: 7.10 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

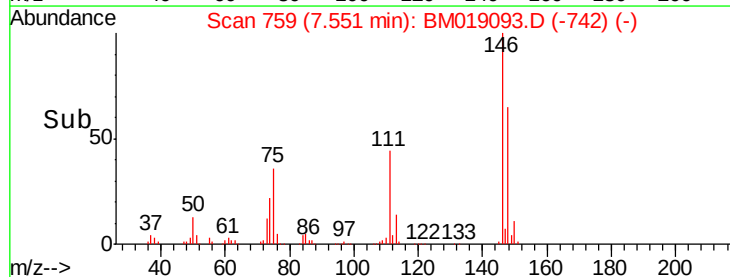
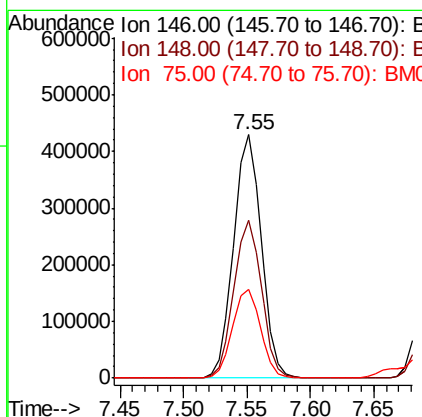
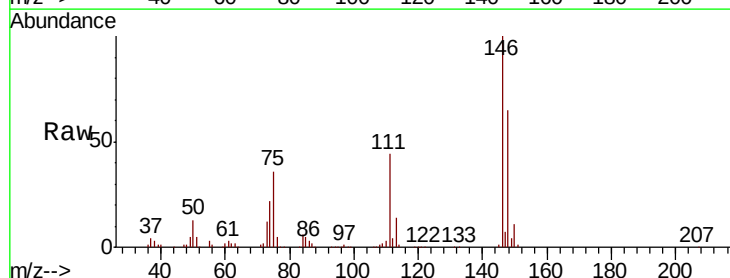
Instrument :
BNA_M
ClientSampleId :

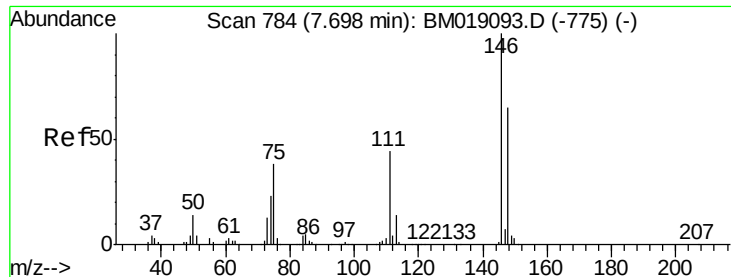
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.6	56.6	96.6
95	33.0	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 40.619 ng
RT: 7.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
75	36.4	29.1	43.7

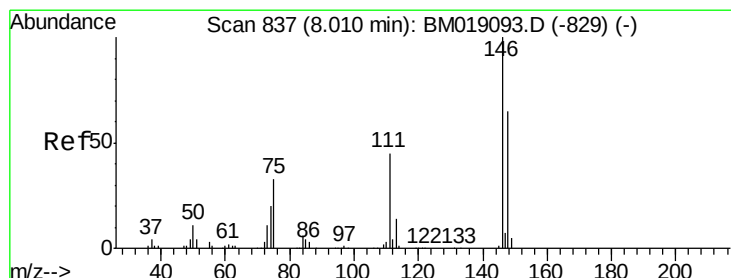
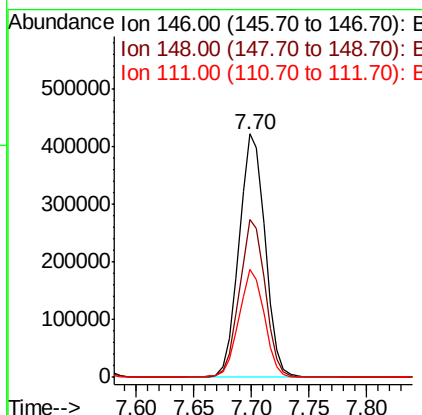
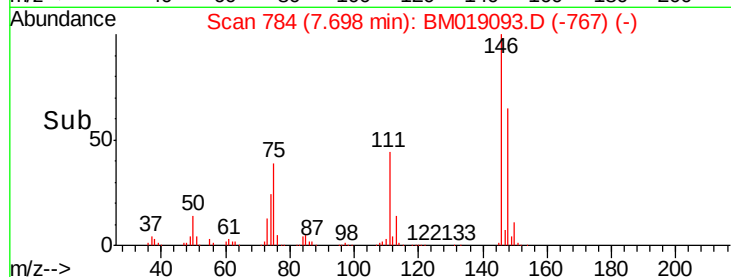
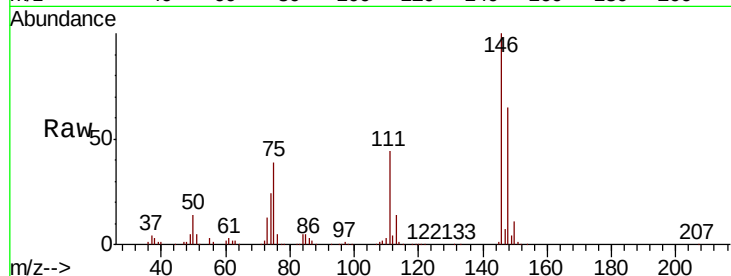




#13
 1,4-Dichlorobenzene
 Concen: 40.578 ng
 RT: 7.70 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BM019093.D
 Acq: 11 Mar 2019 14:44

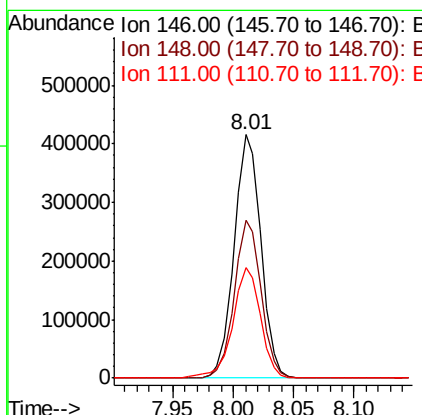
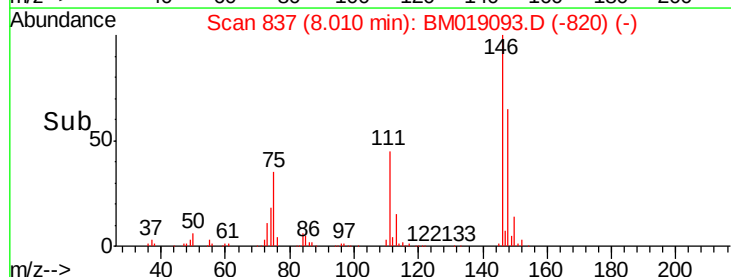
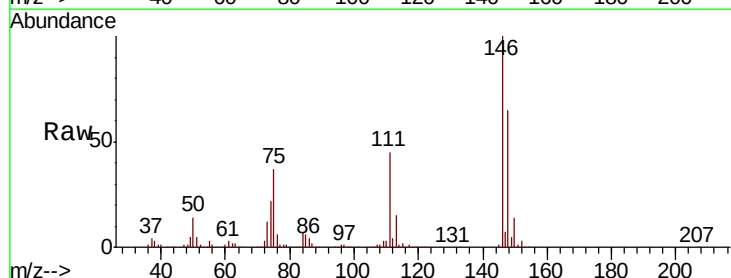
Instrument :
 BNA_M
 ClientSampled :

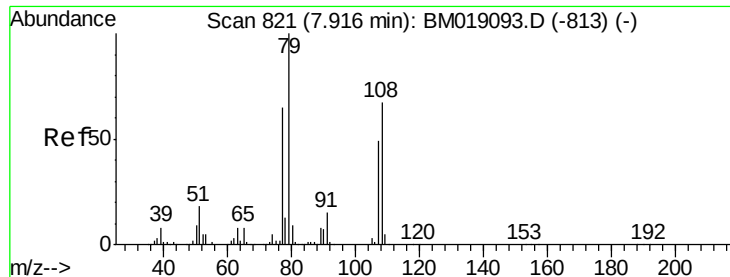
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
111	44.2	35.4	53.0



#14
 1,2-Dichlorobenzene
 Concen: 41.152 ng
 RT: 8.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BM019093.D
 Acq: 11 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
111	45.3	36.2	54.4





#15

Benzyl Alcohol

Concen: 44.153 ng

RT: 7.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

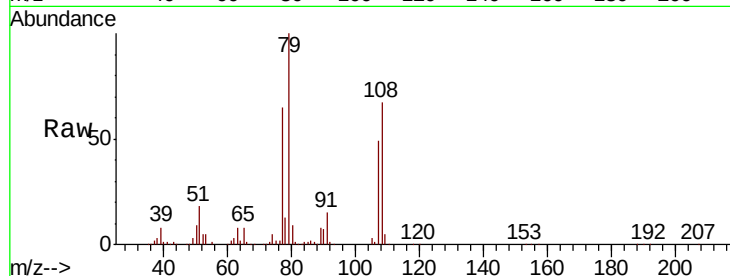
Tot Ion: 79 Resp: 640817

Ion Ratio Lower Upper

79 100

108 67.1 53.7 80.5

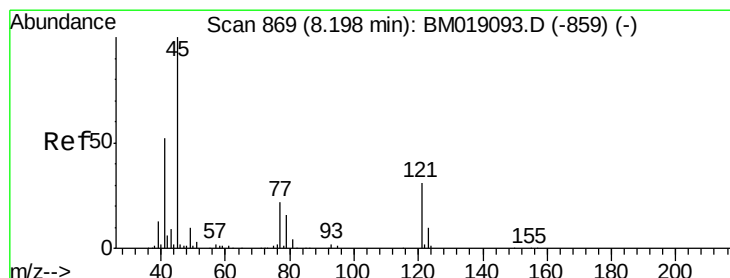
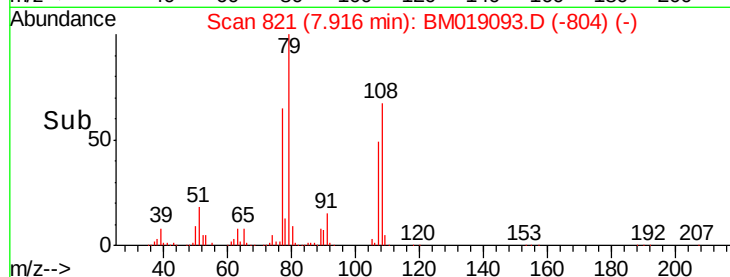
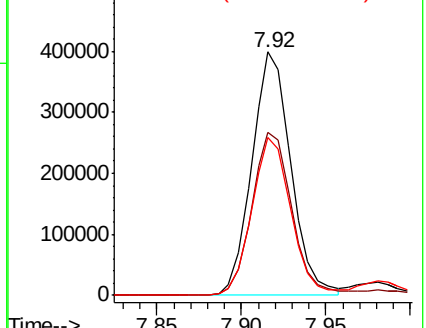
77 64.8 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-813) (-)

Ion 108.00 (107.70 to 108.70): BM019093.D (-813) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-813) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.192 ng

RT: 8.20 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

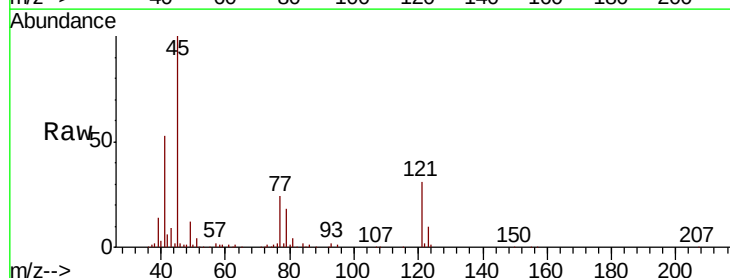
Tgt Ion: 45 Resp: 627059

Ion Ratio Lower Upper

45 100

77 24.1 4.1 44.1

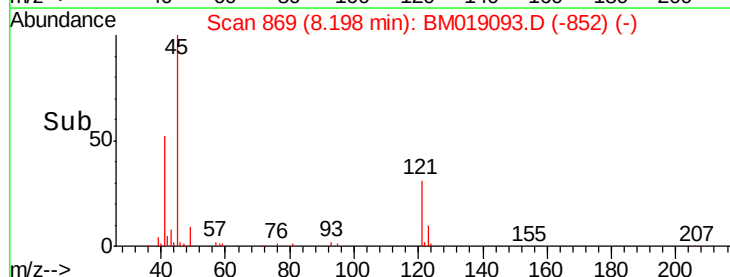
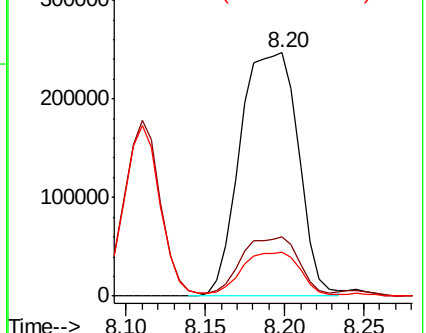
79 18.1 0.0 38.1

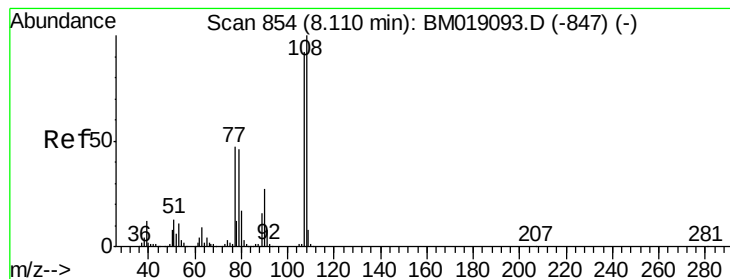


Abundance Ion 45.00 (44.70 to 45.70): BM019093.D (-859) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-859) (-)

Ion 79.00 (78.70 to 79.70): BM019093.D (-859) (-)

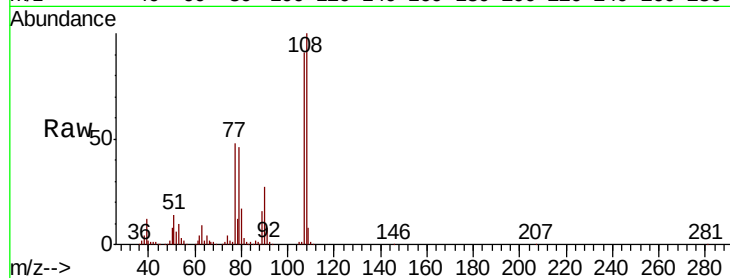




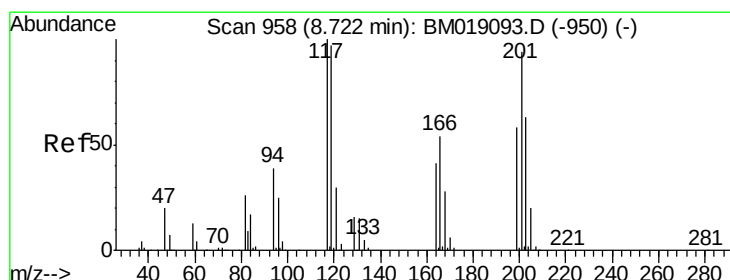
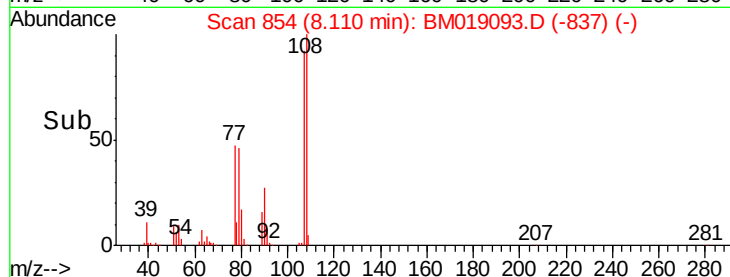
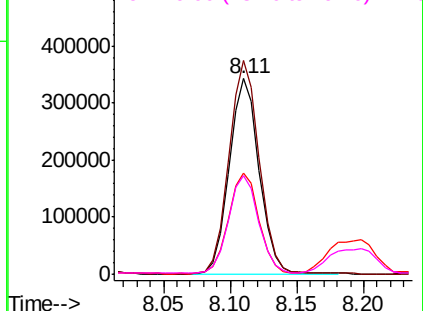
#17
2-Methylphenol
Concen: 43.907 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Instrument :
BNA_M
ClientSampled :

Tot Ion:	107	Resp:	537079
Ion	Ratio	Lower	Upper
107	100		
108	109.3	87.4	131.2
77	52.0	41.6	62.4
79	50.7	40.6	60.8

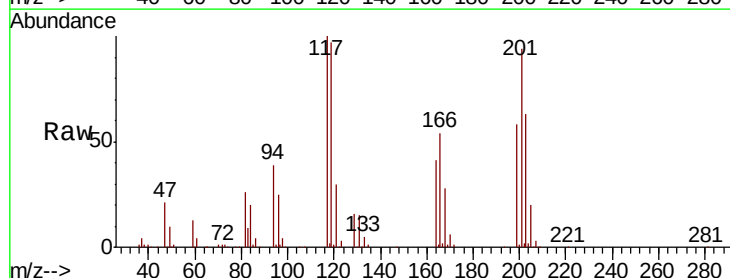


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

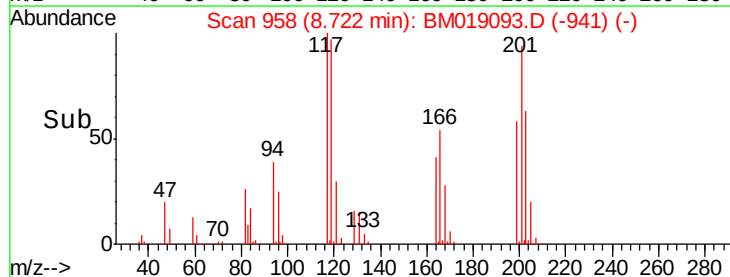
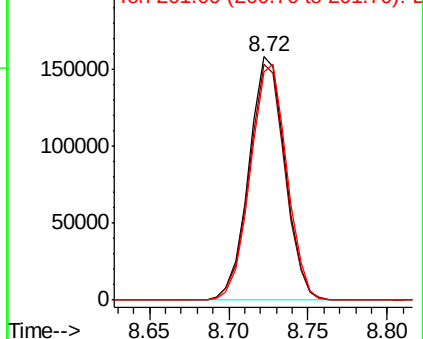


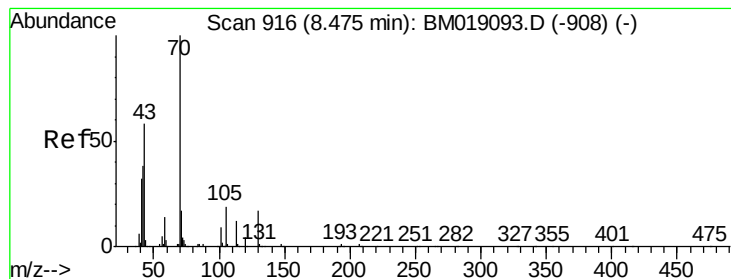
#18
Hexachloroethane
Concen: 42.152 ng
RT: 8.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Tgt Ion:	117	Resp:	250746
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.4	116.2
201	94.0	75.2	112.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.896 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 634938

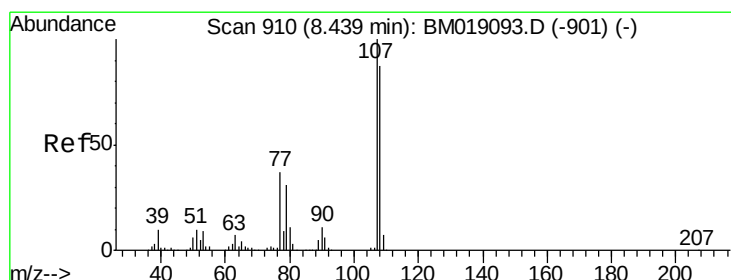
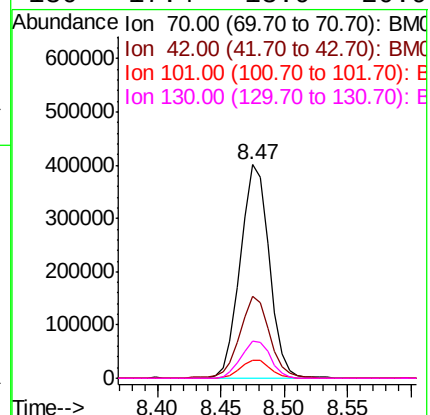
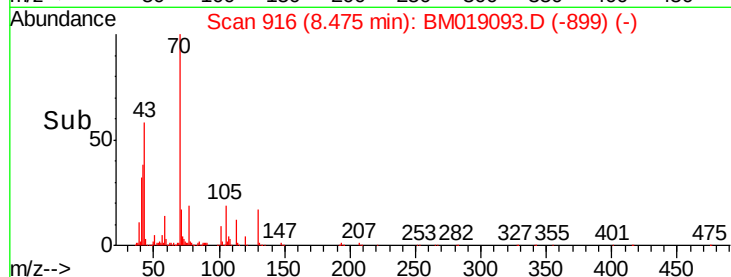
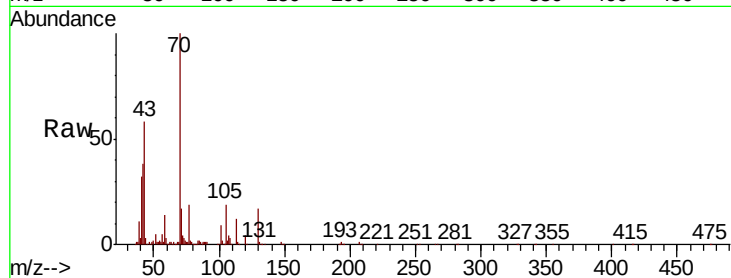
Ion Ratio Lower Upper

70 100

42 38.2 30.6 45.8

101 8.5 6.8 10.2

130 17.4 13.9 20.9



#20

3+4-Methylphenols

Concen: 43.978 ng

RT: 8.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Tgt Ion: 107 Resp: 742827

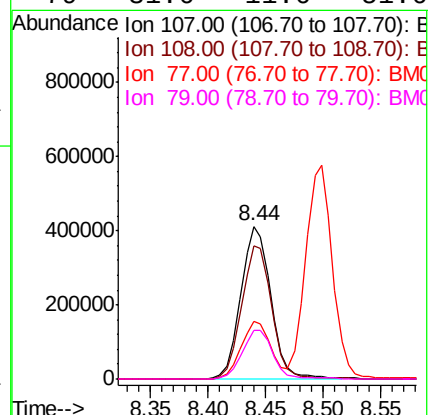
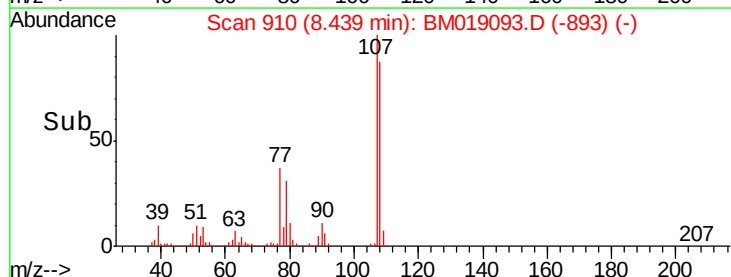
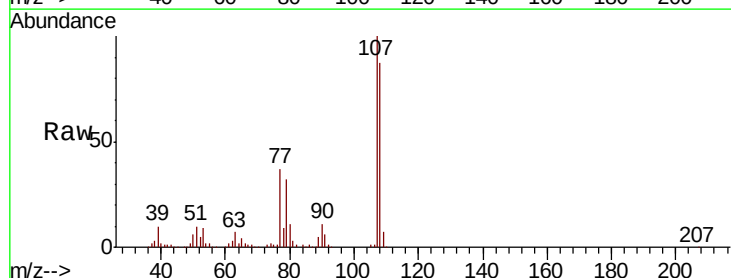
Ion Ratio Lower Upper

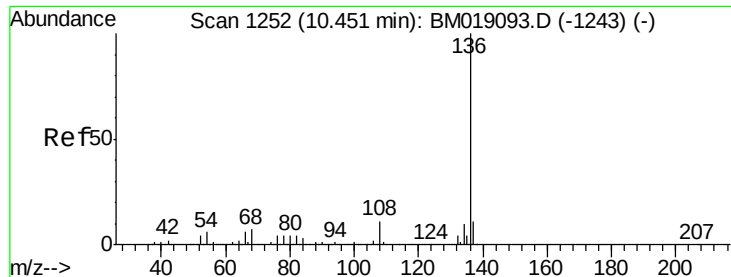
107 100

108 87.0 67.0 107.0

77 37.3 17.3 57.3

79 31.6 11.6 51.6

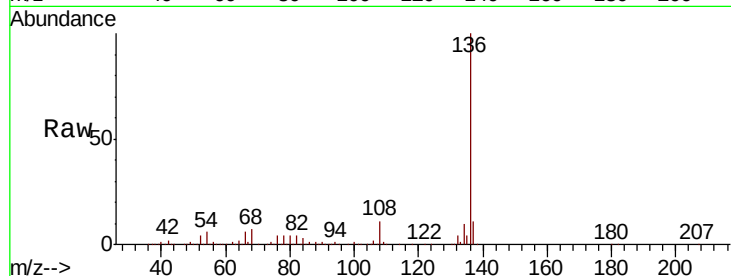




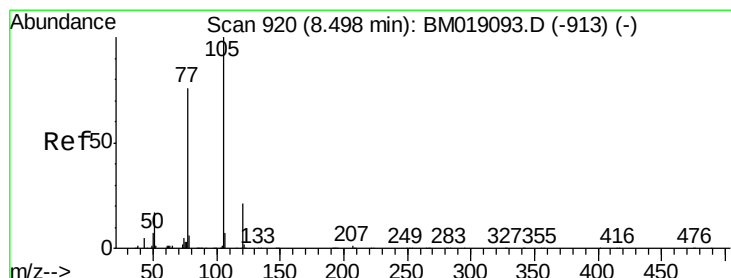
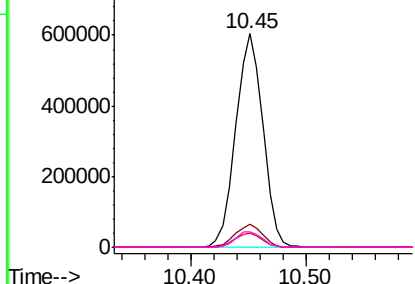
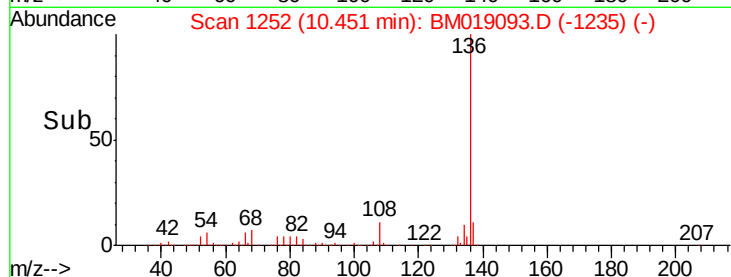
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 983429
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 6.5	5.2 7.8
68 7.3	5.8 8.8

