

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
 Data File : BM018911.D
 Acq On : 25 Feb 2019 12:16
 Operator : JU/SJ
 Sample : PB117339BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117339BS

Quant Time: Feb 25 12:54:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 25 12:45:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	246570	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1033178	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	594328	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1323157	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1285487	20.00	ng	0.00
87) Perylene-d12	23.55	264	1109031	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2395851	159.21	ng	0.00
7) Phenol-d6	6.87	99	3324322	156.81	ng	0.00
23) Nitrobenzene-d5	8.86	82	1776830	79.52	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	1313743	153.35	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	3559773	79.51	ng	0.00
79) Terphenyl-d14	19.73	244	5909731	94.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	237244	36.196	ng	96
3) Pyridine	3.64	79	693669	38.799	ng	99
4) n-Nitrosodimethylamine	3.56	42	209764	46.120	ng	93
6) Aniline	7.04	93	833268	32.079	ng	100
8) 2-Chlorophenol	7.26	128	742486	44.939	ng	98
9) Benzaldehyde	6.86	77	278146	20.787	ng	99
10) Phenol	6.90	94	1015085	45.506	ng	99
11) bis(2-Chloroethyl)ether	7.14	93	685071	40.261	ng	98
12) 1,3-Dichlorobenzene	7.58	146	731711	39.385	ng	99
13) 1,4-Dichlorobenzene	7.73	146	751272	39.721	ng	100
14) 1,2-Dichlorobenzene	8.05	146	726561	39.992	ng	99
15) Benzyl Alcohol	7.95	79	722757	42.906	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.23	45	669975	40.681	ng	97
17) 2-Methylphenol	8.14	107	634668	44.703	ng	98
18) Hexachloroethane	8.76	117	275485	39.900	ng	99
19) n-Nitroso-di-n-propylamine	8.51	70	648579	39.512	ng	99
20) 3+4-Methylphenols	8.47	107	859926	43.863	ng	99
22) Acetophenone	8.53	105	1084832	38.235	ng	99
24) Nitrobenzene	8.91	77	936634	40.383	ng	99
25) Isophorone	9.43	82	1618654	45.400	ng	100
26) 2-Nitrophenol	9.61	139	384478	41.626	ng	99
27) 2,4-Dimethylphenol	9.67	122	664015	49.221	ng	100
28) bis(2-Chloroethoxy)methane	9.91	93	969711	42.060	ng	100
29) 2,4-Dichlorophenol	10.13	162	687032	44.352	ng	98
30) 1,2,4-Trichlorobenzene	10.35	180	709809	39.678	ng	97
31) Naphthalene	10.53	128	2165207	42.970	ng	99
32) Benzoic acid	9.82	122	392278	33.335	ng	99
33) 4-Chloroaniline	10.66	127	446641	19.829	ng	100
34) Hexachlorobutadiene	10.80	225	378881	36.488	ng	99
35) Caprolactam	11.47	113	212896	33.676	ng	91
36) 4-Chloro-3-methylphenol	11.78	107	790067	42.303	ng	99
37) 2-Methylnaphthalene	12.15	142	1603206	45.190	ng	99
38) 1-Methylnaphthalene	12.37	142	1528520	44.060	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	754448	39.683	ng	99

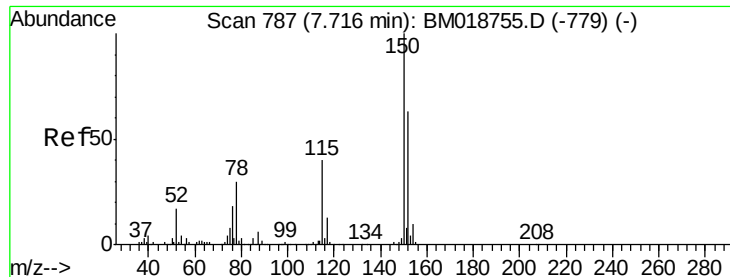
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
 Data File : BM018911.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	841031	86.523	ng	99
43) 2,4,6-Trichlorophenol	12.77	196	544324	43.249	ng	98
44) 2,4,5-Trichlorophenol	12.84	196	575695	43.641	ng	97
46) 1,1'-Biphenyl	13.17	154	2055900	40.187	ng	99
47) 2-Chloronaphthalene	13.22	162	1587621	40.179	ng	100
48) 2-Nitroaniline	13.44	65	556861	42.433	ng	98
49) Acenaphthylene	14.07	152	2593940	44.087	ng	99
50) Dimethylphthalate	13.82	163	2031444	41.013	ng	99
51) 2,6-Dinitrotoluene	13.94	165	448932	41.841	ng	99
52) Acenaphthene	14.42	154	1495391	41.449	ng	100
53) 3-Nitroaniline	14.27	138	329120	27.148	ng	94
54) 2,4-Dinitrophenol	14.49	184	425376	63.742	ng	97
55) Dibenzofuran	14.75	168	2425771	40.908	ng	100
56) 4-Nitrophenol	14.59	139	710720	73.439	ng	99
57) 2,4-Dinitrotoluene	14.73	165	634647	42.930	ng	99
58) Fluorene	15.40	166	1991293	43.894	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.97	232	515012	44.168	ng	100
60) Diethylphthalate	15.18	149	2085285	40.813	ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	976458	38.390	ng	97
62) 4-Nitroaniline	15.44	138	407254	34.266	ng	98
63) Azobenzene	15.69	77	2255825	41.177	ng	98
65) 4,6-Dinitro-2-methylphenol	15.49	198	319451	34.386	ng	99
66) n-Nitrosodiphenylamine	15.62	169	1727034	41.313	ng	100
67) 4-Bromophenyl-phenylether	16.29	248	580609	39.203	ng	97
68) Hexachlorobenzene	16.39	284	681470	39.586	ng	99
69) Atrazine	16.57	200	585475	43.442	ng	99
70) Pentachlorophenol	16.74	266	842547	76.012	ng	98
71) Phenanthrene	17.14	178	3074504	43.237	ng	100
72) Anthracene	17.23	178	3102113	44.821	ng	99
73) Carbazole	17.52	167	2802403	38.755	ng	99
74) Di-n-butylphthalate	18.07	149	3512507	42.237	ng	99
75) Fluoranthene	19.17	202	3449544	41.996	ng	99
77) Benzidine	19.36	184	1025581	35.425	ng	99
78) Pyrene	19.53	202	3529348	47.272	ng	99
80) Butylbenzylphthalate	20.43	149	1604326	47.151	ng	98
81) Benzo(a)anthracene	21.28	228	3291096	43.920	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	904255	30.534	ng	100
83) Chrysene	21.33	228	3080557	42.891	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2330050	46.788	ng	99
85) Di-n-octyl phthalate	22.09	149	3921058	46.847	ng	99
86) Indeno(1,2,3-cd)pyrene	25.83	276	3235003	39.012	ng	100
88) Benzo(b)fluoranthene	22.87	252	3079032	48.525	ng	100
89) Benzo(k)fluoranthene	22.91	252	3053202	48.333	ng	100
90) Benzo(a)pyrene	23.45	252	2879151	47.899	ng	99
91) Dibenzo(a,h)anthracene	25.84	278	2751903	46.209	ng	100
92) Benzo(g,h,i)perylene	26.53	276	2628278	47.406	ng	99

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

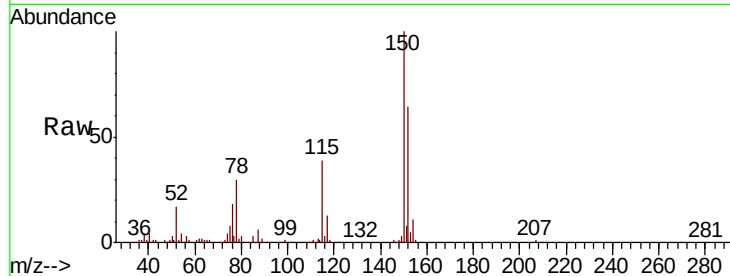


#1

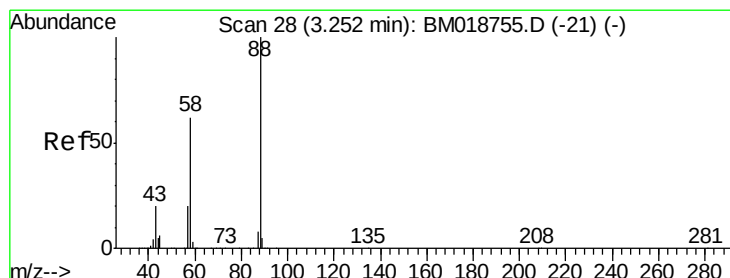
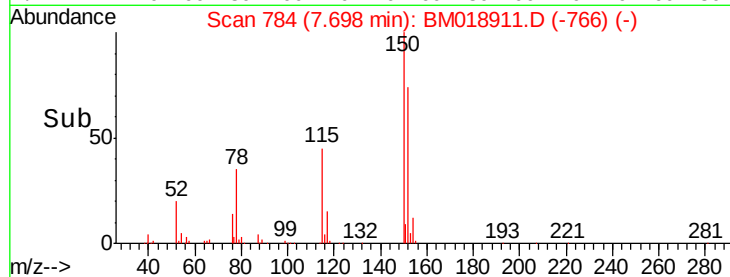
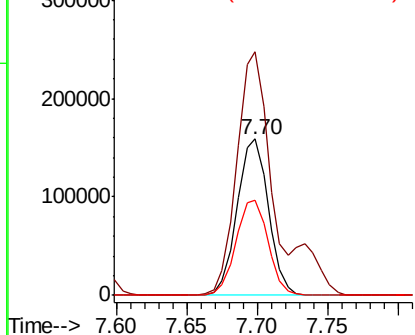
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion:152 Resp: 246570
Ion Ratio Lower Upper
152 100
150 156.0 127.3 190.9
115 61.4 50.8 76.2



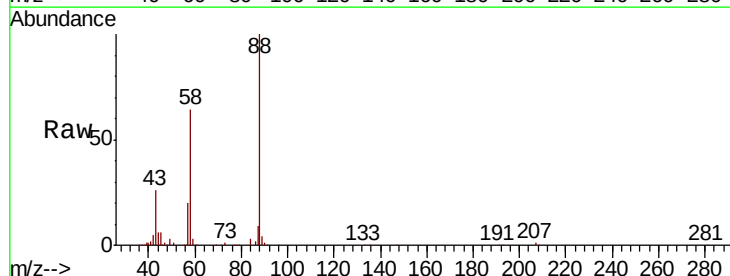
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



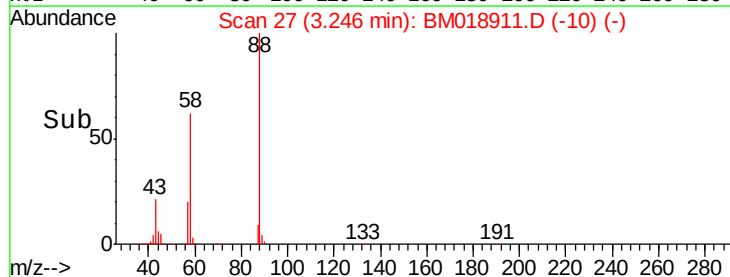
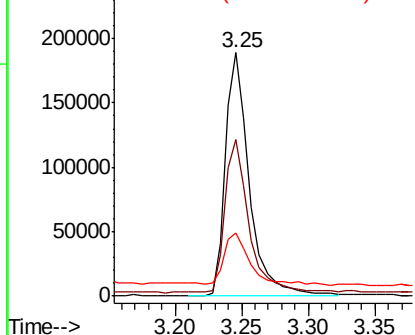
#2

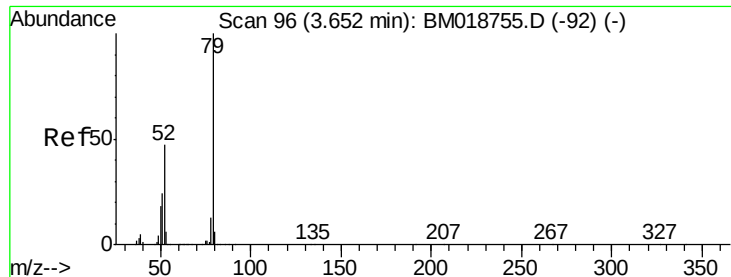
1,4-Dioxane
Concen: 36.196 ng
RT: 3.25 min Scan# 27
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion: 88 Resp: 237244
Ion Ratio Lower Upper
88 100
58 64.4 49.8 74.6
43 23.6 16.7 25.1



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: 38.799 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

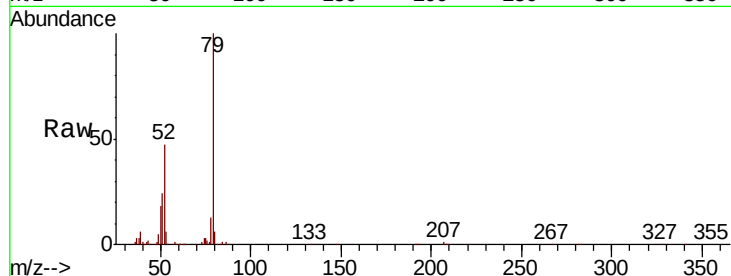
Tot Ion: 79 Resp: 693669

Ion Ratio Lower Upper

79 100

52 47.1 37.6 56.4

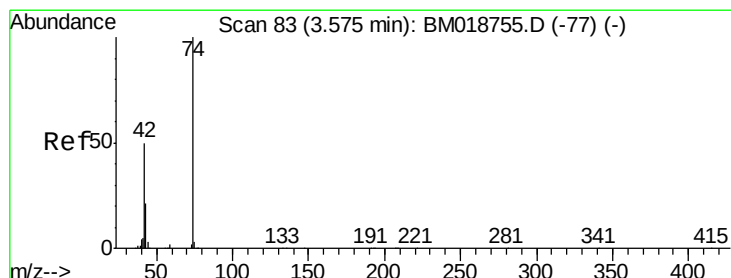
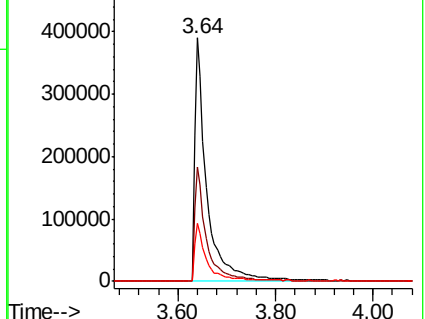
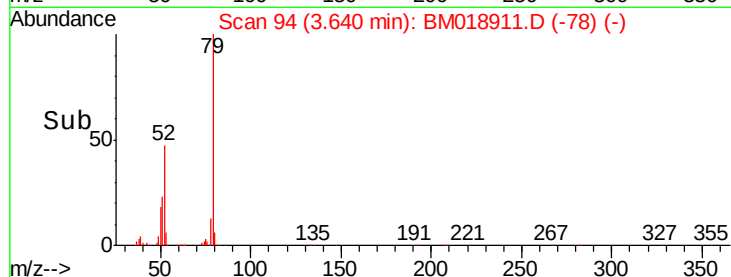
51 23.7 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 46.120 ng

RT: 3.56 min Scan# 81

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

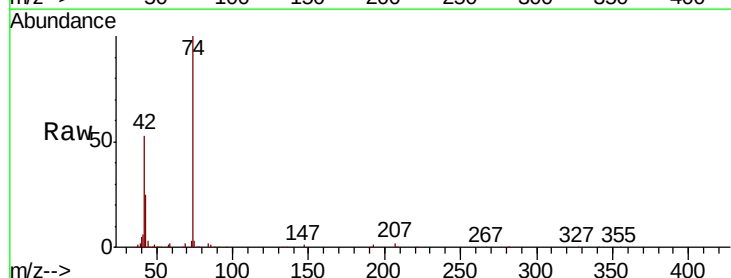
Tgt Ion: 42 Resp: 209764

Ion Ratio Lower Upper

42 100

74 187.6 158.1 237.1

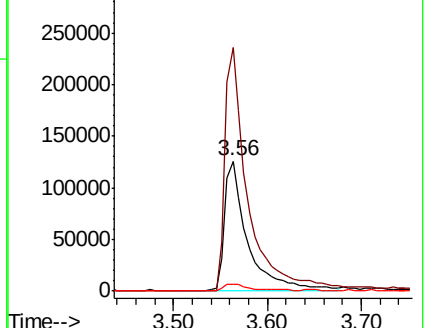
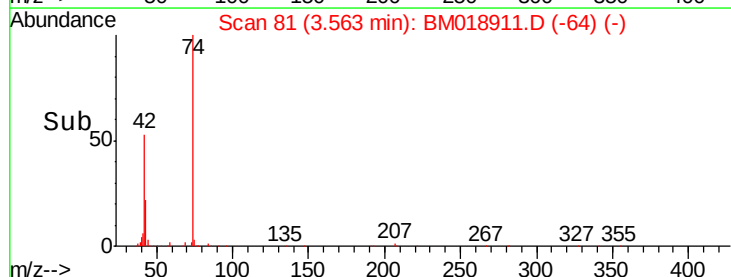
44 5.6 4.9 7.3

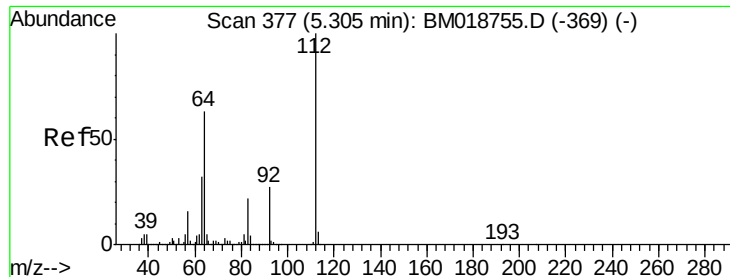


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 159.206 ng

RT: 5.29 min Scan# 375

Delta R.T. 0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

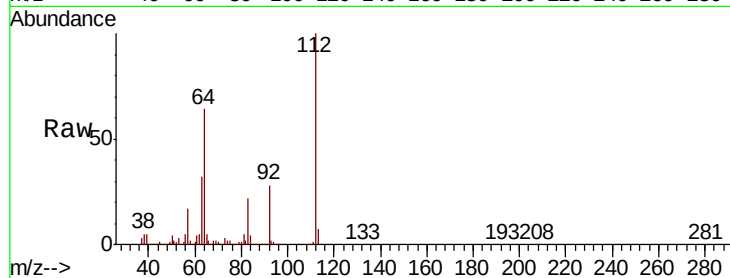
Tot Ion:112 Resp: 2395851

Ion Ratio Lower Upper

112 100

64 63.7 50.6 75.8

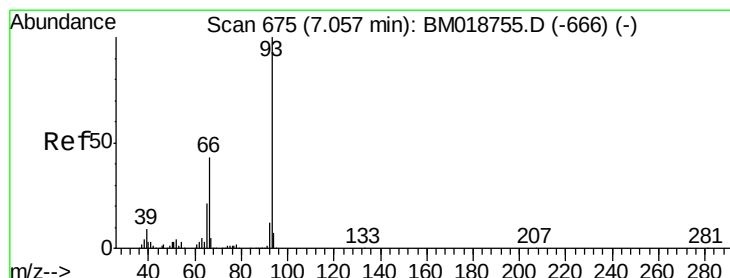
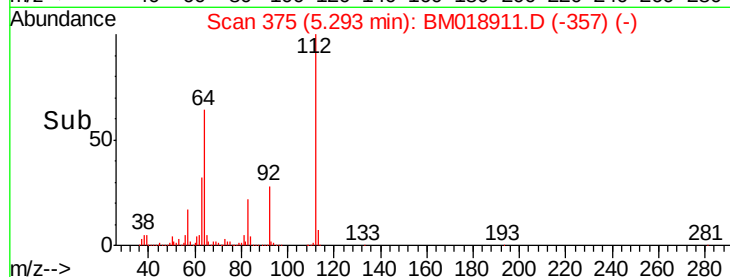
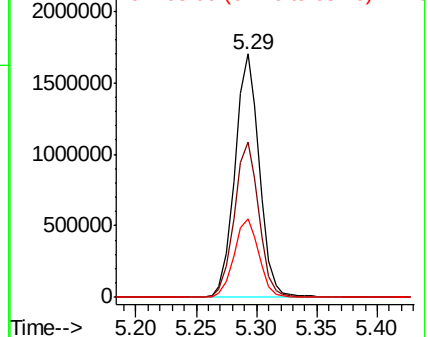
63 32.2 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 32.079 ng

RT: 7.04 min Scan# 672

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

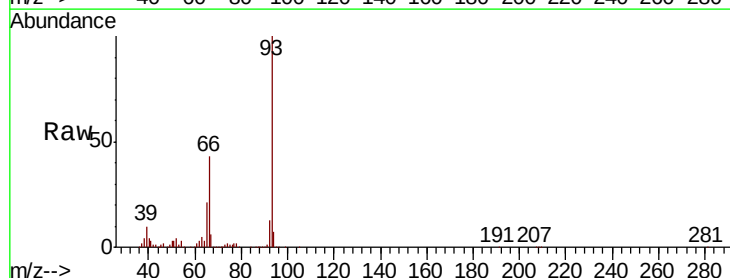
Tgt Ion: 93 Resp: 833268

Ion Ratio Lower Upper

93 100

66 42.6 34.1 51.1

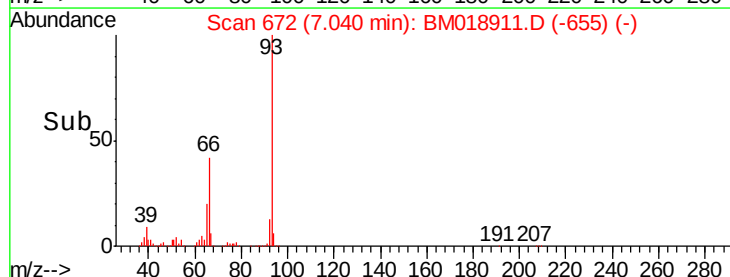
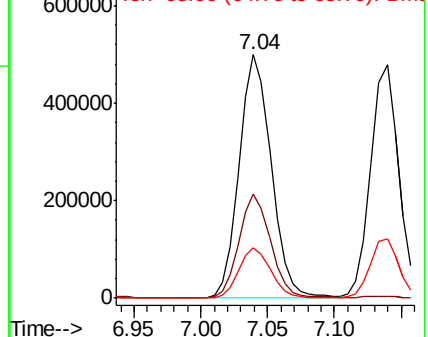
65 20.8 16.6 24.8

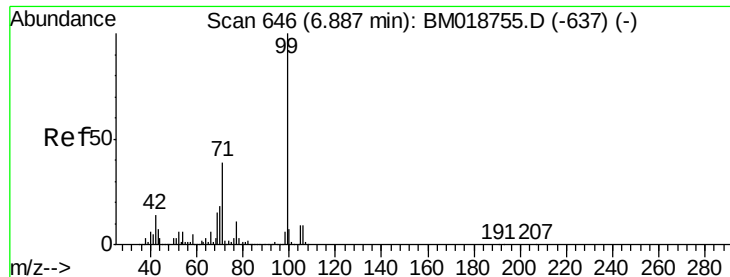


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 156.808 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

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ClientSampleId :

PB117339BS

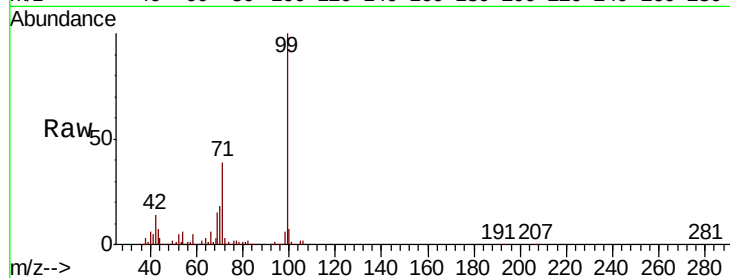
Tot Ion: 99 Resp: 3324322

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.0	16.6
71	38.9	31.3	46.9

99 100

42 14.1 11.0 16.6

71 38.9 31.3 46.9

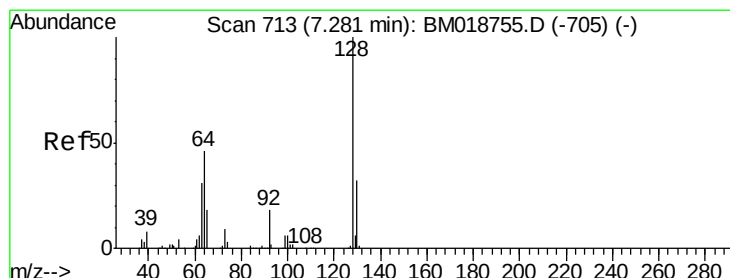
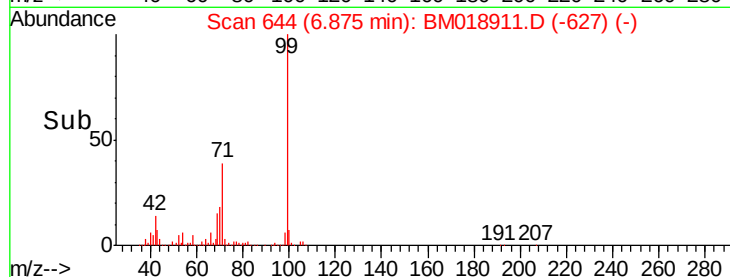
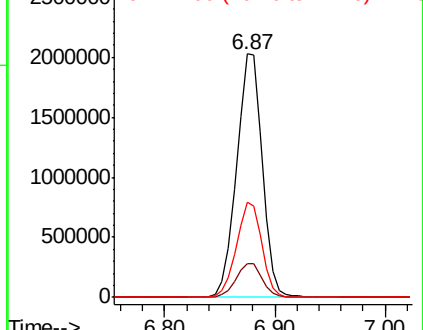


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 44.939 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

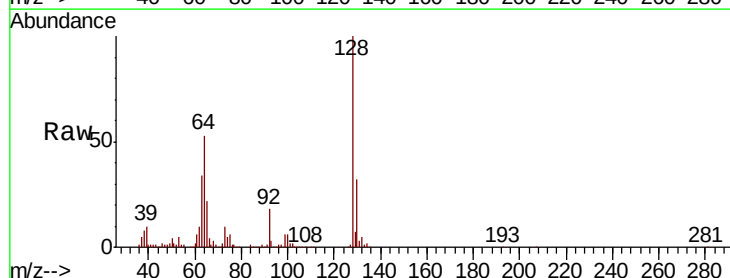
Tgt Ion: 128 Resp: 742486

Ion	Ratio	Lower	Upper
128	100		
130	32.0	11.7	51.7
64	53.1	31.0	71.0

128 100

130 32.0 11.7 51.7

64 53.1 31.0 71.0

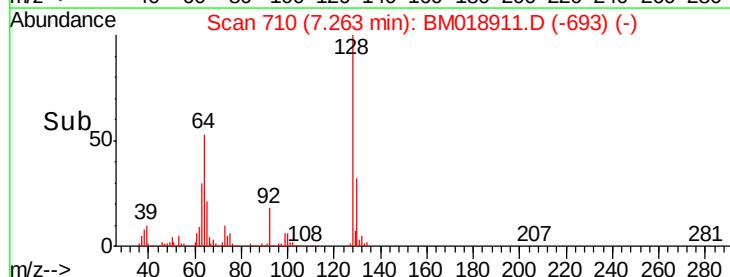
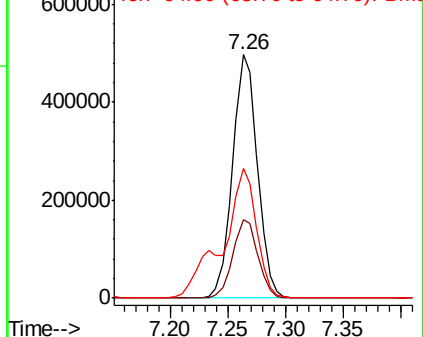


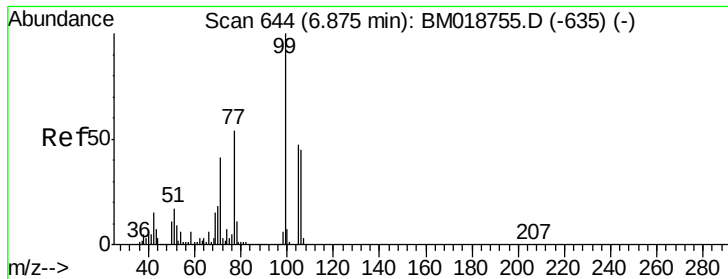
Abundance

Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 20.787 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

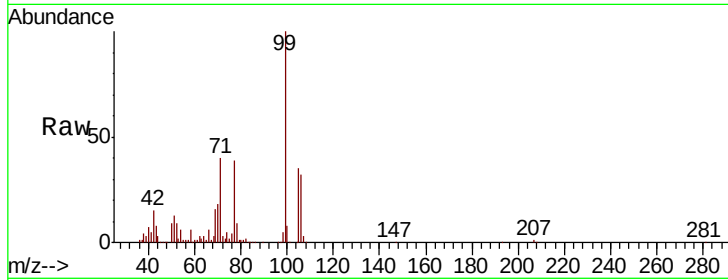
Tot Ion: 77 Resp: 278146

Ion Ratio Lower Upper

77 100

105 88.8 67.3 107.3

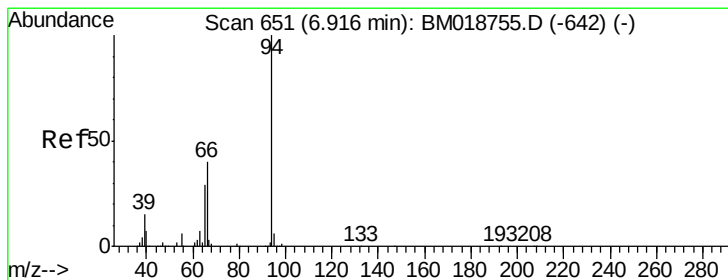
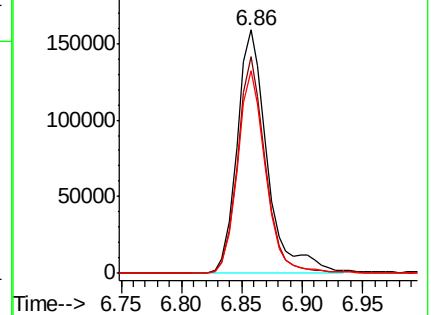
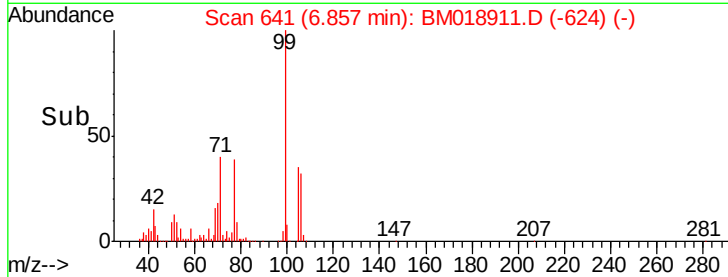
106 83.0 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018911.D (-624) (-)

Ion 105.00 (104.70 to 105.70): BM018911.D (-624) (-)

Ion 106.00 (105.70 to 106.70): BM018911.D (-624) (-)



