

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041519\
 Data File : BM019910.D
 Acq On : 15 Apr 2019 11:50
 Operator : JU/SJ
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 15 14:57:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 15 14:51:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	116105	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	548214	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	339609	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	757634	20.00	ng	0.00
76) Chrysene-d12	21.18	240	812673	20.00	ng	0.00
87) Perylene-d12	23.38	264	803038	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	270790	37.77	ng	0.00
7) Phenol-d6	6.73	99	400568	38.20	ng	0.00
23) Nitrobenzene-d5	8.70	82	472562	40.75	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	202514	40.39	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1040058	39.84	ng	0.00
79) Terphenyl-d14	19.61	244	1699271	41.51	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.12	88	61325	19.228	ng	99
3) Pyridine	3.53	79	178608	20.584	ng	99
4) n-Nitrosodimethylamine	3.45	42	50148	18.591	ng	# 95
6) Aniline	6.88	93	263635	19.472	ng	99
8) 2-Chlorophenol	7.10	128	170621	19.804	ng	99
9) Benzaldehyde	6.70	77	146250	22.172	ng	99
10) Phenol	6.76	94	218902	19.369	ng	96
11) bis(2-Chloroethyl)ether	6.98	93	163605	18.971	ng	99
12) 1,3-Dichlorobenzene	7.42	146	182567	20.024	ng	99
13) 1,4-Dichlorobenzene	7.57	146	185980	20.008	ng	97
14) 1,2-Dichlorobenzene	7.87	146	181334	20.052	ng	99
15) Benzyl Alcohol	7.80	79	181526	20.915	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.06	45	163789	18.601	ng	100
17) 2-Methylphenol	7.99	107	148103	20.110	ng	99
18) Hexachloroethane	8.58	117	71721	20.765	ng	98
19) n-Nitroso-di-n-propylamine	8.35	70	184707	21.469	ng	98
20) 3+4-Methylphenols	8.32	107	200521	20.059	ng	99
22) Acetophenone	8.37	105	288607	19.050	ng	99
24) Nitrobenzene	8.75	77	246375	20.427	ng	100
25) Isophorone	9.26	82	467976	21.147	ng	99
26) 2-Nitrophenol	9.45	139	101862	20.374	ng	97
27) 2,4-Dimethylphenol	9.51	122	148263	19.947	ng	94
28) bis(2-Chloroethoxy)methane	9.75	93	261110	19.927	ng	98
29) 2,4-Dichlorophenol	9.99	162	165755	20.136	ng	99
30) 1,2,4-Trichlorobenzene	10.17	180	181739	19.579	ng	100
31) Naphthalene	10.36	128	573450	19.846	ng	99
32) Benzoic acid	9.68	122	101733	16.161	ng	94
33) 4-Chloroaniline	10.51	127	231174	19.517	ng	99
34) Hexachlorobutadiene	10.61	225	107682	20.216	ng	98
35) Caprolactam	11.33	113	59258	20.208	ng	95
36) 4-Chloro-3-methylphenol	11.64	107	207838	20.462	ng	97
37) 2-Methylnaphthalene	11.99	142	419406	19.974	ng	99
38) 1-Methylnaphthalene	12.21	142	413833	19.996	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	200071	18.624	ng	100

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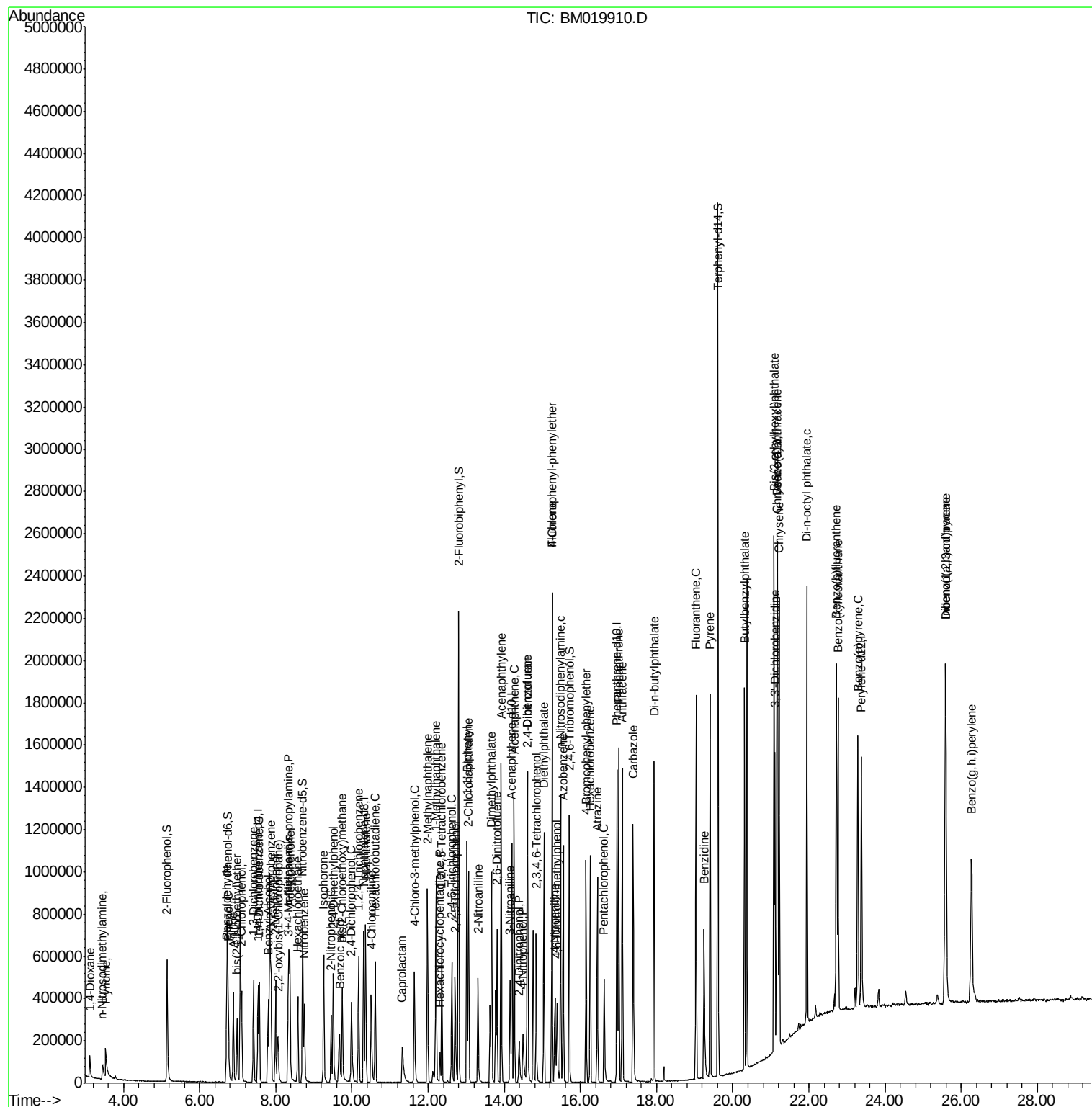
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	35246	7.243	ng	96
43) 2,4,6-Trichlorophenol	12.62	196	135767	19.556	ng	99
44) 2,4,5-Trichlorophenol	12.71	196	137527	18.525	ng	98
46) 1,1'-Biphenyl	13.02	154	570384	19.232	ng	99
47) 2-Chloronaphthalene	13.06	162	428825	19.370	ng	99
48) 2-Nitroaniline	13.31	65	153059	20.615	ng	97
49) Acenaphthylene	13.92	152	753033	20.117	ng	98
50) Dimethylphthalate	13.67	163	585646	20.159	ng	100
51) 2,6-Dinitrotoluene	13.81	165	127615	20.320	ng	92
52) Acenaphthene	14.26	154	419451	19.501	ng	99
53) 3-Nitroaniline	14.15	138	124240	18.678	ng	98
54) 2,4-Dinitrophenol	14.39	184	54265	14.879	ng	96
55) Dibenzofuran	14.60	168	681932	19.660	ng	99
56) 4-Nitrophenol	14.49	139	79569	14.652	ng	99
57) 2,4-Dinitrotoluene	14.62	165	179144	19.651	ng	99
58) Fluorene	15.26	166	563215	19.698	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.84	232	129499	18.738	ng	98
60) Diethylphthalate	15.04	149	611215	20.773	ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	270143	19.454	ng	96
62) 4-Nitroaniline	15.33	138	117376	17.510	ng	97
63) Azobenzene	15.55	77	650610	21.013	ng	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	84602	17.041	ng	98
66) n-Nitrosodiphenylamine	15.48	169	472009	19.569	ng	98
67) 4-Bromophenyl-phenylether	16.15	248	165020	19.752	ng	98
68) Hexachlorobenzene	16.26	284	197802	19.914	ng	99
69) Atrazine	16.44	200	169972	20.934	ng	99
70) Pentachlorophenol	16.62	266	96324	16.096	ng	96
71) Phenanthrene	17.00	178	864197	19.461	ng	99
72) Anthracene	17.10	178	852440	19.608	ng	100
73) Carbazole	17.39	167	800680	19.514	ng	100
74) Di-n-butylphthalate	17.93	149	1047867	21.119	ng	99
75) Fluoranthene	19.04	202	990945	19.447	ng	99
77) Benzidine	19.25	184	466818	20.254	ng	99
78) Pyrene	19.40	202	1022519	19.886	ng	100
80) Butylbenzylphthalate	20.31	149	490592	21.906	ng	99
81) Benzo(a)anthracene	21.16	228	1008843	19.787	ng	99
82) 3,3'-Dichlorobenzidine	21.11	252	400118	20.372	ng	98
83) Chrysene	21.22	228	966421	19.593	ng	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	745607	22.884	ng	99
85) Di-n-octyl phthalate	21.95	149	1250317	22.789	ng	100
86) Indeno(1,2,3-cd)pyrene	25.59	276	1040225	19.591	ng	100
88) Benzo(b)fluoranthene	22.72	252	992949	19.082	ng	99
89) Benzo(k)fluoranthene	22.76	252	962761	20.116	ng	100
90) Benzo(a)pyrene	23.29	252	910894	19.479	ng	98
91) Dibenzo(a,h)anthracene	25.59	278	872687	19.509	ng	97
92) Benzo(g,h,i)perylene	26.27	276	810089	19.725	ng	99

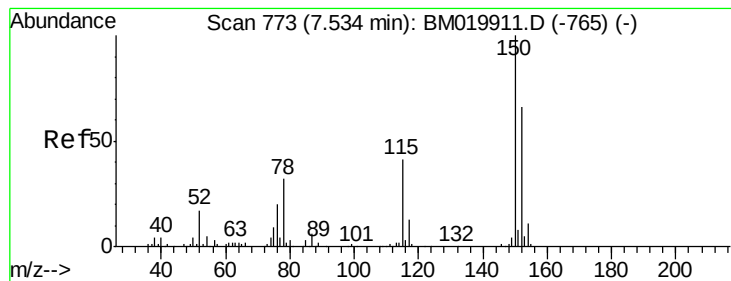
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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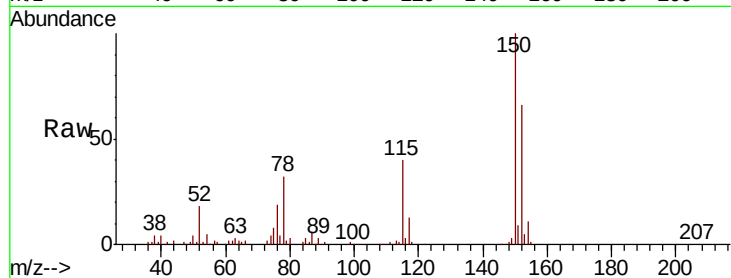


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 773
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	122.1	183.1
115	60.1	50.0	75.0

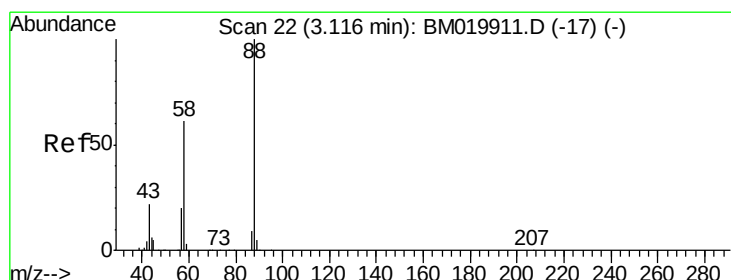
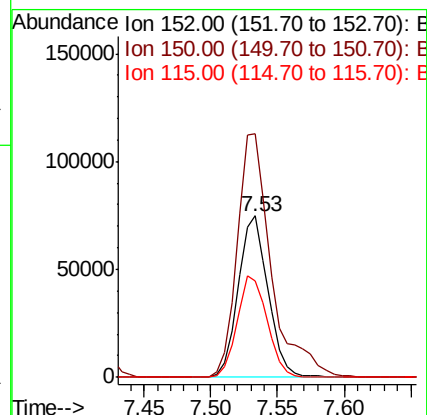
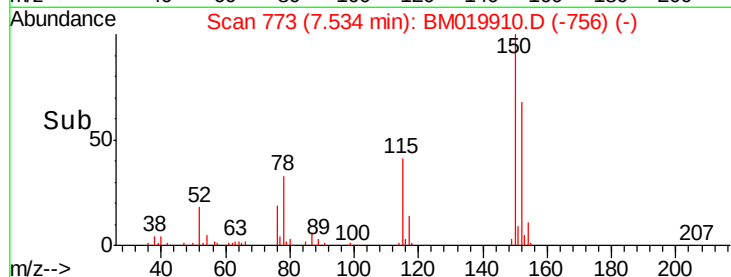


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

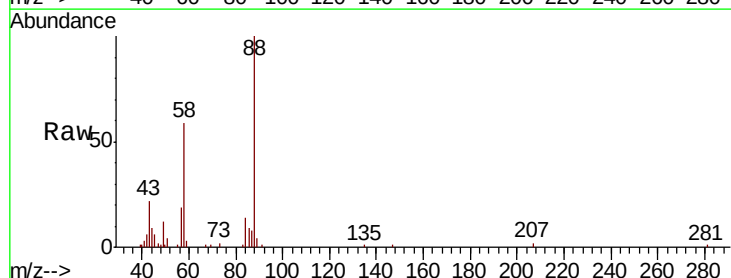
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 19.228 ng
RT: 3.12 min Scan# 22
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.5	49.6	74.4
43	24.5	18.6	27.8

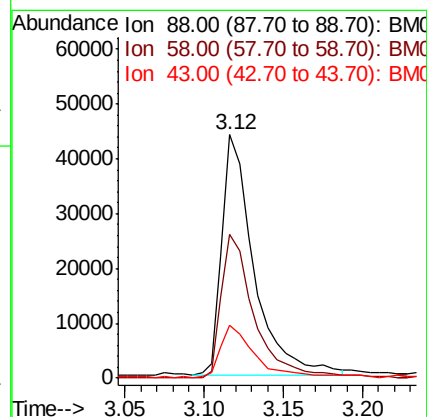
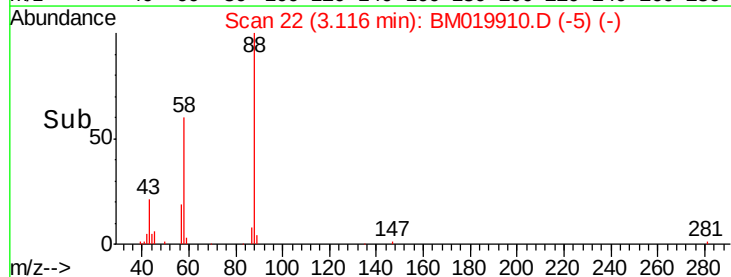


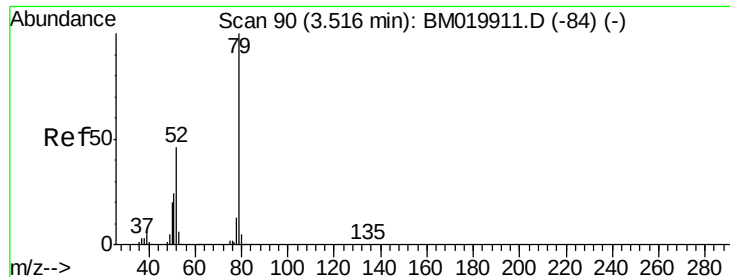
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 20.584 ng

RT: 3.53 min Scan# 92

Delta R.T. 0.01 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampleId :

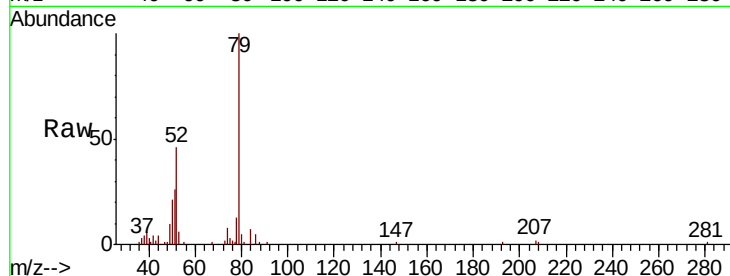
Tot Ion: 79 Resp: 178608

Ion Ratio Lower Upper

79 100

52 46.3 36.9 55.3

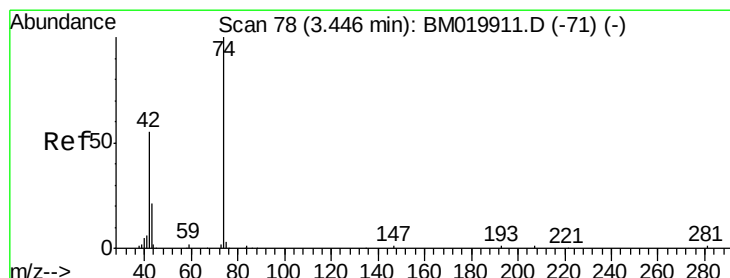
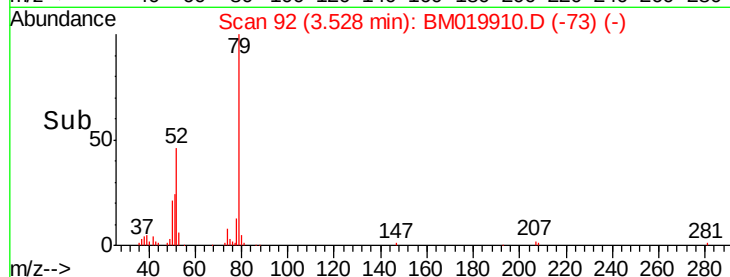
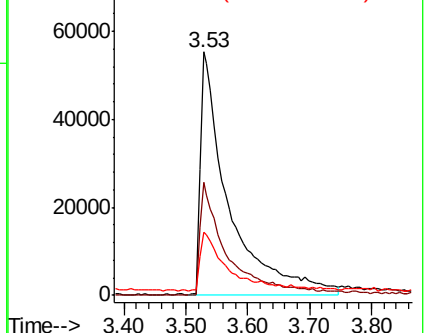
51 26.1 20.0 30.0



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

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

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



#4

n-Nitrosodimethylamine

Concen: 18.591 ng

RT: 3.45 min Scan# 79

Delta R.T. 0.01 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

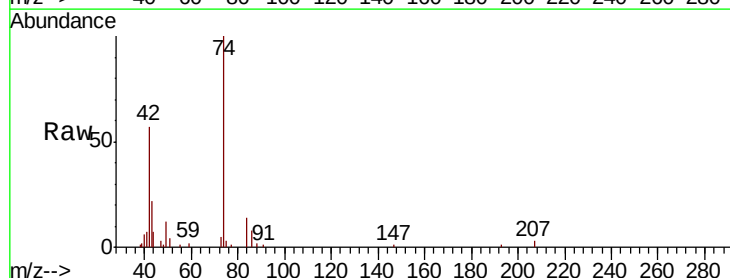
Tgt Ion: 42 Resp: 50148

Ion Ratio Lower Upper

42 100

74 174.7 144.6 217.0

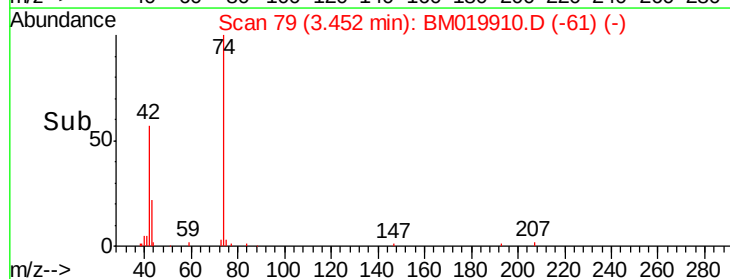
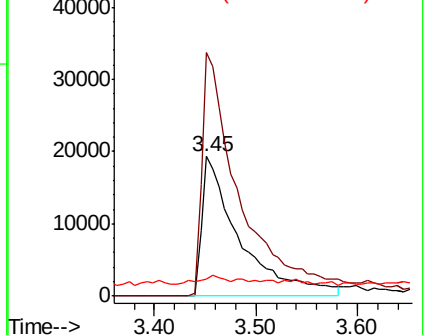
44 12.0 5.4 8.2#

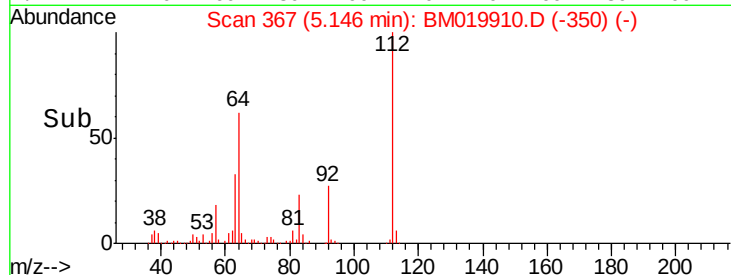
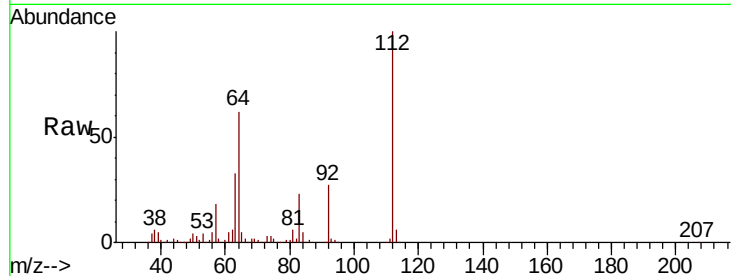
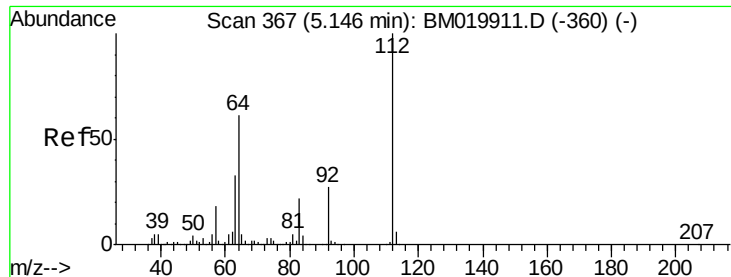


Abundance Ion 42.00 (41.70 to 42.70): BM019911.D (-71) (-)

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

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





#5

2-Fluorophenol

Concen: 37.771 ng

RT: 5.15 min Scan# 367

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

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ClientSampleId :

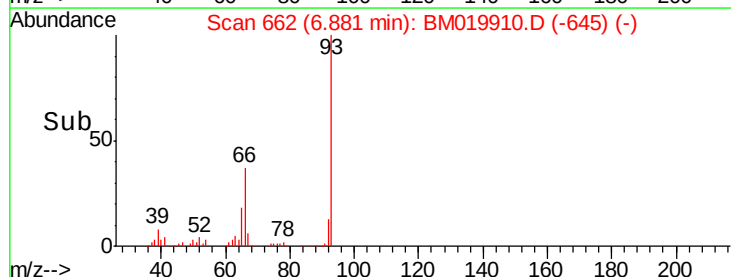
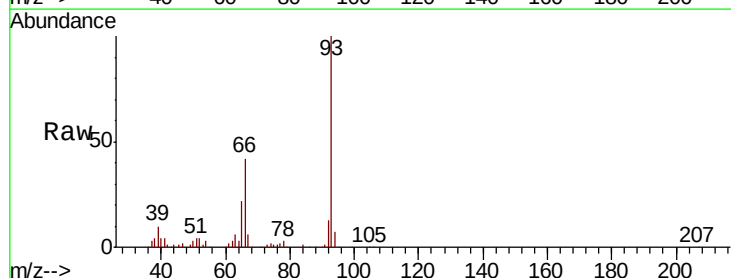
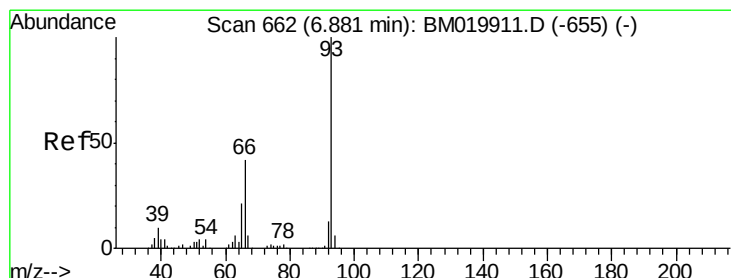
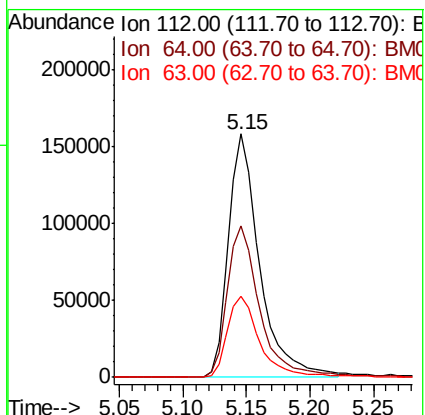
Tot Ion:112 Resp: 270790

Ion Ratio Lower Upper

112 100

64 62.4 49.1 73.7

63 33.5 26.5 39.7



#6

Aniline

Concen: 19.472 ng

RT: 6.88 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

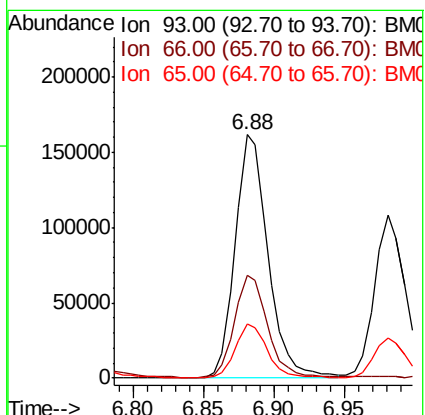
Tgt Ion: 93 Resp: 263635

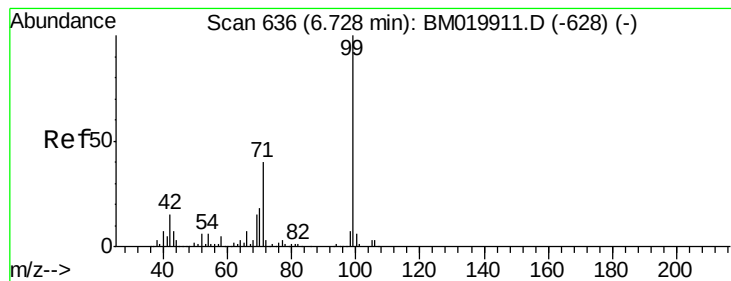
Ion Ratio Lower Upper

93 100

66 42.1 33.9 50.9

65 22.1 17.0 25.6





#7

Phenol-d6

Concen: 38.198 ng

RT: 6.73 min Scan# 636

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

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ClientSampleId :

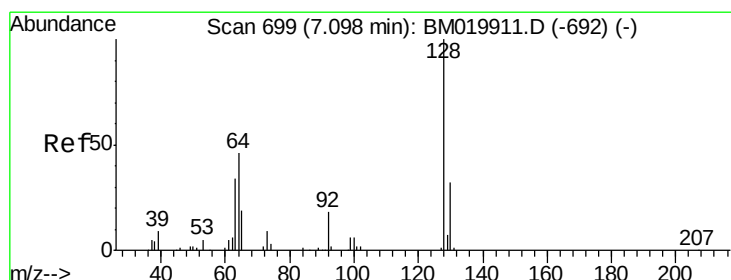
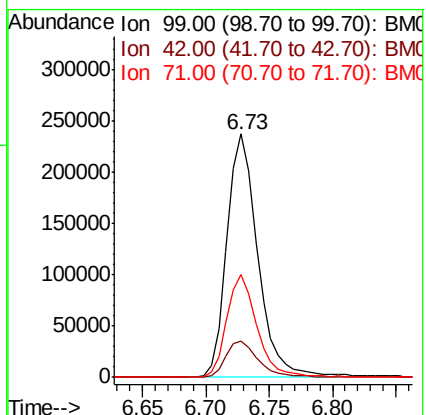
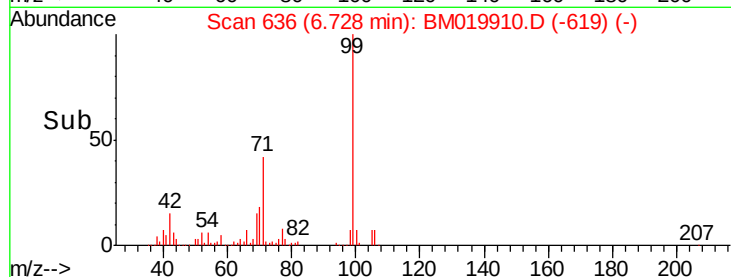
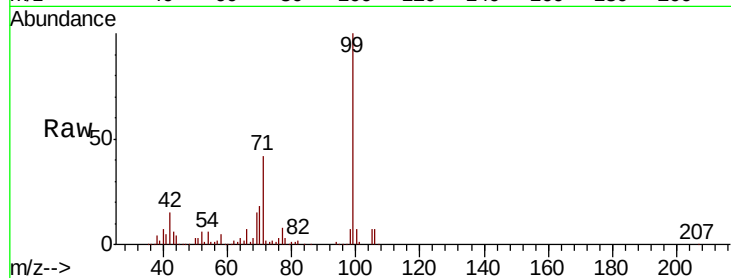
Tot Ion: 99 Resp: 400568

Ion Ratio Lower Upper

99 100

42 15.1 11.8 17.8

71 42.3 32.0 48.0



#8

2-Chlorophenol

Concen: 19.804 ng

RT: 7.10 min Scan# 699

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

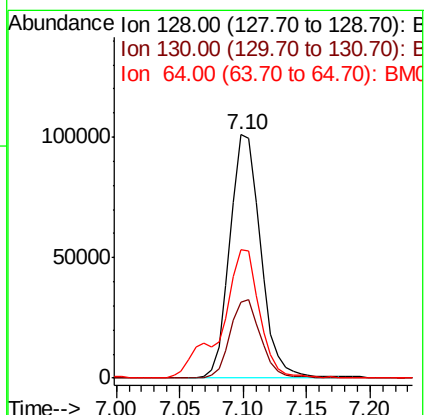
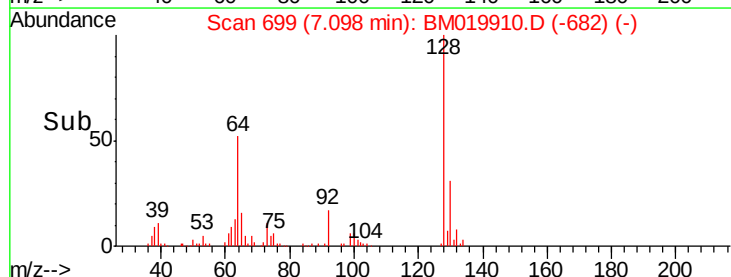
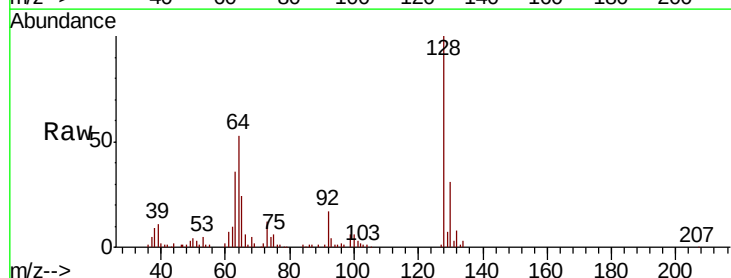
Tgt Ion: 128 Resp: 170621

