

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018470.D
 Acq On : 09 Jan 2019 12:39
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM010919

Quant Time: Jan 10 05:36:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 12:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	343858	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	1392943	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	791975	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1810428	20.00	ng	0.00
76) Chrysene-d12	21.36	240	1941676	20.00	ng	0.00
87) Perylene-d12	23.64	264	1968736	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1552409	83.36	ng	0.00
7) Phenol-d6	6.94	99	1979927	83.71	ng	0.00
23) Nitrobenzene-d5	8.93	82	1947845	81.06	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	855385	84.83	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	4843261	79.80	ng	0.00
79) Terphenyl-d14	19.79	244	7734509	83.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	305417	40.240	ng	96
3) Pyridine	3.69	79	804528	42.516	ng	97
4) n-Nitrosodimethylamine	3.60	42	326145	41.681	ng	# 95
6) Aniline	7.10	93	1113114	42.189	ng	99
8) 2-Chlorophenol	7.33	128	899534	41.359	ng	94
9) Benzaldehyde	6.92	77	565254	42.180	ng	98
10) Phenol	6.96	94	997697	41.511	ng	97
11) bis(2-Chloroethyl)ether	7.20	93	792461	41.962	ng	94
12) 1,3-Dichlorobenzene	7.65	146	1057576	40.831	ng	99
13) 1,4-Dichlorobenzene	7.80	146	1065950	40.604	ng	100
14) 1,2-Dichlorobenzene	8.11	146	1022532	41.077	ng	100
15) Benzyl Alcohol	8.01	79	722641	42.301	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	980728	40.636	ng	94
17) 2-Methylphenol	8.21	107	689379	42.255	ng	98
18) Hexachloroethane	8.83	117	379664	40.561	ng	94
19) n-Nitroso-di-n-propylamine	8.57	70	643163	41.784	ng	94
20) 3+4-Methylphenols	8.53	107	958412	42.554	ng	100
22) Acetophenone	8.59	105	1382085	40.109	ng	# 97
24) Nitrobenzene	8.97	77	948094	40.102	ng	96
25) Isophorone	9.49	82	1516442	41.677	ng	98
26) 2-Nitrophenol	9.67	139	497771	43.543	ng	98
27) 2,4-Dimethylphenol	9.73	122	703460	41.054	ng	99
28) bis(2-Chloroethoxy)methane	9.97	93	1014202	40.349	ng	100
29) 2,4-Dichlorophenol	10.21	162	859564	42.128	ng	99
30) 1,2,4-Trichlorobenzene	10.42	180	1001737	39.555	ng	98
31) Naphthalene	10.60	128	2668623	39.780	ng	99
32) Benzoic acid	9.86	122	393103	35.960	ng	97
33) 4-Chloroaniline	10.73	127	1087534	41.164	ng	99
34) Hexachlorobutadiene	10.87	225	633634	39.603	ng	98
35) Caprolactam	11.52	113	291046	41.955	ng	92
36) 4-Chloro-3-methylphenol	11.85	107	905209	42.288	ng	99
37) 2-Methylnaphthalene	12.22	142	1900254	40.092	ng	99
38) 1-Methylnaphthalene	12.44	142	1845705	40.246	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1107393	39.985	ng	99

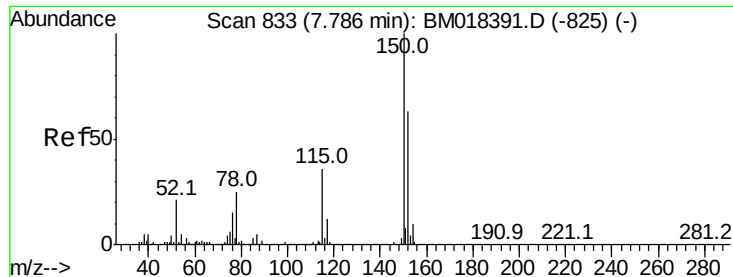
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	620978	40.854	ng	98
43) 2,4,6-Trichlorophenol	12.83	196	707901	42.092	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	750574	42.435	ng	98
46) 1,1'-Biphenyl	13.24	154	2755980	39.854	ng	99
47) 2-Chloronaphthalene	13.28	162	2130517	39.731	ng	100
48) 2-Nitroaniline	13.50	65	565009	42.827	ng	93
49) Acenaphthylene	14.13	152	3180301	40.696	ng	100
50) Dimethylphthalate	13.87	163	2640477	40.596	ng	99
51) 2,6-Dinitrotoluene	14.00	165	580160	42.109	ng	96
52) Acenaphthene	14.47	154	1920907	40.174	ng	99
53) 3-Nitroaniline	14.33	138	585787	42.173	ng	95
54) 2,4-Dinitrophenol	14.53	184	266056	39.662	ng	91
55) Dibenzofuran	14.81	168	3152815	39.907	ng	98
56) 4-Nitrophenol	14.65	139	506022	42.170	ng	93
57) 2,4-Dinitrotoluene	14.78	165	800631	41.071	ng	99
58) Fluorene	15.46	166	2382449	40.482	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	653286	41.669	ng	98
60) Diethylphthalate	15.24	149	2696737	41.070	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	1362831	40.178	ng	100
62) 4-Nitroaniline	15.50	138	637845	42.100	ng	99
63) Azobenzene	15.75	77	2208636	41.256	ng	98
65) 4,6-Dinitro-2-methylphenol	15.54	198	447607	39.824	ng	91
66) n-Nitrosodiphenylamine	15.67	169	2275298	40.516	ng	99
67) 4-Bromophenyl-phenylether	16.35	248	811507	40.055	ng	96
68) Hexachlorobenzene	16.46	284	894631	39.445	ng	99
69) Atrazine	16.63	200	852466	41.989	ng	99
70) Pentachlorophenol	16.80	266	618602	41.646	ng	99
71) Phenanthrene	17.20	178	3863484	40.121	ng	99
72) Anthracene	17.29	178	3791109	40.941	ng	100
73) Carbazole	17.57	167	3900291	40.997	ng	100
74) Di-n-butylphthalate	18.13	149	4436255	42.571	ng	100
75) Fluoranthene	19.22	202	4523039	40.740	ng	98
77) Benzidine	19.42	184	1915370	39.951	ng	100
78) Pyrene	19.59	202	4749527	41.267	ng	99
80) Butylbenzylphthalate	20.49	149	2049675	41.735	ng	95
81) Benzo(a)anthracene	21.34	228	4605788	40.265	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	1825407	42.201	ng	99
83) Chrysene	21.39	228	4476641	40.528	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	2951313	41.616	ng	100
85) Di-n-octyl phthalate	22.16	149	4941538	41.429	ng	# 95
86) Indeno(1,2,3-cd)pyrene	25.96	276	5203472	40.853	ng	97
88) Benzo(b)fluoranthene	22.95	252	4637332	41.490	ng	98
89) Benzo(k)fluoranthene	23.00	252	4476208	39.739	ng	98
90) Benzo(a)pyrene	23.54	252	4365144	40.794	ng	98
91) Dibenzo(a,h)anthracene	25.98	278	4384324	40.438	ng	98
92) Benzo(g,h,i)perylene	26.68	276	4275696	40.525	ng	98

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

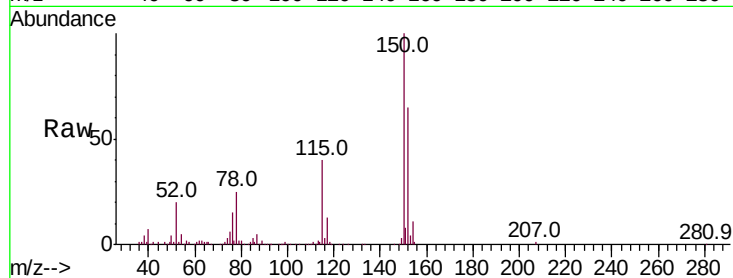


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.9	190.3
115	61.2	45.5	68.3

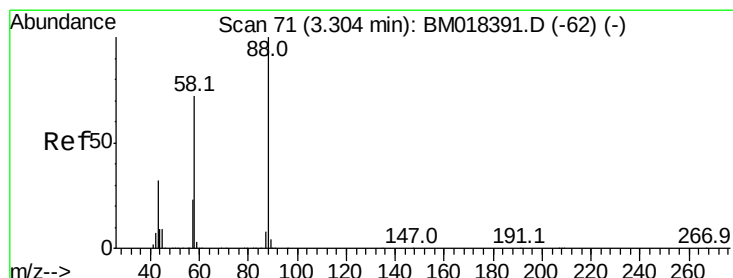
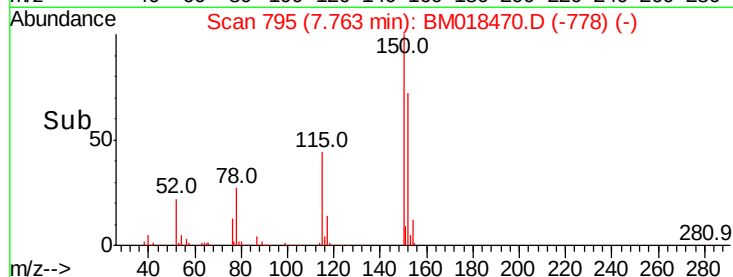
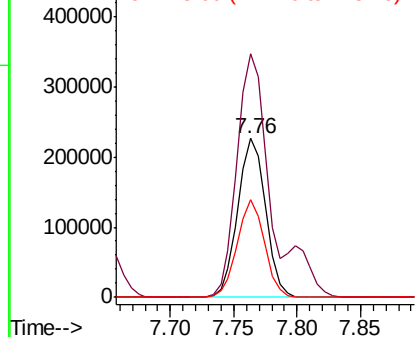


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

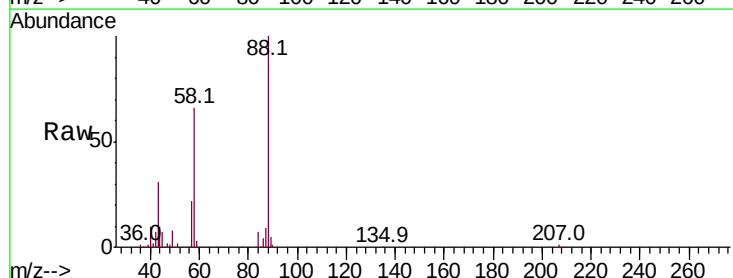
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.240 ng
RT: 3.29 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	58.4	87.6
43	31.8	26.2	39.4

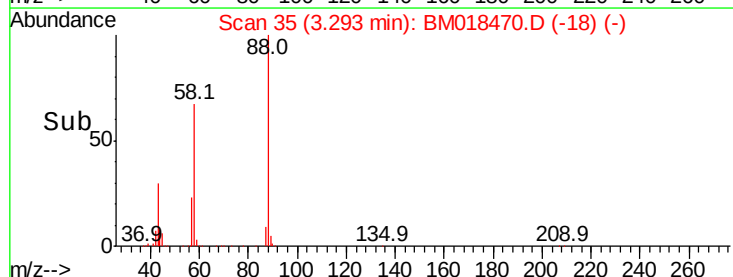
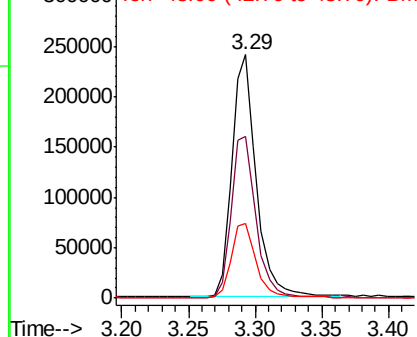


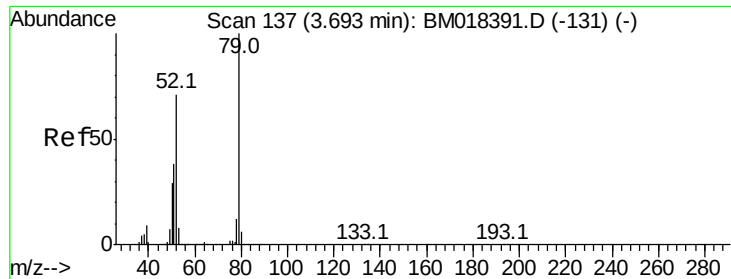
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 42.516 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.02 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

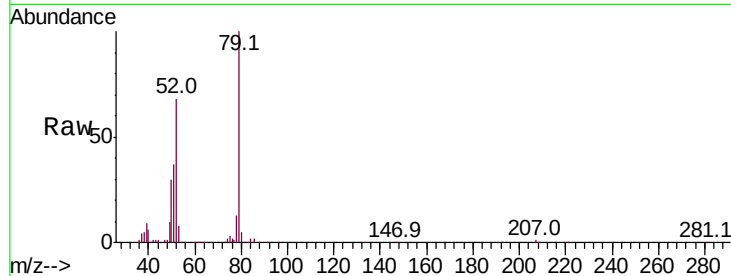
Tot Ion: 79 Resp: 804528

Ion Ratio Lower Upper

79 100

52 67.9 56.4 84.6

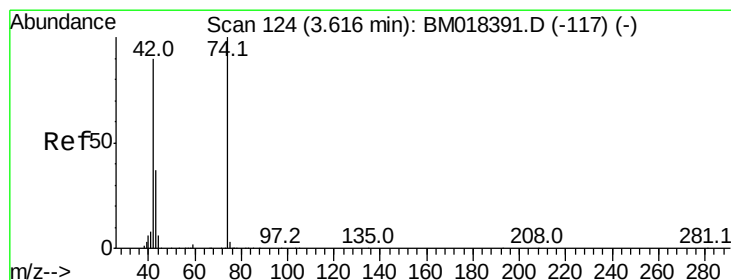
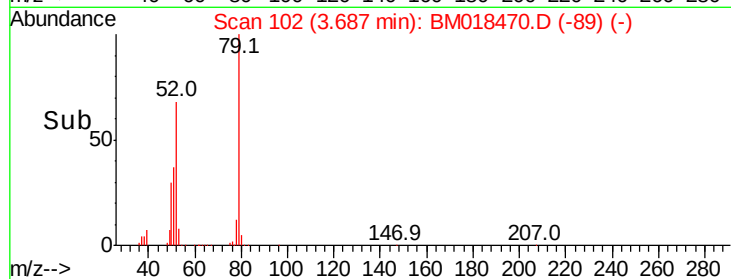
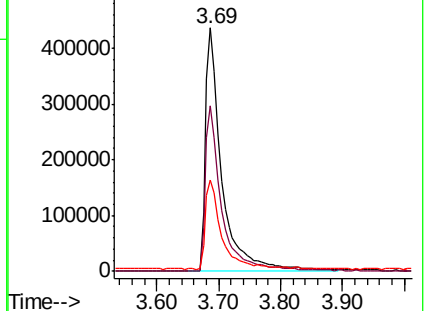
51 37.5 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018391.D (-131) (-)

Ion 52.00 (51.70 to 52.70): BM018391.D (-131) (-)

Ion 51.00 (50.70 to 51.70): BM018391.D (-131) (-)



#4

n-Nitrosodimethylamine

Concen: 41.681 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.02 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

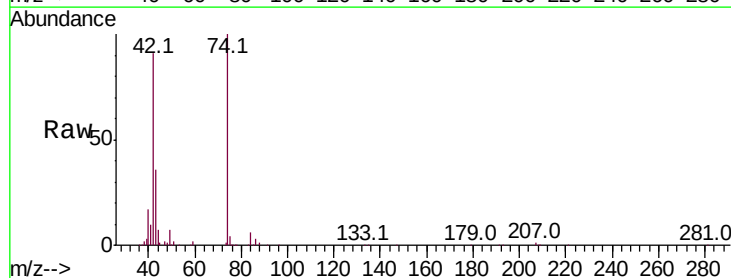
Tgt Ion: 42 Resp: 326145

Ion Ratio Lower Upper

42 100

74 109.8 88.6 132.8

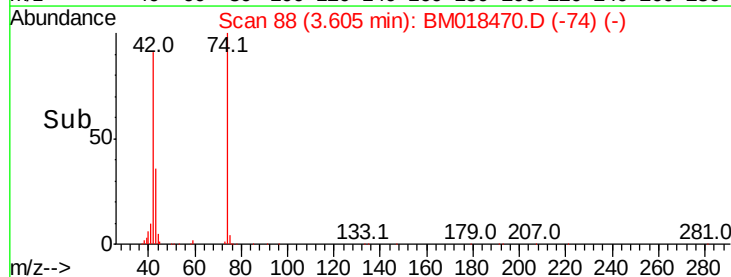
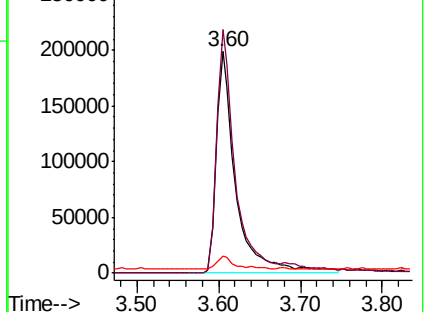
44 7.8 16.9 25.3#

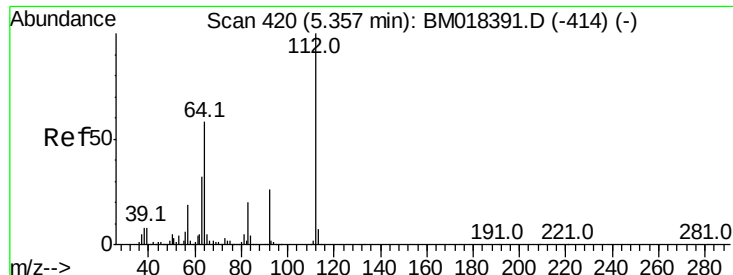


Abundance Ion 42.00 (41.70 to 42.70): BM018391.D (-117) (-)

Ion 74.00 (73.70 to 74.70): BM018391.D (-117) (-)

Ion 44.00 (43.70 to 44.70): BM018391.D (-117) (-)





#5

2-Fluorophenol

Concen: 83.363 ng

RT: 5.35 min Scan# 385

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

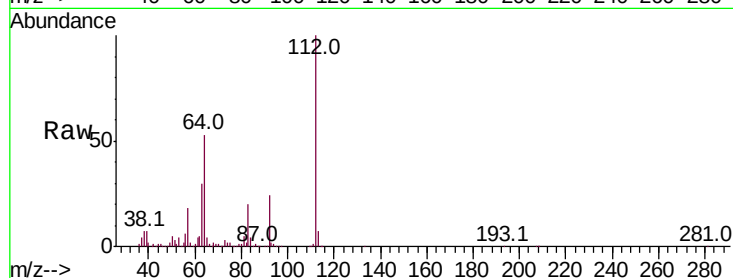
BNA_M

ClientSampleId :