#10

Phenol

Concen: 45.506 ng

RT: 6.90 min Scan# 649

Delta R.T. 0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

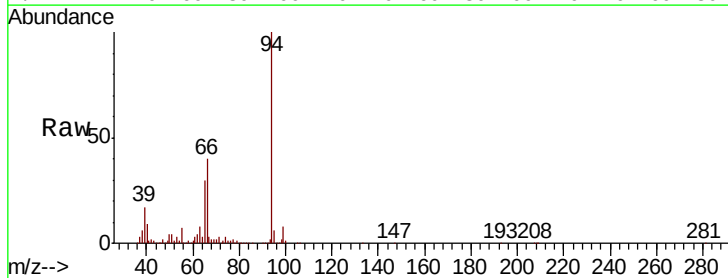
Tgt Ion: 94 Resp: 1015085

Ion Ratio Lower Upper

94 100

65 30.0 9.6 49.6

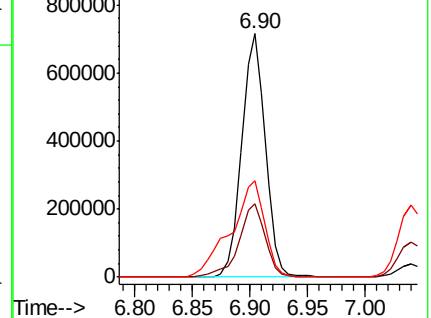
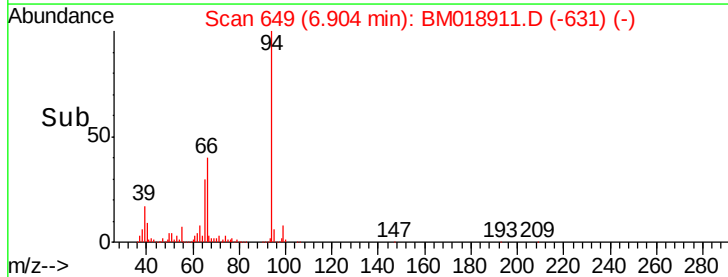
66 39.7 20.4 60.4

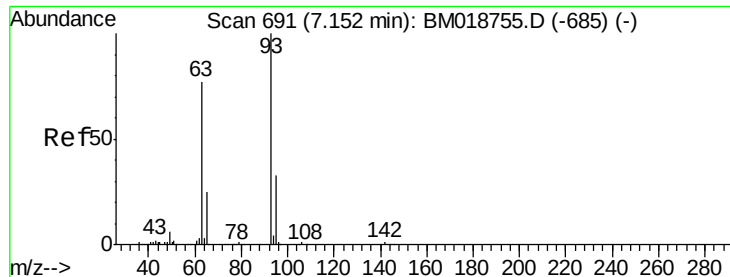


Abundance Ion 94.00 (93.70 to 94.70): BM018911.D (-631) (-)

Ion 65.00 (64.70 to 65.70): BM018911.D (-631) (-)

Ion 66.00 (65.70 to 66.70): BM018911.D (-631) (-)





#11

bis(2-Chloroethyl)ether

Concen: 40.261 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

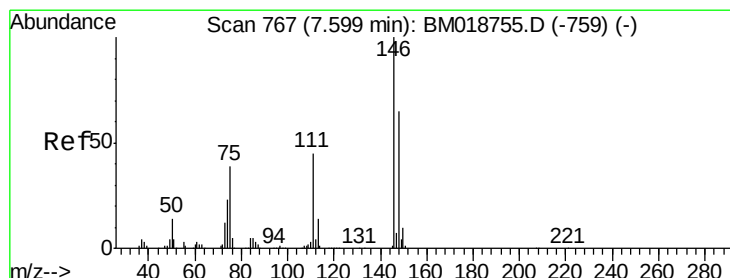
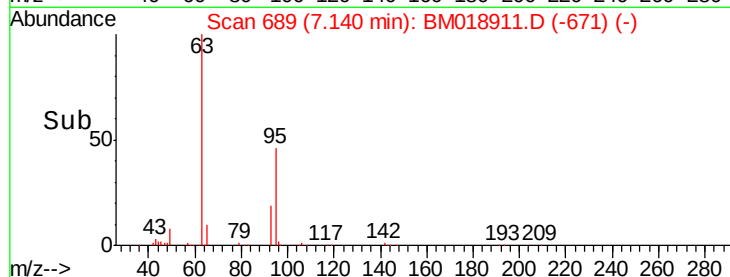
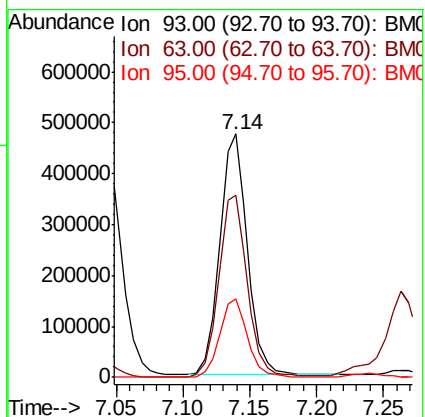
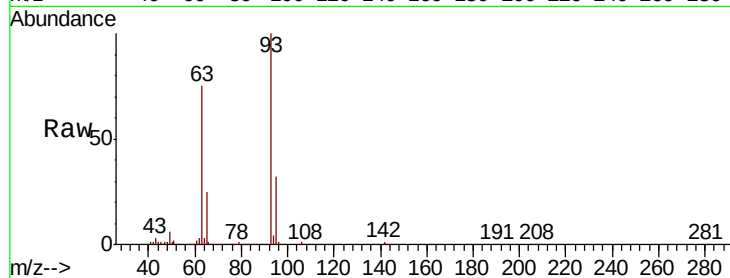
Tot Ion: 93 Resp: 685071

Ion Ratio Lower Upper

93 100

63 74.8 57.0 97.0

95 32.3 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.385 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

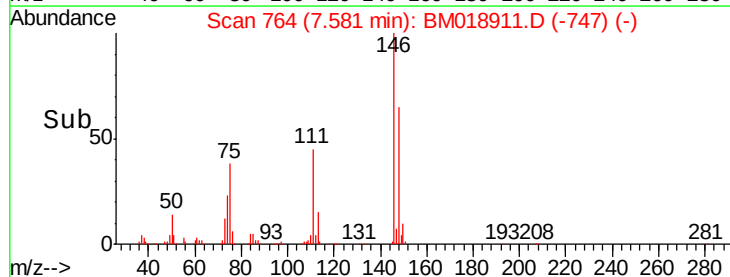
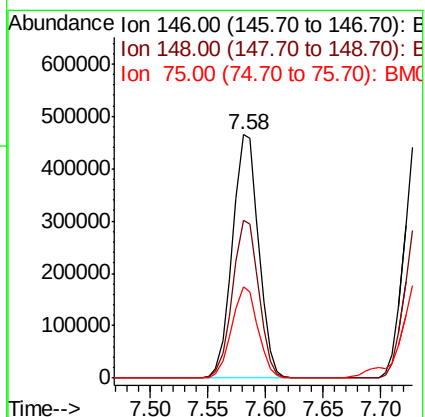
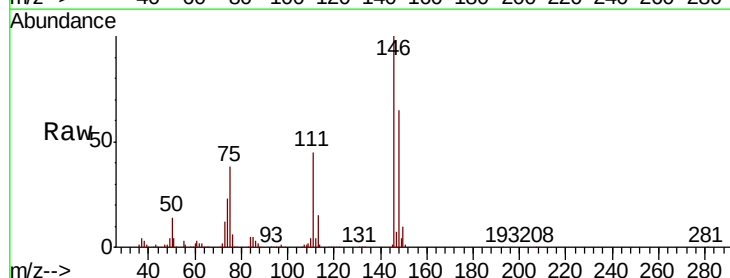
Tgt Ion: 146 Resp: 731711

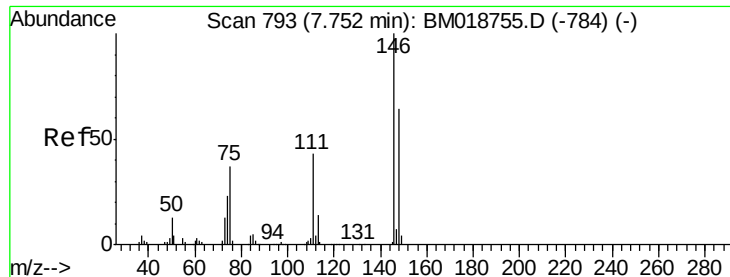
Ion Ratio Lower Upper

146 100

148 64.8 51.7 77.5

75 37.6 31.3 46.9

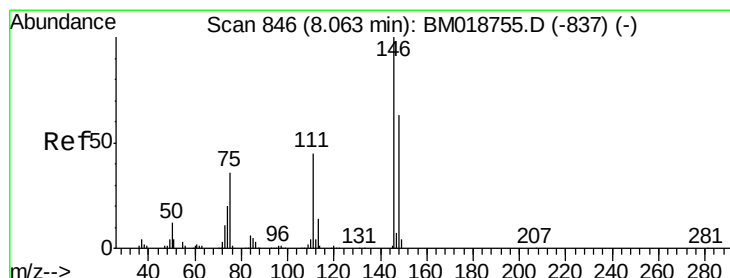
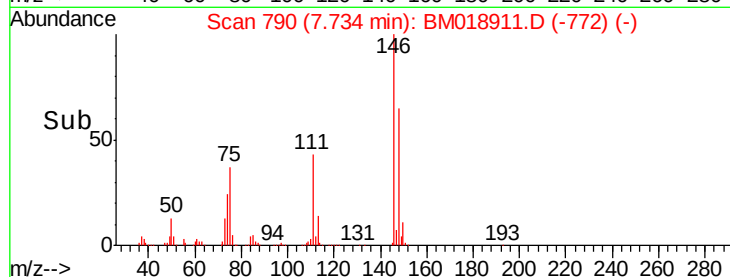
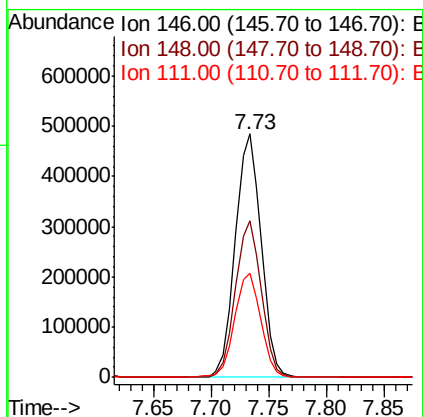
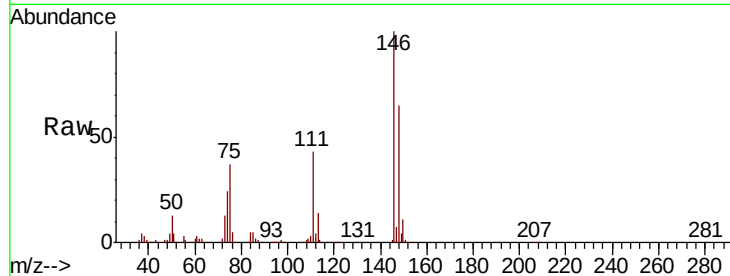




#13
 1,4-Dichlorobenzene
 Concen: 39.721 ng
 RT: 7.73 min Scan# 790
 Delta R.T. 0.01 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

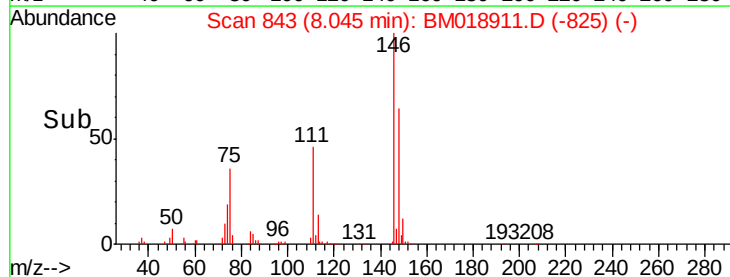
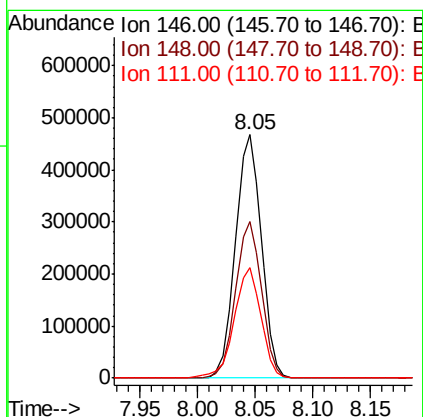
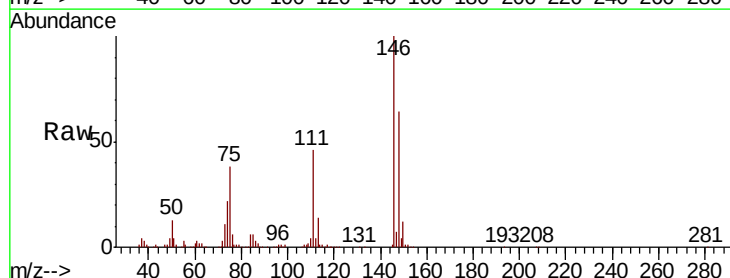
Instrument :
 BNA_M
 ClientSampleId :
 PB117339BS

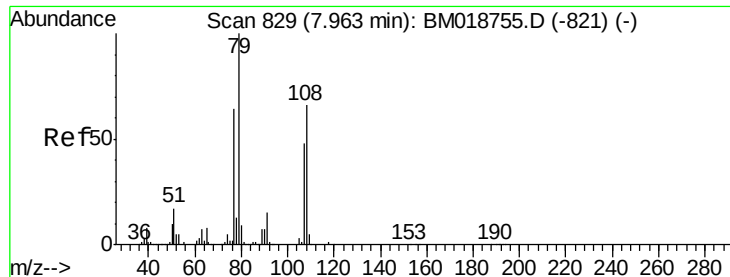
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.2
111	42.9	34.6	52.0



#14
 1,2-Dichlorobenzene
 Concen: 39.992 ng
 RT: 8.05 min Scan# 843
 Delta R.T. 0.01 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.7	76.1
111	45.5	35.9	53.9





#15

Benzyl Alcohol

Concen: 42.906 ng

RT: 7.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

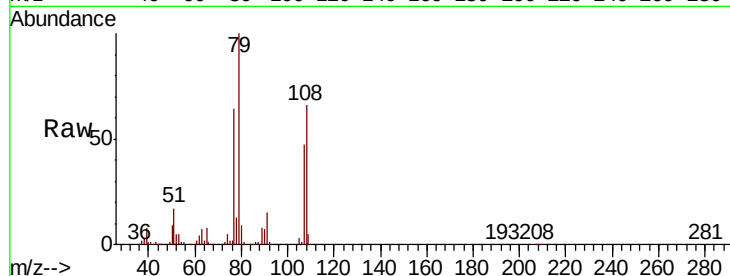
Tot Ion: 79 Resp: 722757

Ion Ratio Lower Upper

79 100

108 65.6 52.7 79.1

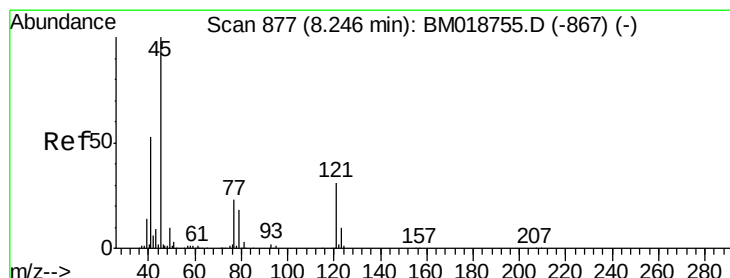
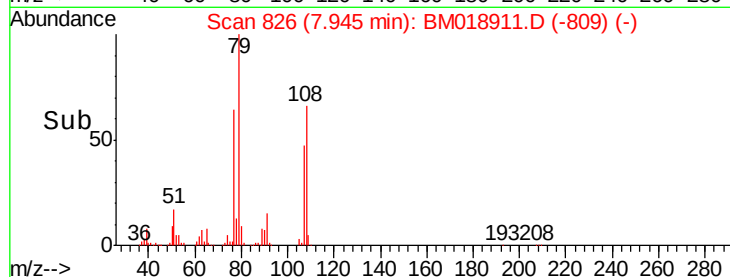
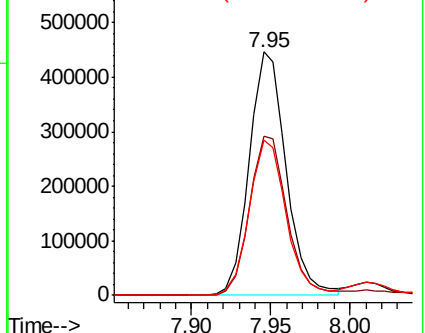
77 63.8 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-821) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.681 ng

RT: 8.23 min Scan# 874

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

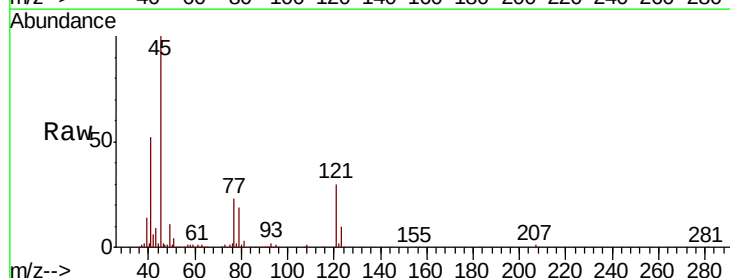
Tgt Ion: 45 Resp: 669975

Ion Ratio Lower Upper

45 100

77 23.3 5.0 45.0

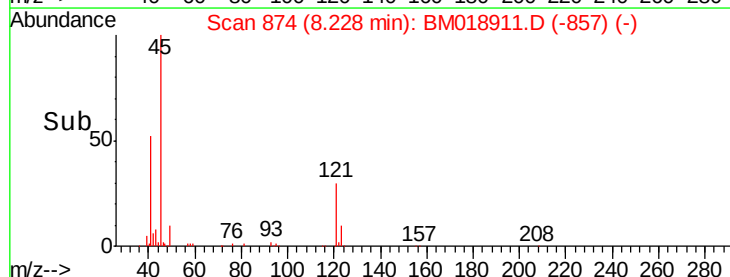
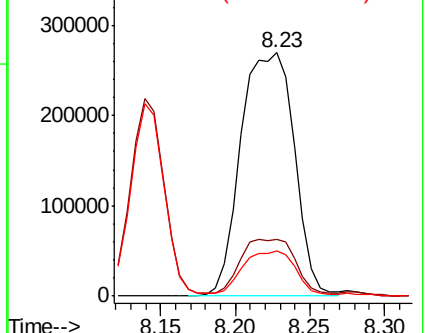
79 18.6 0.0 39.3

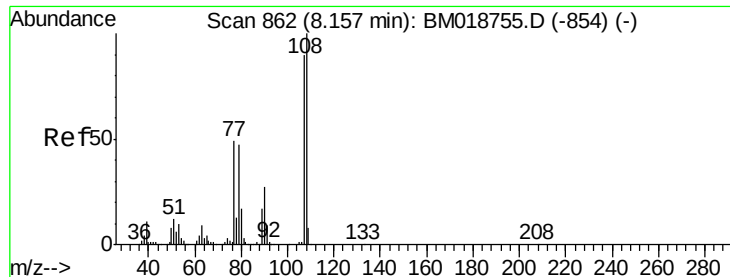


Abundance Ion 45.00 (44.70 to 45.70): BM018755.D (-867) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-867) (-)

Ion 79.00 (78.70 to 79.70): BM018755.D (-867) (-)

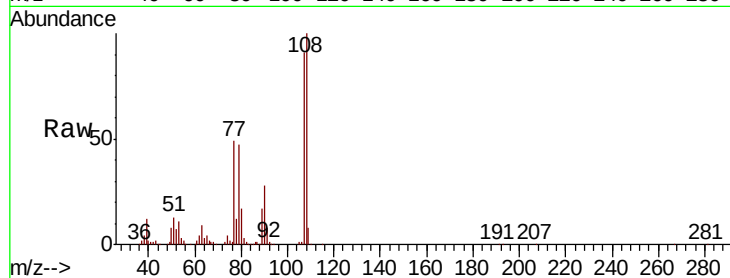




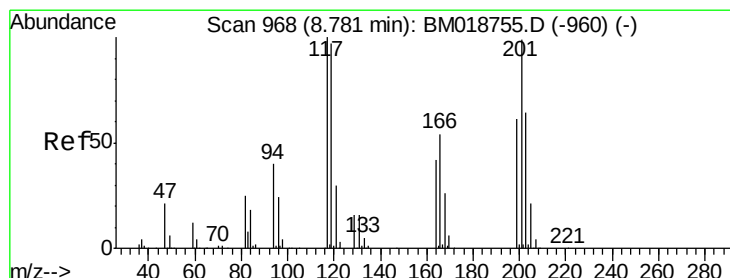
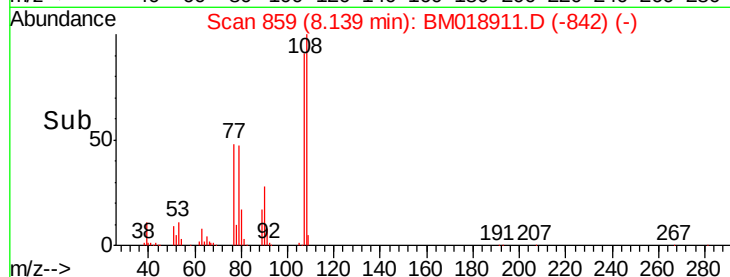
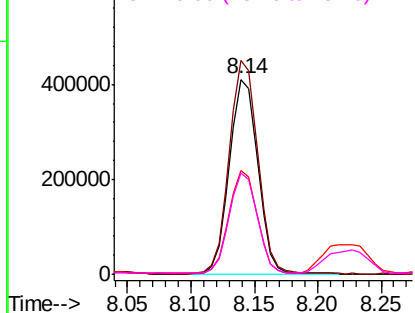
#17
2-Methylphenol
Concen: 44.703 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion:	107	Resp:	634668
Ion	Ratio	Lower	Upper
107	100		
108	109.7	88.8	133.2
77	53.5	44.0	66.0
79	51.8	42.4	63.6

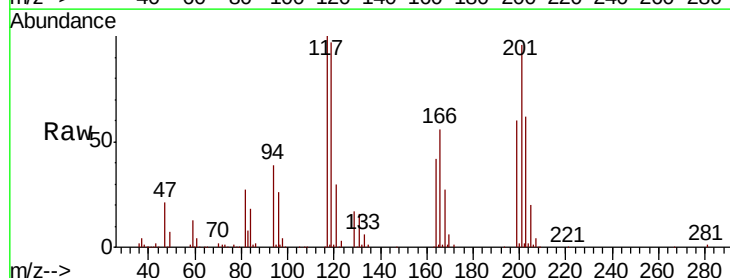


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

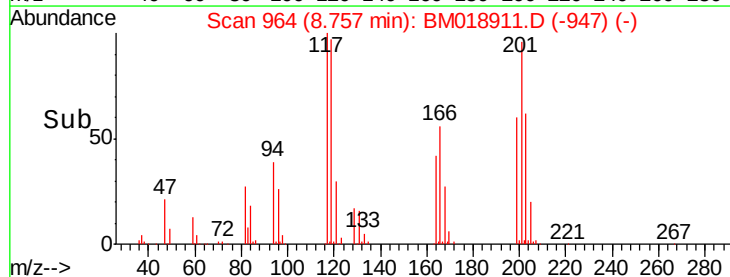
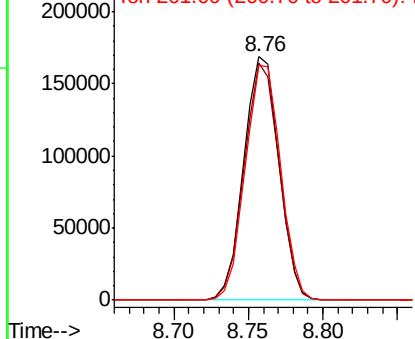


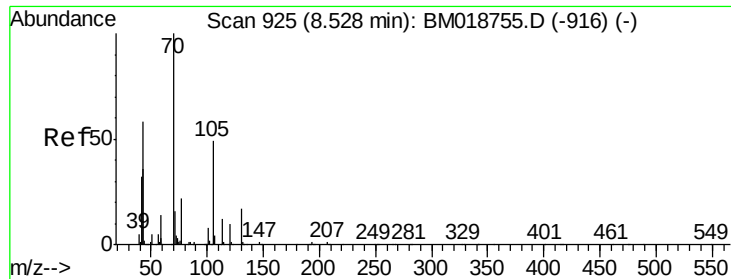
#18
Hexachloroethane
Concen: 39.900 ng
RT: 8.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion:	117	Resp:	275485
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.9	116.9
201	96.5	79.2	118.8



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

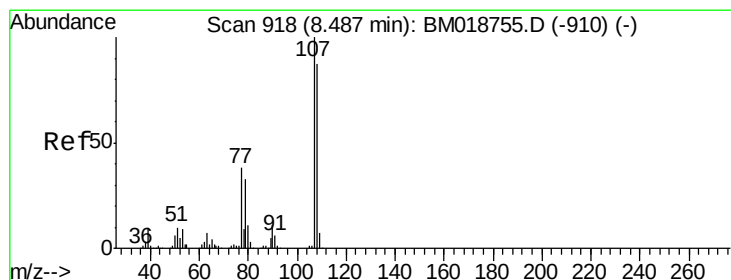
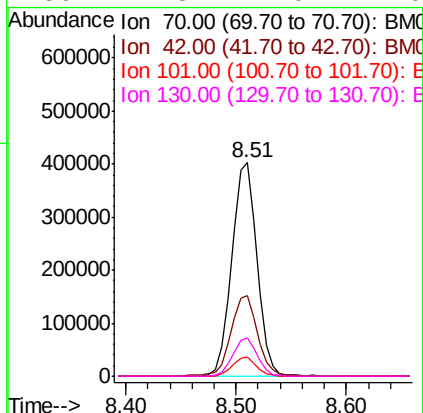
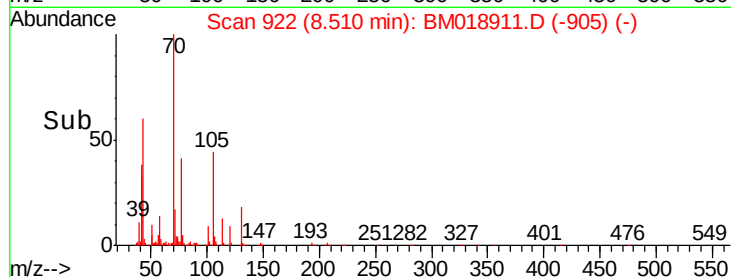
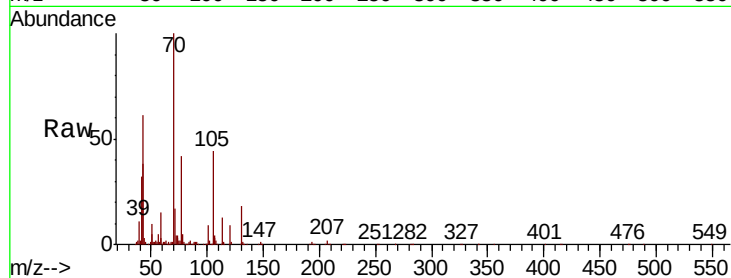




#19
n-Nitroso-di-n-propylamine
Concen: 39.512 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

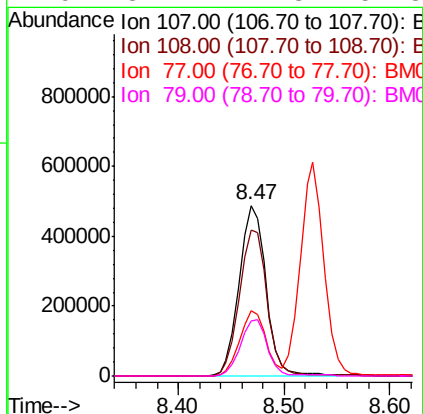
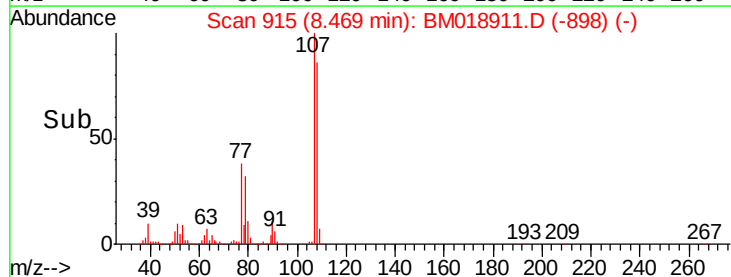
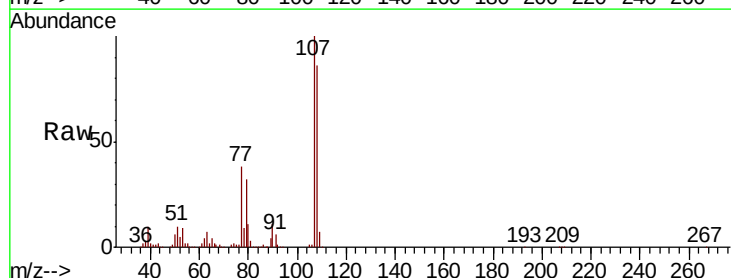
Instrument :
BNA_M
ClientSampleId :
PB117339BS

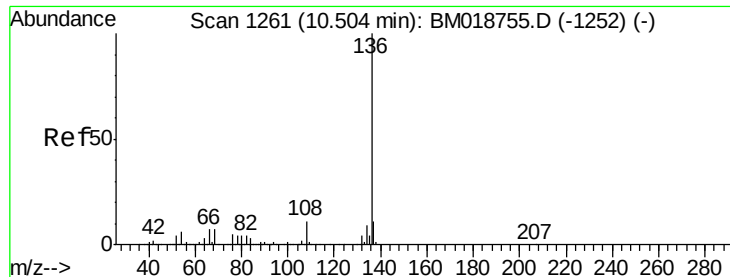
Tot Ion:	70	Resp:	648579
Ion	Ratio	Lower	Upper
70	100		
42	37.7	29.4	44.0
101	8.8	6.7	10.1
130	17.8	14.0	21.0



#20
3+4-Methylphenols
Concen: 43.863 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion:	107	Resp:	859926
Ion	Ratio	Lower	Upper
107	100		
108	85.7	67.3	107.3
77	37.9	18.0	58.0
79	32.2	12.8	52.8

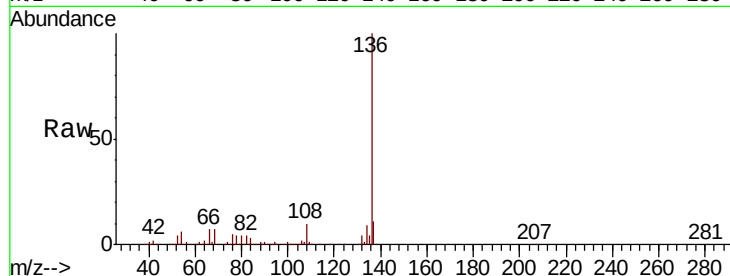




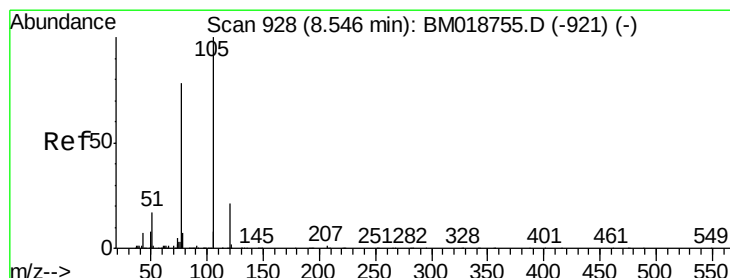
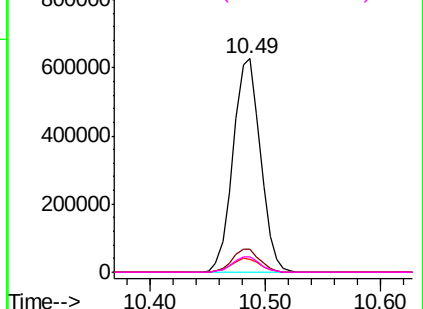
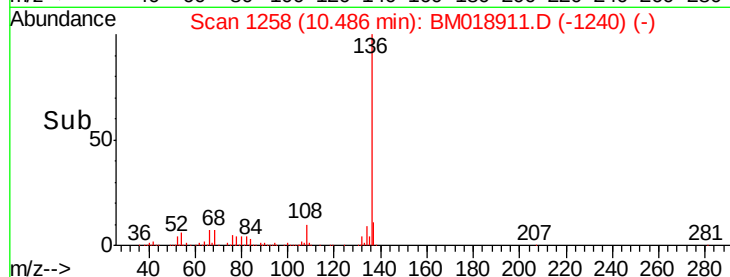
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion:136 Resp: 1033178
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.2 5.0 7.6
68 7.2 5.5 8.3