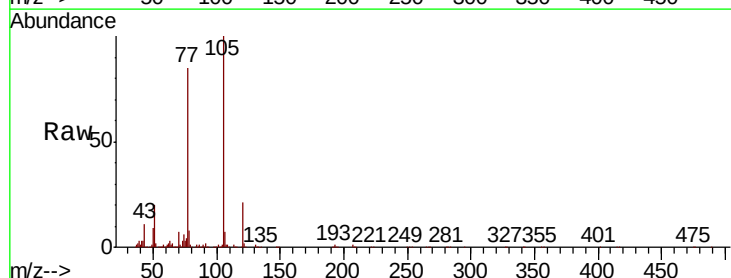


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

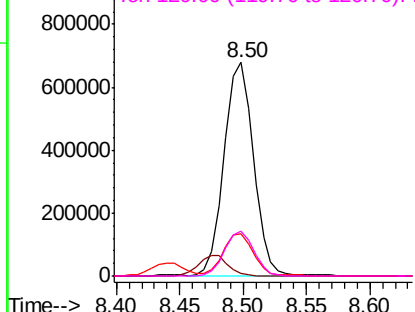
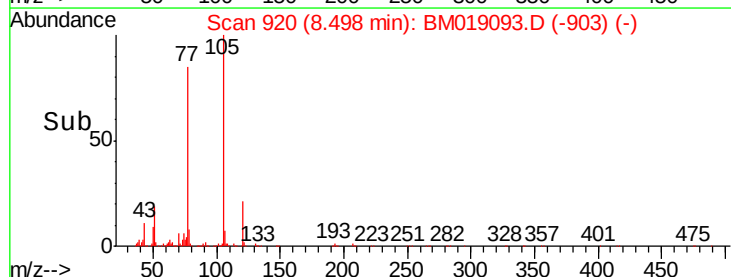


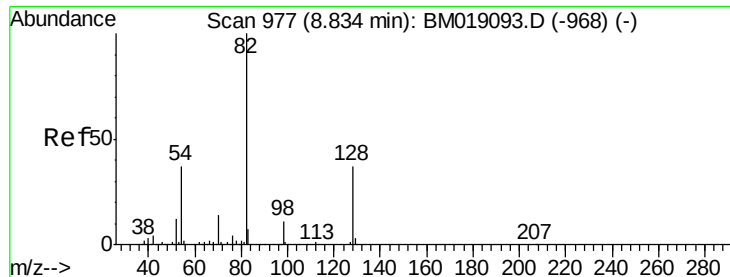
#22
Acetophenone
Concen: 40.328 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Tgt	Ion:105	Resp:	1089124
Ion	Ratio	Lower	Upper
105	100		
71	1.0	0.8	1.2
51	19.7	15.8	23.6
120	21.2	17.0	25.4



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

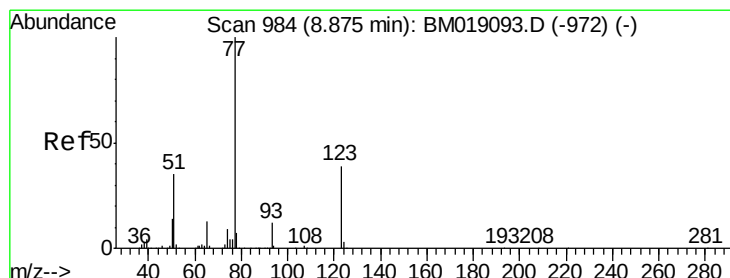
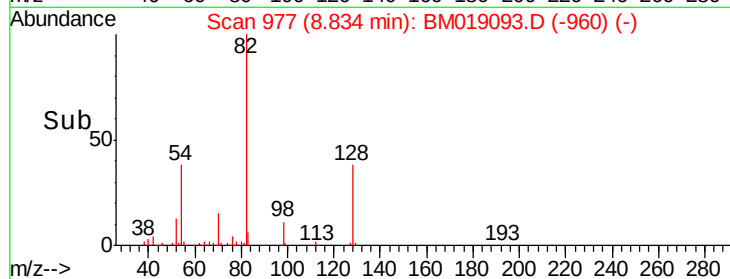
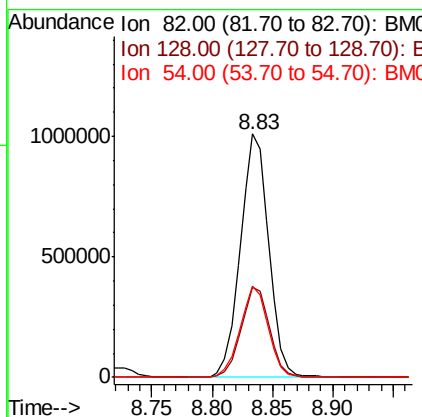
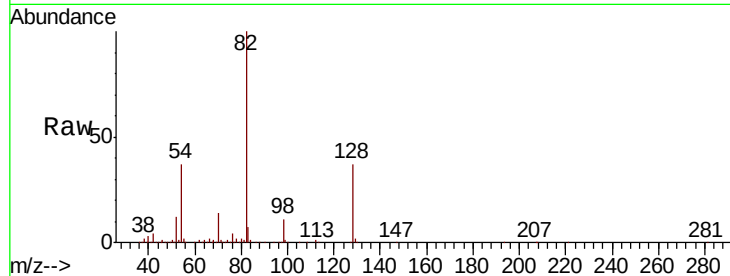




#23
 Nitrobenzene-d5
 Concen: 77.930 ng
 RT: 8.83 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BM019093.D
 Acq: 11 Mar 2019 14:44

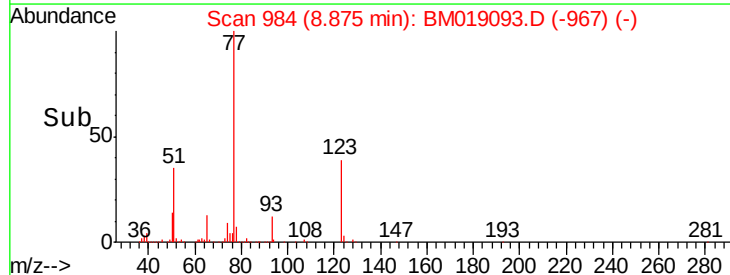
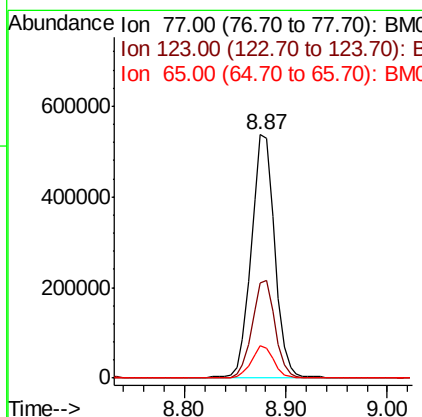
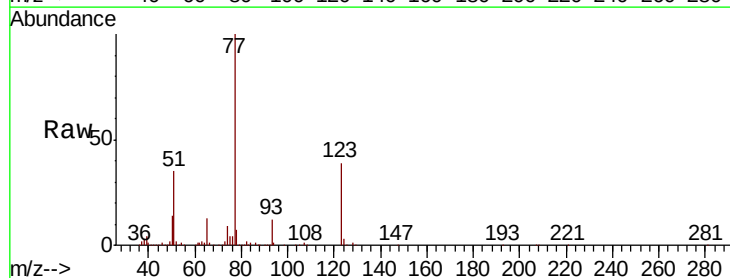
Instrument :
 BNA_M
 ClientSampleId :

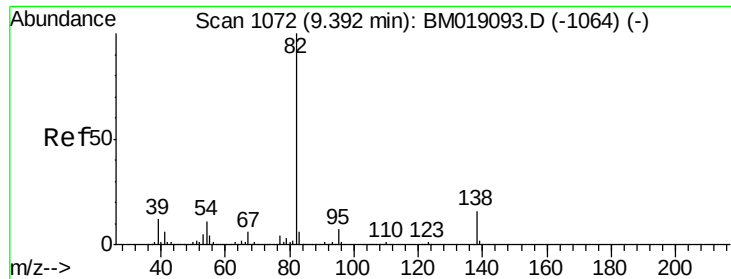
Tot Ion: 82 Resp: 1657455
 Ion Ratio Lower Upper
 82 100
 128 36.8 29.4 44.2
 54 37.4 29.9 44.9



#24
 Nitrobenzene
 Concen: 39.111 ng
 RT: 8.87 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BM019093.D
 Acq: 11 Mar 2019 14:44

Tgt Ion: 77 Resp: 863451
 Ion Ratio Lower Upper
 77 100
 123 39.1 31.3 46.9
 65 13.1 10.5 15.7





#25

Isophorone

Concen: 46.762 ng

RT: 9.39 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

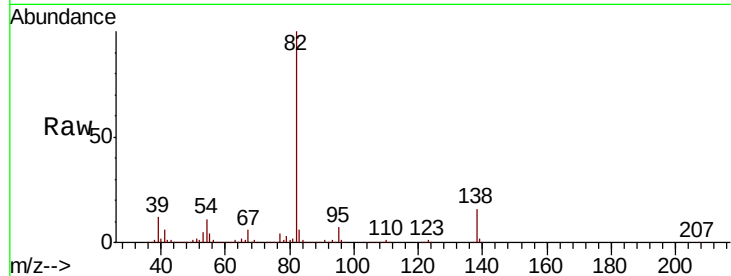
Tot Ion: 82 Resp: 1586936

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

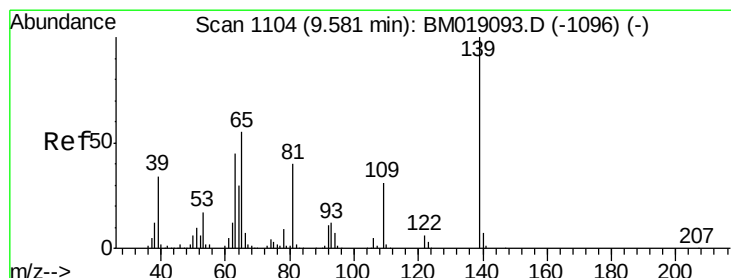
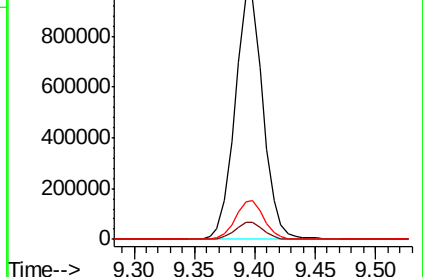
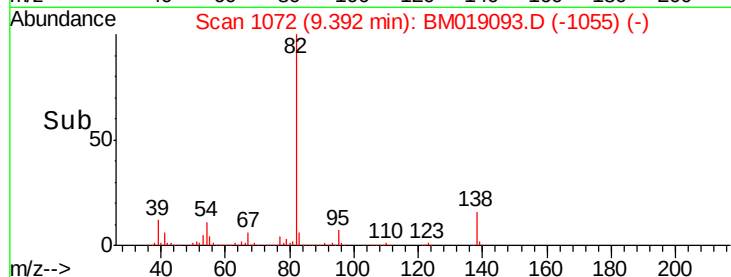
138 15.7 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM019093.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM019093.D (-1064) (-)



#26

2-Nitrophenol

Concen: 42.426 ng

RT: 9.58 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

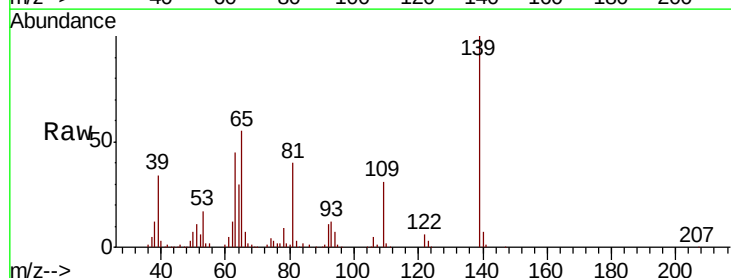
Tgt Ion: 139 Resp: 372998

Ion Ratio Lower Upper

139 100

109 30.6 24.5 36.7

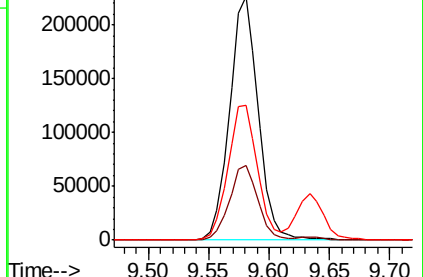
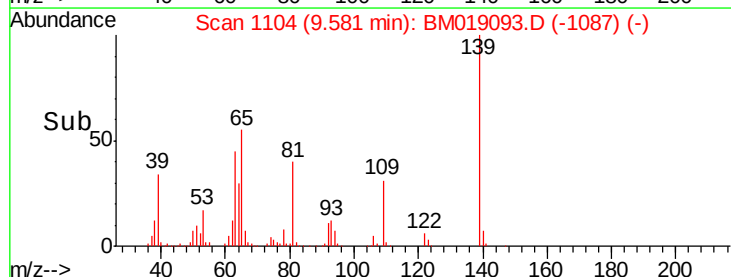
65 55.5 44.4 66.6

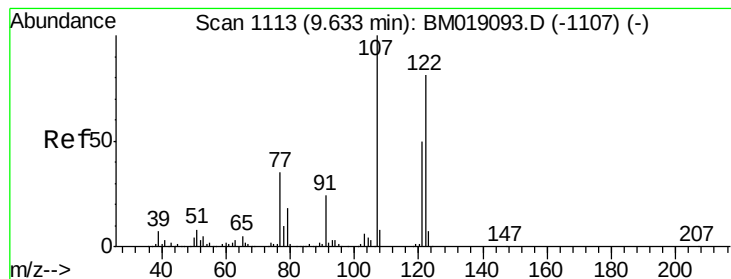


Abundance Ion 139.00 (138.70 to 139.70): BM019093.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BM019093.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-1096) (-)

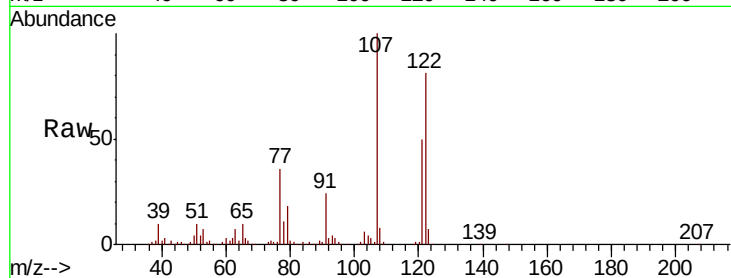




#27
2,4-Dimethylphenol
Concen: 41.508 ng
RT: 9.63 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.8	98.2	147.4
121	61.0	48.8	73.2

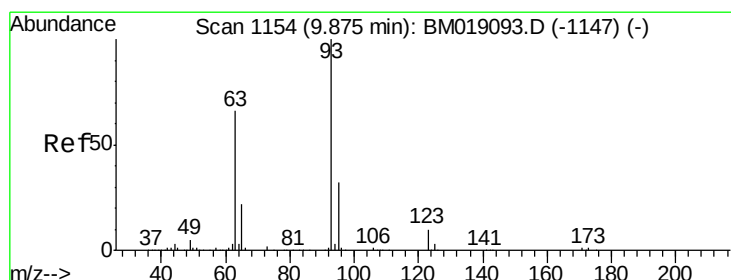
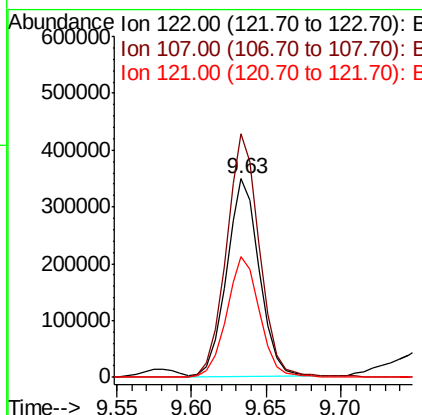
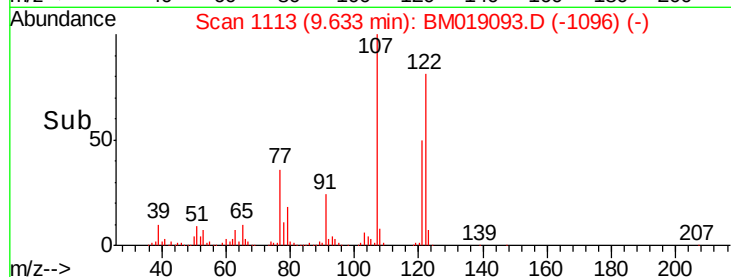


Abundance

Ion 122.00 (121.70 to 122.70): E

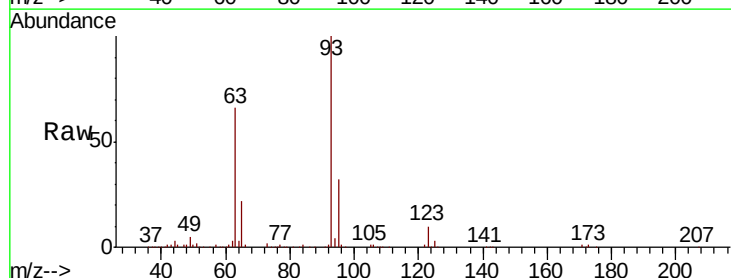
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 42.696 ng
RT: 9.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.8
123	9.9	7.9	11.9

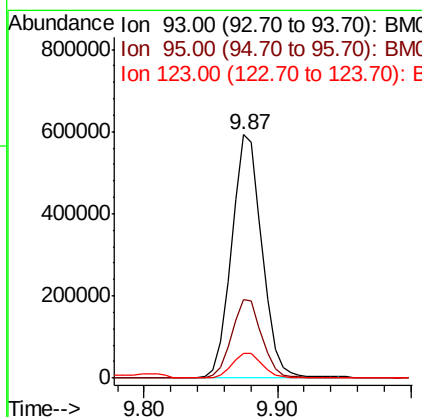
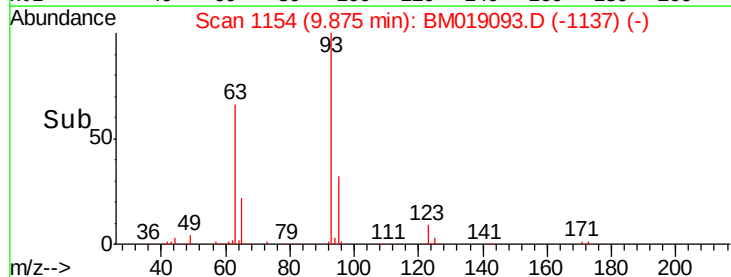


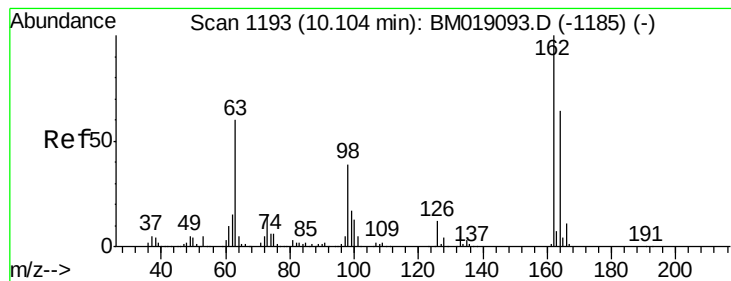
Abundance

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: 40.952 ng

RT: 10.10 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

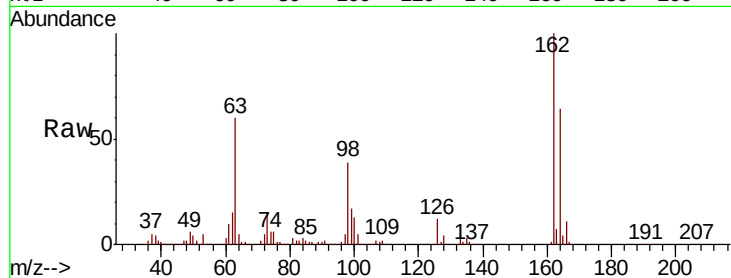
Tot Ion:162 Resp: 603811

Ion Ratio Lower Upper

162 100

164 63.5 43.5 83.5

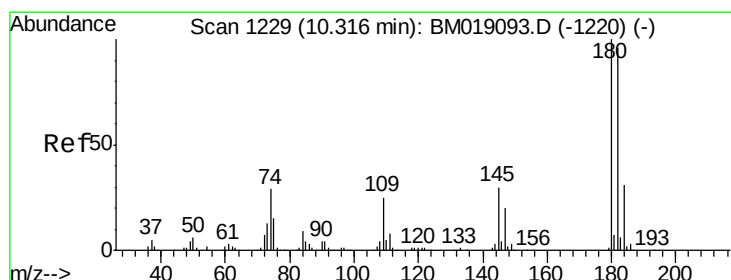
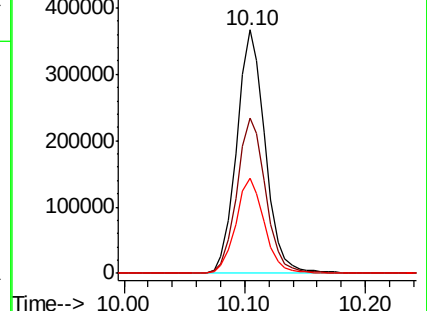
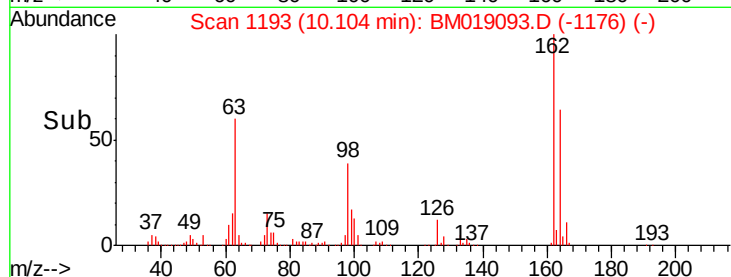
98 39.1 19.1 59.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 38.141 ng

RT: 10.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

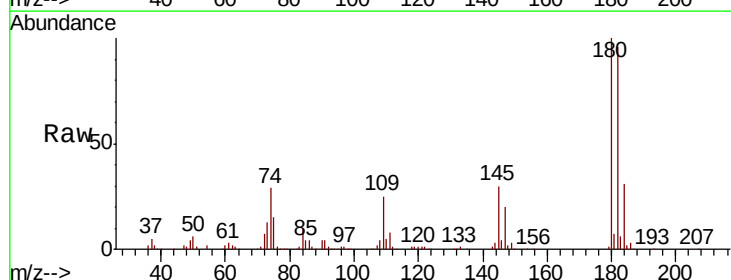
Tgt Ion:180 Resp: 649450

Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

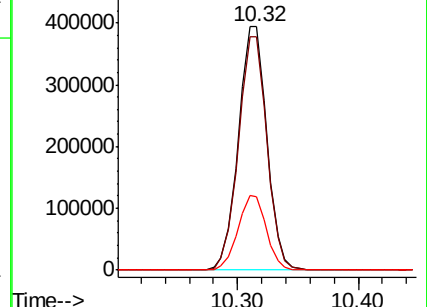
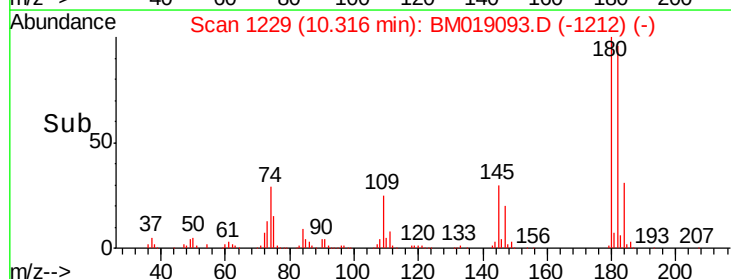
145 30.4 24.3 36.5

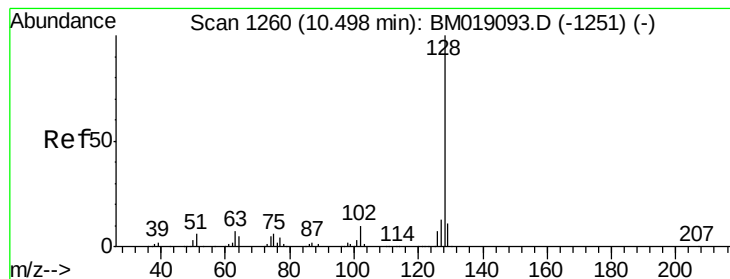


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.110 ng

RT: 10.50 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

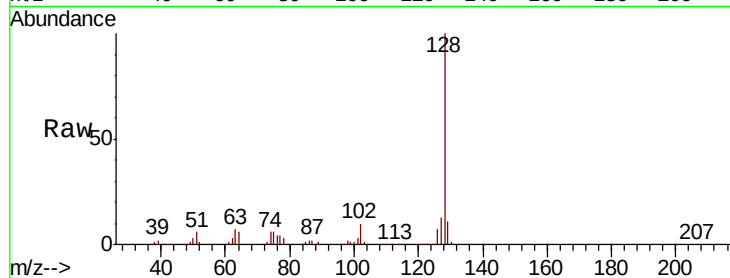
Tot Ion:128 Resp: 2019698

Ion Ratio Lower Upper

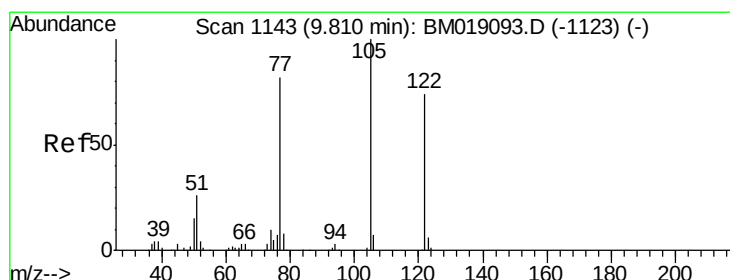
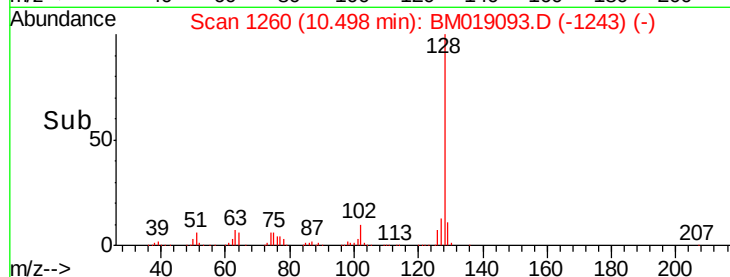
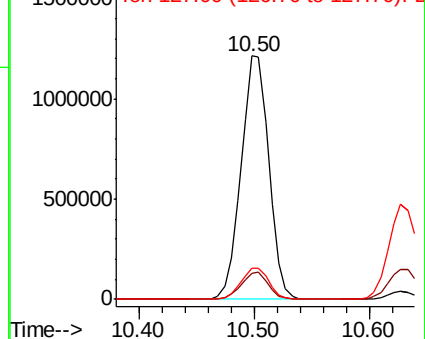
128 100