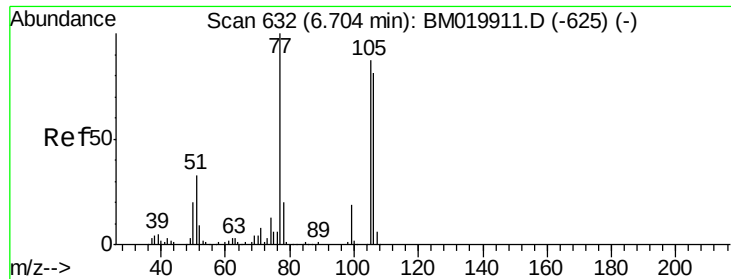
Ion Ratio Lower Upper

128 100

130 31.3 12.0 52.0

64 52.9 33.0 73.0





#9

Benzaldehyde

Concen: 22.172 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampled :

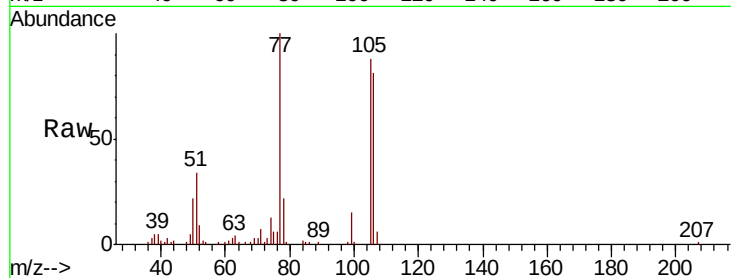
Tot Ion: 77 Resp: 146250

Ion Ratio Lower Upper

77 100

105 88.0 67.3 107.3

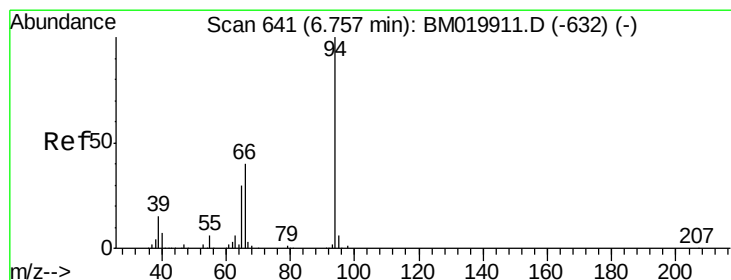
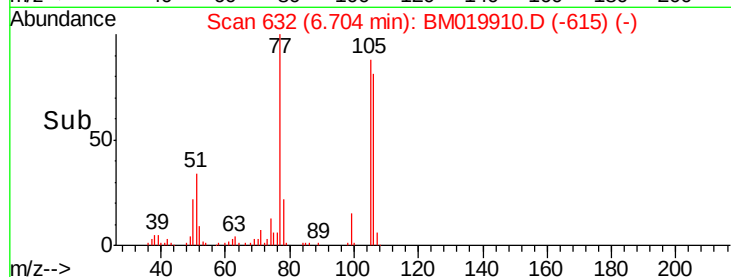
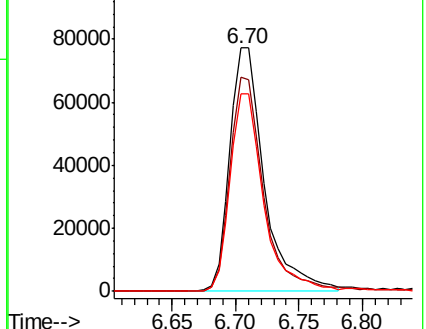
106 81.3 60.6 100.6



Abundance Ion 77.00 (76.70 to 77.70): BM019910.D (-615) (-)

Ion 105.00 (104.70 to 105.70): BM019910.D (-615) (-)

Ion 106.00 (105.70 to 106.70): BM019910.D (-615) (-)



#10

Phenol

Concen: 19.369 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

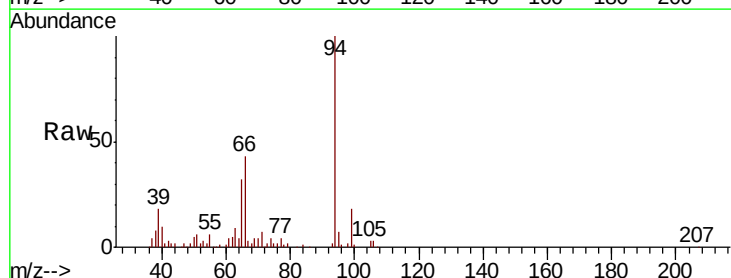
Tgt Ion: 94 Resp: 218902

Ion Ratio Lower Upper

94 100

65 31.8 10.0 50.0

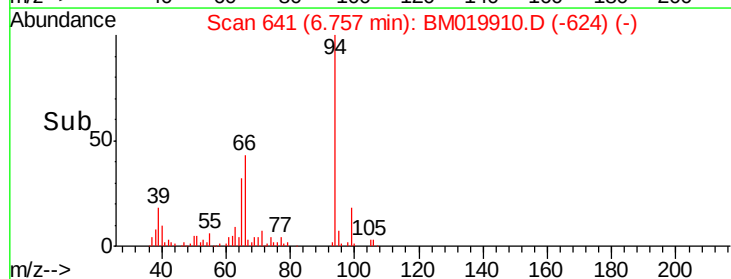
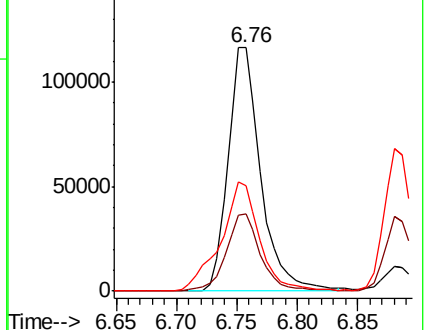
66 43.1 20.2 60.2

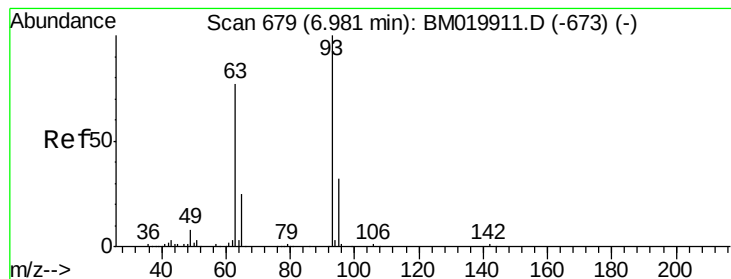


Abundance Ion 94.00 (93.70 to 94.70): BM019910.D (-624) (-)

Ion 65.00 (64.70 to 65.70): BM019910.D (-624) (-)

Ion 66.00 (65.70 to 66.70): BM019910.D (-624) (-)

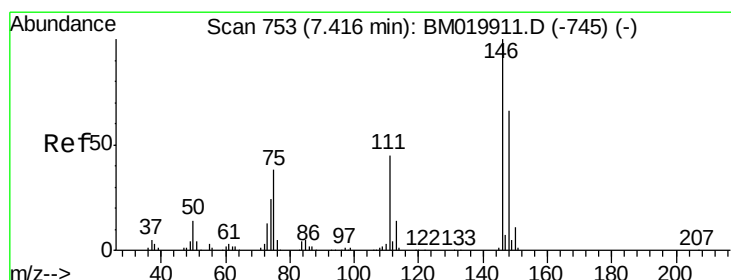
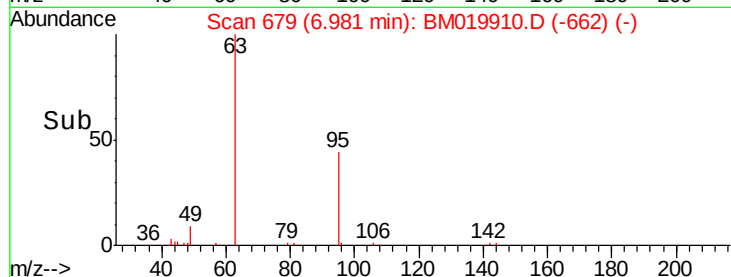
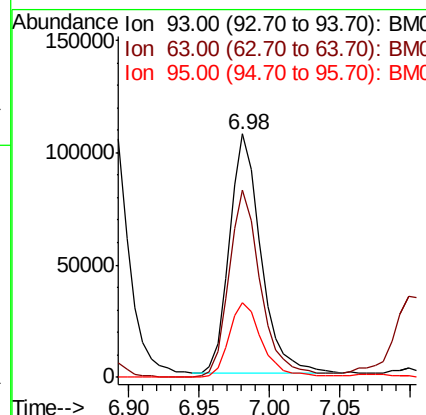
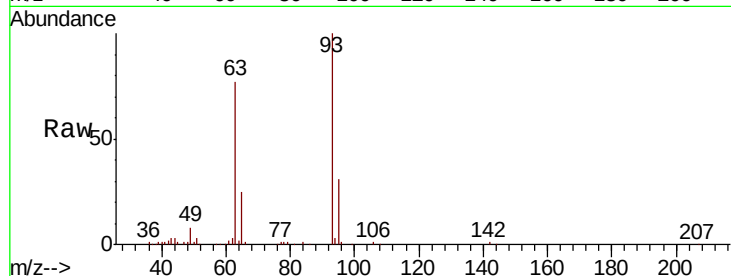




#11
bis(2-Chloroethyl)ether
Concen: 18.971 ng
RT: 6.98 min Scan# 679
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

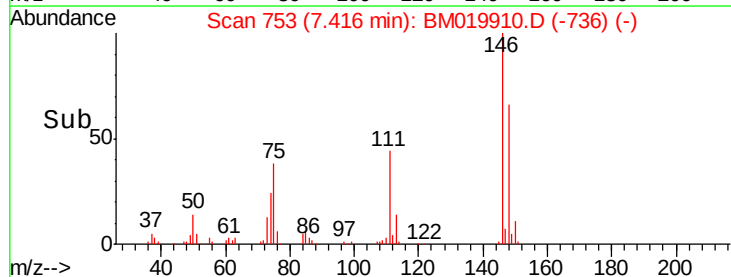
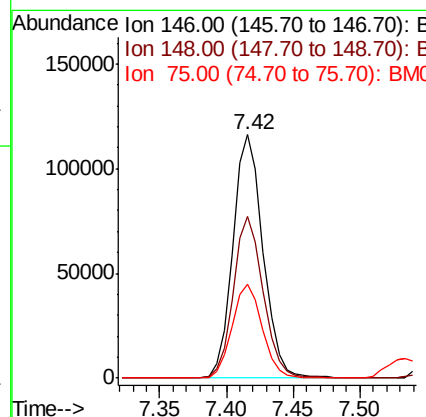
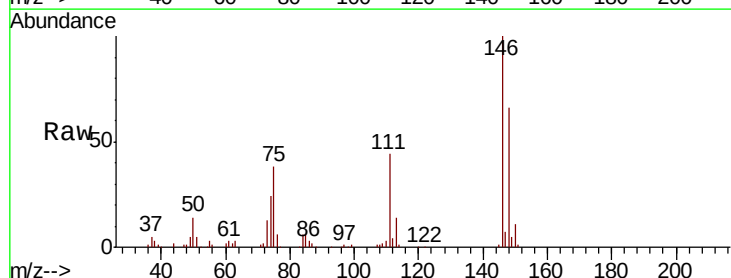
Instrument :
BNA_M
ClientSampleId :

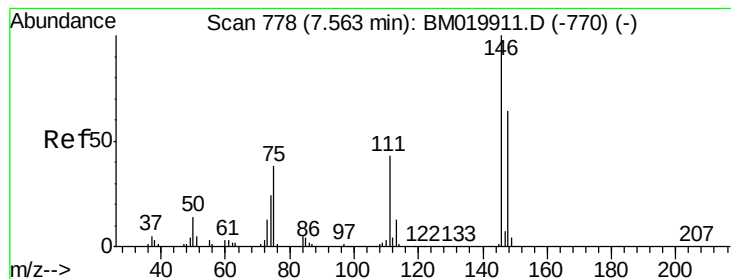
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.7	55.8	95.8
95	30.7	11.6	51.6



#12
1,3-Dichlorobenzene
Concen: 20.024 ng
RT: 7.42 min Scan# 753
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.6	78.8
75	38.5	30.0	45.0

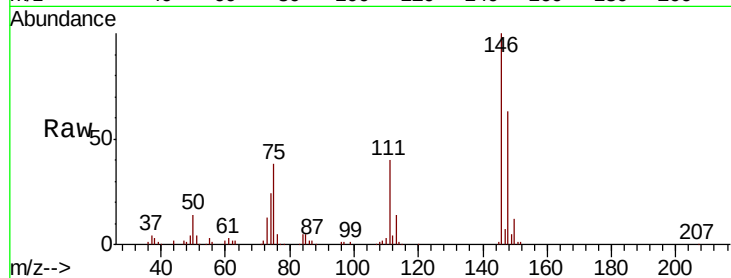




#13
 1,4-Dichlorobenzene
 Concen: 20.008 ng
 RT: 7.57 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: BM019910.D
 Acq: 15 Apr 2019 11:50

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.1	76.7
111	40.2	34.6	51.8

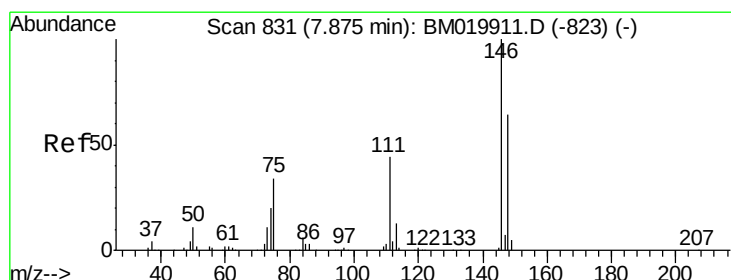
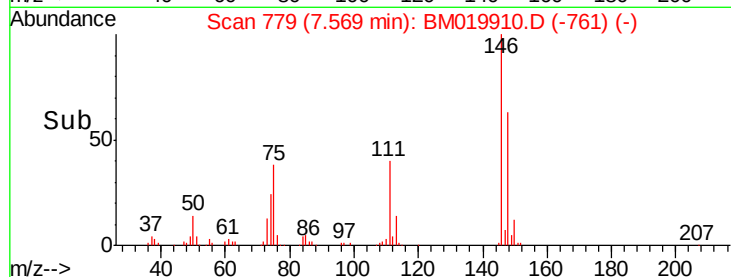
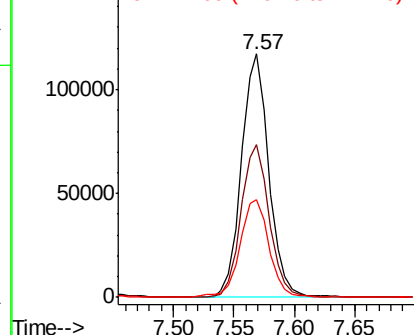


Abundance

Ion 146.00 (145.70 to 146.70): E

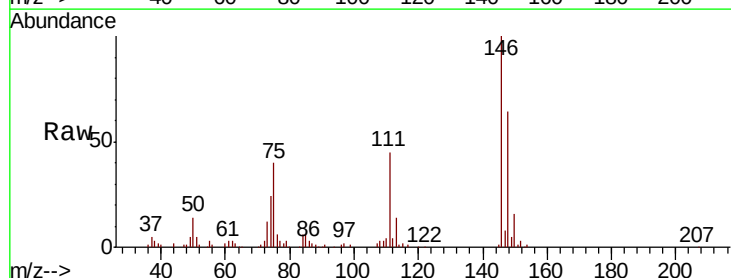
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 20.052 ng
 RT: 7.87 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BM019910.D
 Acq: 15 Apr 2019 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.2
111	45.1	35.4	53.0

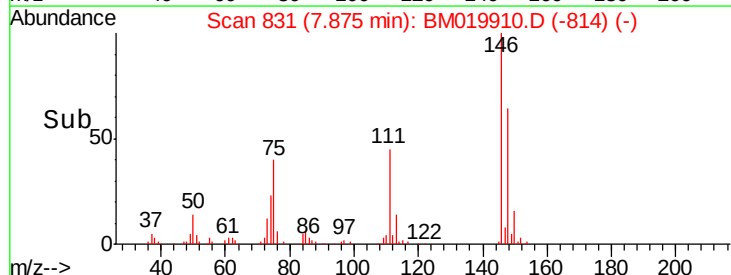
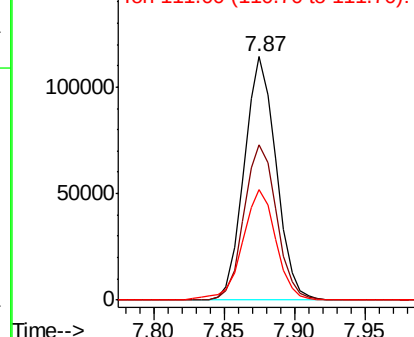


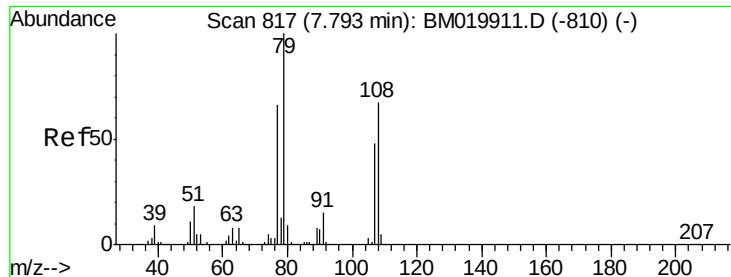
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 20.915 ng

RT: 7.80 min Scan# 818

Delta R.T. 0.01 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampled :

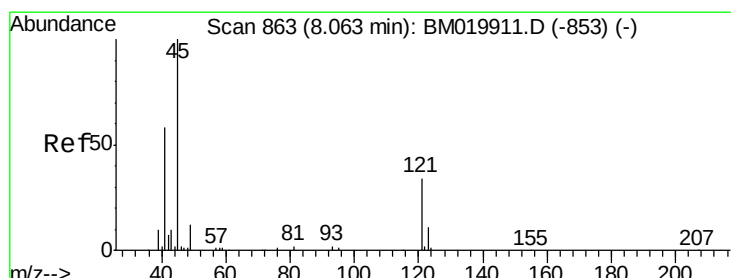
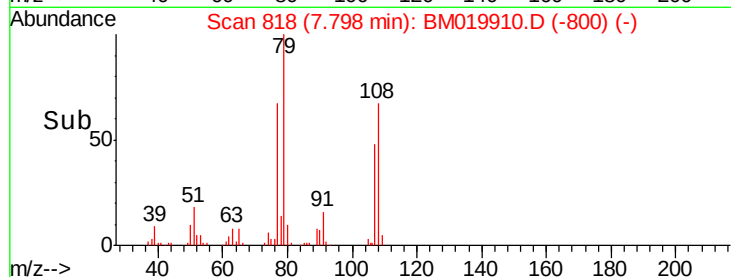
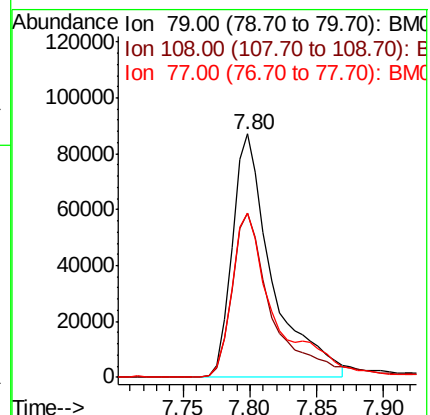
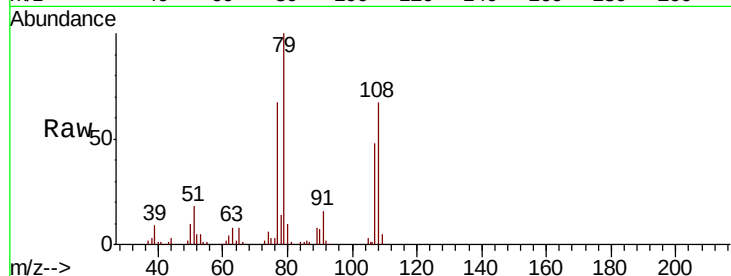
Tot Ion: 79 Resp: 181526

Ion Ratio Lower Upper

79 100

108 67.3 53.9 80.9

77 67.3 53.1 79.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 18.601 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

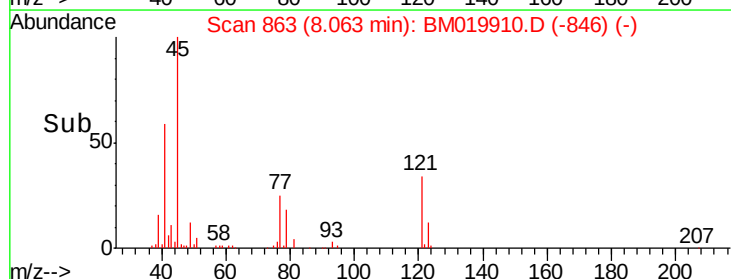
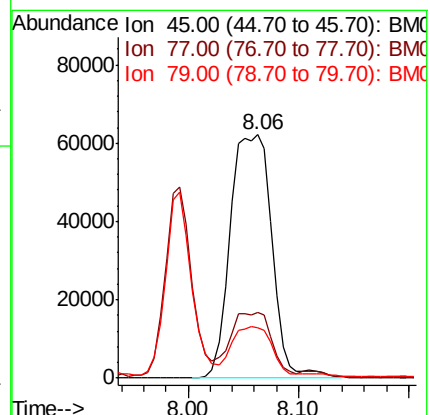
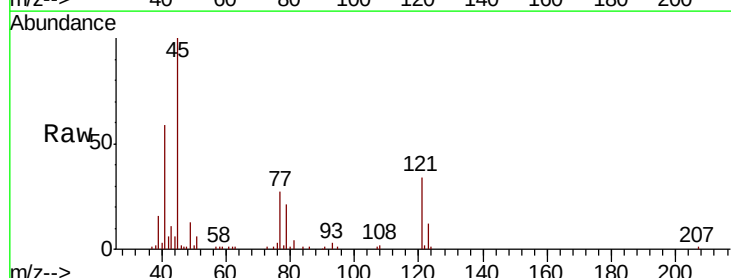
Tgt Ion: 45 Resp: 163789

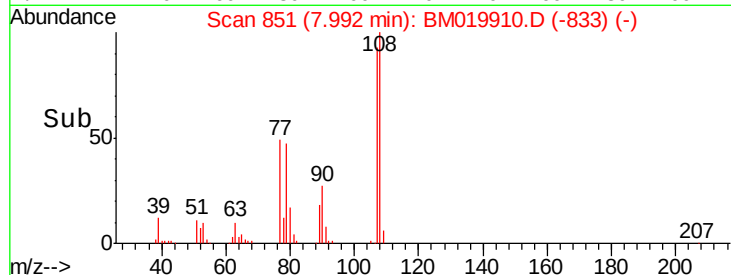
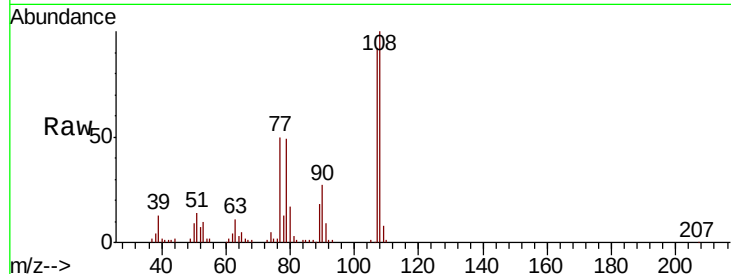
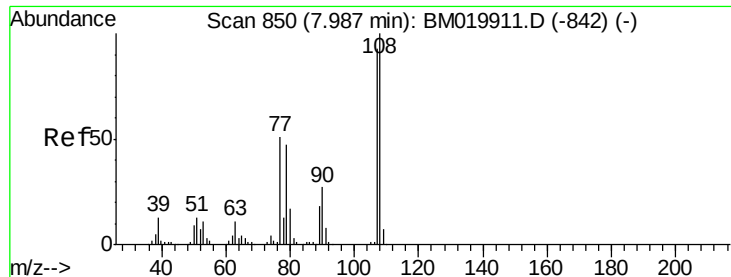
Ion Ratio Lower Upper

45 100

77 27.2 7.2 47.2

79 20.7 1.2 41.2

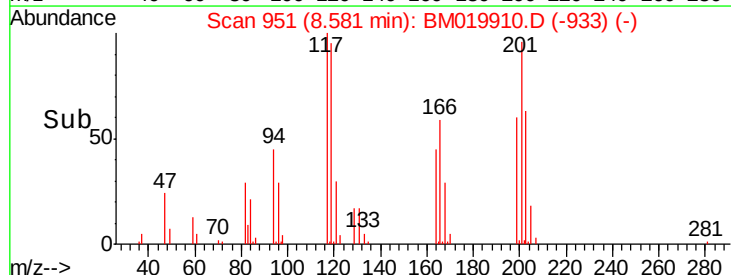
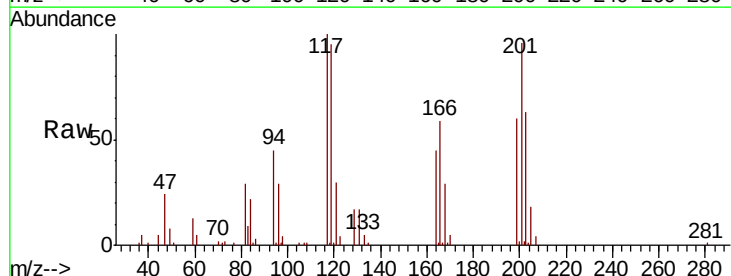
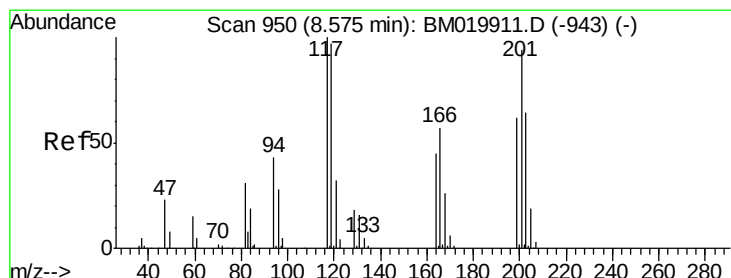
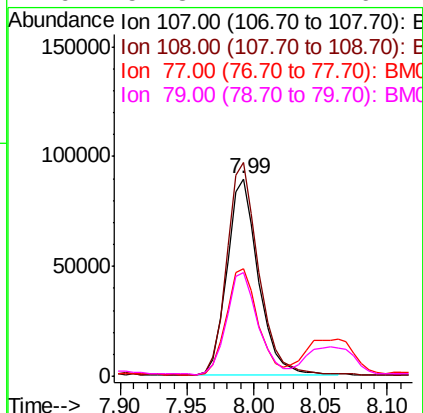




#17
2-Methylphenol
Concen: 20.110 ng
RT: 7.99 min Scan# 851
Delta R.T. 0.01 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

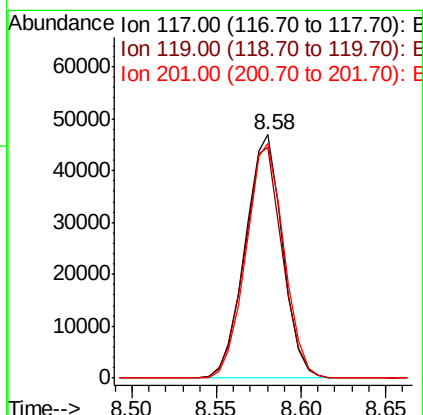
Instrument :
BNA_M
ClientSampled :

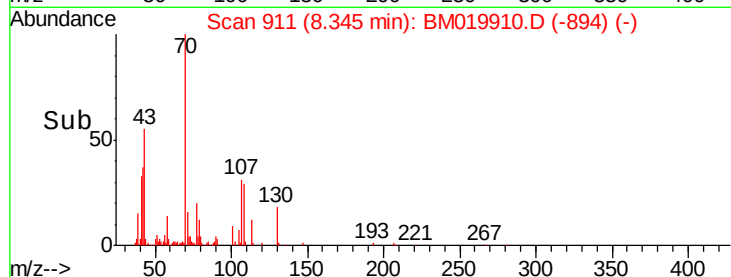
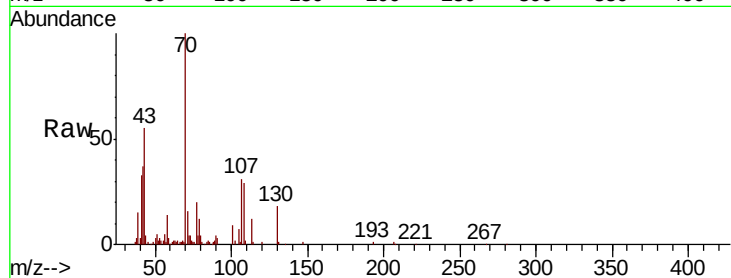
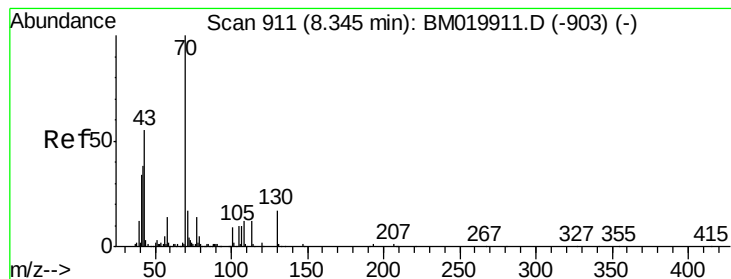
Tot Ion:	107	Resp:	148103
Ion	Ratio	Lower	Upper
107	100		
108	108.3	85.9	128.9
77	54.5	43.8	65.6
79	52.8	41.1	61.7



#18
Hexachloroethane
Concen: 20.765 ng
RT: 8.58 min Scan# 951
Delta R.T. 0.01 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Tgt Ion:	117	Resp:	71721
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.6	116.4
201	96.4	75.4	113.2





#19

n-Nitroso-di-n-propylamine

Concen: 21.469 ng

RT: 8.35 min Scan# 911

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 184707

Ion Ratio Lower Upper

70 100

42 37.0 30.3 45.5

101 8.7 6.9 10.3

130 18.3 13.8 20.6

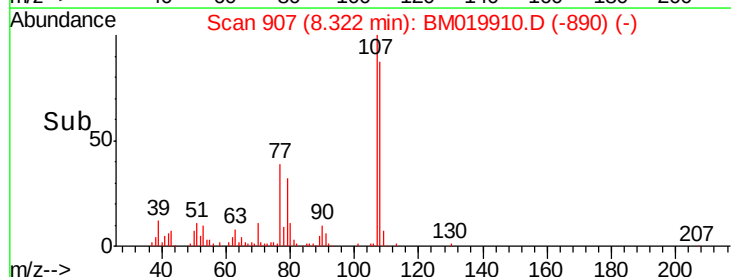
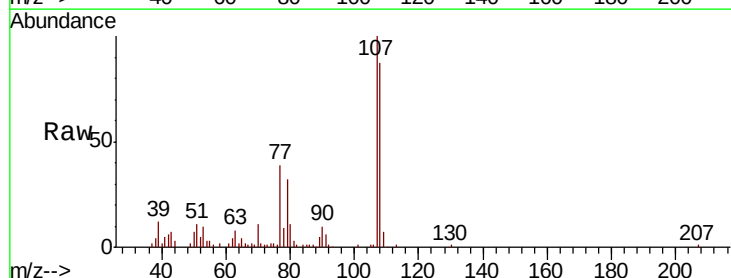
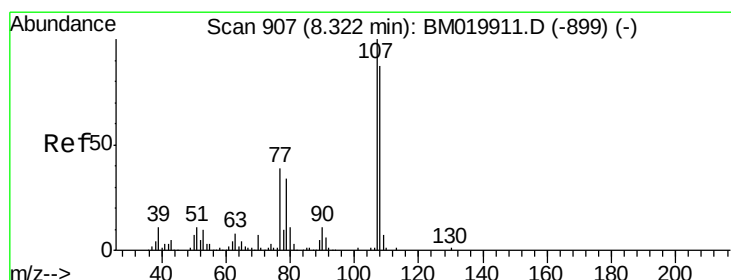
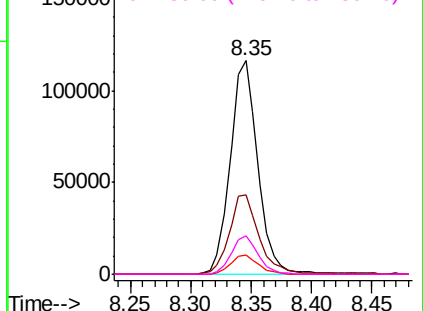
Abundance