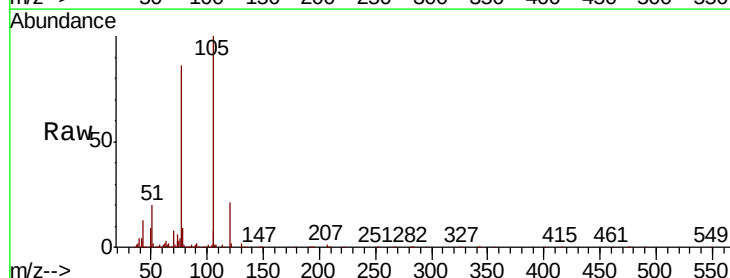


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

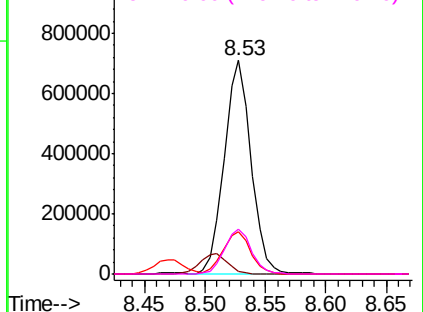
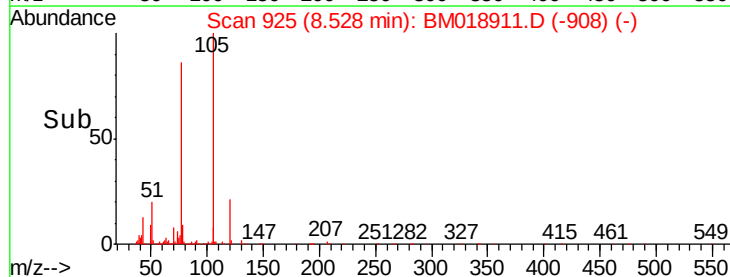


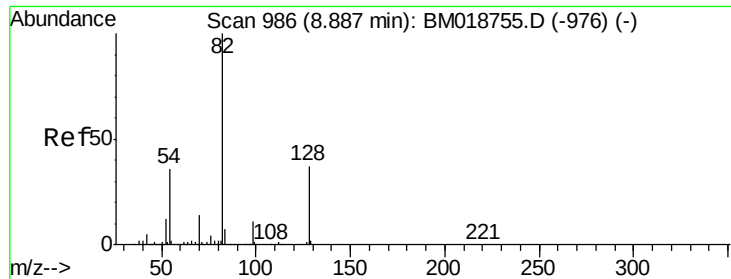
#22
Acetophenone
Concen: 38.235 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion:105 Resp: 1084832
Ion Ratio Lower Upper
105 100
71 1.4 1.1 1.7
51 20.0 15.5 23.3
120 21.0 17.0 25.4



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



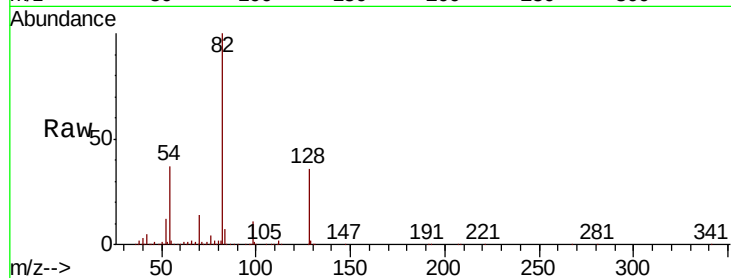


#23
 Nitrobenzene-d5
 Concen: 79.520 ng
 RT: 8.86 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Instrument :
 BNA_M
 ClientSampleId :
 PB117339BS

Tot Ion: 82 Resp: 1776830

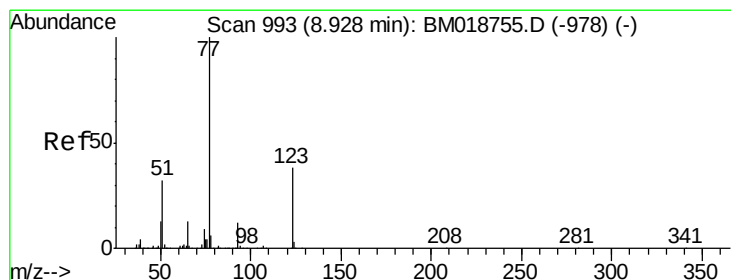
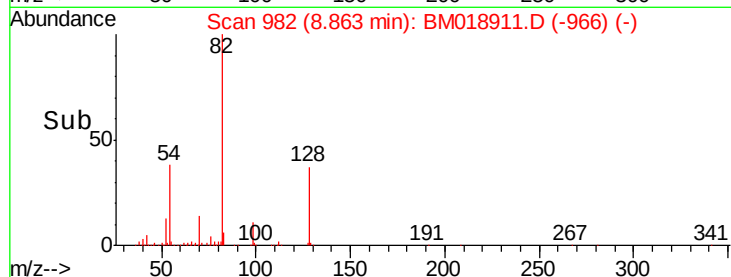
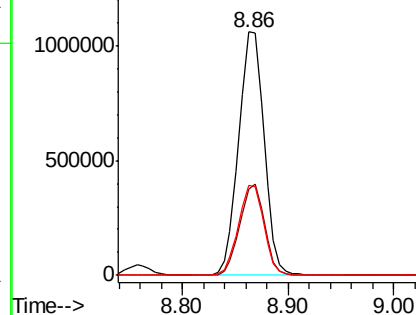
Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.9	44.9
54	37.1	29.1	43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018911.D (-966) (-)

Ion 128.00 (127.70 to 128.70): BM018911.D (-966) (-)

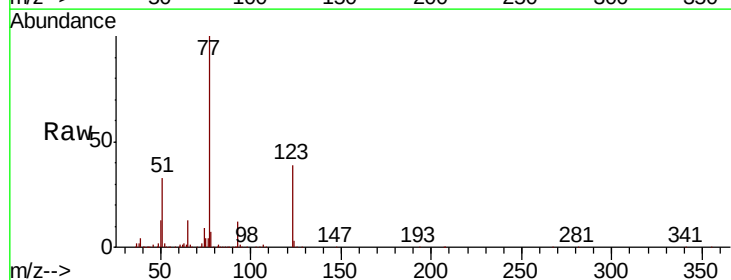
Ion 54.00 (53.70 to 54.70): BM018911.D (-966) (-)



#24
 Nitrobenzene
 Concen: 40.383 ng
 RT: 8.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Tgt Ion: 77 Resp: 936634

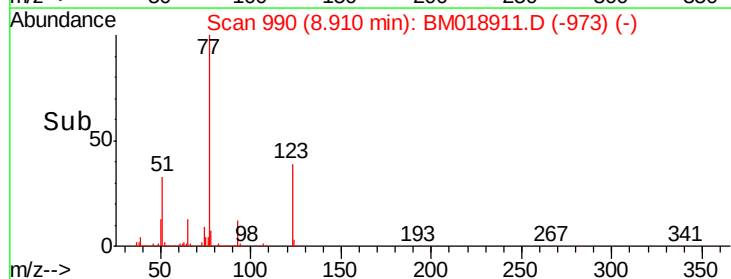
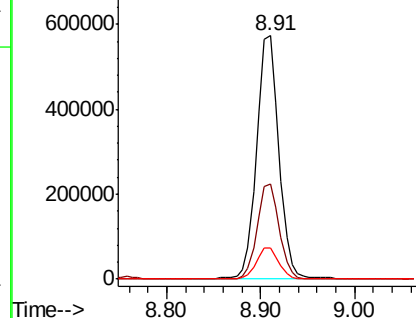
Ion	Ratio	Lower	Upper
77	100		
123	39.2	30.7	46.1
65	13.0	10.5	15.7

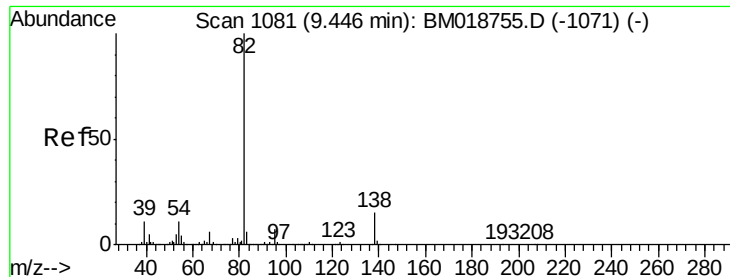


Abundance Ion 77.00 (76.70 to 77.70): BM018911.D (-973) (-)

Ion 123.00 (122.70 to 123.70): BM018911.D (-973) (-)

Ion 65.00 (64.70 to 65.70): BM018911.D (-973) (-)





#25

Isophorone

Concen: 45.400 ng

RT: 9.43 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

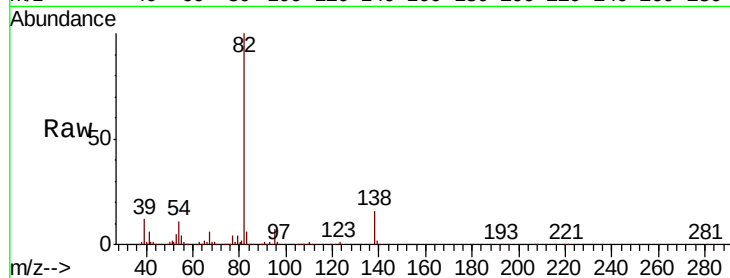
Tot Ion: 82 Resp: 1618654

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

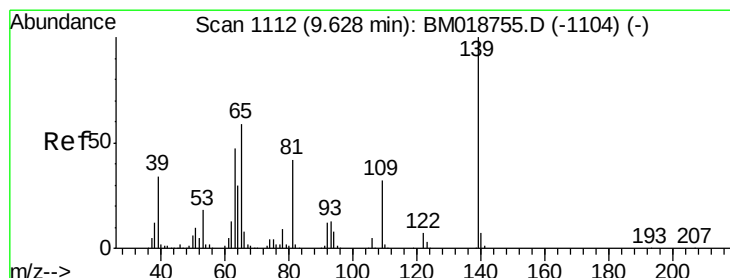
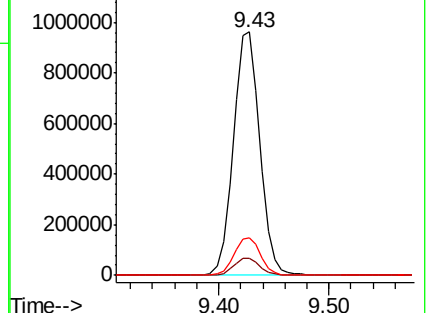
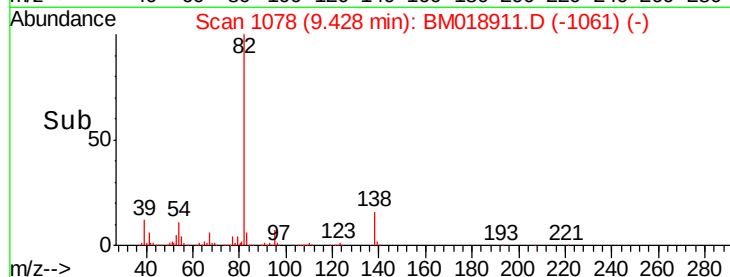
138 15.5 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018911.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018911.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018911.D (-1071) (-)



#26

2-Nitrophenol

Concen: 41.626 ng

RT: 9.61 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

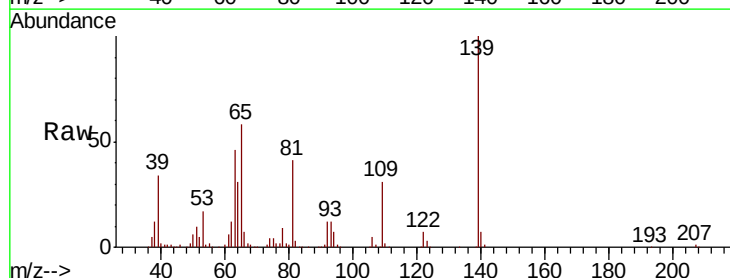
Tgt Ion: 139 Resp: 384478

Ion Ratio Lower Upper

139 100

109 31.0 25.2 37.8

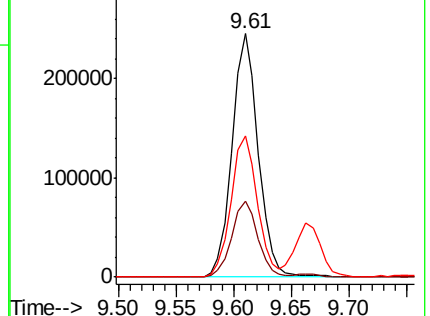
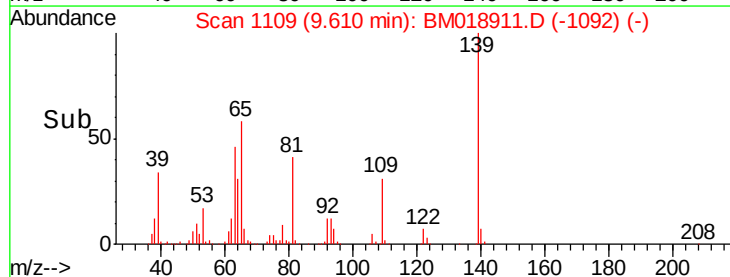
65 58.2 47.0 70.4

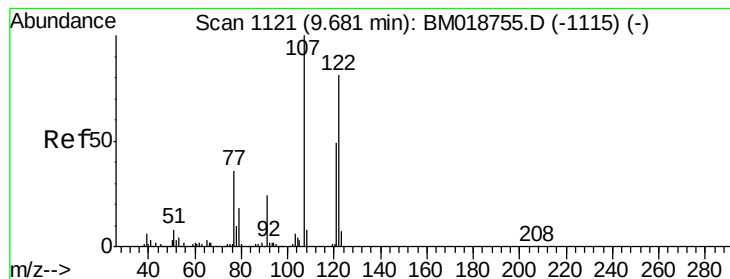


Abundance Ion 139.00 (138.70 to 139.70): BM018911.D (-1092) (-)

Ion 109.00 (108.70 to 109.70): BM018911.D (-1092) (-)

Ion 65.00 (64.70 to 65.70): BM018911.D (-1092) (-)





#27

2,4-Dimethylphenol

Concen: 49.221 ng

RT: 9.67 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

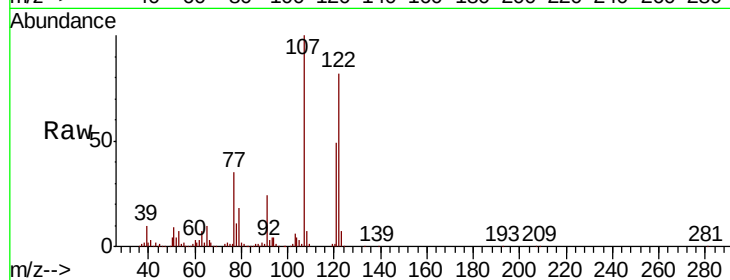
Tot Ion:122 Resp: 664015

Ion Ratio Lower Upper

122 100

107 122.4 97.6 146.4

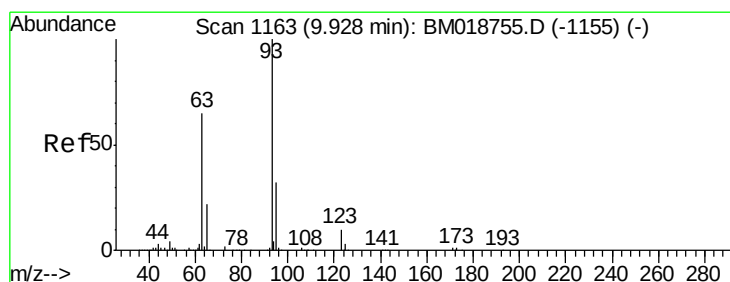
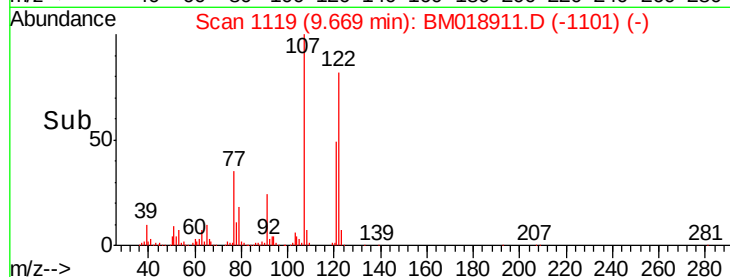
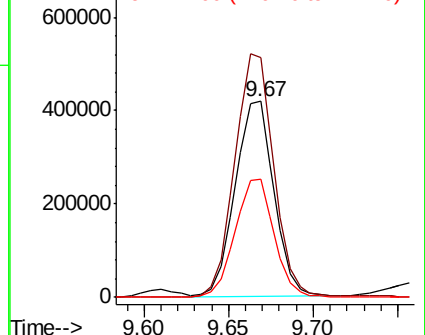
121 60.1 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.060 ng

RT: 9.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

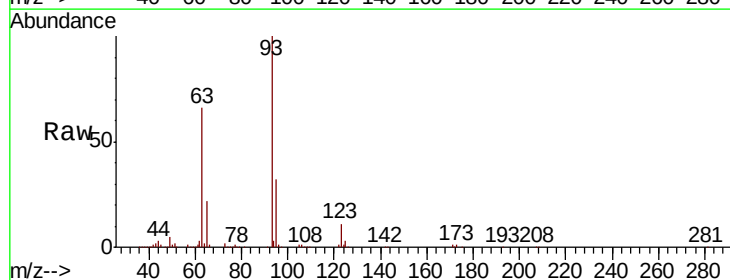
Tgt Ion: 93 Resp: 969711

Ion Ratio Lower Upper

93 100

95 32.2 25.6 38.4

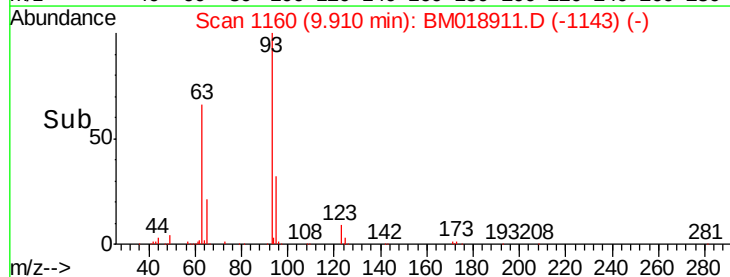
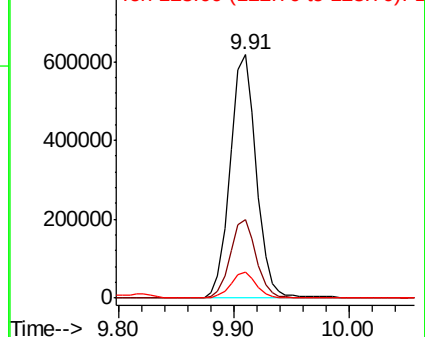
123 10.6 8.2 12.4

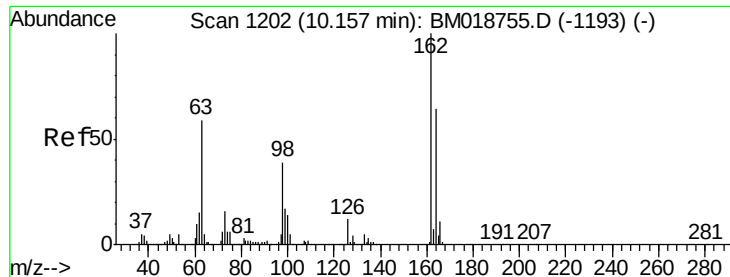


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

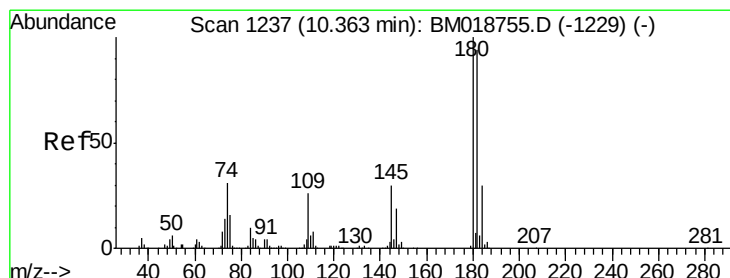
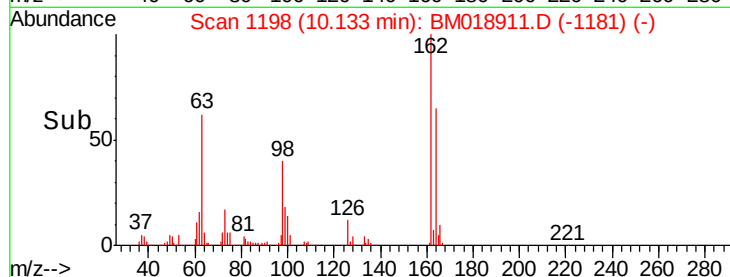
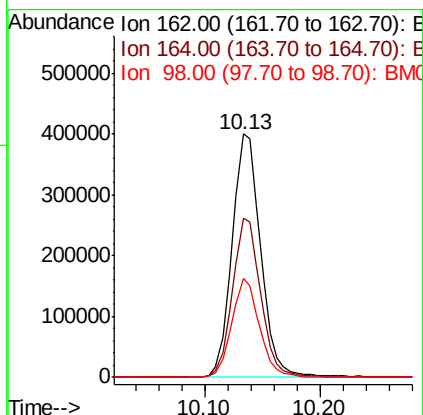
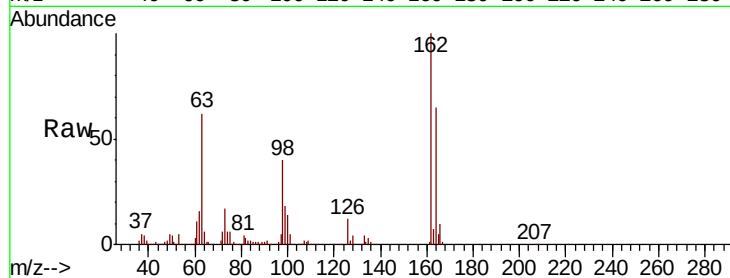




#29
2,4-Dichlorophenol
Concen: 44.352 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

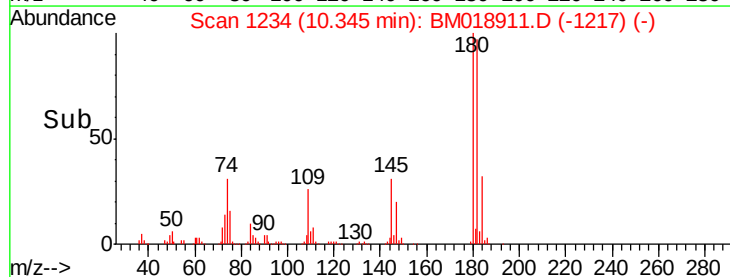
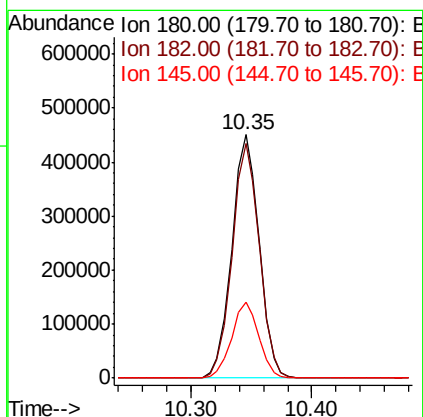
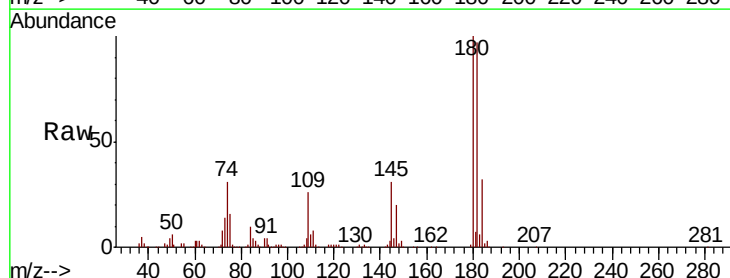
Instrument :
BNA_M
ClientSampleId :
PB117339BS

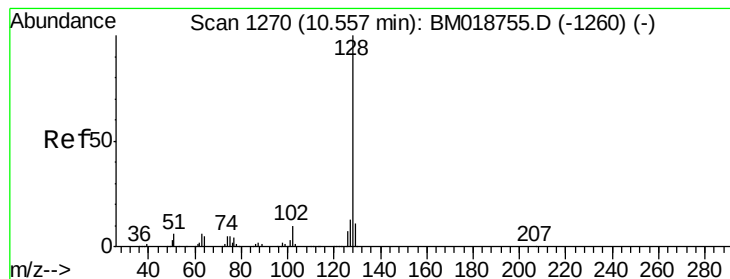
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.1	84.1
98	40.5	19.4	59.4



#30
1,2,4-Trichlorobenzene
Concen: 39.678 ng
RT: 10.35 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.0	112.6
145	31.3	24.1	36.1

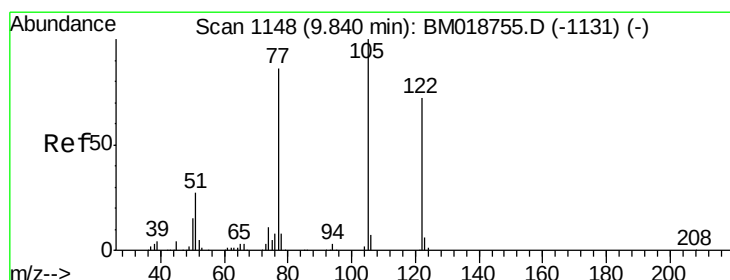
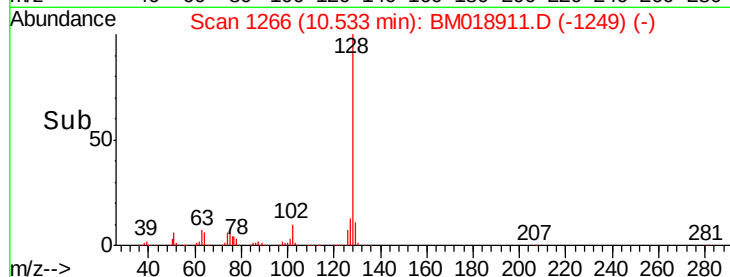
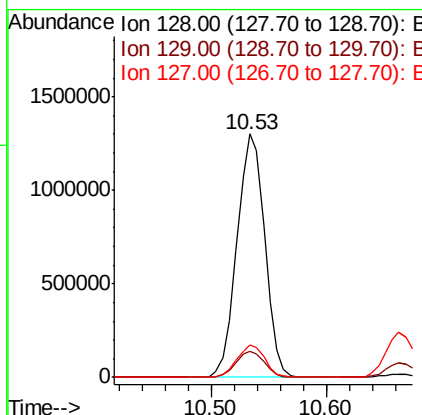
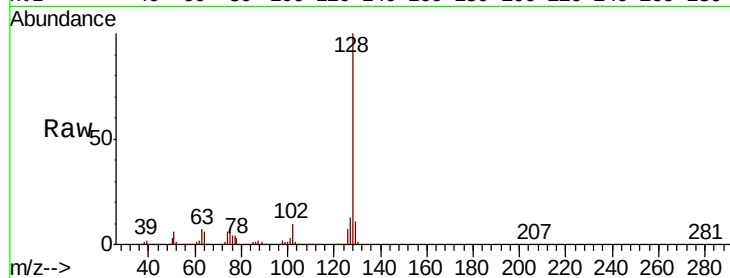




#31
Naphthalene
Concen: 42.970 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

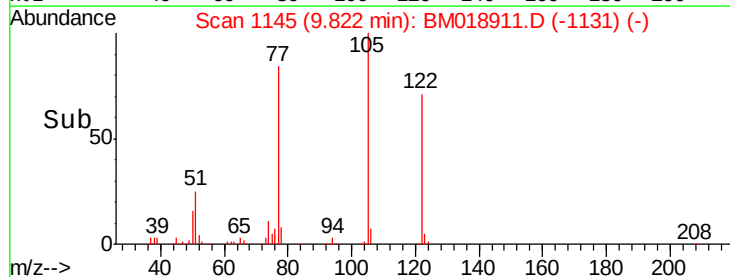
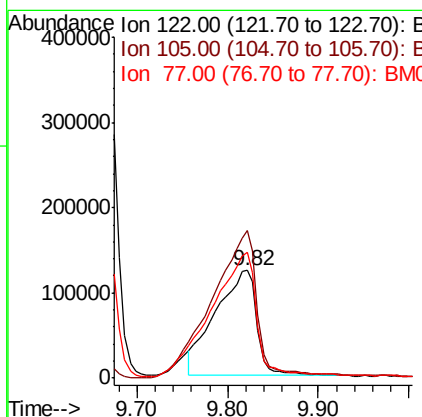
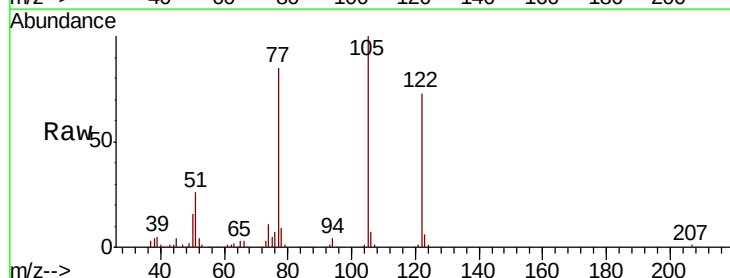
Instrument :
BNA_M
ClientSampleId :
PB117339BS

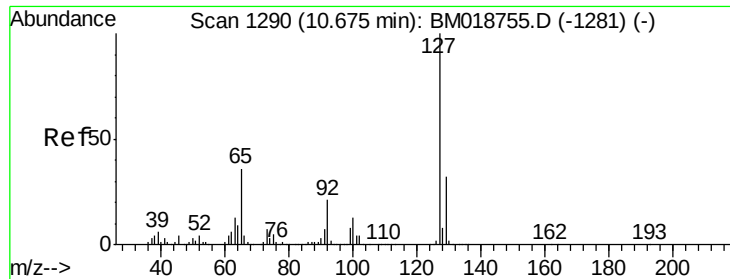
Tot Ion:128 Resp: 2165207
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 33.335 ng
RT: 9.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion:122 Resp: 392278
Ion Ratio Lower Upper
122 100
105 137.3 117.5 157.5
77 117.1 98.5 138.5