129 10.8 8.6 13.0

127 13.0 10.4 15.6



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



#32

Benzoic acid

Concen: 35.922 ng

RT: 9.81 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

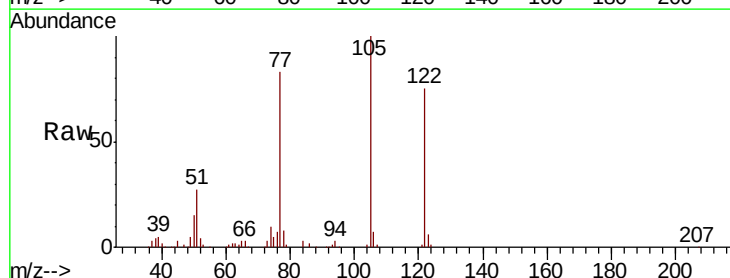
Tgt Ion:122 Resp: 402367

Ion Ratio Lower Upper

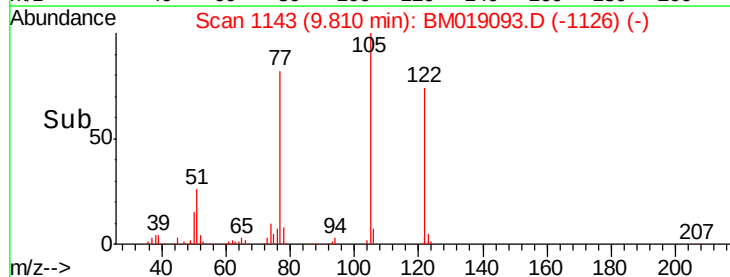
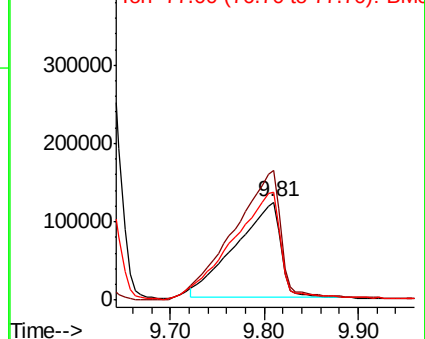
122 100

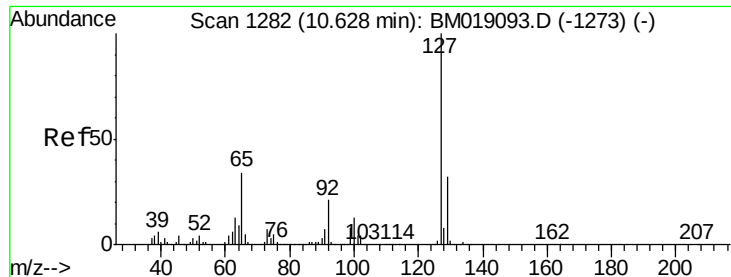
105 133.0 113.0 153.0

77 110.1 90.1 130.1



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

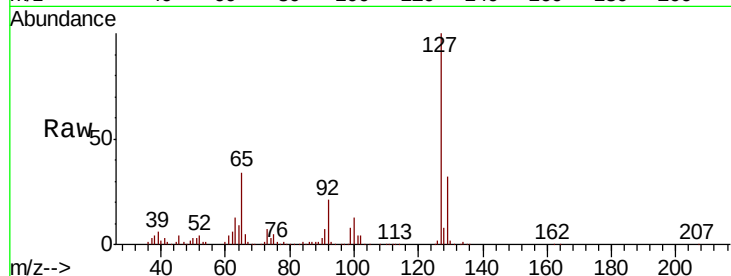




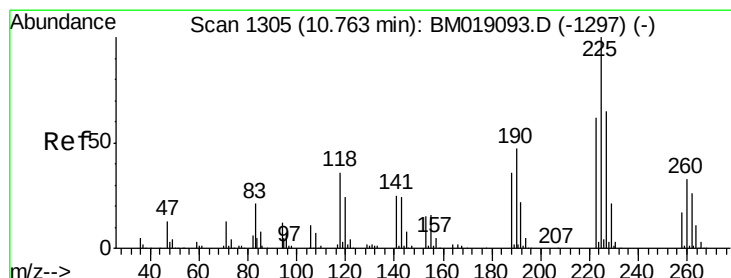
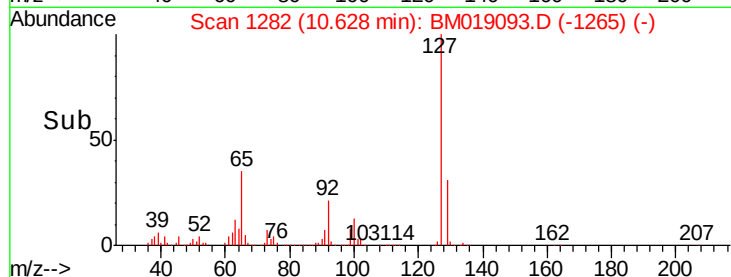
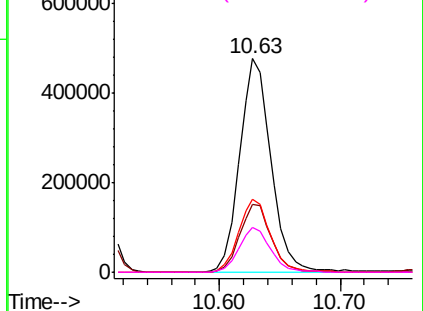
#33
4-Chloroaniline
Concen: 40.094 ng
RT: 10.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	859609
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.3	37.9
65	34.3	27.4	41.2
92	21.0	16.8	25.2

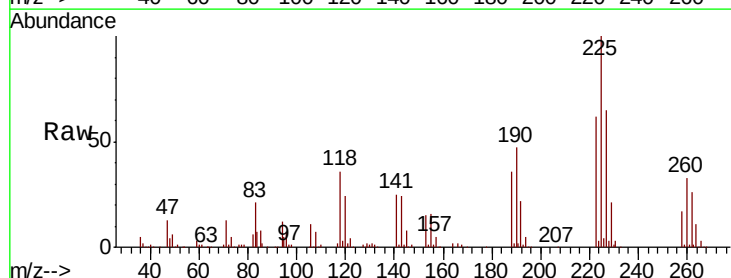


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

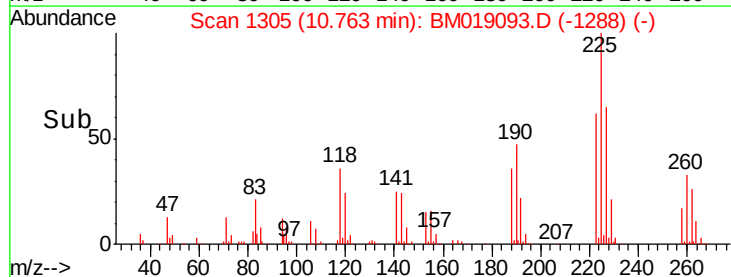
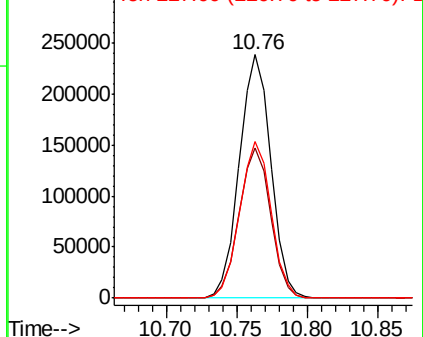


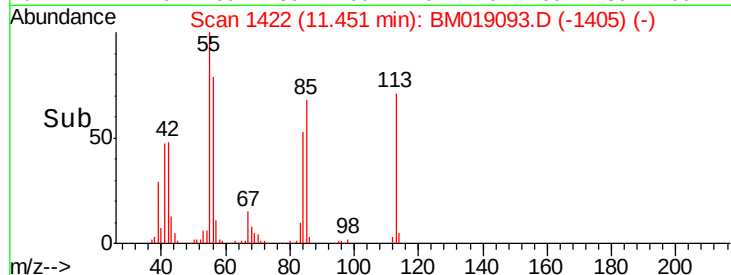
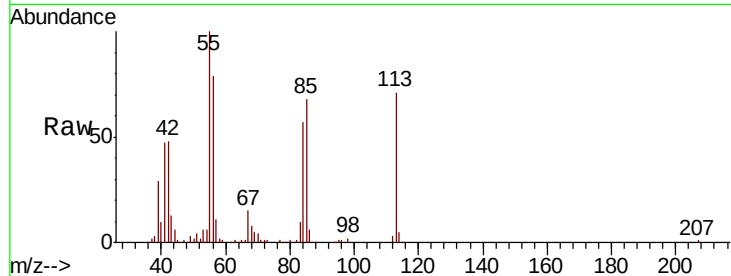
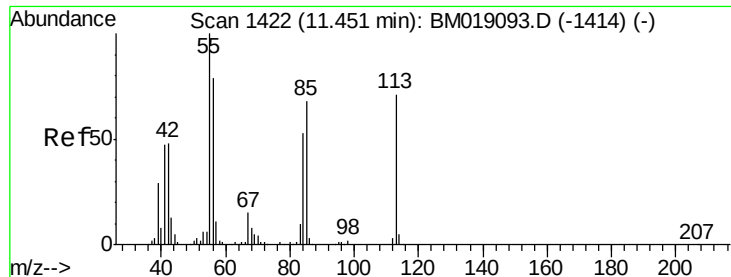
#34
Hexachlorobutadiene
Concen: 37.766 ng
RT: 10.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Tgt Ion:	225	Resp:	373263
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.4	74.0
227	64.5	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

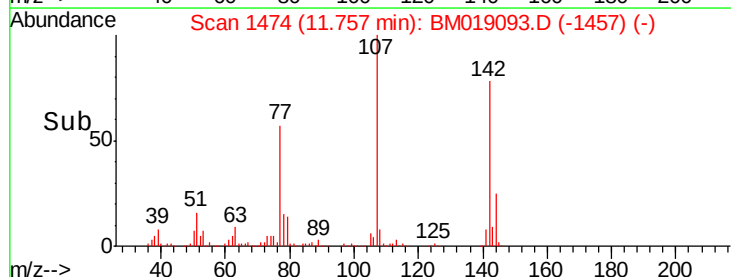
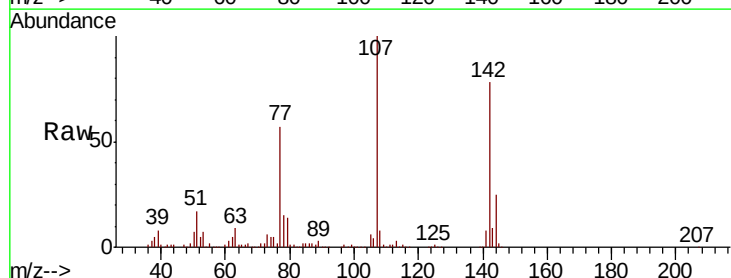
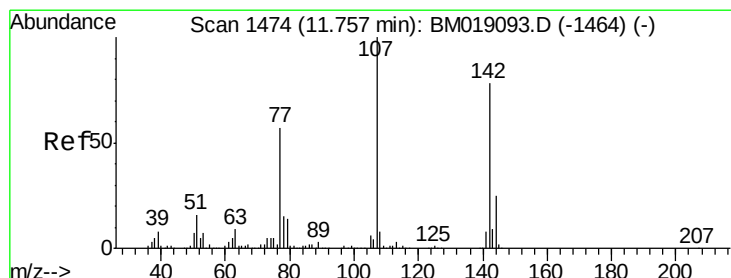
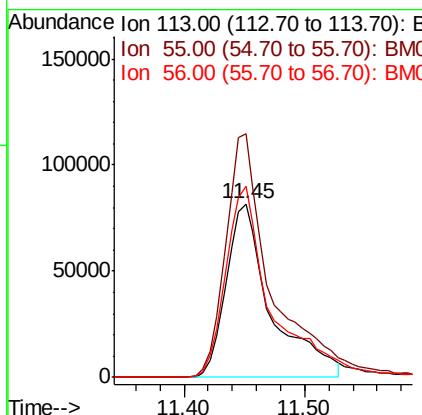




#35
 Caprolactam
 Concen: 35.130 ng
 RT: 11.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BM019093.D
 Acq: 11 Mar 2019 14:44

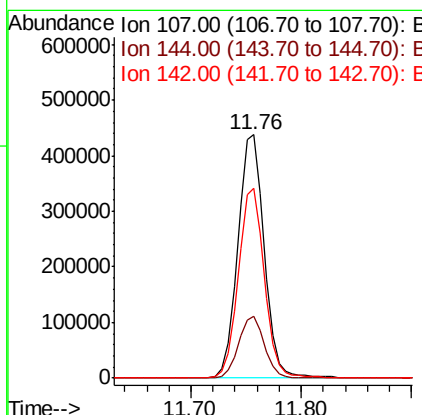
Instrument :
 BNA_M
 ClientSampleId :

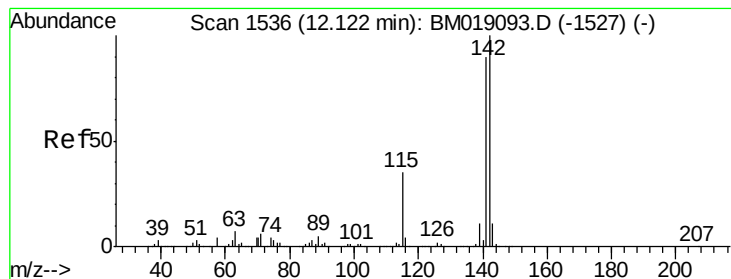
Tot Ion:113 Resp: 211395
 Ion Ratio Lower Upper
 113 100
 55 140.1 120.1 160.1
 56 110.1 90.1 130.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.355 ng
 RT: 11.76 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BM019093.D
 Acq: 11 Mar 2019 14:44

Tgt Ion:107 Resp: 735168
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.2 30.4
 142 78.0 62.4 93.6





#37

2-Methylnaphthalene

Concen: 43.455 ng

RT: 12.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

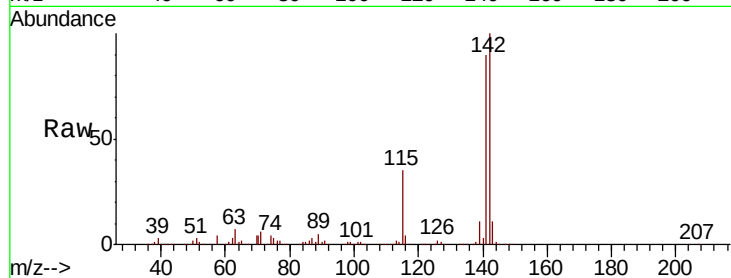
Tot Ion:142 Resp: 1467424

Ion Ratio Lower Upper

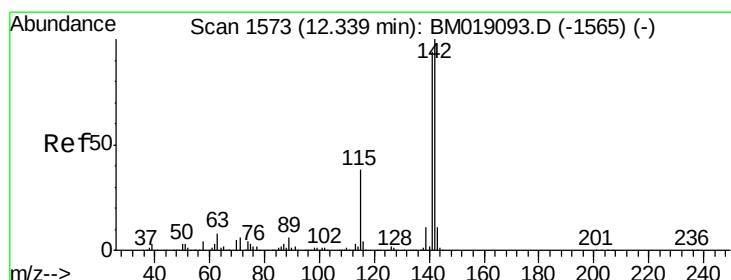
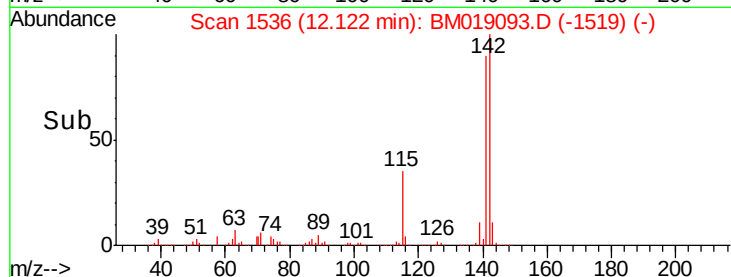
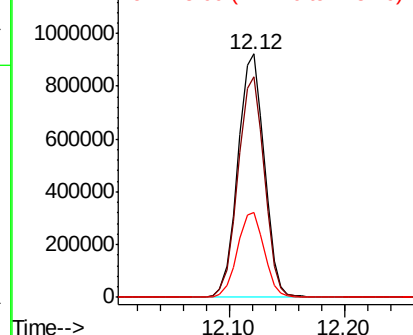
142 100

141 90.4 72.3 108.5

115 34.8 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: 44.062 ng

RT: 12.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

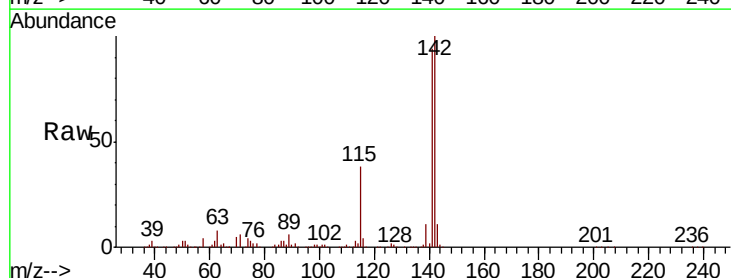
Tgt Ion:142 Resp: 1454985

Ion Ratio Lower Upper

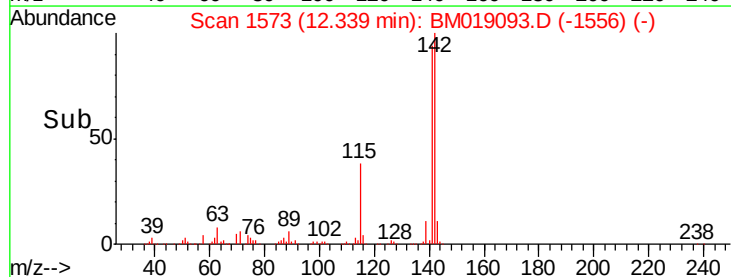
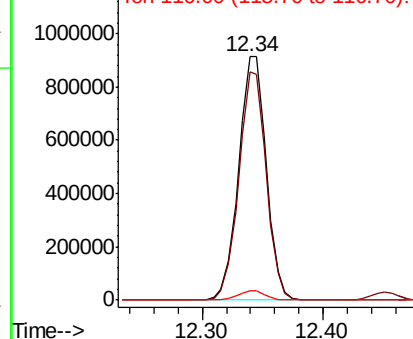
142 100

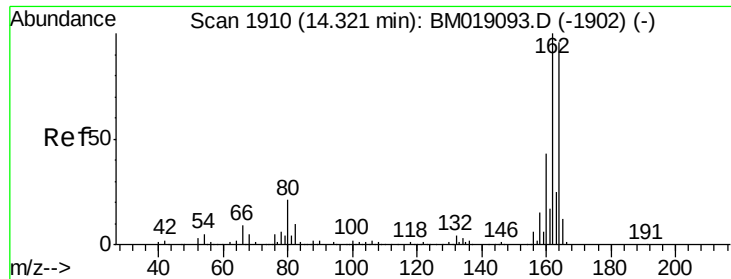
141 93.6 74.9 112.3

116 4.0 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

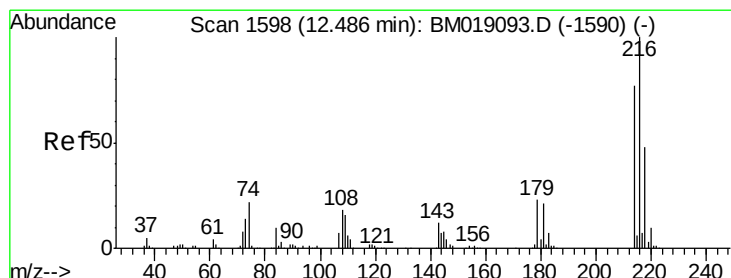
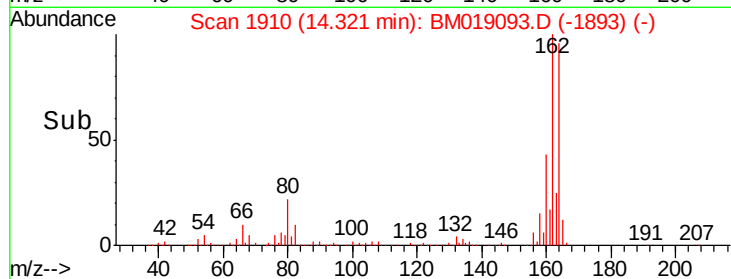
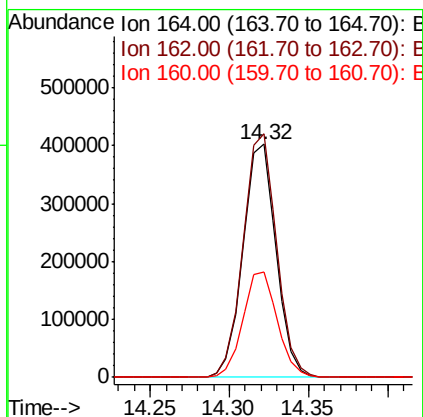
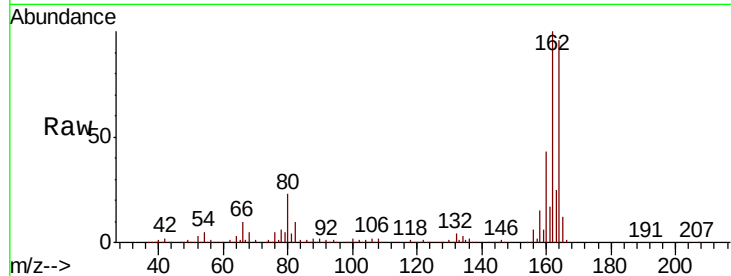




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

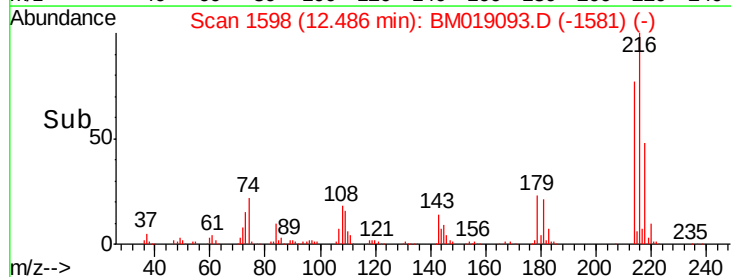
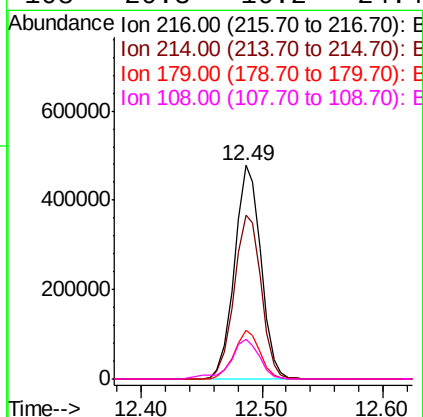
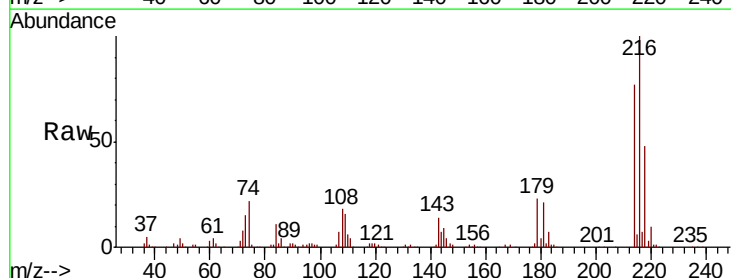
Instrument :
BNA_M
ClientSampleId :

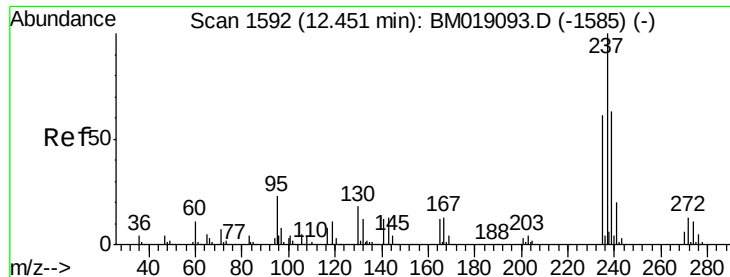
Tot Ion:164 Resp: 583801
Ion Ratio Lower Upper
164 100
162 104.4 83.5 125.3
160 45.4 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.003 ng
RT: 12.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Tgt Ion:216 Resp: 728397
Ion Ratio Lower Upper
216 100
214 78.5 62.9 94.3
179 22.5 18.0 27.0
108 20.3 16.2 24.4





#41

Hexachlorocyclopentadiene

Concen: 35.383 ng

RT: 12.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

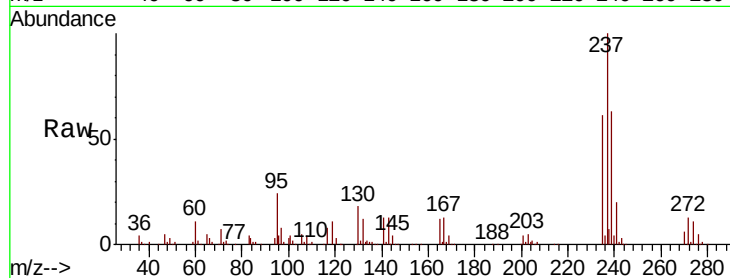
Tot Ion:237 Resp: 337838

Ion Ratio Lower Upper

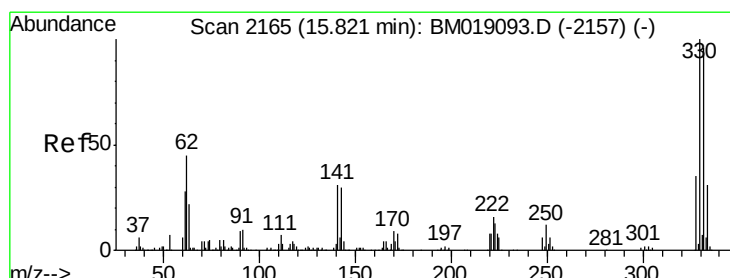
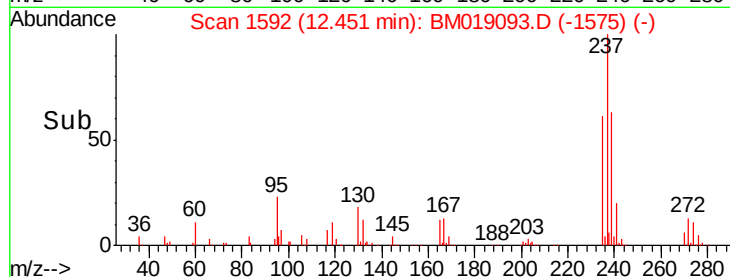
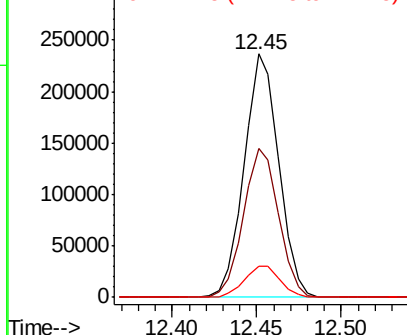
237 100