ICVBM010919

Tot Ion:112 Resp: 1552409

Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.5	69.7
63	29.8	25.2	37.8

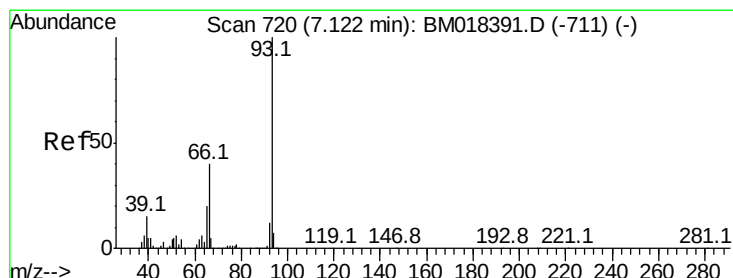
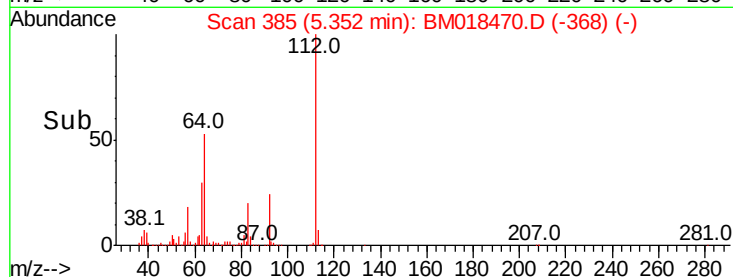


Abundance Ion 112.00 (111.70 to 112.70): E

1500000

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 42.189 ng

RT: 7.10 min Scan# 683

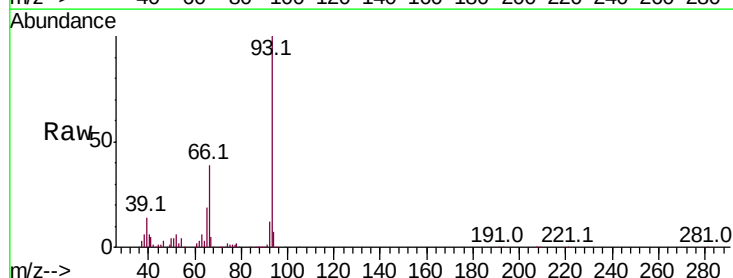
Delta R.T. -0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Tgt Ion: 93 Resp: 1113114

Ion	Ratio	Lower	Upper
93	100		
66	39.1	31.7	47.5
65	19.2	15.9	23.9

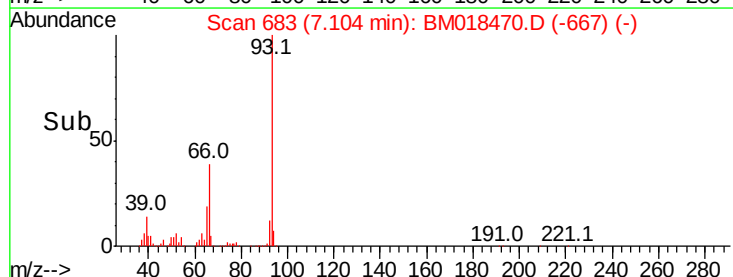


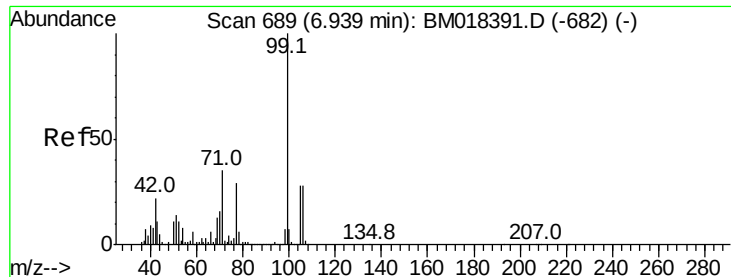
Abundance Ion 93.00 (92.70 to 93.70): BM

800000

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 83.709 ng

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

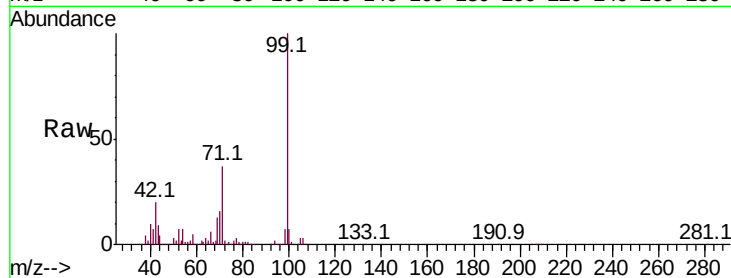
BNA_M

ClientSampleId :

ICVBM010919

Tot Ion: 99 Resp: 1979927

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.3	25.9
71	37.0	28.0	42.0

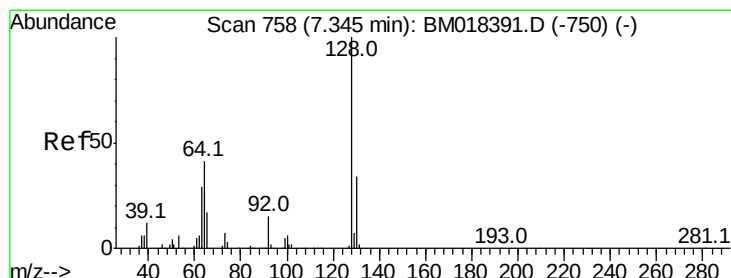
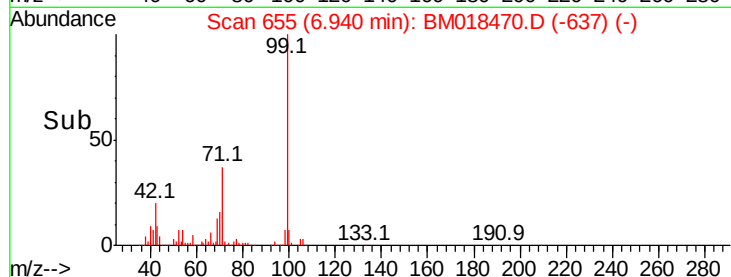
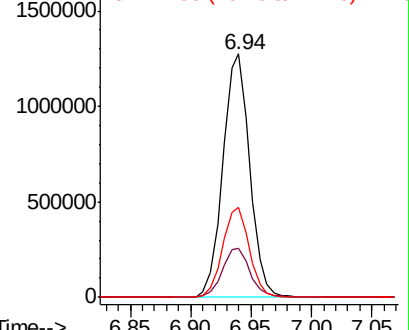


Abundance

Ion 99.00 (98.70 to 99.70): BM018391.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018391.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018391.D (-682) (-)



#8

2-Chlorophenol

Concen: 41.359 ng

RT: 7.33 min Scan# 722

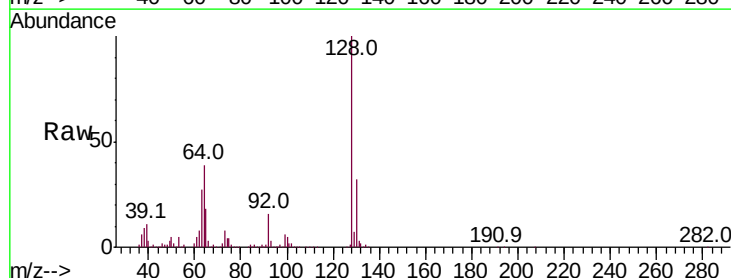
Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Tgt Ion: 128 Resp: 899534

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.6	53.6
64	39.2	24.8	64.8

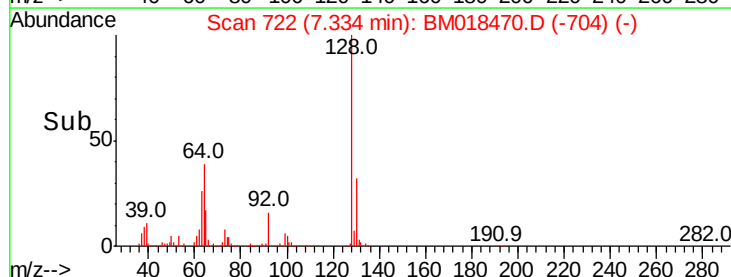
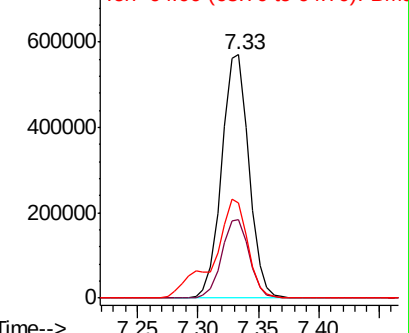


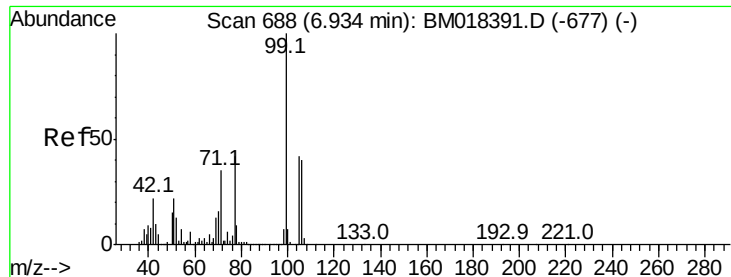
Abundance

Ion 128.00 (127.70 to 128.70): BM018391.D (-750) (-)

Ion 130.00 (129.70 to 130.70): BM018391.D (-750) (-)

Ion 64.00 (63.70 to 64.70): BM018391.D (-750) (-)





#9

Benzaldehyde

Concen: 42.180 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

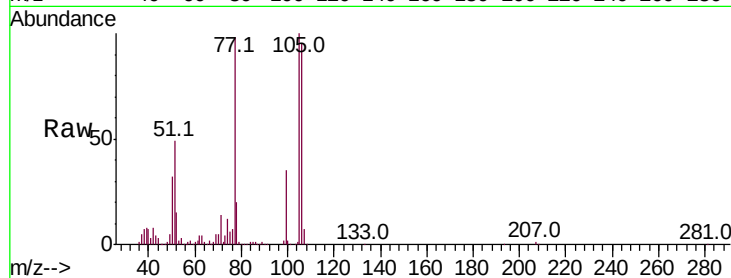
Tot Ion: 77 Resp: 565254

Ion Ratio Lower Upper

77 100

105 102.0 79.7 119.7

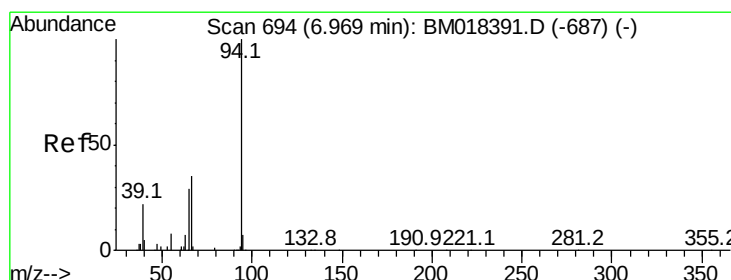
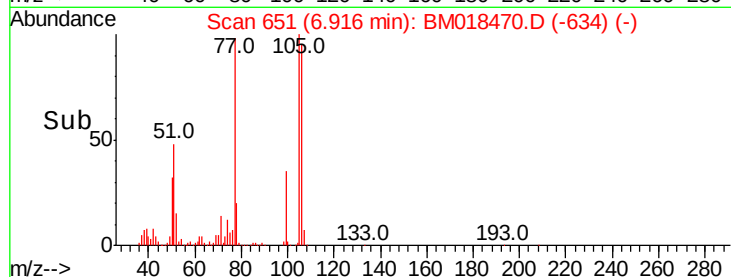
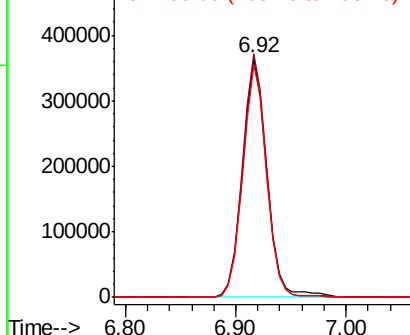
106 97.2 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018470.D (-651) (-)

Ion 105.00 (104.70 to 105.70): BM018470.D (-651) (-)

Ion 106.00 (105.70 to 106.70): BM018470.D (-651) (-)



#10

Phenol

Concen: 41.511 ng

RT: 6.96 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

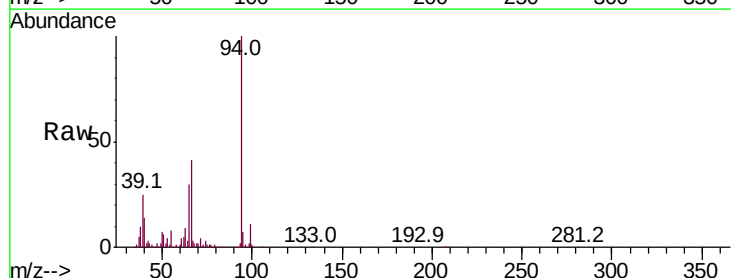
Tgt Ion: 94 Resp: 997697

Ion Ratio Lower Upper

94 100

65 30.4 9.4 49.4

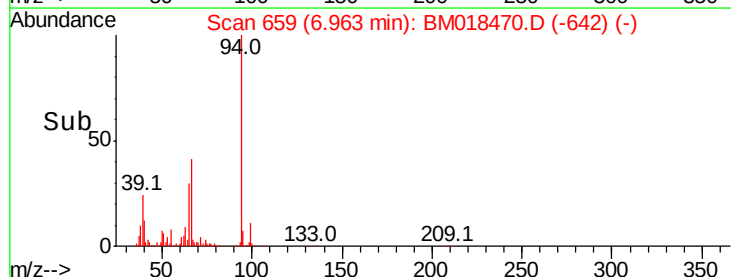
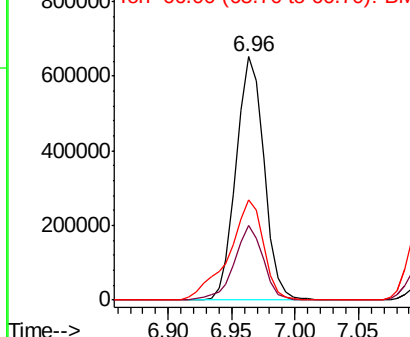
66 41.4 19.1 59.1

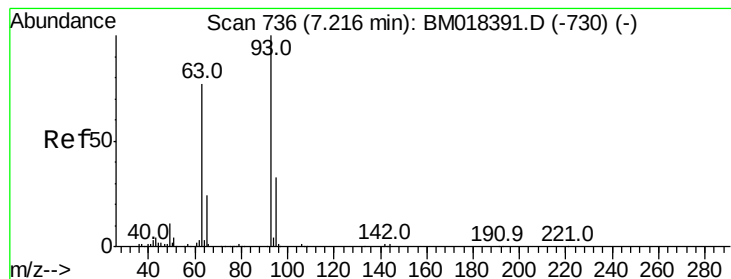


Abundance Ion 94.00 (93.70 to 94.70): BM018470.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BM018470.D (-659) (-)

Ion 66.00 (65.70 to 66.70): BM018470.D (-659) (-)





#11

bis(2-Chloroethyl)ether

Concen: 41.962 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

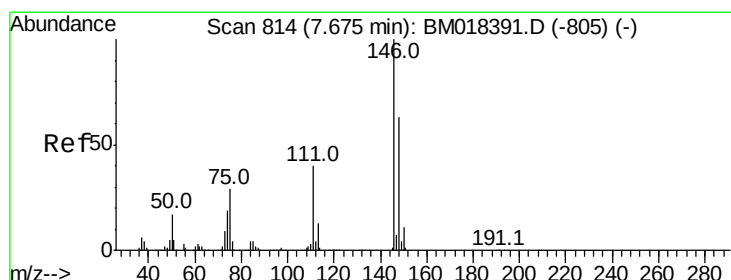
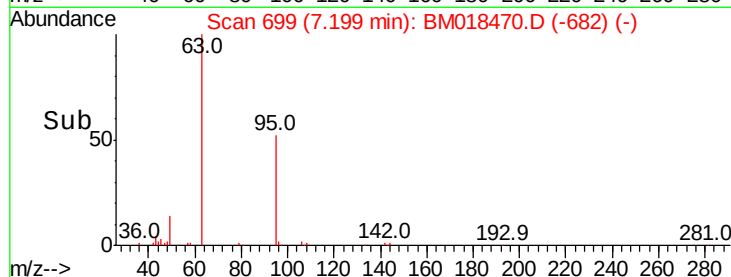
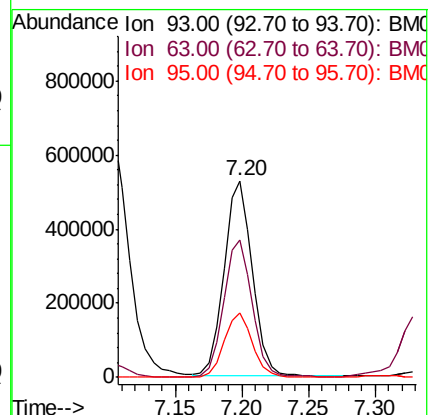
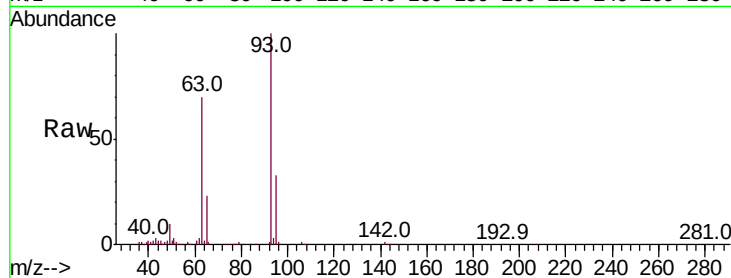
Tot Ion: 93 Resp: 792461

Ion Ratio Lower Upper

93 100

63 69.6 56.4 96.4

95 33.0 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 40.831 ng

RT: 7.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

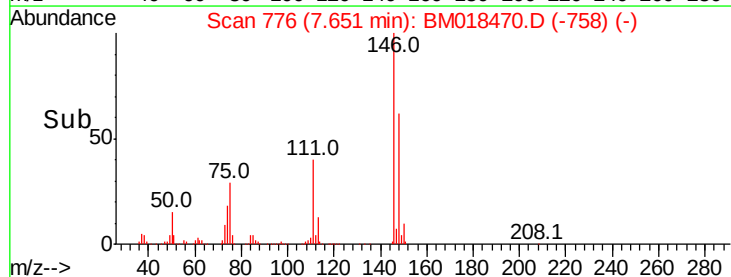
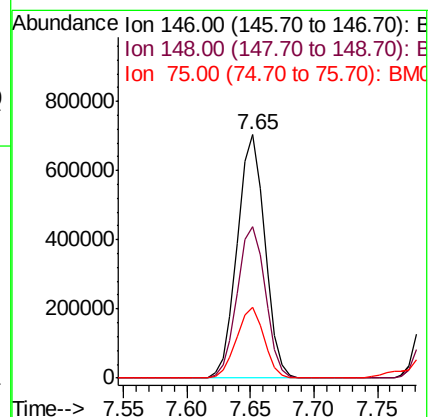
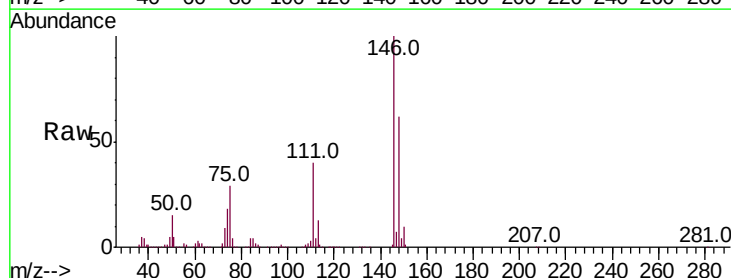
Tgt Ion: 146 Resp: 1057576