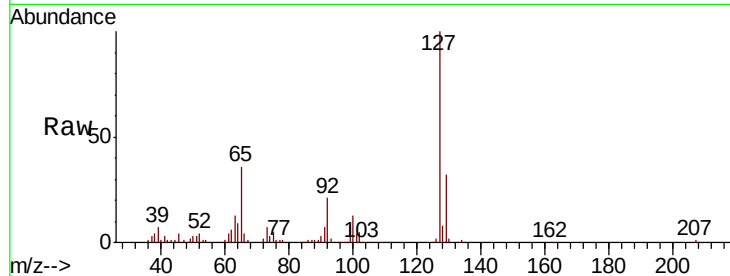




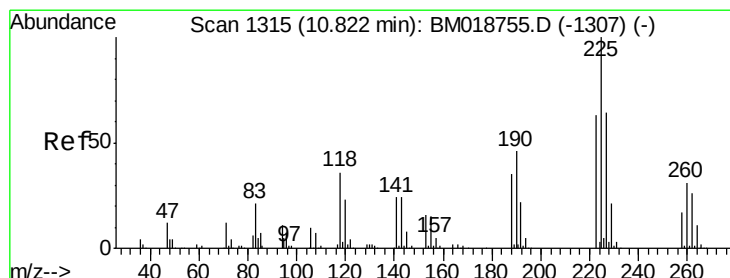
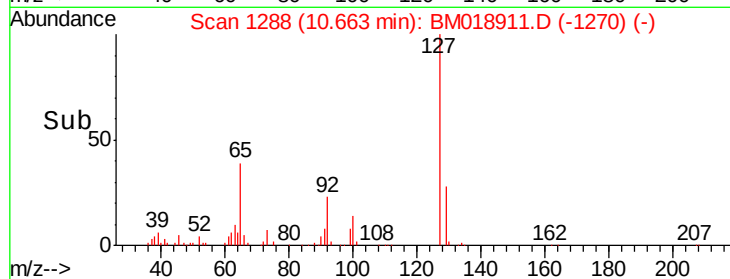
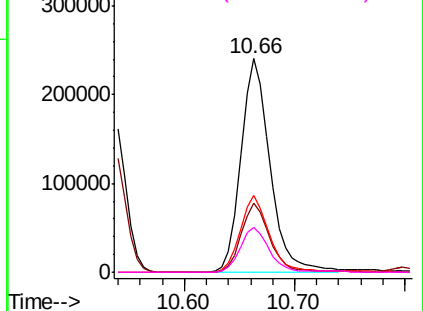
#33
4-Chloroaniline
Concen: 19.829 ng
RT: 10.66 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion:	127	Resp:	446641
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	36.0	28.7	43.1
92	20.9	17.0	25.4

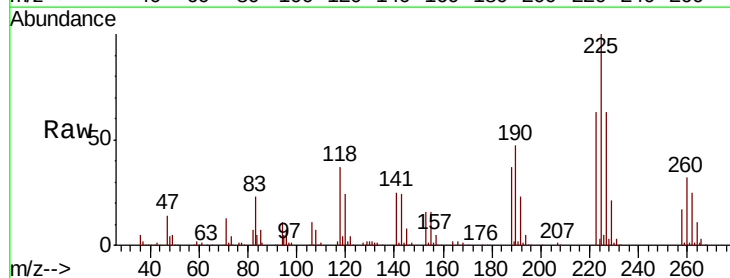


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

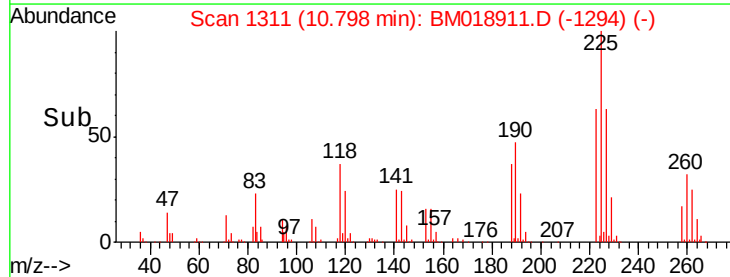
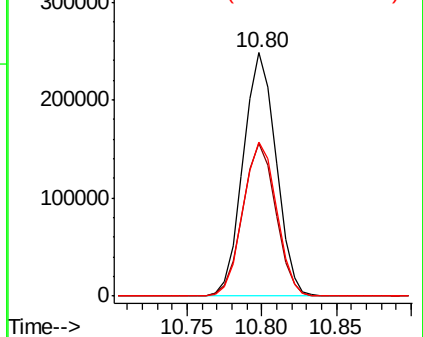


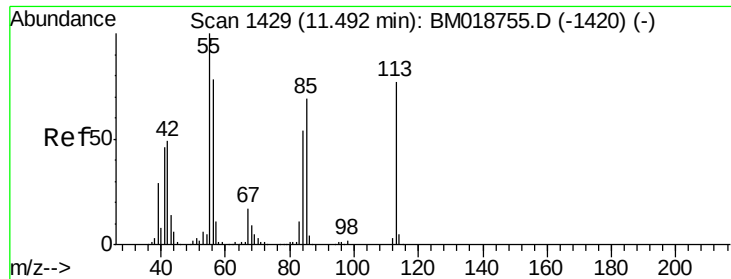
#34
Hexachlorobutadiene
Concen: 36.488 ng
RT: 10.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion:	225	Resp:	378881
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.1	75.1
227	63.5	51.4	77.0



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: 33.676 ng

RT: 11.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

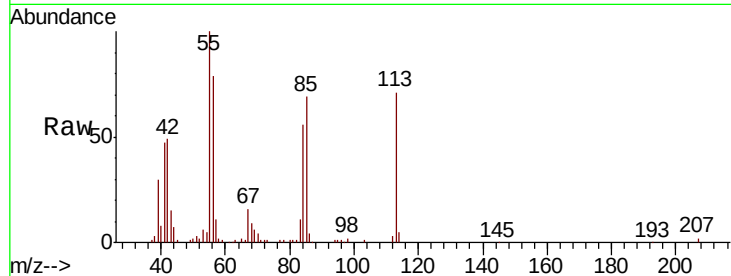
Tot Ion:113 Resp: 212896

Ion Ratio Lower Upper

113 100

55 141.2 110.7 150.7

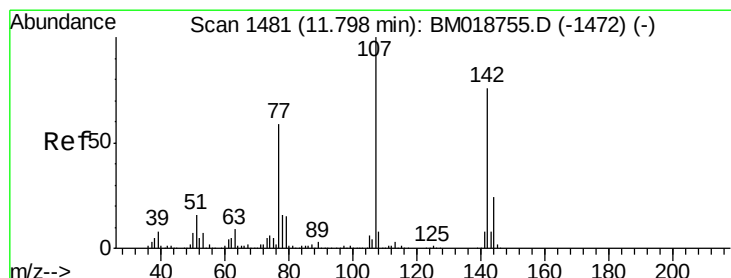
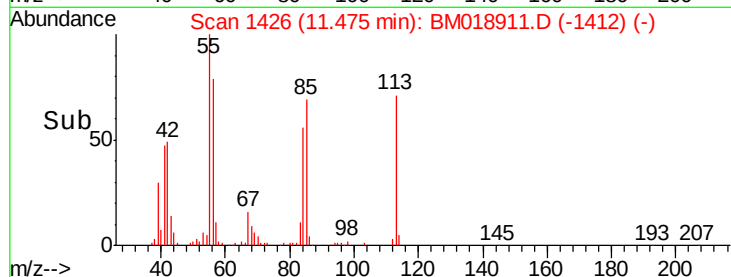
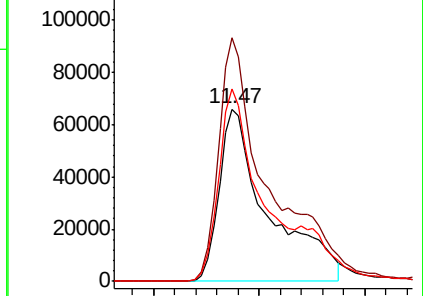
56 111.8 82.4 122.4



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: 42.303 ng

RT: 11.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

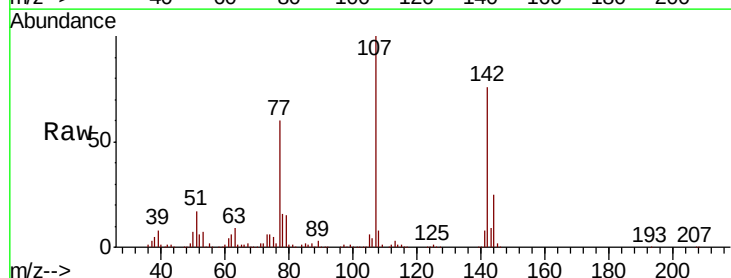
Tgt Ion:107 Resp: 790067

Ion Ratio Lower Upper

107 100

144 24.9 19.3 28.9

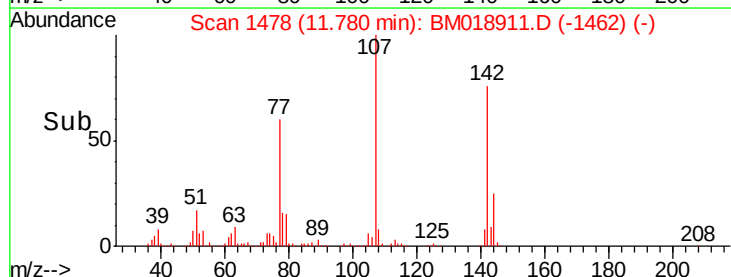
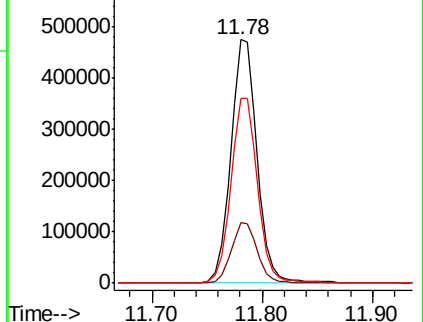
142 75.9 60.5 90.7

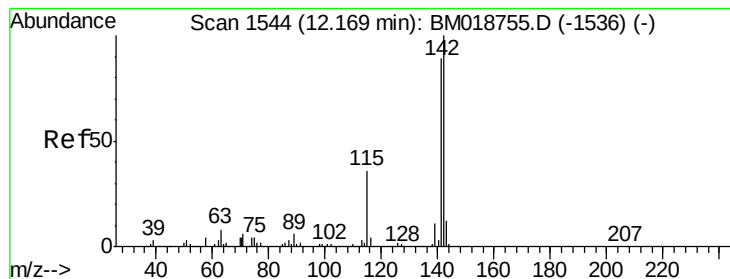


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

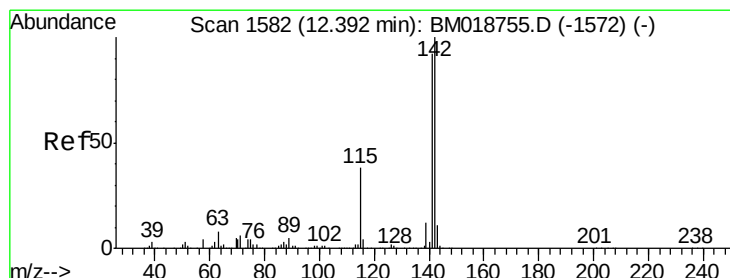
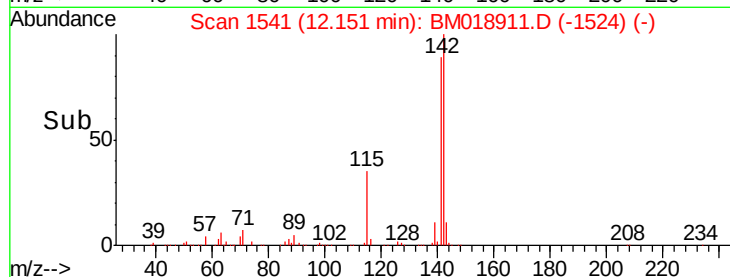
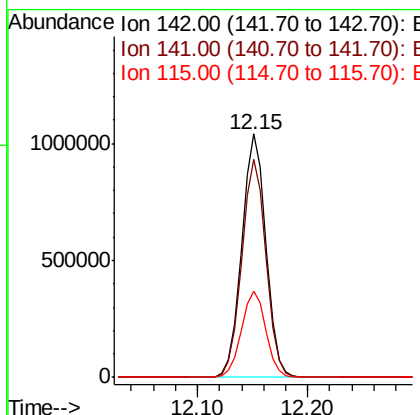
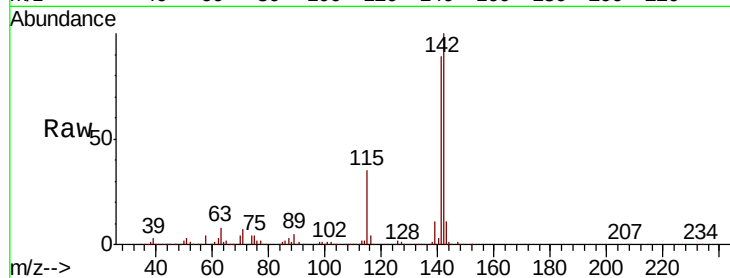




#37
 2-Methylnaphthalene
 Concen: 45.190 ng
 RT: 12.15 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

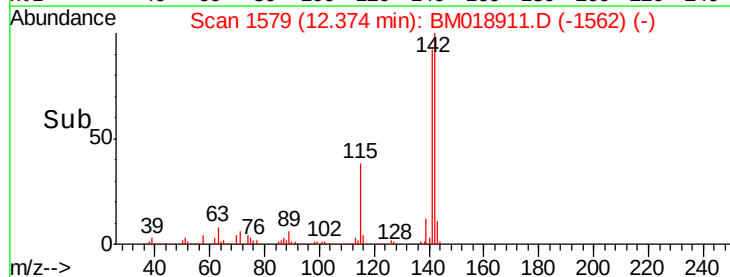
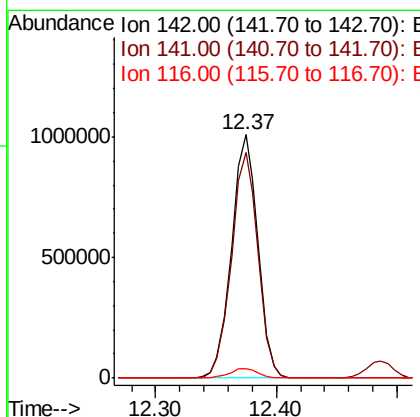
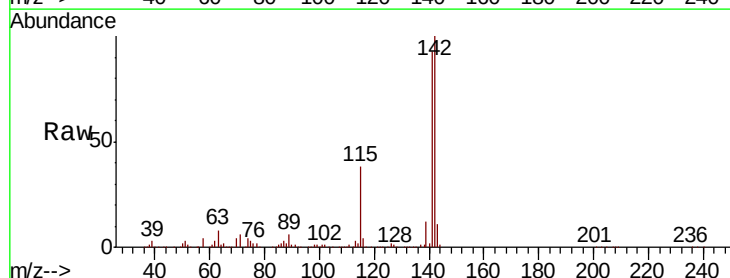
Instrument :
 BNA_M
 ClientSampleId :
 PB117339BS

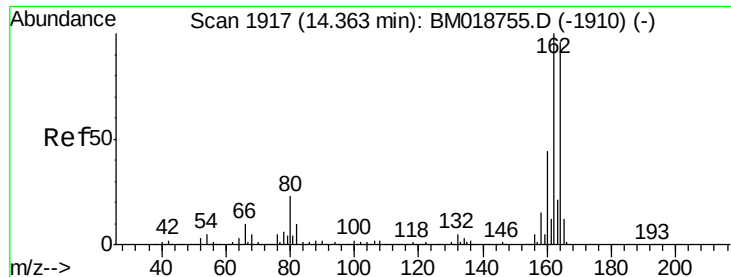
Tot Ion:142 Resp: 1603206
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.2 106.8
 115 35.3 29.1 43.7



#38
 1-Methylnaphthalene
 Concen: 44.060 ng
 RT: 12.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Tgt Ion:142 Resp: 1528520
 Ion Ratio Lower Upper
 142 100
 141 92.6 73.9 110.9
 116 4.0 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.34 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

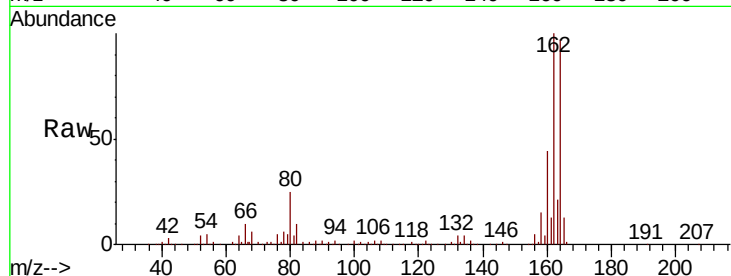
Tot Ion:164 Resp: 594328

Ion Ratio Lower Upper

164 100

162 103.2 83.4 125.0

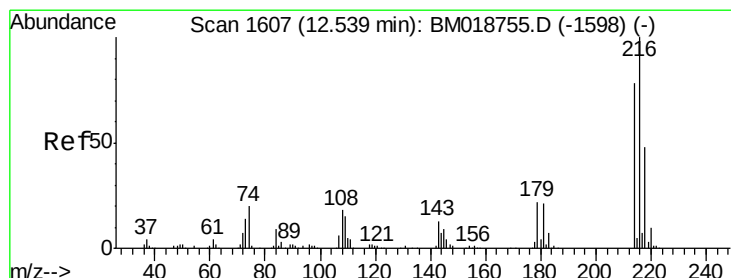
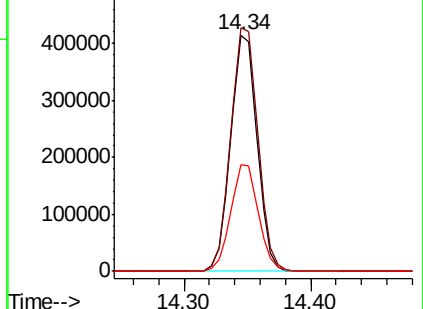
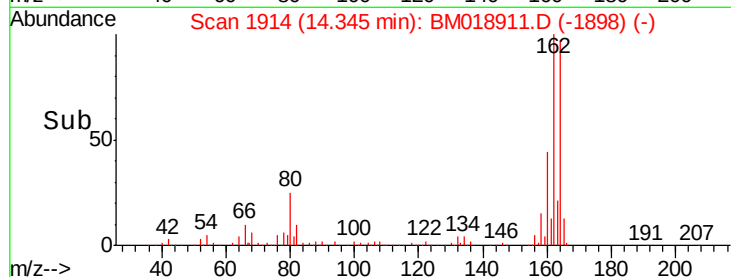
160 45.4 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.683 ng

RT: 12.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Tgt Ion:216 Resp: 754448

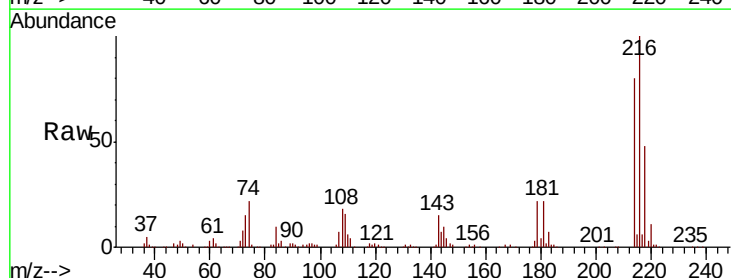
Ion Ratio Lower Upper

216 100

214 78.9 63.2 94.8

179 22.6 17.8 26.8

108 22.7 16.4 24.6

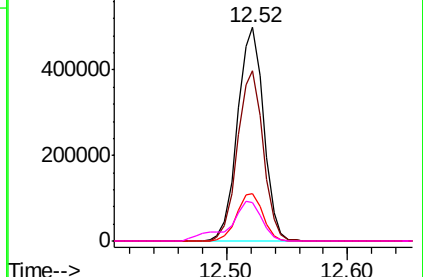
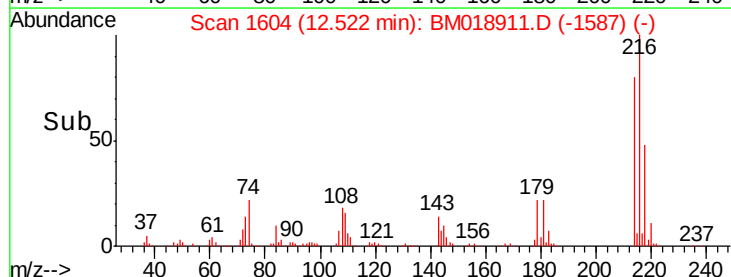


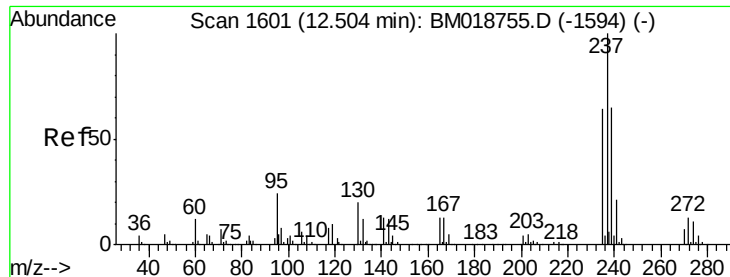
Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.523 ng

RT: 12.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

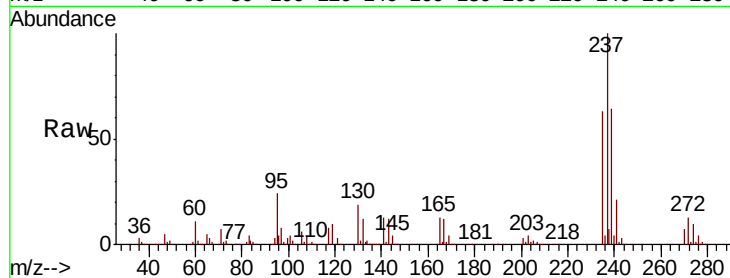
Tot Ion:237 Resp: 841031

Ion Ratio Lower Upper

237 100

235 63.1 43.7 83.7

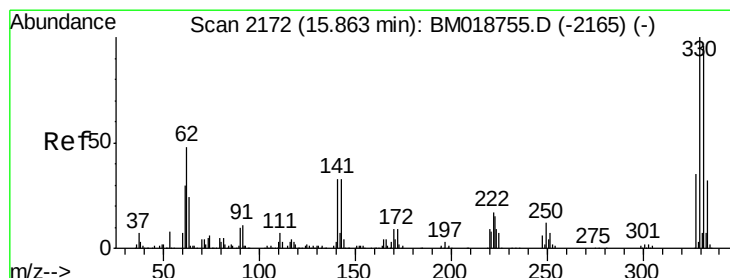
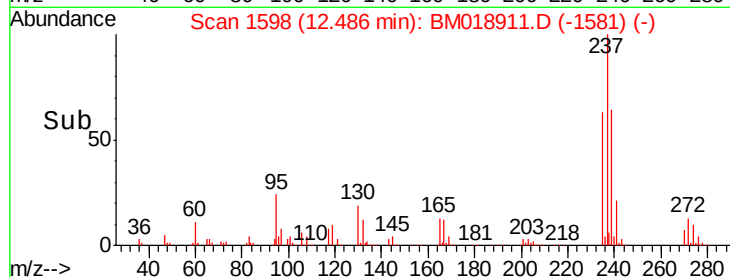
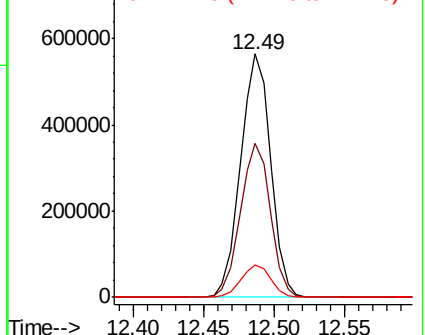
272 13.3 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 153.348 ng

RT: 15.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

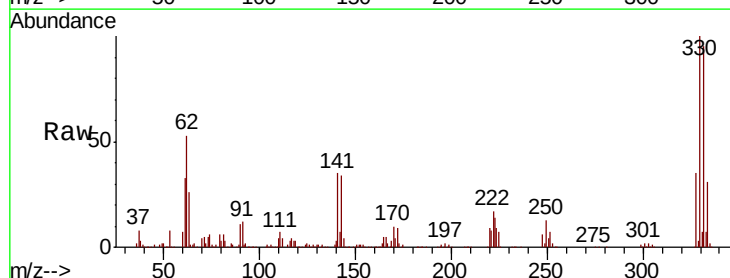
Tgt Ion:330 Resp: 1313743

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

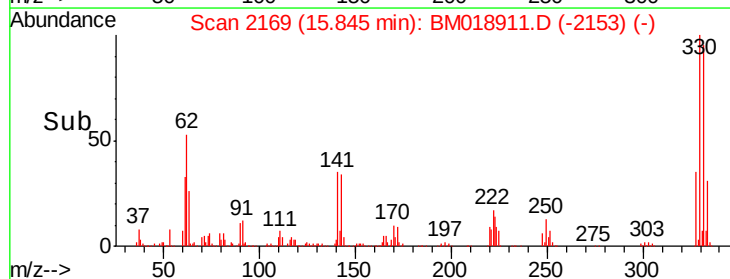
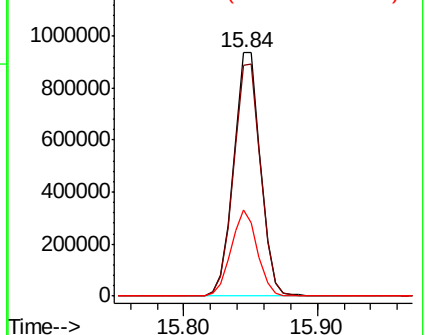
141 34.4 28.7 43.1

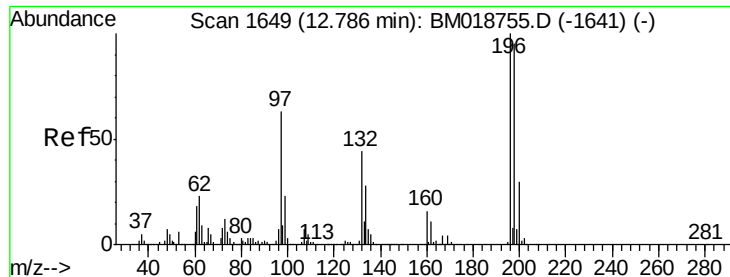


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

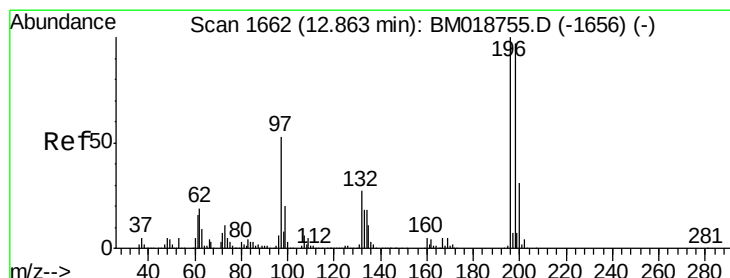
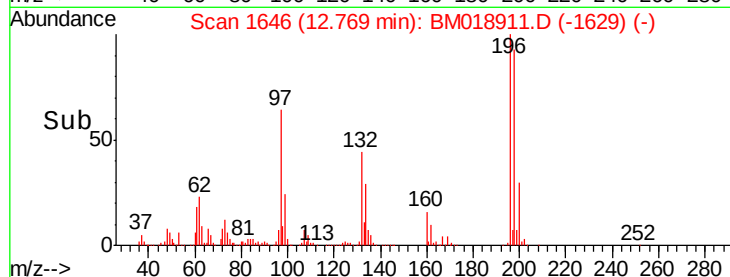
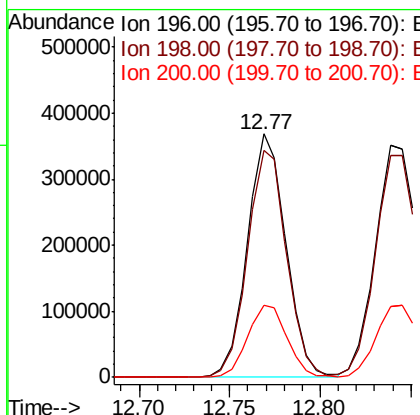
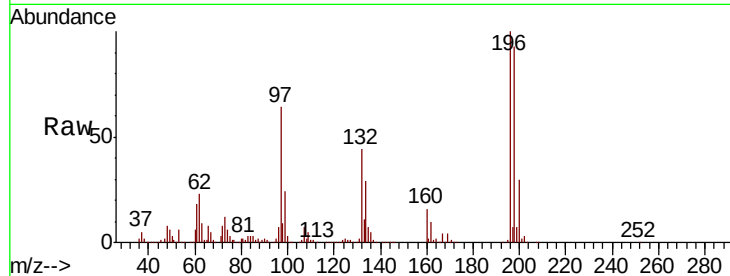




#43
 2,4,6-Trichlorophenol
 Concen: 43.249 ng
 RT: 12.77 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

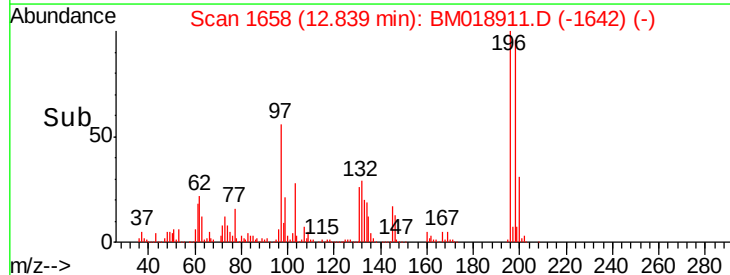
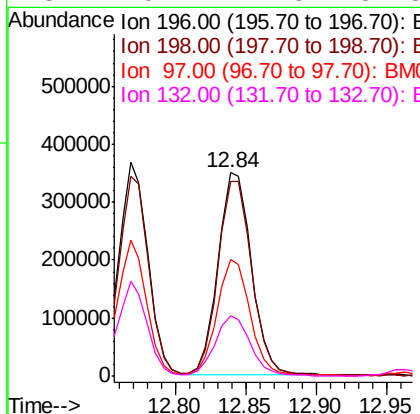
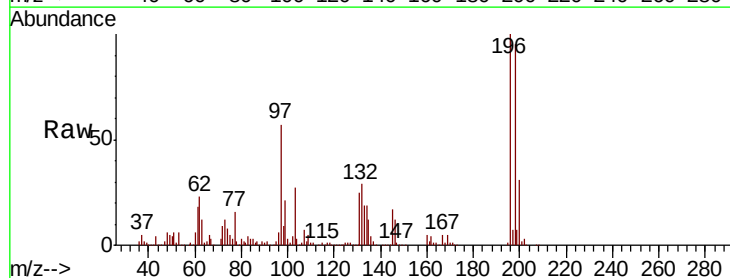
Instrument :
 BNA_M
 ClientSampleId :
 PB117339BS

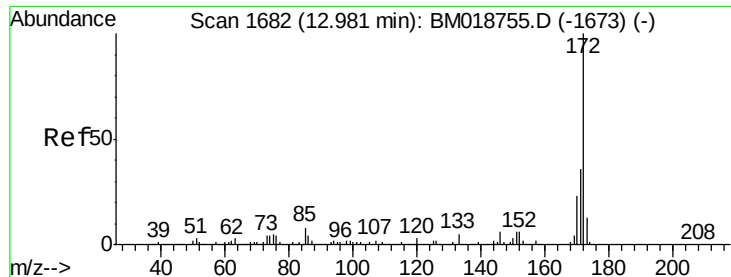
Tot Ion:196 Resp: 544324
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.2 114.2
 200 29.8 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 43.641 ng
 RT: 12.84 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Tgt Ion:196 Resp: 575695
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.6 116.4
 97 57.4 42.8 64.2
 132 29.4 21.8 32.8