235 61.3 41.3 81.3

272 13.1 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: 82.806 ng

RT: 15.82 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

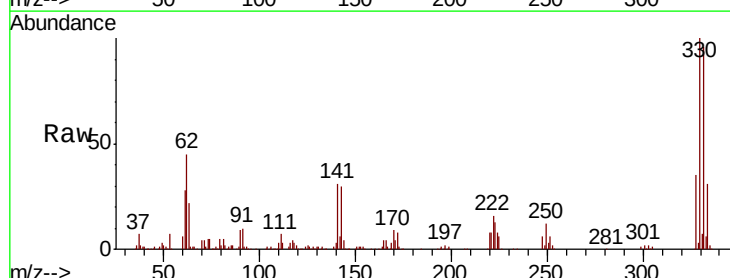
Tgt Ion:330 Resp: 696838

Ion Ratio Lower Upper

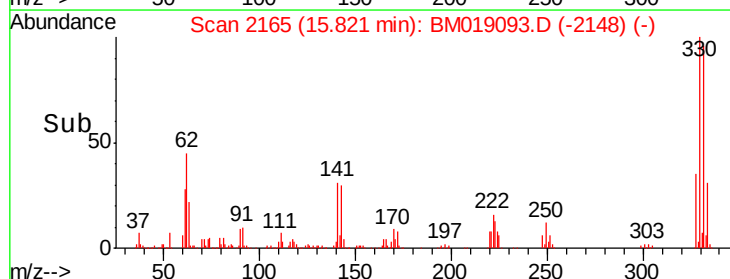
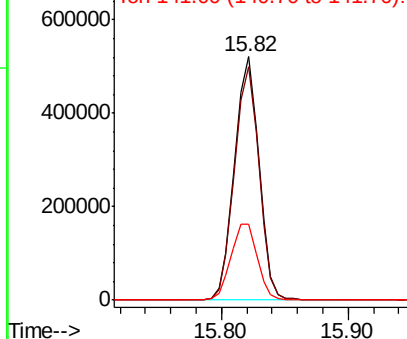
330 100

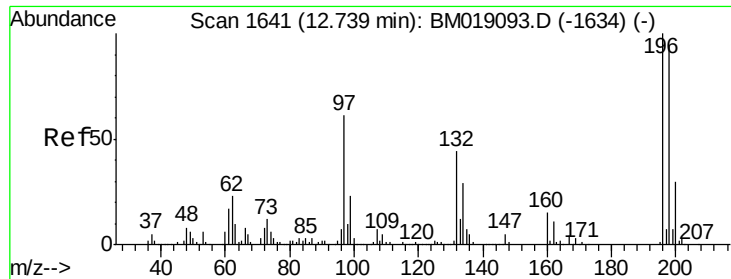
332 96.0 76.8 115.2

141 33.7 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

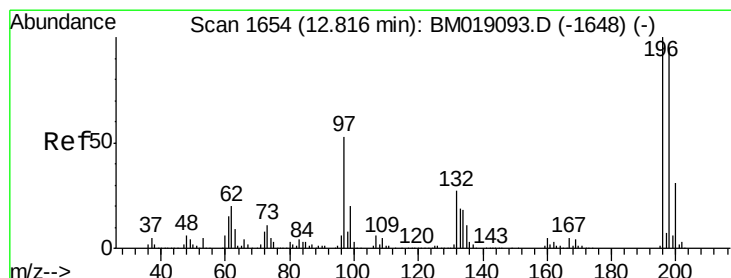
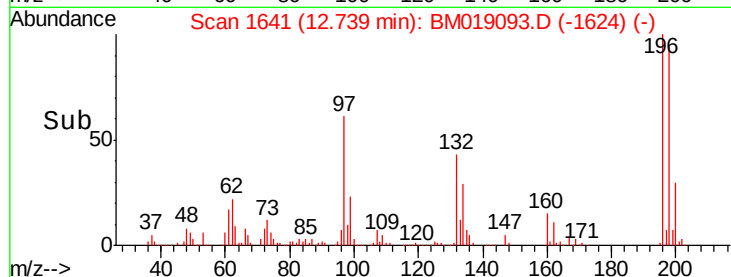
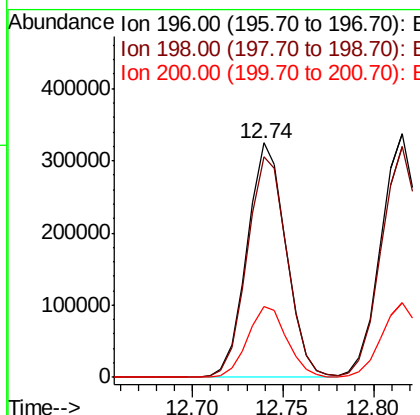
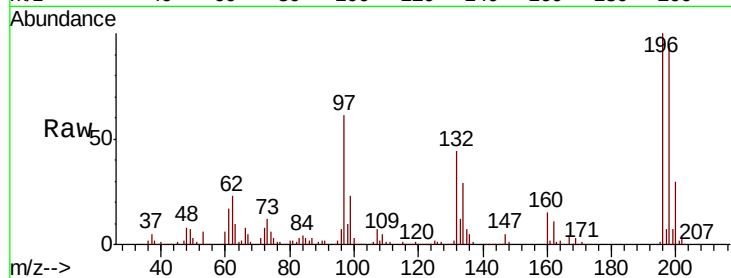




#43
 2,4,6-Trichlorophenol
 Concen: 39.267 ng
 RT: 12.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BM019093.D
 Acq: 11 Mar 2019 14:44

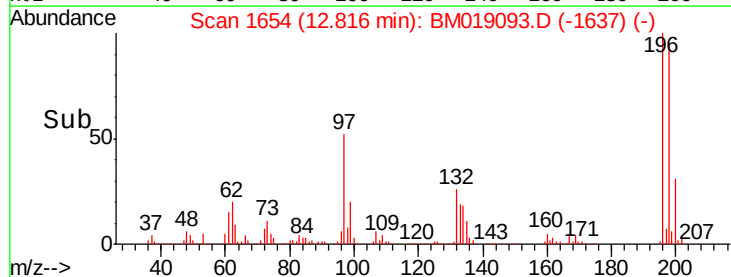
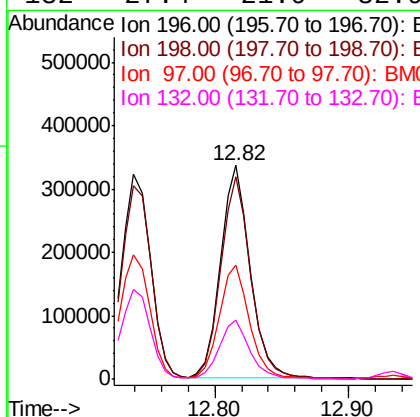
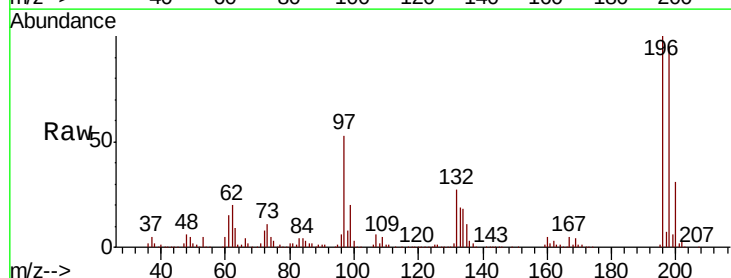
Instrument :
 BNA_M
 ClientSampleId :

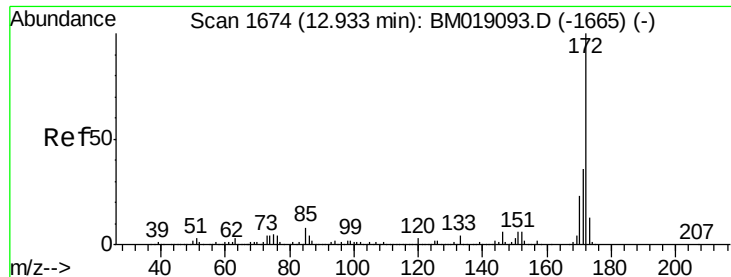
Tot Ion:196 Resp: 485459
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.4 113.0
 200 30.2 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 40.404 ng
 RT: 12.82 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BM019093.D
 Acq: 11 Mar 2019 14:44

Tgt Ion:196 Resp: 523556
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.9 113.9
 97 53.1 42.5 63.7
 132 27.4 21.9 32.9

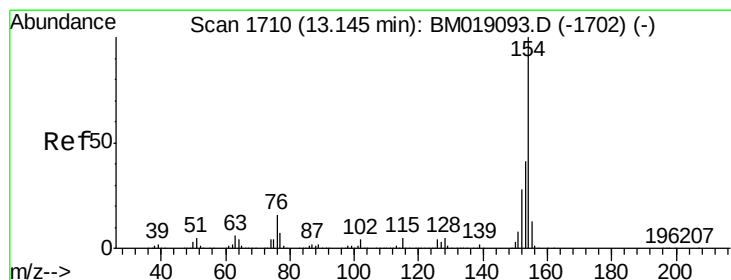
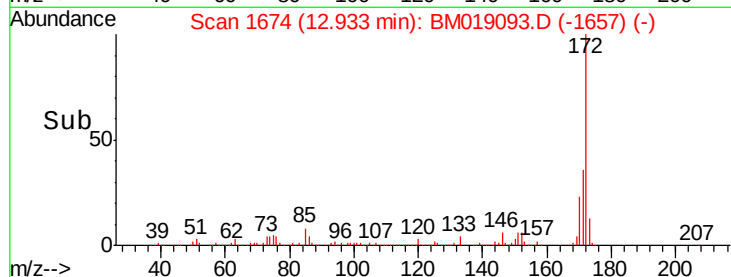
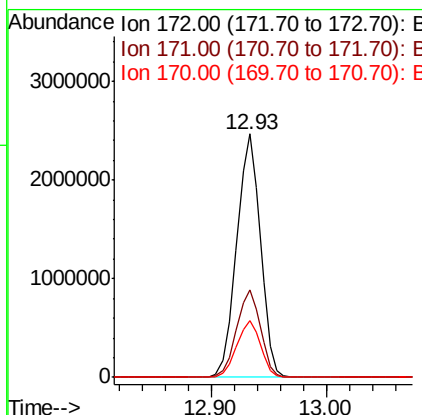
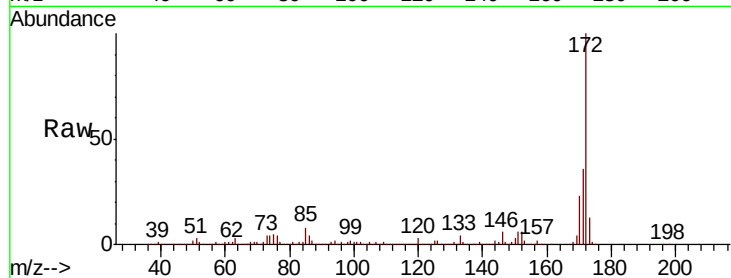




#45
2-Fluorobiphenyl
Concen: 79.795 ng
RT: 12.93 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

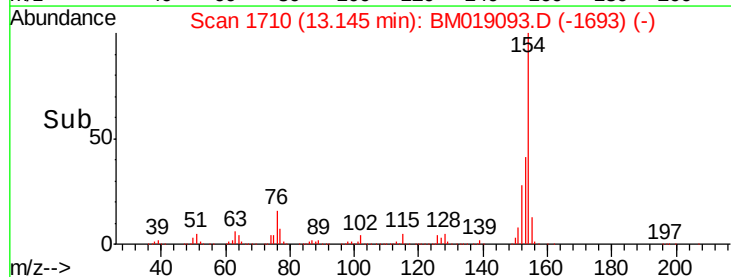
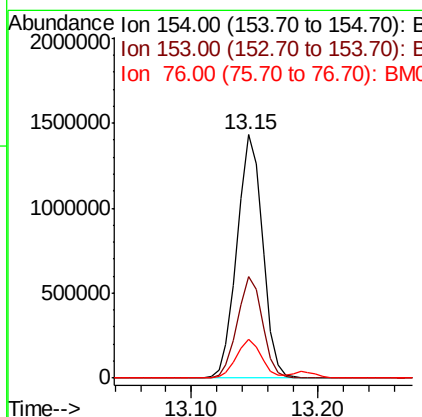
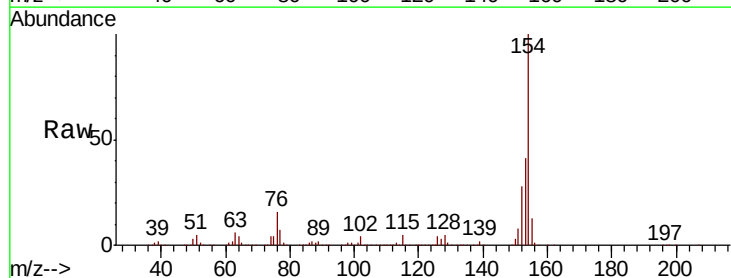
Instrument :
BNA_M
ClientSampleId :

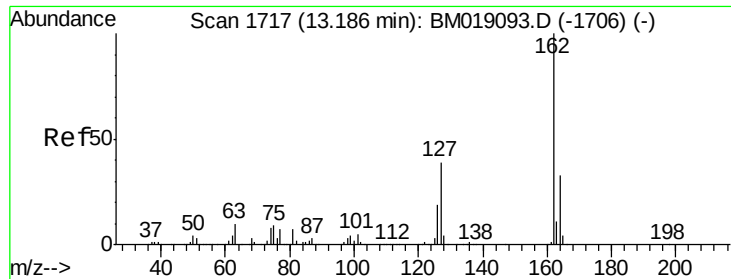
Tot Ion:172 Resp: 3509237
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 39.779 ng
RT: 13.15 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Tgt Ion:154 Resp: 1999001
Ion Ratio Lower Upper
154 100
153 41.5 21.5 61.5
76 15.8 0.0 35.8

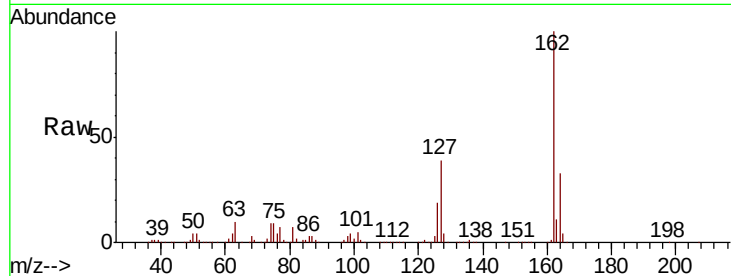




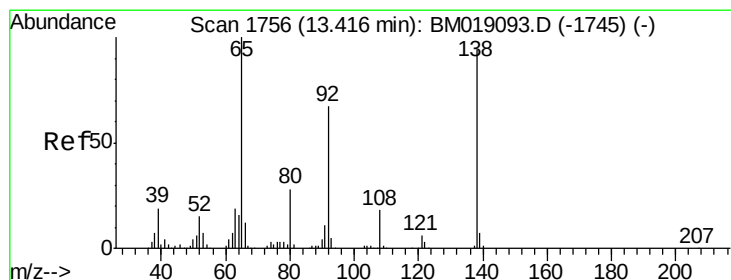
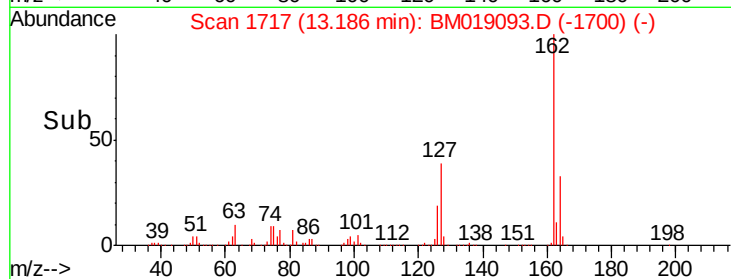
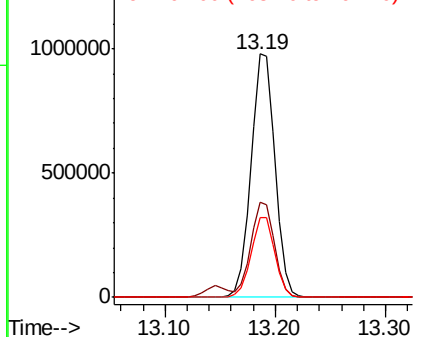
#47
2-Chloronaphthalene
Concen: 38.508 ng
RT: 13.19 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 1494663
Ion Ratio Lower Upper
162 100
127 39.0 31.2 46.8
164 32.9 26.3 39.5

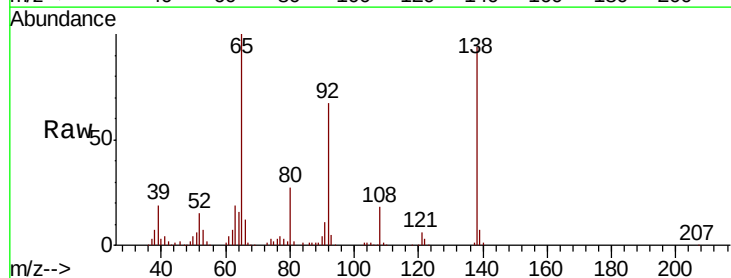


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

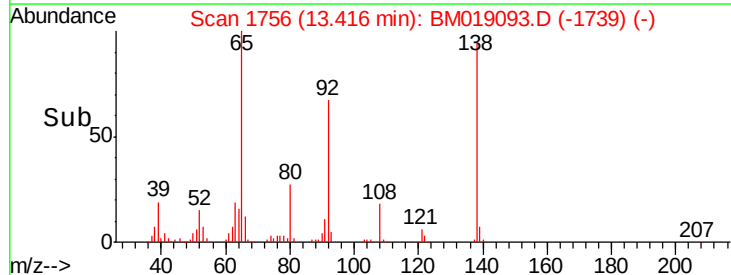
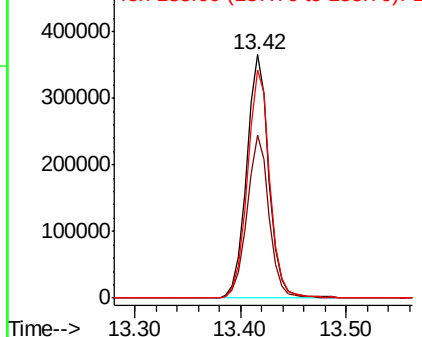


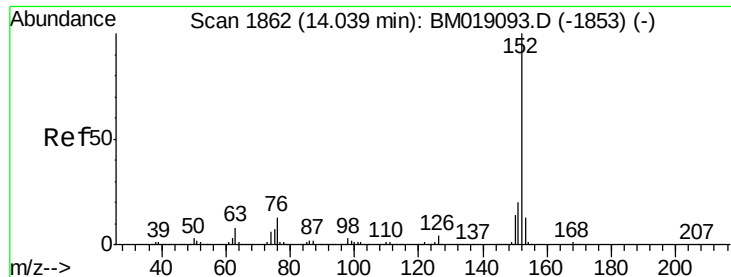
#48
2-Nitroaniline
Concen: 41.580 ng
RT: 13.42 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Tgt Ion: 65 Resp: 536008
Ion Ratio Lower Upper
65 100
92 66.8 53.4 80.2
138 93.6 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: 44.112 ng

RT: 14.04 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

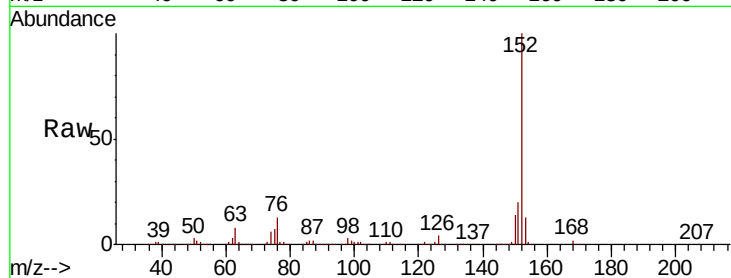
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 2549445

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.2	10.6	15.8

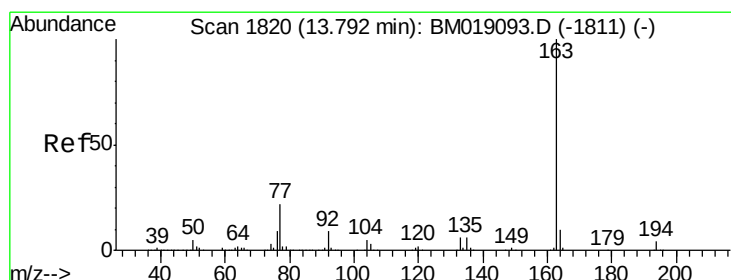
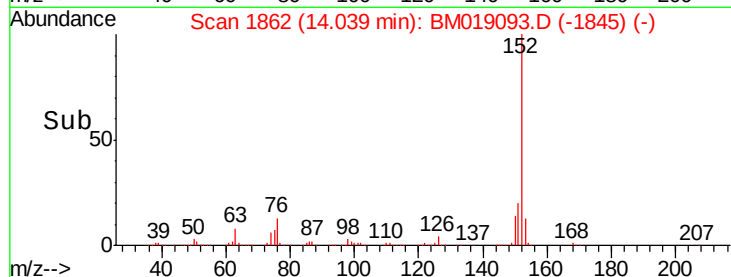
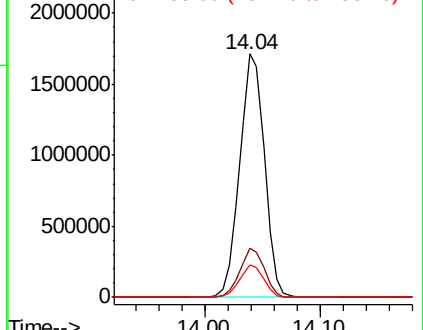


Abundance

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: 40.073 ng

RT: 13.79 min Scan# 1820

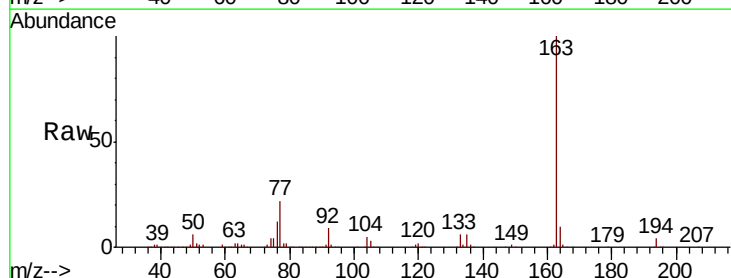
Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Tgt Ion:163 Resp: 1949706

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.6	7.7	11.5

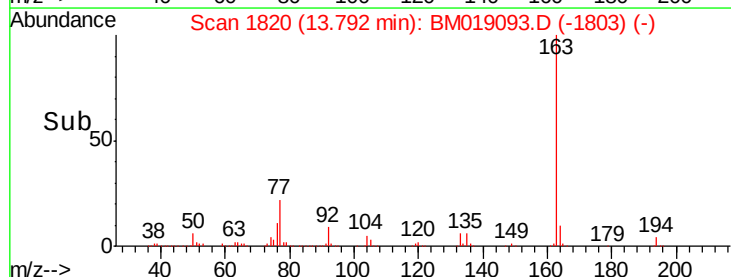
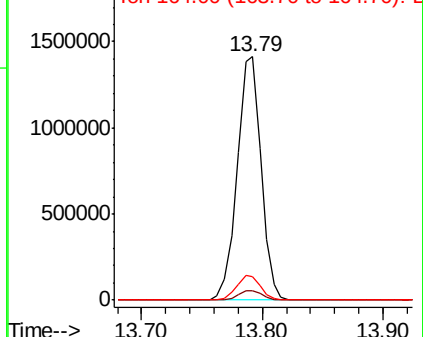


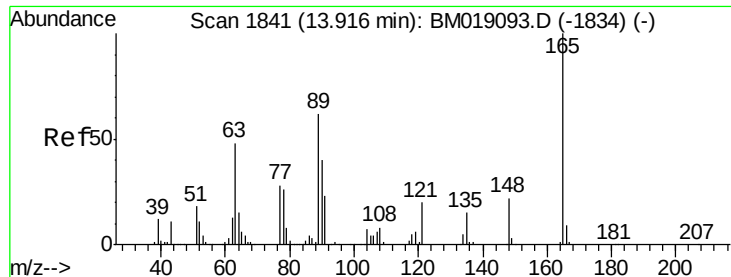
Abundance

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

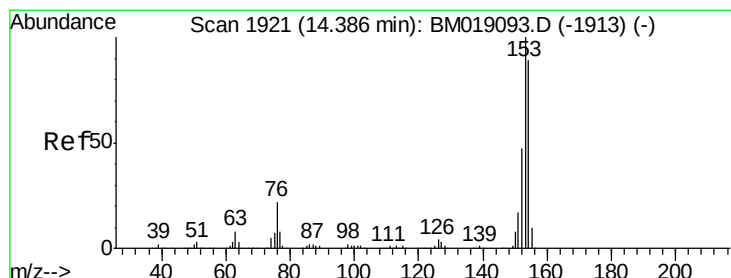
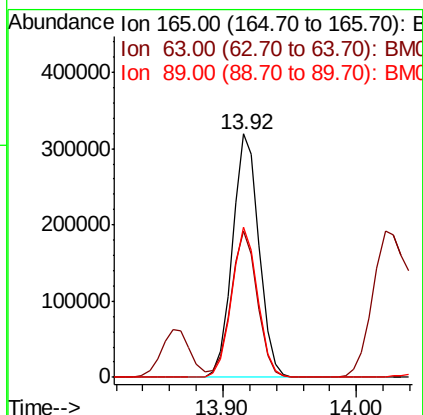
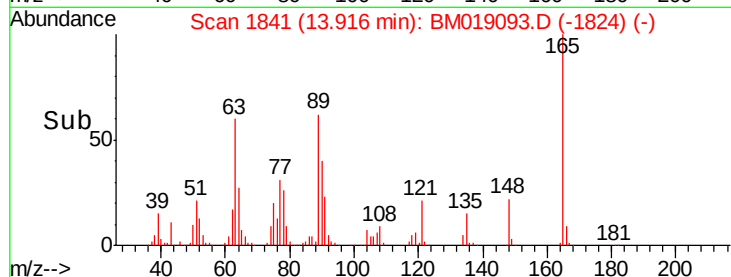
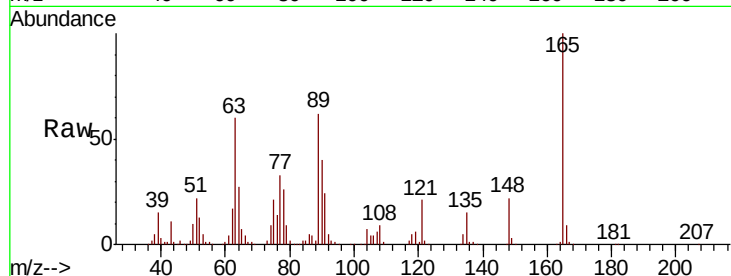




#51
2,6-Dinitrotoluene
Concen: 41.728 ng
RT: 13.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