Ion 70.00 (69.70 to 70.70): BM019911.D (-903) (-)

Ion 42.00 (41.70 to 42.70): BM019911.D (-903) (-)

Ion 101.00 (100.70 to 101.70): BM019911.D (-903) (-)

Ion 130.00 (129.70 to 130.70): BM019911.D (-903) (-)



#20

3+4-Methylphenols

Concen: 20.059 ng

RT: 8.32 min Scan# 907

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Tgt Ion:107 Resp: 200521

Ion Ratio Lower Upper

107 100

108 87.4 67.4 107.4

77 39.3 19.7 59.7

79 32.1 14.1 54.1

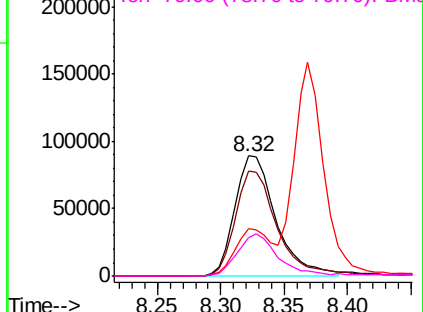
Abundance

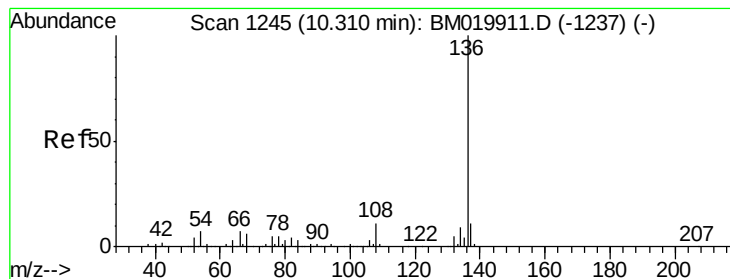
Ion 107.00 (106.70 to 107.70): BM019911.D (-899) (-)

Ion 108.00 (107.70 to 108.70): BM019911.D (-899) (-)

Ion 77.00 (76.70 to 77.70): BM019911.D (-899) (-)

Ion 79.00 (78.70 to 79.70): BM019911.D (-899) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 548214

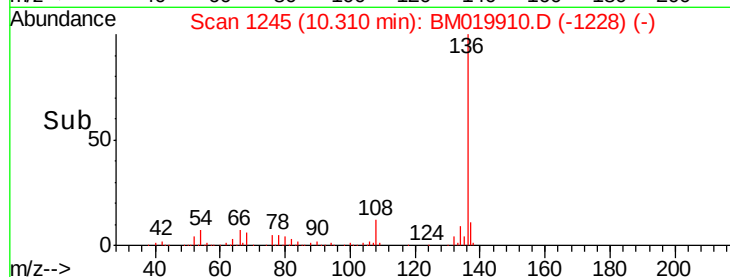
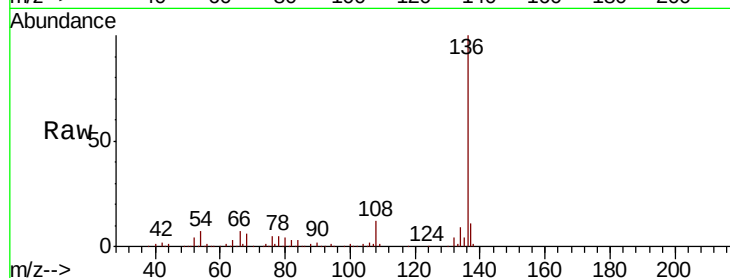
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 6.6 5.3 7.9

68 6.3 5.2 7.8



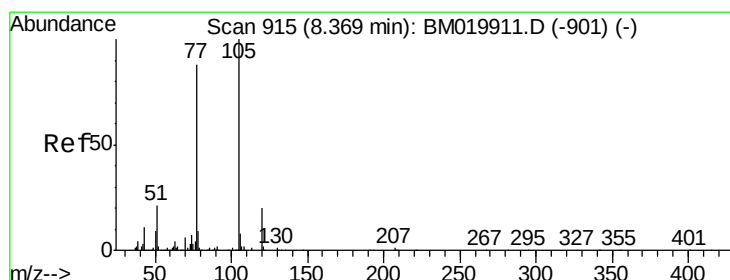
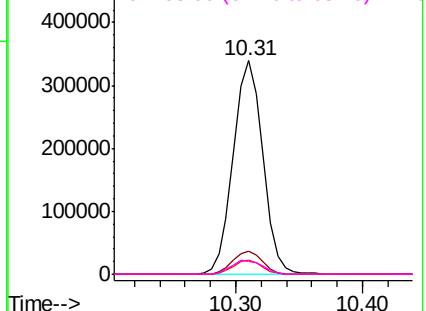
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 19.050 ng

RT: 8.37 min Scan# 915

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Tgt Ion:105 Resp: 288607

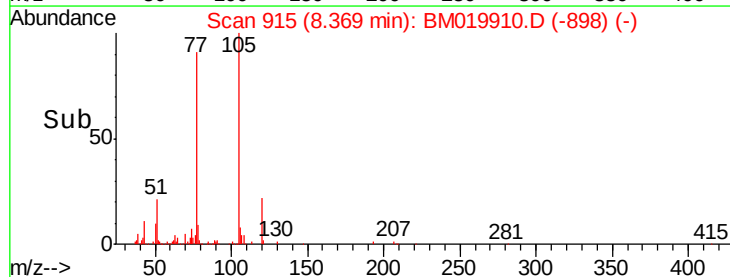
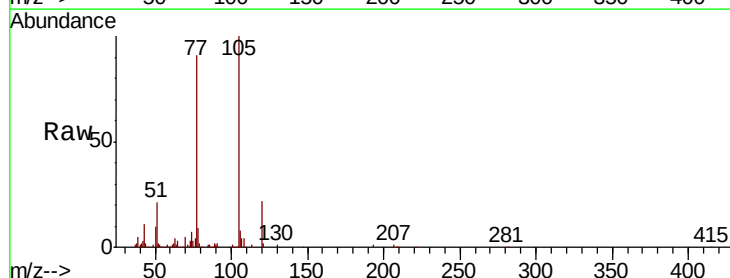
Ion Ratio Lower Upper

105 100

71 1.0 0.8 1.2

51 21.3 16.9 25.3

120 21.5 16.4 24.6



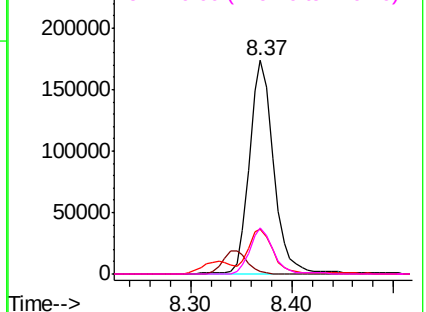
Abundance

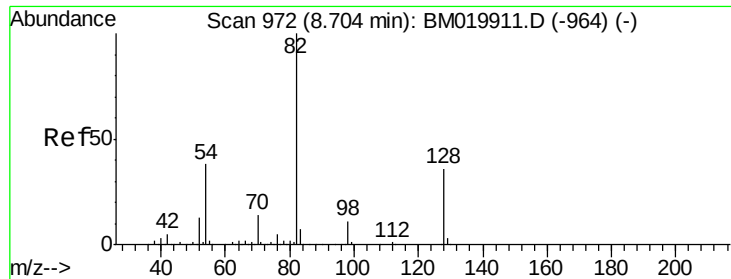
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

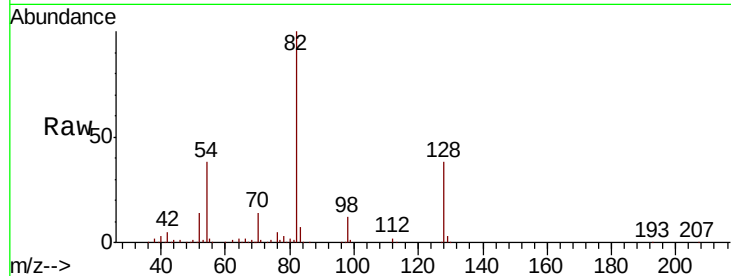




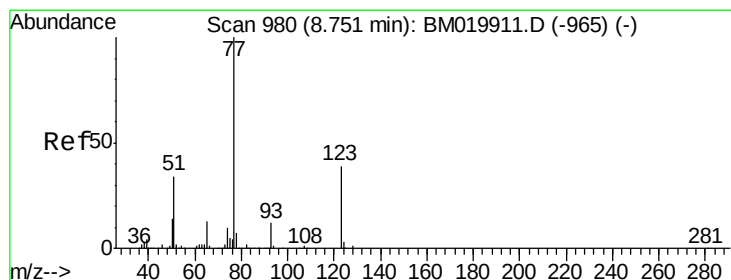
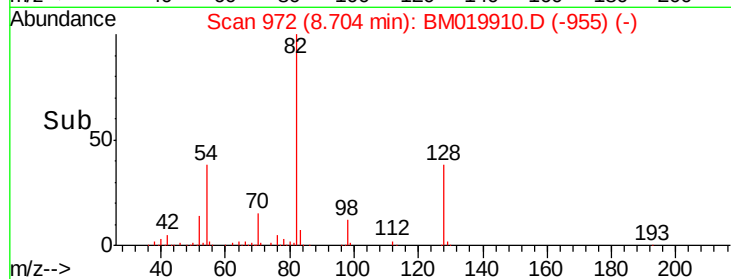
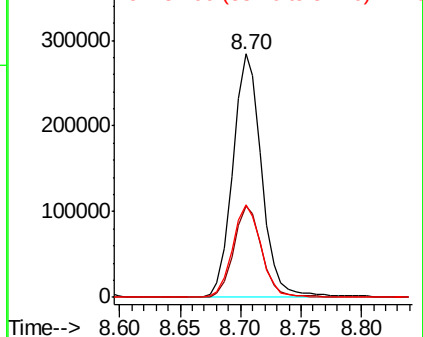
#23
 Nitrobenzene-d5
 Concen: 40.747 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM019910.D
 Acq: 15 Apr 2019 11:50

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	82	Resp	472562
Ion Ratio	100	Lower	Upper
128	37.6	29.0	43.4
54	37.9	30.2	45.4

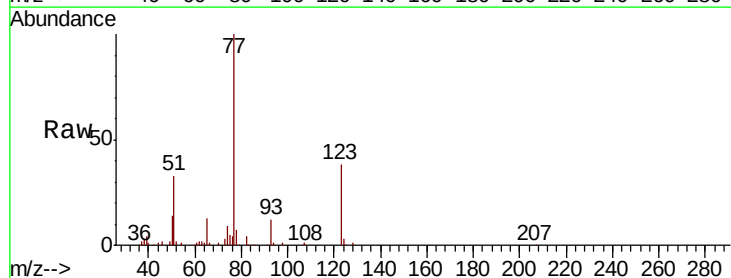


Abundance Ion 82.00 (81.70 to 82.70): BM019910.D (-955) (-)

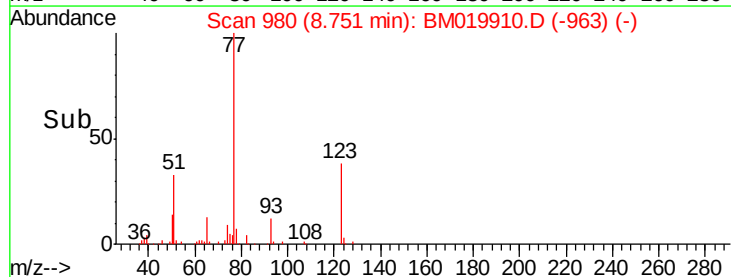
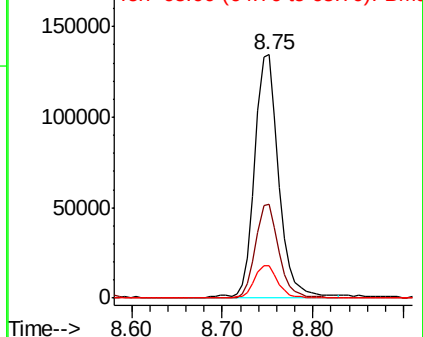


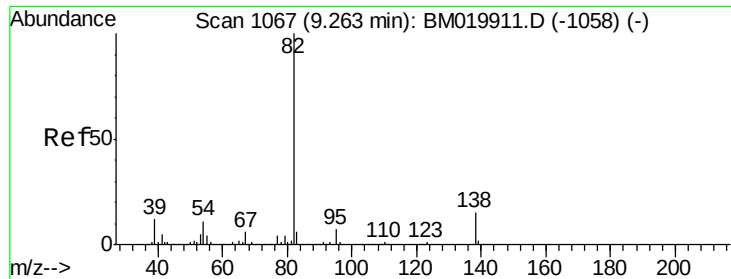
#24
 Nitrobenzene
 Concen: 20.427 ng
 RT: 8.75 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BM019910.D
 Acq: 15 Apr 2019 11:50

Tgt Ion	77	Resp	246375
Ion Ratio	100	Lower	Upper
123	38.4	31.0	46.4
65	13.2	10.6	16.0



Abundance Ion 77.00 (76.70 to 77.70): BM019910.D (-963) (-)





#25

Isophorone

Concen: 21.147 ng

RT: 9.26 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampleId :

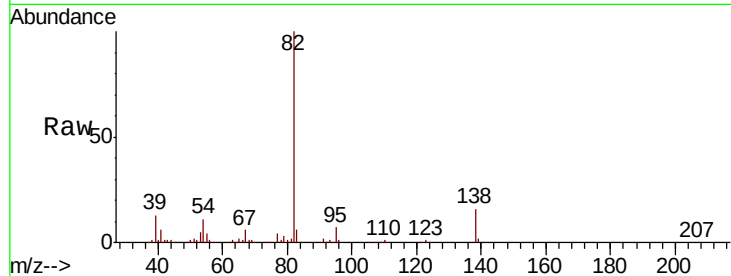
Tot Ion: 82 Resp: 467976

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

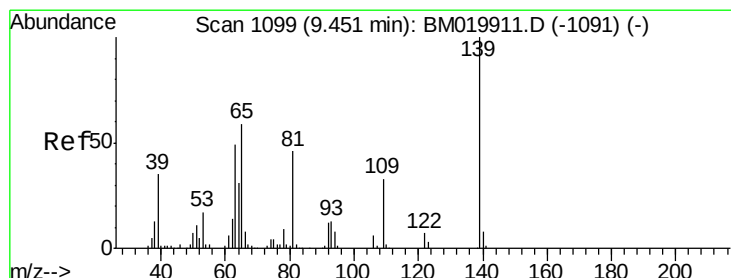
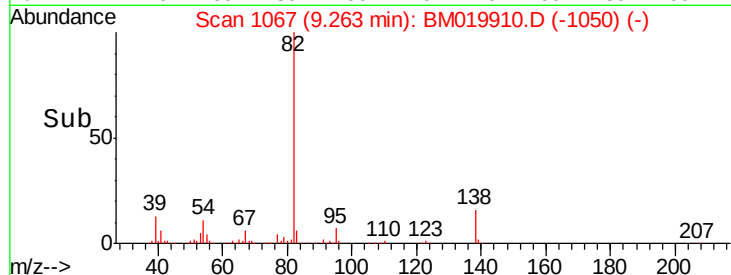
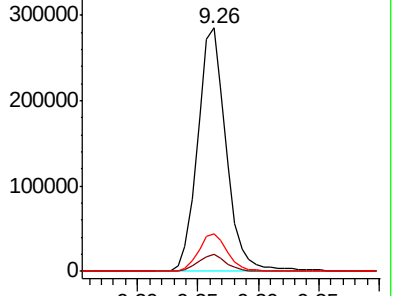
138 15.7 12.2 18.2



Abundance Ion 82.00 (81.70 to 82.70): BM019911.D (-1058) (-)

Ion 95.00 (94.70 to 95.70): BM019911.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM019911.D (-1058) (-)



#26

2-Nitrophenol

Concen: 20.374 ng

RT: 9.45 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

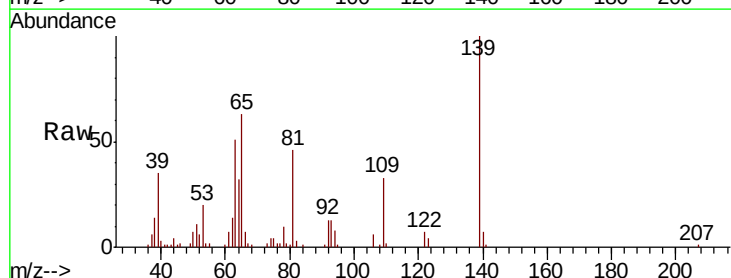
Tgt Ion: 139 Resp: 101862

Ion Ratio Lower Upper

139 100

109 33.4 26.3 39.5

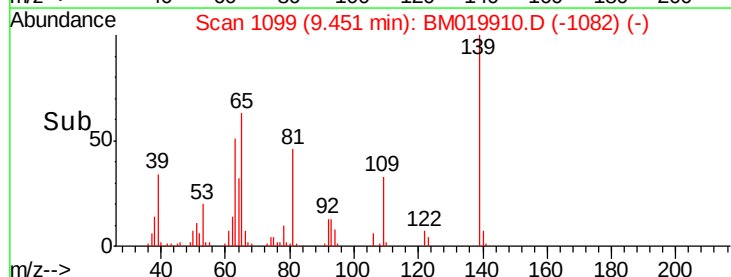
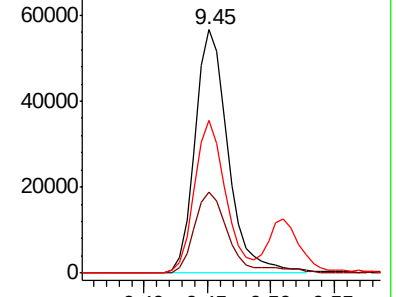
65 62.6 47.4 71.2

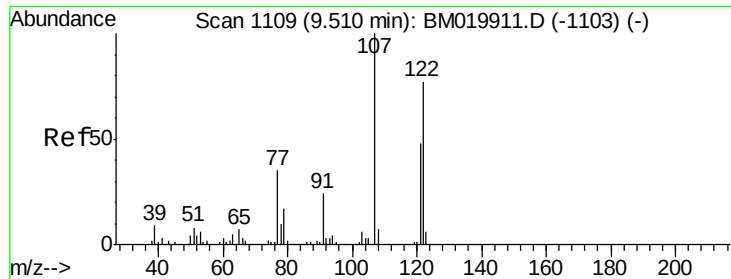


Abundance Ion 139.00 (138.70 to 139.70): BM019911.D (-1091) (-)

Ion 109.00 (108.70 to 109.70): BM019911.D (-1091) (-)

Ion 65.00 (64.70 to 65.70): BM019911.D (-1091) (-)





#27

2,4-Dimethylphenol

Concen: 19.947 ng

RT: 9.51 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampleId :

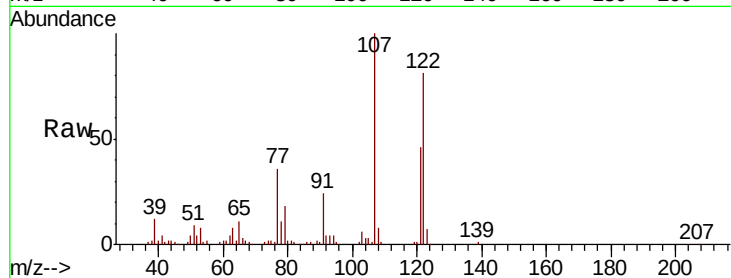
Tot Ion:122 Resp: 148263

Ion Ratio Lower Upper

122 100

107 123.1 103.1 154.7

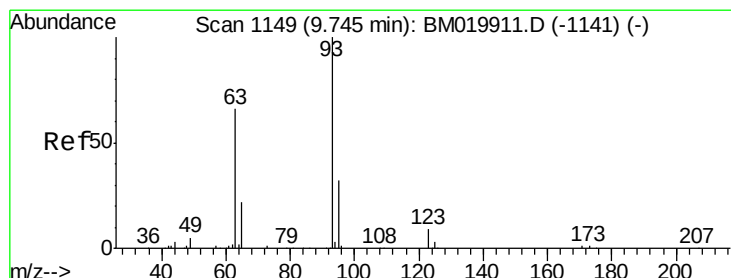
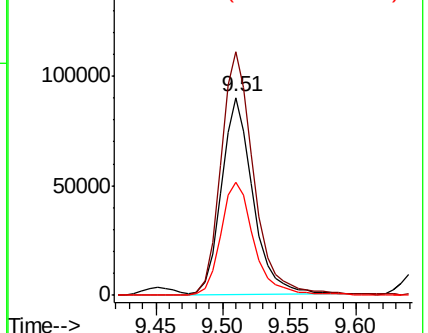
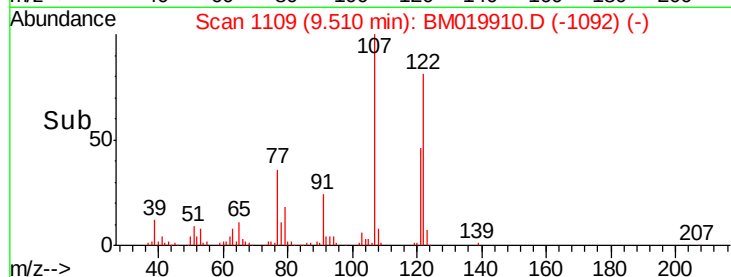
121 56.9 49.8 74.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 19.927 ng

RT: 9.75 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

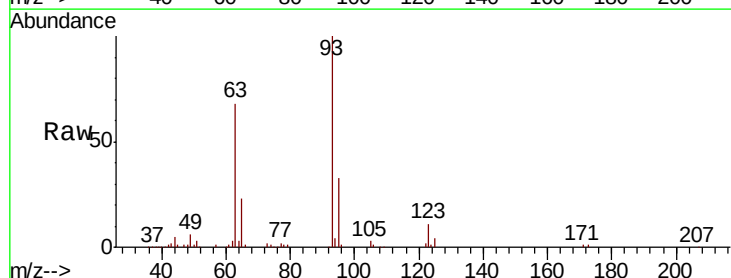
Tgt Ion: 93 Resp: 261110

Ion Ratio Lower Upper

93 100

95 33.2 25.8 38.8

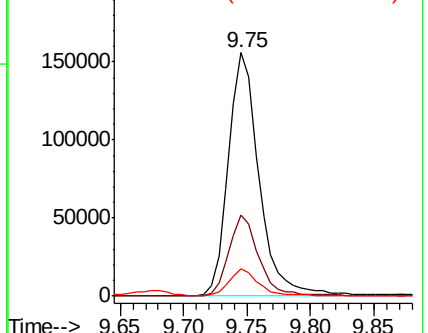
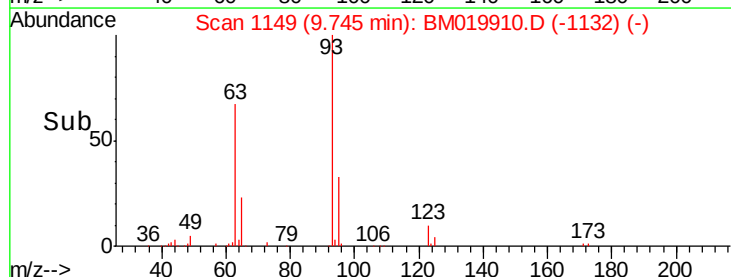
123 11.0 8.2 12.2

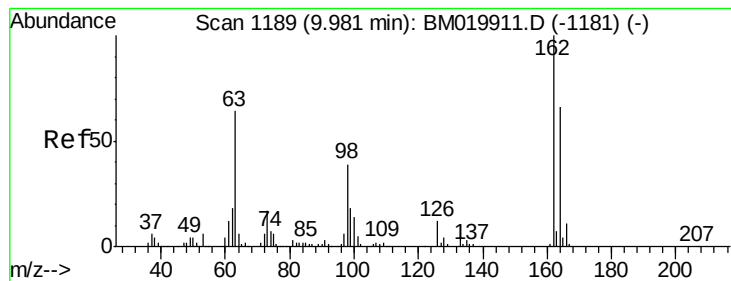


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 20.136 ng

RT: 9.99 min Scan# 1190

Delta R.T. 0.01 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampleId :

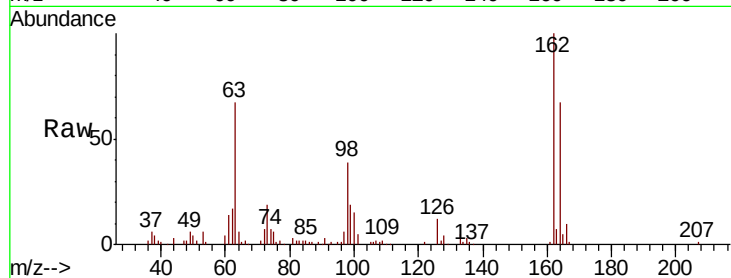
Tot Ion:162 Resp: 165755

Ion Ratio Lower Upper

162 100

164 66.7 46.3 86.3

98 38.9 19.2 59.2

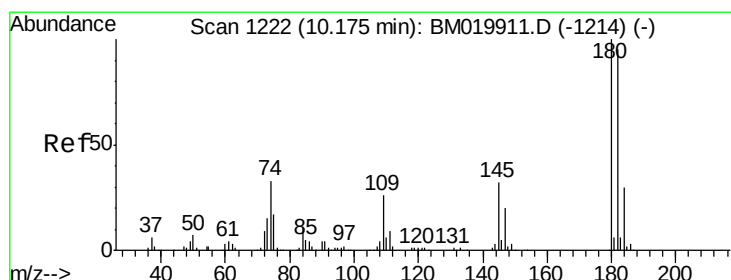
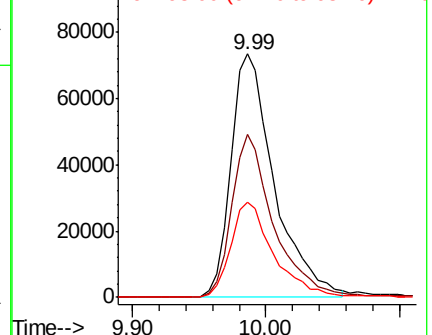
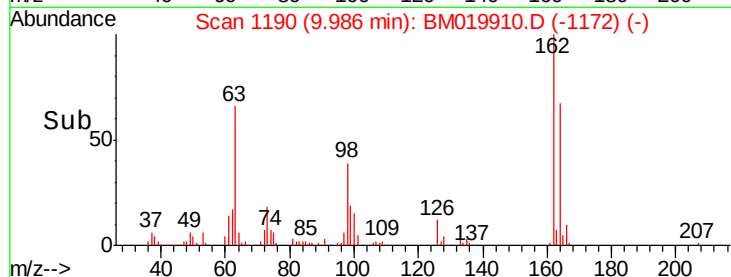


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 19.579 ng

RT: 10.17 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

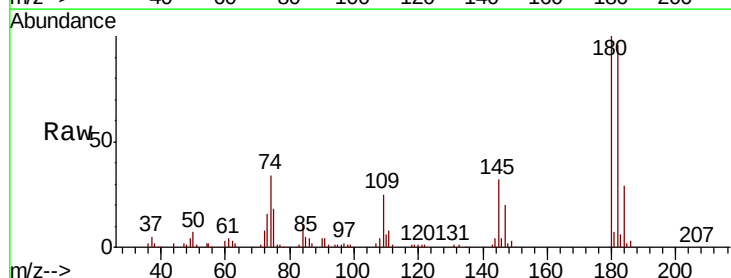
Tgt Ion:180 Resp: 181739

Ion Ratio Lower Upper

180 100

182 95.7 76.3 114.5

145 31.6 25.5 38.3

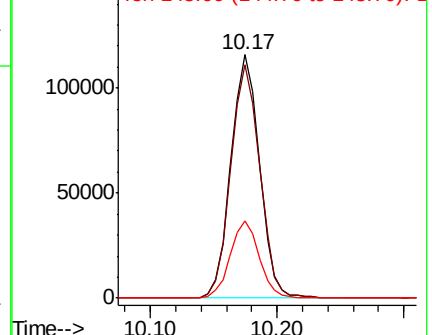
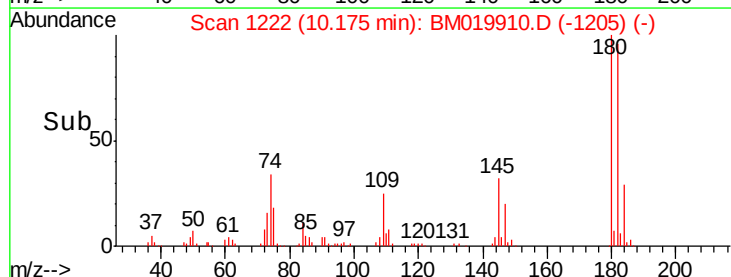


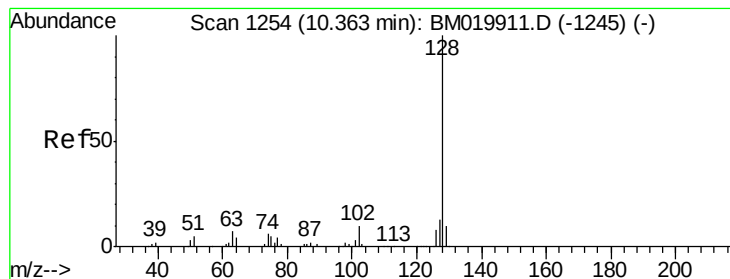
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 19.846 ng

RT: 10.36 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampleId :

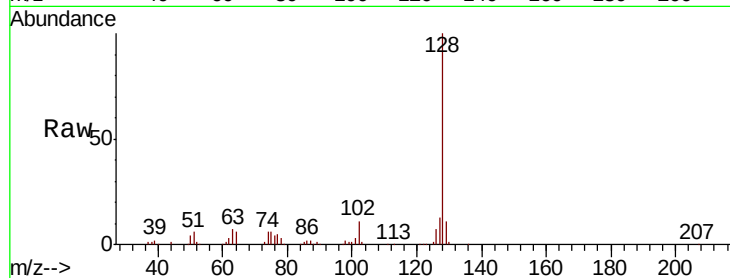
Tot Ion:128 Resp: 573450

Ion Ratio Lower Upper

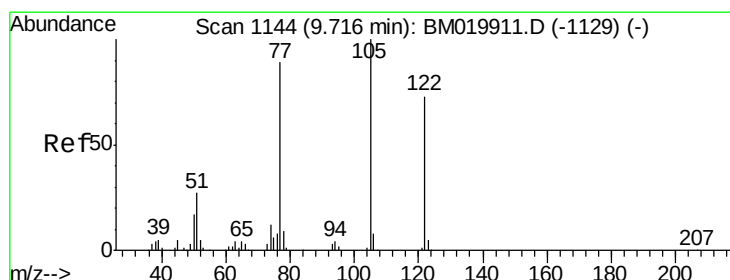
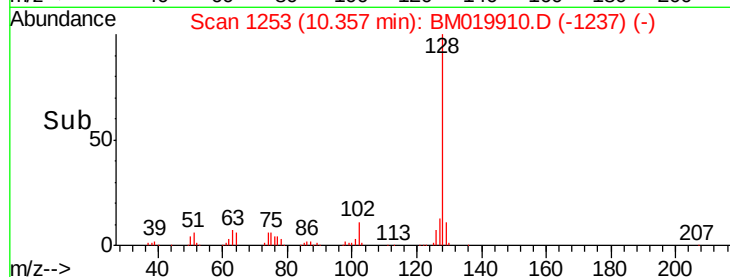
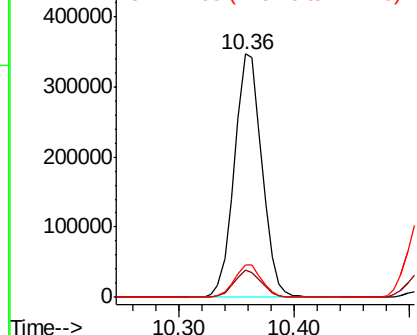
128 100