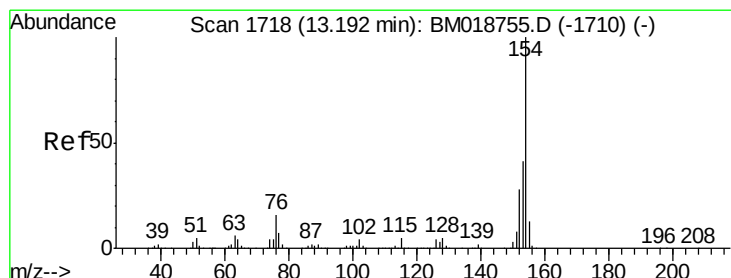
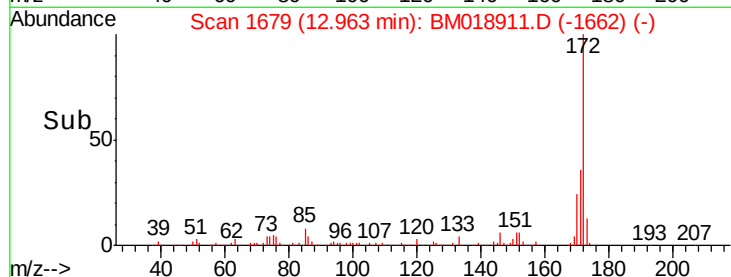
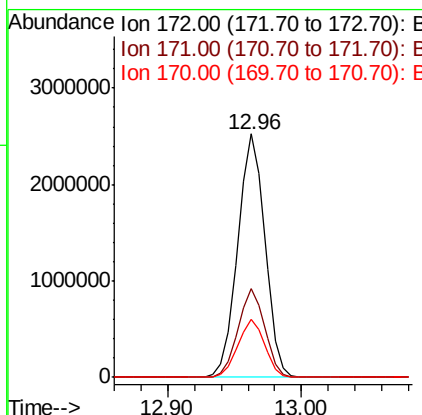
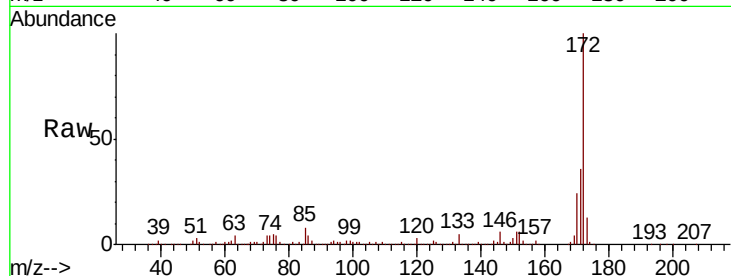




#45
2-Fluorobiphenyl
Concen: 79.510 ng
RT: 12.96 min Scan# 1679
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

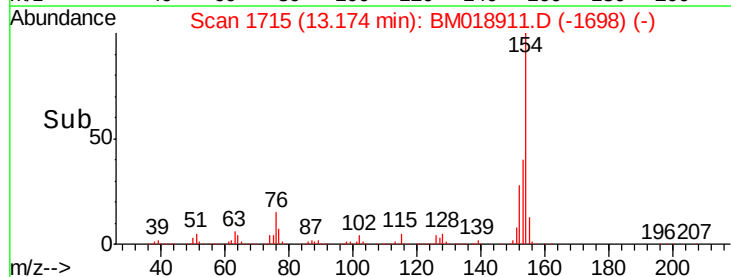
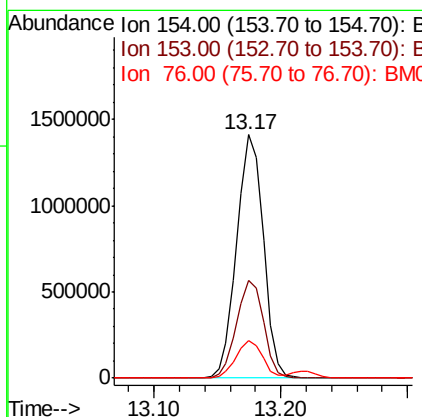
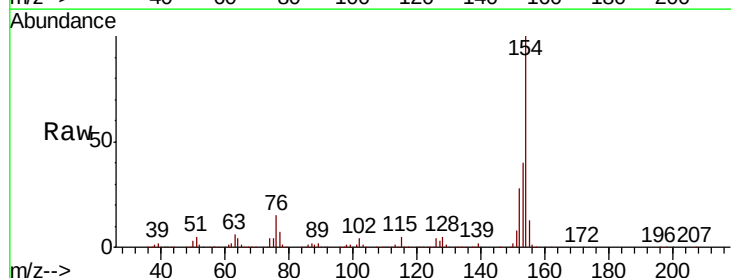
Instrument :
BNA_M
ClientSampleId :
PB117339BS

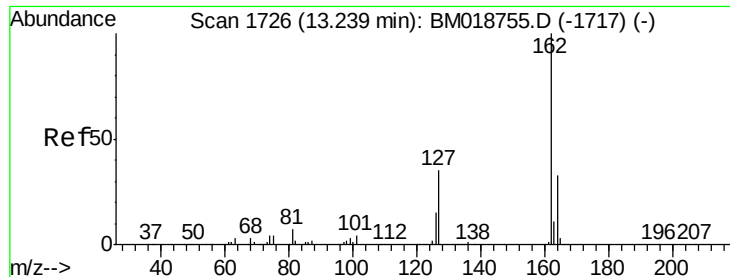
Tot Ion:172 Resp: 3559773
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 23.8 18.6 28.0



#46
1,1'-Biphenyl
Concen: 40.187 ng
RT: 13.17 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion:154 Resp: 2055900
Ion Ratio Lower Upper
154 100
153 40.3 21.1 61.1
76 15.5 0.0 35.7

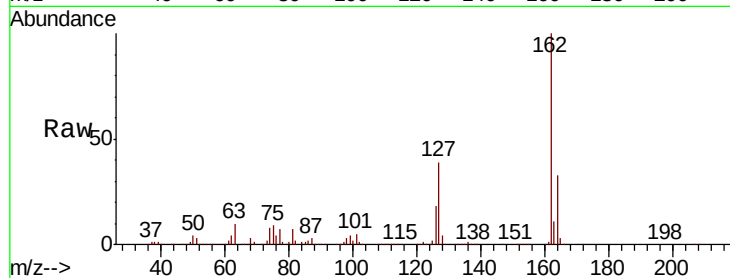




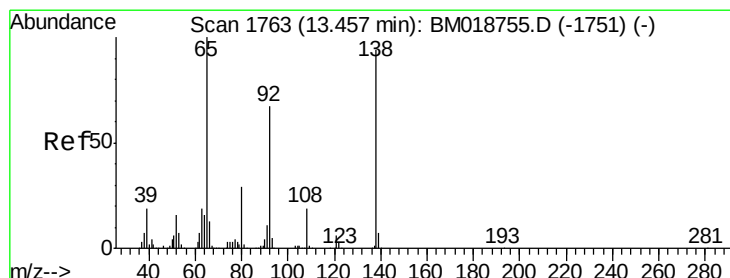
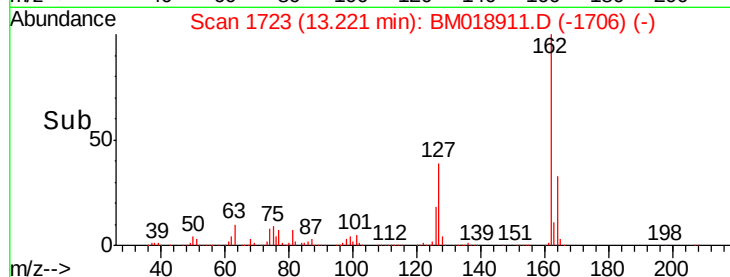
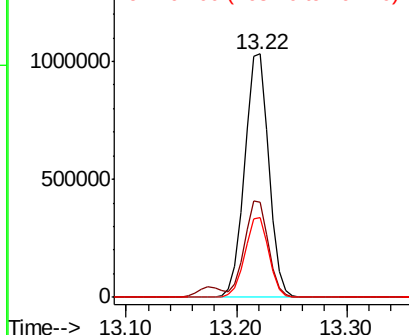
#47
 2-Chloronaphthalene
 Concen: 40.179 ng
 RT: 13.22 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Instrument :
 BNA_M
 ClientSampled :
 PB117339BS

Tot Ion:162 Resp: 1587621
 Ion Ratio Lower Upper
 162 100
 127 38.8 31.1 46.7
 164 33.0 26.4 39.6

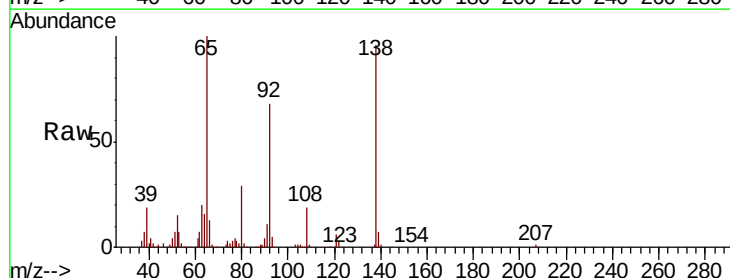


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

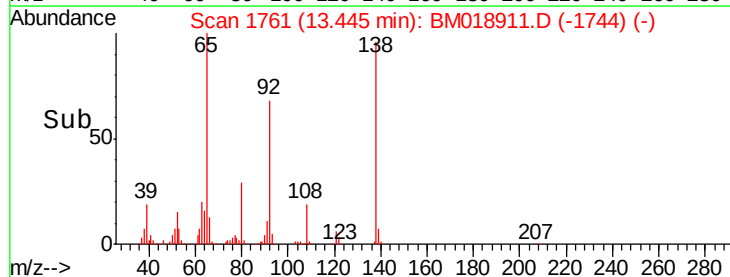
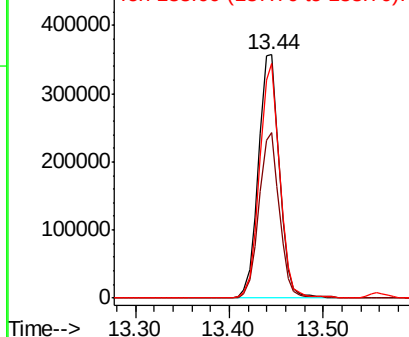


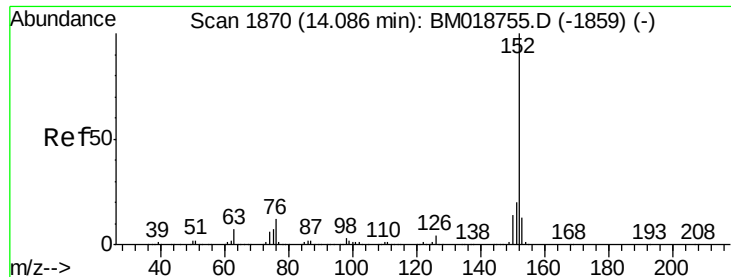
#48
 2-Nitroaniline
 Concen: 42.433 ng
 RT: 13.44 min Scan# 1761
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Tgt Ion: 65 Resp: 556861
 Ion Ratio Lower Upper
 65 100
 92 68.0 54.0 81.0
 138 96.2 74.9 112.3



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





#49

Acenaphthylene

Concen: 44.087 ng

RT: 14.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

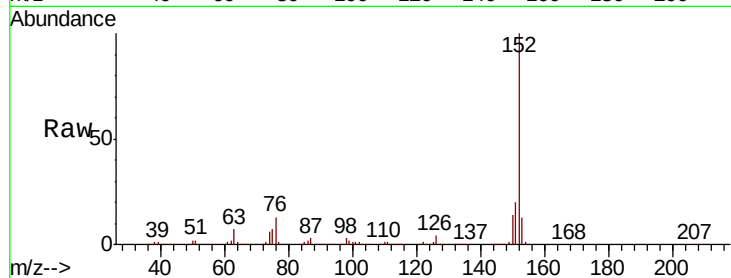
Tot Ion:152 Resp: 2593940

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

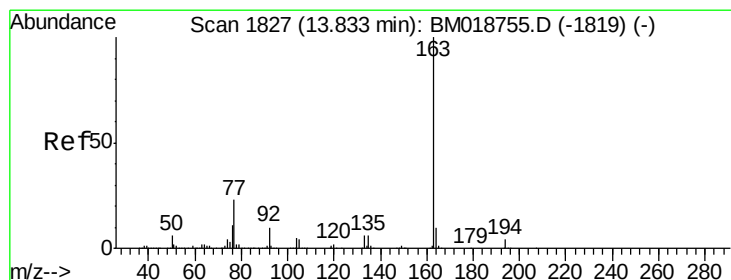
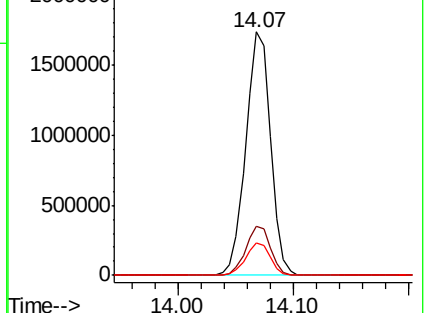
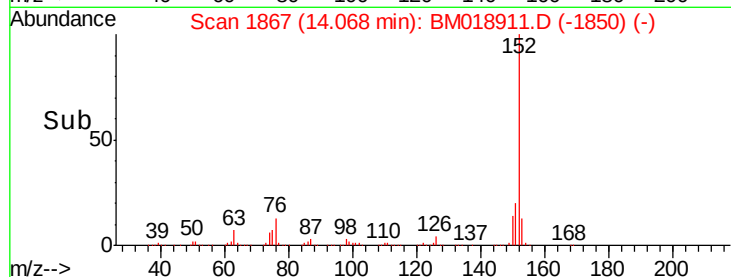
153 13.4 10.5 15.7



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: 41.013 ng

RT: 13.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

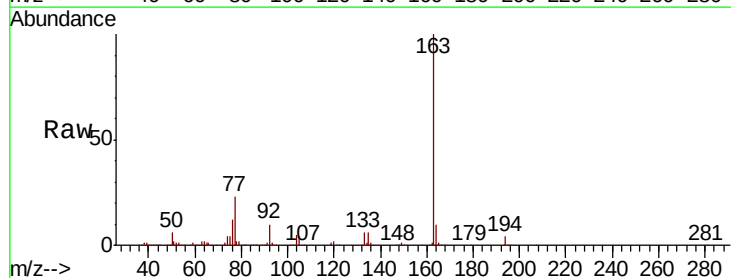
Tgt Ion:163 Resp: 2031444

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

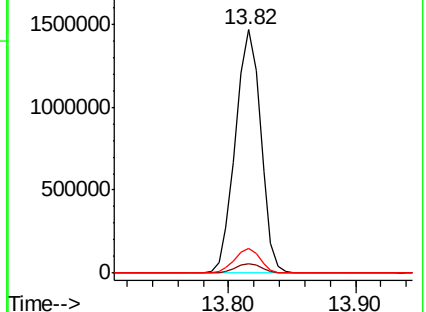
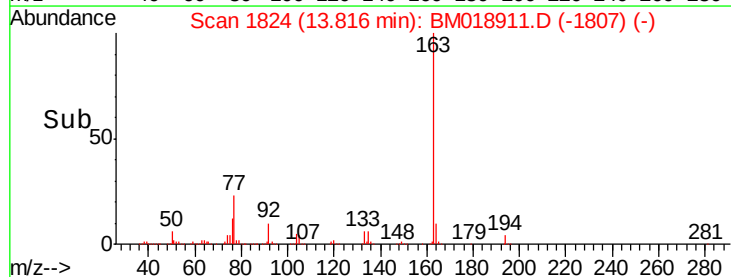
164 10.1 7.8 11.8

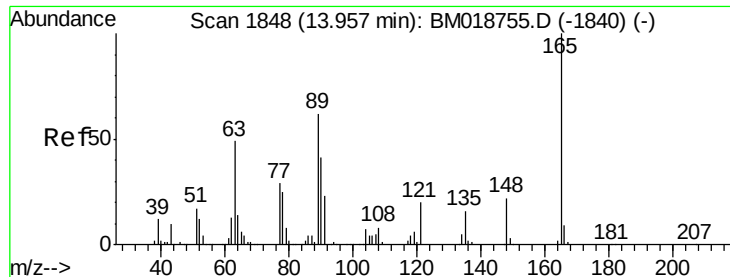


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

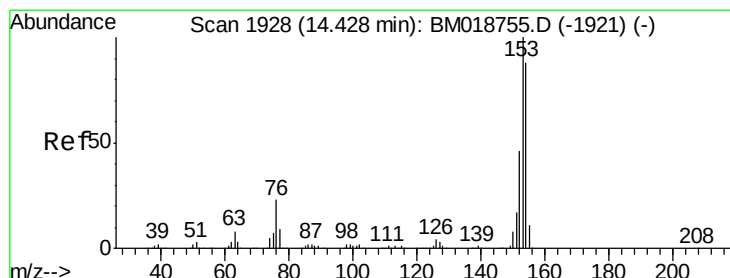
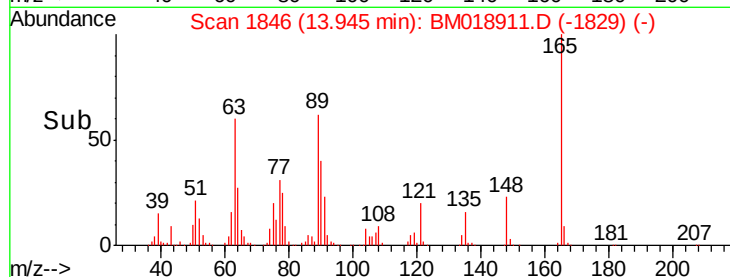
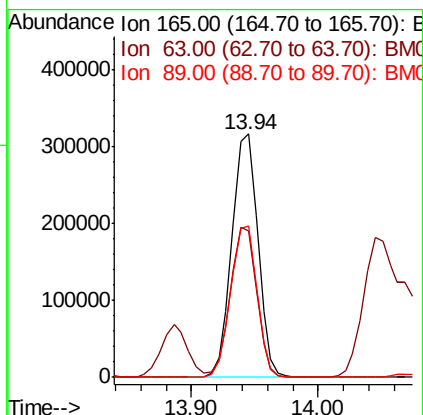
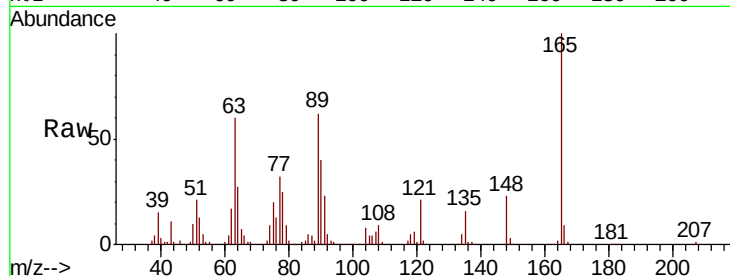




#51
2,6-Dinitrotoluene
Concen: 41.841 ng
RT: 13.94 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

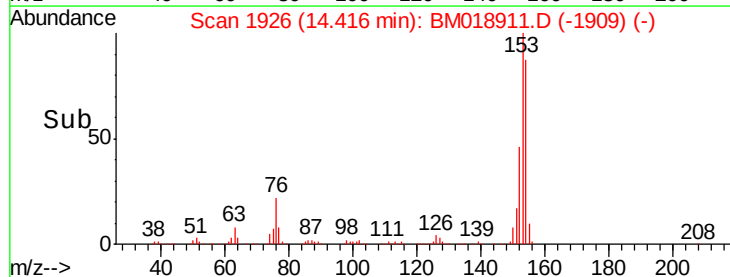
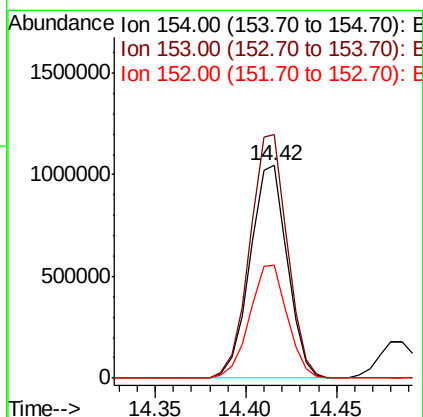
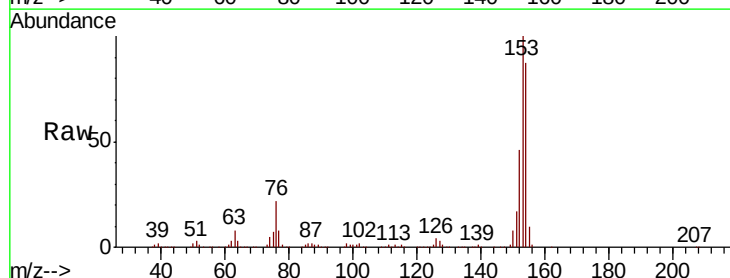
Instrument :
BNA_M
ClientSampleId :
PB117339BS

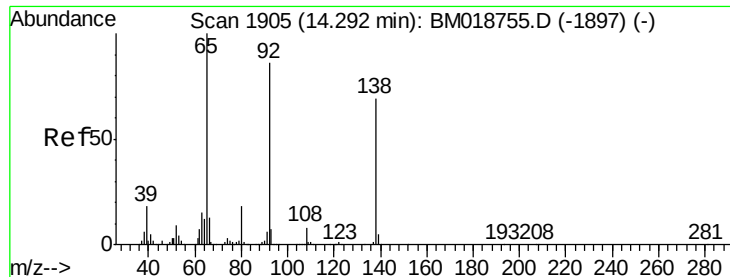
Tot Ion:165 Resp: 448932
Ion Ratio Lower Upper
165 100
63 59.9 48.9 73.3
89 62.0 49.4 74.0



#52
Acenaphthene
Concen: 41.449 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion:154 Resp: 1495391
Ion Ratio Lower Upper
154 100
153 114.5 91.3 136.9
152 53.2 42.2 63.4

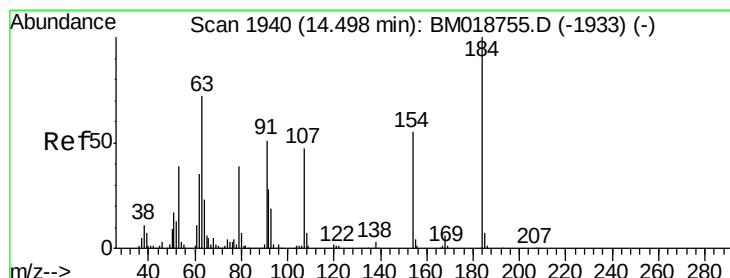
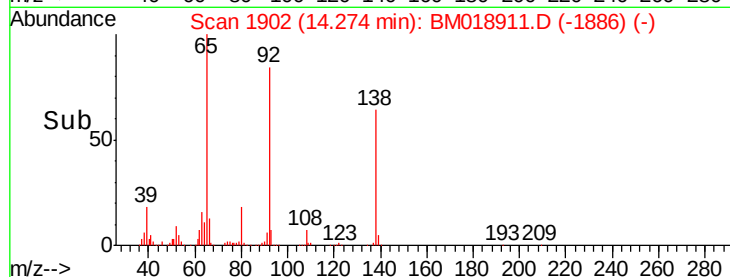
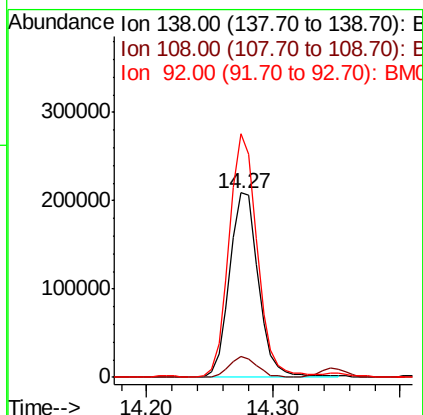
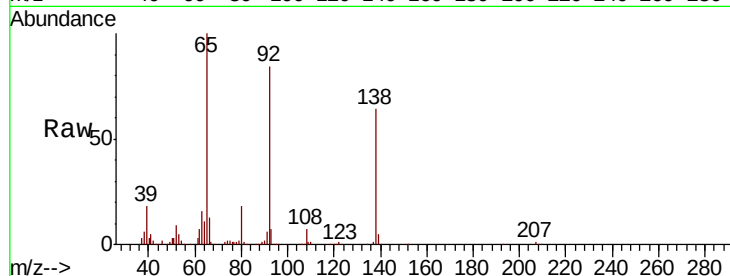




#53
3-Nitroaniline
Concen: 27.148 ng
RT: 14.27 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

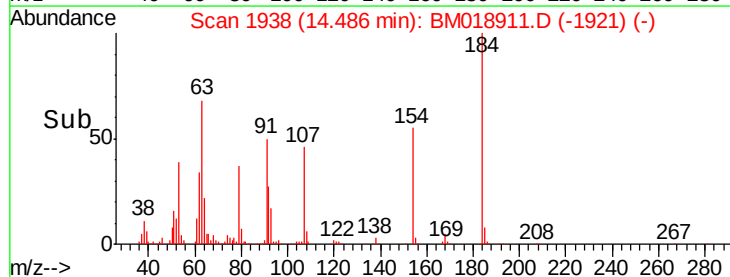
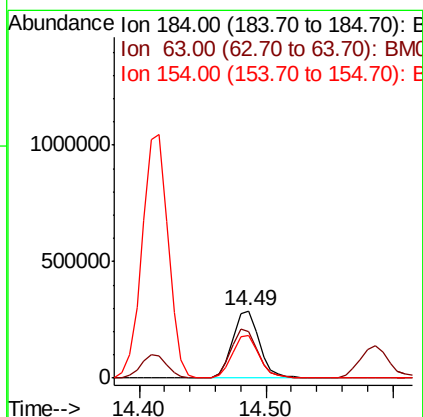
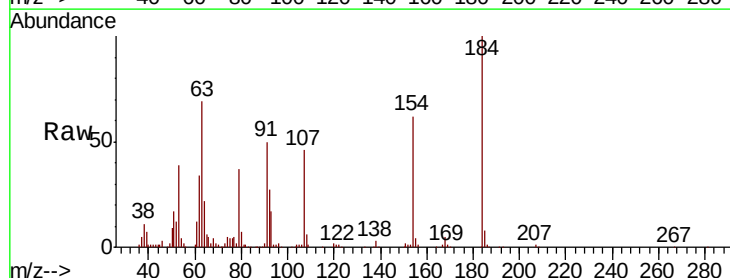
Instrument :
BNA_M
ClientSampleId :
PB117339BS

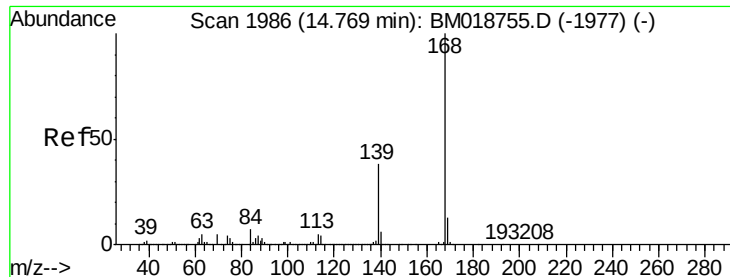
Tot Ion:138 Resp: 329120
Ion Ratio Lower Upper
138 100
108 11.5 9.1 13.7
92 131.8 99.7 149.5



#54
2,4-Dinitrophenol
Concen: 63.742 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion:184 Resp: 425376
Ion Ratio Lower Upper
184 100
63 68.8 58.0 87.0
154 62.5 50.3 75.5





#55

Dibenzofuran

Concen: 40.908 ng

RT: 14.75 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

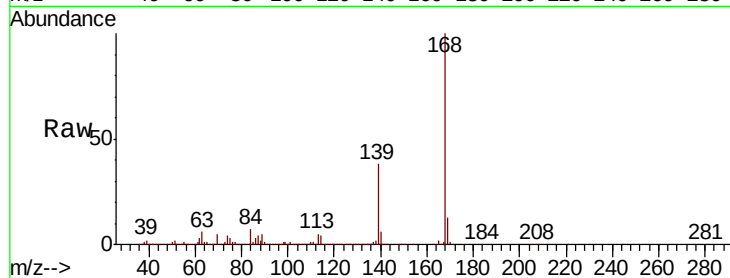
Tot Ion:168 Resp: 2425771

Ion Ratio Lower Upper

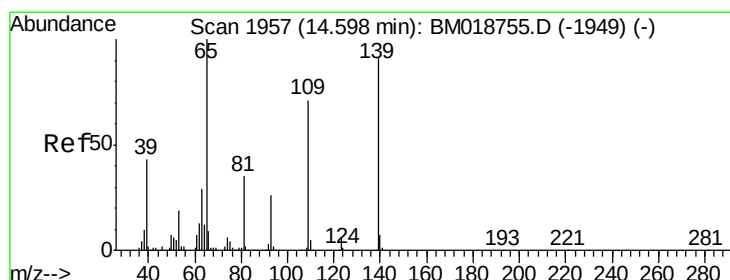
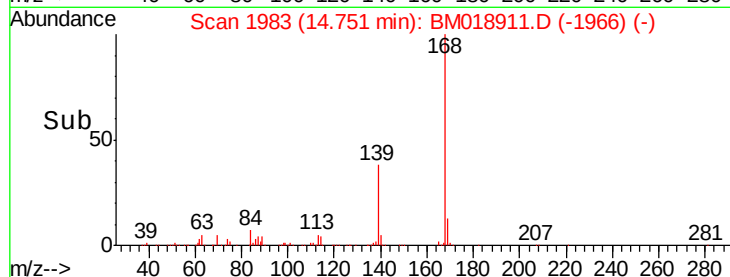
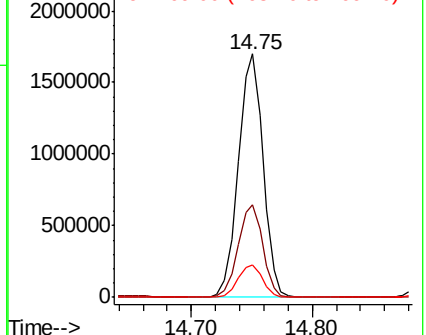
168 100

139 38.3 30.7 46.1

169 13.2 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 73.439 ng

RT: 14.59 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

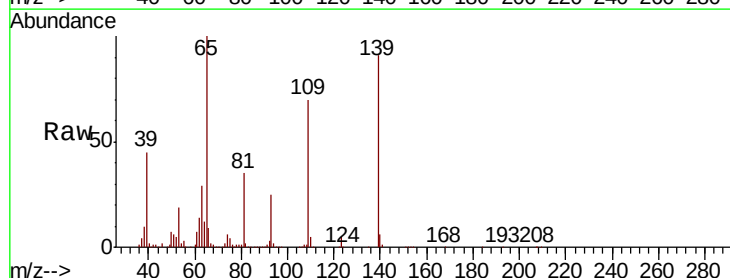
Tgt Ion:139 Resp: 710720

Ion Ratio Lower Upper

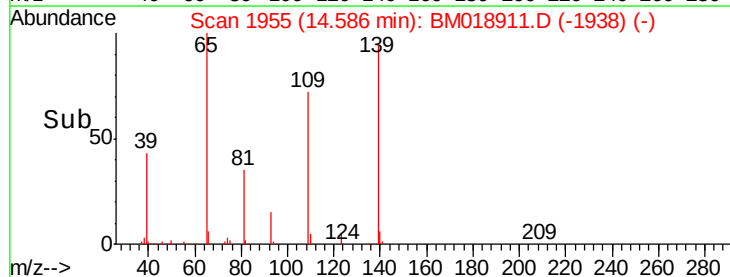
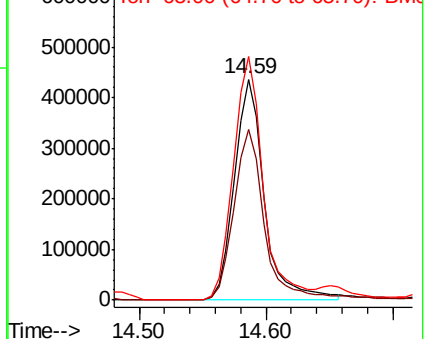
139 100