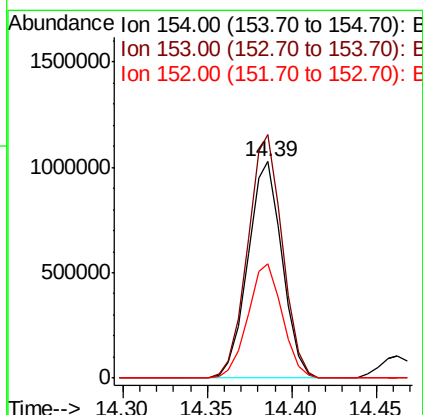
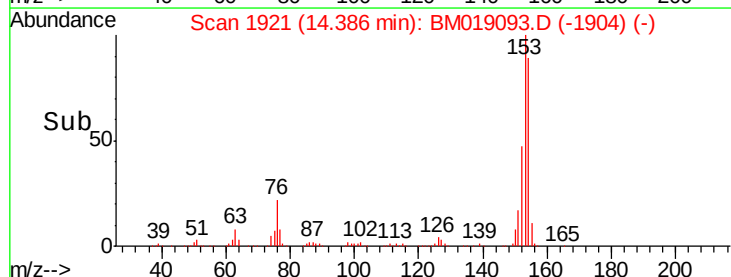
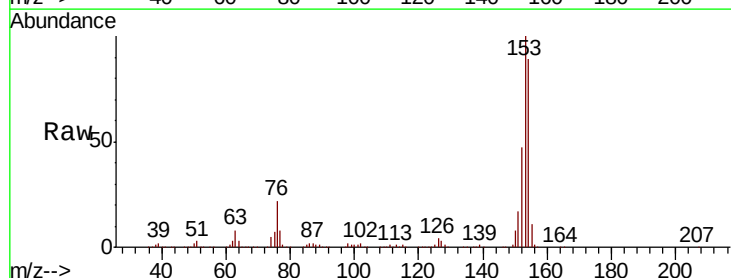
Instrument :
BNA_M
ClientSampleId :

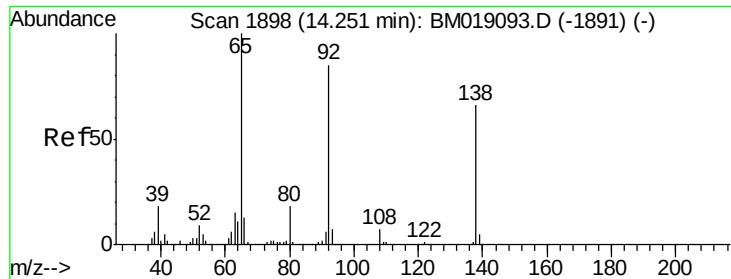
Tot Ion:165 Resp: 439796
Ion Ratio Lower Upper
165 100
63 60.3 48.2 72.4
89 61.6 49.3 73.9



#52
Acenaphthene
Concen: 40.768 ng
RT: 14.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Tgt Ion:154 Resp: 1444760
Ion Ratio Lower Upper
154 100
153 112.6 90.1 135.1
152 53.1 42.5 63.7

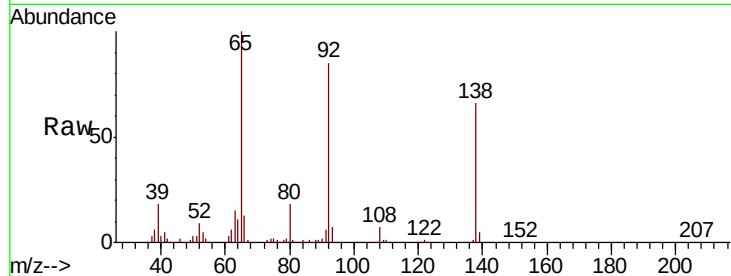




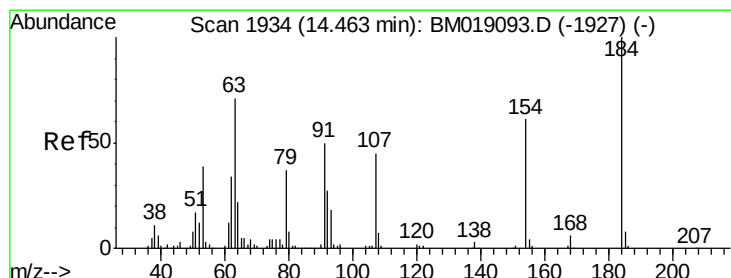
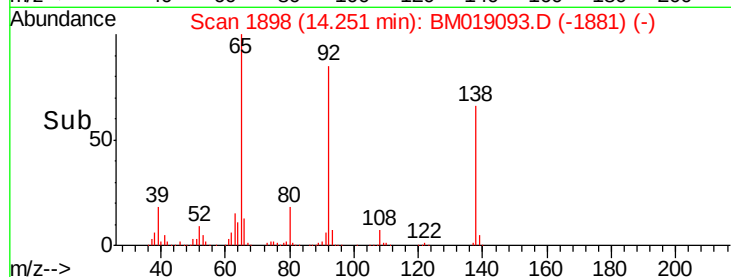
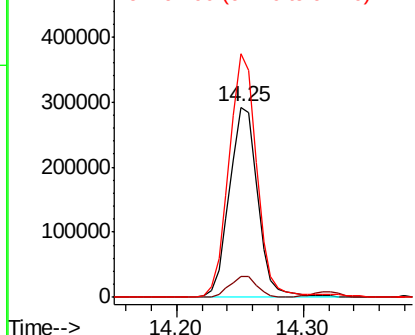
#53
3-Nitroaniline
Concen: 37.957 ng
RT: 14.25 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Instrument :
BNA_M
ClientSampled :

Tot Ion:138 Resp: 452012
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 128.2 102.6 153.8

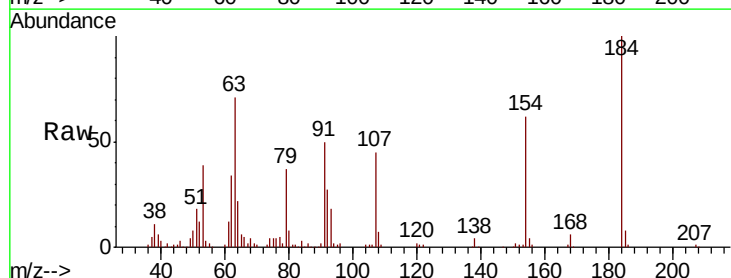


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

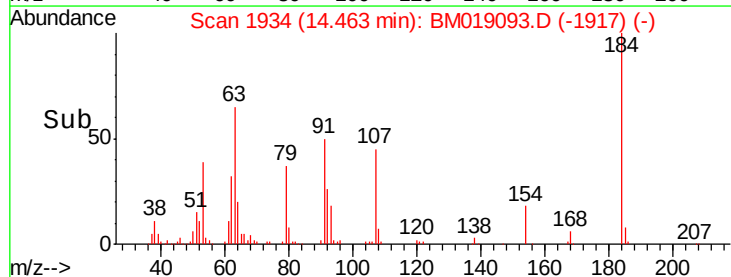
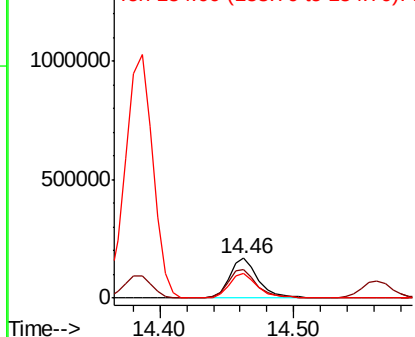


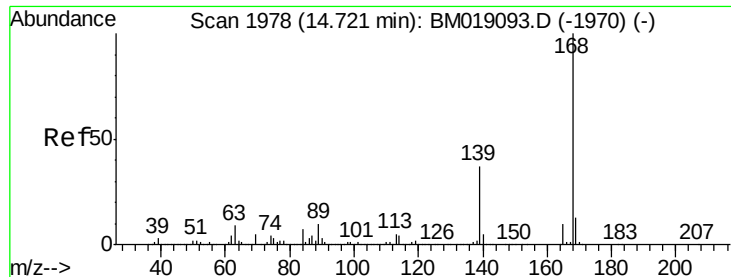
#54
2,4-Dinitrophenol
Concen: 43.458 ng
RT: 14.46 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Tgt Ion:184 Resp: 253083
Ion Ratio Lower Upper
184 100
63 70.9 56.7 85.1
154 61.6 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

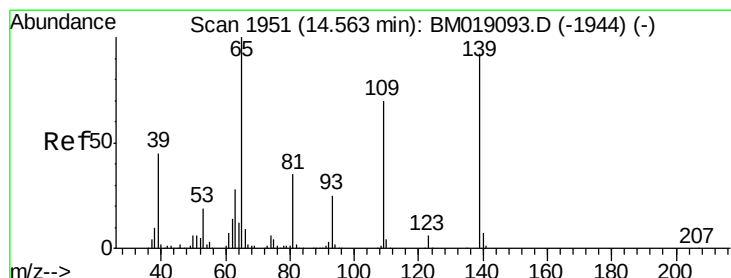
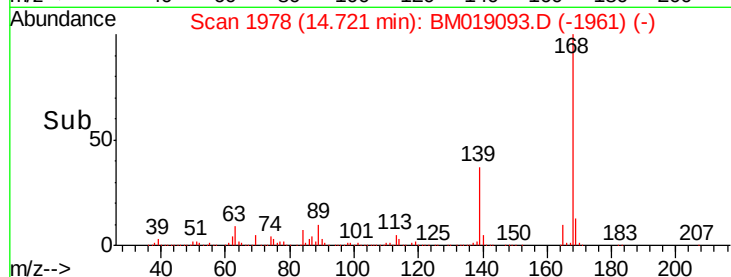
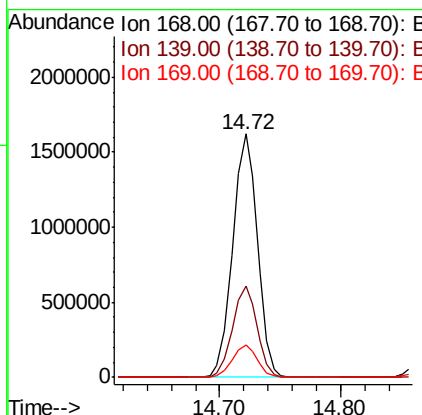
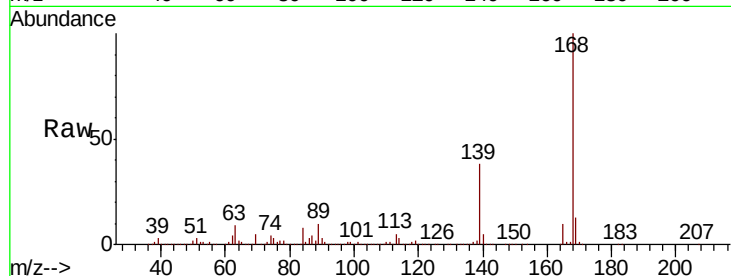




#55
Dibenzenofuran
Concen: 39.764 ng
RT: 14.72 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

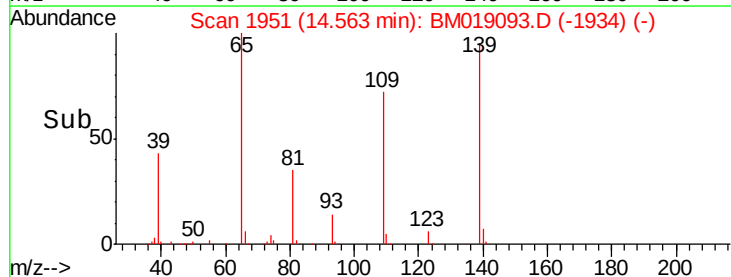
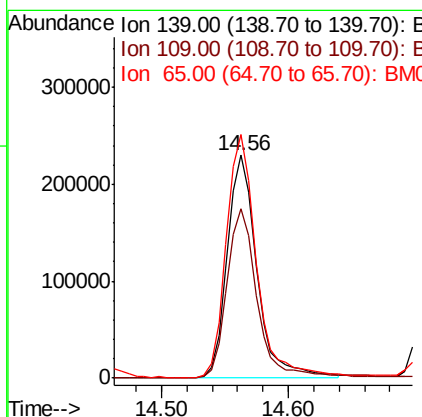
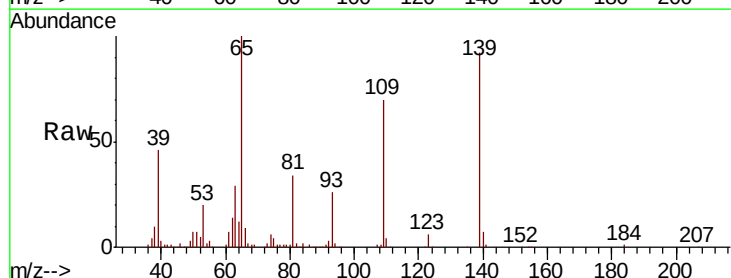
Instrument :
BNA_M
ClientSampleId :

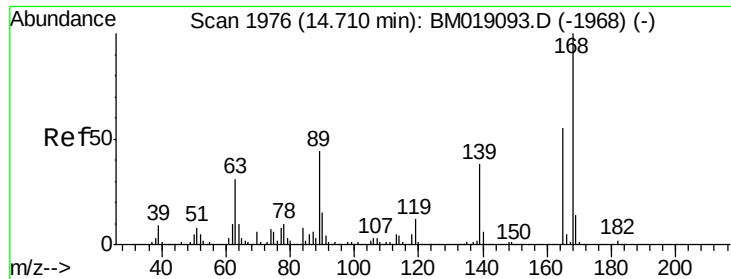
Tot Ion:168 Resp: 2316171
Ion Ratio Lower Upper
168 100
139 37.6 30.1 45.1
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 39.417 ng
RT: 14.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Tgt Ion:139 Resp: 374711
Ion Ratio Lower Upper
139 100
109 76.3 56.3 96.3
65 109.2 89.2 129.2

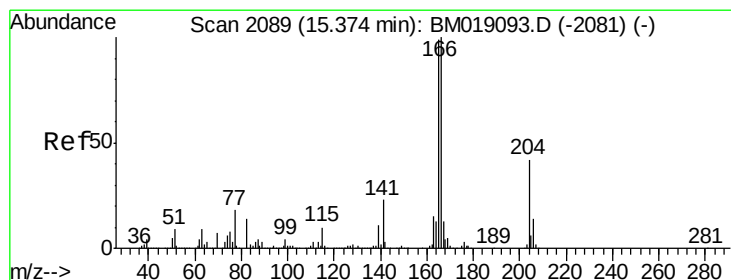
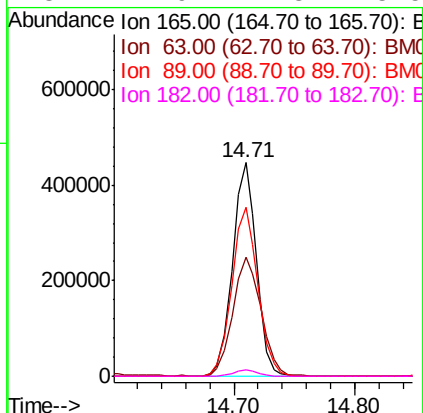
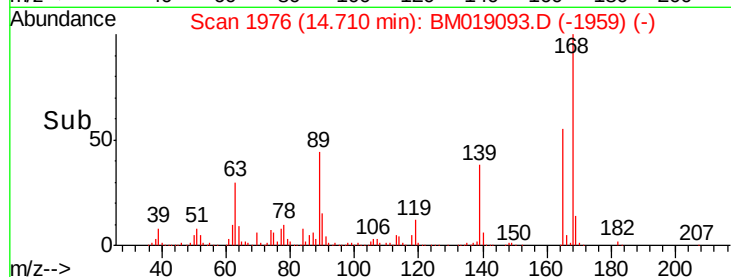
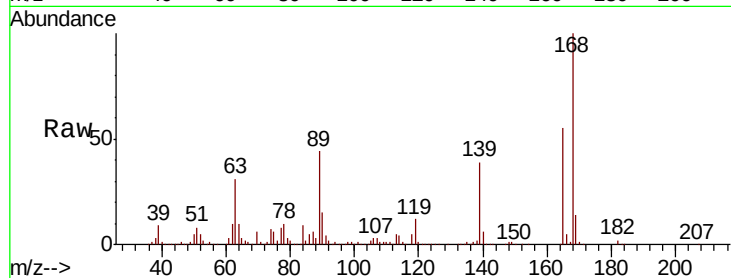




#57
2,4-Dinitrotoluene
Concen: 42.311 ng
RT: 14.71 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

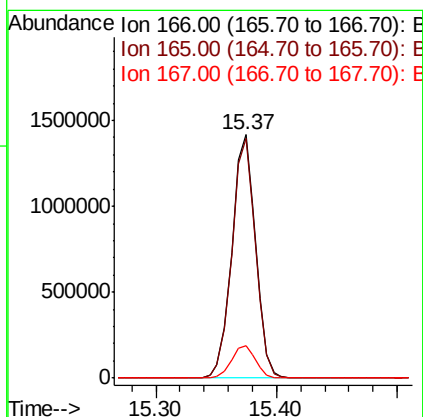
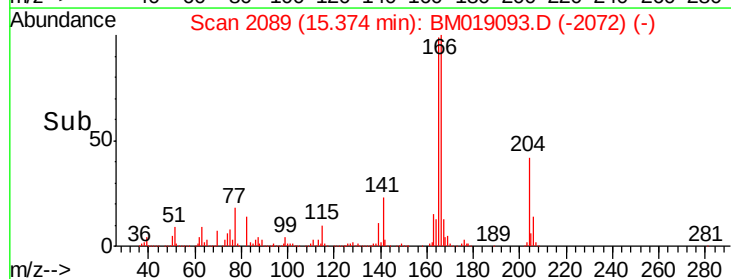
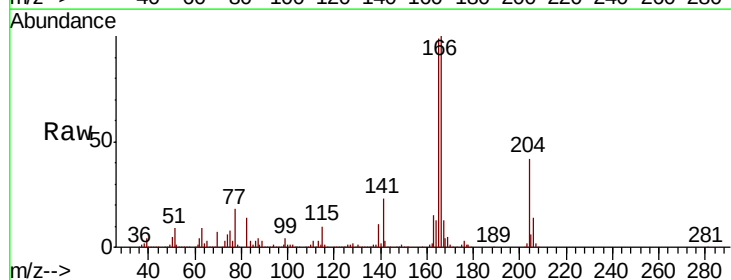
Instrument :
BNA_M
ClientSampleId :

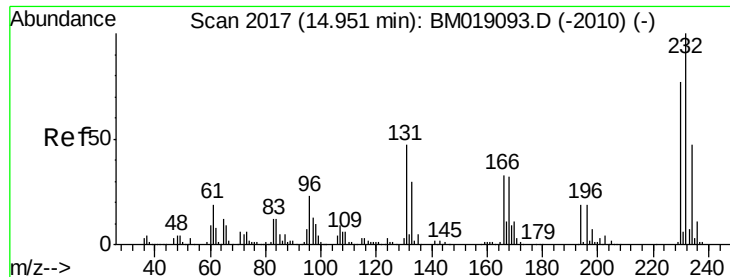
Tot Ion:165 Resp: 614418
Ion Ratio Lower Upper
165 100
63 55.9 44.7 67.1
89 79.3 63.4 95.2
182 2.9 2.3 3.5



#58
Fluorene
Concen: 43.391 ng
RT: 15.37 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Tgt Ion:166 Resp: 1933564
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.4
167 13.5 10.8 16.2

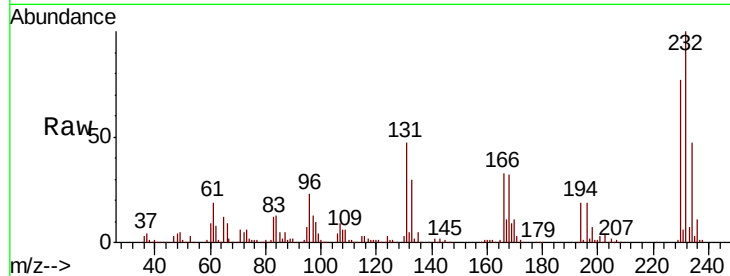




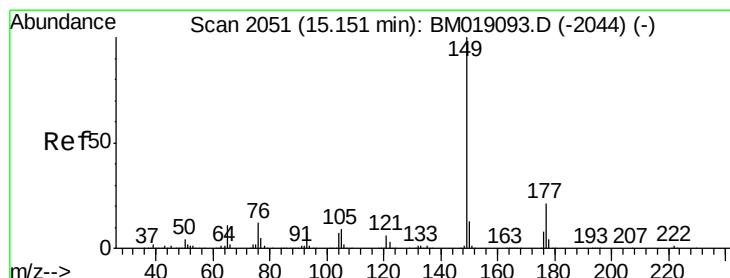
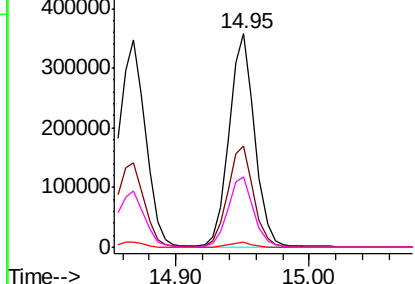
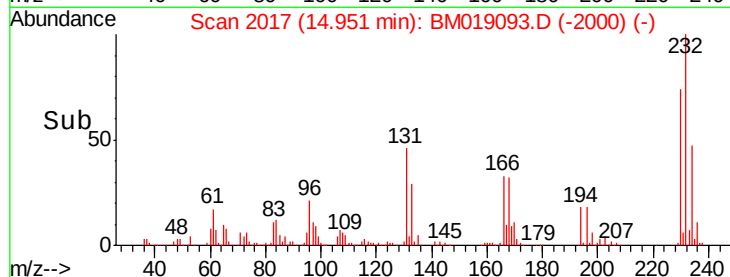
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.702 ng
RT: 14.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion:232 Resp: 477644
Ion Ratio Lower Upper
232 100
131 47.7 38.2 57.2
130 2.4 1.9 2.9
166 33.7 27.0 40.4

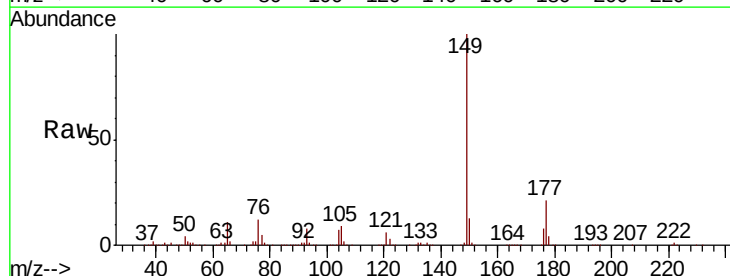


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

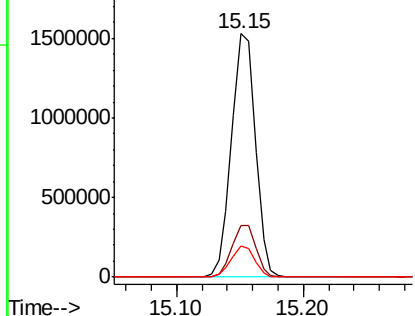
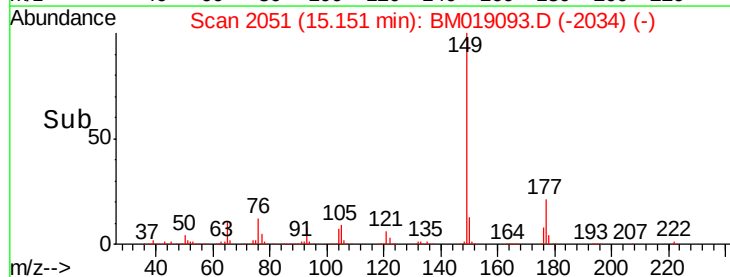


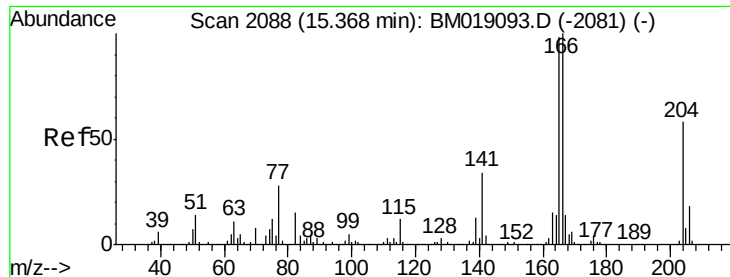
#60
Diethylphthalate
Concen: 39.814 ng
RT: 15.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Tgt Ion:149 Resp: 1998200
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.6
150 12.8 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

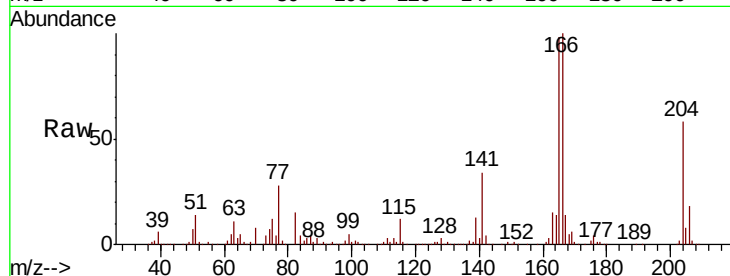




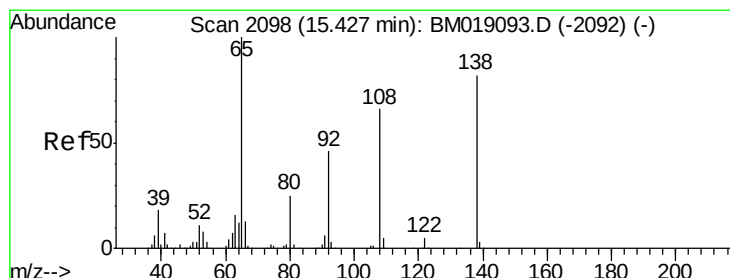
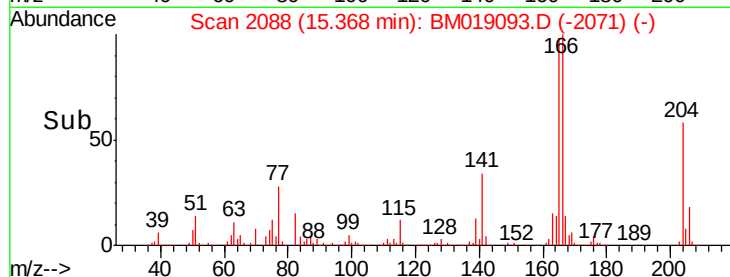
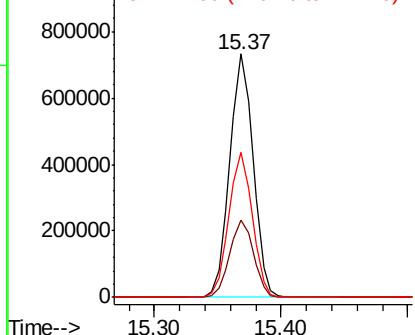
#61
4-Chlorophenyl-phenylether
Concen: 37.460 ng
RT: 15.37 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 935928
Ion Ratio Lower Upper
204 100
206 31.9 25.5 38.3
141 59.8 47.8 71.8