129 11.1 8.3 12.5

127 13.5 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: 16.161 ng

RT: 9.68 min Scan# 1138

Delta R.T. -0.04 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

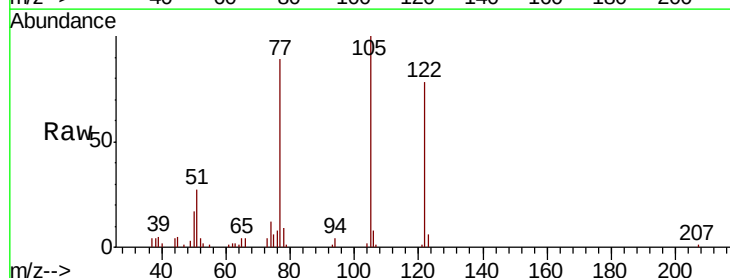
Tgt Ion:122 Resp: 101733

Ion Ratio Lower Upper

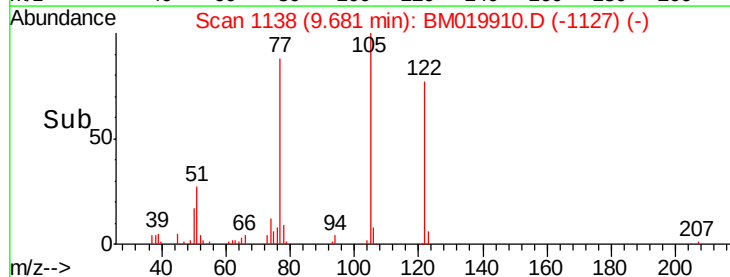
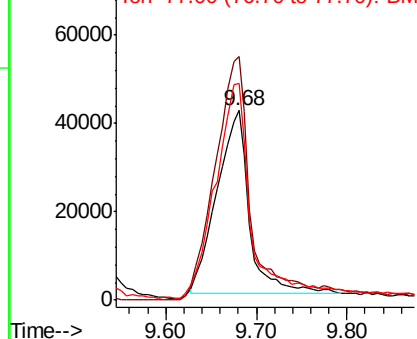
122 100

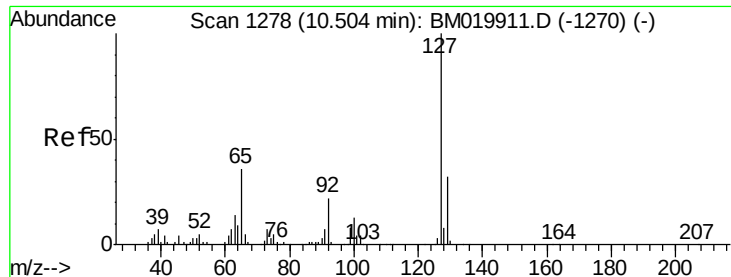
105 128.3 114.8 154.8

77 113.9 100.2 140.2



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

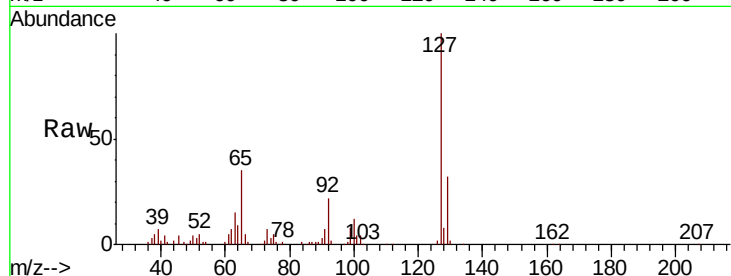




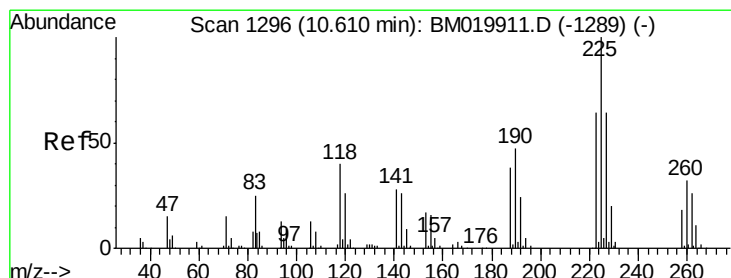
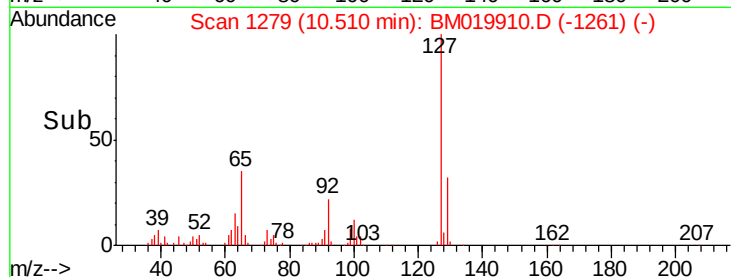
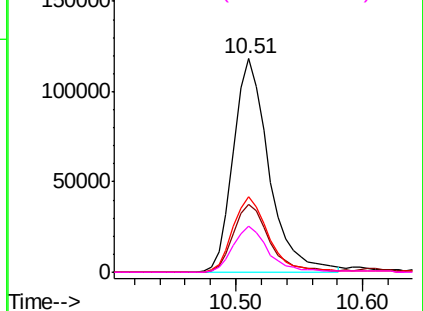
#33
4-Chloroaniline
Concen: 19.517 ng
RT: 10.51 min Scan# 1279
Delta R.T. 0.01 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127	Resp:	231174
Ion Ratio	Lower	Upper
127	100	
129	31.8	25.4 38.0
65	35.1	29.2 43.8
92	21.9	17.5 26.3

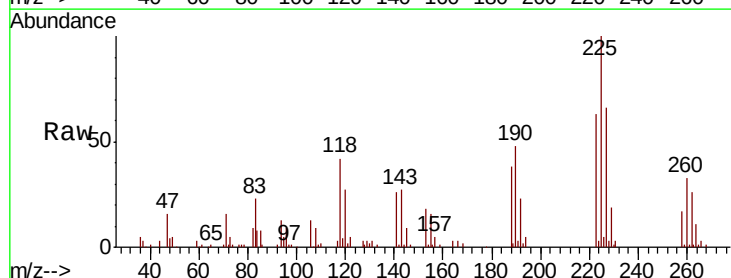


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

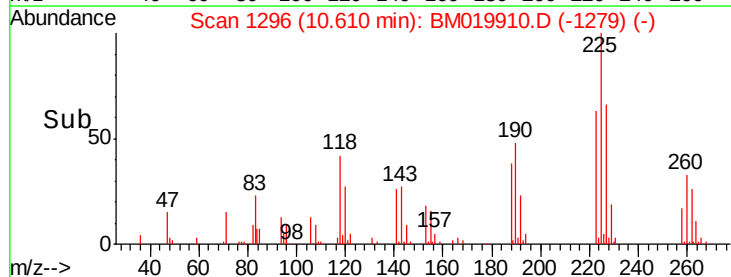
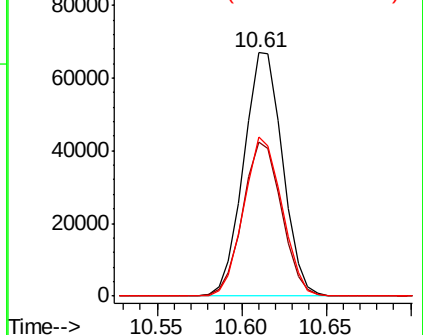


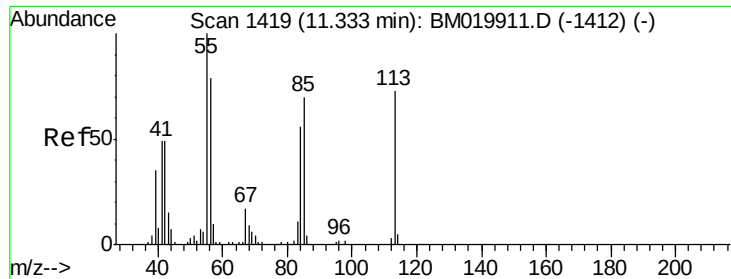
#34
Hexachlorobutadiene
Concen: 20.216 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Tgt Ion:225	Resp:	107682
Ion Ratio	Lower	Upper
225	100	
223	63.1	51.4 77.2
227	65.6	51.0 76.6



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





#35

Caprolactam

Concen: 20.208 ng

RT: 11.33 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampleId :

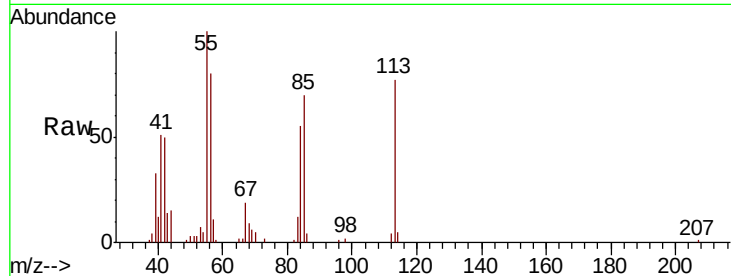
Tot Ion:113 Resp: 59258

Ion Ratio Lower Upper

113 100

55 129.8 117.1 157.1

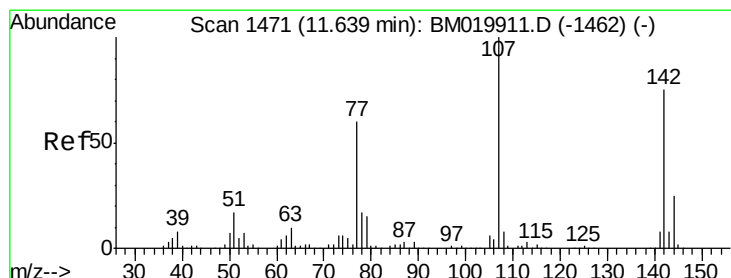
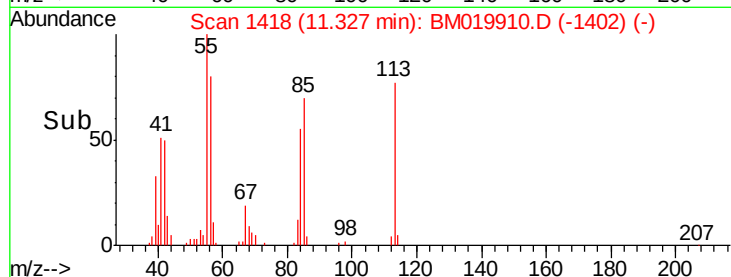
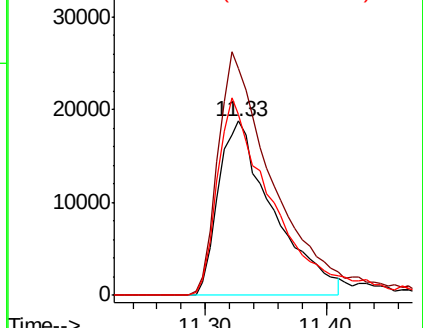
56 103.8 88.2 128.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 20.462 ng

RT: 11.64 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

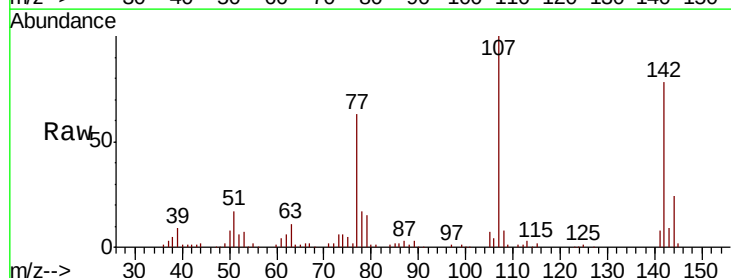
Tgt Ion:107 Resp: 207838

Ion Ratio Lower Upper

107 100

144 24.2 19.8 29.8

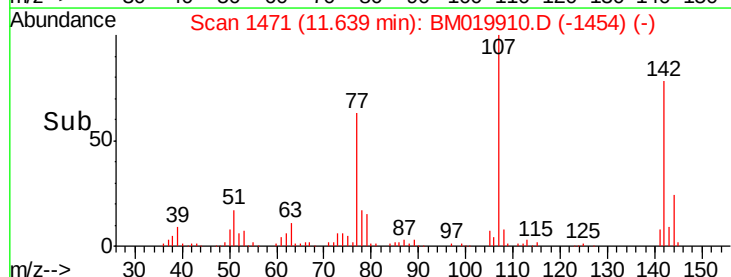
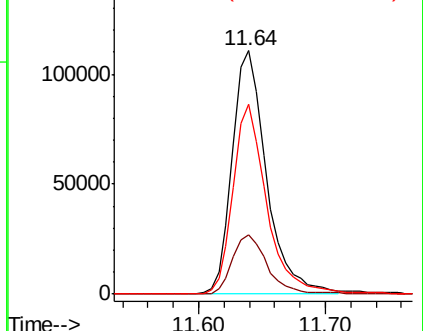
142 78.2 60.3 90.5

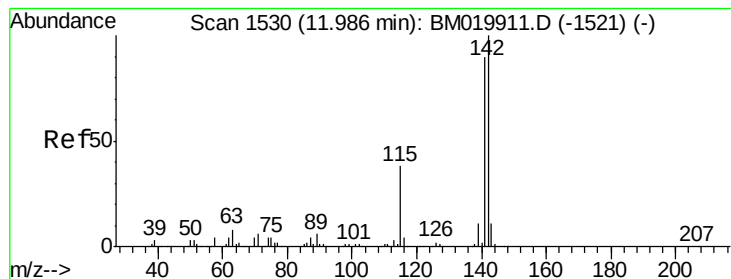


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

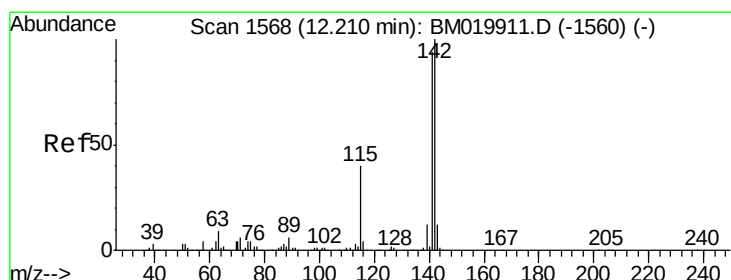
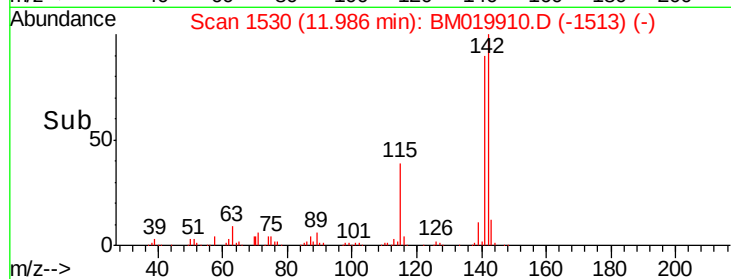
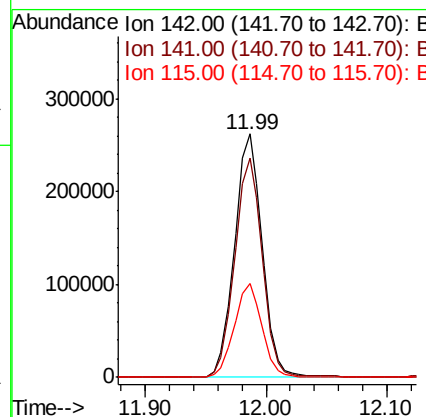
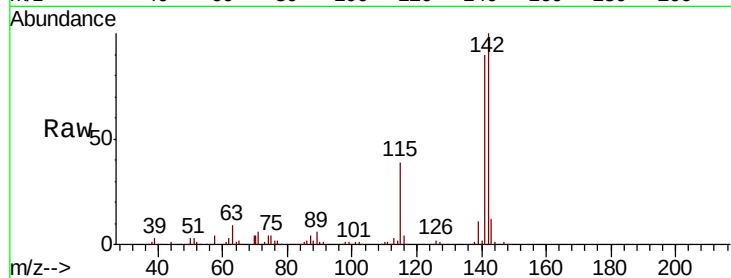




#37
 2-Methylnaphthalene
 Concen: 19.974 ng
 RT: 11.99 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BM019910.D
 Acq: 15 Apr 2019 11:50

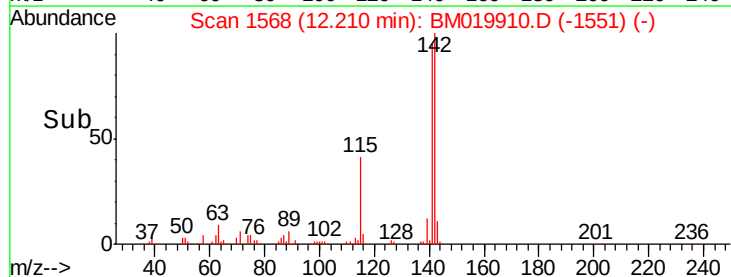
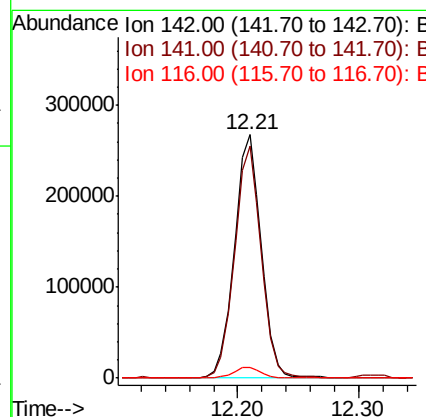
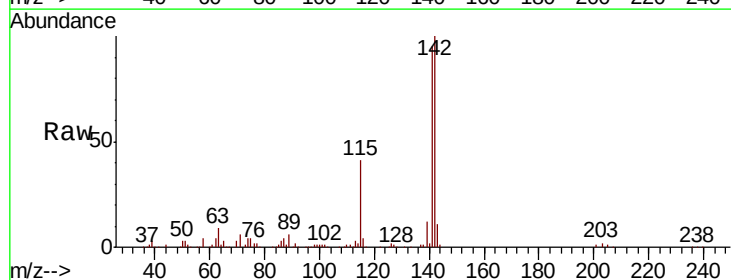
Instrument :
 BNA_M
 ClientSampleId :

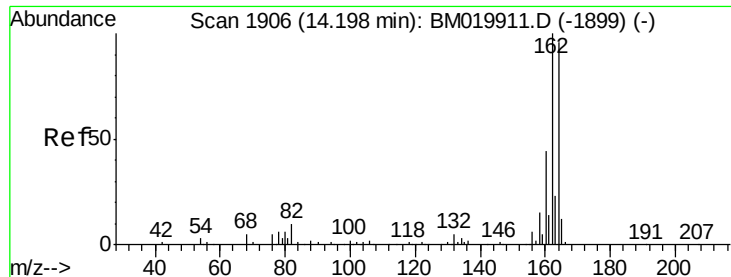
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.3	108.5
115	38.6	30.5	45.7



#38
 1-Methylnaphthalene
 Concen: 19.996 ng
 RT: 12.21 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BM019910.D
 Acq: 15 Apr 2019 11:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	75.7	113.5
116	4.5	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampleId :

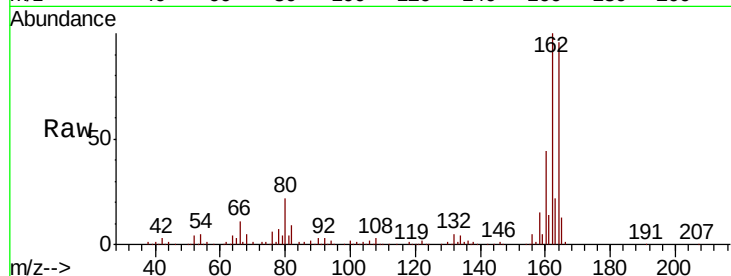
Tot Ion:164 Resp: 339609

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.4

160 45.6 36.6 55.0

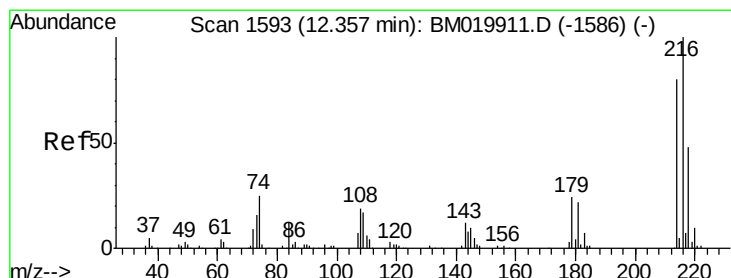
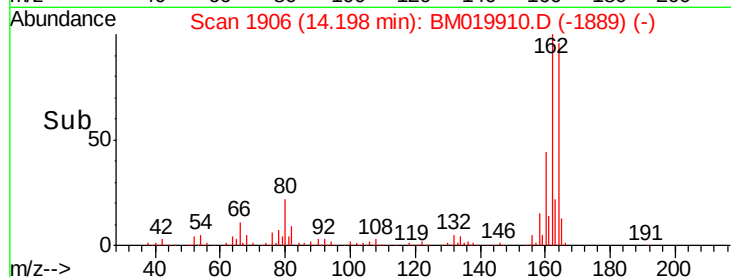
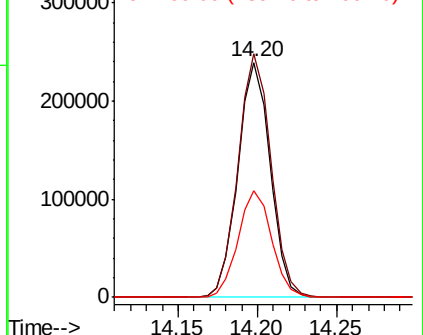


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 18.624 ng

RT: 12.36 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Tgt Ion:216 Resp: 200071

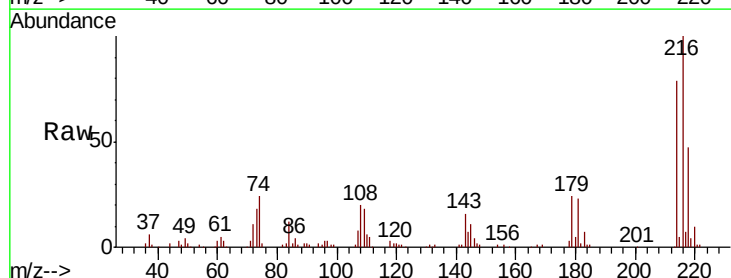
Ion Ratio Lower Upper

216 100

214 78.7 63.1 94.7

179 23.4 19.0 28.6

108 19.9 16.3 24.5



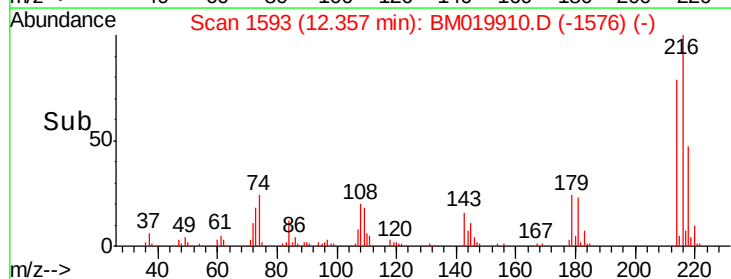
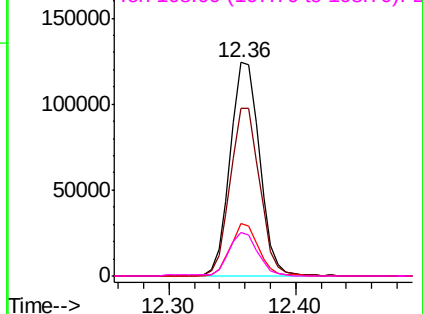
Abundance

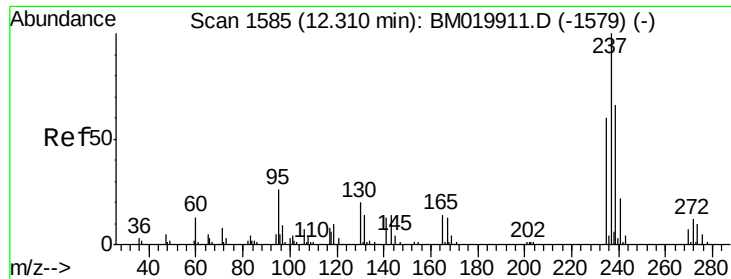
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

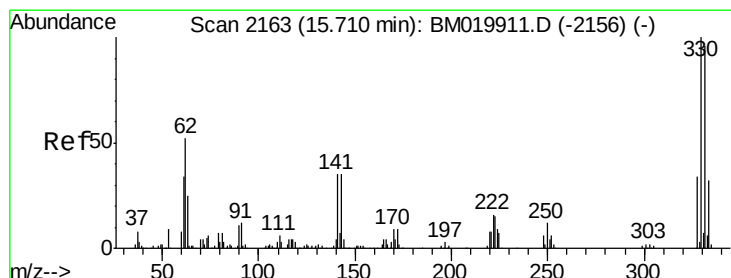
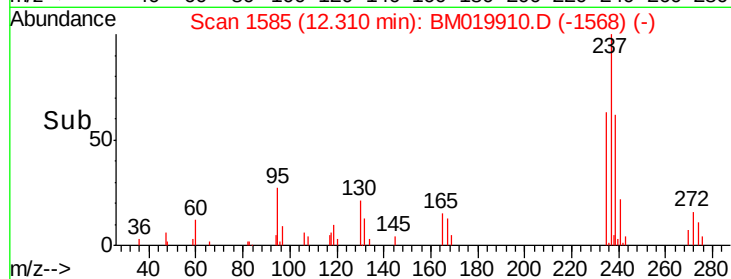
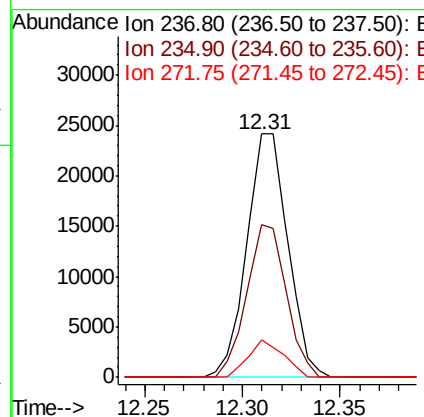
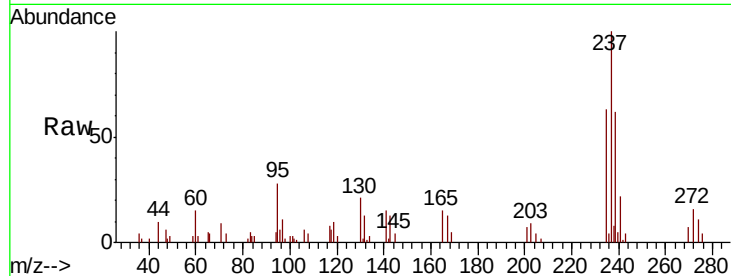




#41
Hexachlorocyclopentadiene
Concen: 7.243 ng
RT: 12.31 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

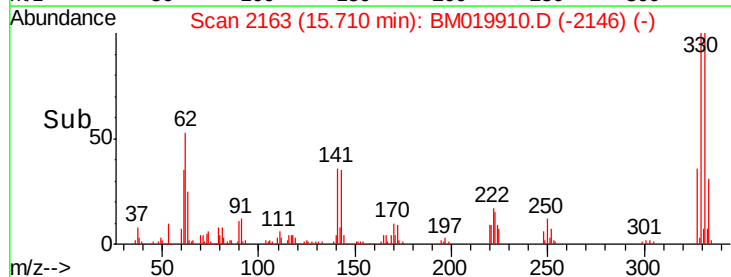
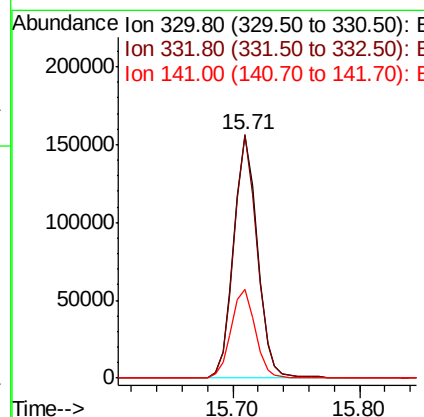
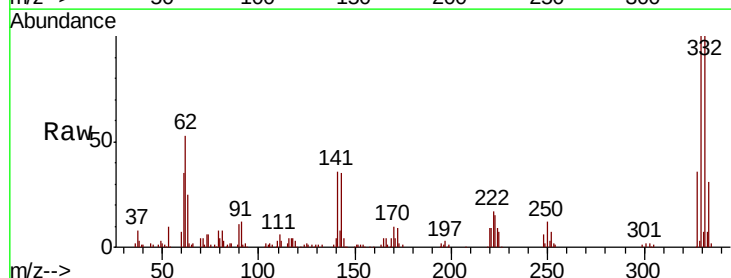
Instrument :
BNA_M
ClientSampleId :

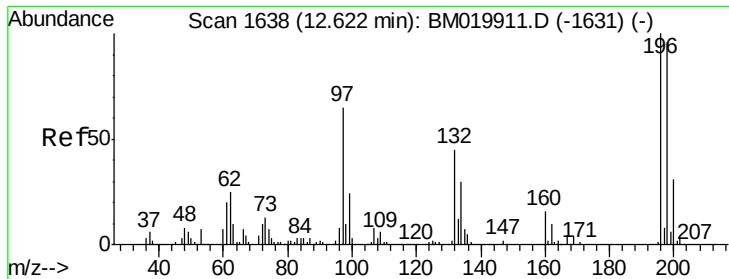
Tot Ion:237 Resp: 35246
Ion Ratio Lower Upper
237 100
235 62.6 40.4 80.4
272 15.5 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 40.388 ng
RT: 15.71 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Tgt Ion:330 Resp: 202514
Ion Ratio Lower Upper
330 100
332 98.2 77.4 116.2
141 37.3 29.0 43.4

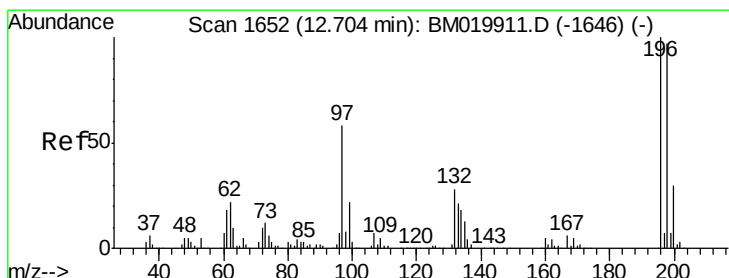
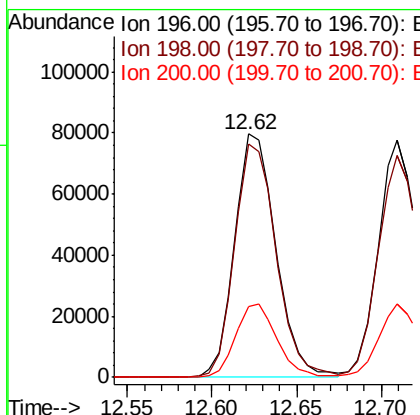
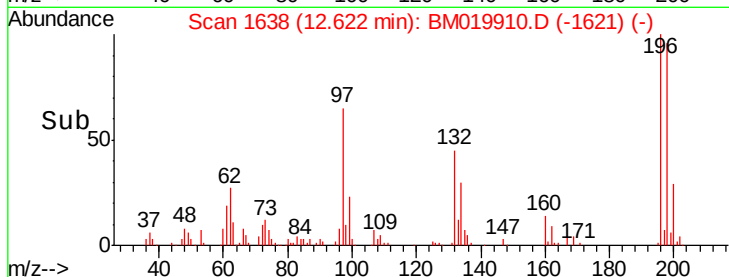
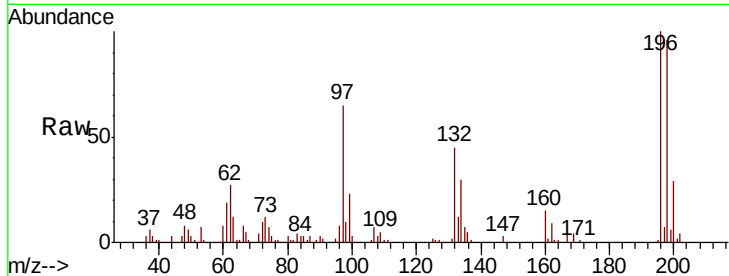




#43
 2,4,6-Trichlorophenol
 Concen: 19.556 ng
 RT: 12.62 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BM019910.D
 Acq: 15 Apr 2019 11:50