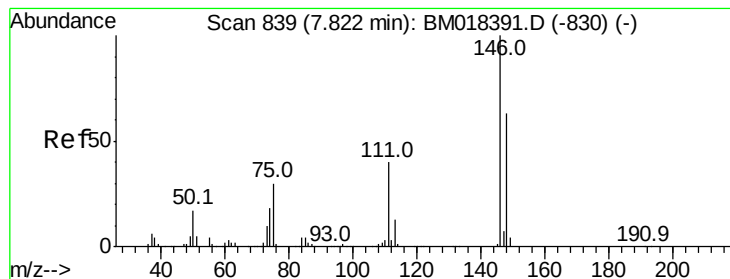
Ion Ratio Lower Upper

146 100

148 62.1 50.5 75.7

75 29.0 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 40.604 ng

RT: 7.80 min Scan# 801

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

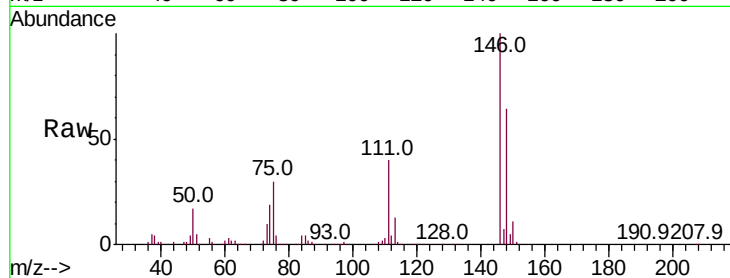
Tot Ion:146 Resp: 1065950

Ion Ratio Lower Upper

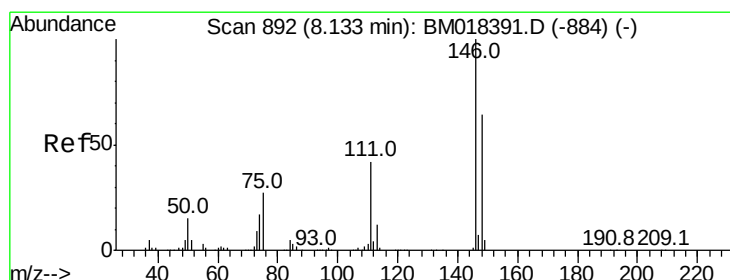
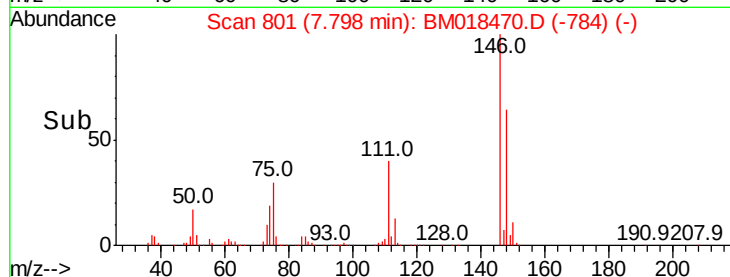
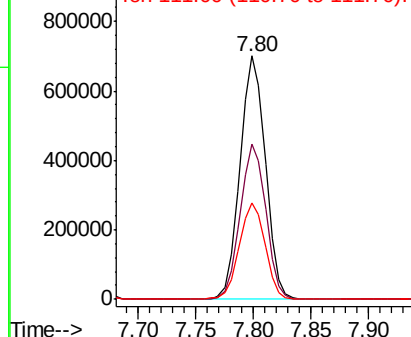
146 100

148 63.8 50.8 76.2

111 39.8 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.077 ng

RT: 8.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

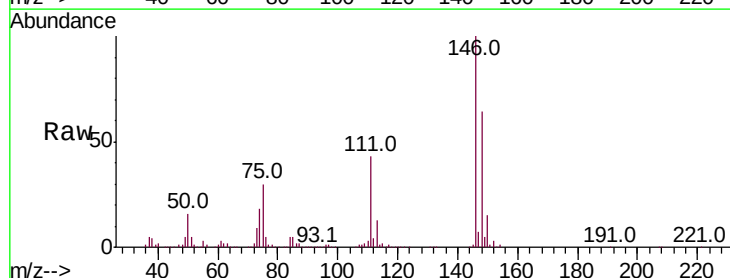
Tgt Ion:146 Resp: 1022532

Ion Ratio Lower Upper

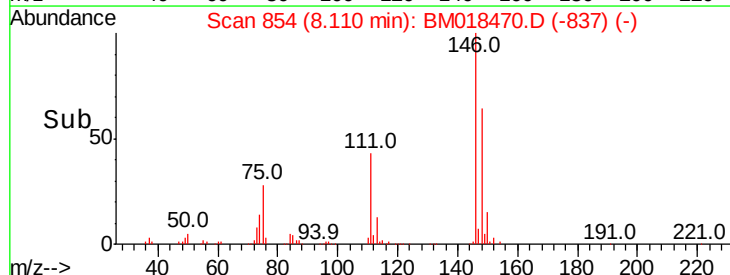
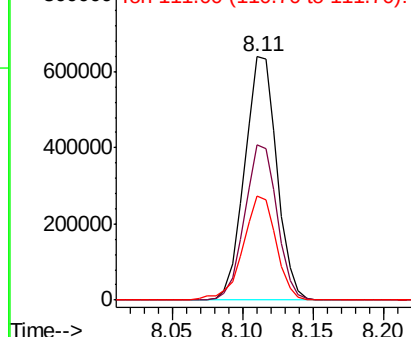
146 100

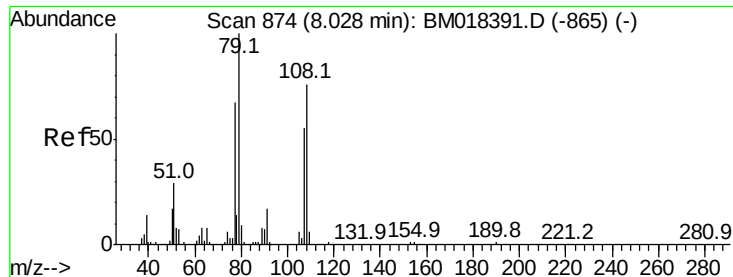
148 63.9 51.0 76.6

111 42.7 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.301 ng

RT: 8.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

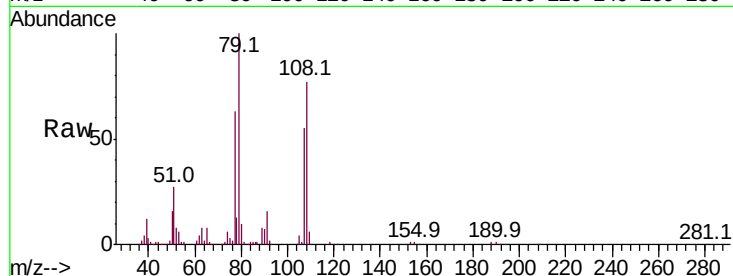
Tot Ion: 79 Resp: 722641

Ion Ratio Lower Upper

79 100

108 77.0 60.4 90.6

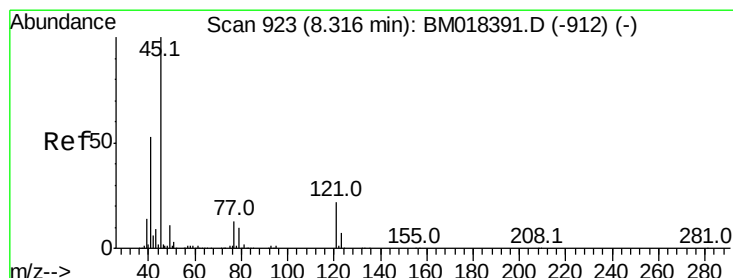
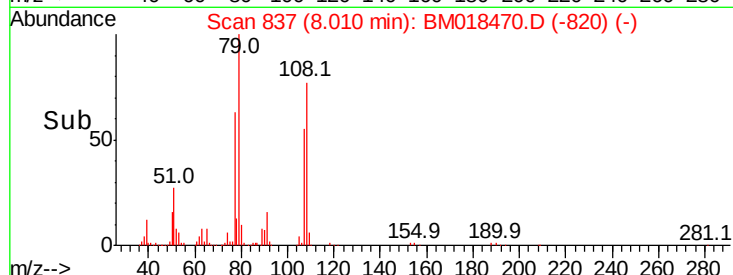
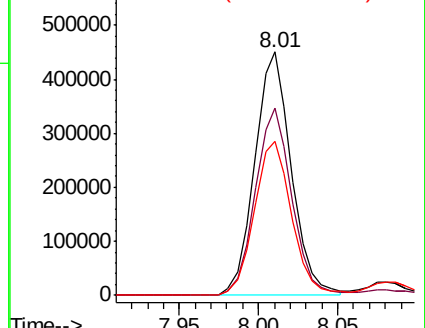
77 63.3 53.4 80.2



Abundance Ion 79.00 (78.70 to 79.70): BM018391.D (-865) (-)

Ion 108.00 (107.70 to 108.70): BM018391.D (-865) (-)

Ion 77.00 (76.70 to 77.70): BM018391.D (-865) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.636 ng

RT: 8.30 min Scan# 886

Delta R.T. 0.02 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

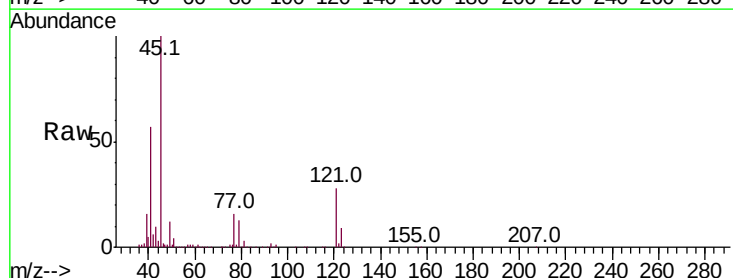
Tgt Ion: 45 Resp: 980728

Ion Ratio Lower Upper

45 100

77 15.9 0.0 33.4

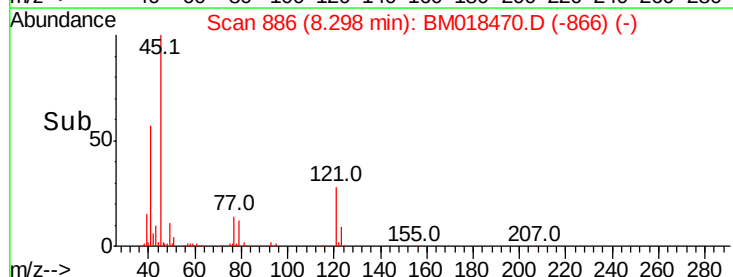
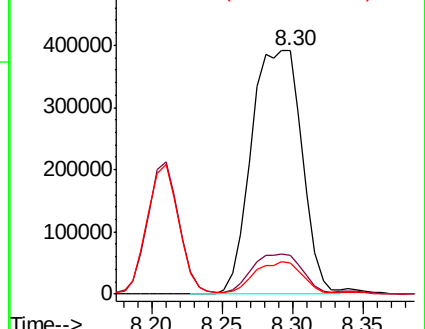
79 13.0 0.0 31.1

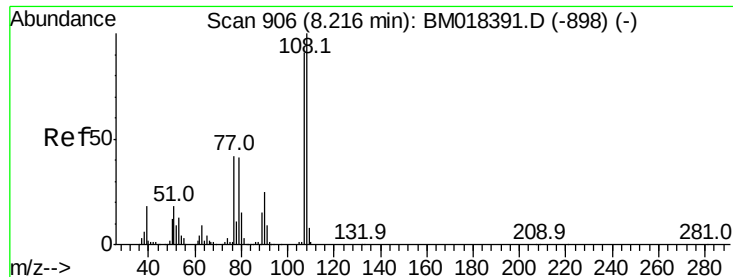


Abundance Ion 45.00 (44.70 to 45.70): BM018391.D (-912) (-)

Ion 77.00 (76.70 to 77.70): BM018391.D (-912) (-)

Ion 79.00 (78.70 to 79.70): BM018391.D (-912) (-)





#17

2-Methylphenol

Concen: 42.255 ng

RT: 8.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

Tot Ion:107 Resp: 689379

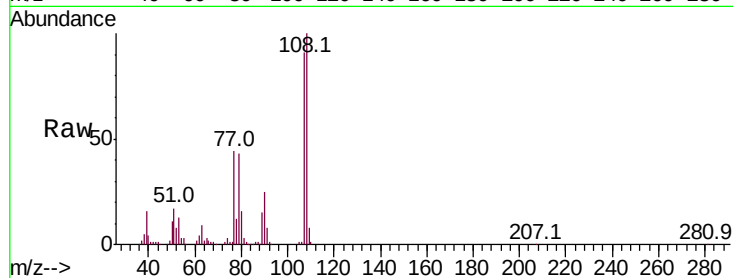
Ion Ratio Lower Upper

107 100

108 110.0 87.5 131.3

77 48.5 37.3 55.9

79 47.8 36.4 54.6

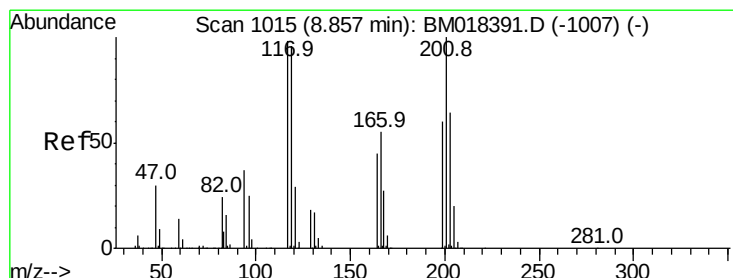
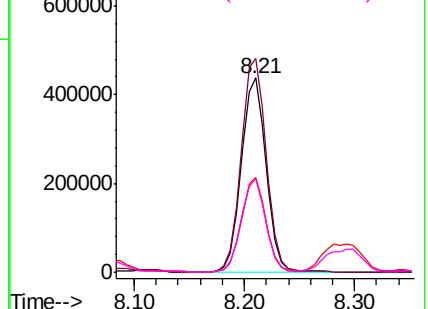
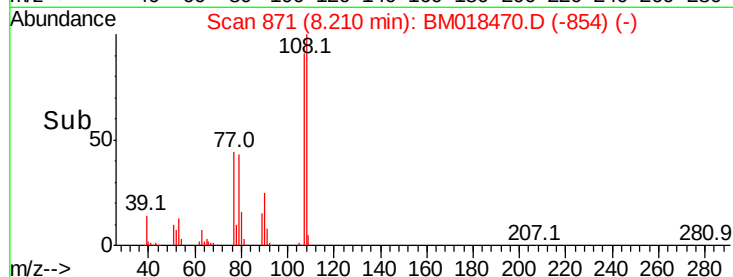


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.561 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

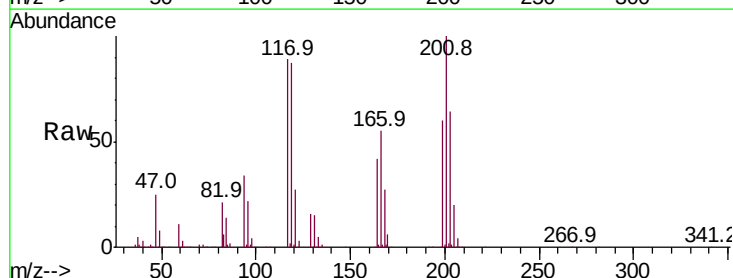
Tgt Ion:117 Resp: 379664

Ion Ratio Lower Upper

117 100

119 97.4 78.3 117.5

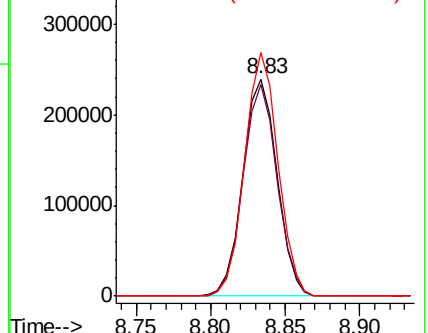
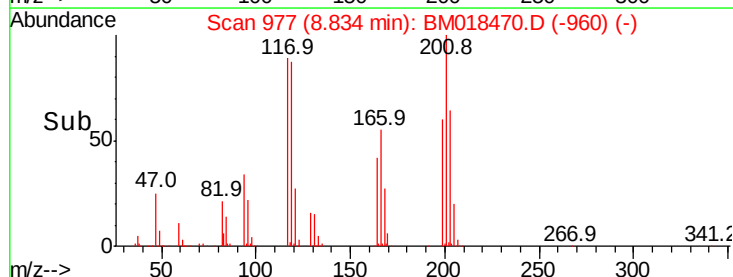
201 112.3 81.4 122.0

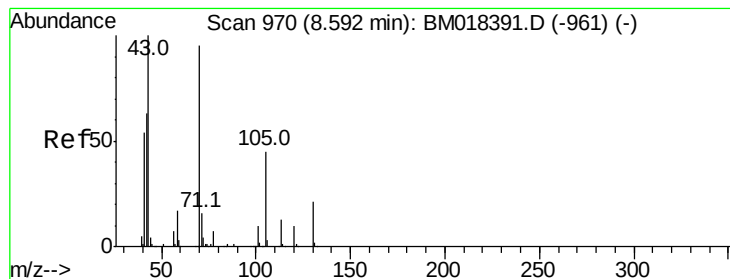


Abundance Ion 117.00 (116.70 to 117.70): E

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: 41.784 ng

RT: 8.57 min Scan# 932

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

Tot Ion: 70 Resp: 643163

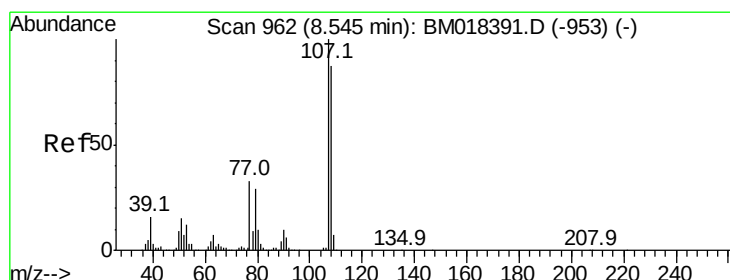
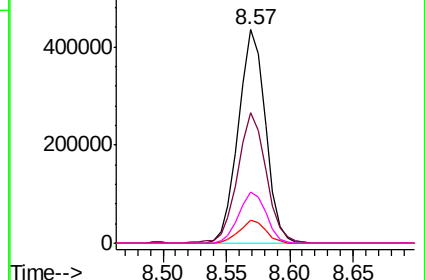
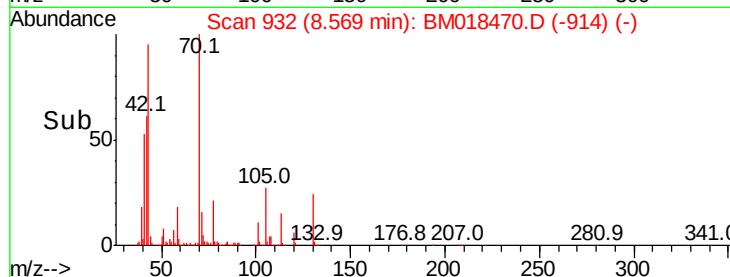
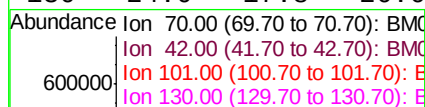
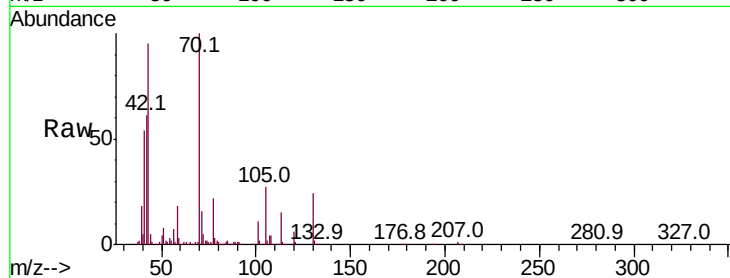
Ion Ratio Lower Upper