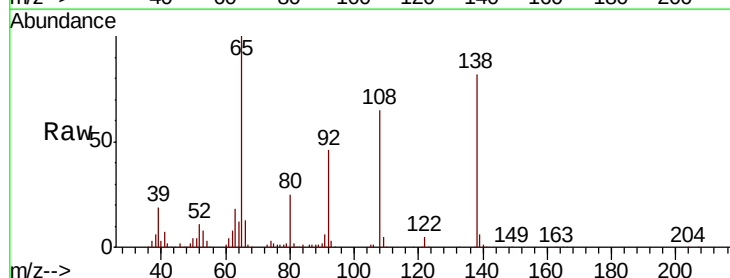


Abundance Ion 204.00 (203.70 to 204.70): E
1000000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

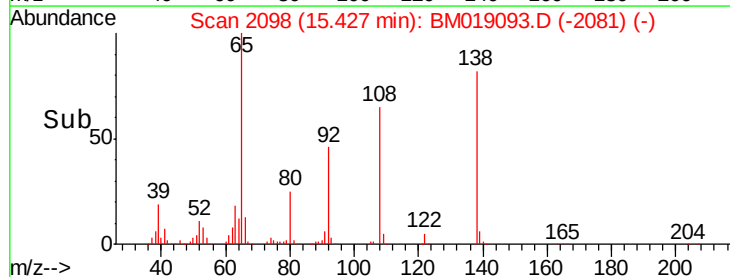
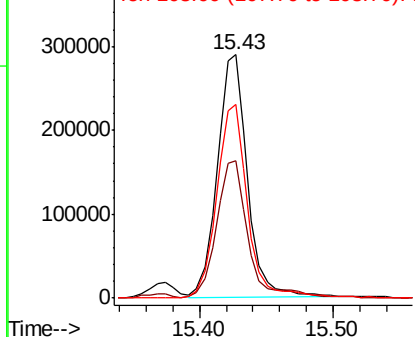


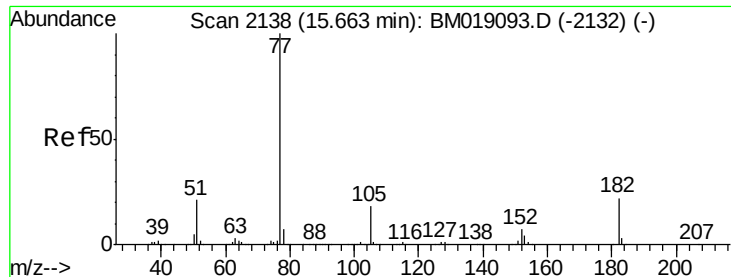
#62
4-Nitroaniline
Concen: 38.853 ng
RT: 15.43 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Tgt Ion:138 Resp: 453591
Ion Ratio Lower Upper
138 100
92 56.2 36.2 76.2
108 79.7 59.7 99.7



Abundance Ion 138.00 (137.70 to 138.70): E
400000
Ion 92.00 (91.70 to 92.70): BM
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.836 ng

RT: 15.66 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2143661

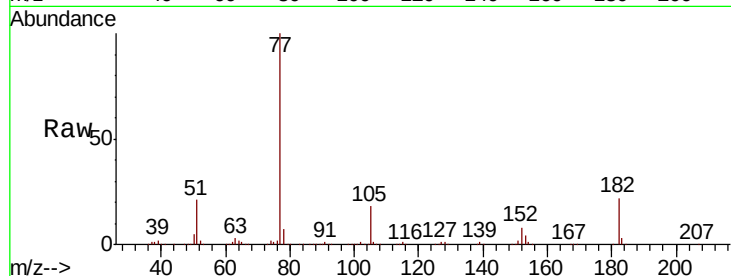
Ion	Ratio	Lower	Upper
77	100		
182	21.8	1.8	41.8
105	18.3	0.0	38.3
51	20.8	0.8	40.8

77 100

182 21.8 1.8 41.8

105 18.3 0.0 38.3

51 20.8 0.8 40.8



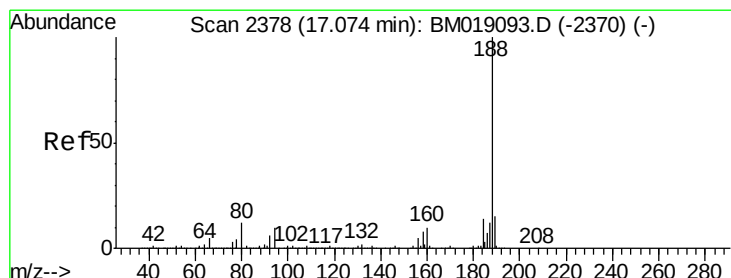
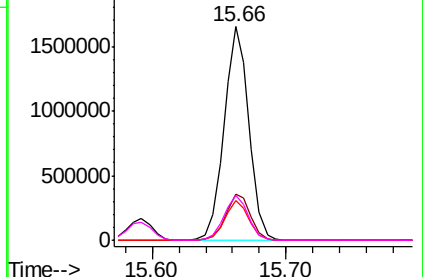
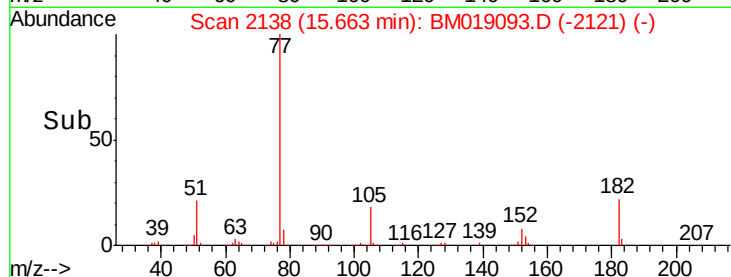
Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-2132) (-)

Ion 182.00 (181.70 to 182.70): BM019093.D (-2132) (-)

Ion 105.00 (104.70 to 105.70): BM019093.D (-2132) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-2132) (-)

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

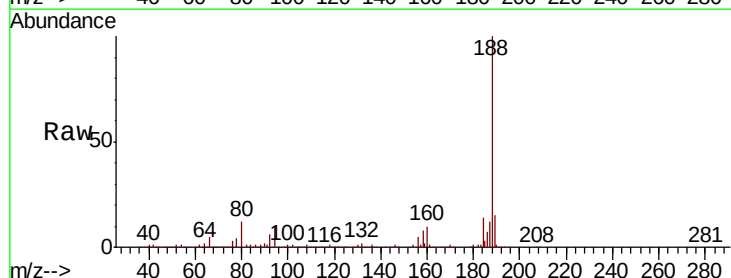
Tgt Ion: 188 Resp: 1286380

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	12.1	9.7	14.5

188 100

94 10.1 8.1 12.1

80 12.1 9.7 14.5

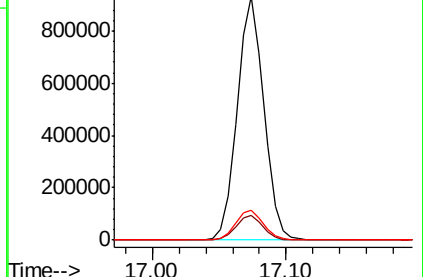
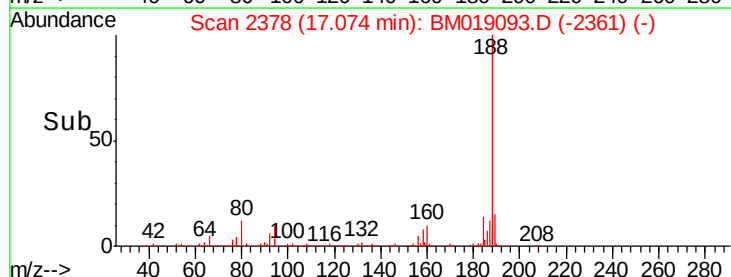


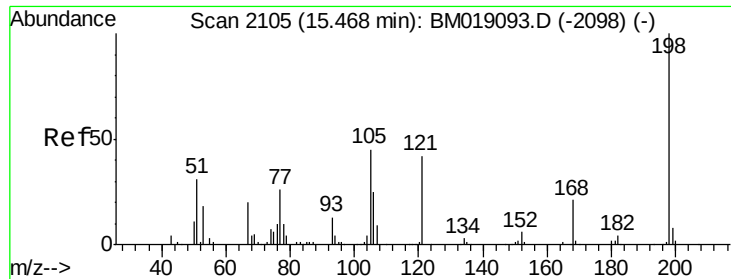
Abundance Ion 188.00 (187.70 to 188.70): BM019093.D (-2370) (-)

Ion 94.00 (93.70 to 94.70): BM019093.D (-2370) (-)

Ion 80.00 (79.70 to 80.70): BM019093.D (-2370) (-)

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 37.543 ng

RT: 15.47 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

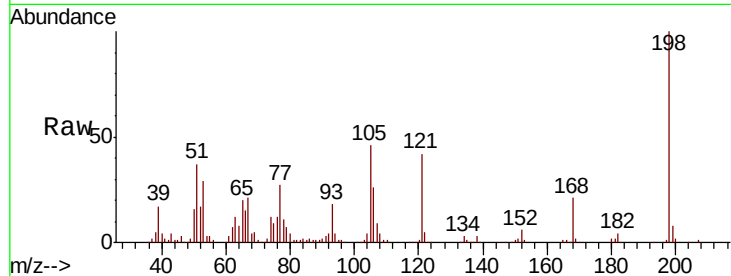
Tot Ion:198 Resp: 339081

Ion Ratio Lower Upper

198 100

51 37.3 17.3 57.3

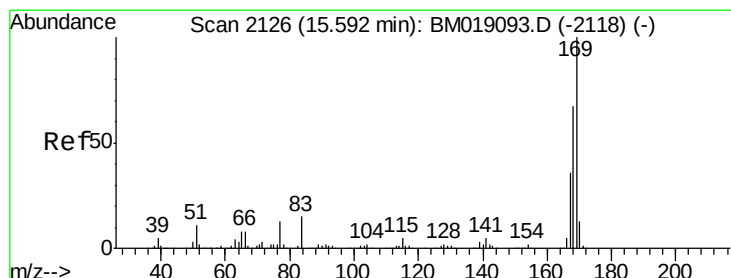
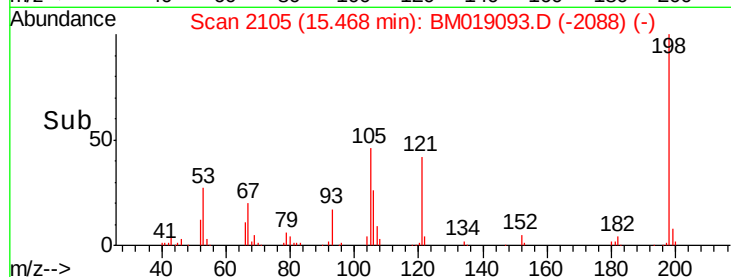
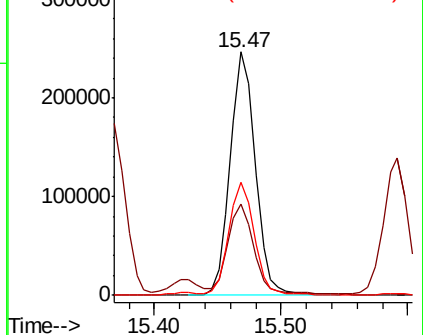
105 46.2 26.2 66.2



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: 40.337 ng

RT: 15.59 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

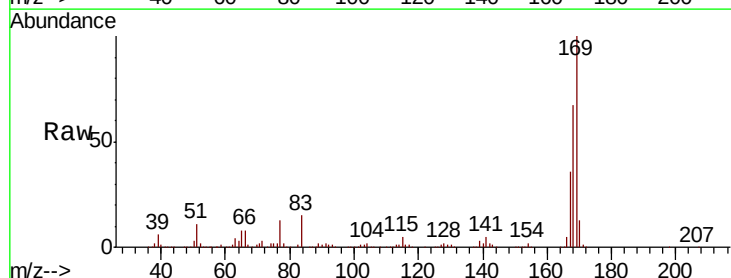
Tgt Ion:169 Resp: 1639371

Ion Ratio Lower Upper

169 100

168 67.4 53.9 80.9

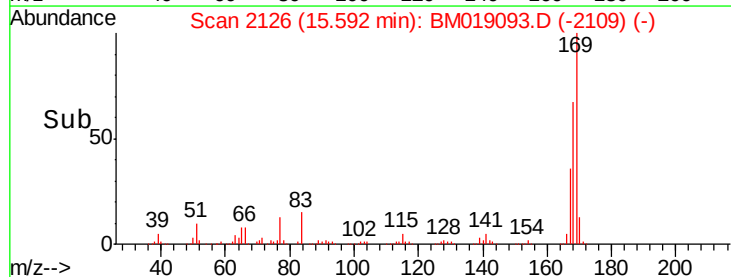
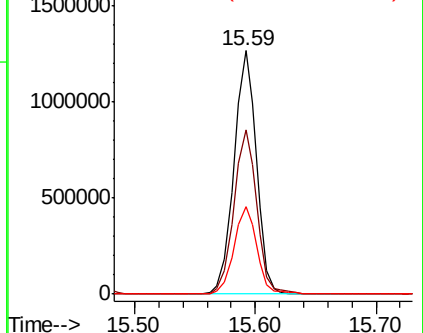
167 36.0 28.8 43.2

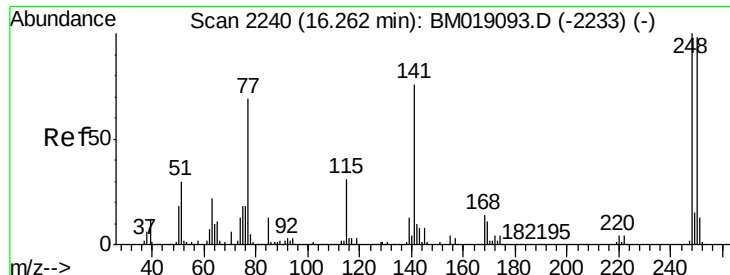


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

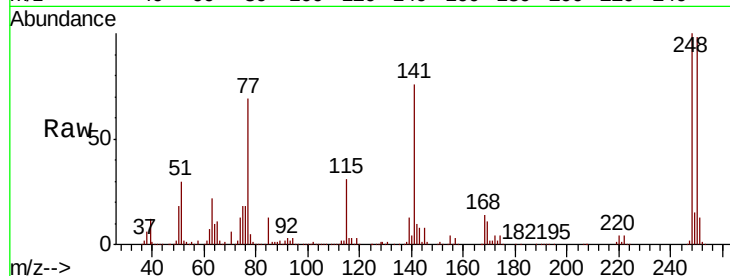




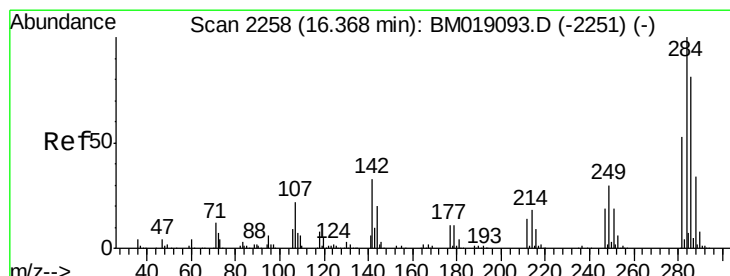
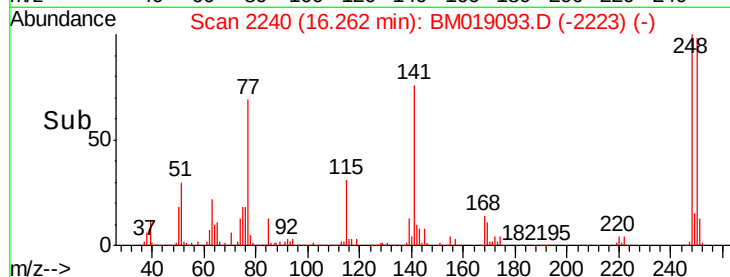
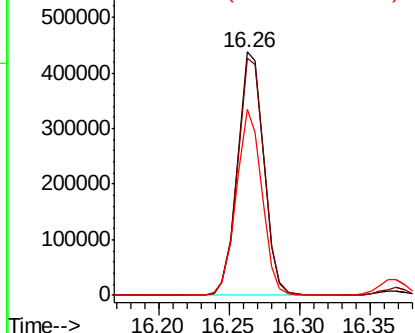
#67
4-Bromophenyl-phenylether
Concen: 39.464 ng
RT: 16.26 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 568232
Ion Ratio Lower Upper
248 100
250 97.5 78.0 117.0
141 76.2 61.0 91.4

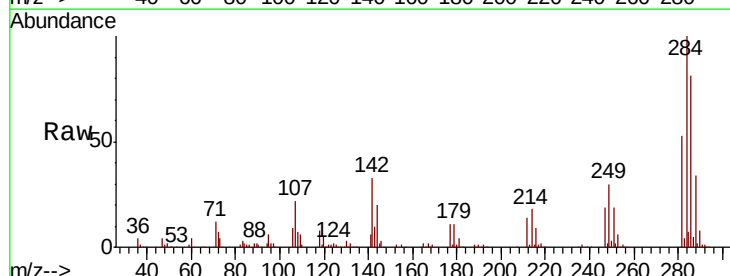


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

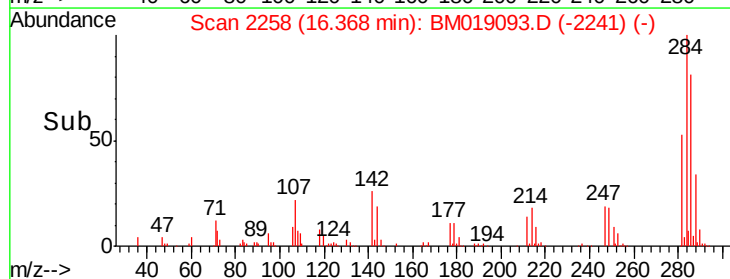
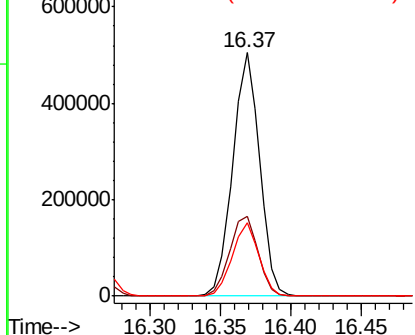


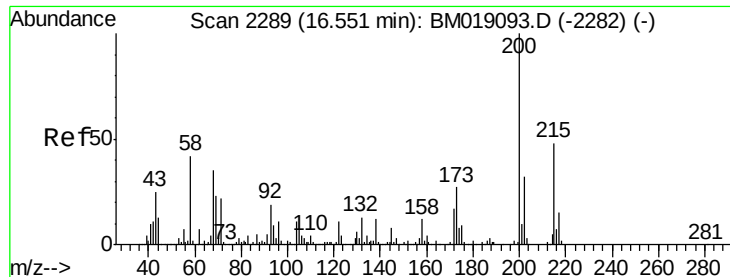
#68
Hexachlorobenzene
Concen: 39.952 ng
RT: 16.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Tgt Ion:284 Resp: 668658
Ion Ratio Lower Upper
284 100
142 32.9 26.3 39.5
249 30.1 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: 42.763 ng

RT: 16.55 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Instrument :

BNA_M

ClientSampled :

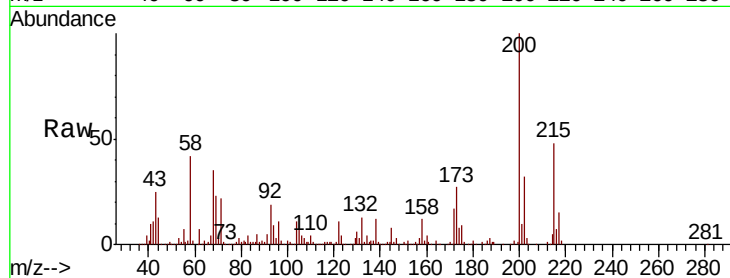
Tot Ion:200 Resp: 560298

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

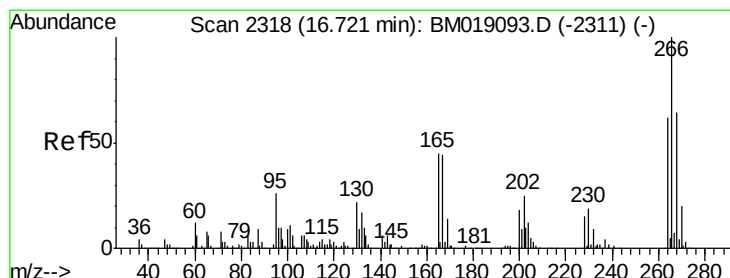
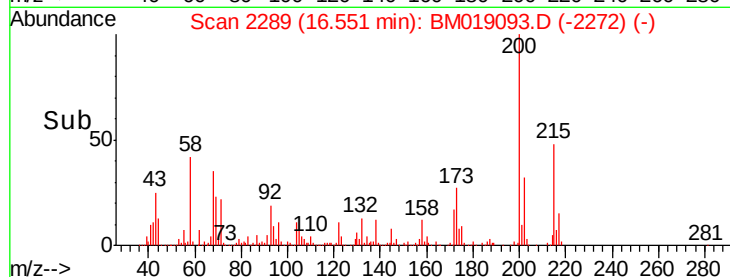
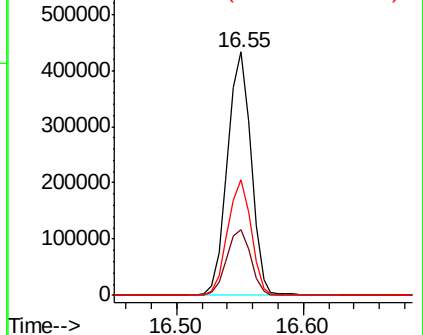
215 47.7 27.7 67.7



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: 37.834 ng

RT: 16.72 min Scan# 2318

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

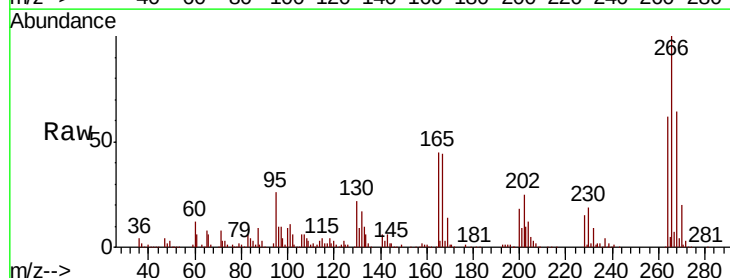
Tgt Ion:266 Resp: 407704

Ion Ratio Lower Upper

266 100

268 64.1 51.3 76.9

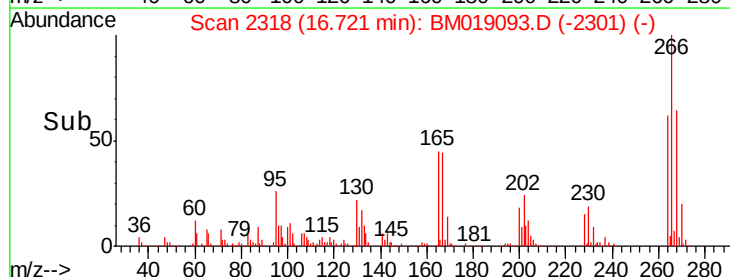
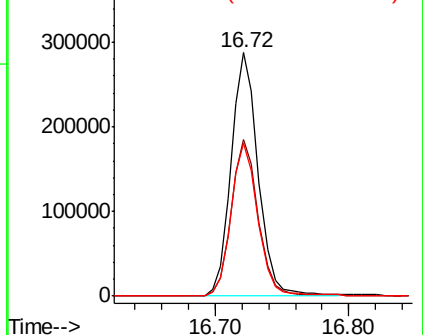
264 62.5 50.0 75.0

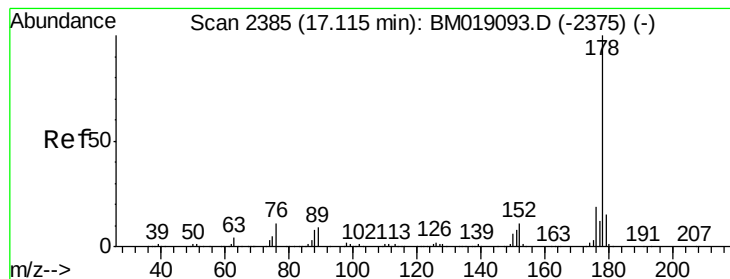


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.901 ng

RT: 17.12 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Instrument :

BNA_M

ClientSampled :

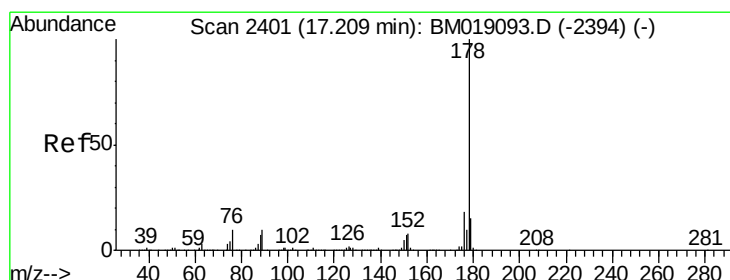
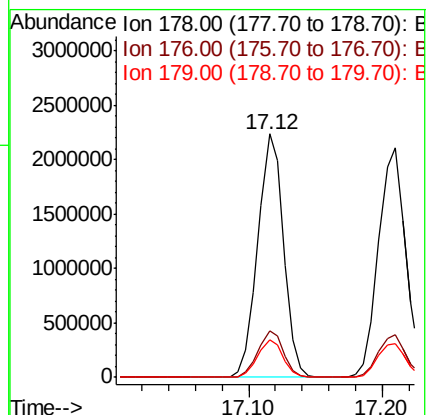
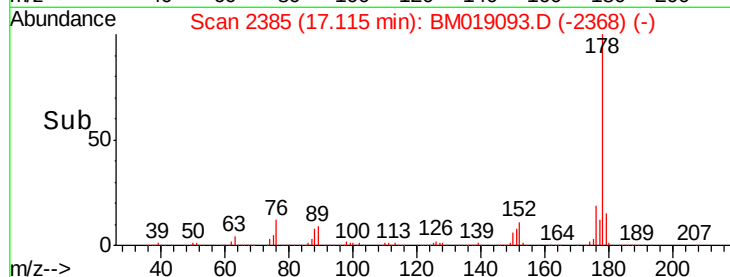
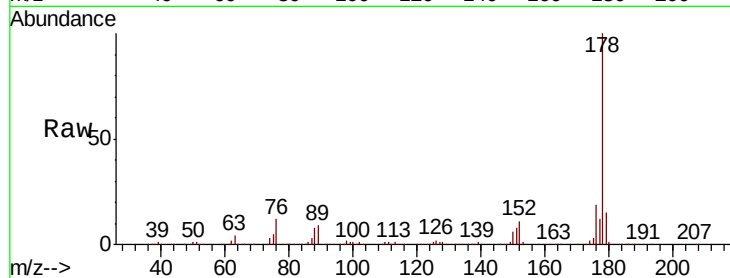
Tot Ion:178 Resp: 2965859