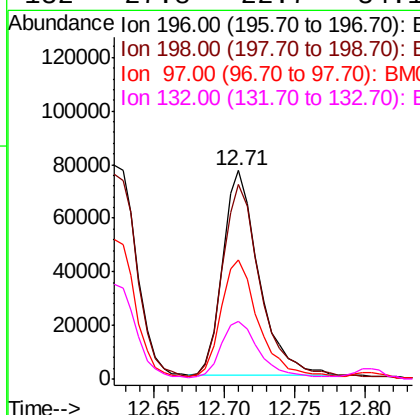
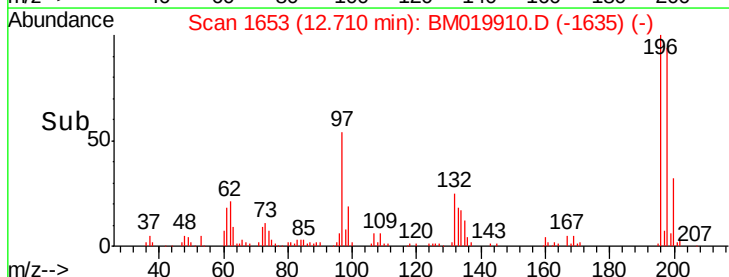
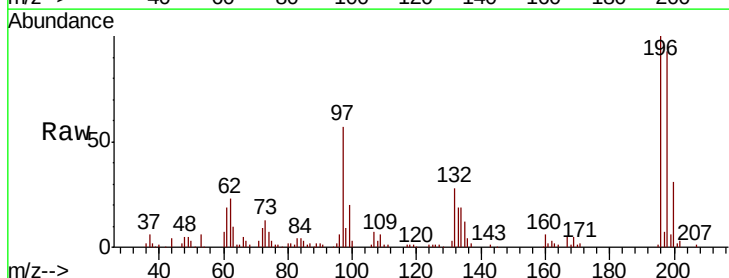
Instrument :
 BNA_M
 ClientSampleId :

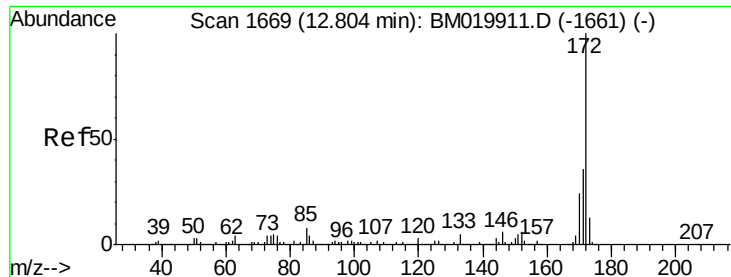
Tot Ion:196 Resp: 135767
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.8 115.2
 200 29.2 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 18.525 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. 0.01 min
 Lab File: BM019910.D
 Acq: 15 Apr 2019 11:50

Tgt Ion:196 Resp: 137527
 Ion Ratio Lower Upper
 196 100
 198 93.4 77.8 116.8
 97 57.3 46.2 69.2
 132 27.8 22.7 34.1

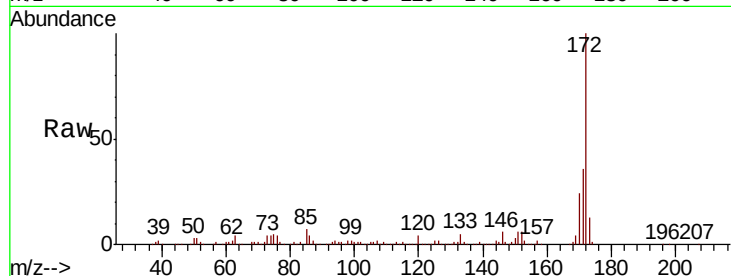




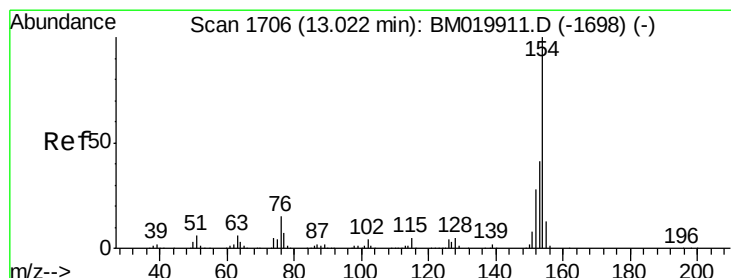
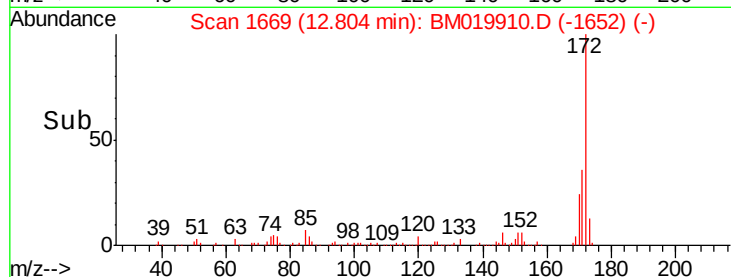
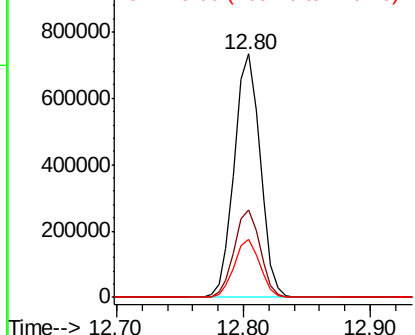
#45
2-Fluorobiphenyl
Concen: 39.836 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 1040058
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 23.9 19.0 28.4

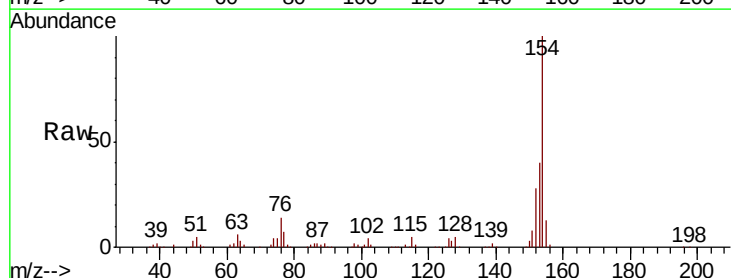


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

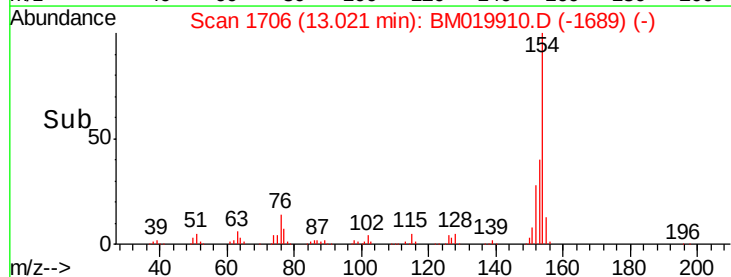
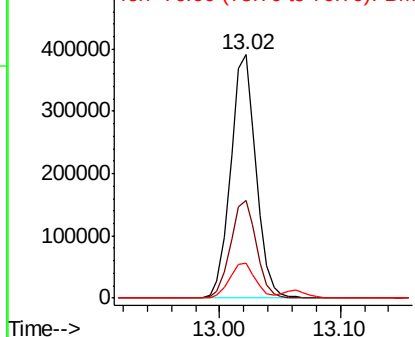


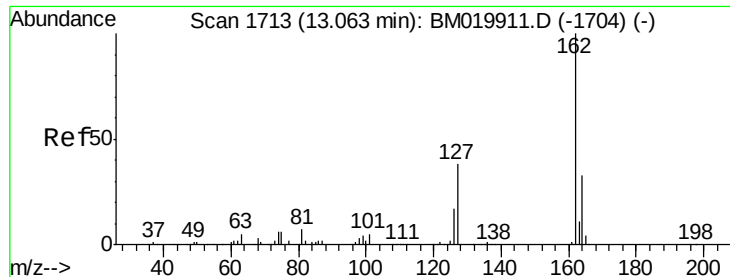
#46
1,1'-Biphenyl
Concen: 19.232 ng
RT: 13.02 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Tgt Ion:154 Resp: 570384
Ion Ratio Lower Upper
154 100
153 40.2 21.0 61.0
76 14.3 0.0 34.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM





#47

2-Chloronaphthalene

Concen: 19.370 ng

RT: 13.06 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampleId :

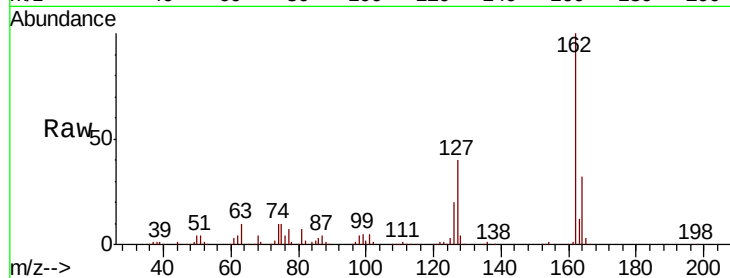
Tot Ion:162 Resp: 428825

Ion Ratio Lower Upper

162 100

127 40.3 32.3 48.5

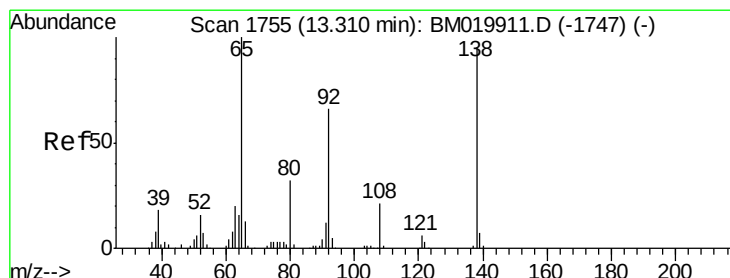
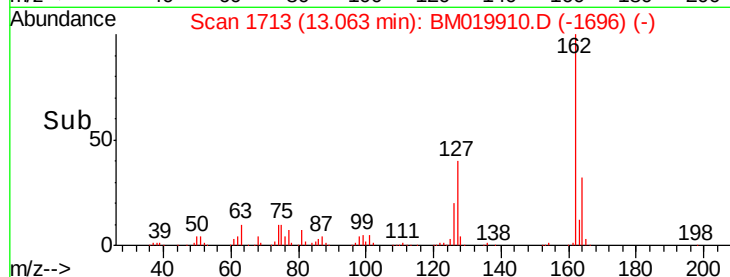
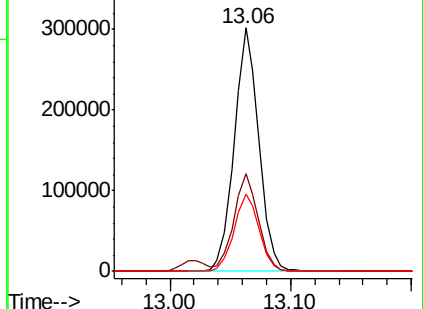
164 31.5 26.3 39.5



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: 20.615 ng

RT: 13.31 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

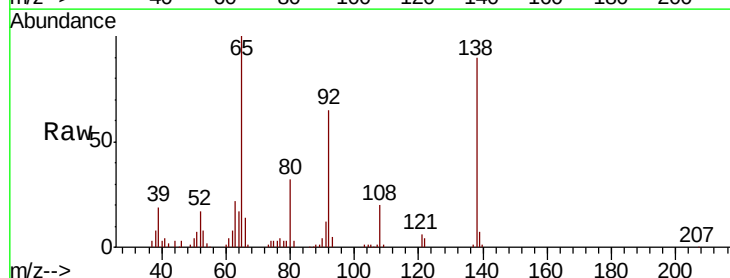
Tgt Ion: 65 Resp: 153059

Ion Ratio Lower Upper

65 100

92 64.5 52.9 79.3

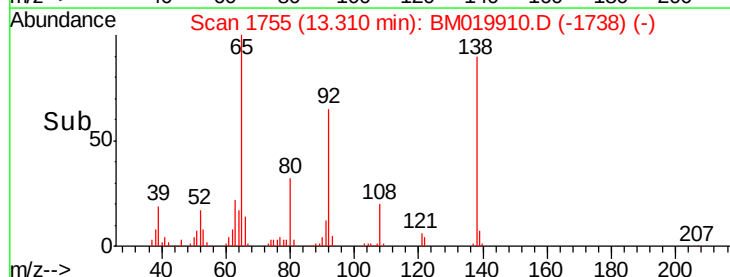
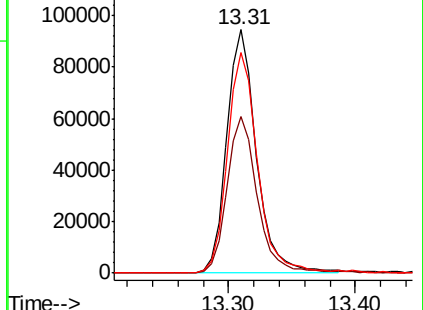
138 90.5 75.8 113.6

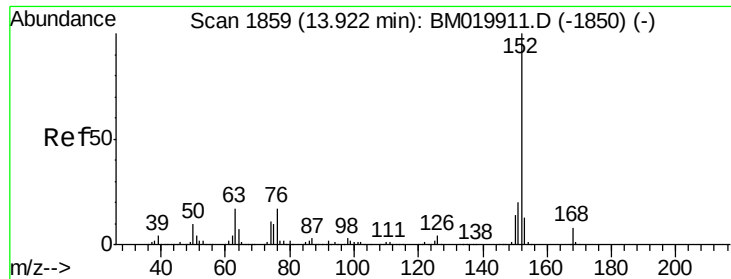


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 20.117 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampleId :

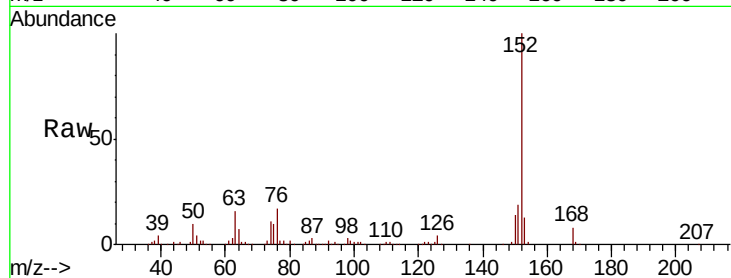
Tot Ion:152 Resp: 753033

Ion Ratio Lower Upper

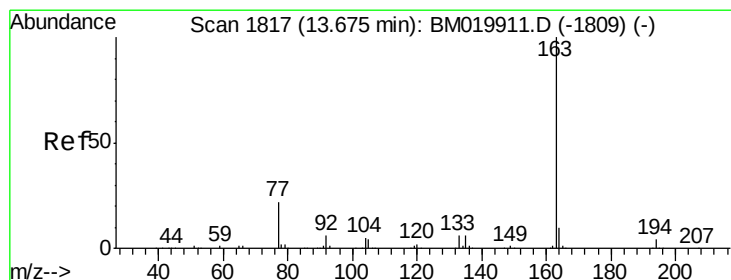
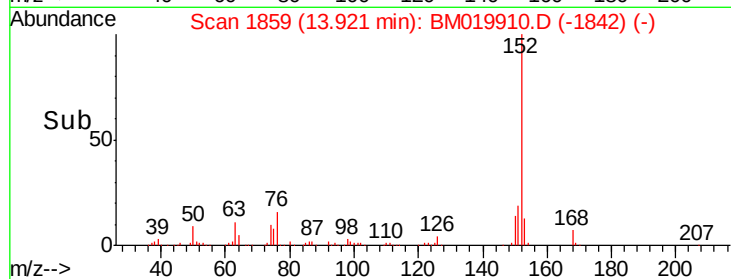
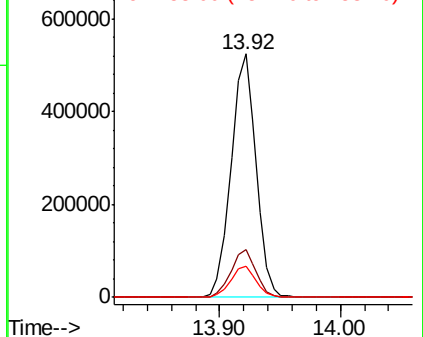
152 100

151 19.4 16.2 24.2

153 12.7 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 20.159 ng

RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

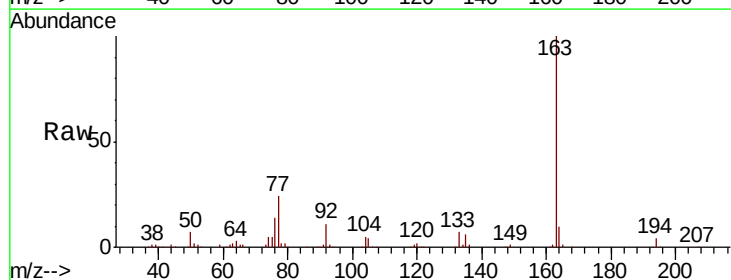
Tgt Ion:163 Resp: 585646

Ion Ratio Lower Upper

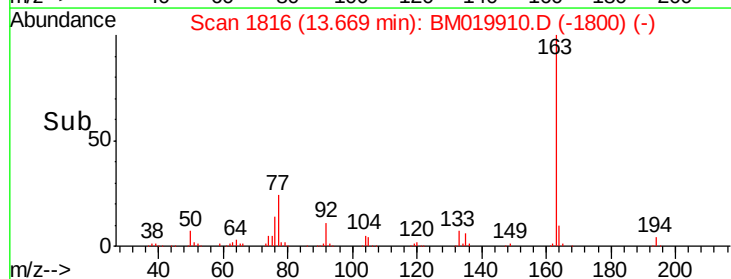
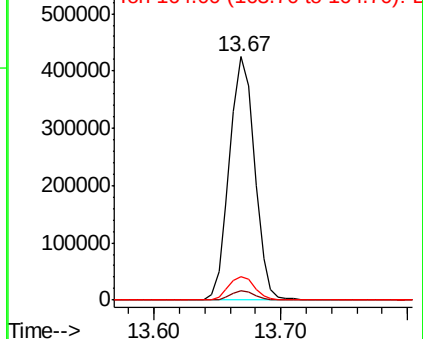
163 100

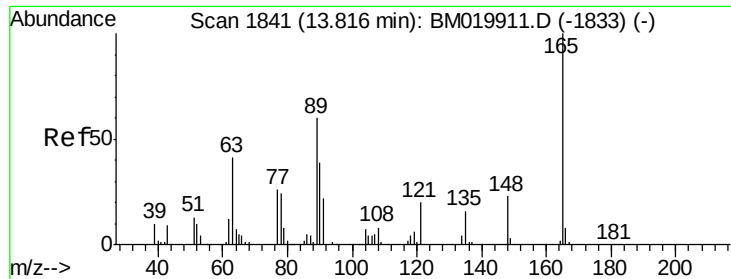
194 3.9 3.1 4.7

164 9.8 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

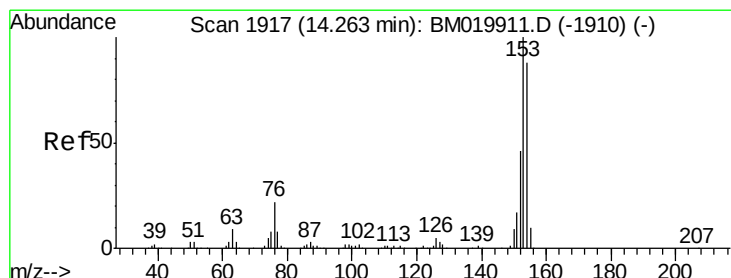
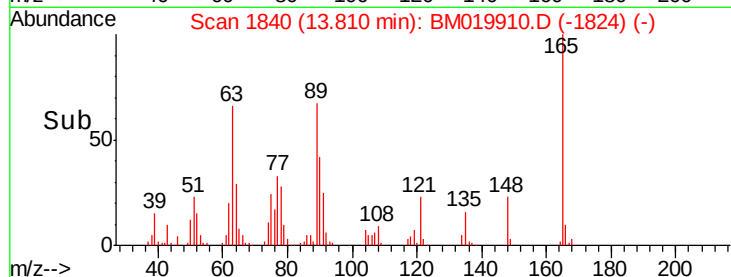
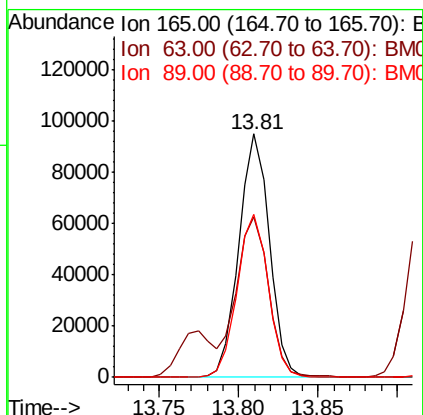
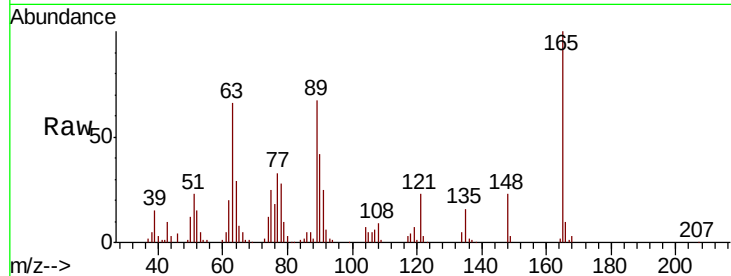




#51
 2,6-Dinitrotoluene
 Concen: 20.320 ng
 RT: 13.81 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BM019910.D
 Acq: 15 Apr 2019 11:50

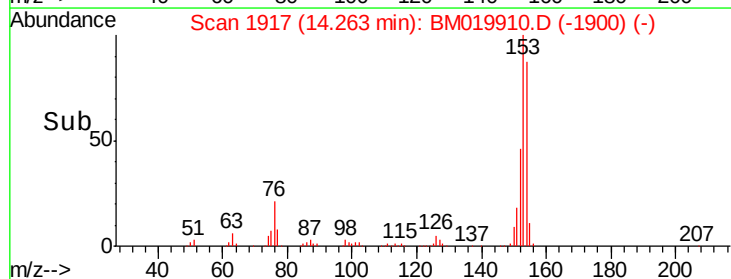
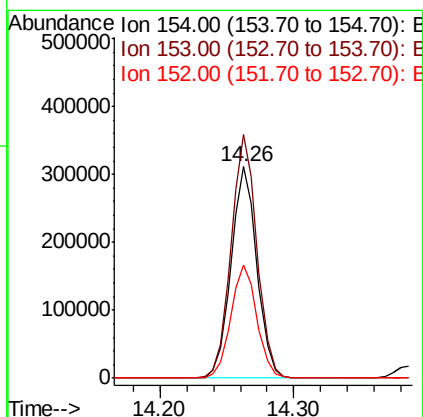
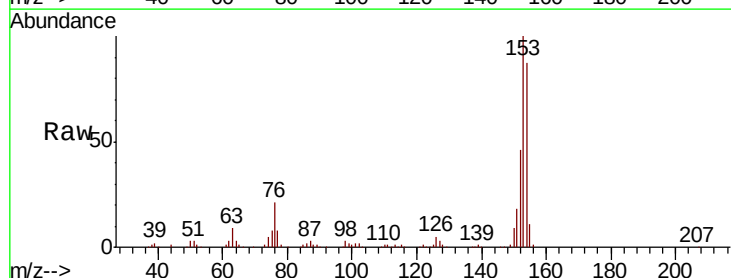
Instrument :
 BNA_M
 ClientSampleId :

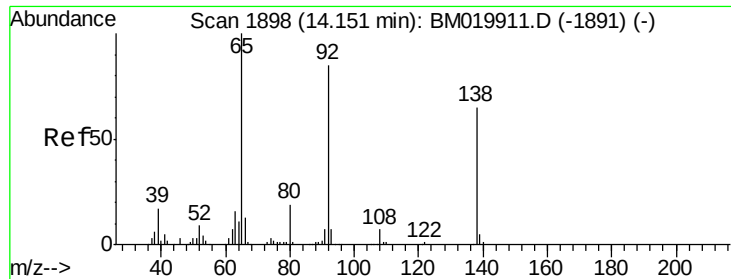
Tot Ion	Ratio	Lower	Upper
165	100		
63	66.2	48.5	72.7
89	66.8	48.2	72.4



#52
 Acenaphthene
 Concen: 19.501 ng
 RT: 14.26 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: BM019910.D
 Acq: 15 Apr 2019 11:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.0	136.4
152	53.4	42.2	63.2

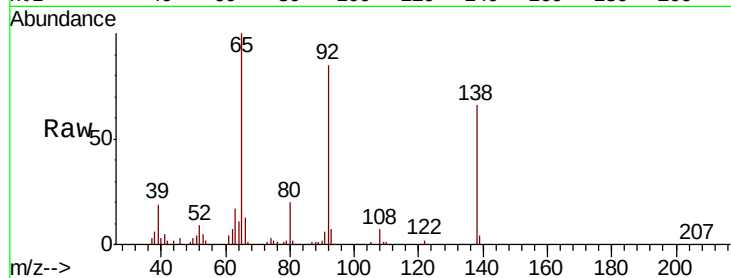




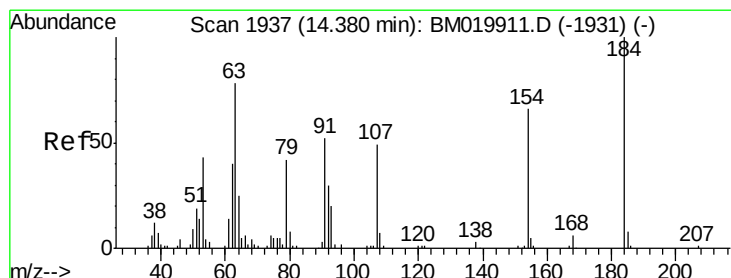
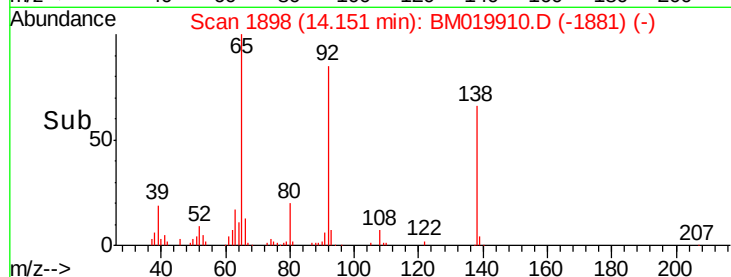
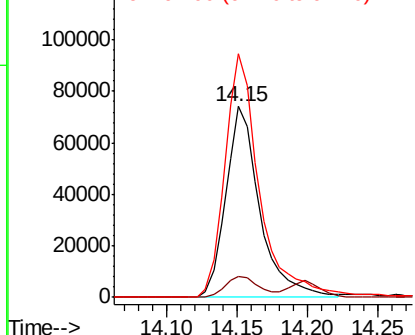
#53
3-Nitroaniline
Concen: 18.678 ng
RT: 14.15 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 124240
Ion Ratio Lower Upper
138 100
108 11.2 8.9 13.3
92 127.7 103.8 155.8

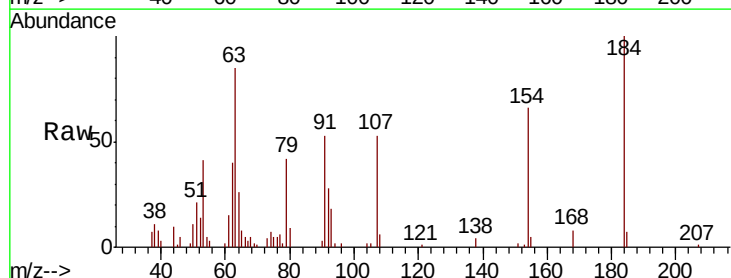


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

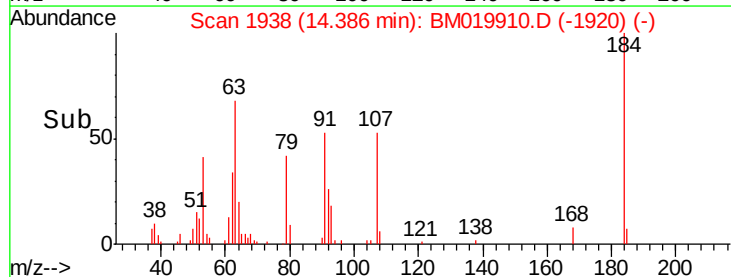
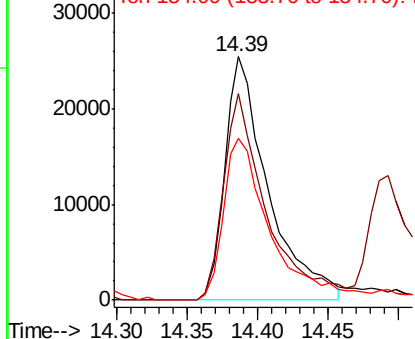


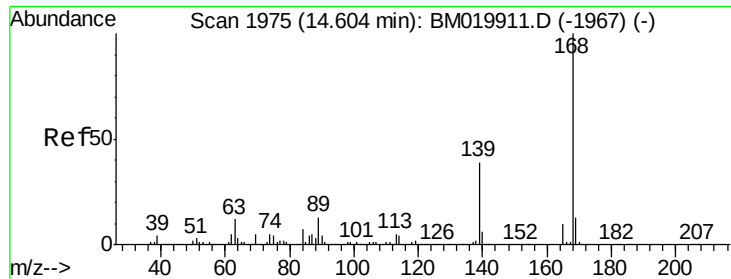
#54
2,4-Dinitrophenol
Concen: 14.879 ng
RT: 14.39 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Tgt Ion:184 Resp: 54265
Ion Ratio Lower Upper
184 100
63 84.7 62.3 93.5
154 66.3 53.0 79.6



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

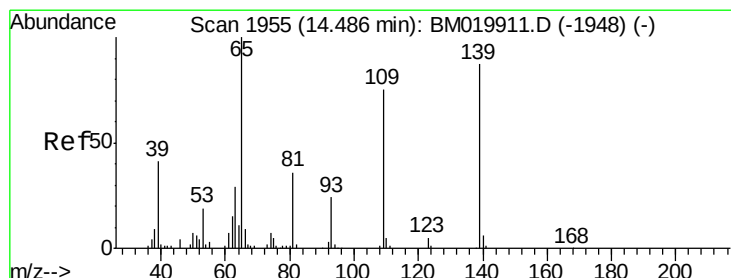
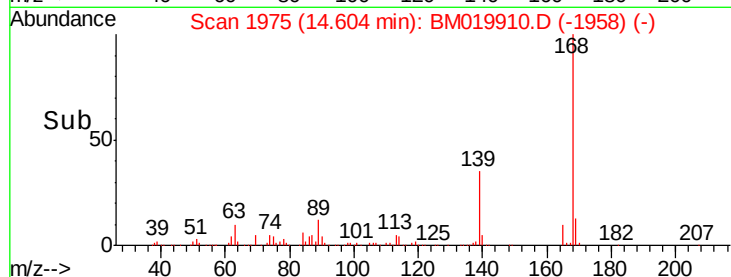
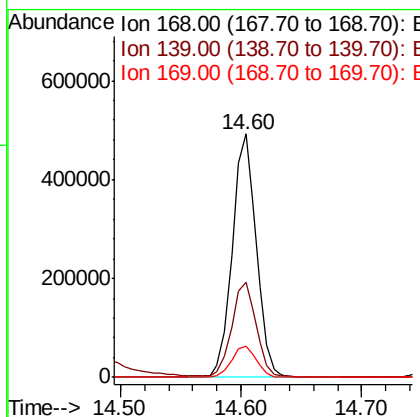
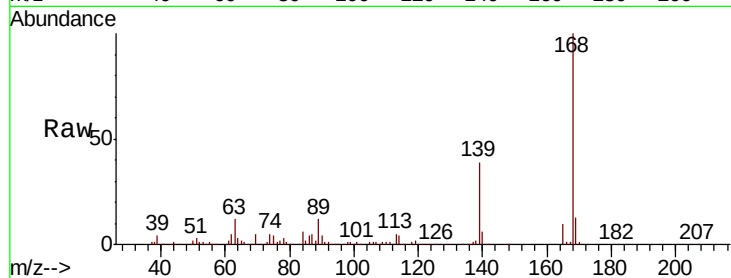




#55
Dibenzenofuran
Concen: 19.660 ng
RT: 14.60 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