70 100

42 61.2 54.0 81.0

101 10.9 8.1 12.1

130 24.0 17.8 26.6



#20

3+4-Methylphenols

Concen: 42.554 ng

RT: 8.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Tgt Ion: 107 Resp: 958412

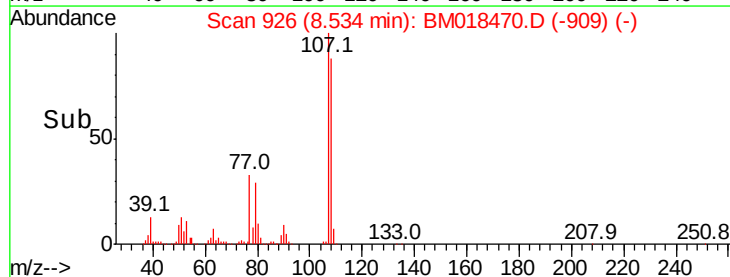
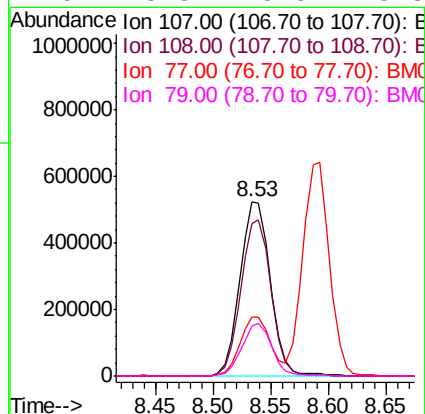
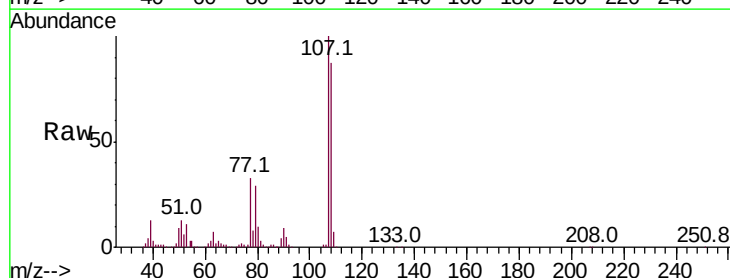
Ion Ratio Lower Upper

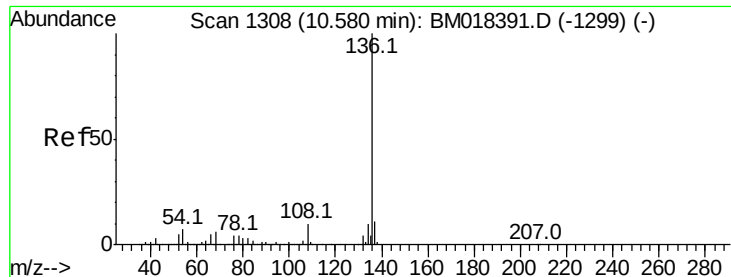
107 100

108 87.3 66.8 106.8

77 33.4 13.3 53.3

79 28.8 8.8 48.8

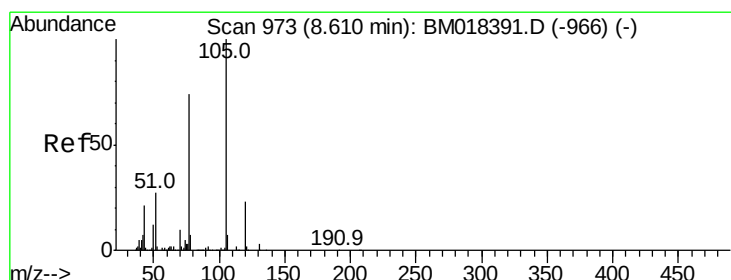
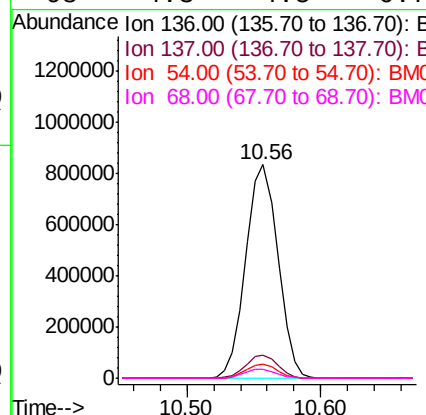
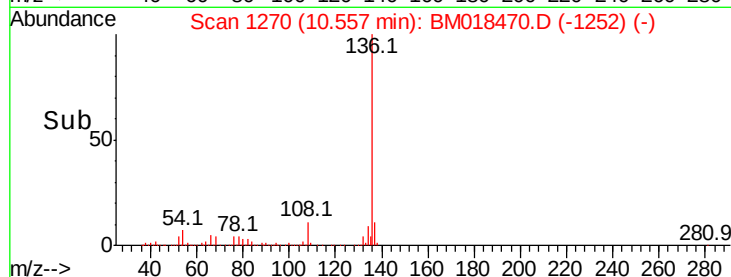
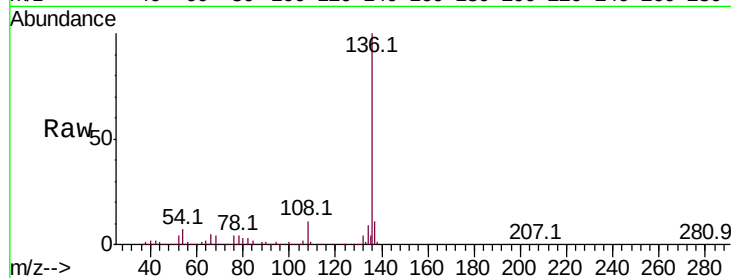




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

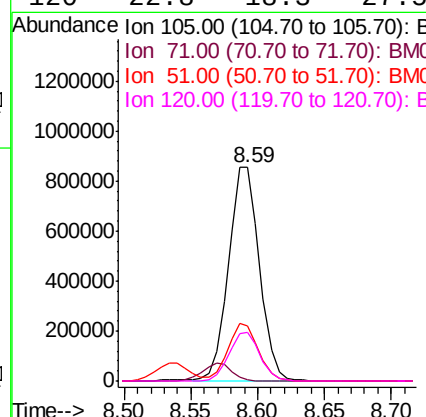
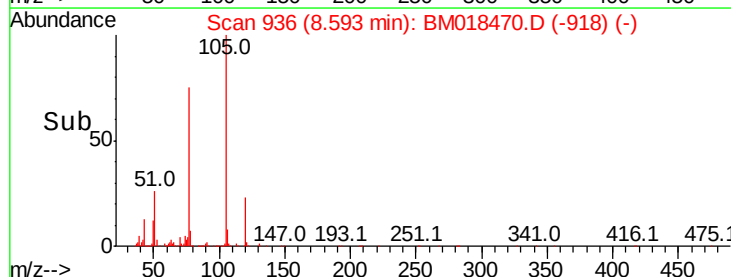
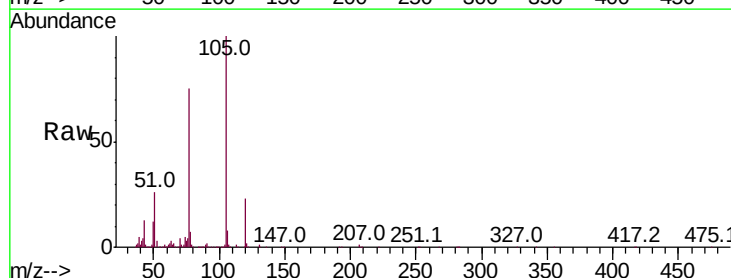
Instrument :
BNA_M
ClientSampleId :
ICVBM010919

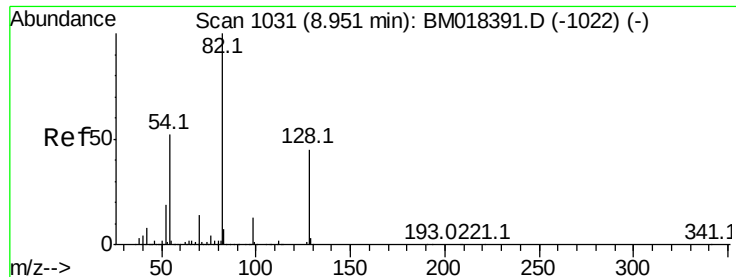
Tot Ion:136	Resp: 1392943
Ion Ratio	Lower Upper
136 100	
137 11.0	8.5 12.7
54 6.6	6.0 9.0
68 4.3	4.5 6.7#



#22
Acetophenone
Concen: 40.109 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt	Ion:105	Resp:	1382085
Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.7	2.5#
51	26.0	22.6	34.0
120	22.8	18.3	27.5

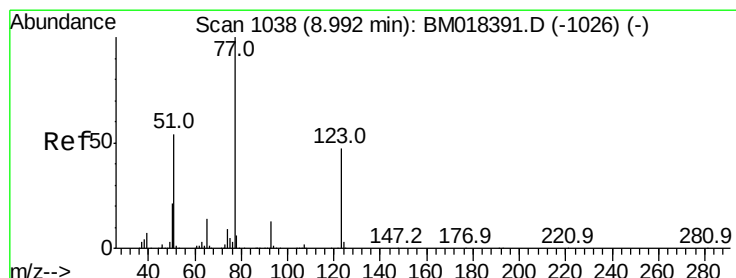
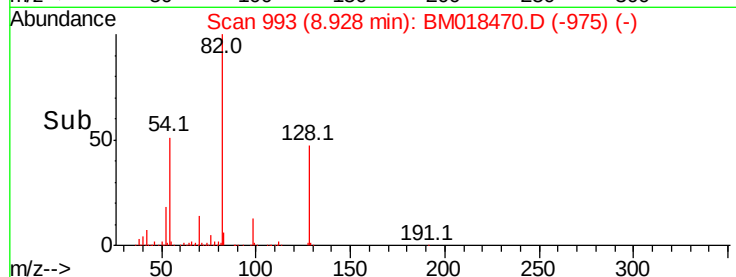
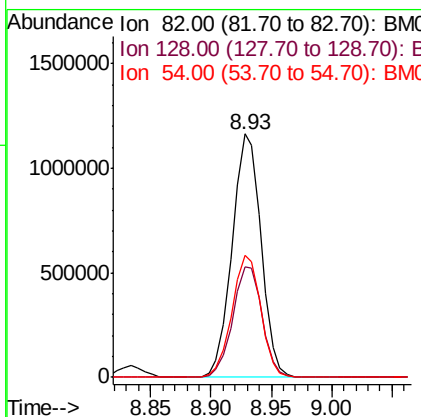
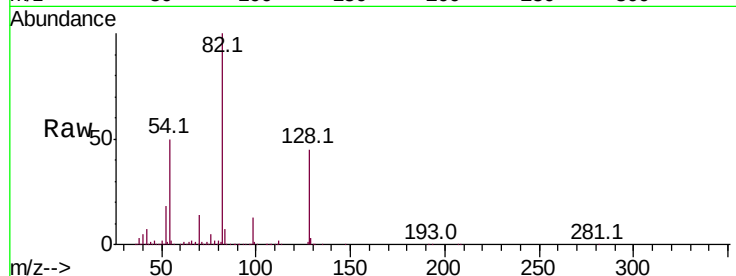




#23
Nitrobenzene-d5
Concen: 81.065 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

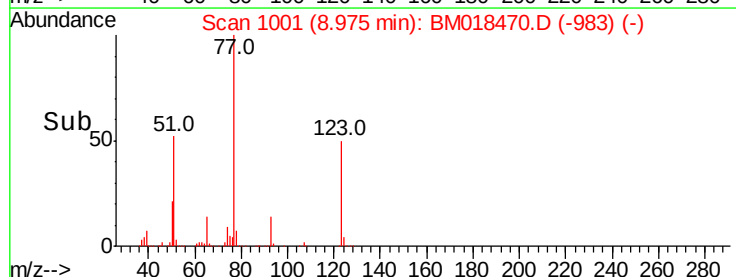
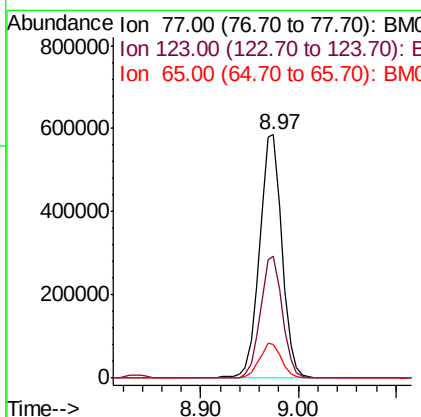
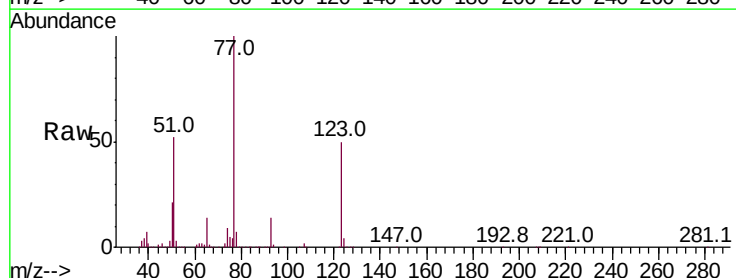
Instrument :
BNA_M
ClientSampleId :
ICVBM010919

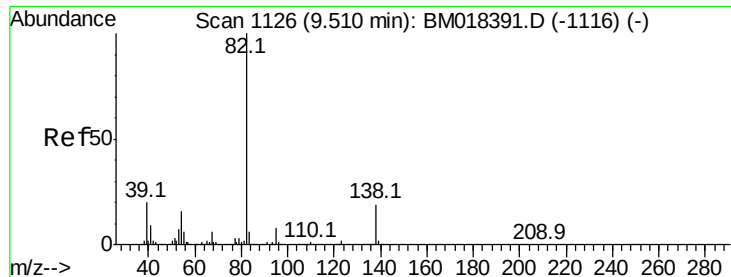
Tot Ion: 82 Resp: 1947845
Ion Ratio Lower Upper
82 100
128 45.3 36.3 54.5
54 49.9 41.7 62.5



#24
Nitrobenzene
Concen: 40.102 ng
RT: 8.97 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion: 77 Resp: 948094
Ion Ratio Lower Upper
77 100
123 50.4 37.7 56.5
65 13.7 11.0 16.6





#25

Isophorone

Concen: 41.677 ng

RT: 9.49 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

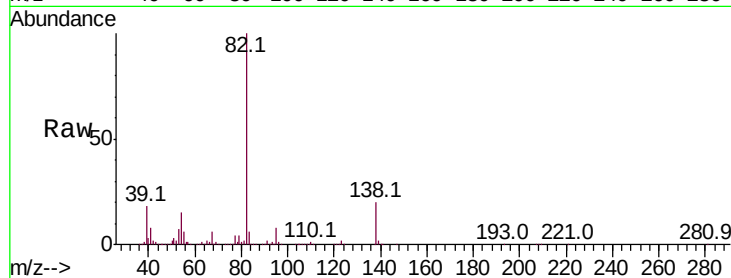
Tot Ion: 82 Resp: 1516442

Ion Ratio Lower Upper

82 100

95 8.0 6.1 9.1

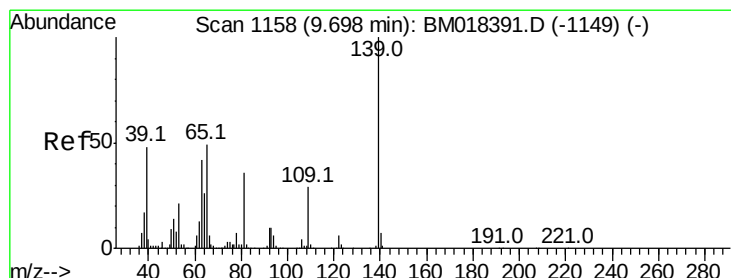
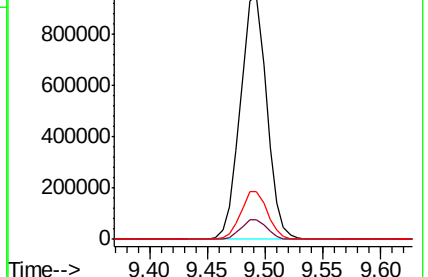
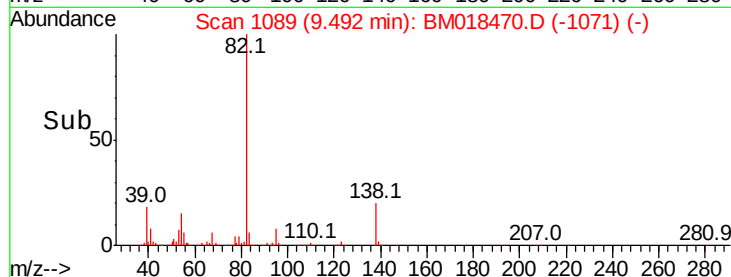
138 19.7 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018470.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018470.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018470.D (-1071) (-)