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.2 12.2 18.2



#72

Anthracene

Concen: 44.105 ng

RT: 17.21 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

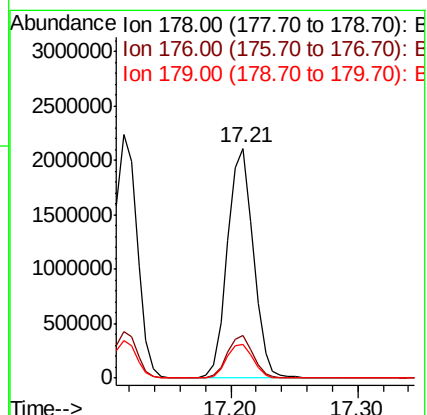
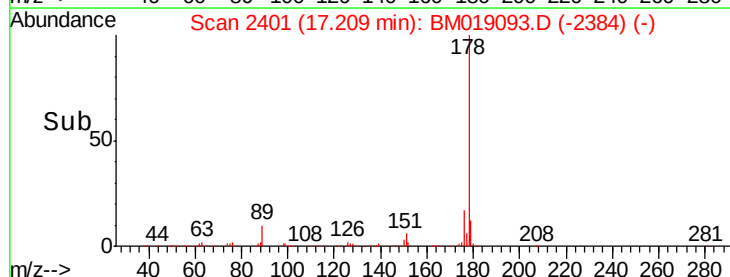
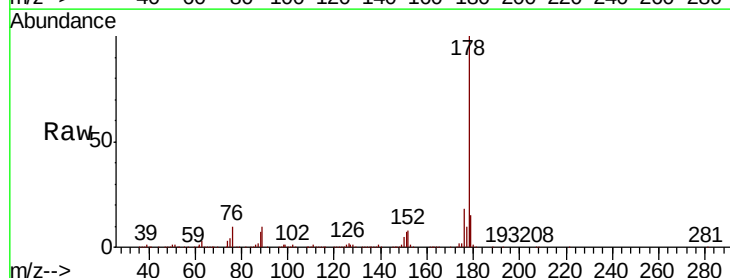
Tgt Ion:178 Resp: 2967766

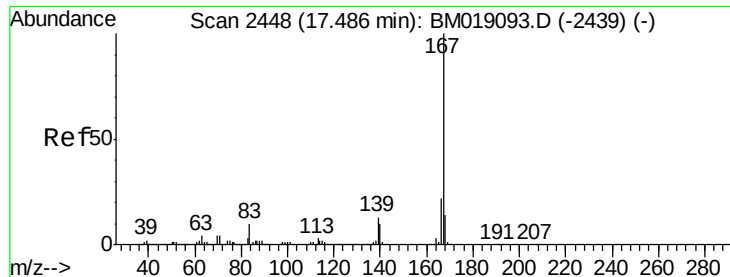
Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

179 14.9 11.9 17.9



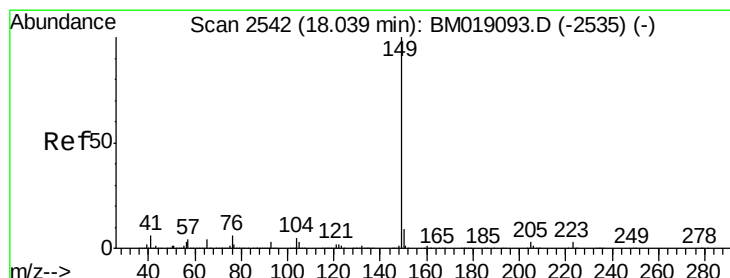
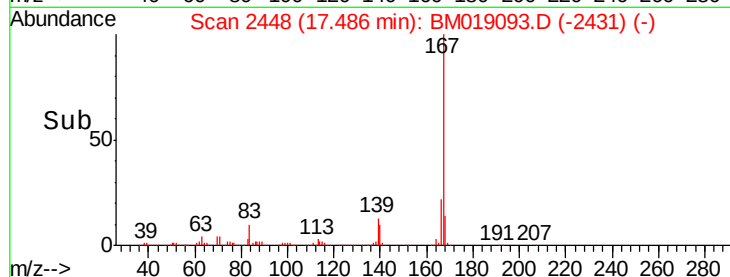
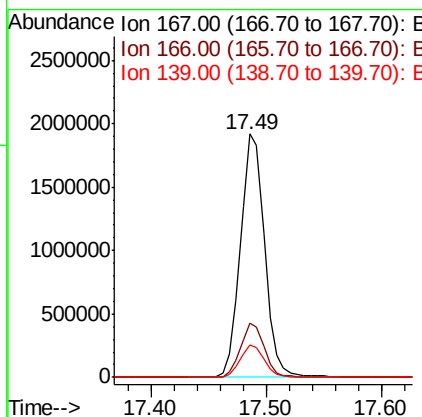
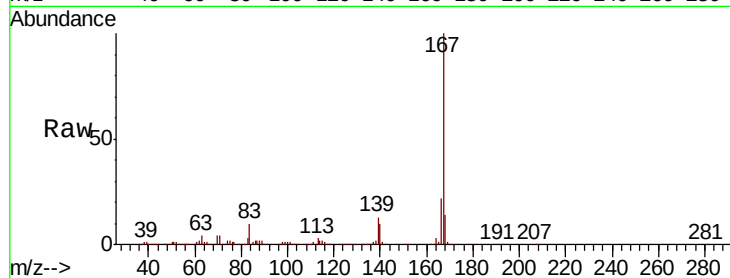


#73
 Carbazole
 Concen: 39.700 ng
 RT: 17.49 min Scan# 2448
 Delta R.T. 0.00 min
 Lab File: BM019093.D
 Acq: 11 Mar 2019 14:44

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 2790907

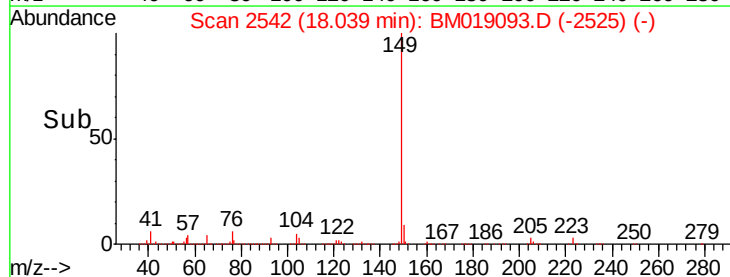
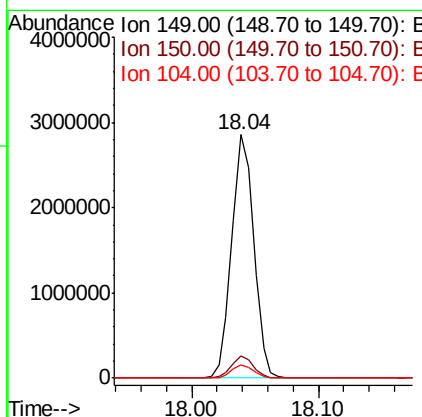
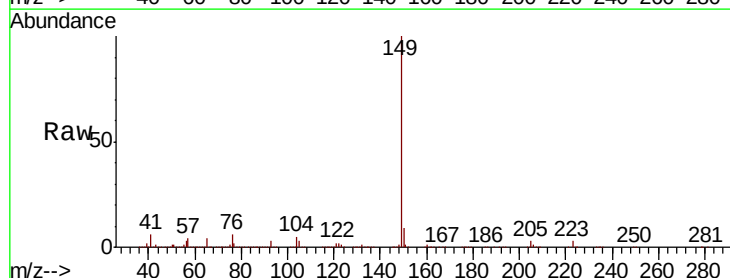
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.8
139	13.1	10.5	15.7

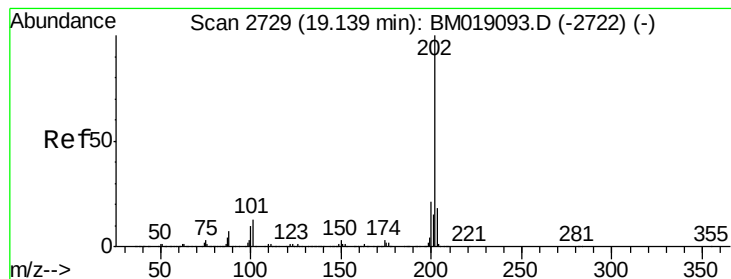


#74
 Di-n-butylphthalate
 Concen: 42.530 ng
 RT: 18.04 min Scan# 2542
 Delta R.T. 0.00 min
 Lab File: BM019093.D
 Acq: 11 Mar 2019 14:44

Tgt Ion:149 Resp: 3438550

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.3	4.2	6.4

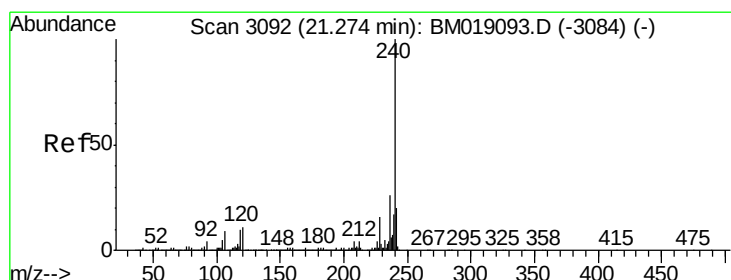
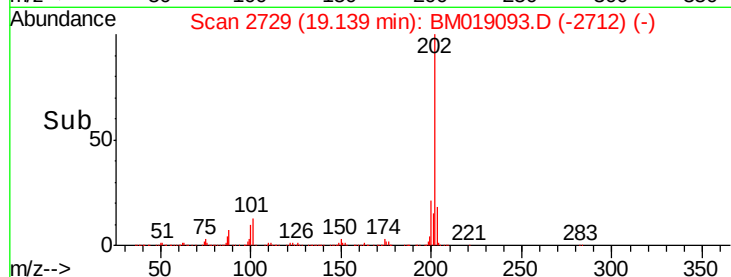
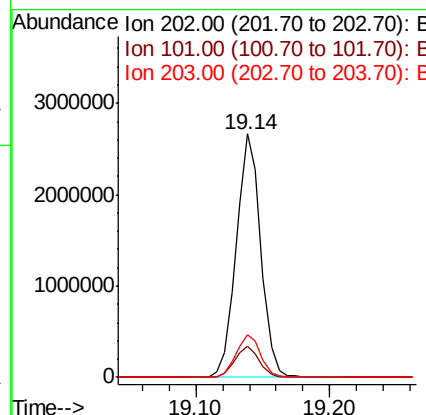
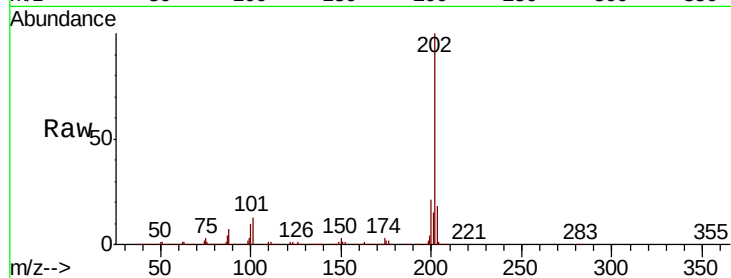




#75
 Fluoranthene
 Concen: 42.747 ng
 RT: 19.14 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BM019093.D
 Acq: 11 Mar 2019 14:44

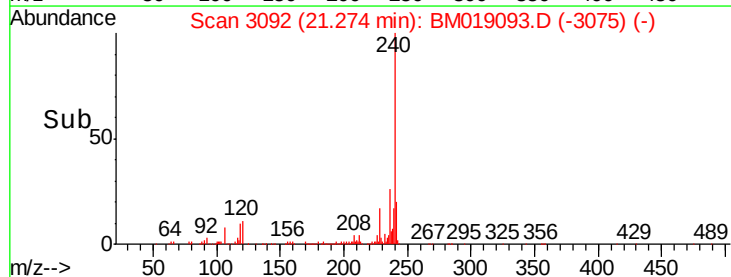
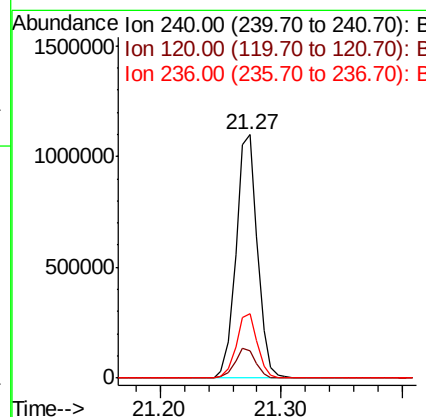
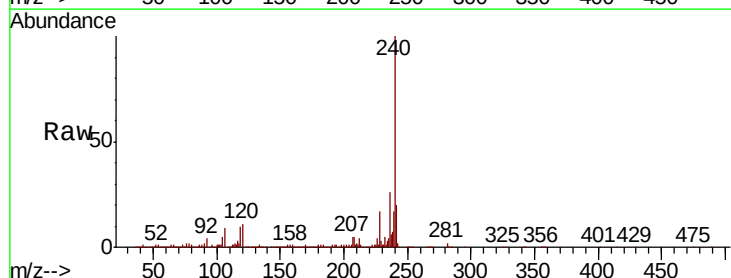
Instrument :
 BNA_M
 ClientSampleId :

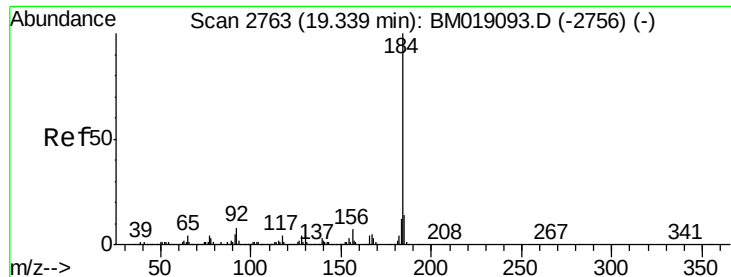
Tot Ion:202 Resp: 3413617
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 33.0
 203 17.8 0.0 37.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.27 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BM019093.D
 Acq: 11 Mar 2019 14:44

Tgt Ion:240 Resp: 1357704
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.9 13.3
 236 26.2 21.0 31.4





#77

Benzidine

Concen: 50.745 ng

RT: 19.34 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

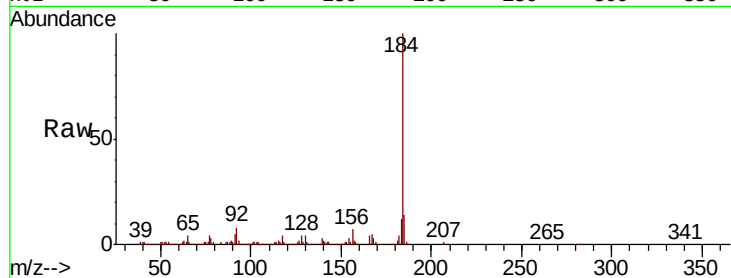
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1551659

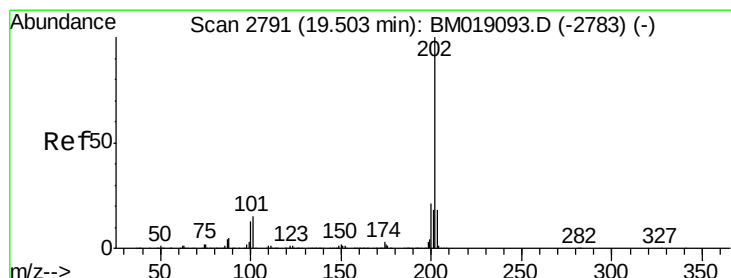
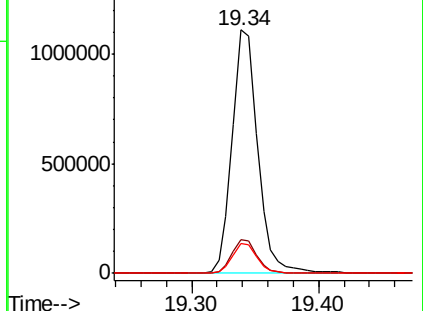
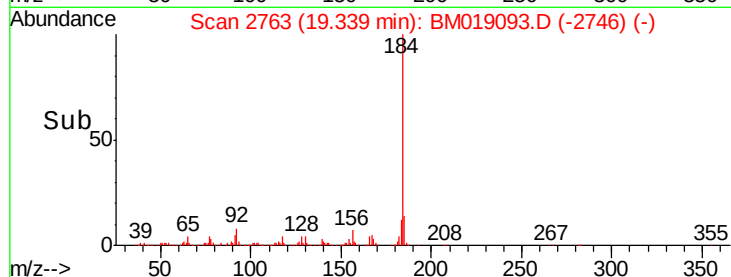
Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.0	16.4
183	12.2	9.8	14.6



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: 44.481 ng

RT: 19.50 min Scan# 2791

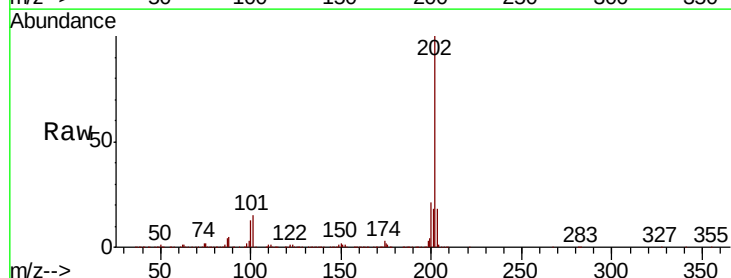
Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Tgt Ion:202 Resp: 3507474

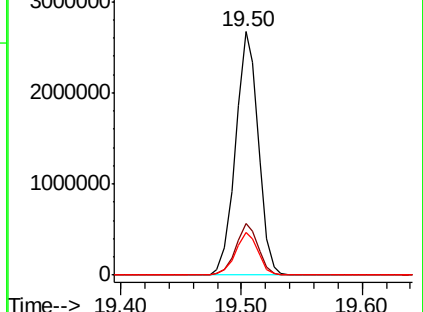
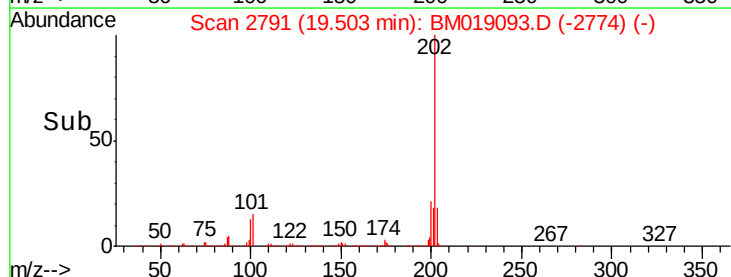
Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.5	14.0	21.0

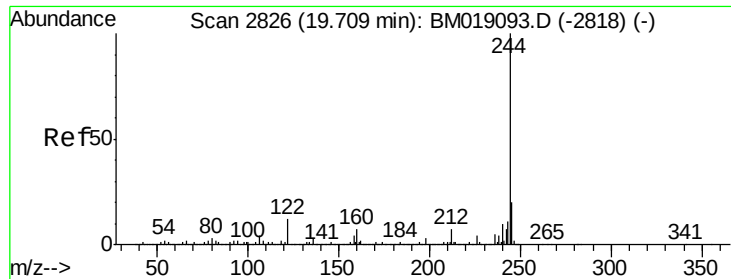


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.869 ng

RT: 19.71 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

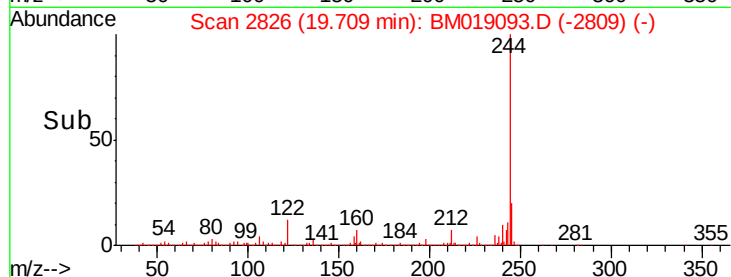
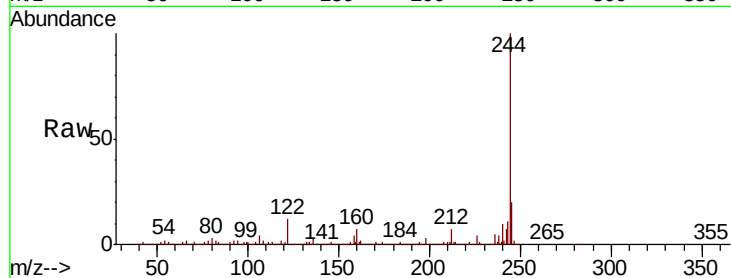
Tot Ion:244 Resp: 5585707

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

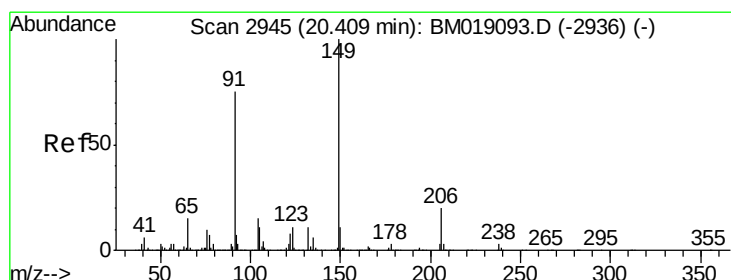
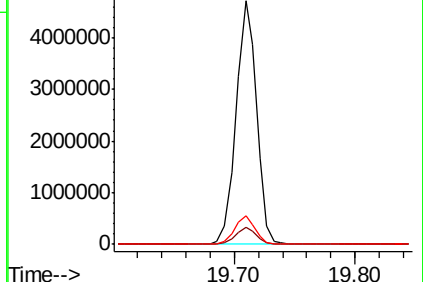
122 11.8 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.017 ng

RT: 20.41 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

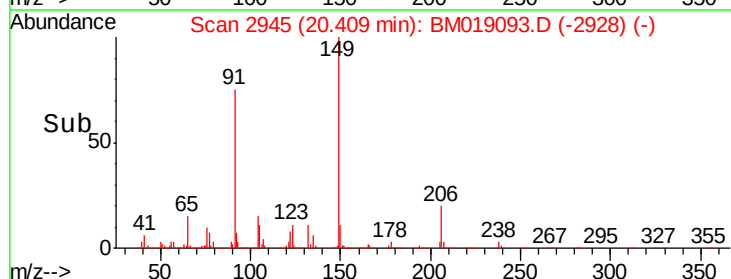
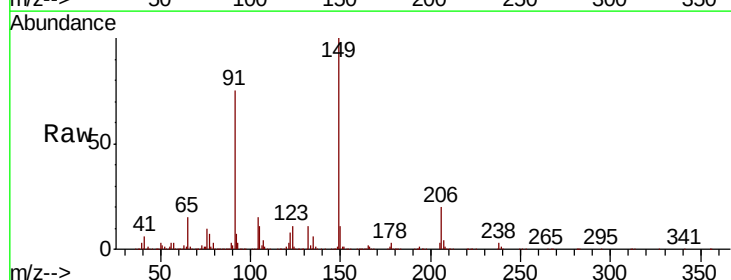
Tgt Ion:149 Resp: 1581832

Ion Ratio Lower Upper

149 100

91 75.1 60.1 90.1

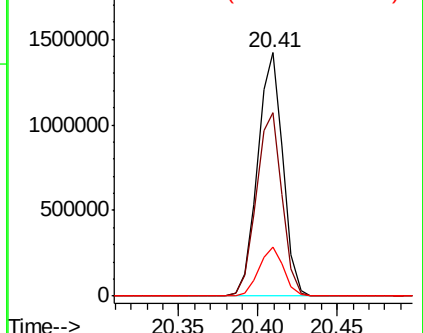
206 20.2 16.2 24.2

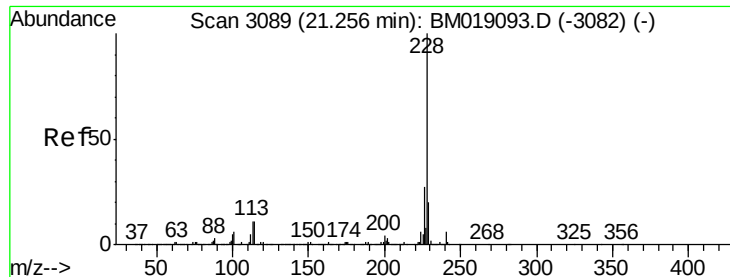


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

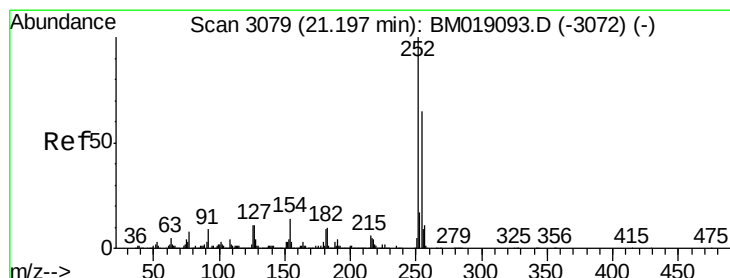
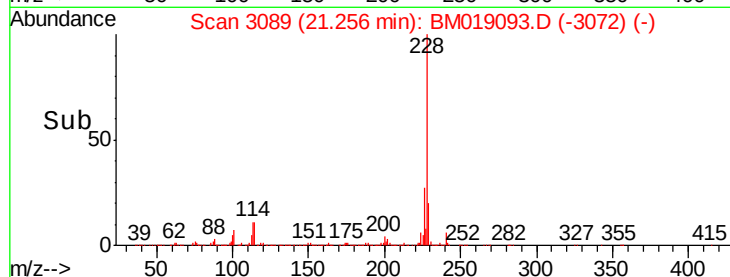
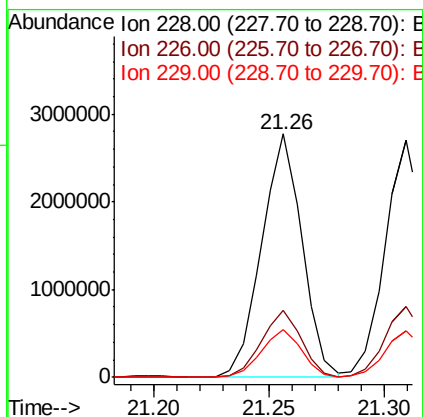
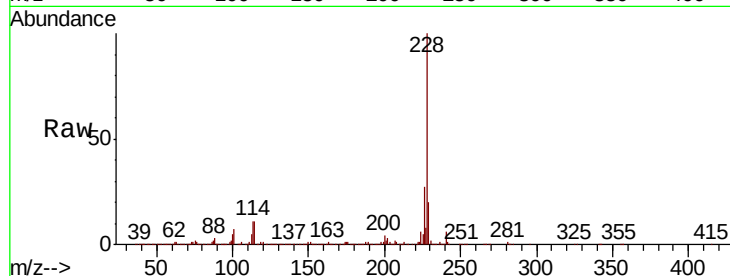




#81
Benzo(a)anthracene
Concen: 42.646 ng
RT: 21.26 min Scan# 3089
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