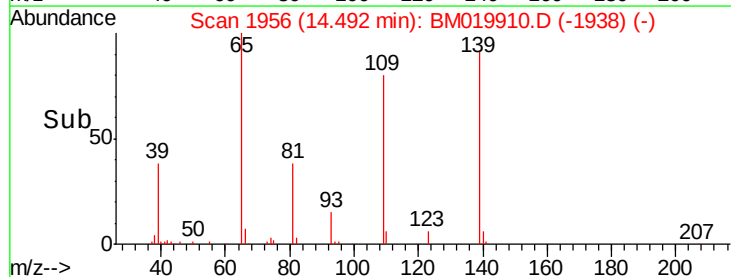
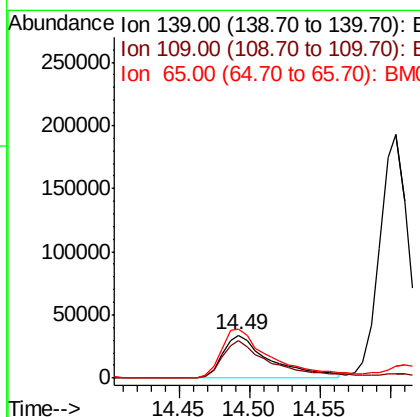
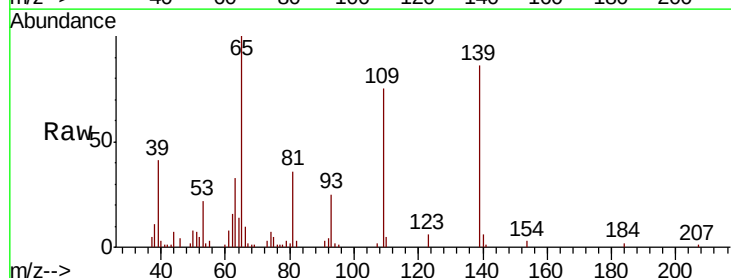
Instrument :
BNA_M
ClientSampleId :

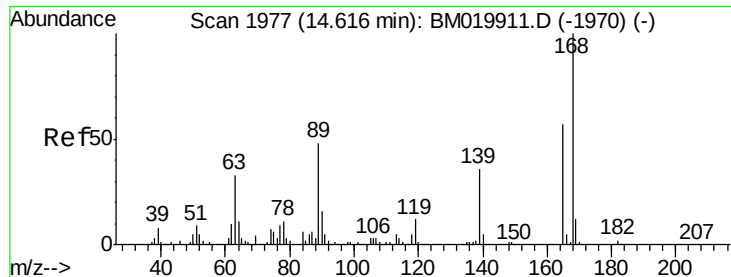
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.5	47.3
169	12.7	10.6	16.0



#56
4-Nitrophenol
Concen: 14.652 ng
RT: 14.49 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.3	65.3	105.3
65	115.8	94.9	134.9

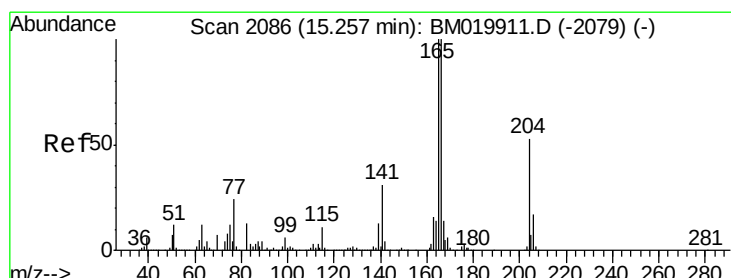
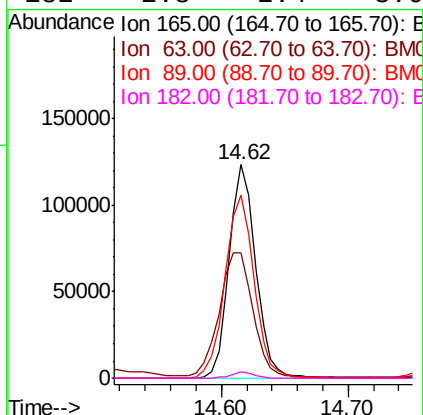
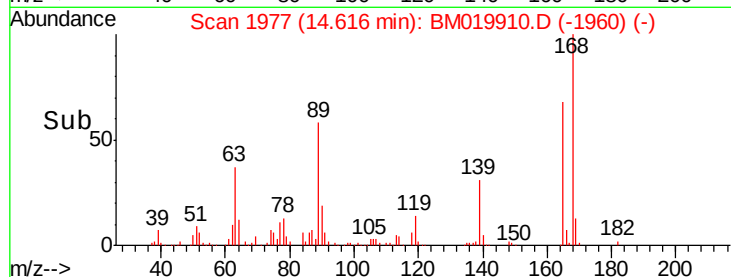
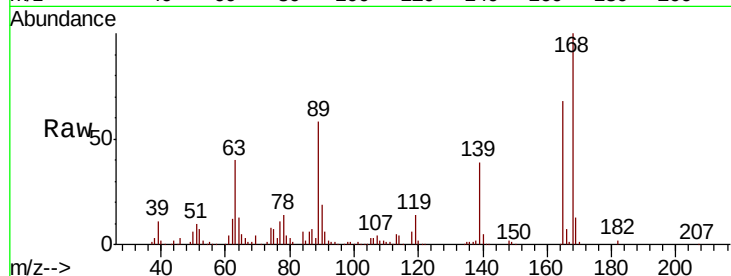




#57
2,4-Dinitrotoluene
Concen: 19.651 ng
RT: 14.62 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

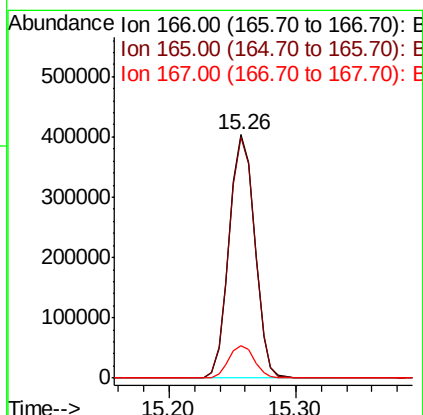
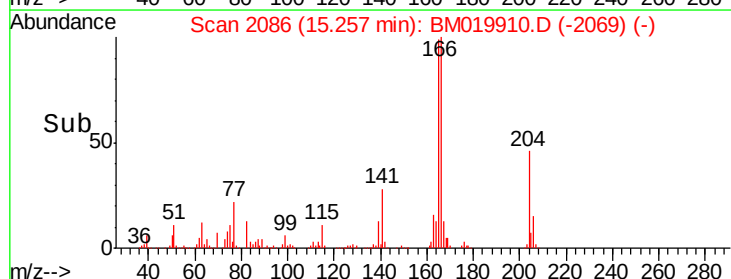
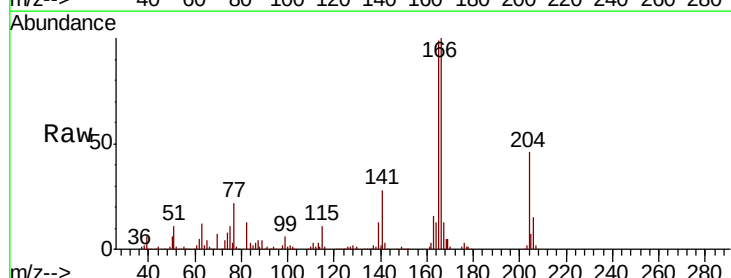
Instrument :
BNA_M
ClientSampleId :

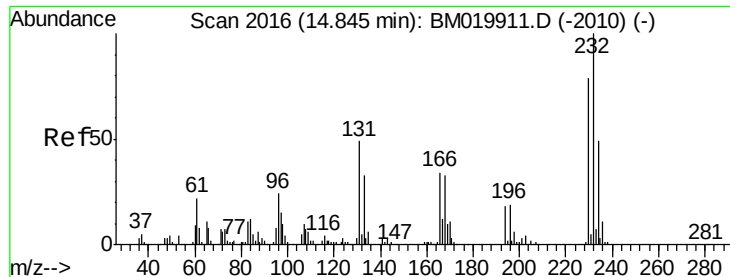
Tot Ion:165 Resp: 179144
Ion Ratio Lower Upper
165 100
63 58.7 46.0 69.0
89 85.5 67.5 101.3
182 2.8 2.4 3.6



#58
Fluorene
Concen: 19.698 ng
RT: 15.26 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Tgt Ion:166 Resp: 563215
Ion Ratio Lower Upper
166 100
165 99.0 80.1 120.1
167 13.3 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 18.738 ng

RT: 14.84 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampled :

Tot Ion:232 Resp: 129499

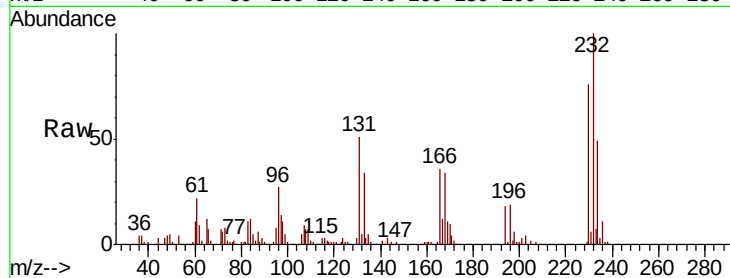
Ion Ratio Lower Upper

232 100

131 53.7 42.1 63.1

130 2.8 2.2 3.4

166 36.2 28.1 42.1

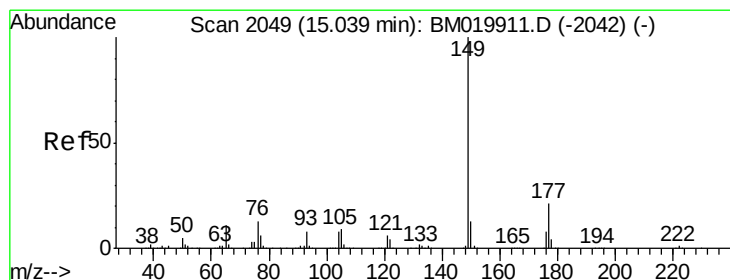
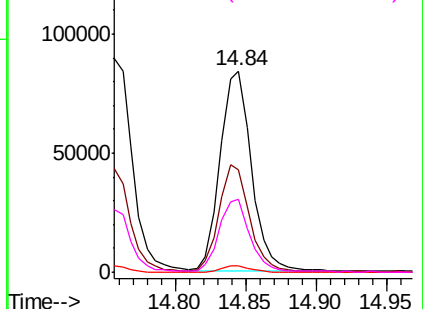
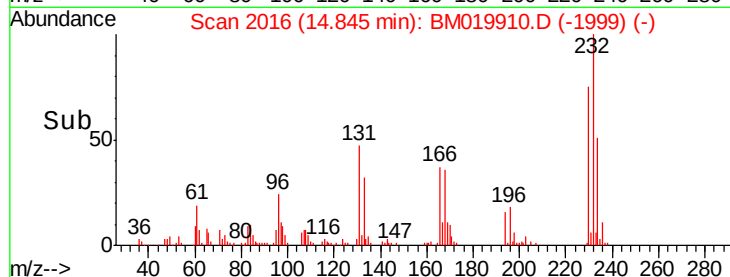


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 20.773 ng

RT: 15.04 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

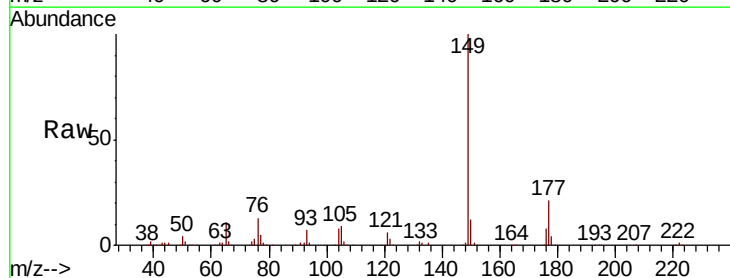
Tgt Ion:149 Resp: 611215

Ion Ratio Lower Upper

149 100

177 20.6 16.6 25.0

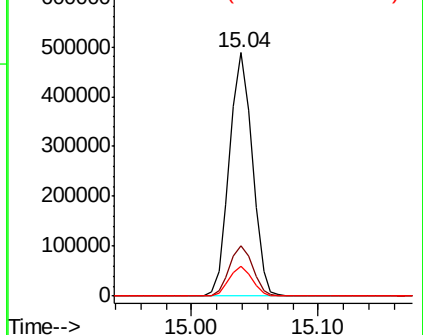
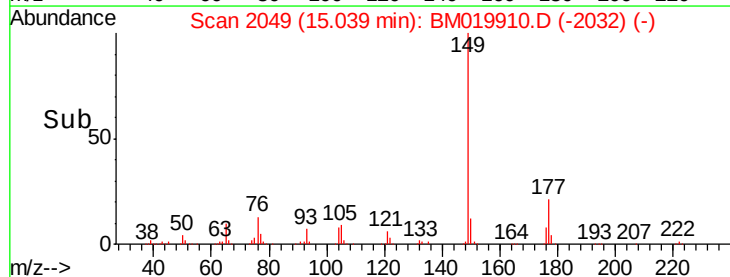
150 12.0 10.0 15.0

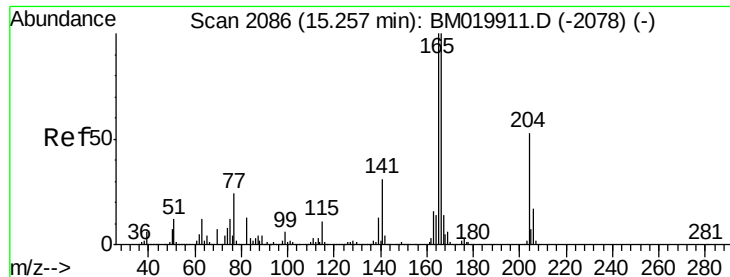


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

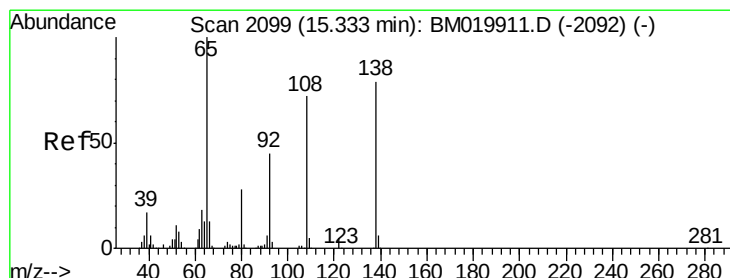
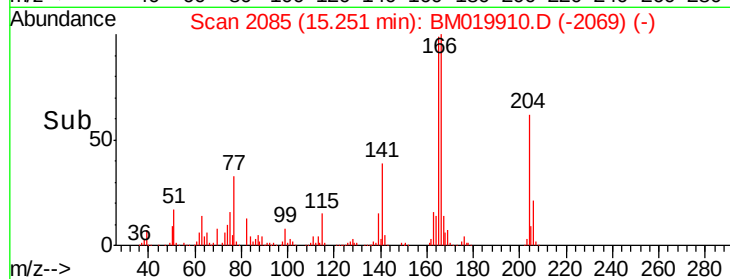
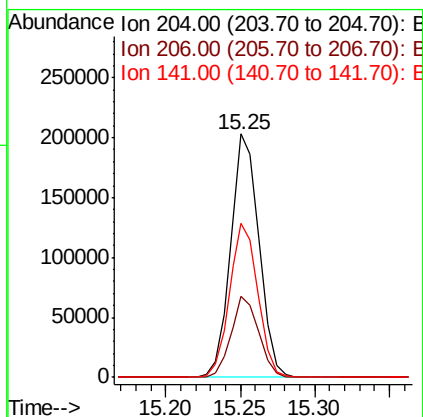
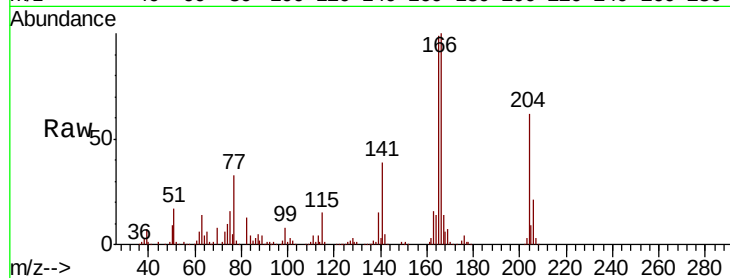




#61
4-Chlorophenyl-phenylether
Concen: 19.454 ng
RT: 15.25 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

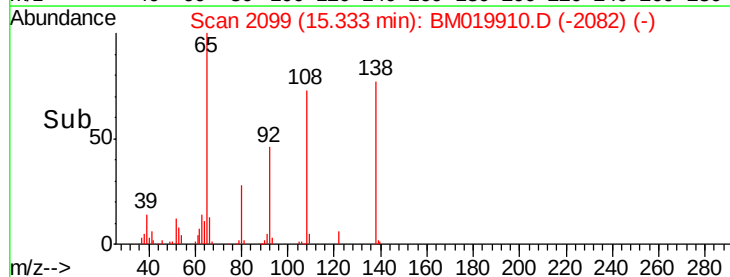
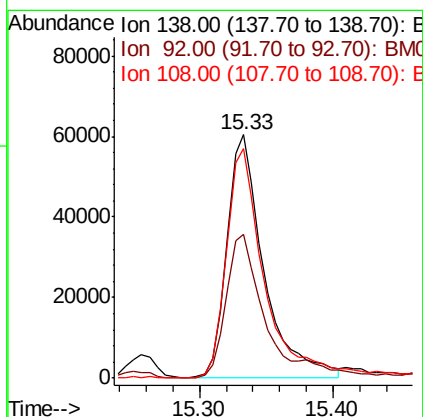
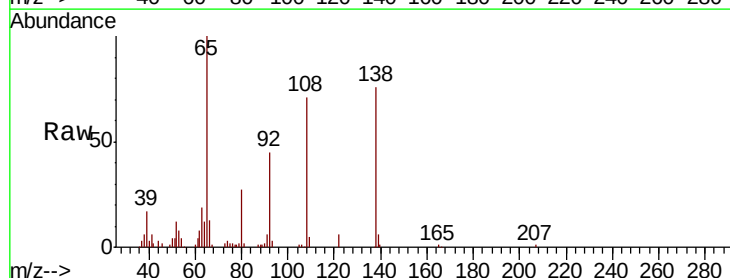
Instrument :
BNA_M
ClientSampleId :

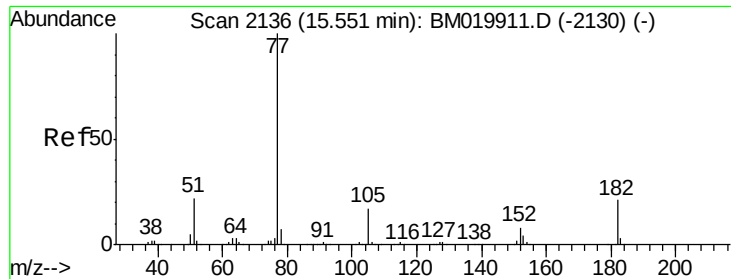
Tot Ion:204 Resp: 270143
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.8
141 63.2 47.0 70.4



#62
4-Nitroaniline
Concen: 17.510 ng
RT: 15.33 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Tgt Ion:138 Resp: 117376
Ion Ratio Lower Upper
138 100
92 59.3 36.8 76.8
108 94.3 71.5 111.5





#63

Azobenzene

Concen: 21.013 ng

RT: 15.55 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 650610

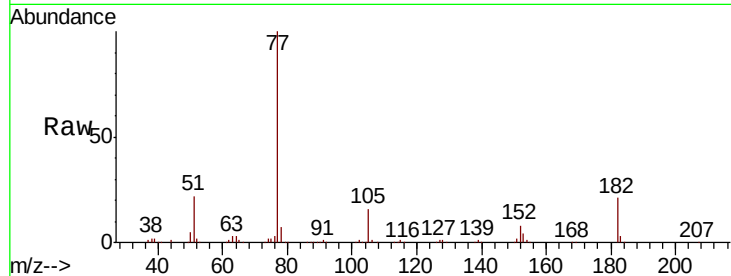
Ion	Ratio	Lower	Upper
77	100		
182	21.0	1.0	41.0
105	16.4	0.0	37.1
51	22.1	2.1	42.1

77 100

182 21.0 1.0 41.0

105 16.4 0.0 37.1

51 22.1 2.1 42.1

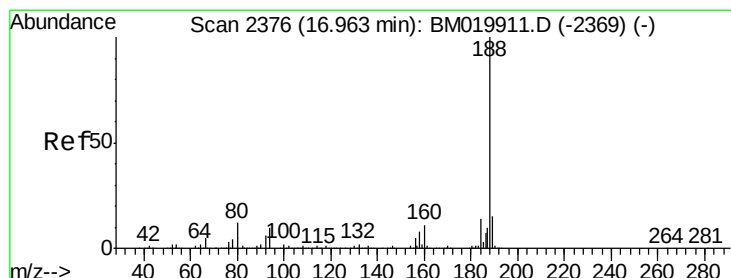
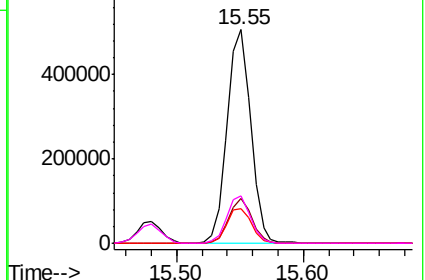
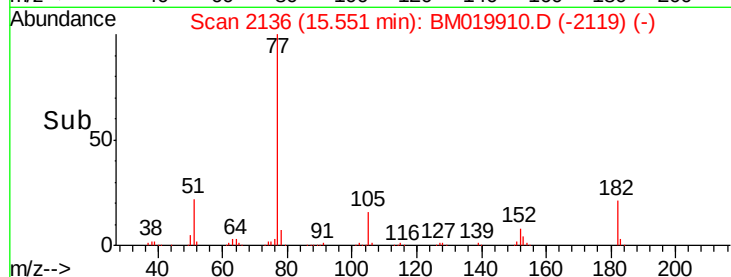


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

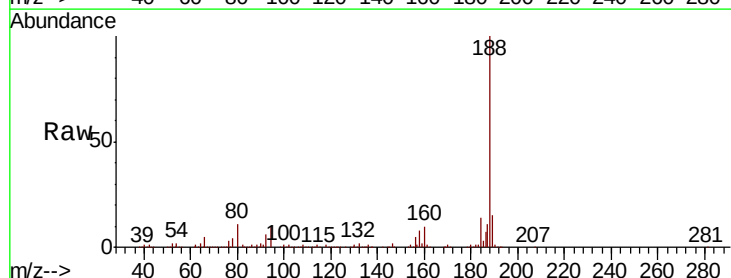
Tgt Ion: 188 Resp: 757634

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.6	11.4
80	11.2	9.4	14.0

188 100

94 9.9 7.6 11.4

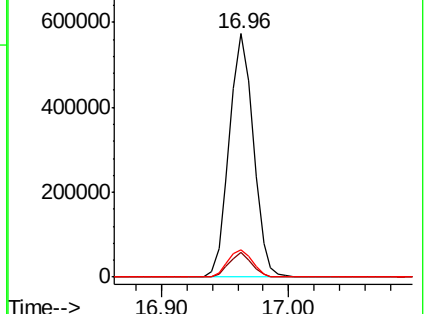
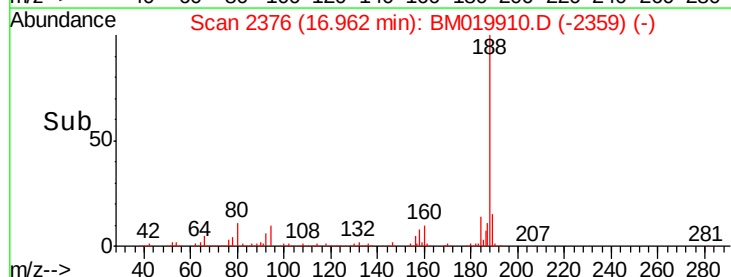
80 11.2 9.4 14.0

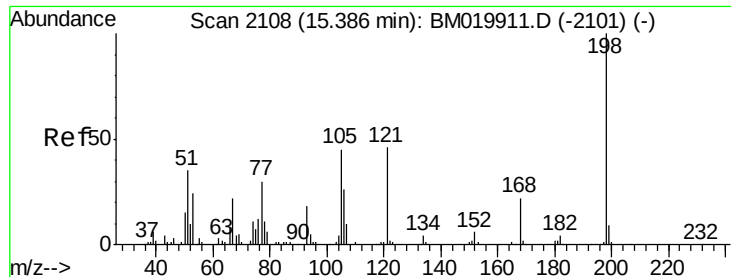


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

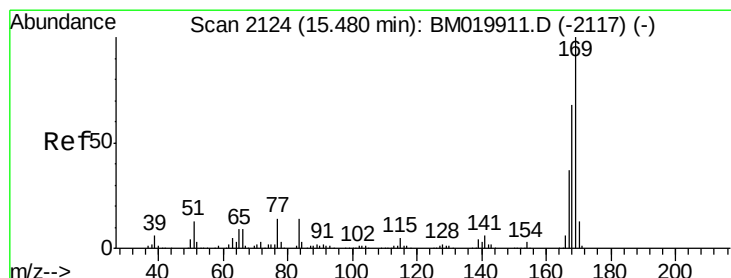
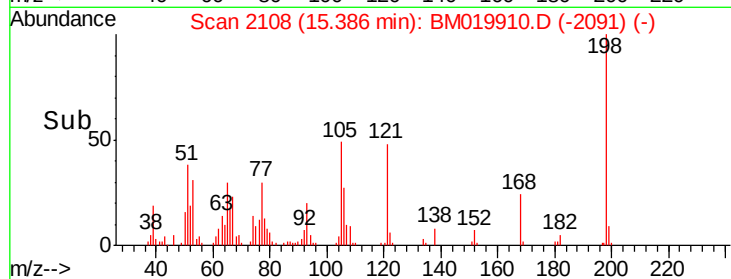
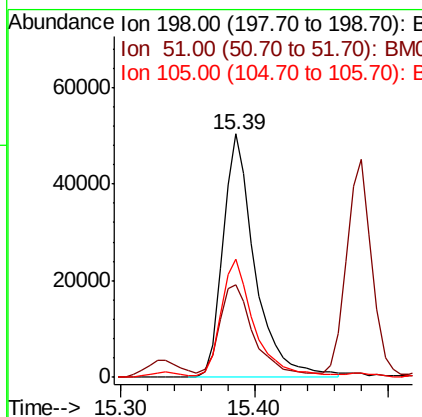
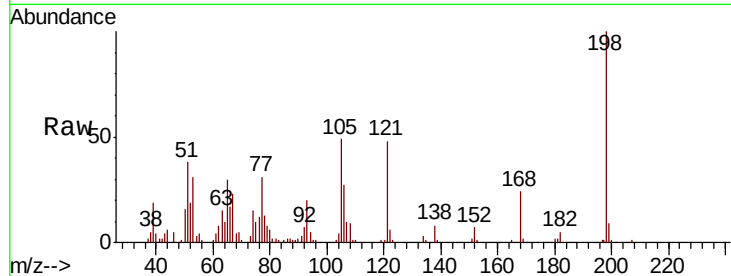




#65
4,6-Dinitro-2-methylphenol
Concen: 17.041 ng
RT: 15.39 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

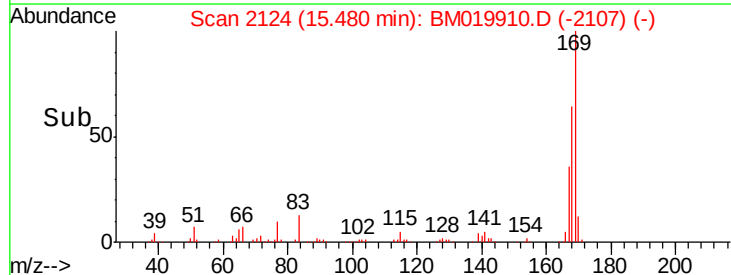
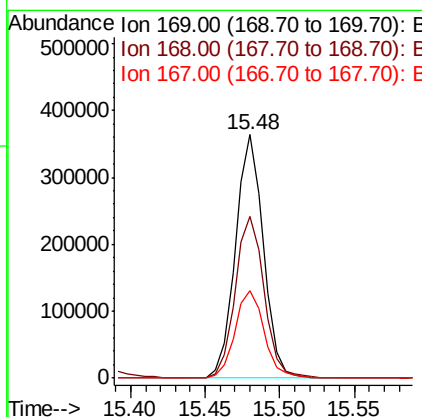
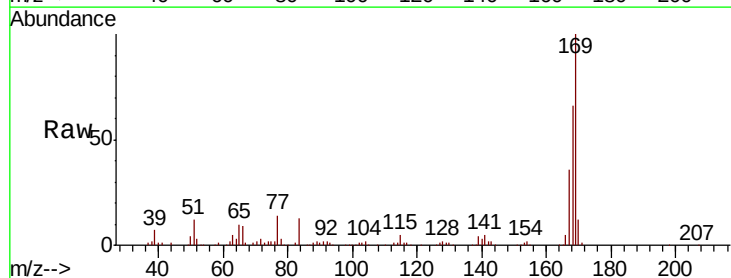
Instrument :
BNA_M
ClientSampleId :

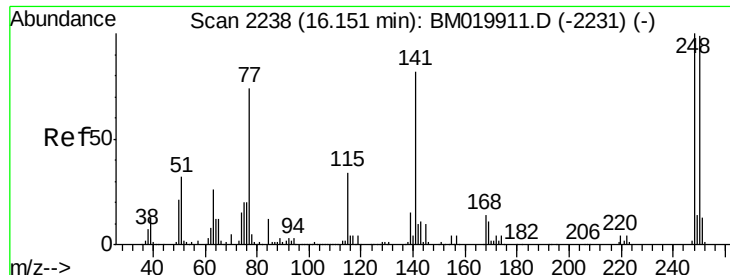
Tot Ion	198	Resp	84602
Ion Ratio	100	Lower	Upper
51	38.1	17.9	57.9
105	48.6	26.1	66.1



#66
n-Nitrosodiphenylamine
Concen: 19.569 ng
RT: 15.48 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Tgt Ion	169	Resp	472009
Ion Ratio	100	Lower	Upper
168	66.4	54.7	82.1
167	36.2	29.4	44.0

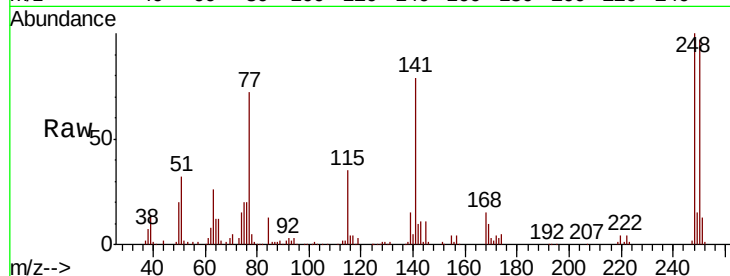




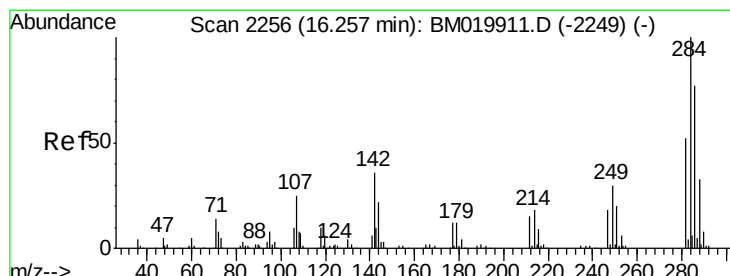
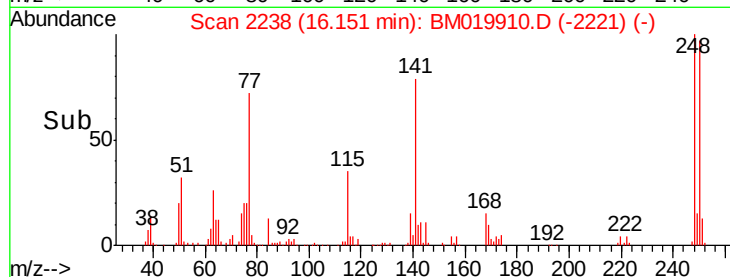
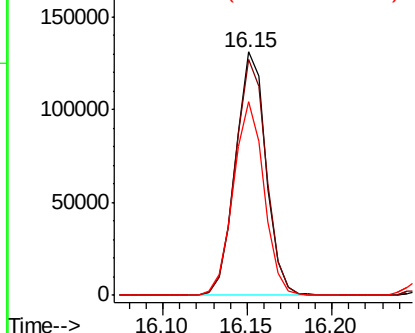
#67
4-Bromophenyl-phenylether
Concen: 19.752 ng
RT: 16.15 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 165020
Ion Ratio Lower Upper
248 100
250 96.8 78.9 118.3
141 79.3 65.6 98.4