#26

2-Nitrophenol

Concen: 43.543 ng

RT: 9.67 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

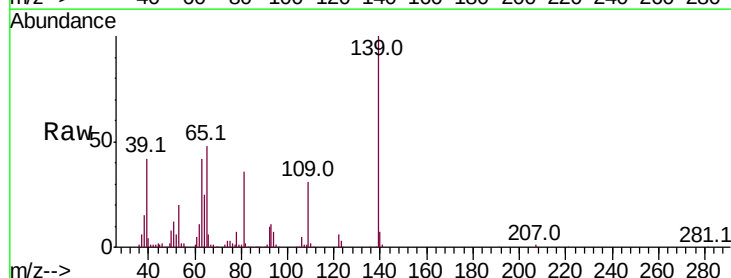
Tgt Ion: 139 Resp: 497771

Ion Ratio Lower Upper

139 100

109 30.9 23.4 35.2

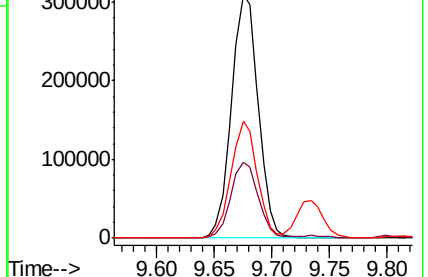
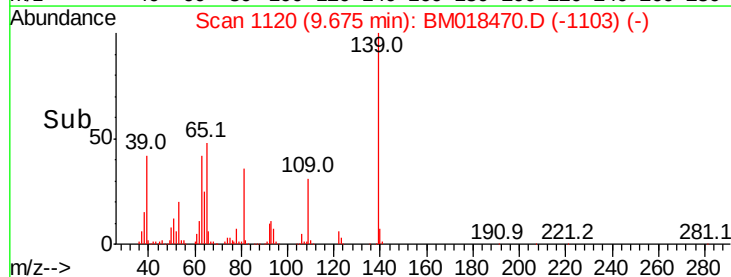
65 48.0 39.4 59.2

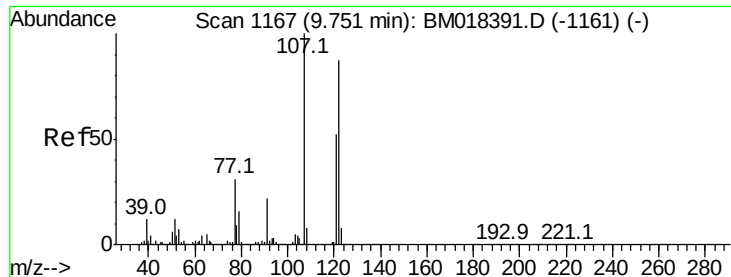


Abundance Ion 139.00 (138.70 to 139.70): BM018470.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BM018470.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BM018470.D (-1103) (-)





#27

2,4-Dimethylphenol

Concen: 41.054 ng

RT: 9.73 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

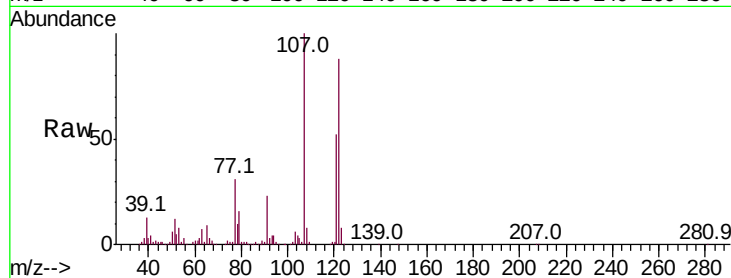
Tot Ion:122 Resp: 703460

Ion Ratio Lower Upper

122 100

107 113.9 91.9 137.9

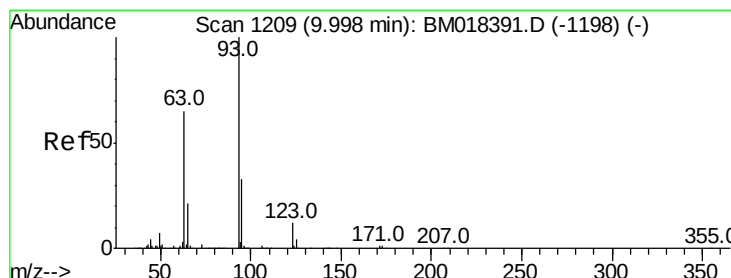
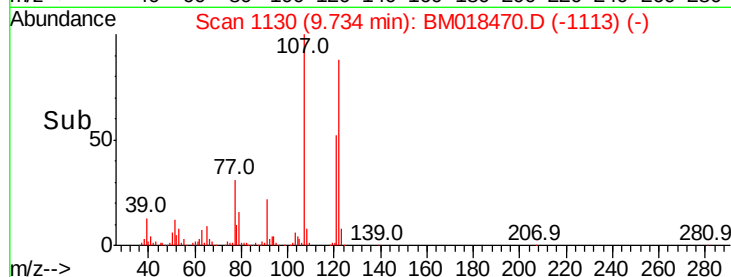
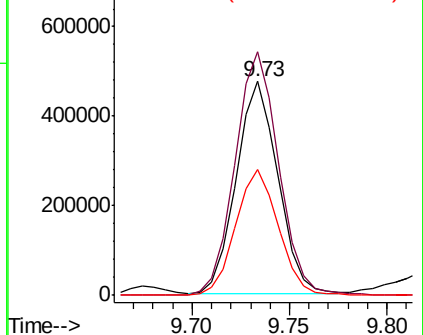
121 58.9 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.349 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

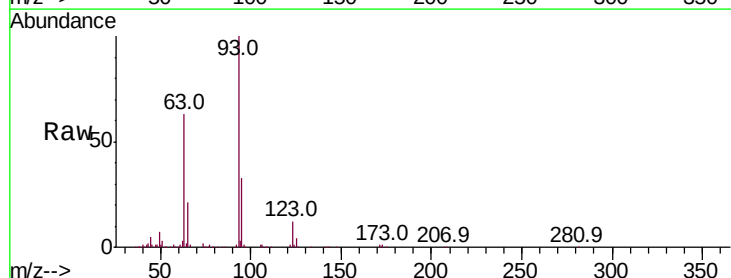
Tgt Ion: 93 Resp: 1014202

Ion Ratio Lower Upper

93 100

95 33.3 26.6 39.8

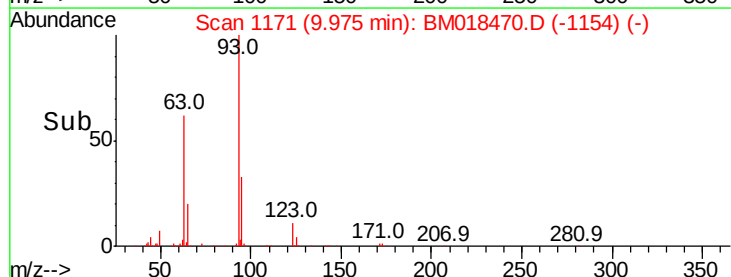
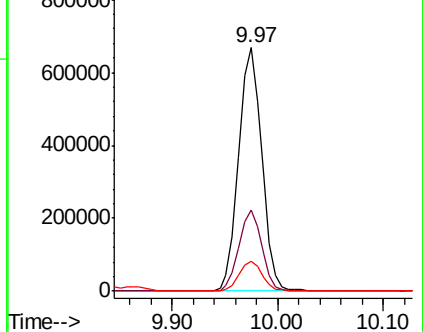
123 12.1 9.9 14.9

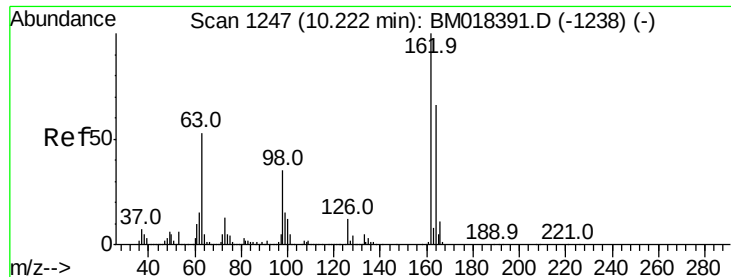


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

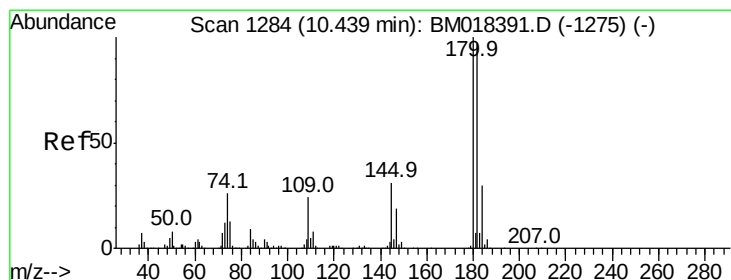
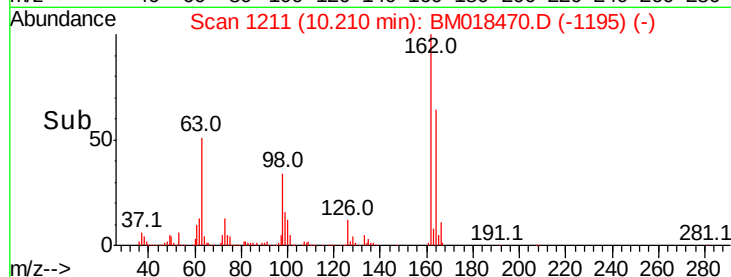
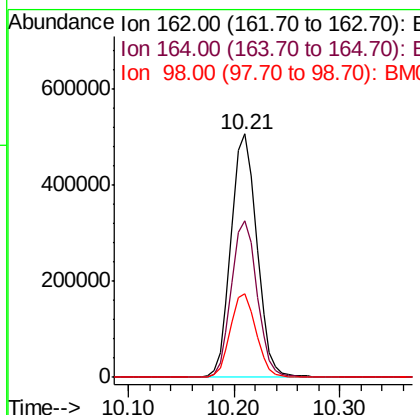
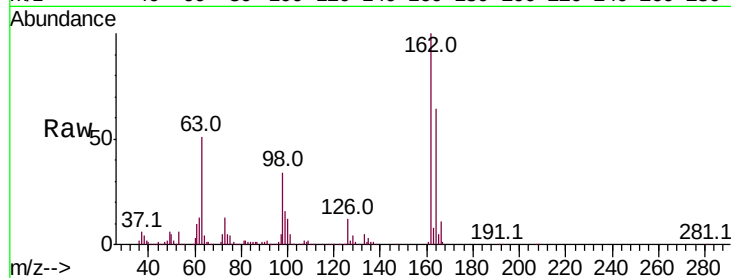




#29
2,4-Dichlorophenol
Concen: 42.128 ng
RT: 10.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

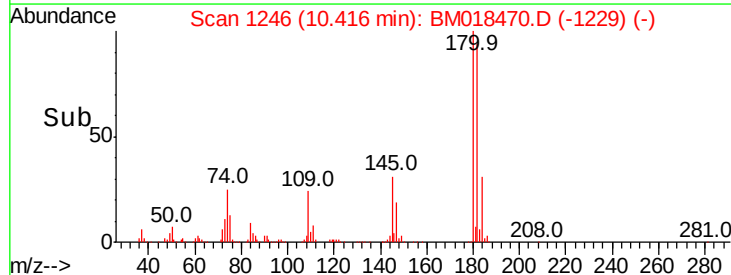
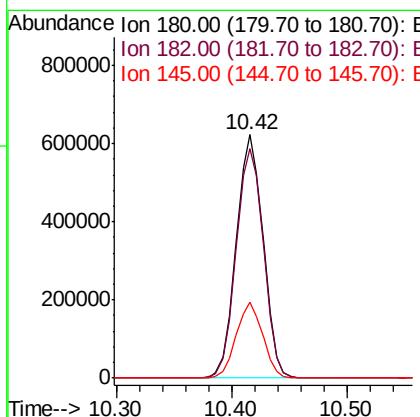
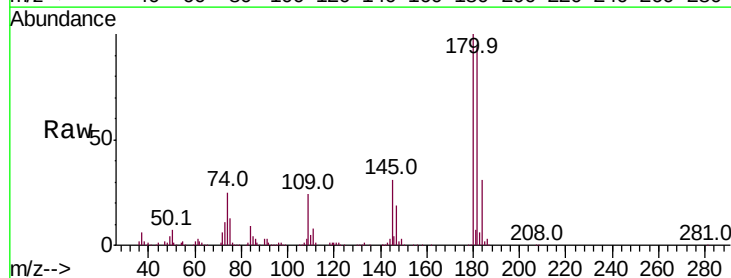
Instrument :
BNA_M
ClientSampleId :
ICVBM010919

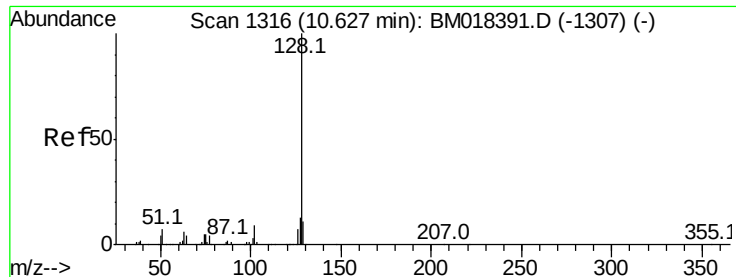
Tot Ion:162 Resp: 859564
Ion Ratio Lower Upper
162 100
164 64.4 45.6 85.6
98 34.5 14.7 54.7



#30
1,2,4-Trichlorobenzene
Concen: 39.555 ng
RT: 10.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion:180 Resp: 1001737
Ion Ratio Lower Upper
180 100
182 94.4 77.4 116.2
145 31.0 24.6 37.0

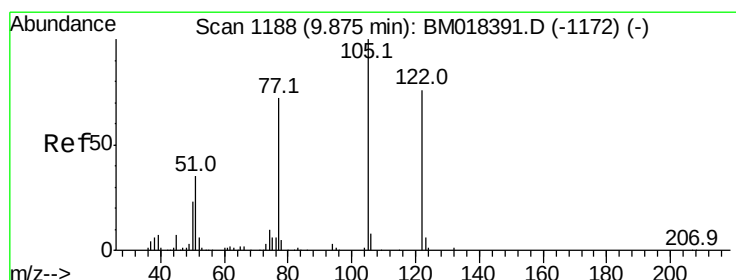
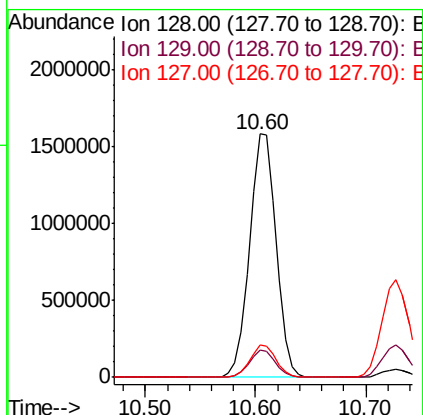
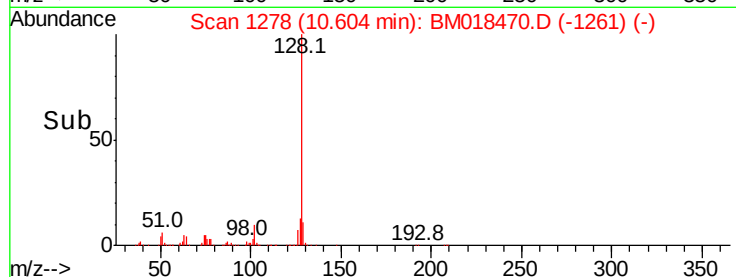
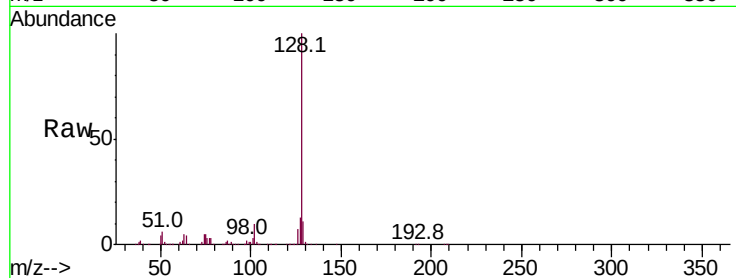




#31
Naphthalene
Concen: 39.780 ng
RT: 10.60 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

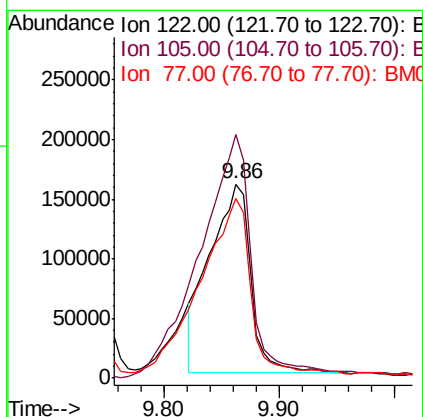
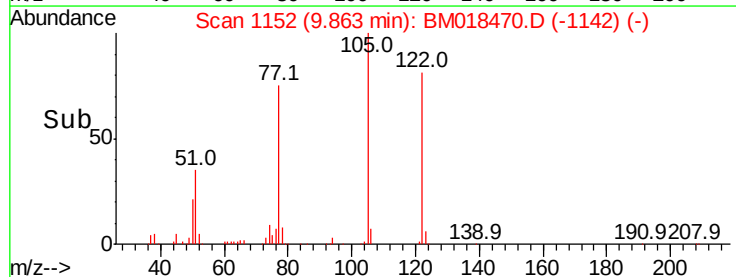
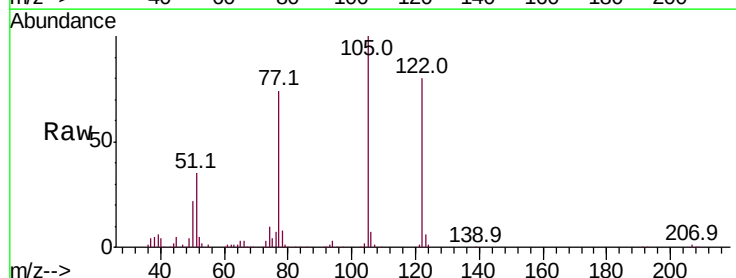
Instrument :
BNA_M
ClientSampleId :
ICVBM010919

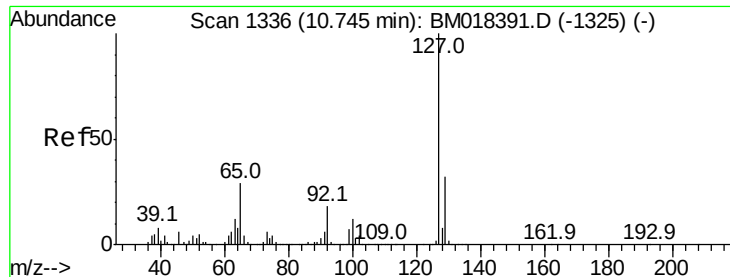
Tot Ion:128 Resp: 2668623
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 35.960 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.04 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion:122 Resp: 393103
Ion Ratio Lower Upper
122 100
105 125.3 100.4 140.4
77 92.7 71.7 111.7