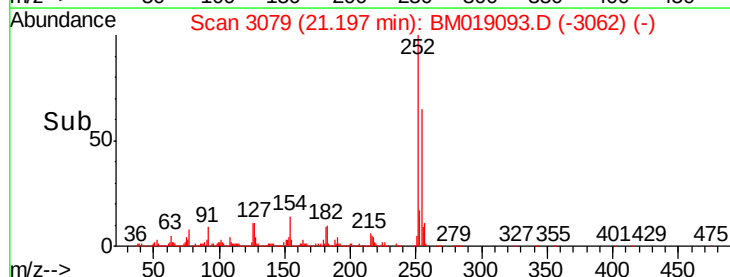
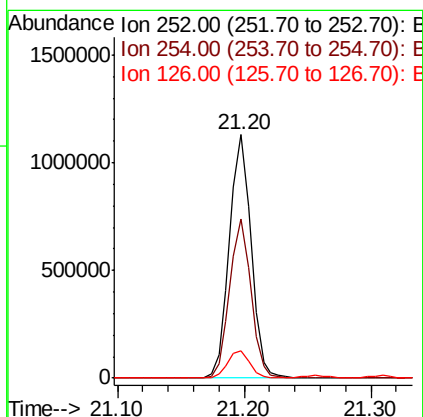
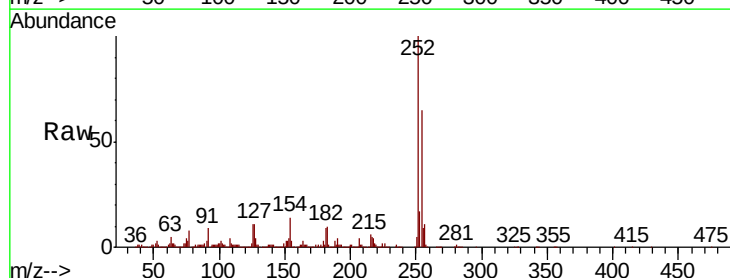
Instrument :
BNA_M
ClientSampleId :

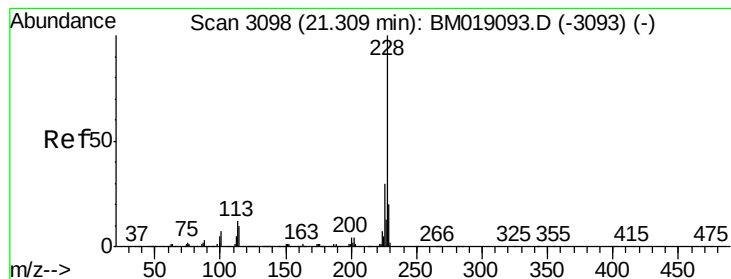
Tot Ion:228 Resp: 3375161
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 42.733 ng
RT: 21.20 min Scan# 3079
Delta R.T. 0.00 min
Lab File: BM019093.D
Acq: 11 Mar 2019 14:44

Tgt Ion:252 Resp: 1336640
Ion Ratio Lower Upper
252 100
254 65.5 52.4 78.6
126 11.3 9.0 13.6





#83

Chrysene

Concen: 42.723 ng

RT: 21.31 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

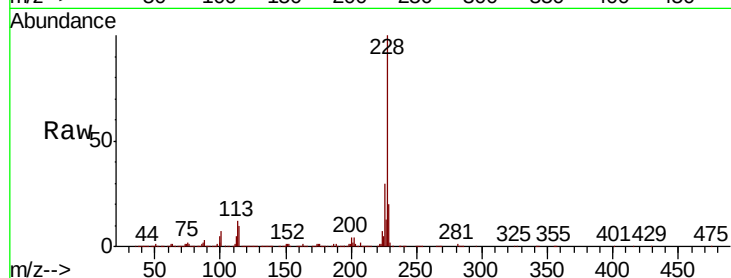
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3240875

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.6	15.7	23.5

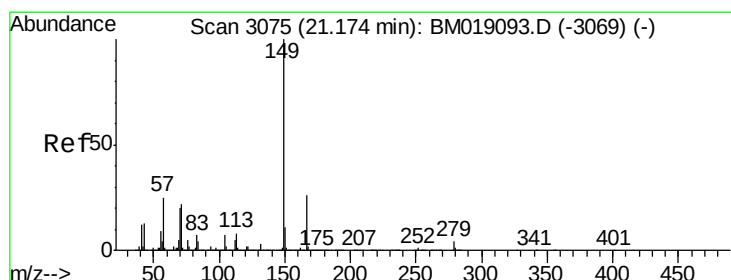
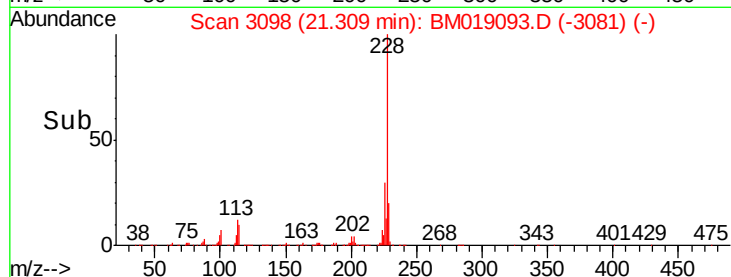
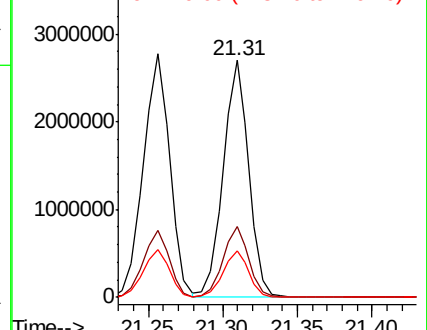


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.328 ng

RT: 21.17 min Scan# 3075

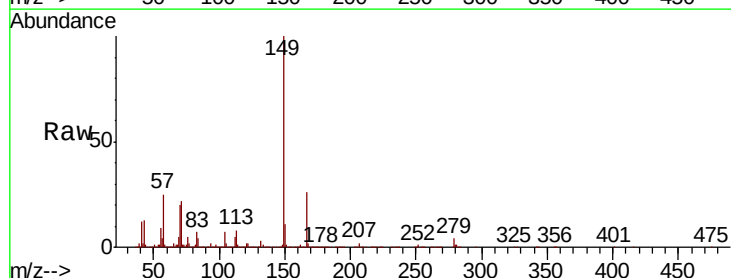
Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Tgt Ion:149 Resp: 2278961

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.1	31.7
279	4.0	3.2	4.8

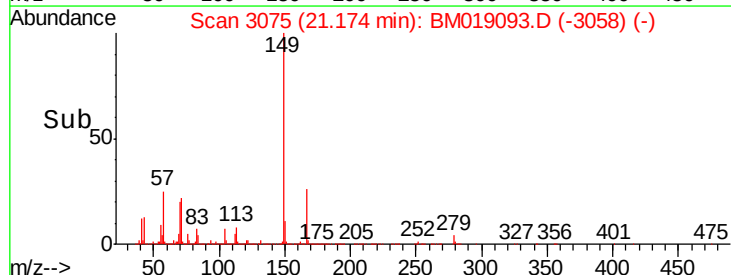
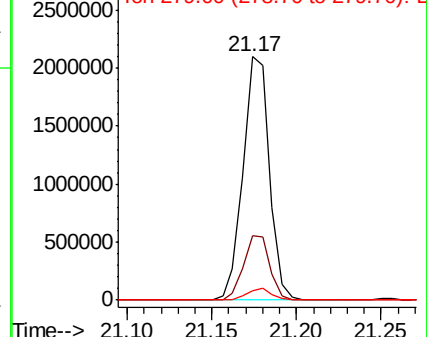


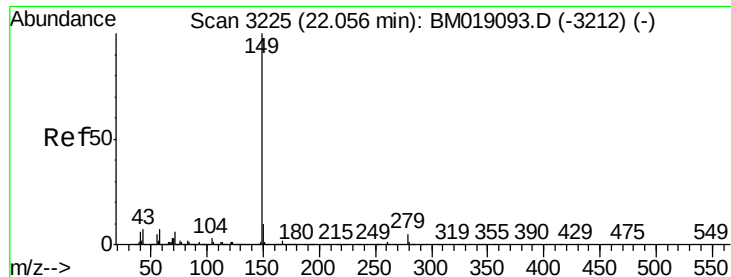
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.611 ng

RT: 22.06 min Scan# 3225

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

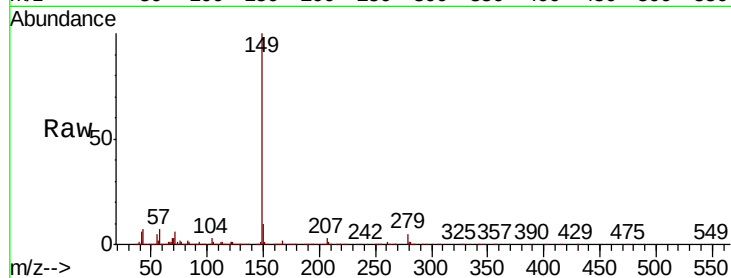
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 3678502

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.1	9.1

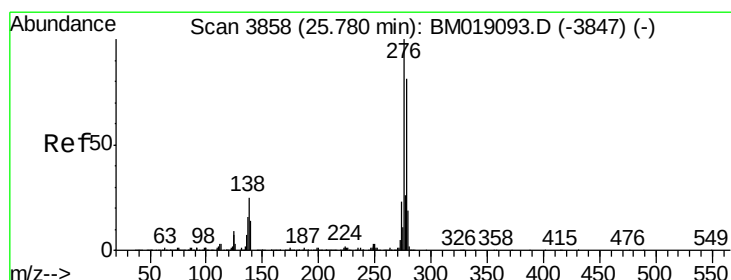
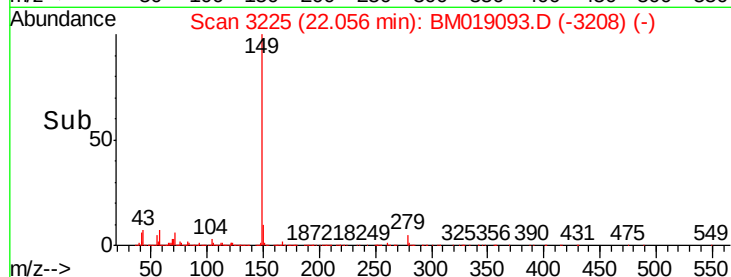
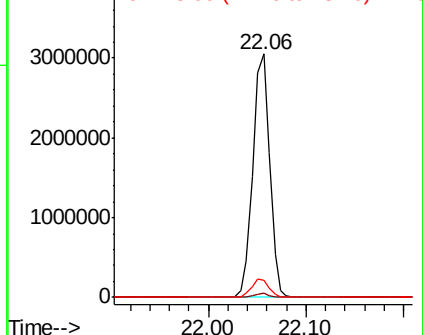


Abundance

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: 35.392 ng

RT: 25.78 min Scan# 3858

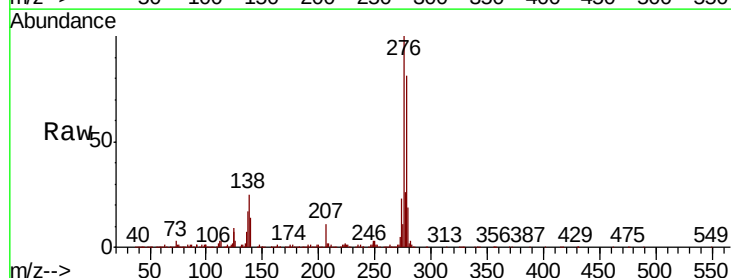
Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Tgt Ion:276 Resp: 3099678

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.8	29.8
277	25.5	20.3	30.5

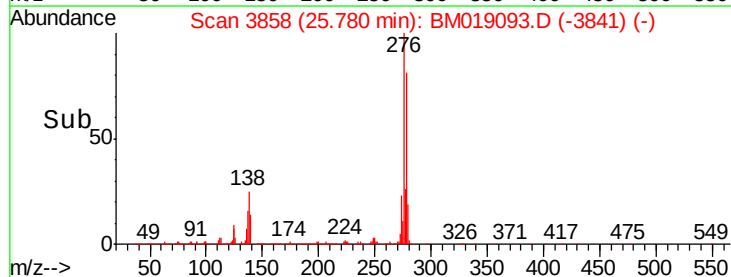
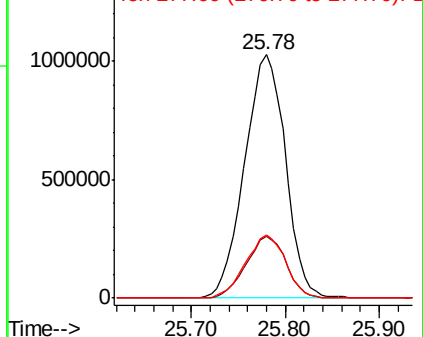


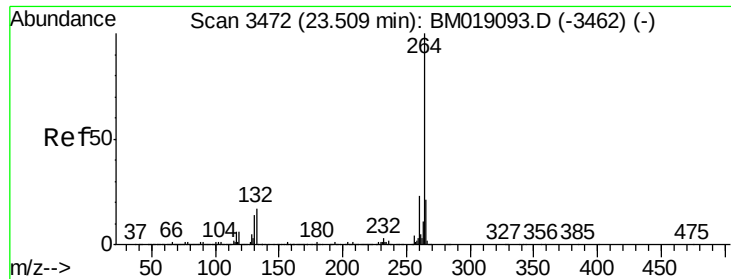
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.51 min Scan# 3472

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Instrument :

BNA_M

ClientSampleId :

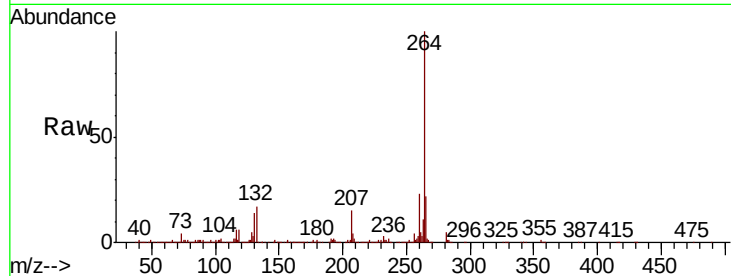
Tot Ion:264 Resp: 1229848

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

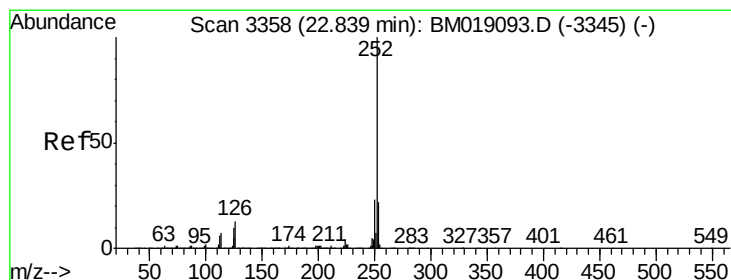
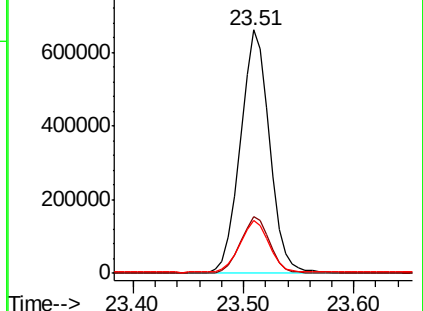
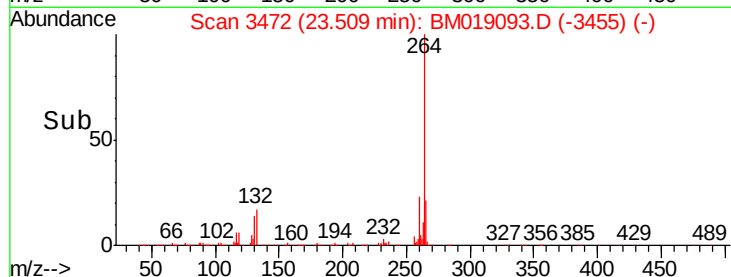
265 21.6 17.3 25.9



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: 44.981 ng

RT: 22.84 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

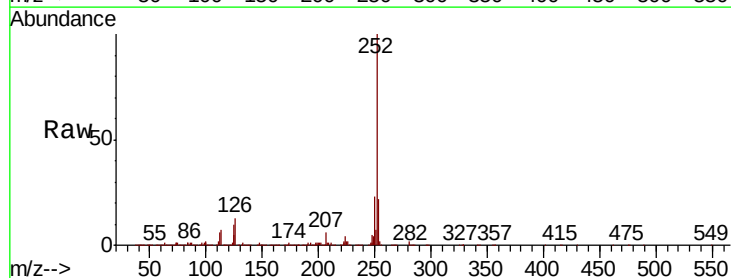
Tgt Ion:252 Resp: 3165046

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

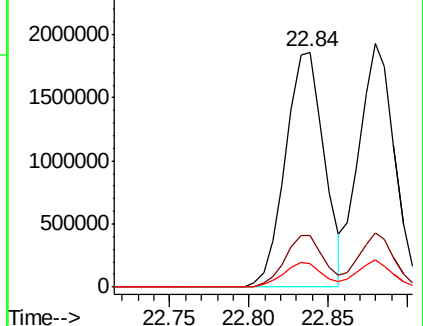
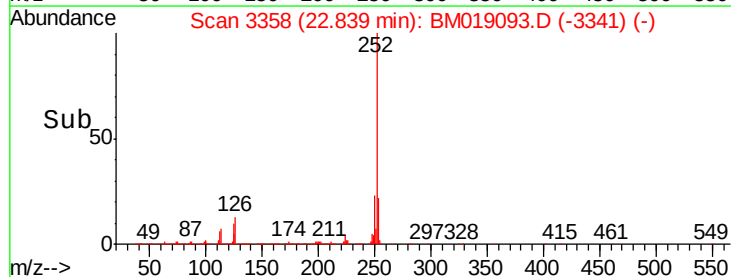
125 10.1 8.1 12.1

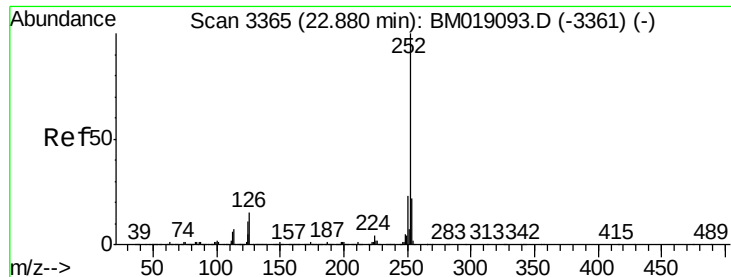


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.951 ng

RT: 22.88 min Scan# 3365

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Instrument :

BNA_M

ClientSampled :

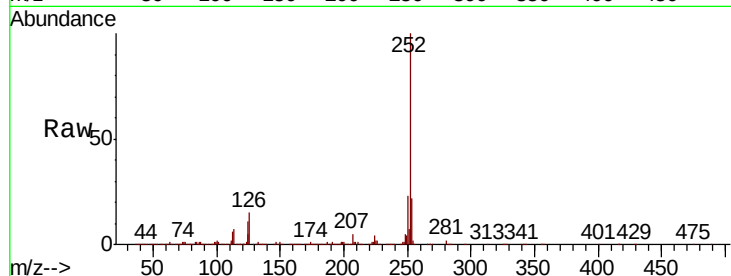
Tot Ion:252 Resp: 3008794

Ion Ratio Lower Upper

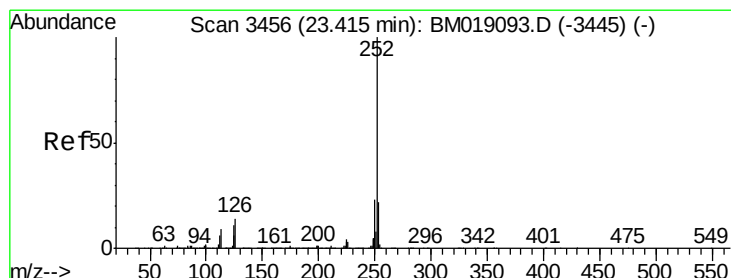
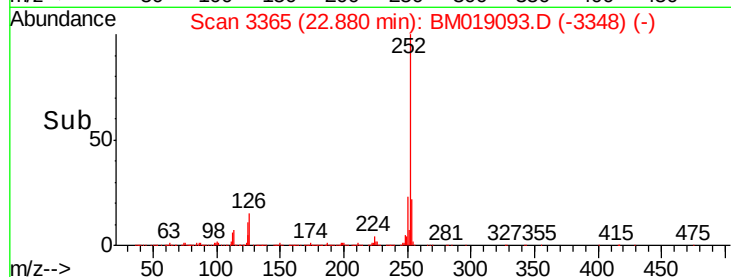
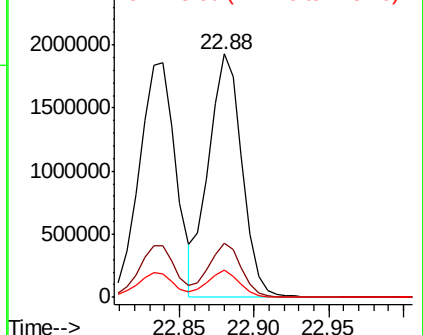
252 100

253 22.0 17.6 26.4

125 11.0 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.756 ng

RT: 23.41 min Scan# 3456

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

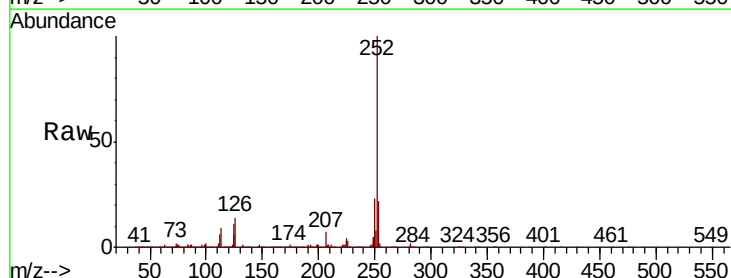
Tgt Ion:252 Resp: 2850009

Ion Ratio Lower Upper

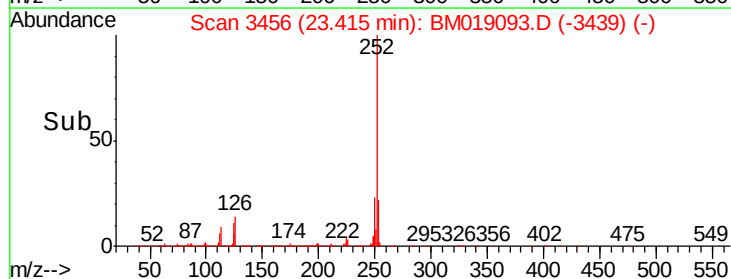
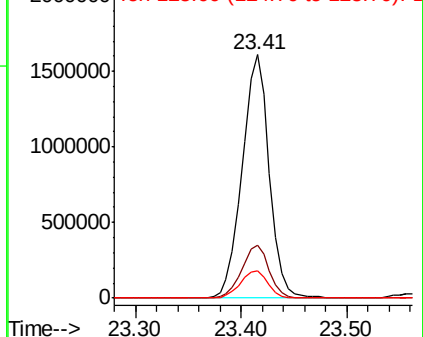
252 100

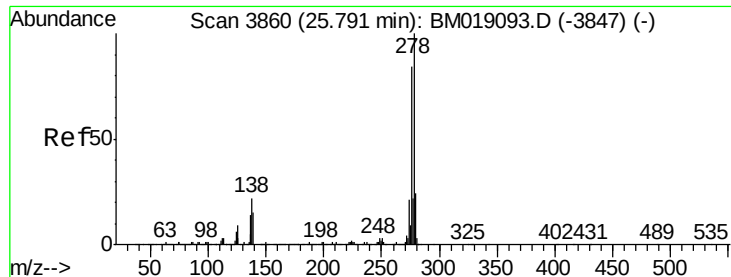
253 21.8 17.4 26.2

125 11.5 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.463 ng

RT: 25.79 min Scan# 3860

Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

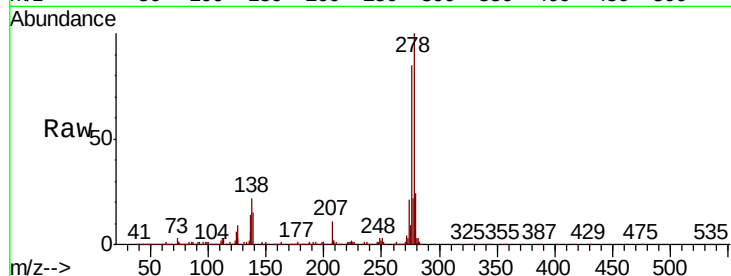
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 2606186

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.3	18.5
279	23.6	18.9	28.3

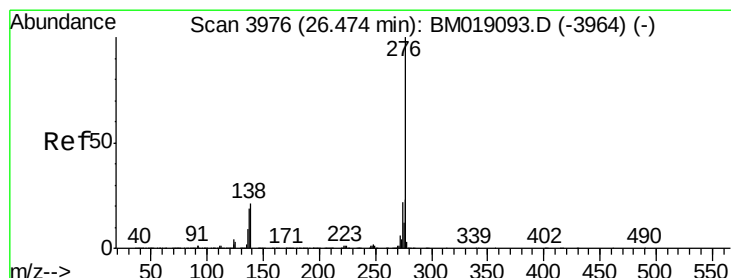
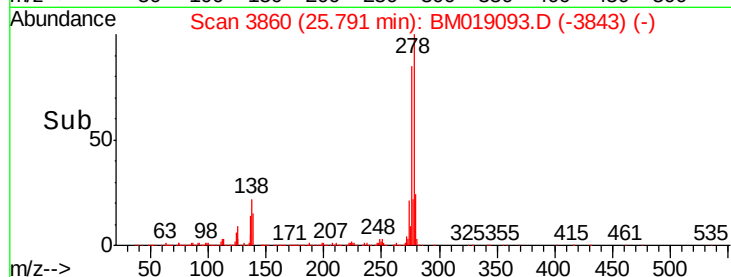
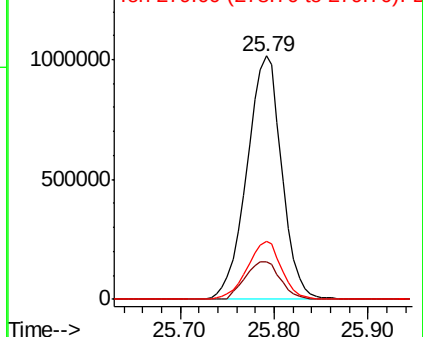


Abundance

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: 38.832 ng

RT: 26.47 min Scan# 3976

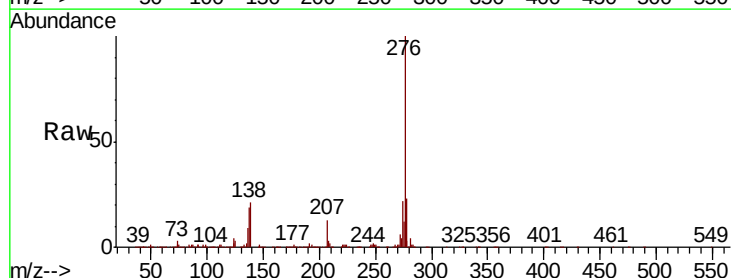
Delta R.T. 0.00 min

Lab File: BM019093.D

Acq: 11 Mar 2019 14:44

Tgt Ion:276 Resp: 2387495

Ion	Ratio	Lower	Upper
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