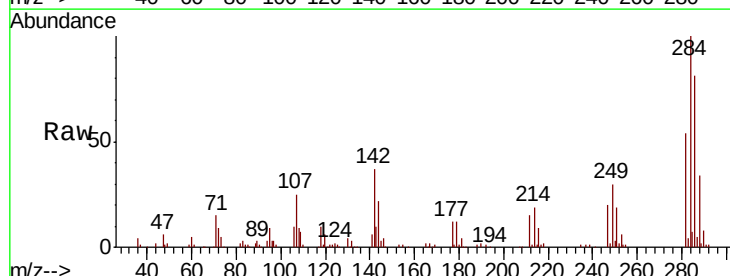


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

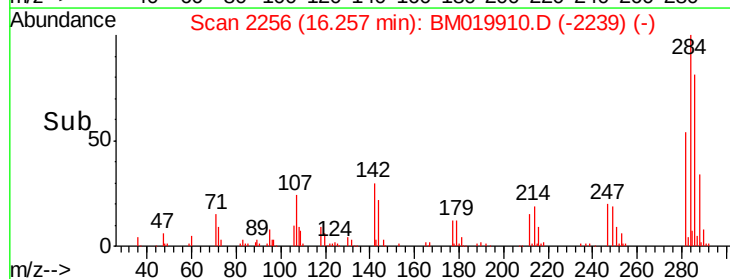
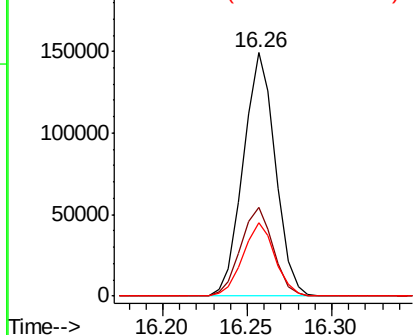


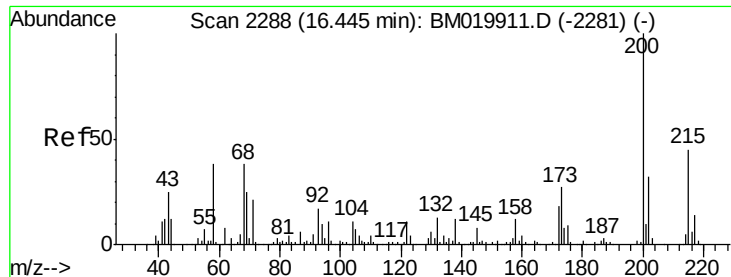
#68
Hexachlorobenzene
Concen: 19.914 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Tgt Ion:284 Resp: 197802
Ion Ratio Lower Upper
284 100
142 36.6 28.9 43.3
249 30.3 23.8 35.6



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





#69

Atrazine

Concen: 20.934 ng

RT: 16.44 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampleId :

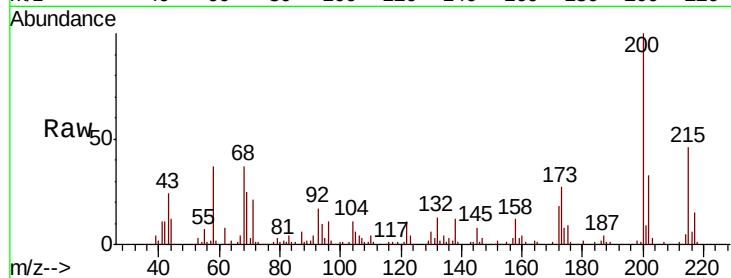
Tot Ion:200 Resp: 169972

Ion Ratio Lower Upper

200 100

173 26.6 7.2 47.2

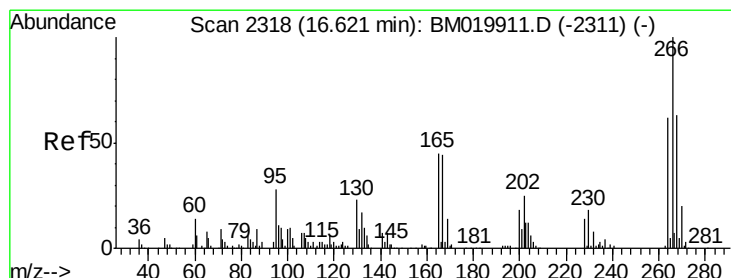
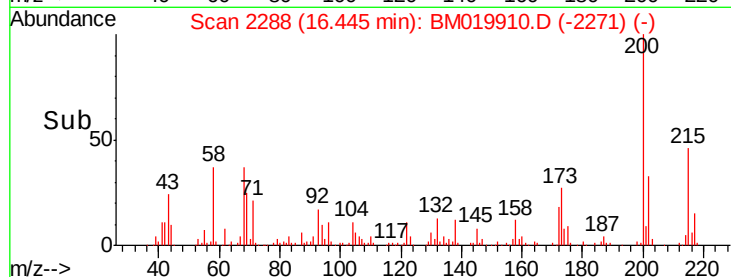
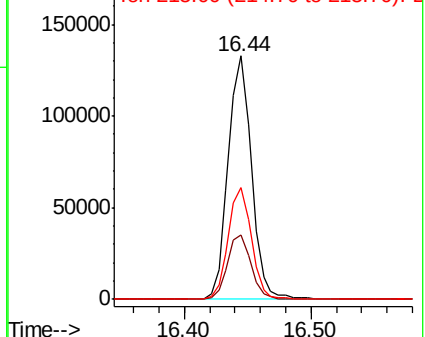
215 45.7 25.4 65.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 16.096 ng

RT: 16.62 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

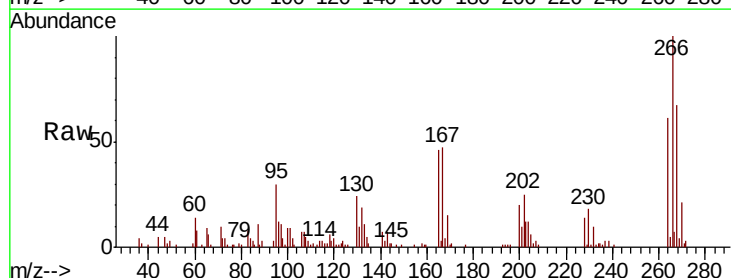
Tgt Ion:266 Resp: 96324

Ion Ratio Lower Upper

266 100

268 67.3 50.3 75.5

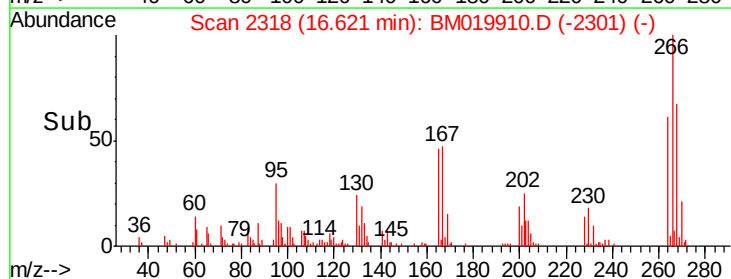
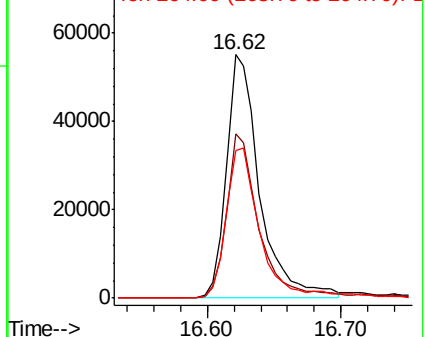
264 60.6 49.8 74.8

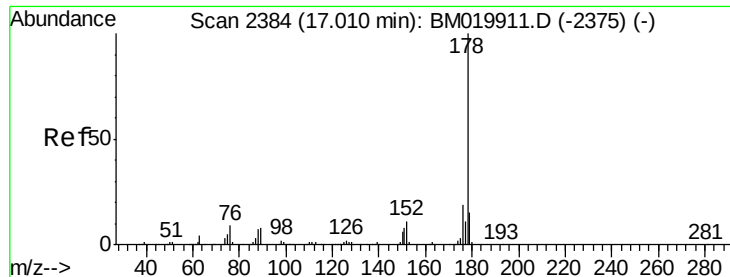


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

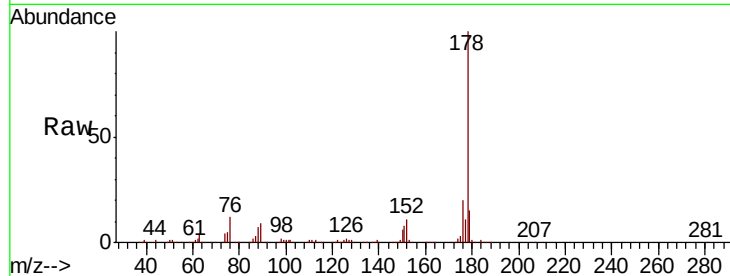




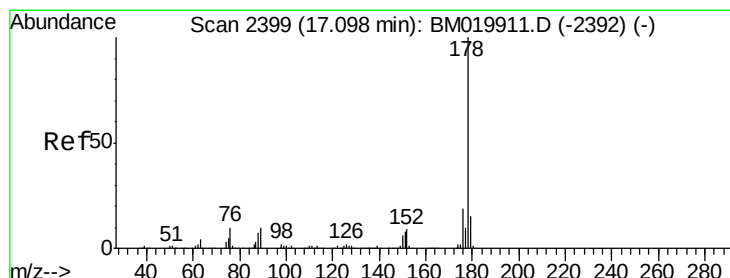
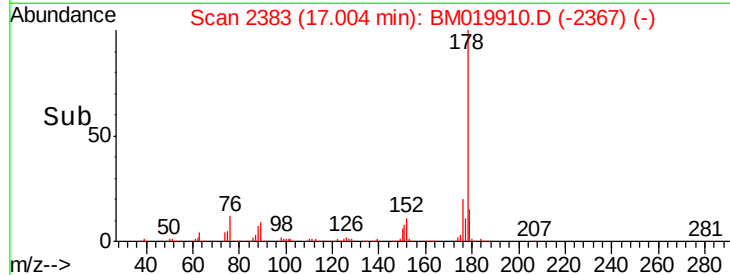
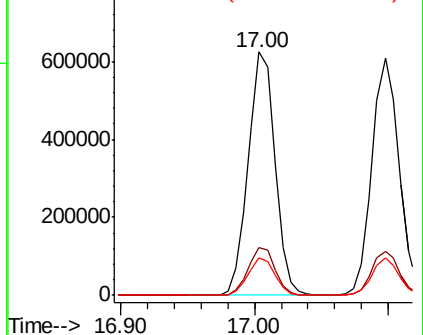
#71
Phenanthrene
Concen: 19.461 ng
RT: 17.00 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 864197
Ion Ratio Lower Upper
178 100
176 19.6 15.2 22.8
179 15.3 12.2 18.4

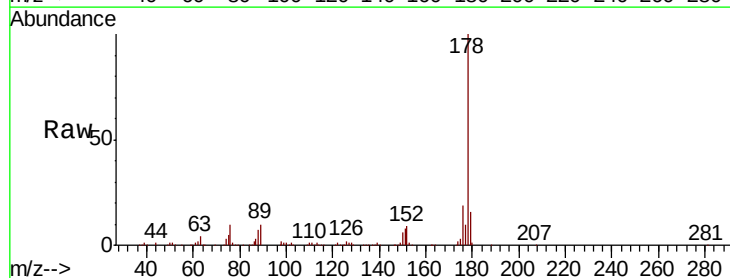


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

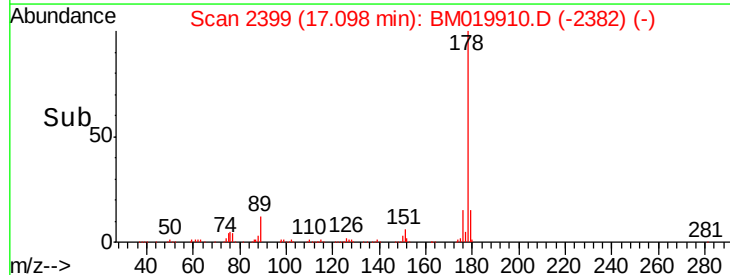
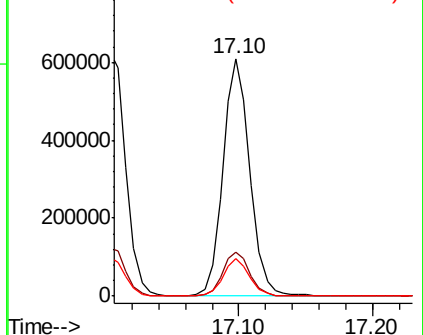


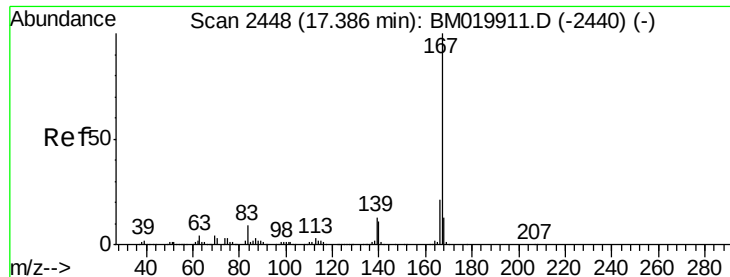
#72
Anthracene
Concen: 19.608 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Tgt Ion:178 Resp: 852440
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.5 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

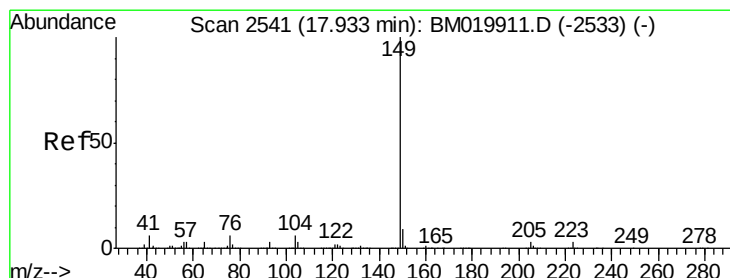
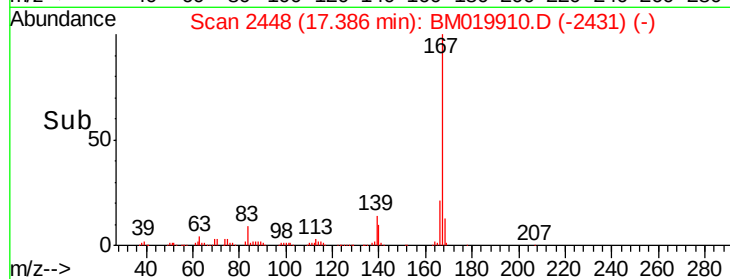
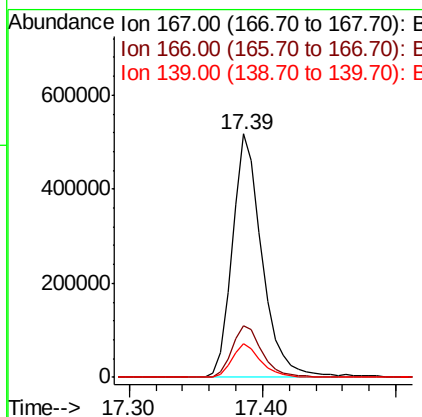
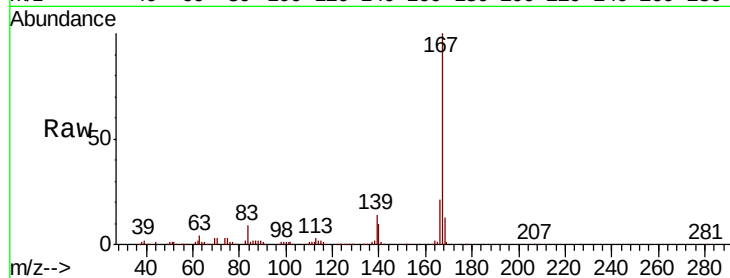




#73
 Carbazole
 Concen: 19.514 ng
 RT: 17.39 min Scan# 2448
 Delta R.T. -0.00 min
 Lab File: BM019910.D
 Acq: 15 Apr 2019 11:50

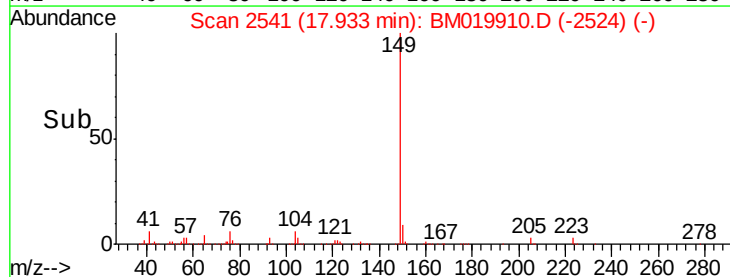
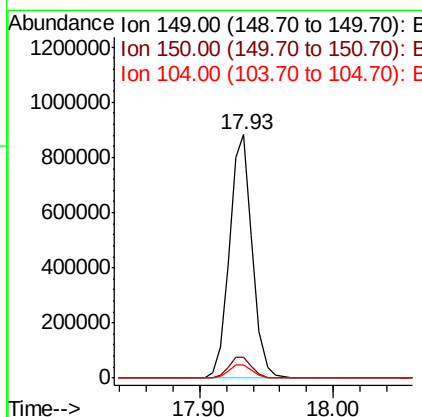
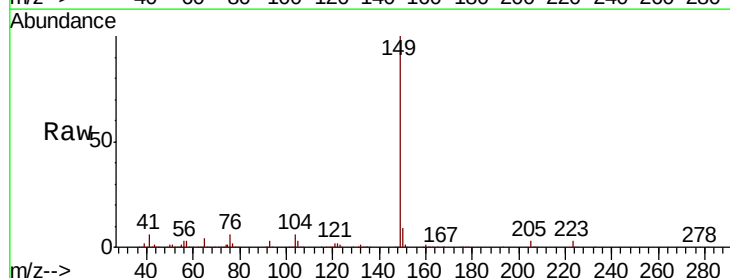
Instrument :
 BNA_M
 ClientSampleId :

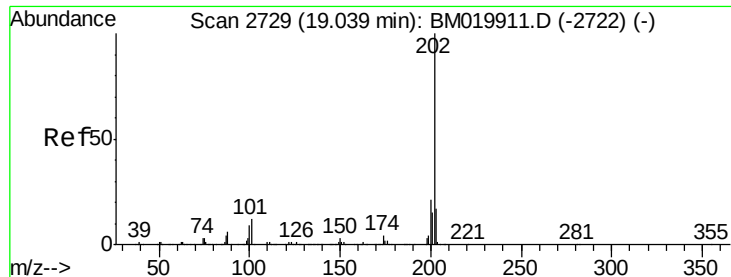
Tot Ion:167 Resp: 800680
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.6 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 21.119 ng
 RT: 17.93 min Scan# 2541
 Delta R.T. -0.00 min
 Lab File: BM019910.D
 Acq: 15 Apr 2019 11:50

Tgt Ion:149 Resp: 1047867
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.2 10.8
 104 5.5 4.6 7.0





#75

Fluoranthene

Concen: 19.447 ng

RT: 19.04 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampled :

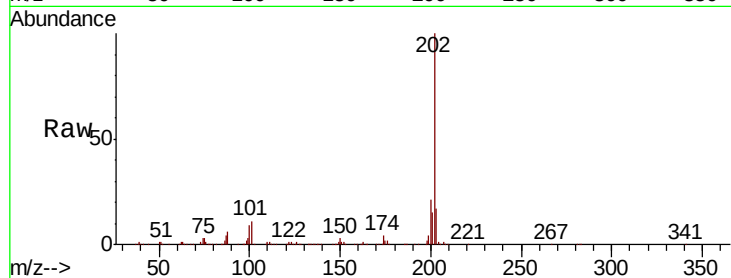
Tot Ion:202 Resp: 990945

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.7

203 17.0 0.0 37.4

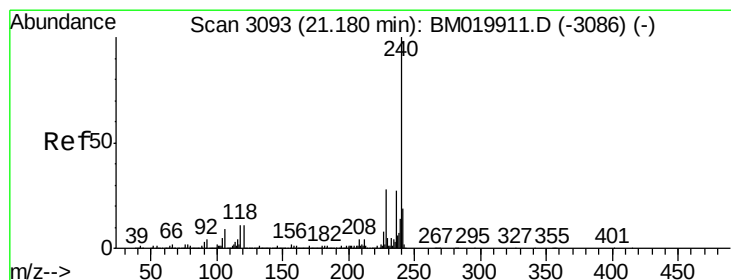
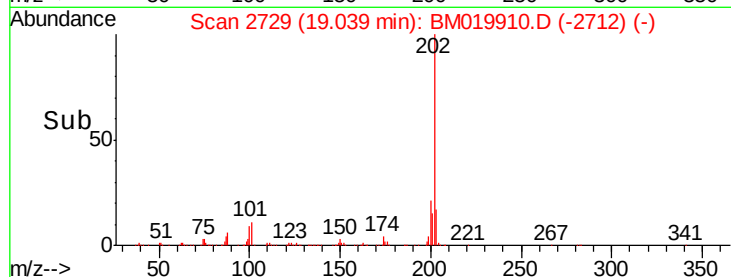
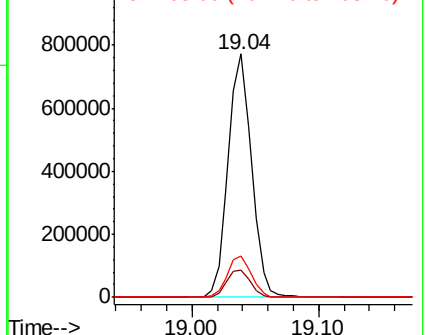


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

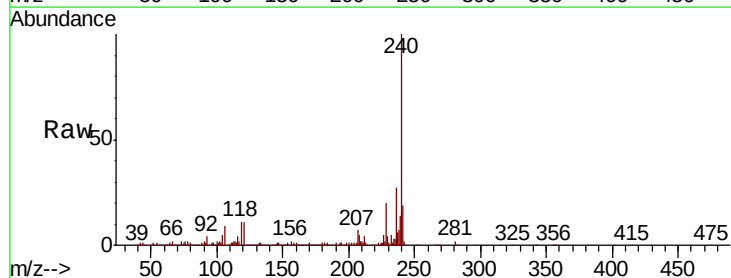
Tgt Ion:240 Resp: 812673

Ion Ratio Lower Upper

240 100

120 11.2 8.6 13.0

236 26.6 21.4 32.2

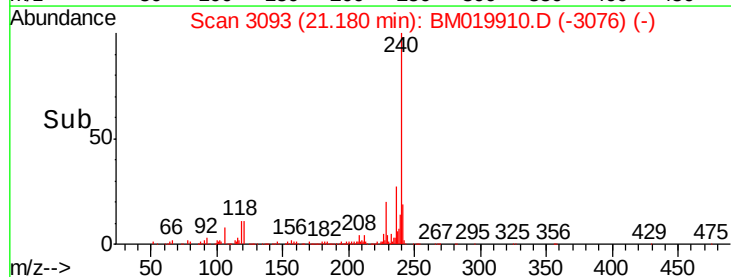
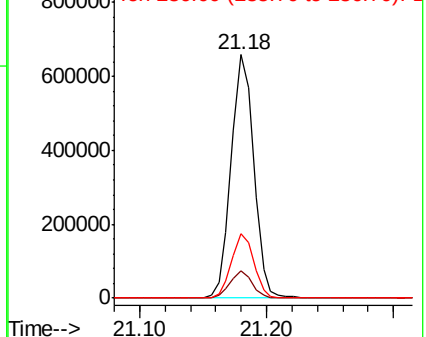


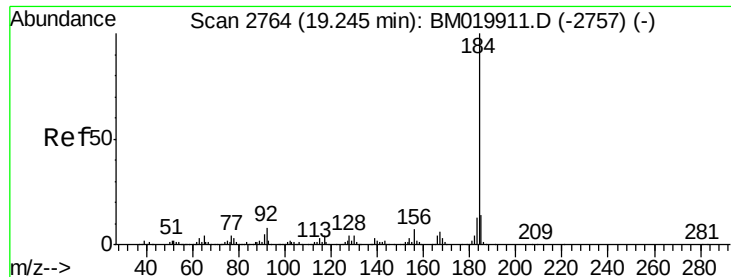
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.254 ng

RT: 19.25 min Scan# 2765

Delta R.T. 0.01 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampleId :

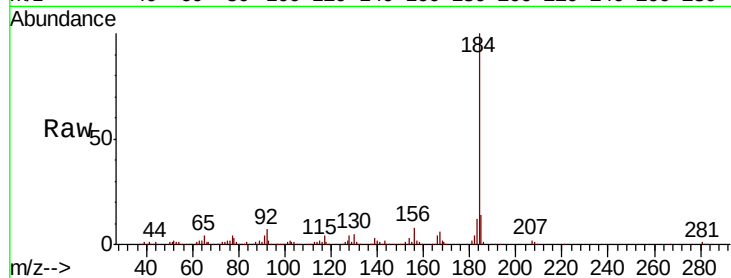
Tot Ion:184 Resp: 466818

Ion Ratio Lower Upper

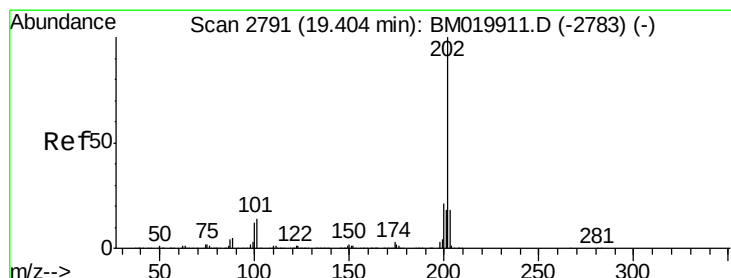
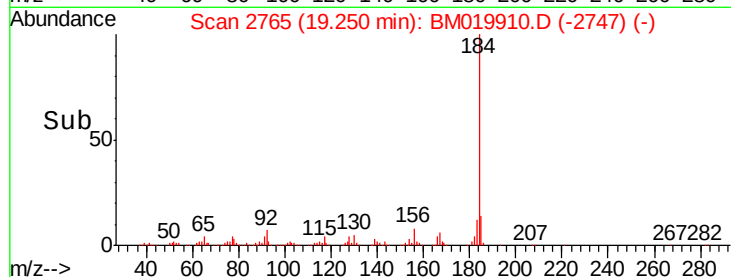
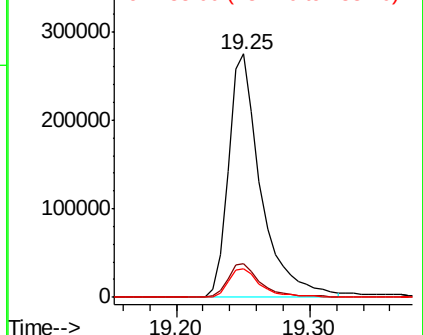
184 100

185 13.8 11.0 16.6

183 11.8 10.1 15.1



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



#78

Pyrene

Concen: 19.886 ng

RT: 19.40 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

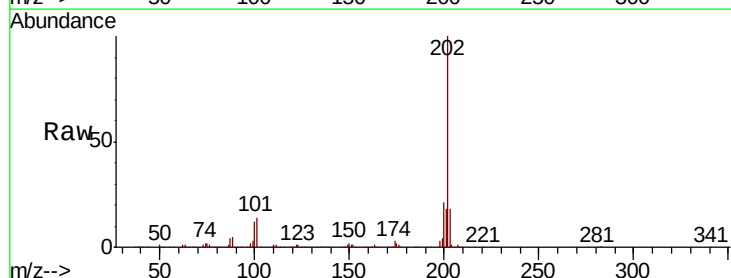
Tgt Ion:202 Resp: 1022519

Ion Ratio Lower Upper

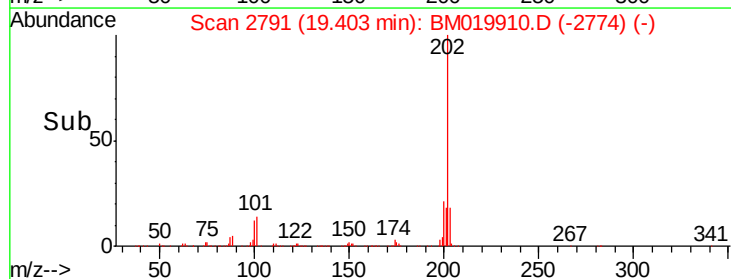
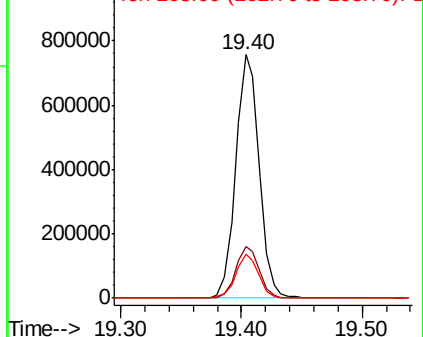
202 100

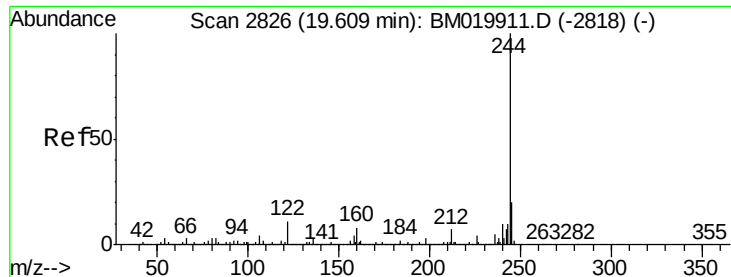
200 21.1 17.0 25.4

203 17.9 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: 41.510 ng

RT: 19.61 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampleId :

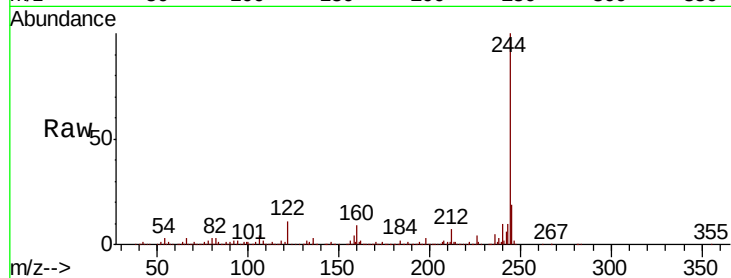
Tot Ion:244 Resp: 1699271

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

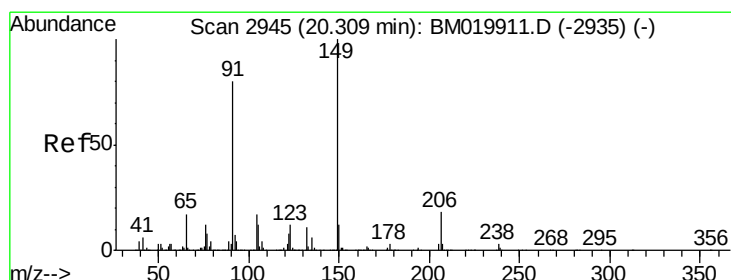
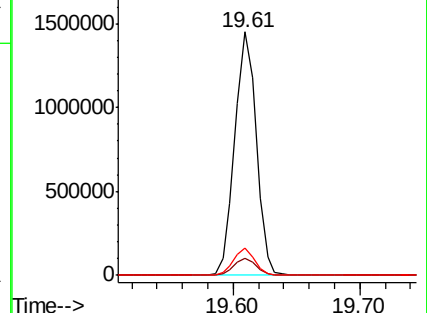
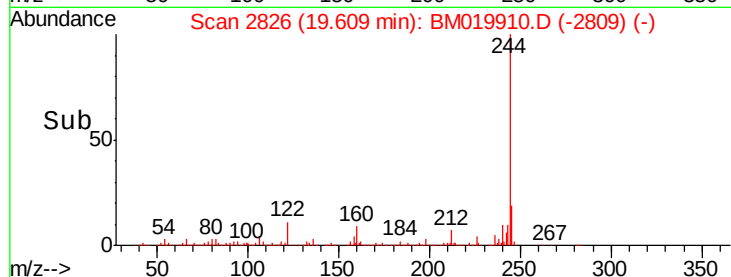
122 11.1 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 21.906 ng