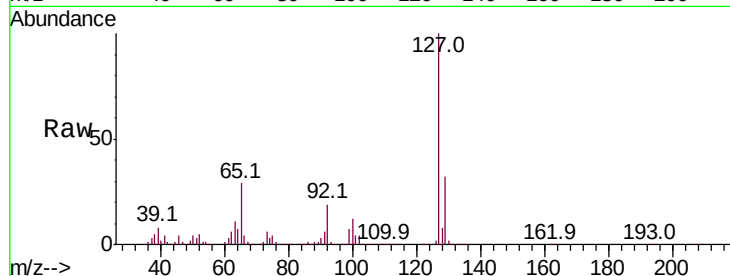




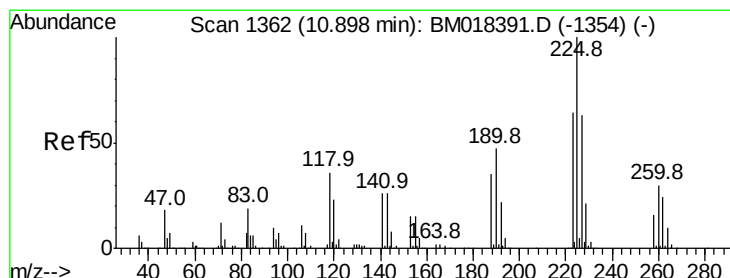
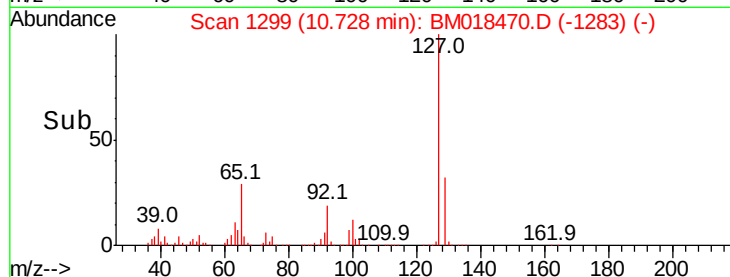
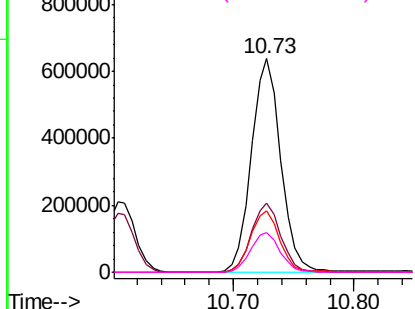
#33
4-Chloroaniline
Concen: 41.164 ng
RT: 10.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion:	127	Resp:	1087534
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	28.7	23.4	35.2
92	18.8	14.5	21.7

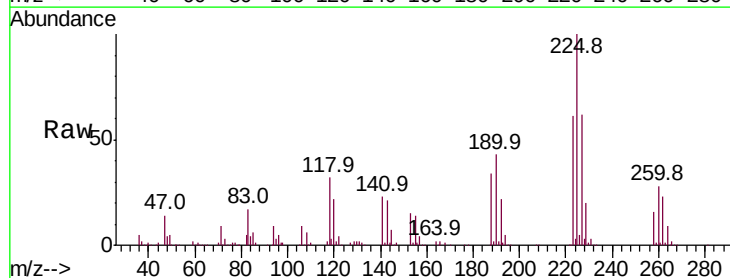


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

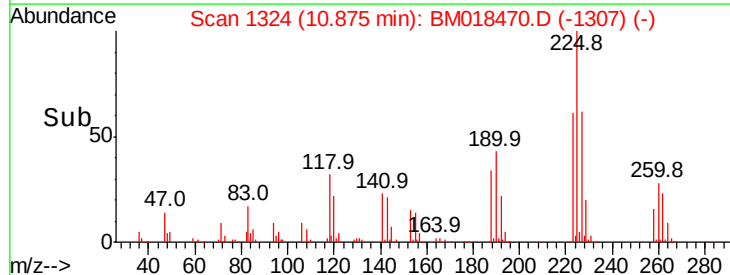
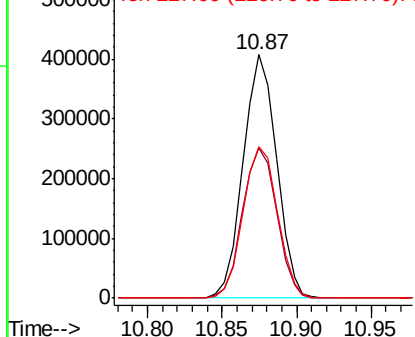


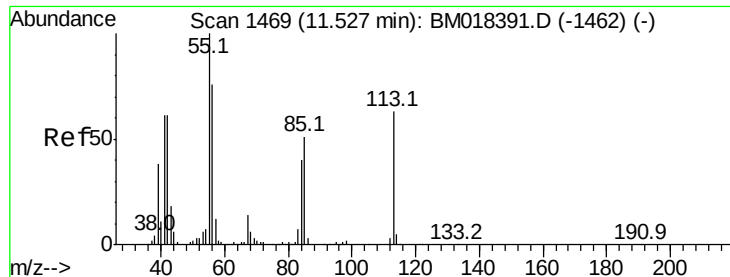
#34
Hexachlorobutadiene
Concen: 39.603 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion:	225	Resp:	633634
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.8	76.2
227	62.4	50.4	75.6



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





#35

Caprolactam

Concen: 41.955 ng

RT: 11.52 min Scan# 1434

Delta R.T. -0.02 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

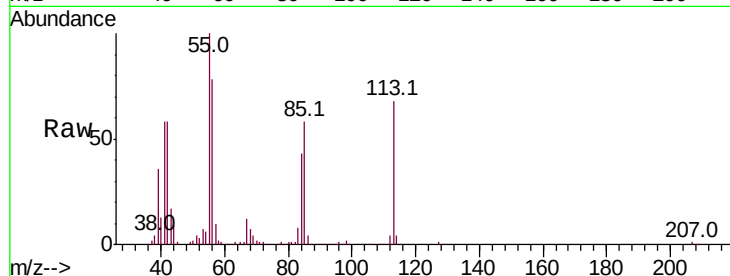
Tot Ion:113 Resp: 291046

Ion Ratio Lower Upper

113 100

55 146.5 139.3 179.3

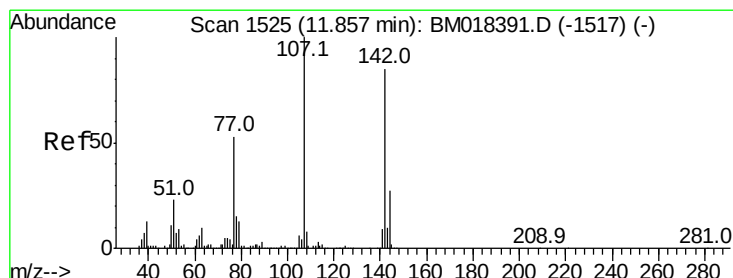
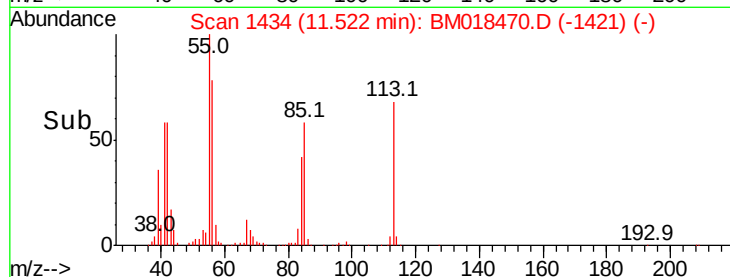
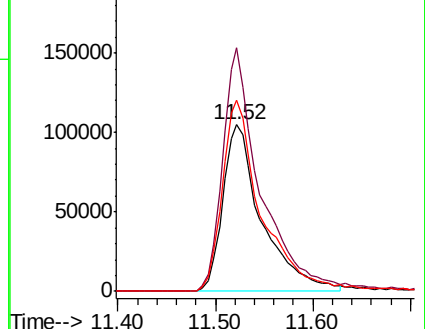
56 114.8 101.4 141.4



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: 42.288 ng

RT: 11.85 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

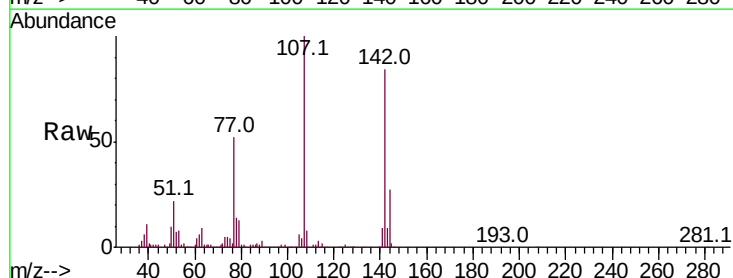
Tgt Ion:107 Resp: 905209

Ion Ratio Lower Upper

107 100

144 27.5 21.9 32.9

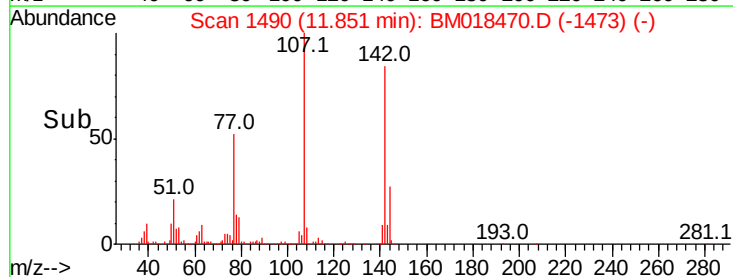
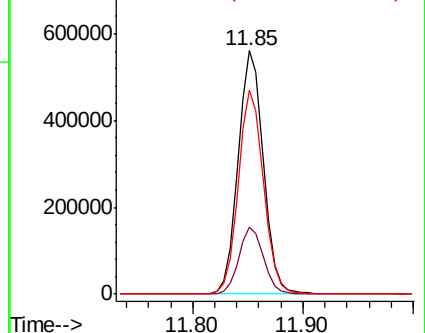
142 83.6 67.9 101.9

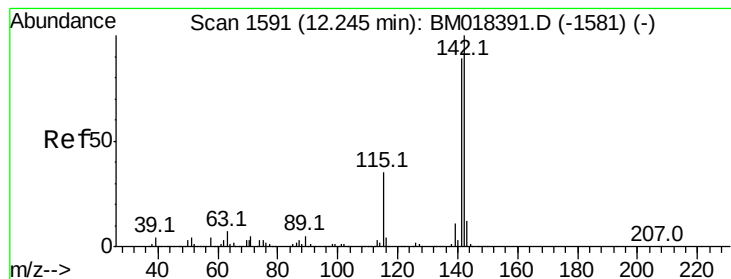


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.092 ng

RT: 12.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

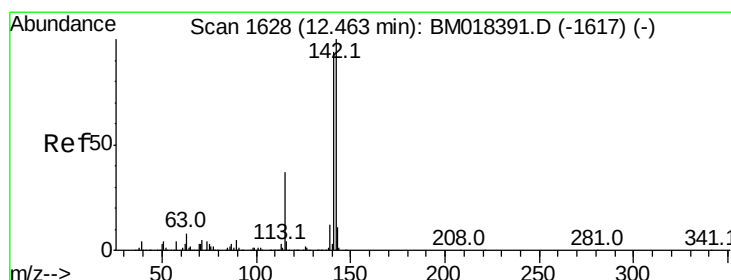
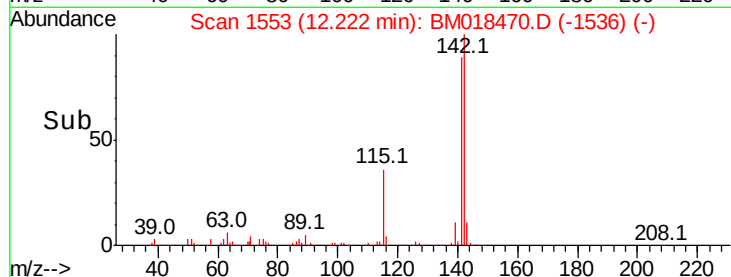
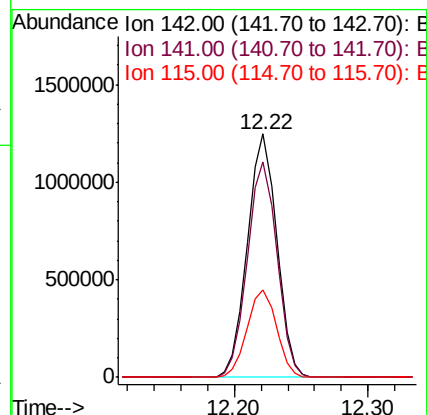
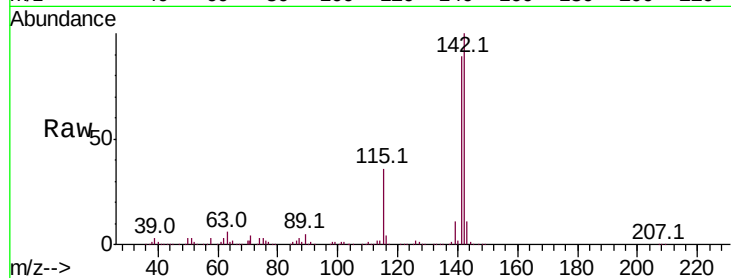
Tot Ion:142 Resp: 1900254

Ion Ratio Lower Upper

142 100

141 88.8 71.4 107.2

115 35.9 28.0 42.0



#38

1-Methylnaphthalene

Concen: 40.246 ng

RT: 12.44 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

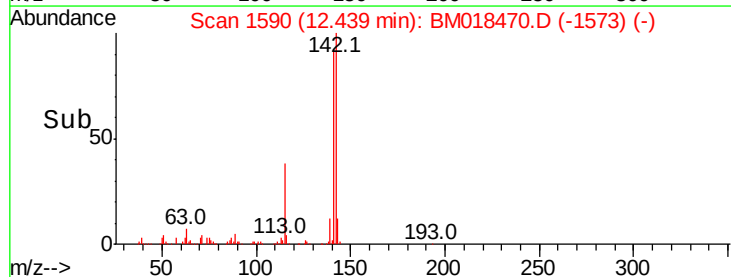
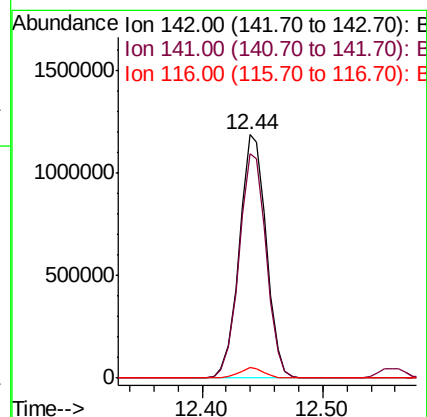
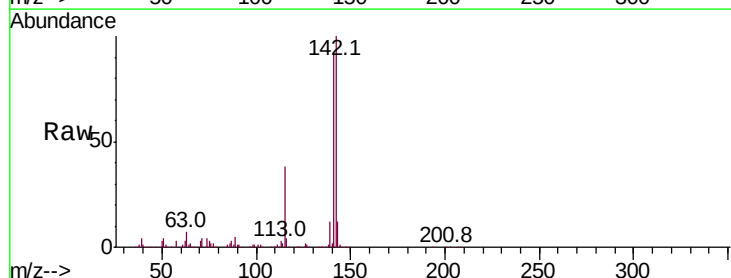
Tgt Ion:142 Resp: 1845705

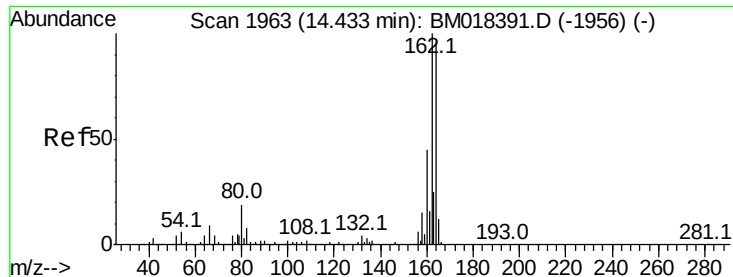
Ion Ratio Lower Upper

142 100

141 92.2 75.6 113.4

116 4.2 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.41 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

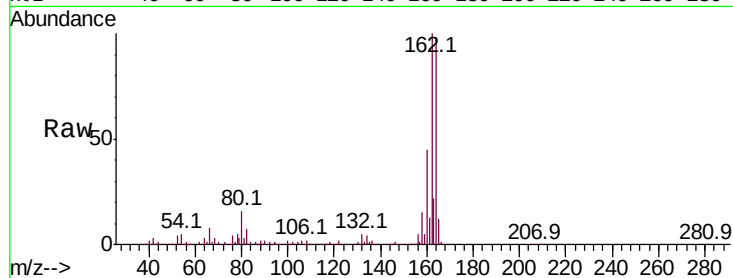
Tot Ion:164 Resp: 791975

Ion Ratio Lower Upper

164 100

162 101.9 83.0 124.4

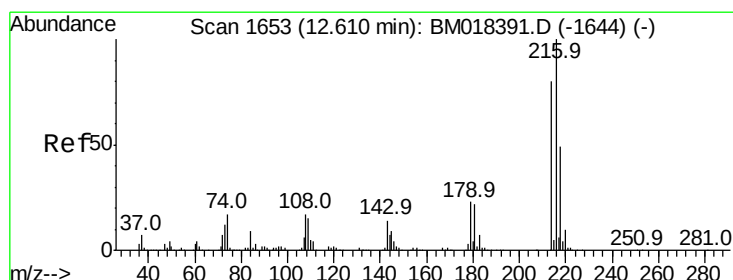
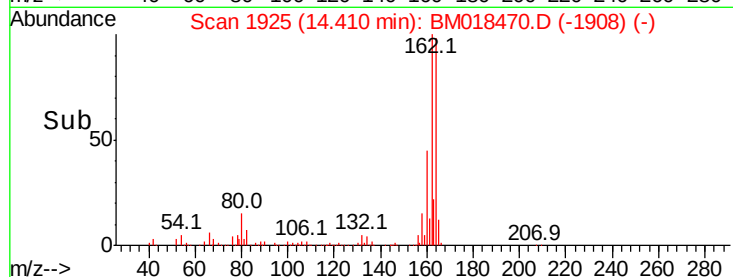
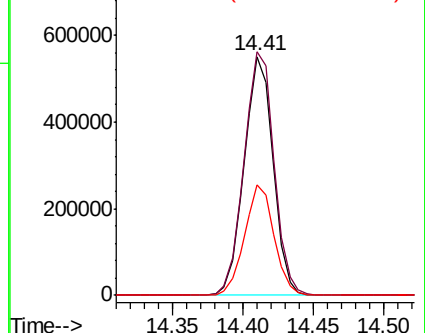
160 46.3 37.1 55.7



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: 39.985 ng

RT: 12.59 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Tgt Ion:216 Resp: 1107393