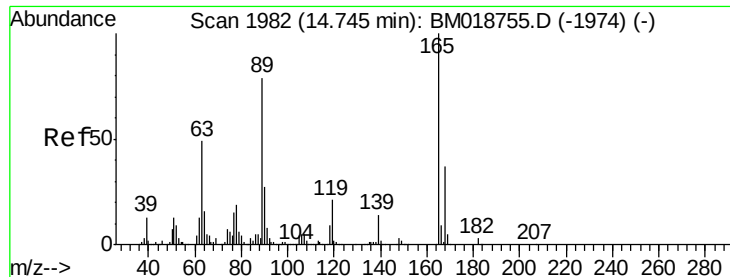
109 77.2 58.4 98.4

65 110.2 89.8 129.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

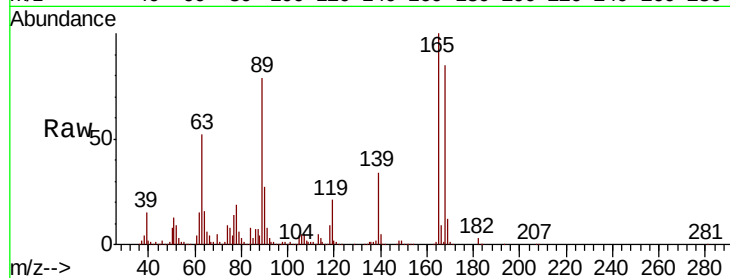




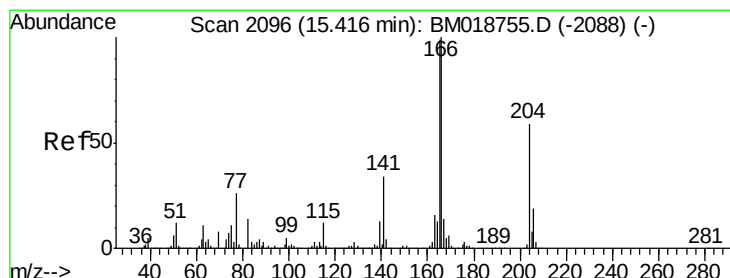
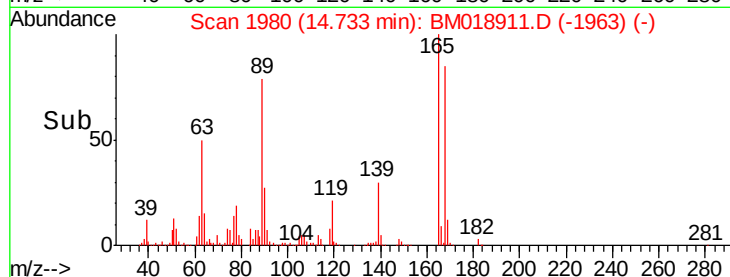
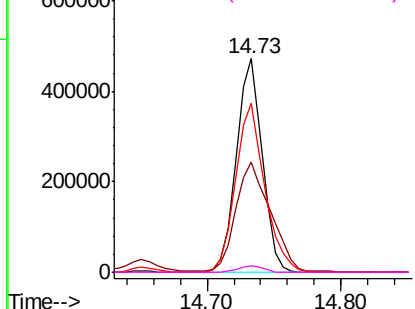
#57
 2,4-Dinitrotoluene
 Concen: 42.930 ng
 RT: 14.73 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Instrument :
 BNA_M
 ClientSampleId :
 PB117339BS

Tot Ion:165 Resp: 634647
 Ion Ratio Lower Upper
 165 100
 63 51.5 39.6 59.4
 89 79.2 63.5 95.3
 182 2.8 2.2 3.4

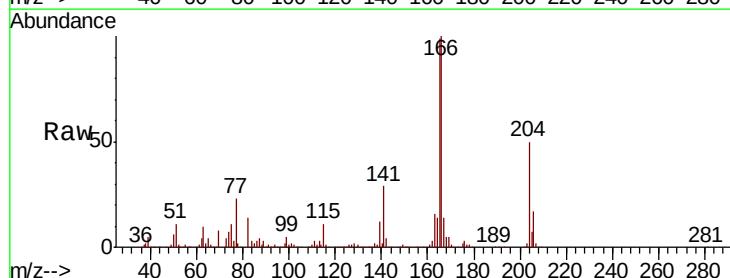


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

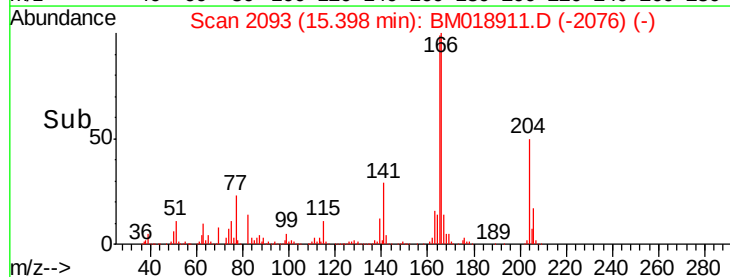
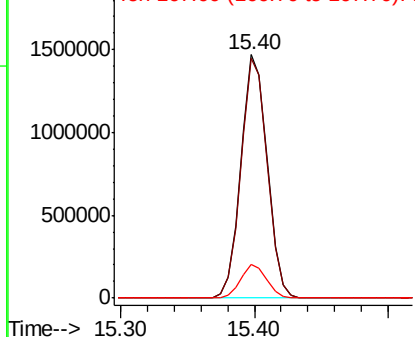


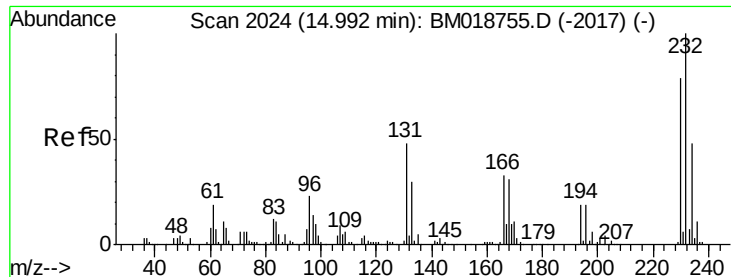
#58
 Fluorene
 Concen: 43.894 ng
 RT: 15.40 min Scan# 2093
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Tgt Ion:166 Resp: 1991293
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.1 118.7
 167 13.8 11.0 16.4



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

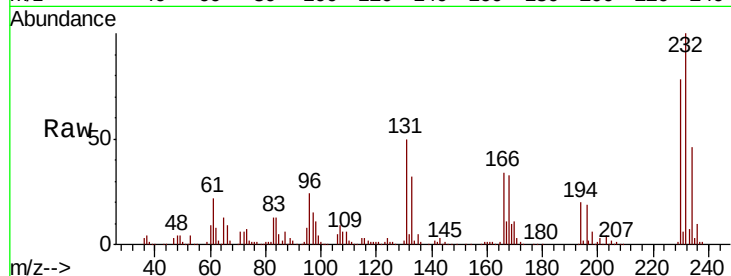




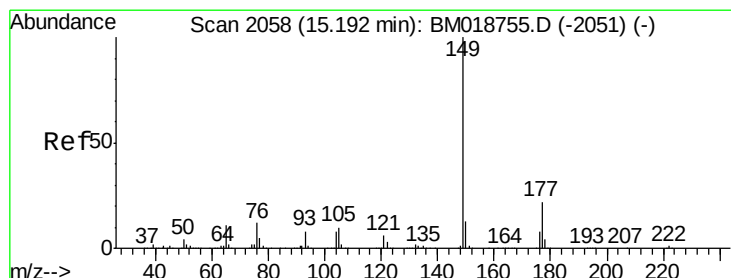
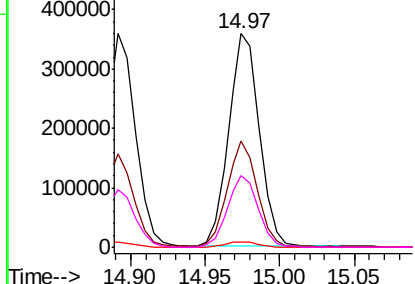
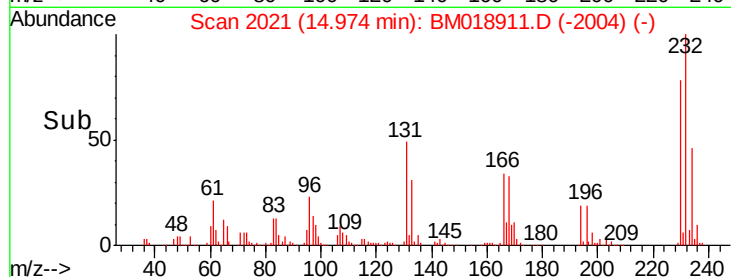
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.168 ng
RT: 14.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion:232 Resp: 515012
Ion Ratio Lower Upper
232 100
131 48.5 38.6 57.8
130 2.5 2.0 3.0
166 33.3 26.9 40.3

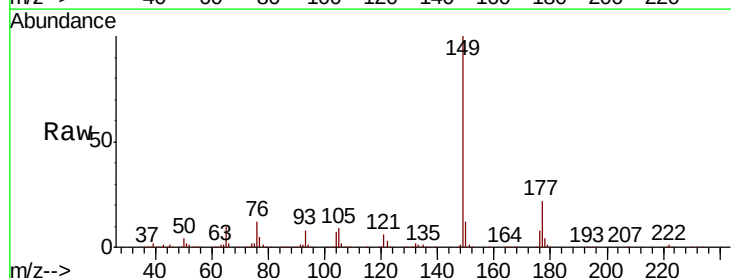


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

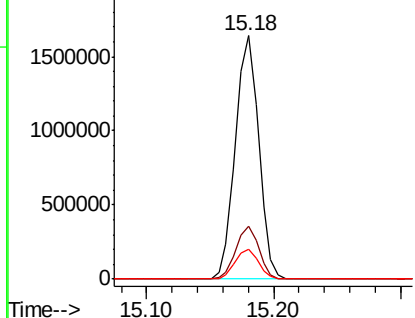
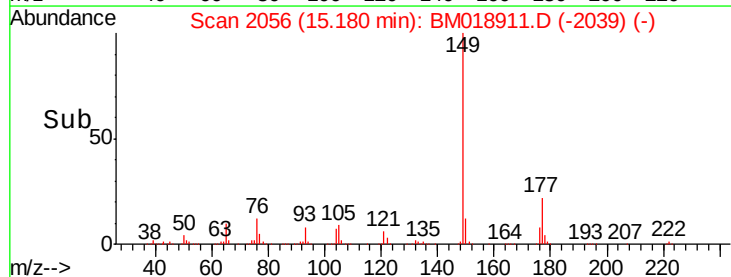


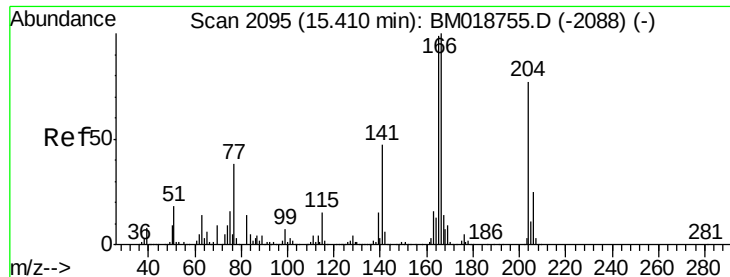
#60
Diethylphthalate
Concen: 40.813 ng
RT: 15.18 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion:149 Resp: 2085285
Ion Ratio Lower Upper
149 100
177 21.9 17.2 25.8
150 12.4 10.2 15.2



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

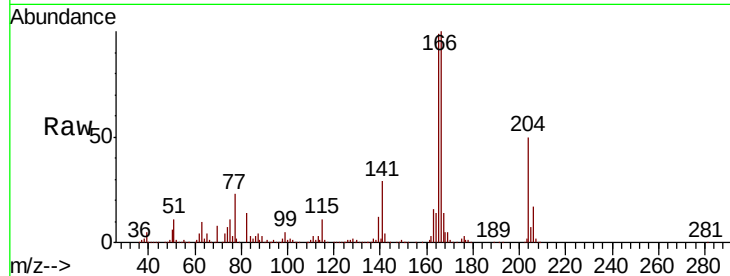




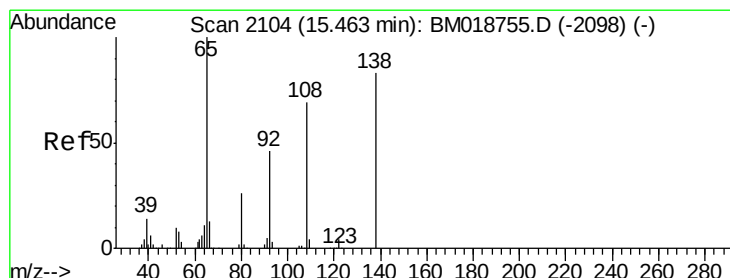
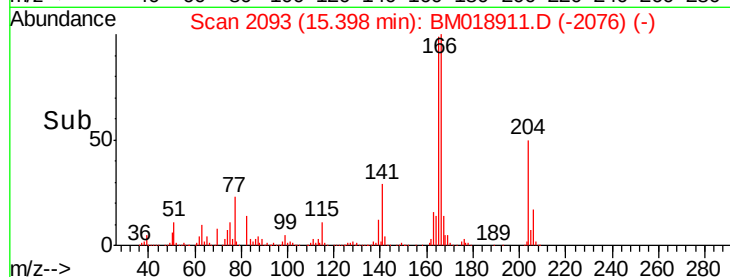
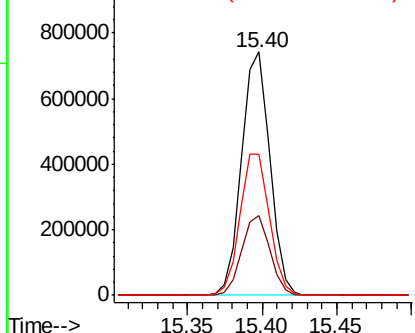
#61
4-Chlorophenyl-phenylether
Concen: 38.390 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion:204 Resp: 976458
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 57.8 49.2 73.8

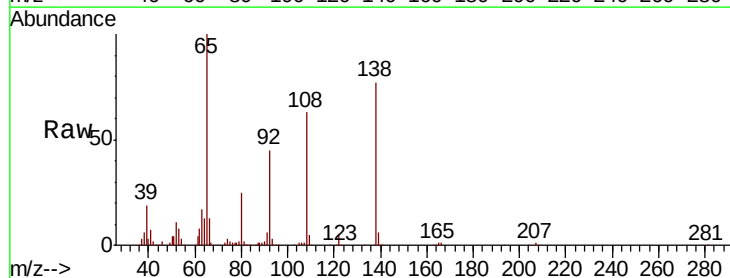


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

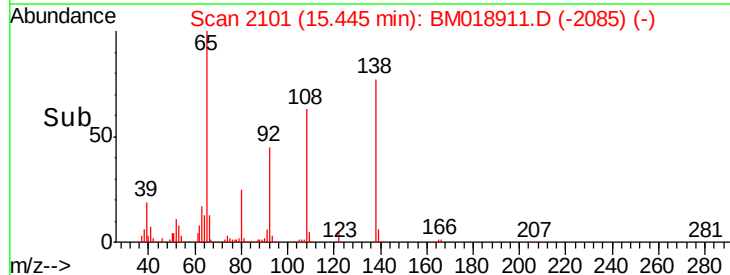
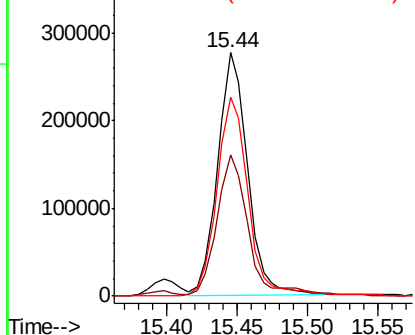


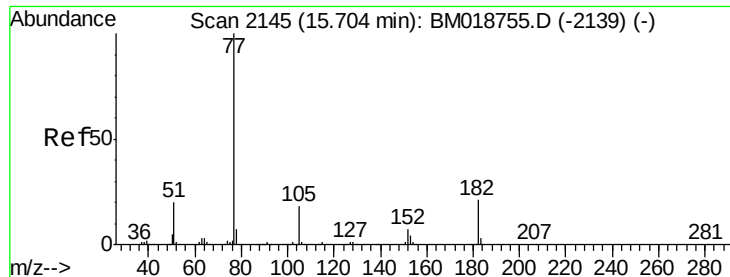
#62
4-Nitroaniline
Concen: 34.266 ng
RT: 15.44 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion:138 Resp: 407254
Ion Ratio Lower Upper
138 100
92 57.9 35.5 75.5
108 81.9 62.4 102.4



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





#63

Azobenzene

Concen: 41.177 ng

RT: 15.69 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

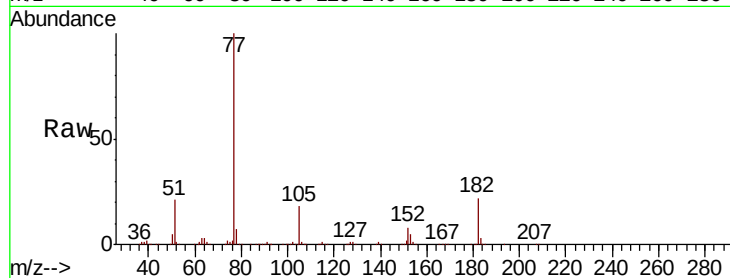
BNA_M

ClientSampleId :

PB117339BS

Tot Ion: 77 Resp: 2255825

Ion	Ratio	Lower	Upper
77	100		
182	22.5	1.0	41.0
105	18.3	0.0	37.7
51	20.5	0.3	40.3

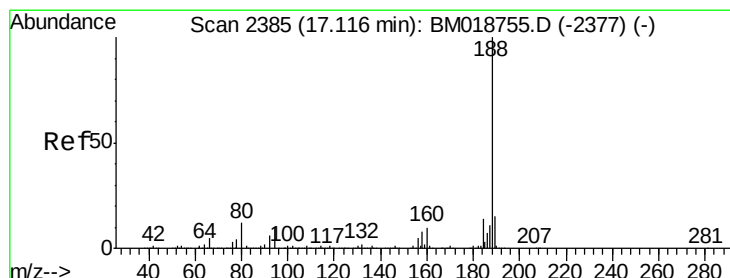
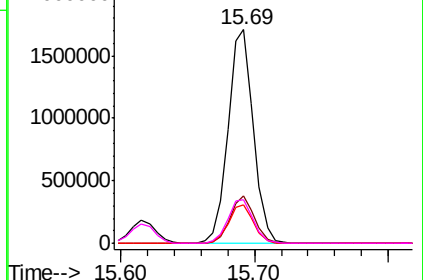
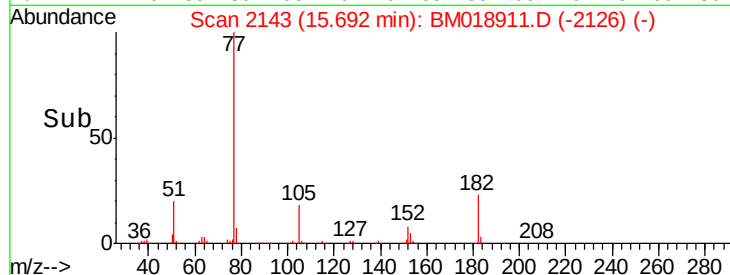


Abundance Ion 77.00 (76.70 to 77.70): BM018911.D (-2126) (-)

Ion 182.00 (181.70 to 182.70): BM018911.D (-2126) (-)

Ion 105.00 (104.70 to 105.70): BM018911.D (-2126) (-)

Ion 51.00 (50.70 to 51.70): BM018911.D (-2126) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2382

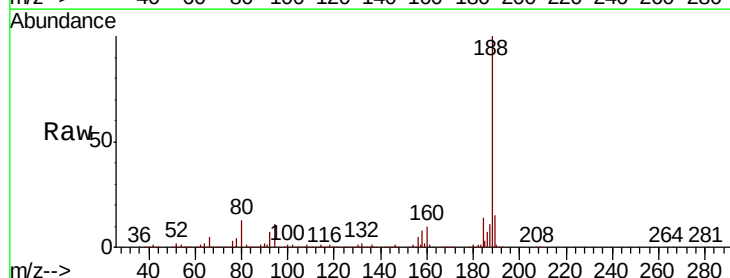
Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Tgt Ion: 188 Resp: 1323157

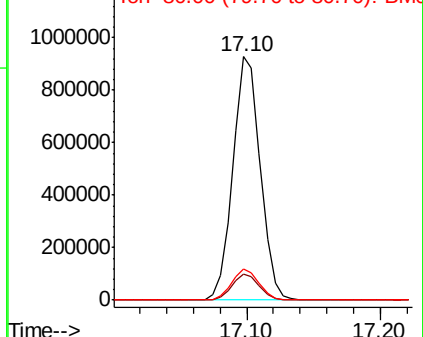
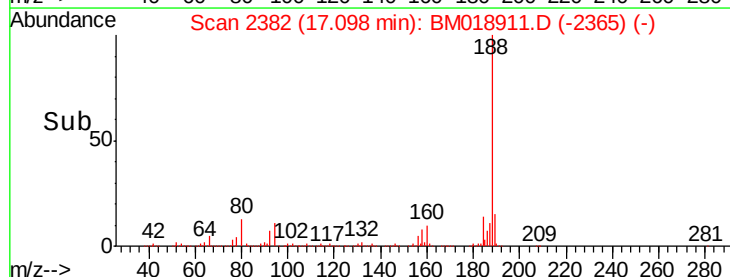
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.2	12.2
80	12.6	9.7	14.5

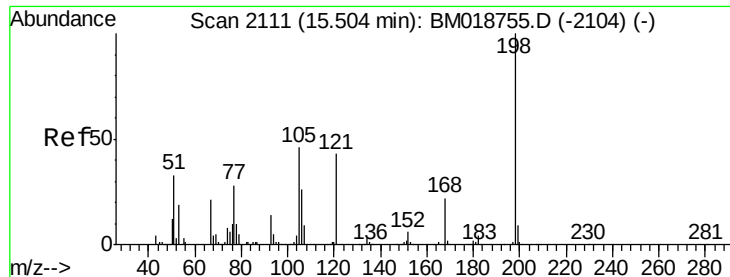


Abundance Ion 188.00 (187.70 to 188.70): BM018911.D (-2365) (-)

Ion 94.00 (93.70 to 94.70): BM018911.D (-2365) (-)

Ion 80.00 (79.70 to 80.70): BM018911.D (-2365) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 34.386 ng

RT: 15.49 min Scan# 2109

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

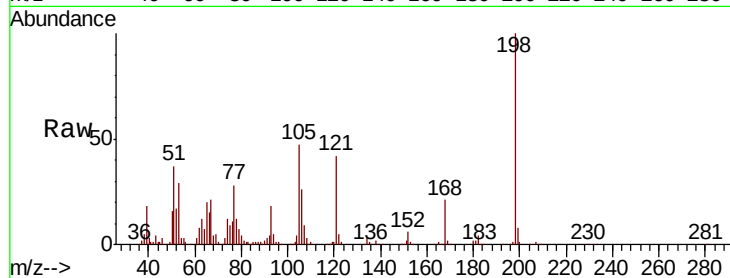
BNA_M

ClientSampleId :

PB117339BS

Tot Ion:198 Resp: 319451

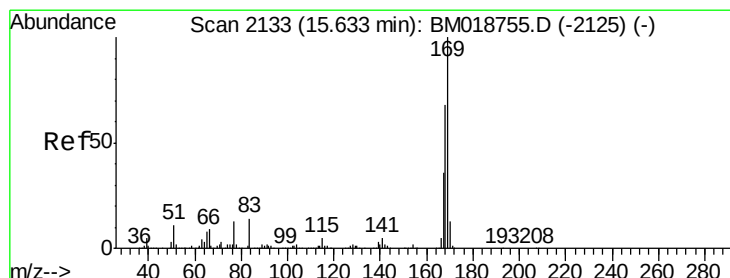
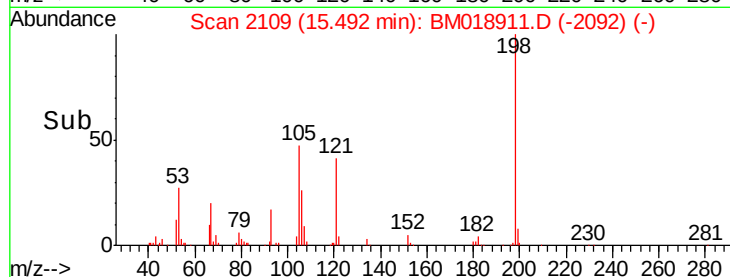
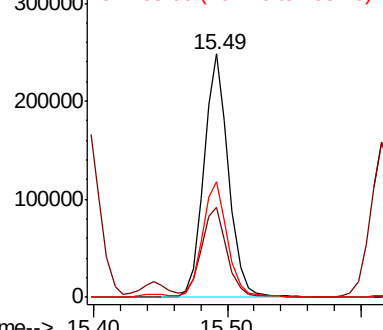
Ion	Ratio	Lower	Upper
198	100		
51	36.7	18.4	58.4
105	47.3	27.2	67.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM018911.D (-2104) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.313 ng

RT: 15.62 min Scan# 2130

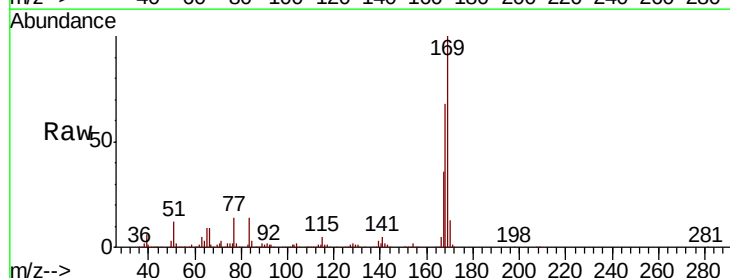
Delta R.T. -0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Tgt Ion:169 Resp: 1727034

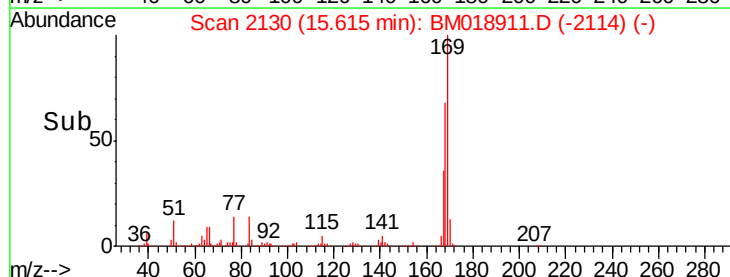
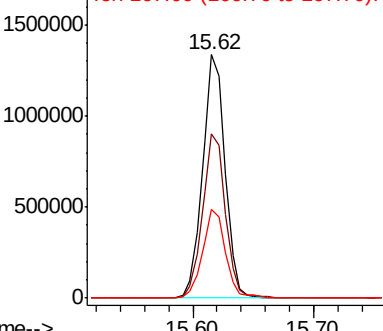
Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.4	81.6
167	36.5	29.0	43.6

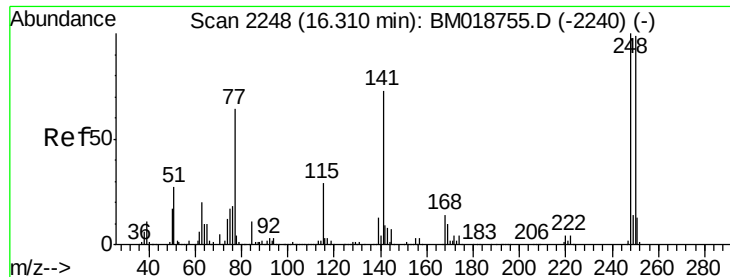


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

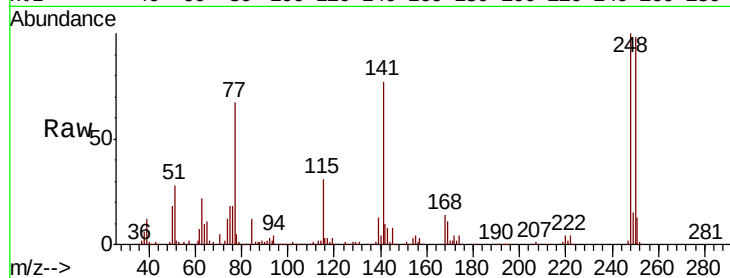




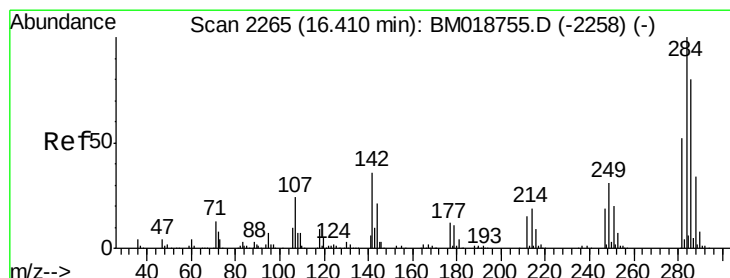
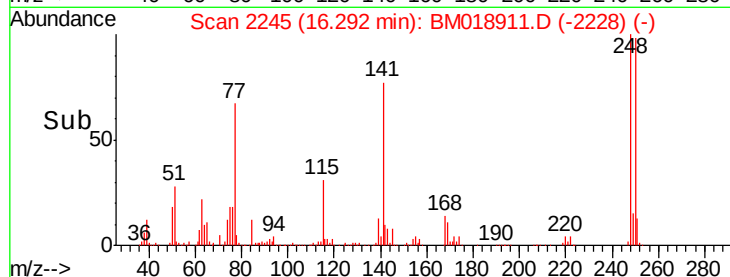
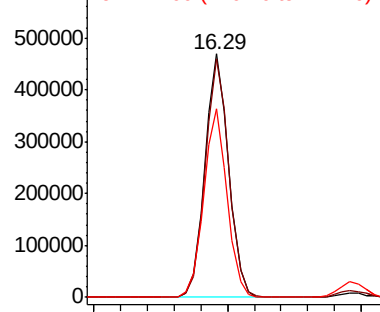
#67
4-Bromophenyl-phenylether
Concen: 39.203 ng
RT: 16.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Instrument :
BNA_M
ClientSampleId :
PB117339BS

Tot Ion:248 Resp: 580609
Ion Ratio Lower Upper
248 100
250 98.0 79.0 118.6
141 77.3 58.6 88.0

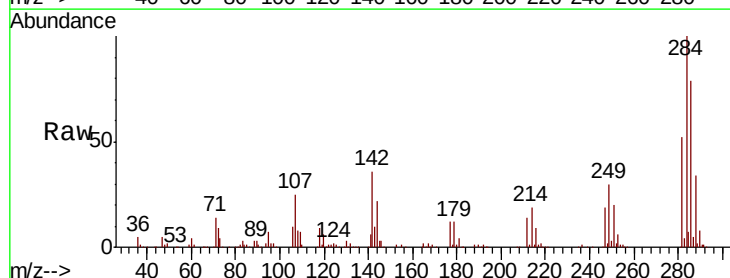


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

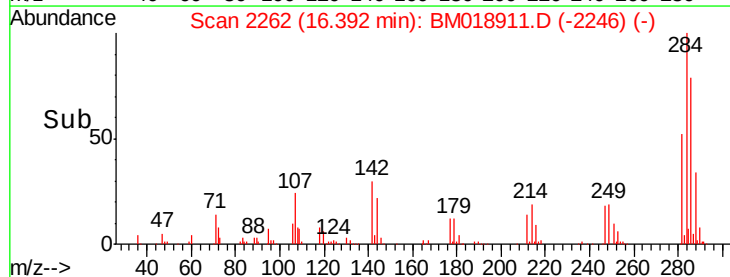
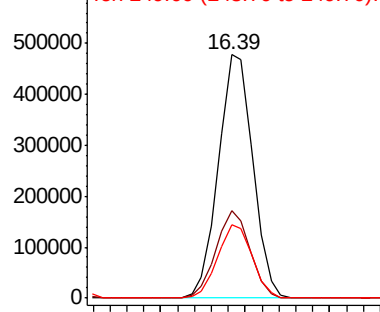