RT: 20.31 min Scan# 2945

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

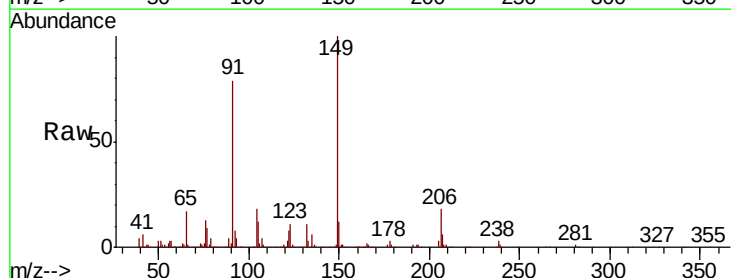
Tgt Ion:149 Resp: 490592

Ion Ratio Lower Upper

149 100

91 78.9 63.7 95.5

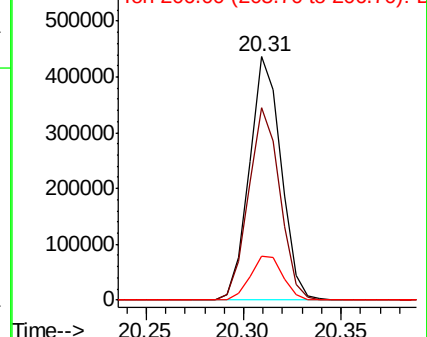
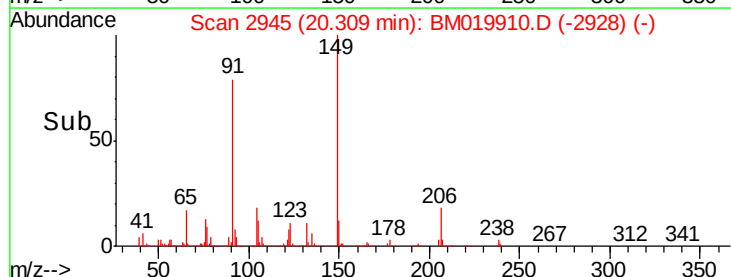
206 18.1 14.6 21.8

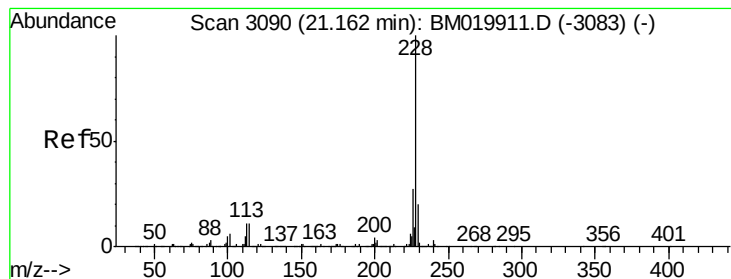


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 19.787 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

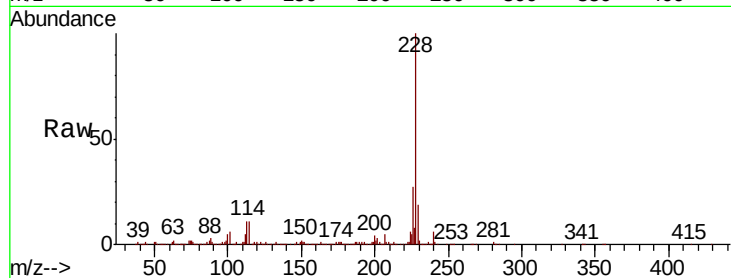
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1008843

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.6
229	19.5	15.9	23.9

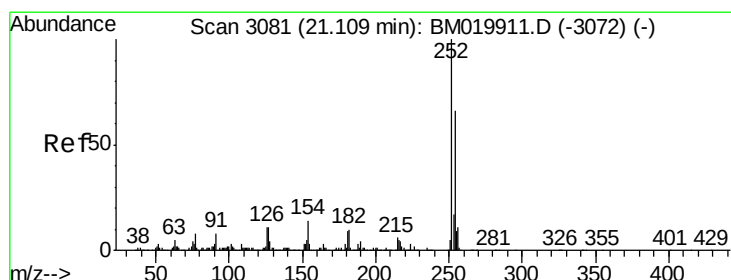
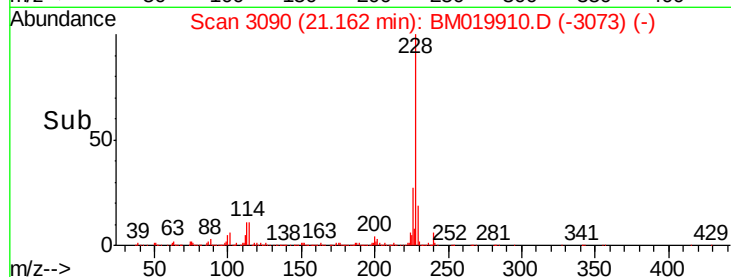
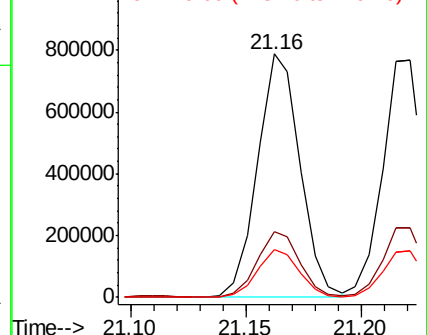


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.372 ng

RT: 21.11 min Scan# 3081

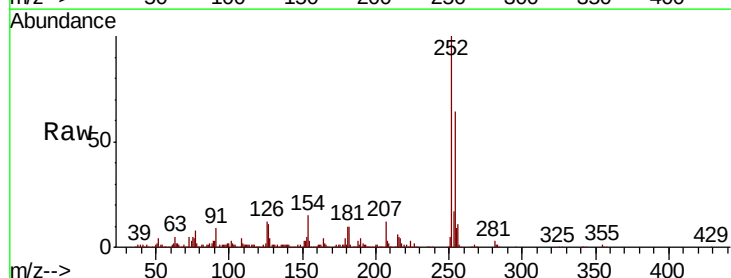
Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Tgt Ion:252 Resp: 400118

Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.6	78.8
126	11.6	8.6	12.8

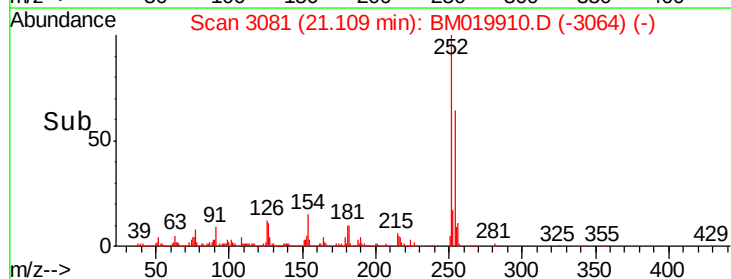
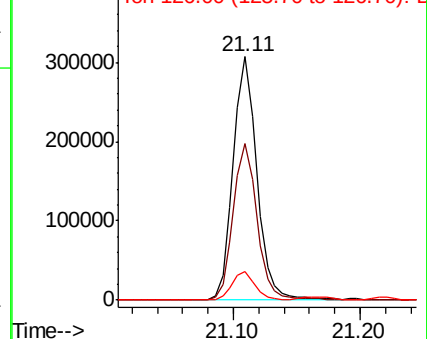


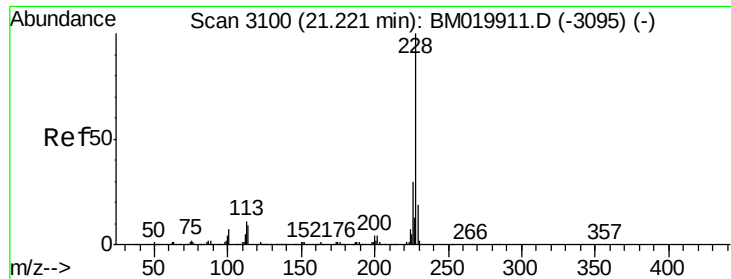
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

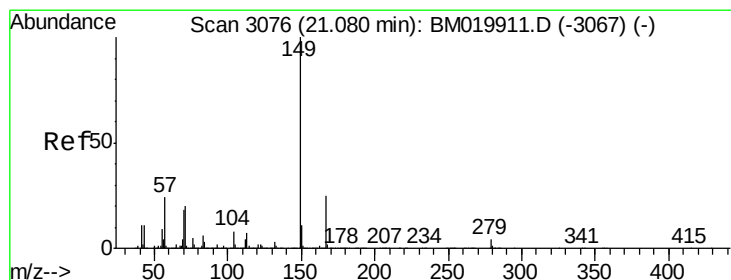
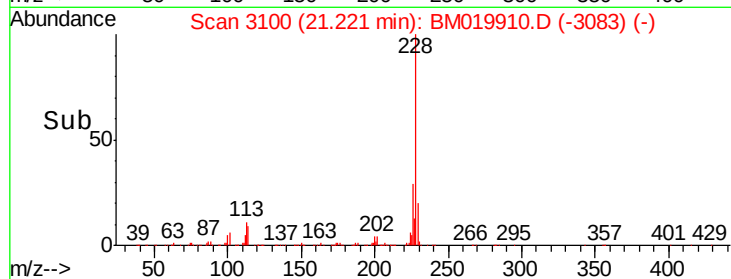
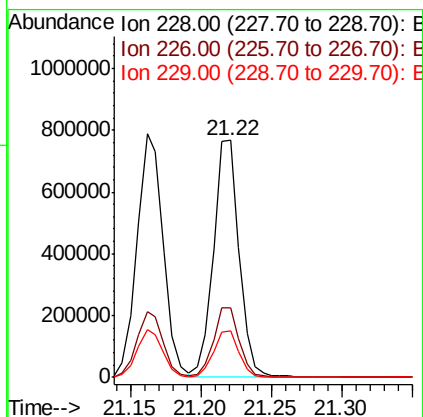
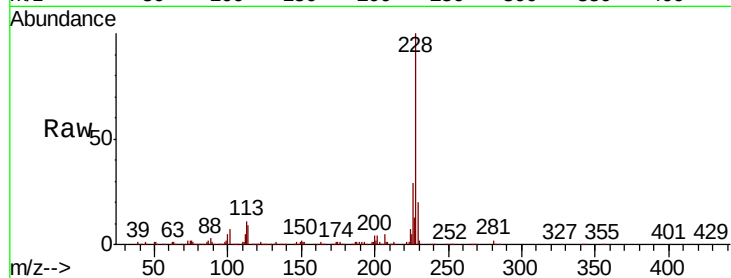




#83
 Chrysene
 Concen: 19.593 ng
 RT: 21.22 min Scan# 3100
 Delta R.T. -0.00 min
 Lab File: BM019910.D
 Acq: 15 Apr 2019 11:50

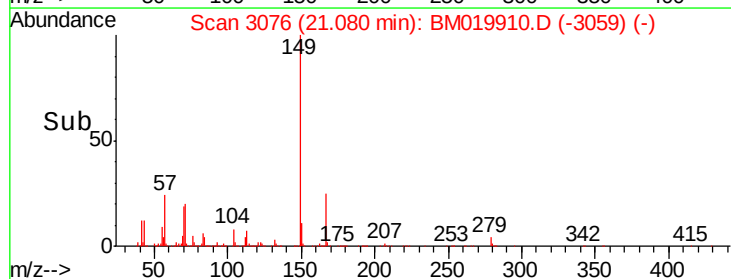
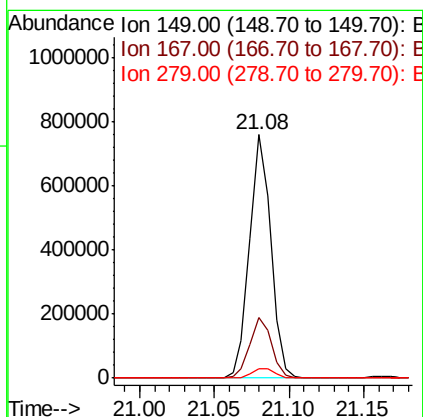
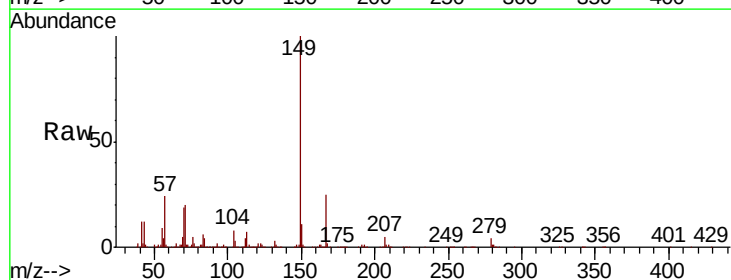
Instrument :
 BNA_M
 ClientSampleId :

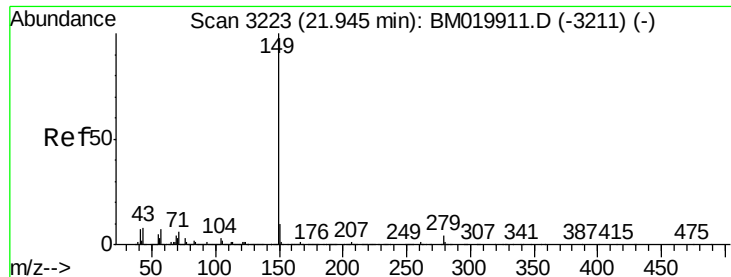
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.7	35.5
229	19.6	15.6	23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 22.884 ng
 RT: 21.08 min Scan# 3076
 Delta R.T. -0.00 min
 Lab File: BM019910.D
 Acq: 15 Apr 2019 11:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.3	30.5
279	3.9	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 22.789 ng

RT: 21.95 min Scan# 3224

Delta R.T. 0.01 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampled :

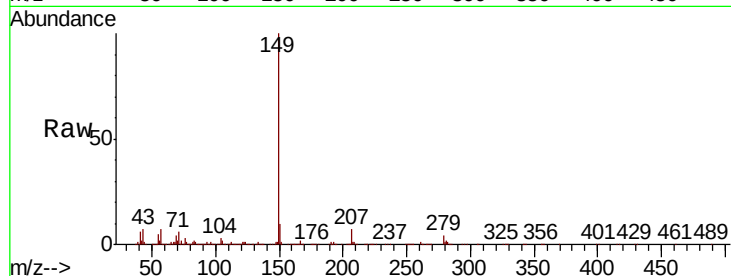
Tot Ion:149 Resp: 1250317

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

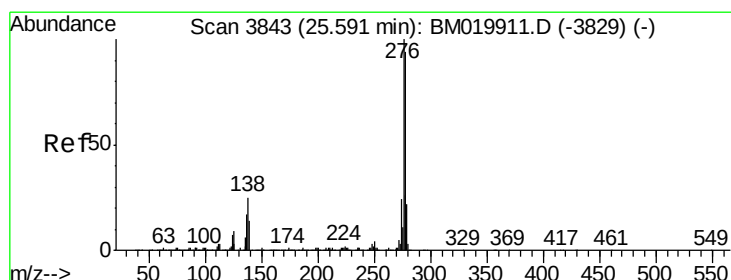
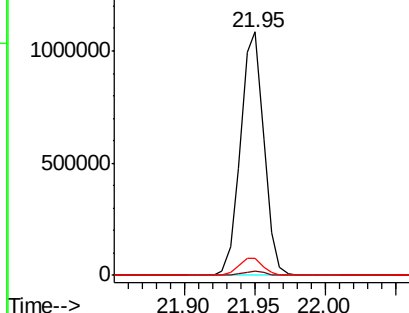
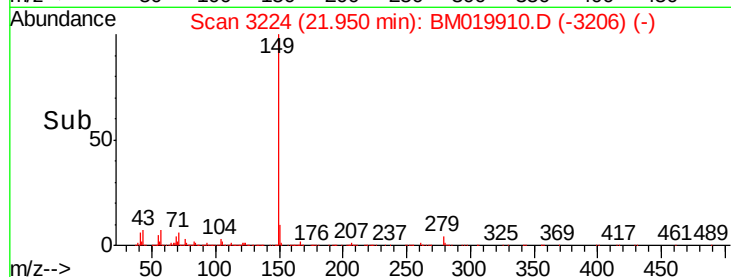
43 7.5 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 19.591 ng

RT: 25.59 min Scan# 3843

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

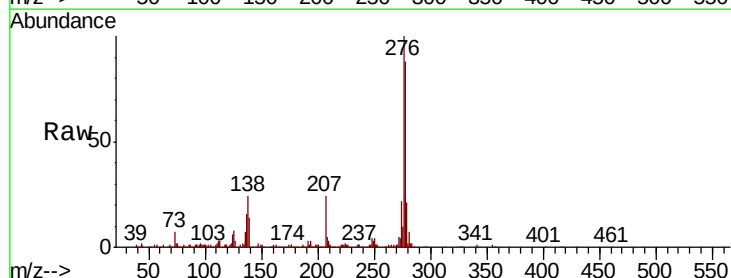
Tgt Ion:276 Resp: 1040225

Ion Ratio Lower Upper

276 100

138 23.5 19.0 28.6

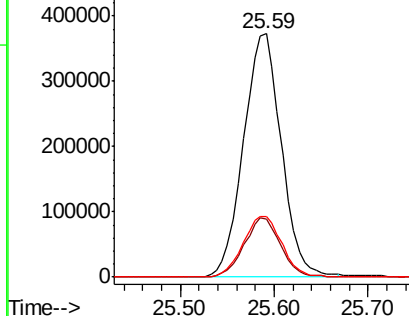
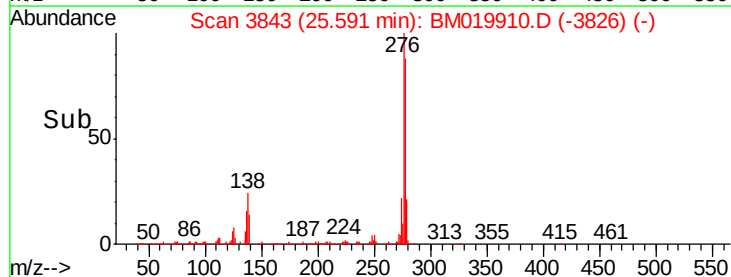
277 25.6 20.3 30.5

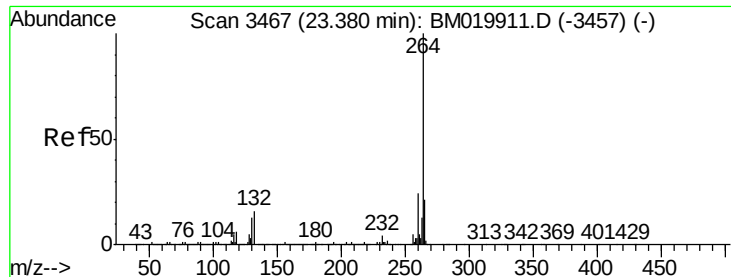


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

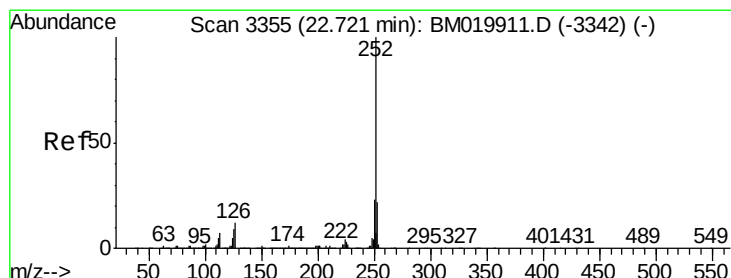
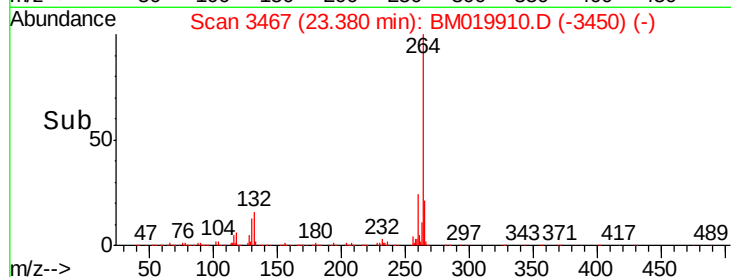
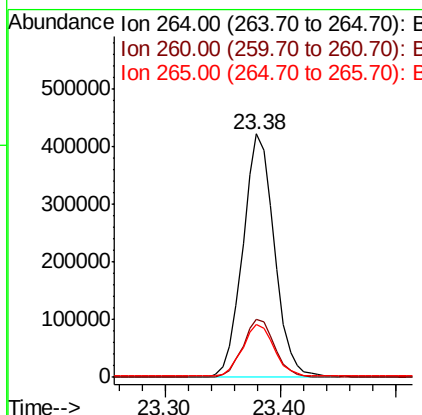
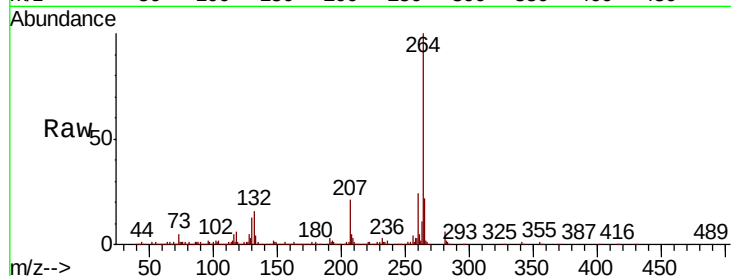




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3467
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

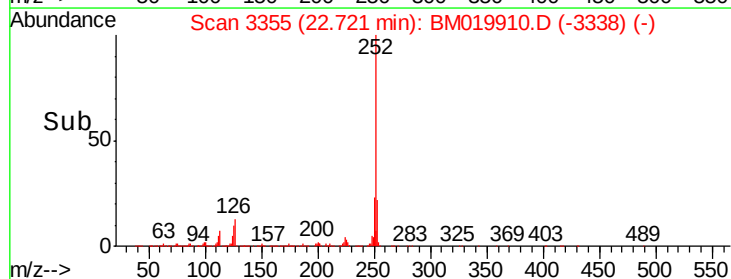
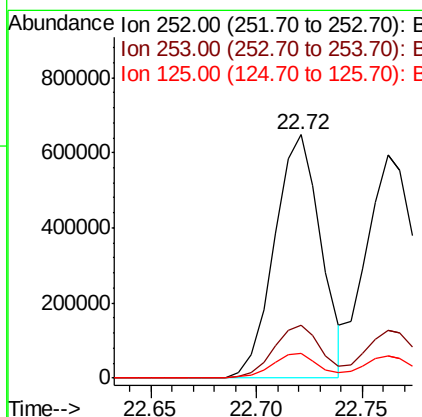
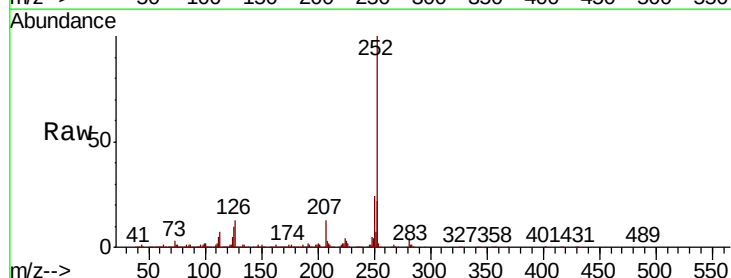
Instrument :
BNA_M
ClientSampled :

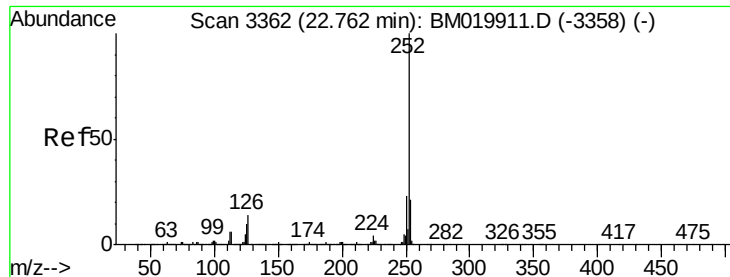
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.5	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 19.082 ng
RT: 22.72 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BM019910.D
Acq: 15 Apr 2019 11:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.1	7.6	11.4





#89

Benzo(k)fluoranthene

Concen: 20.116 ng

RT: 22.76 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Instrument :

BNA_M

ClientSampleId :

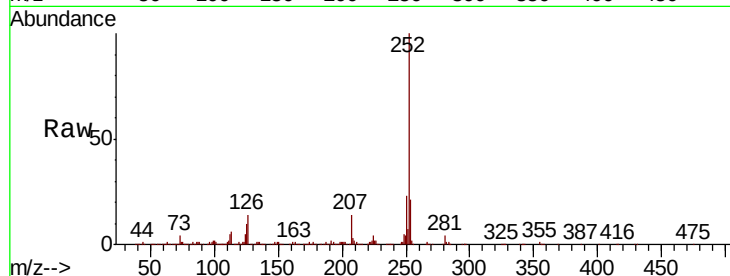
Tot Ion:252 Resp: 962761

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

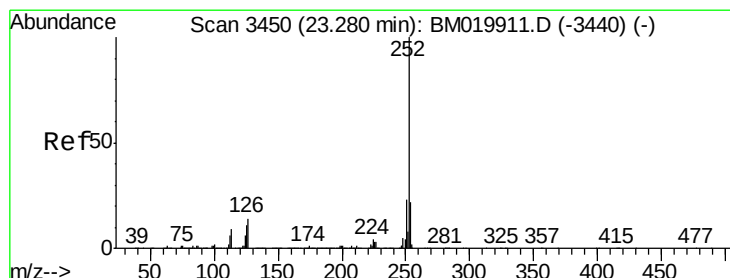
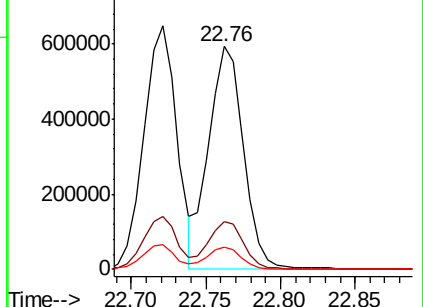
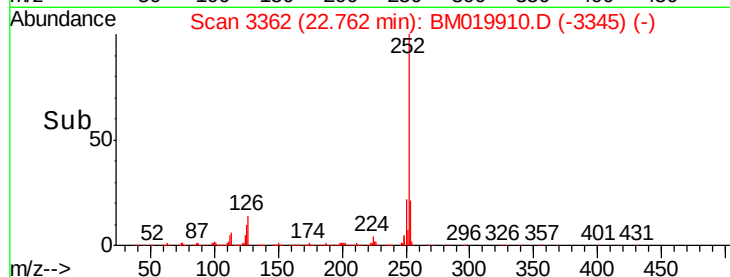
125 10.0 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 19.479 ng

RT: 23.29 min Scan# 3451

Delta R.T. 0.01 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

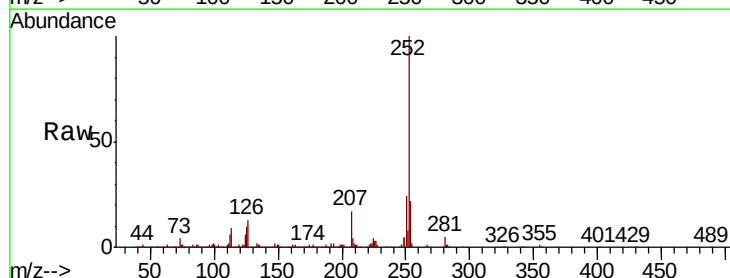
Tgt Ion:252 Resp: 910894

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

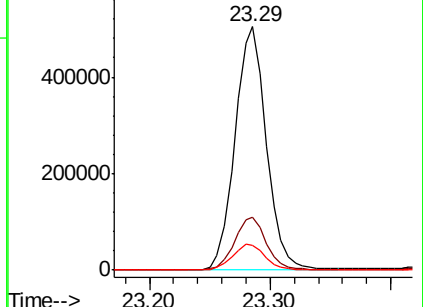
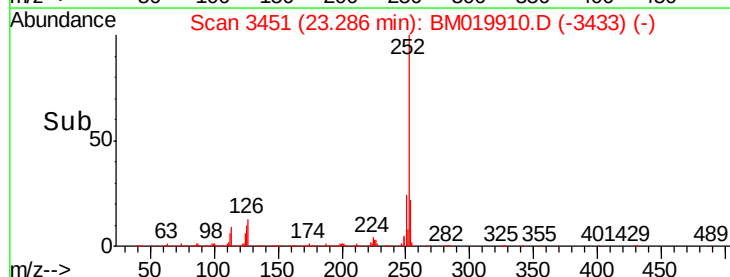
125 10.4 9.1 13.7

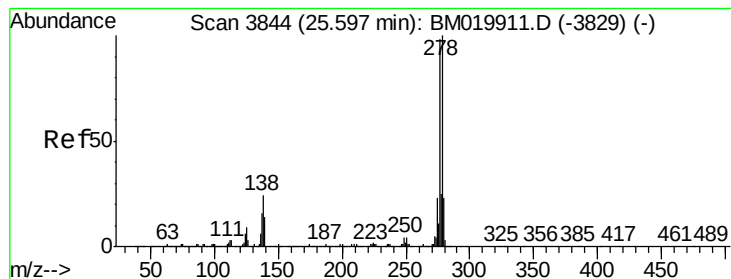


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 19.509 ng

RT: 25.59 min Scan# 3843

Delta R.T. -0.01 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

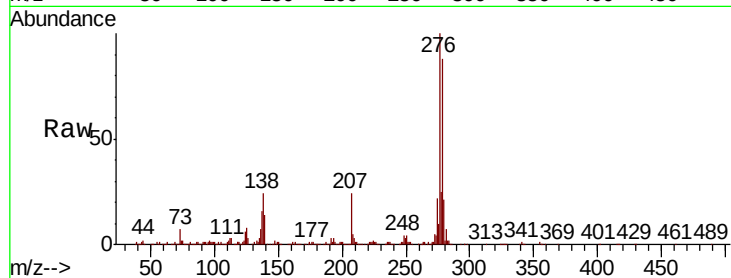
Instrument :

BNA_M

ClientSampled :

Tot Ion:278 Resp: 872687

Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.6	17.4
279	24.2	18.4	27.6

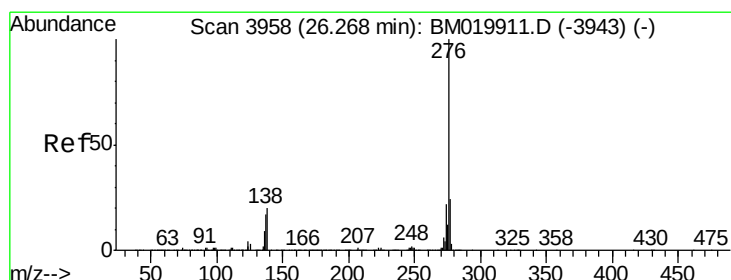
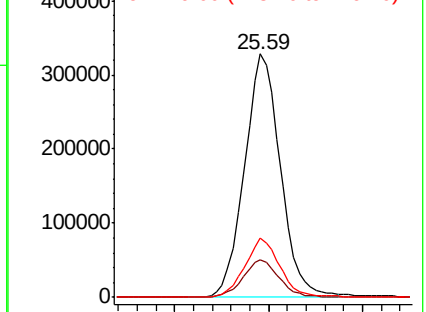
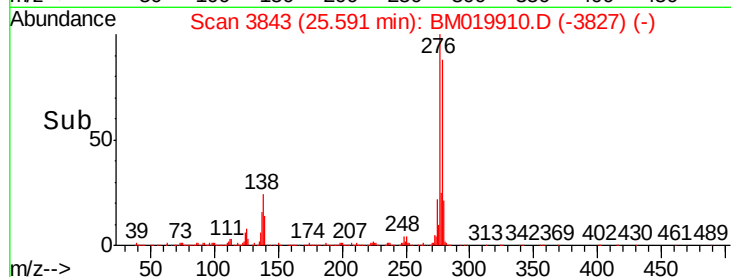


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 19.725 ng

RT: 26.27 min Scan# 3958

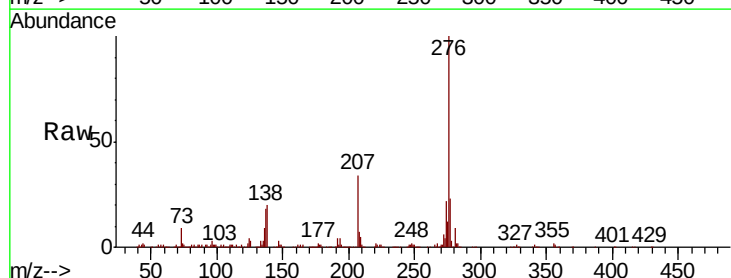
Delta R.T. -0.00 min

Lab File: BM019910.D

Acq: 15 Apr 2019 11:50

Tgt Ion:276 Resp: 810089

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.8	28.2
138	19.7	16.2	24.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