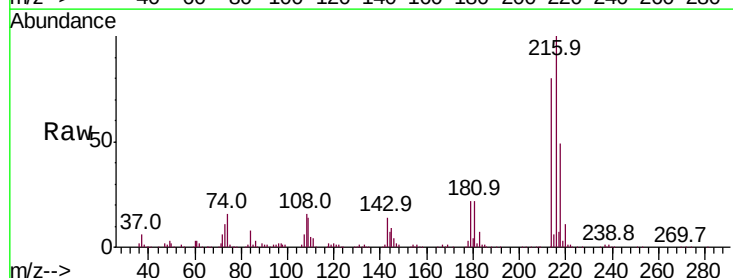
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 22.2 17.9 26.9

108 18.1 15.8 23.6

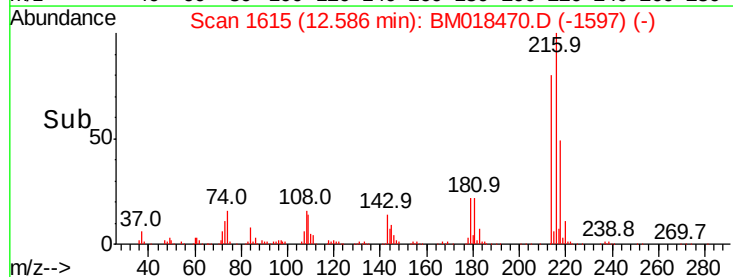
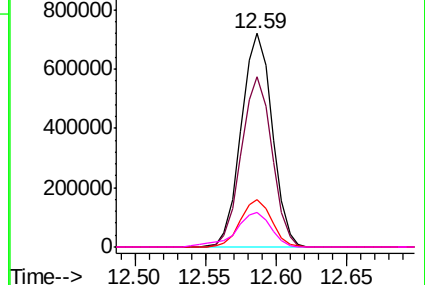


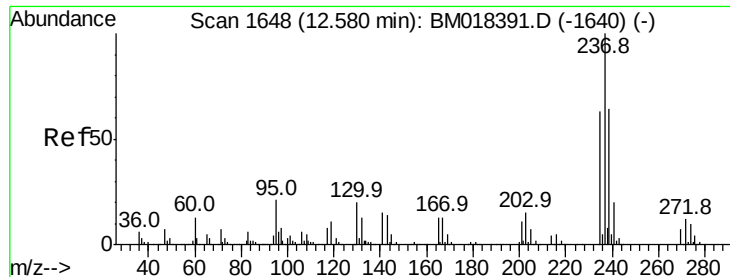
Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.854 ng

RT: 12.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

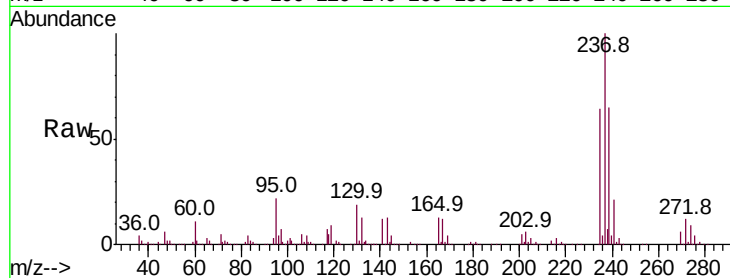
Tot Ion:237 Resp: 620978

Ion Ratio Lower Upper

237 100

235 64.2 42.8 82.8

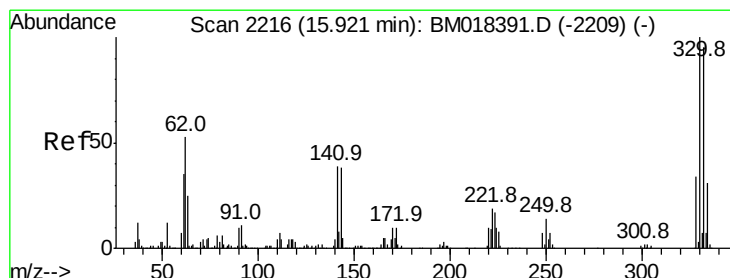
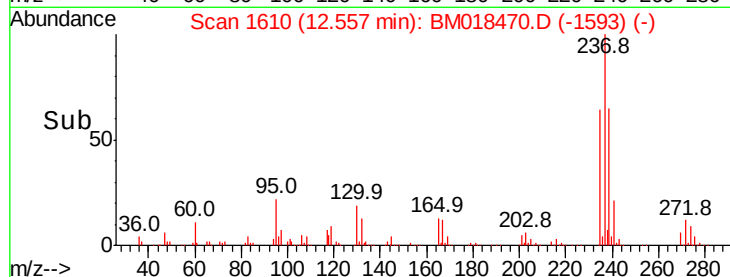
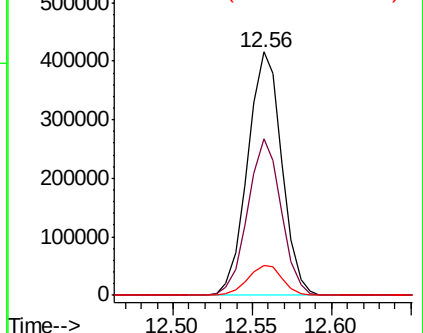
272 12.1 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.825 ng

RT: 15.90 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

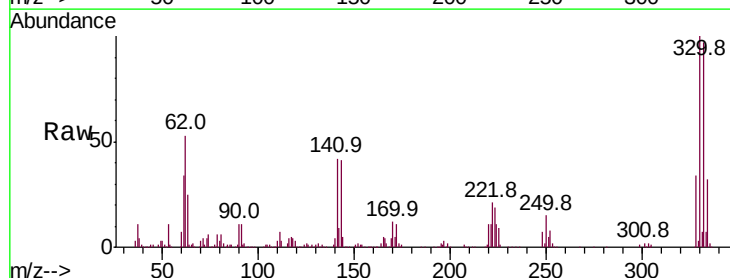
Tgt Ion:330 Resp: 855385

Ion Ratio Lower Upper

330 100

332 96.9 77.6 116.4

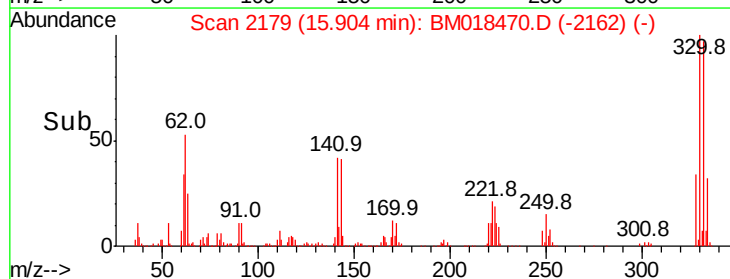
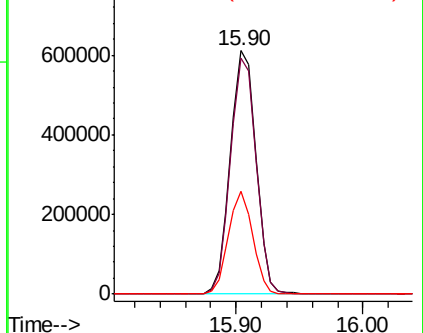
141 40.4 31.7 47.5

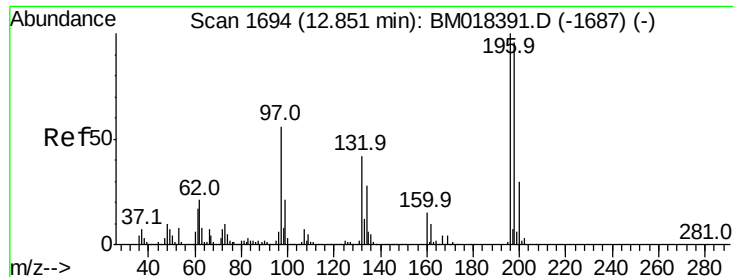


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 42.092 ng

RT: 12.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

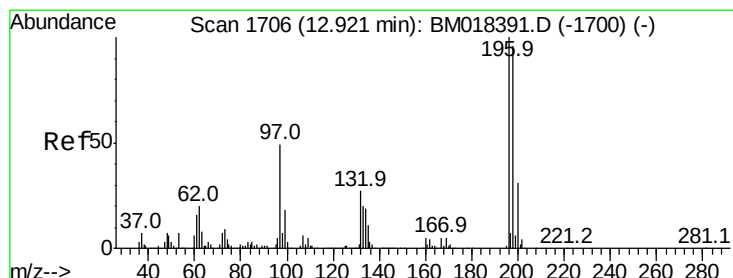
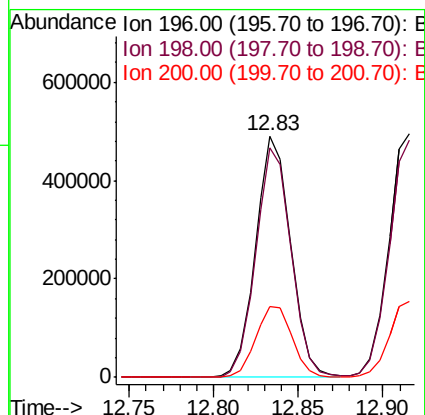
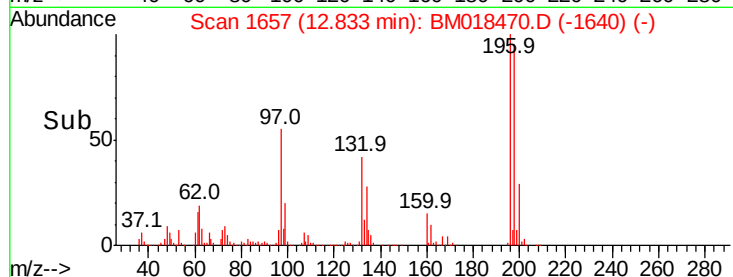
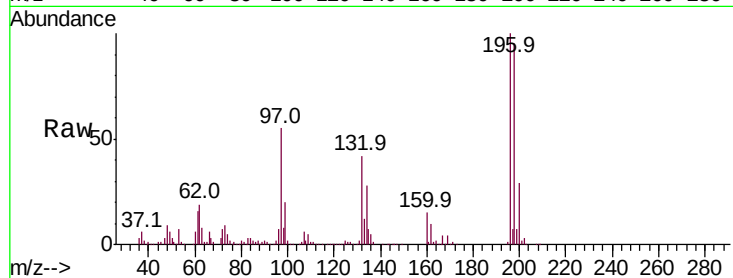
Tot Ion:196 Resp: 707901

Ion Ratio Lower Upper

196 100

198 95.1 76.6 115.0

200 29.4 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 42.435 ng

RT: 12.92 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Tgt Ion:196 Resp: 750574

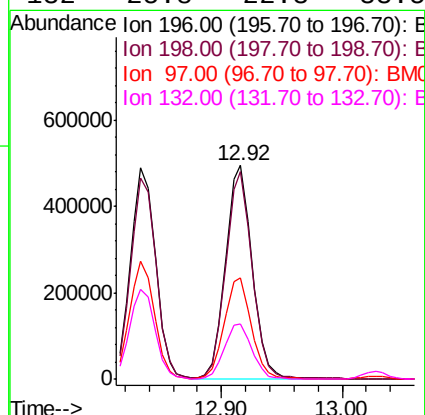
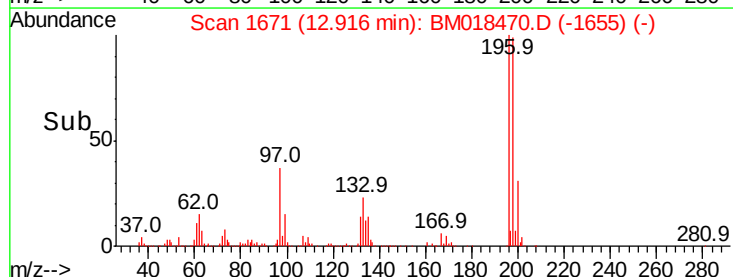
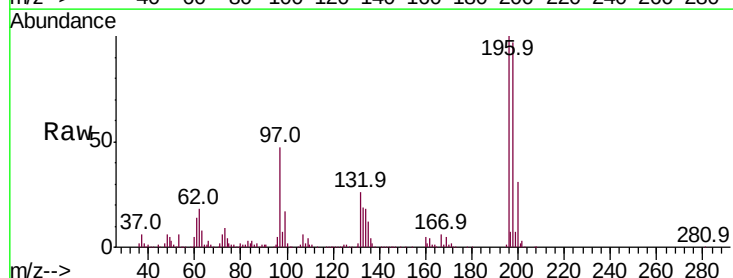
Ion Ratio Lower Upper

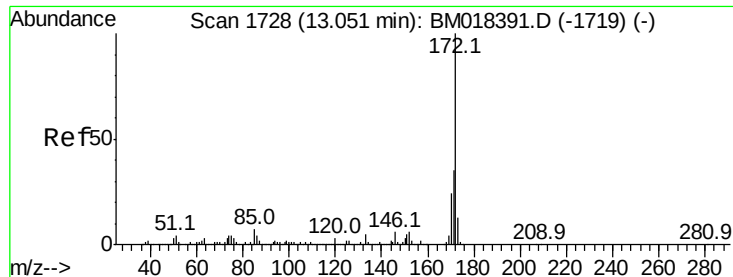
196 100

198 97.3 76.7 115.1

97 47.4 39.2 58.8

132 25.8 22.3 33.5



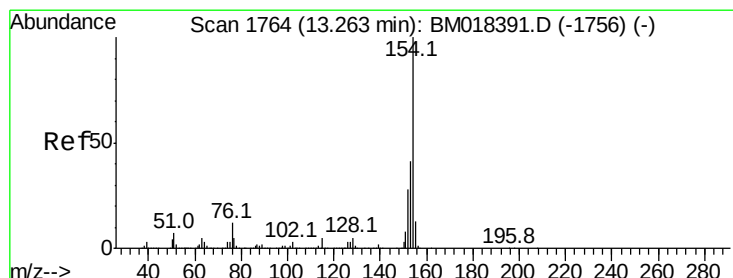
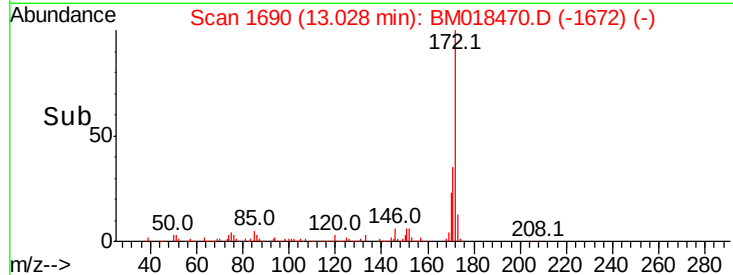
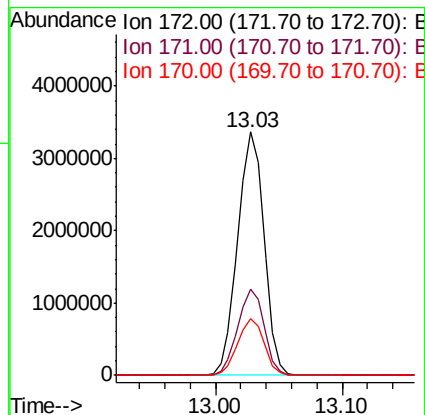
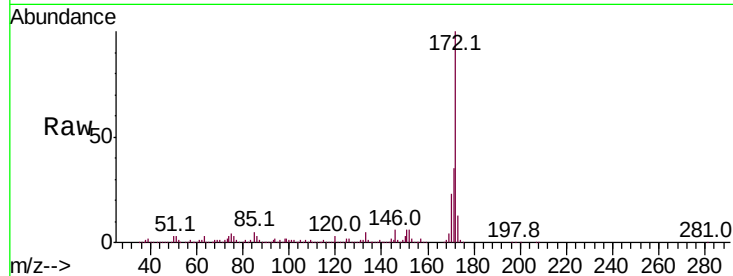


#45
2-Fluorobiphenyl
Concen: 79.798 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion:172 Resp: 4843261

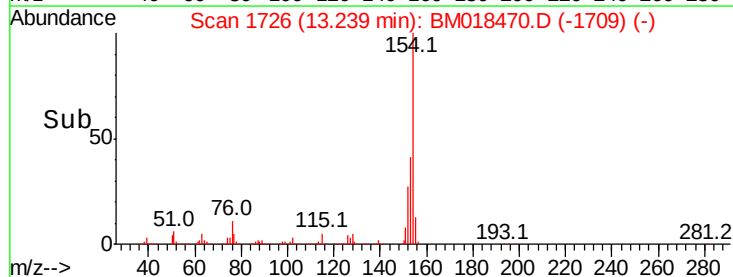
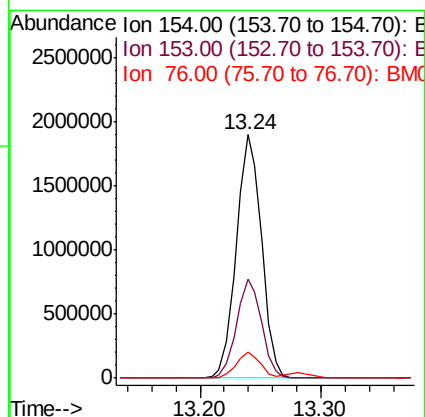
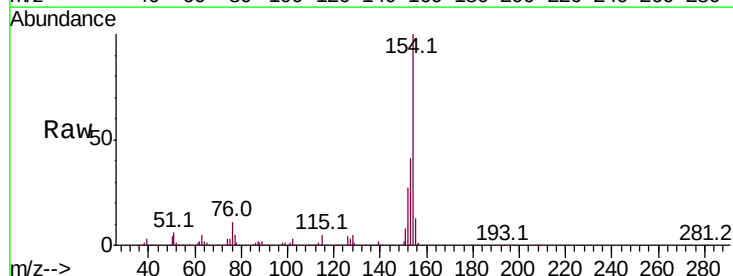
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.2	18.9	28.3

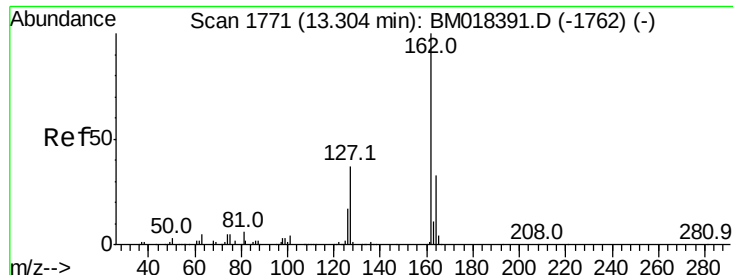


#46
1,1'-Biphenyl
Concen: 39.854 ng
RT: 13.24 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion:154 Resp: 2755980