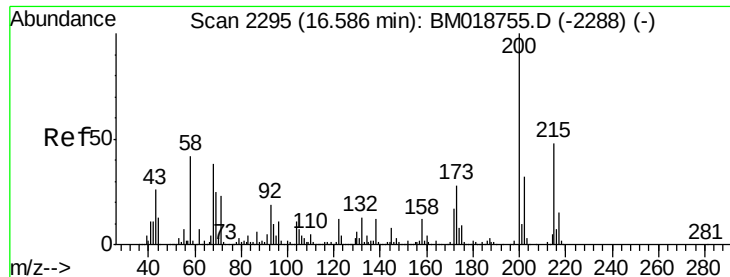
#68
Hexachlorobenzene
Concen: 39.586 ng
RT: 16.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BM018911.D
Acq: 25 Feb 2019 12:16

Tgt Ion:284 Resp: 681470
Ion Ratio Lower Upper
284 100
142 36.0 28.9 43.3
249 29.9 24.8 37.2



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: 43.442 ng

RT: 16.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

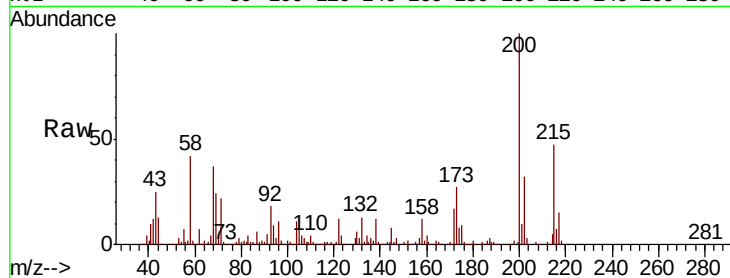
Tot Ion:200 Resp: 585475

Ion Ratio Lower Upper

200 100

173 27.2 7.6 47.6

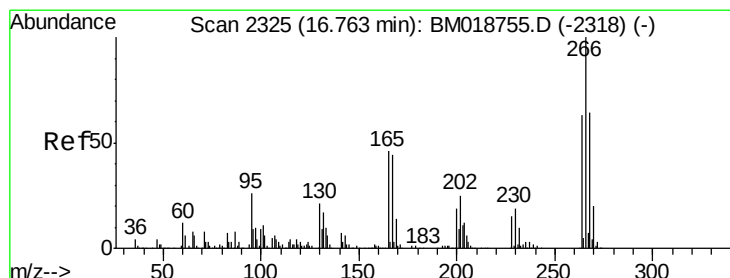
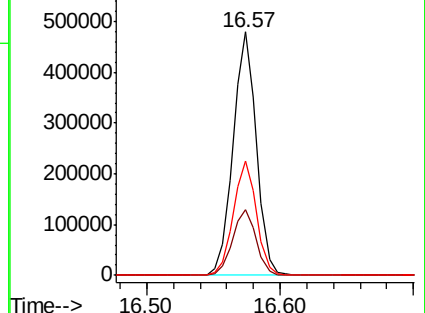
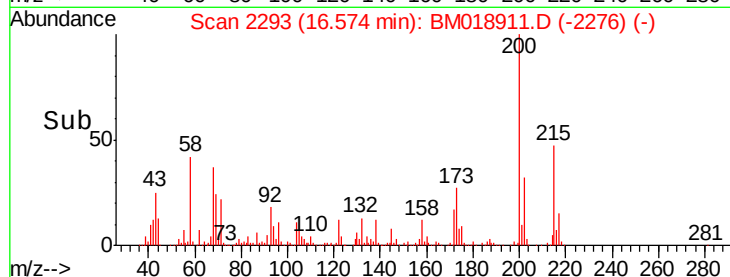
215 46.7 27.6 67.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 76.012 ng

RT: 16.74 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

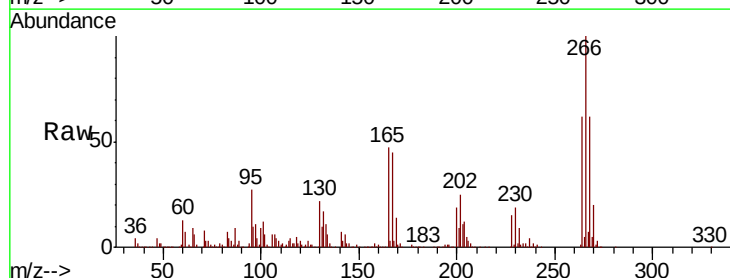
Tgt Ion:266 Resp: 842547

Ion Ratio Lower Upper

266 100

268 62.0 51.3 76.9

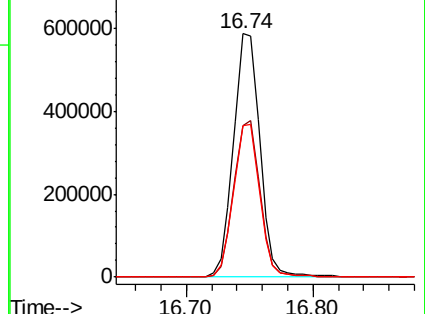
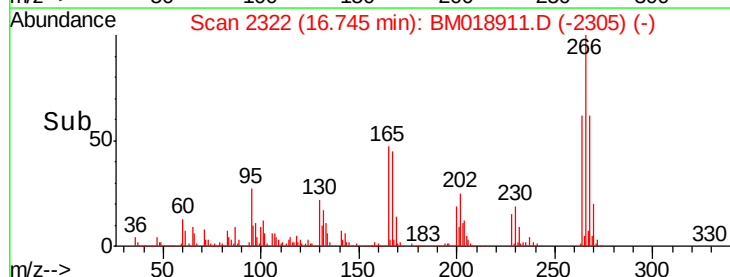
264 62.4 50.6 75.8

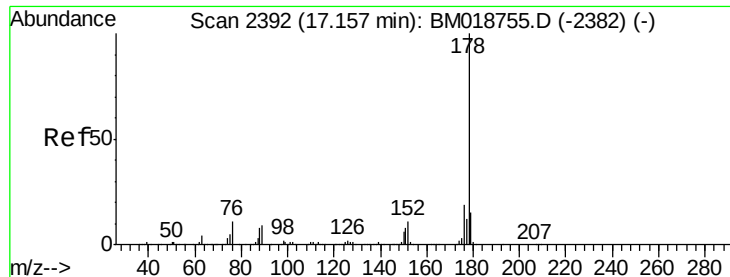


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.237 ng

RT: 17.14 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

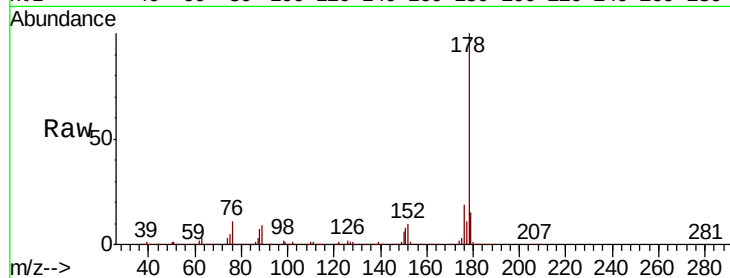
Tot Ion:178 Resp: 3074504

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

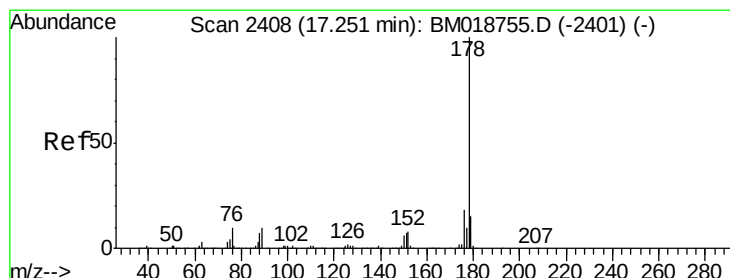
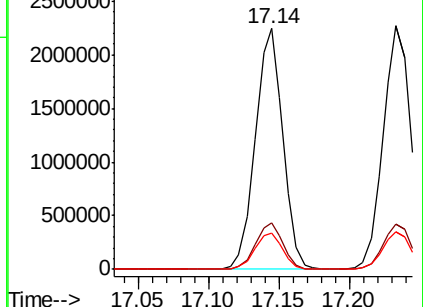
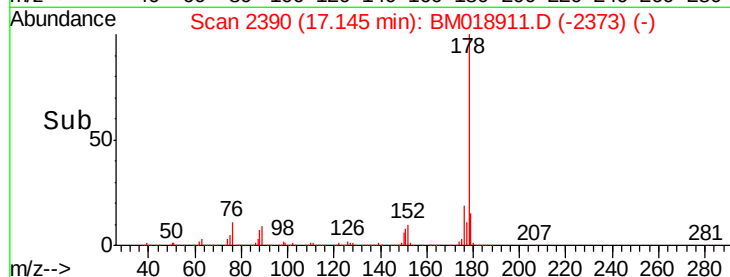
179 15.3 12.3 18.5



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: 44.821 ng

RT: 17.23 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

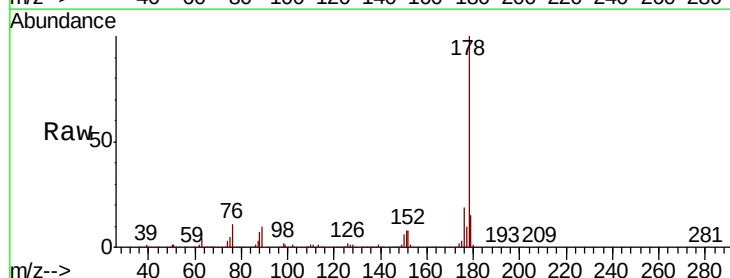
Tgt Ion:178 Resp: 3102113

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

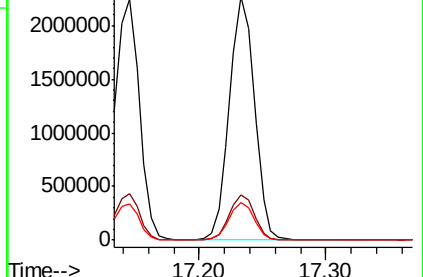
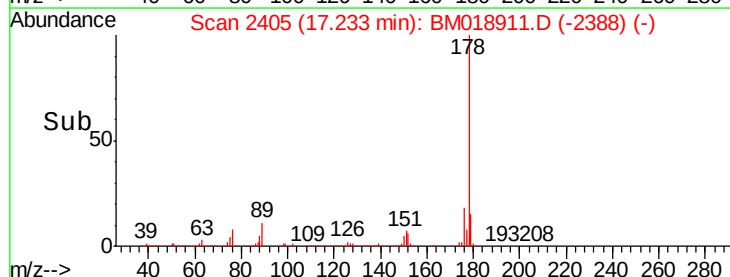
179 15.4 12.1 18.1

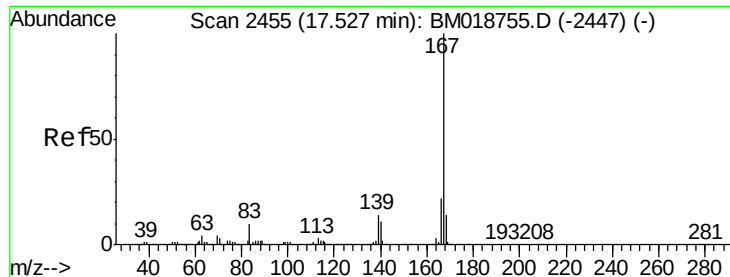


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

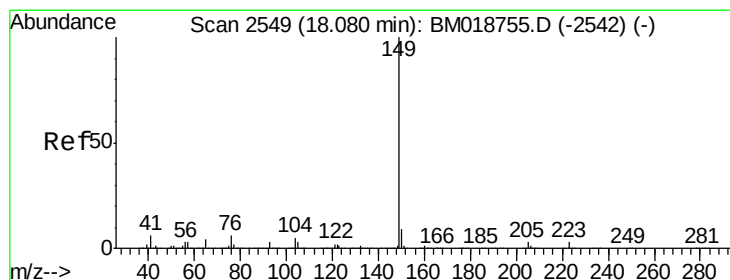
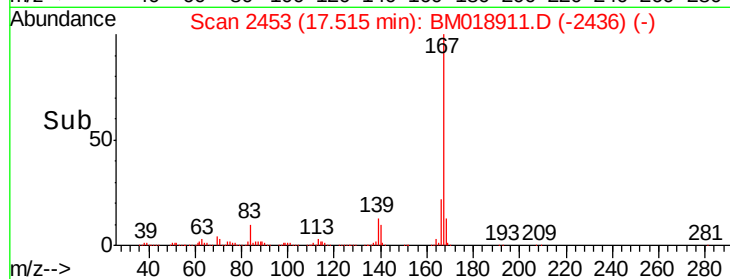
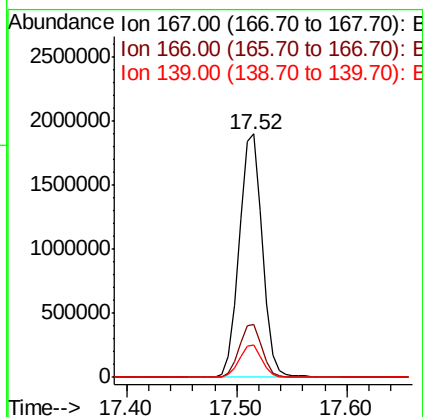
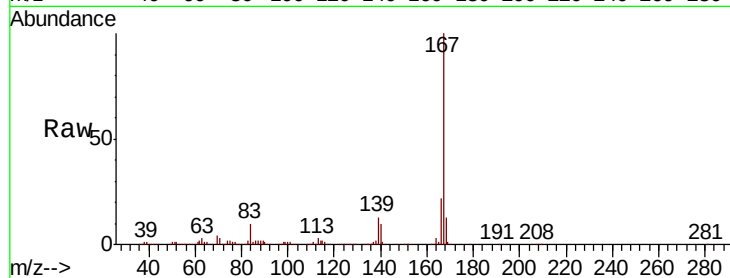




#73
 Carbazole
 Concen: 38.755 ng
 RT: 17.52 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

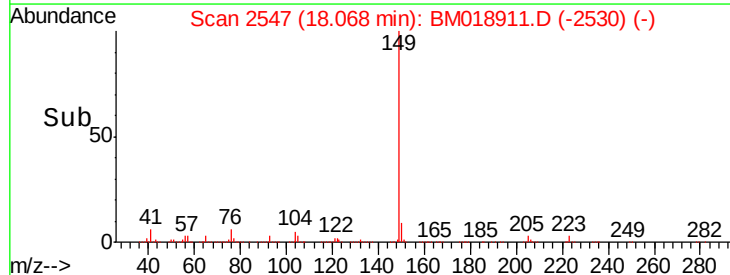
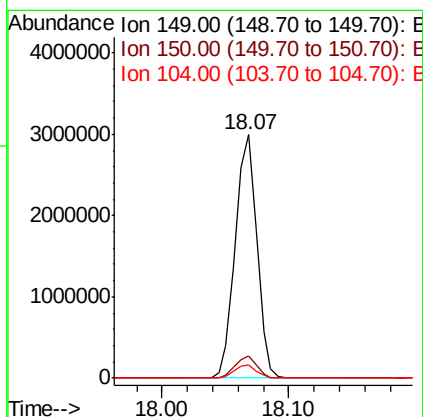
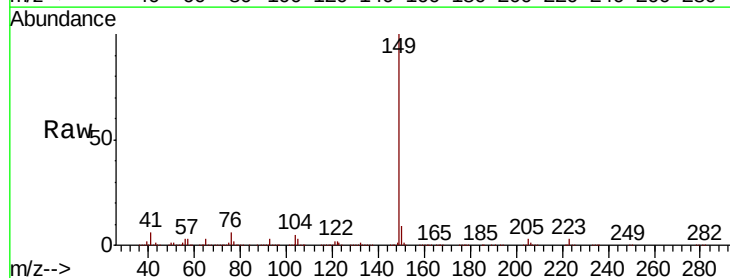
Instrument :
 BNA_M
 ClientSampleId :
 PB117339BS

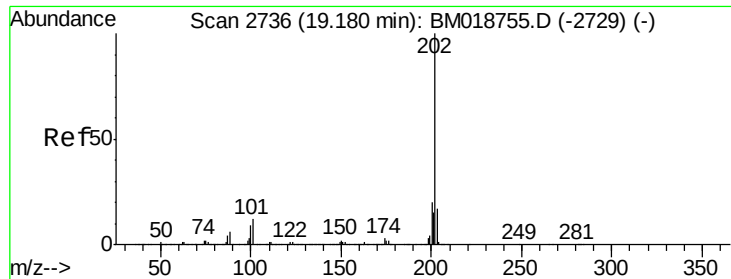
Tot Ion:167 Resp: 2802403
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 13.1 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 42.237 ng
 RT: 18.07 min Scan# 2547
 Delta R.T. -0.00 min
 Lab File: BM018911.D
 Acq: 25 Feb 2019 12:16

Tgt Ion:149 Resp: 3512507
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 41.996 ng

RT: 19.17 min Scan# 2734

Delta R.T. 0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

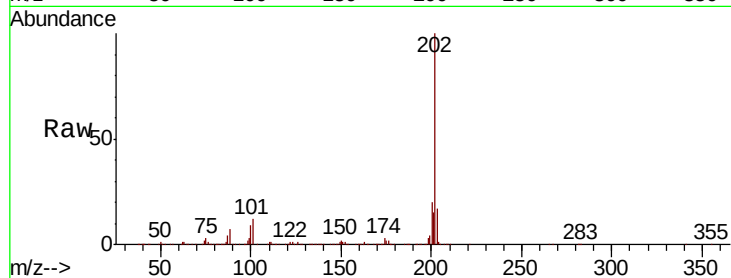
Tot Ion:202 Resp: 3449544

Ion Ratio Lower Upper

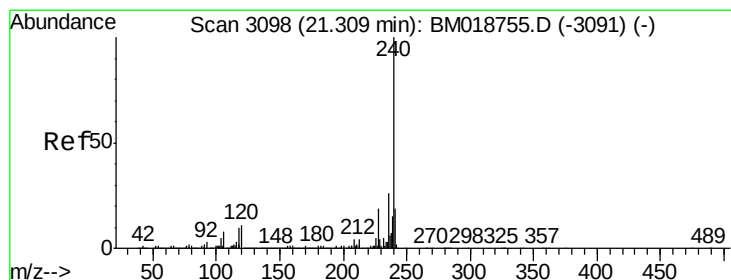
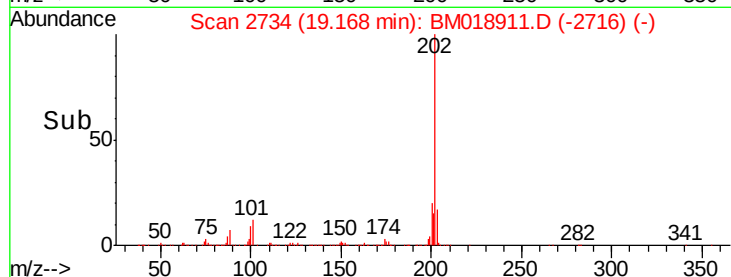
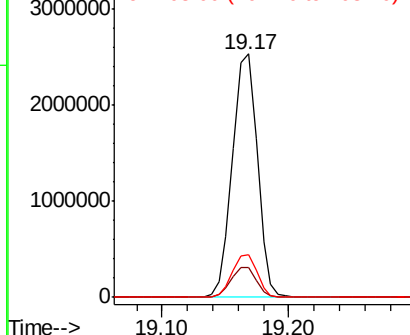
202 100

101 12.0 0.0 31.5

203 17.4 0.0 37.3



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: 21.30 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

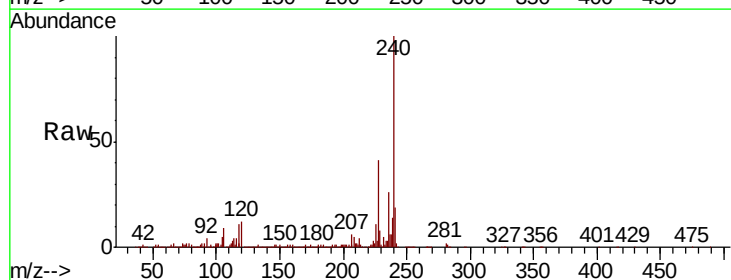
Tgt Ion:240 Resp: 1285487

Ion Ratio Lower Upper

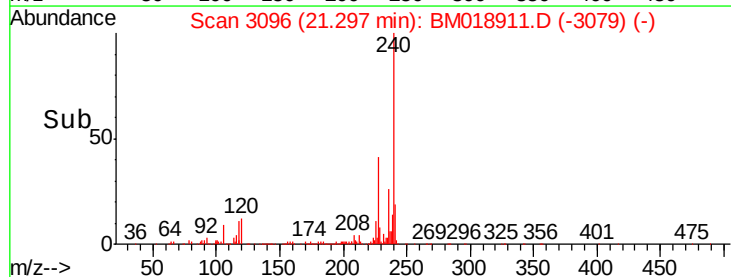
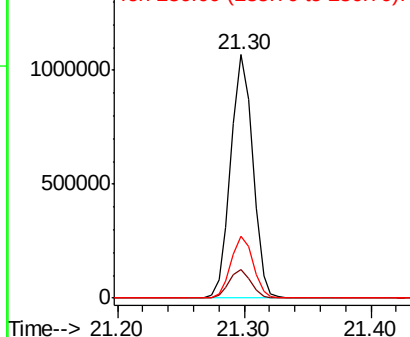
240 100

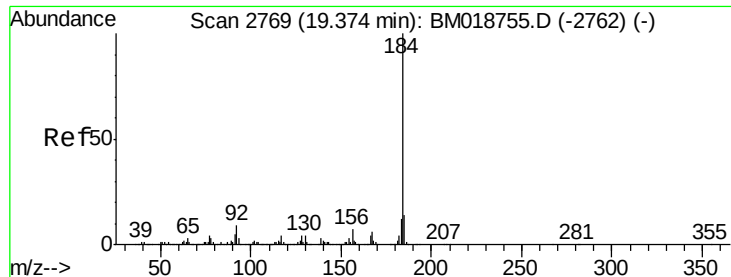
120 11.8 8.9 13.3

236 25.6 20.9 31.3



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: 35.425 ng

RT: 19.36 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

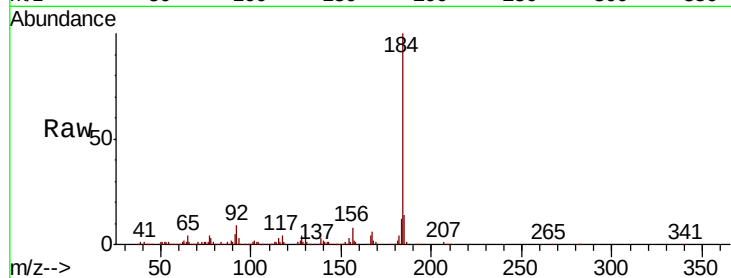
BNA_M

ClientSampleId :

PB117339BS

Tot Ion:184 Resp: 1025581

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.2	16.8
183	12.3	9.7	14.5

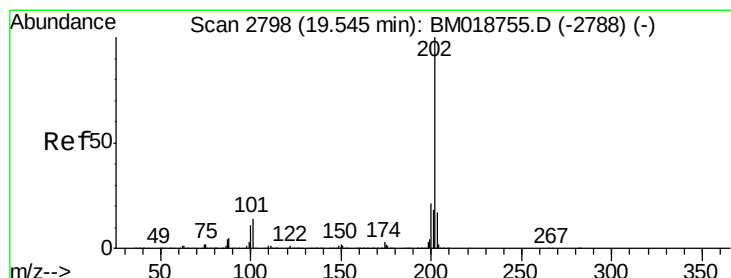
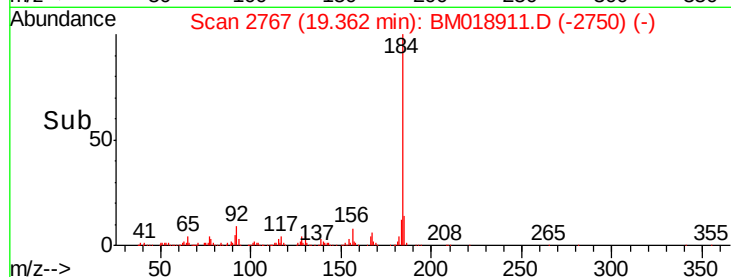
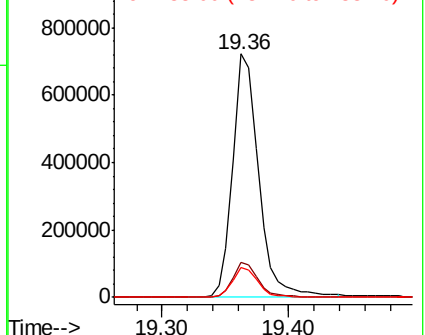


Abundance

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: 47.272 ng

RT: 19.53 min Scan# 2795

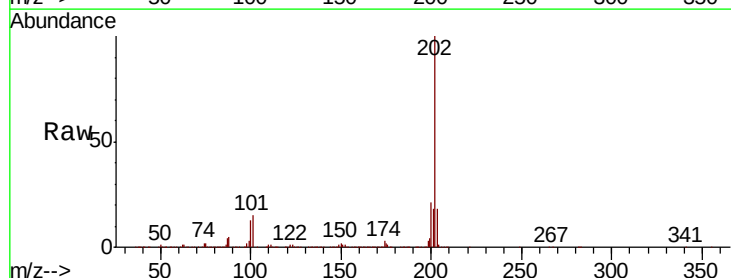
Delta R.T. -0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Tgt Ion:202 Resp: 3529348

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.7	13.8	20.8

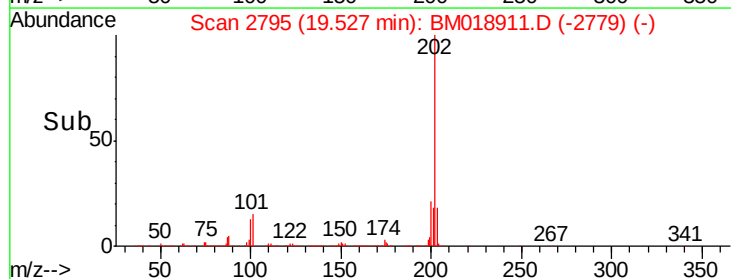
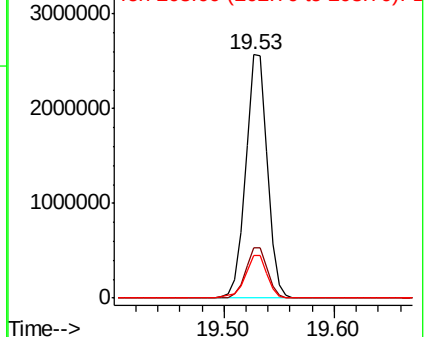


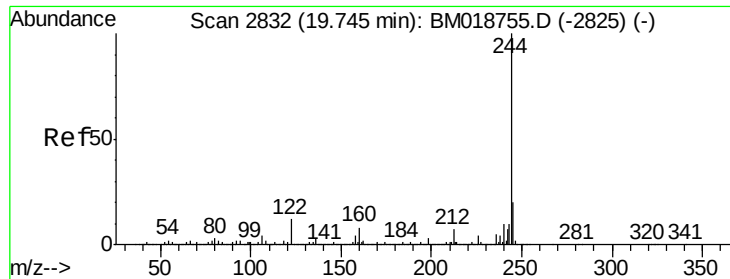
Abundance

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: 94.837 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

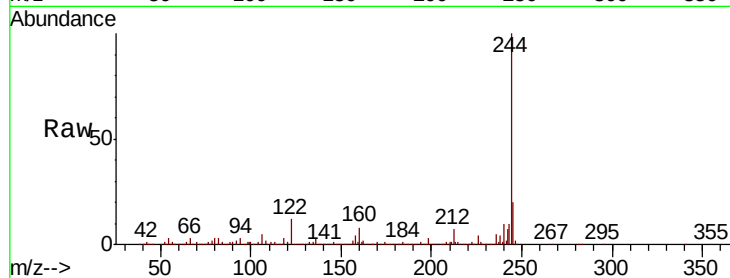
Tot Ion:244 Resp: 5909731

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 12.1 9.3 13.9

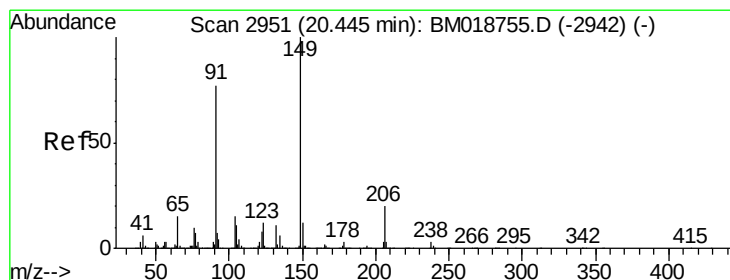
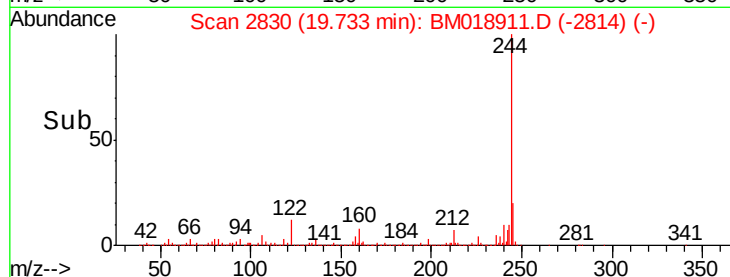
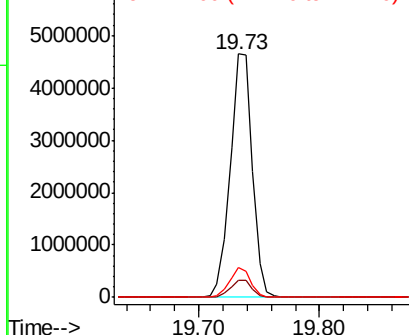


Abundance

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: 47.151 ng

RT: 20.43 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

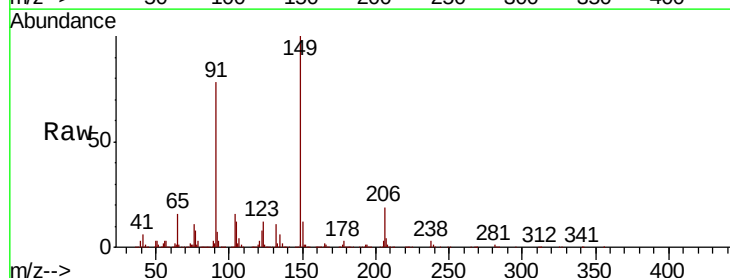
Tgt Ion:149 Resp: 1604326

Ion Ratio Lower Upper

149 100

91 78.3 61.4 92.0

206 19.3 15.8 23.8

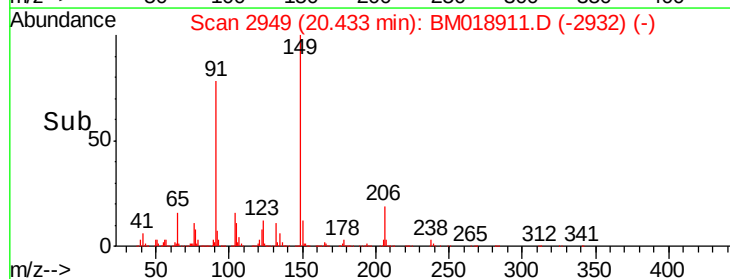
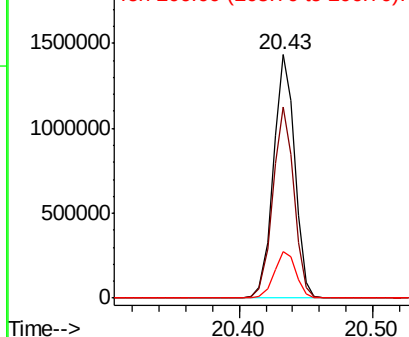


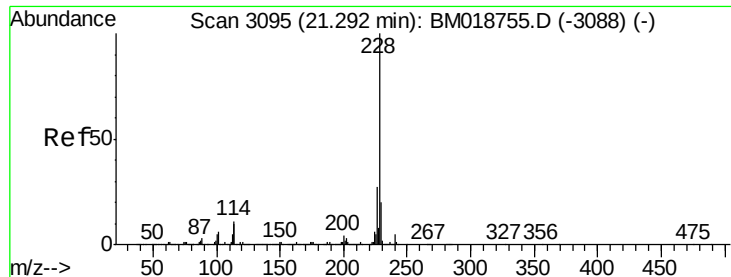
Abundance

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: 43.920 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

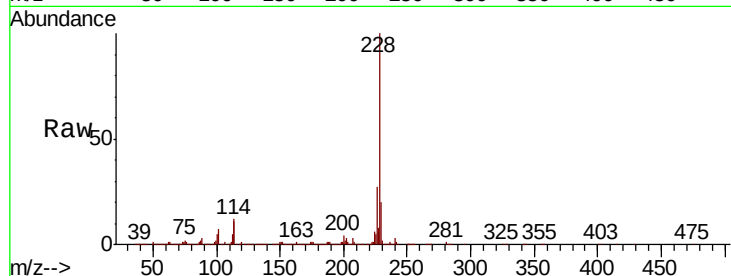
Tot Ion:228 Resp: 3291096

Ion Ratio Lower Upper

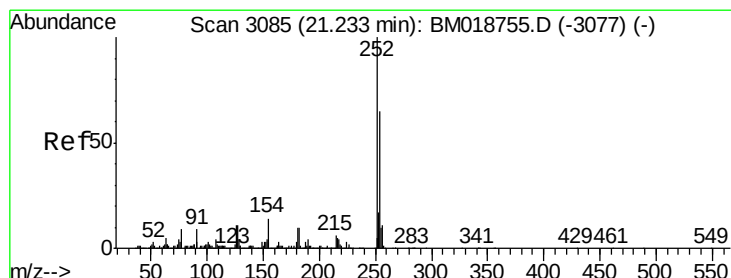
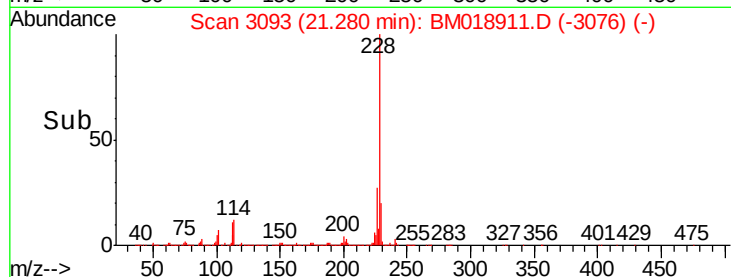
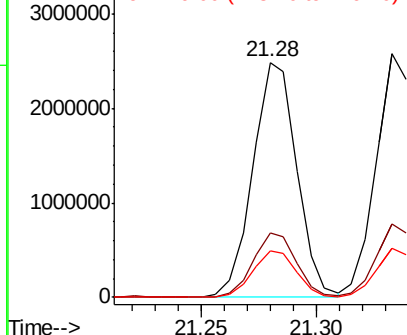
228 100

226 27.3 21.9 32.9

229 19.7 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: 30.534 ng

RT: 21.22 min Scan# 3083

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

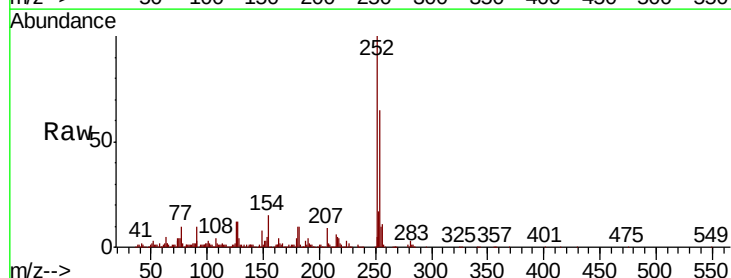
Tgt Ion:252 Resp: 904255

Ion Ratio Lower Upper

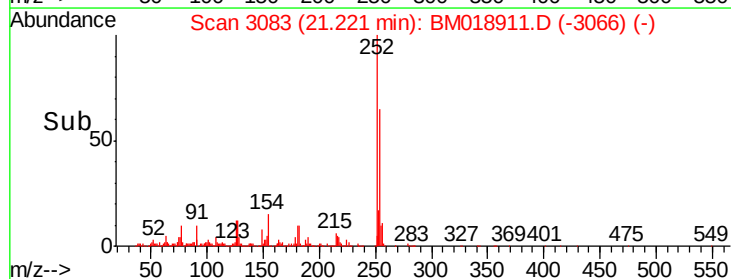
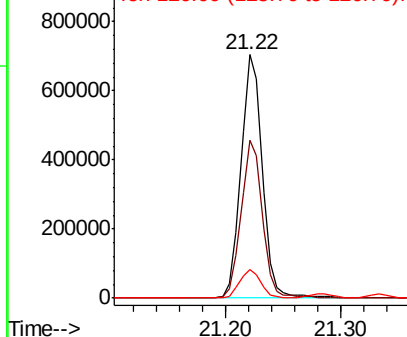
252 100

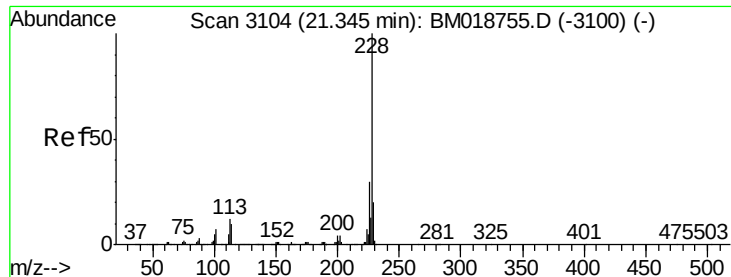
254 64.8 51.8 77.8

126 12.0 9.1 13.7



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: 42.891 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

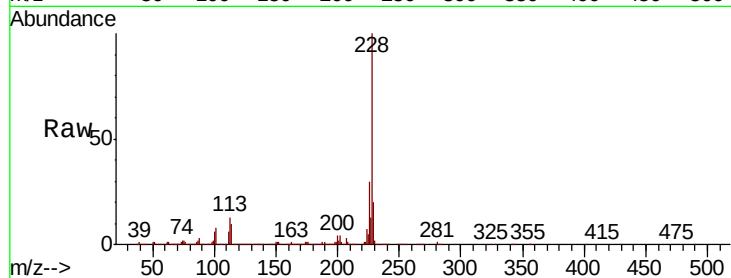
BNA_M

ClientSampleId :

PB117339BS

Tot Ion:228 Resp: 3080557

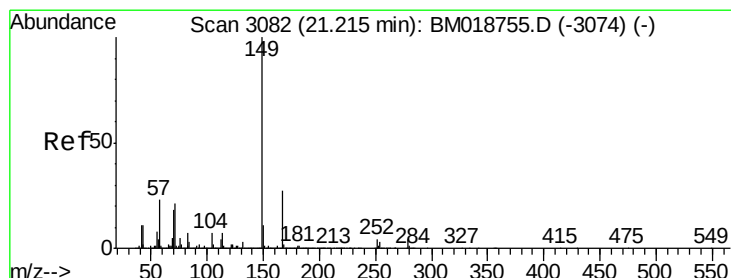
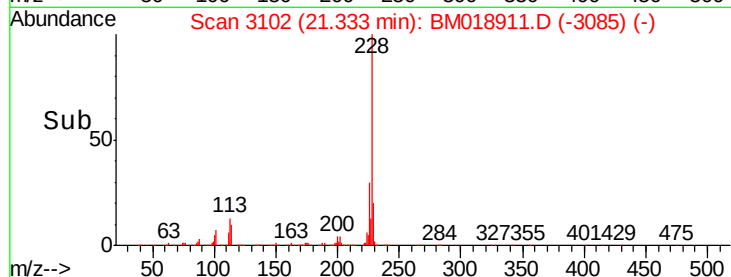
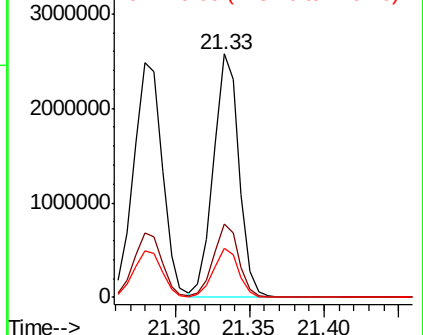
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	20.4	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.788 ng

RT: 21.20 min Scan# 3080

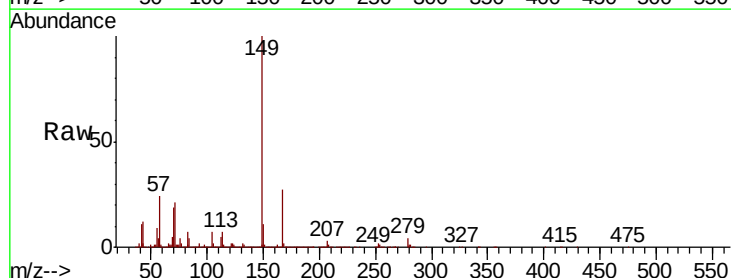
Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Tgt Ion:149 Resp: 2330050

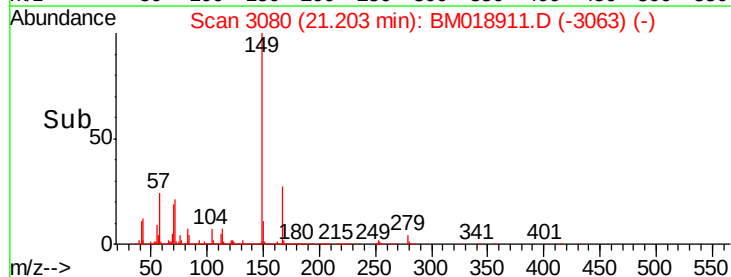
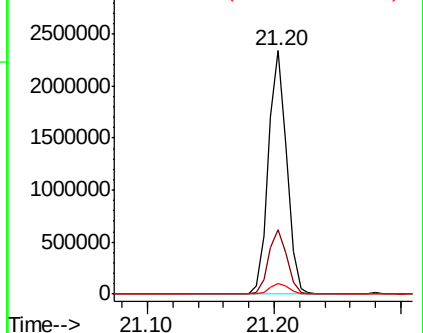
Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.8	32.6
279	4.3	3.6	5.4

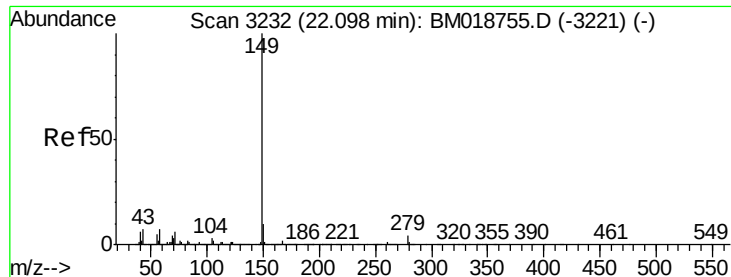


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.847 ng

RT: 22.09 min Scan# 3230

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

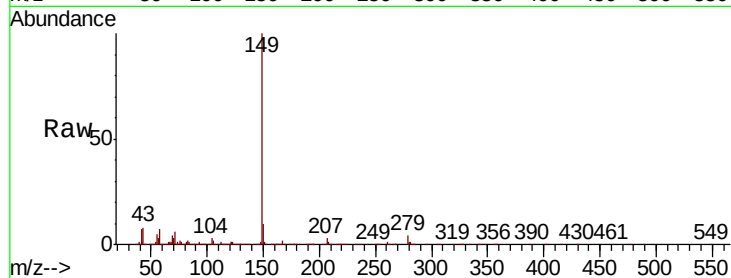
Tot Ion:149 Resp: 3921058

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

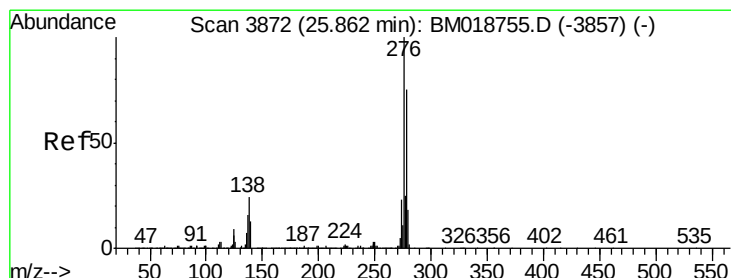
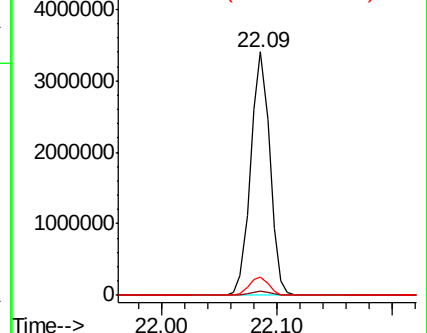
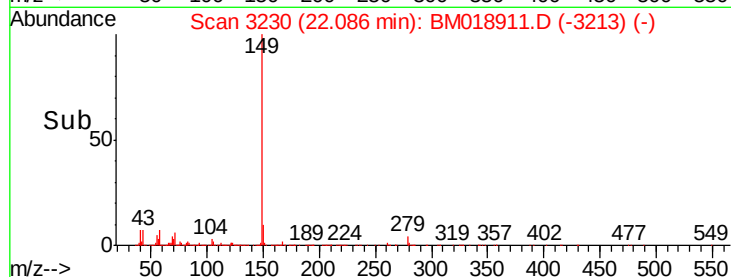
43 7.7 6.0 9.0



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: 39.012 ng

RT: 25.83 min Scan# 3867

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

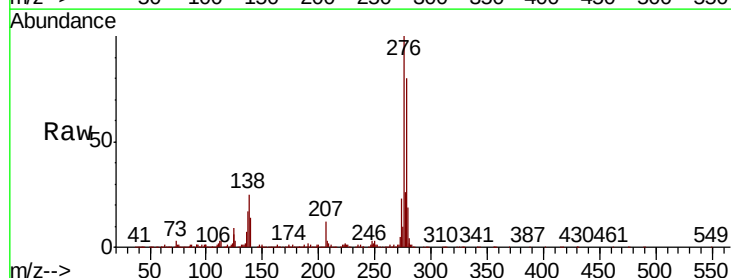
Tgt Ion:276 Resp: 3235003

Ion Ratio Lower Upper

276 100

138 25.5 20.2 30.4

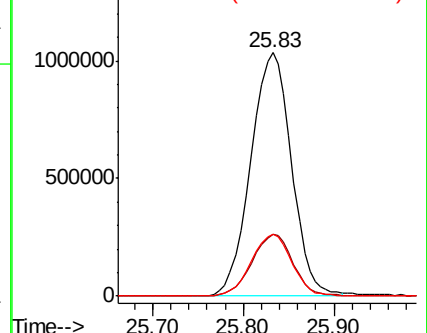
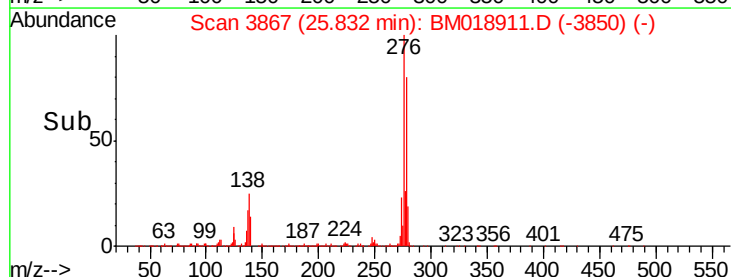
277 25.3 20.3 30.5

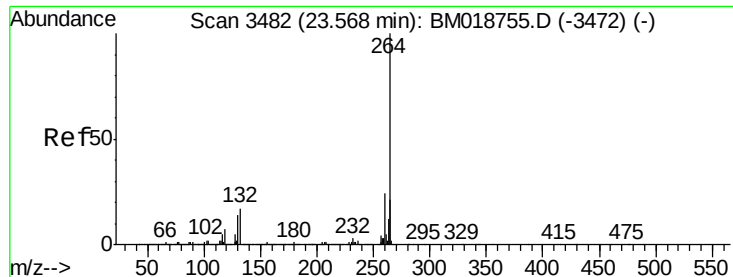


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.55 min Scan# 3479

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

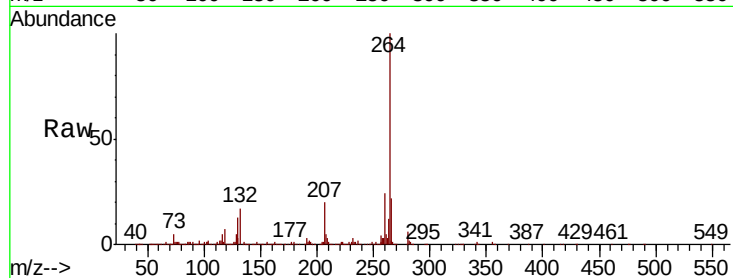
Tot Ion:264 Resp: 1109031

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.7	17.3	25.9

264 100

260 23.9 18.9 28.3

265 21.7 17.3 25.9

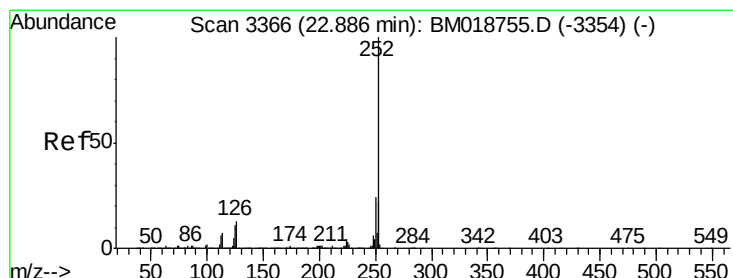
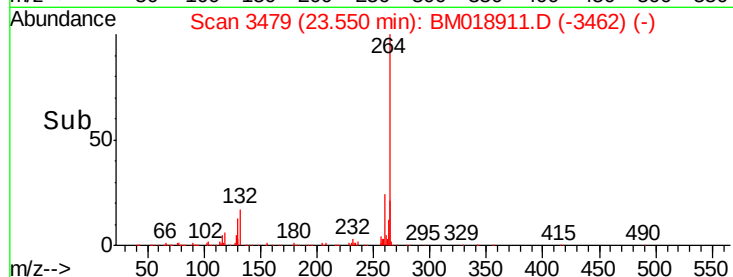
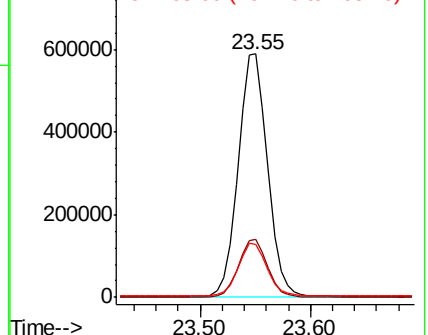


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.525 ng

RT: 22.87 min Scan# 3363

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

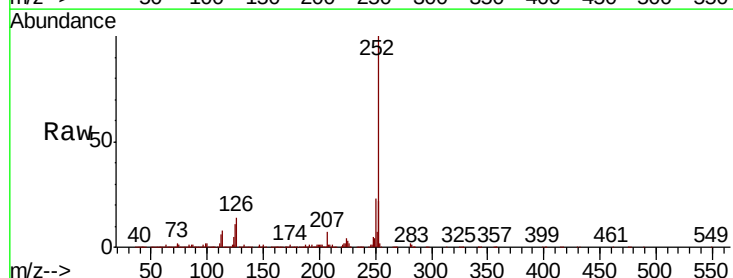
Tgt Ion:252 Resp: 3079032

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.9	8.6	12.8

252 100

253 22.0 17.8 26.6

125 10.9 8.6 12.8

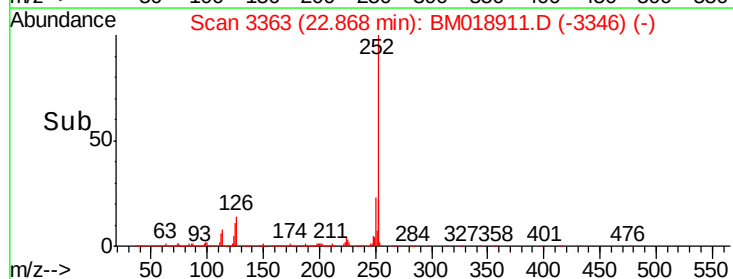
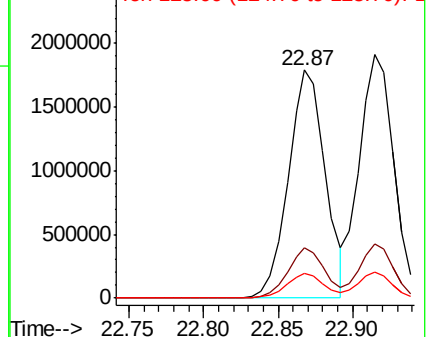


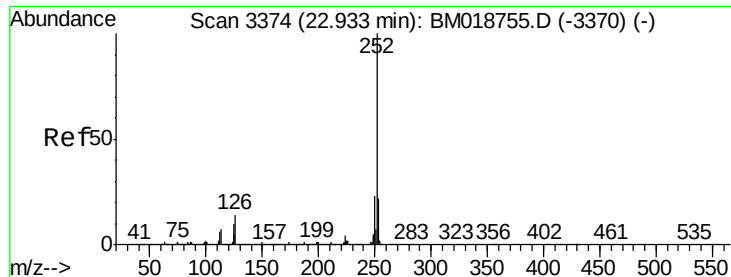
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.333 ng

RT: 22.91 min Scan# 3371

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

BNA_M

ClientSampleId :

PB117339BS

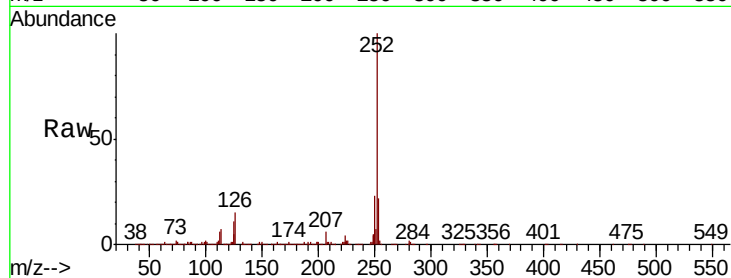
Tot Ion:252 Resp: 3053202

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.7 8.2 12.4

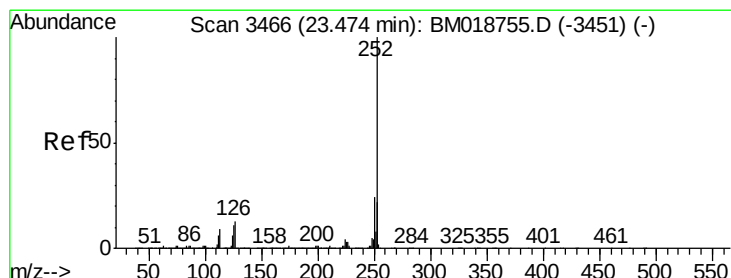
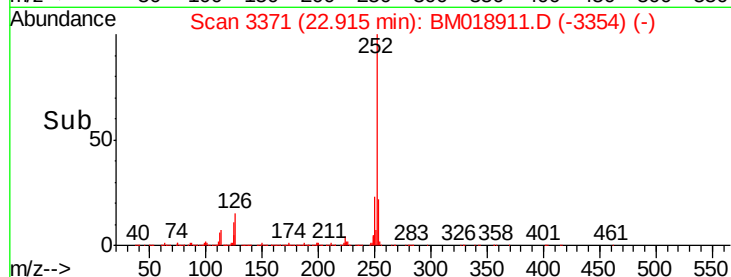
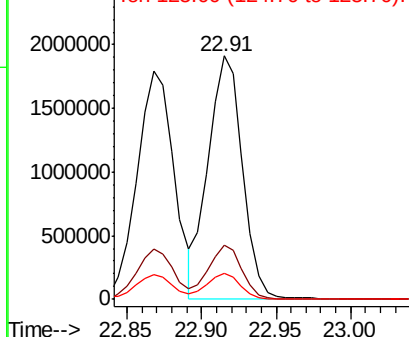


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.899 ng

RT: 23.45 min Scan# 3462

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

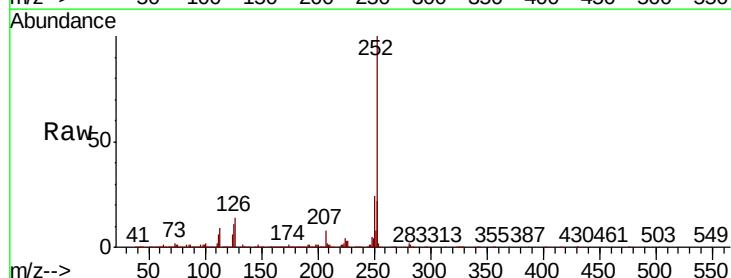
Tgt Ion:252 Resp: 2879151

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 11.2 8.6 13.0

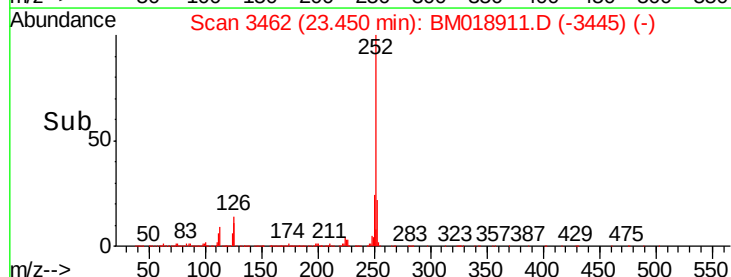
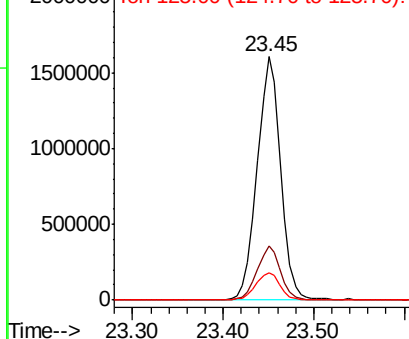


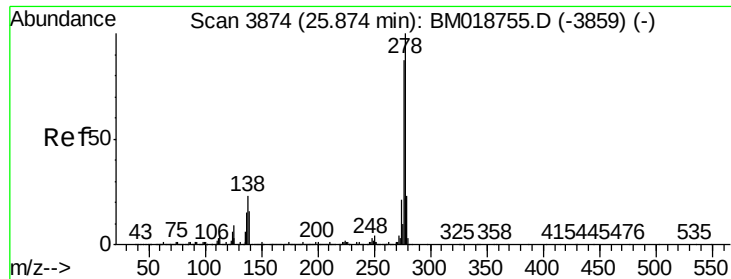
Abundance

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: 46.209 ng

RT: 25.84 min Scan# 3869

Delta R.T. -0.00 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Instrument :

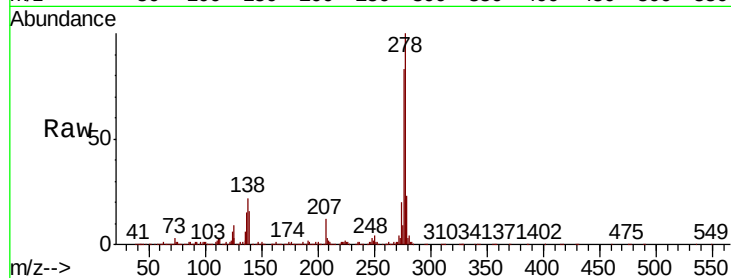
BNA_M

ClientSampleId :

PB117339BS

Tot Ion:278 Resp: 2751903

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.6	18.8
279	23.1	18.6	28.0

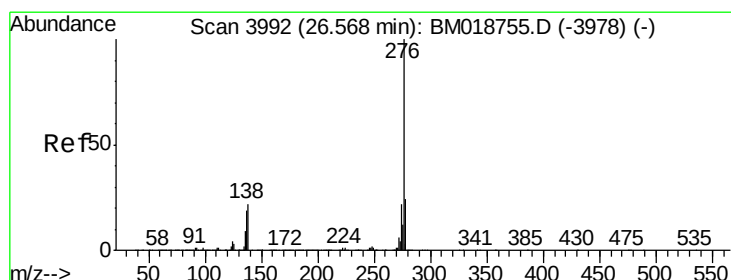
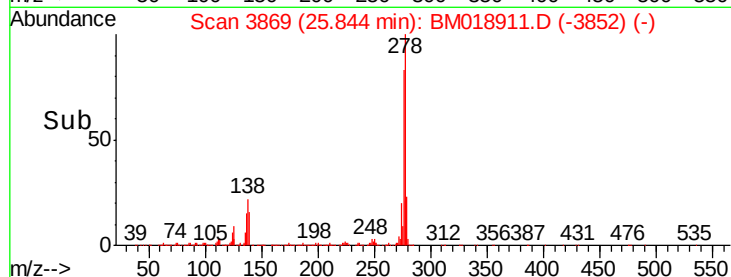
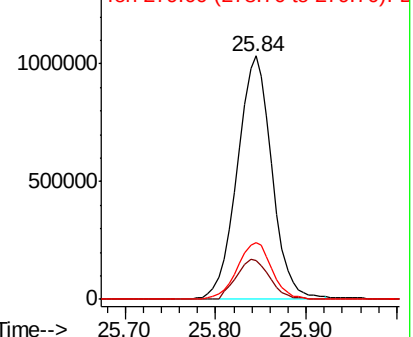


Abundance

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: 47.406 ng

RT: 26.53 min Scan# 3986

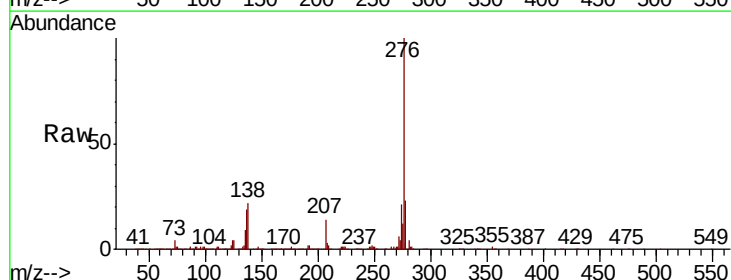
Delta R.T. -0.01 min

Lab File: BM018911.D

Acq: 25 Feb 2019 12:16

Tgt Ion:276 Resp: 2628278

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	22.5	17.3	25.9



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