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	10.7	0.0	31.9

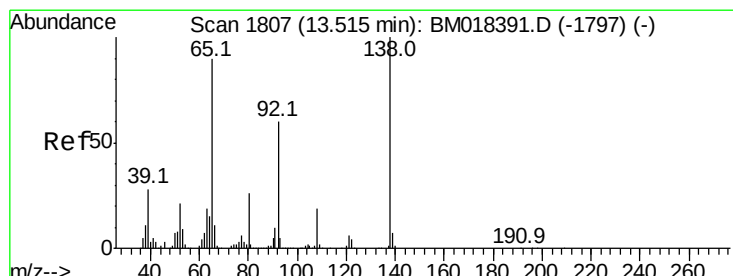
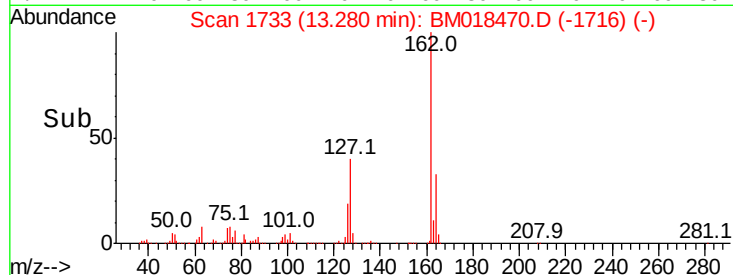
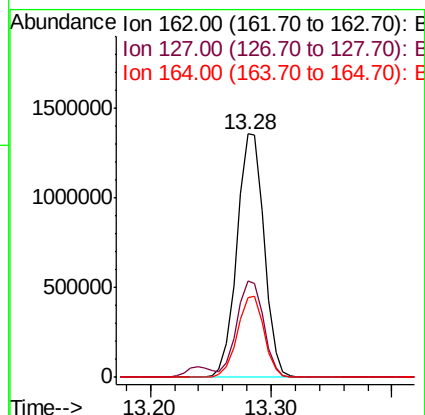
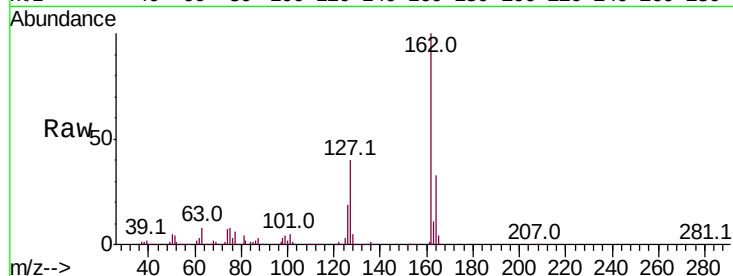




#47
2-Chloronaphthalene
Concen: 39.731 ng
RT: 13.28 min Scan# 1733
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

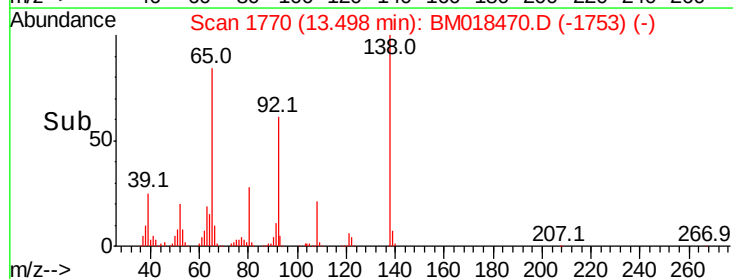
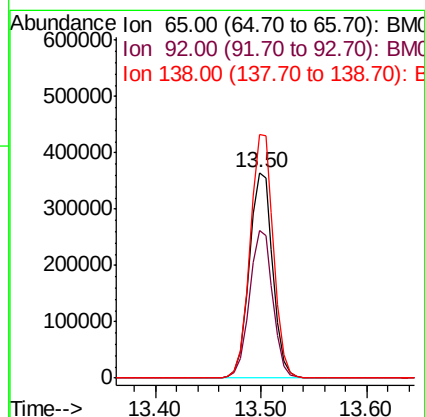
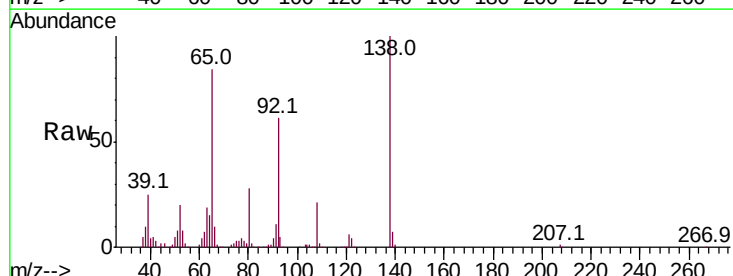
Instrument :
BNA_M
ClientSampleId :
ICVBM010919

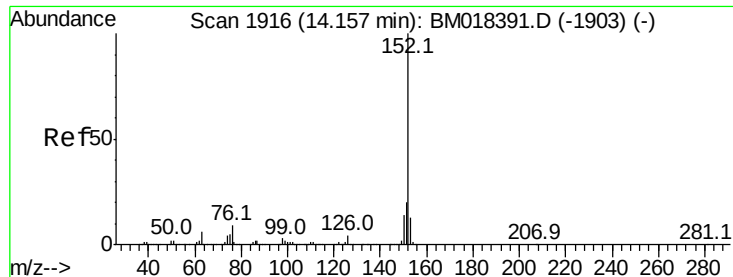
Tot Ion:162 Resp: 2130517
Ion Ratio Lower Upper
162 100
127 39.6 31.4 47.0
164 32.9 26.2 39.4



#48
2-Nitroaniline
Concen: 42.827 ng
RT: 13.50 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion: 65 Resp: 565009
Ion Ratio Lower Upper
65 100
92 71.8 53.4 80.2
138 118.4 88.9 133.3





#49

Acenaphthylene

Concen: 40.696 ng

RT: 14.13 min Scan# 1878

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

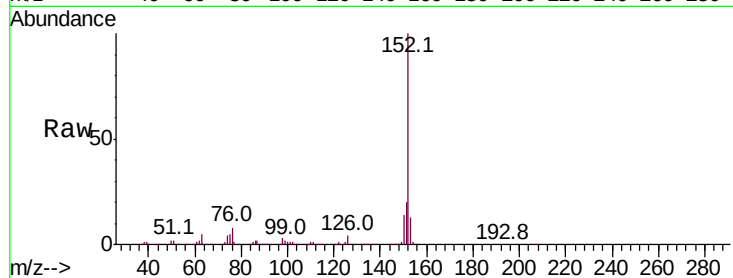
Tot Ion:152 Resp: 3180301

Ion Ratio Lower Upper

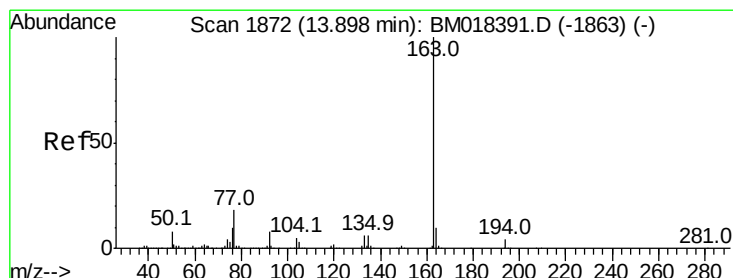
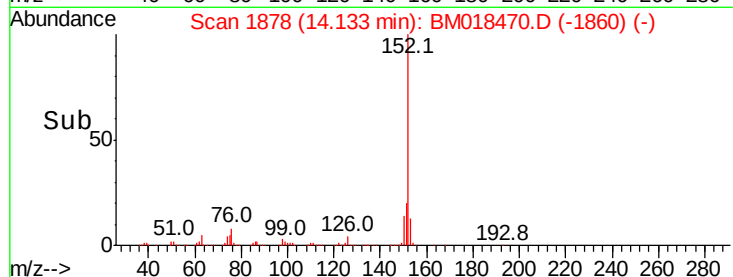
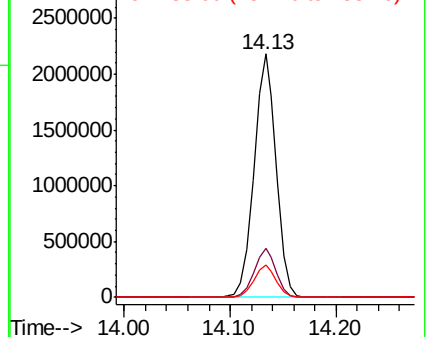
152 100

151 19.9 15.7 23.5

153 13.1 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: 40.596 ng

RT: 13.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

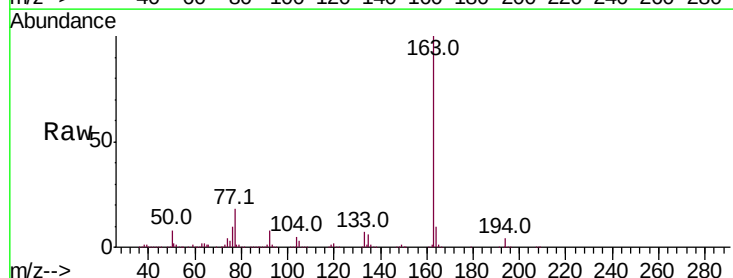
Tgt Ion:163 Resp: 2640477

Ion Ratio Lower Upper

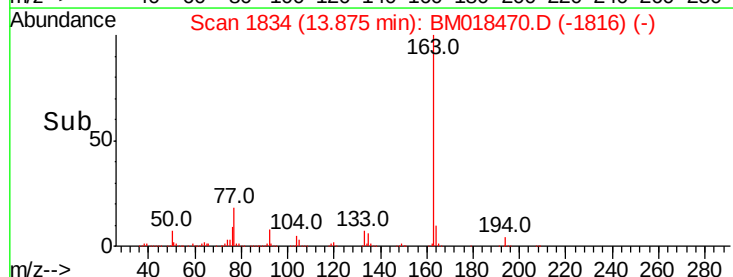
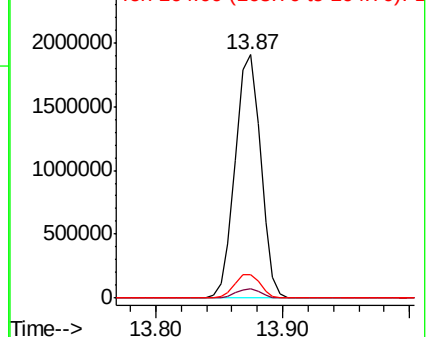
163 100

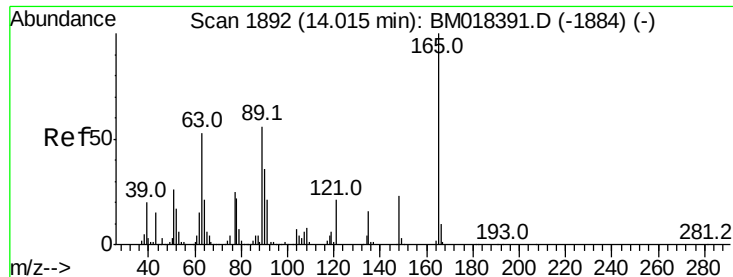
194 4.1 3.0 4.6

164 9.6 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

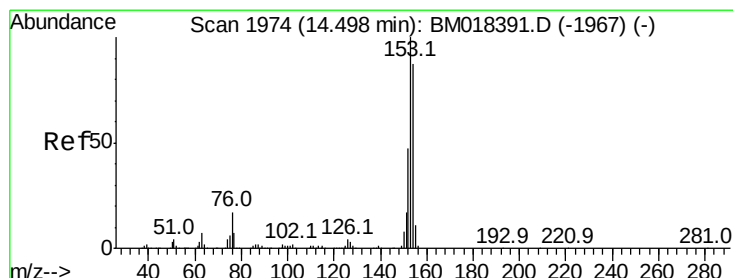
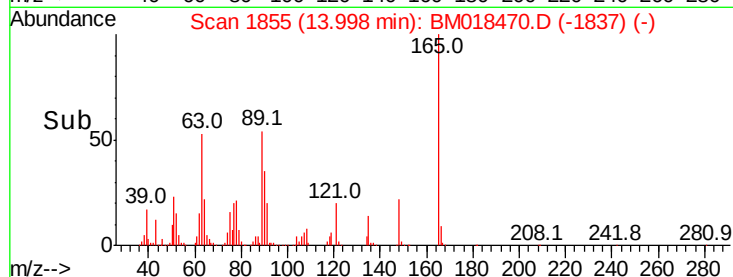
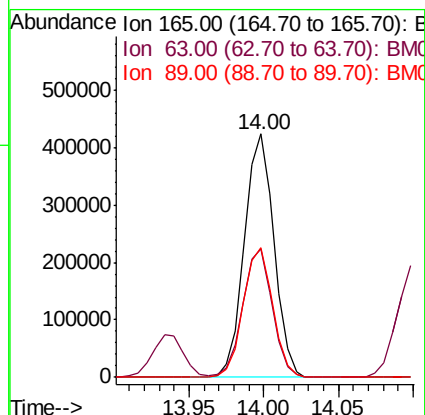
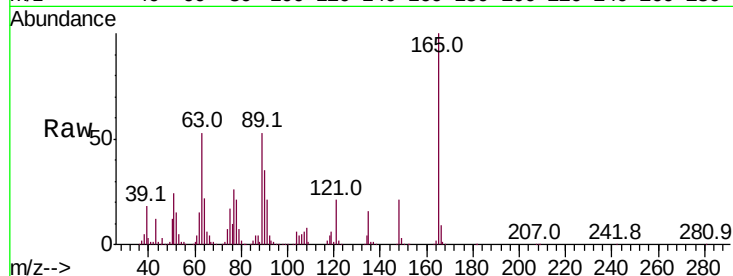




#51
 2,6-Dinitrotoluene
 Concen: 42.109 ng
 RT: 14.00 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

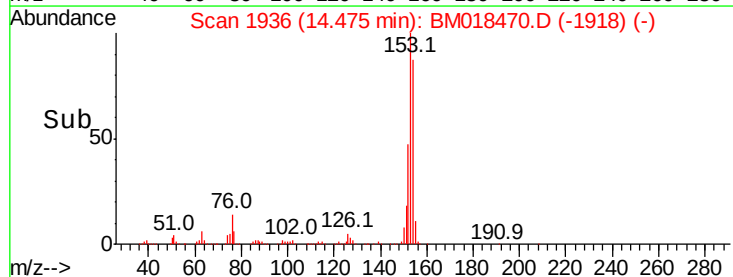
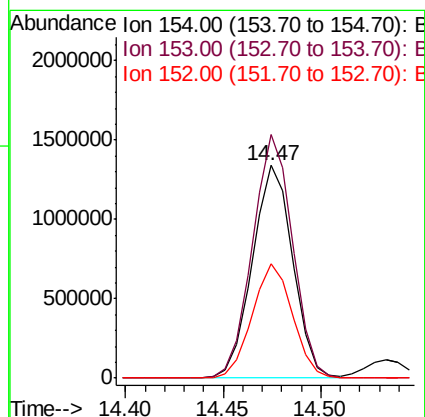
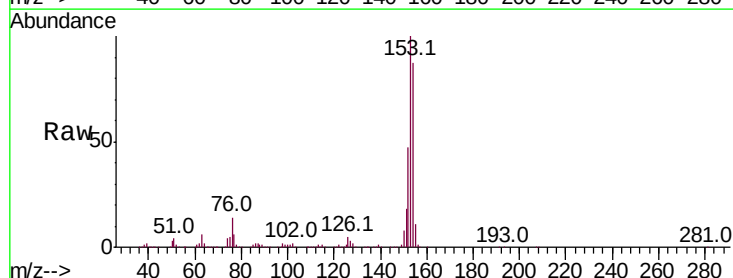
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM010919

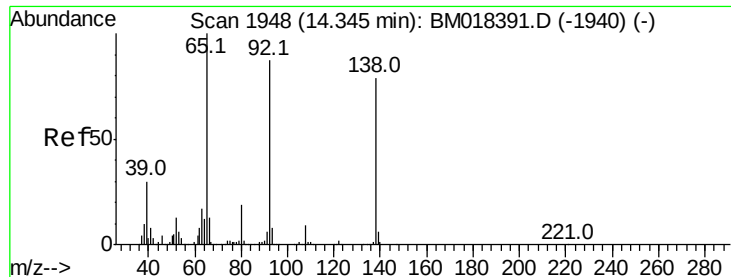
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.9	45.6	68.4
89	53.3	44.6	66.8



#52
 Acenaphthene
 Concen: 40.174 ng
 RT: 14.47 min Scan# 1936
 Delta R.T. 0.01 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.7	92.3	138.5
152	53.6	43.8	65.6





#53

3-Nitroaniline

Concen: 42.173 ng

RT: 14.33 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

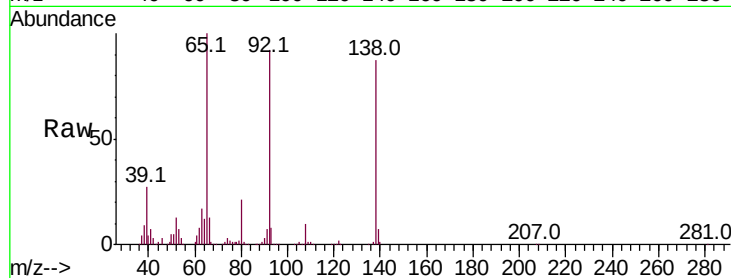
Tot Ion:138 Resp: 585787

Ion Ratio Lower Upper

138 100

108 11.5 9.1 13.7

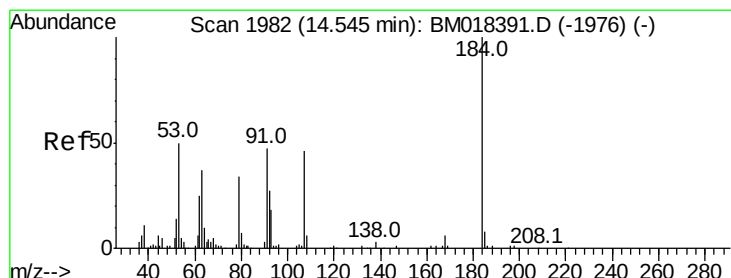
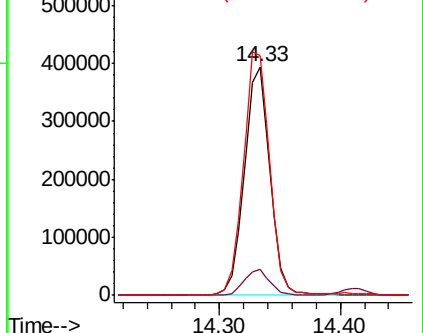
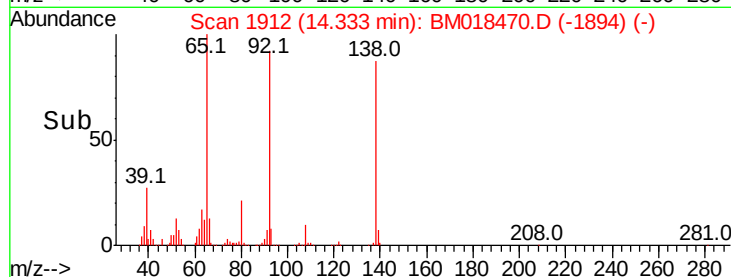
92 104.9 88.2 132.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 39.662 ng

RT: 14.53 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

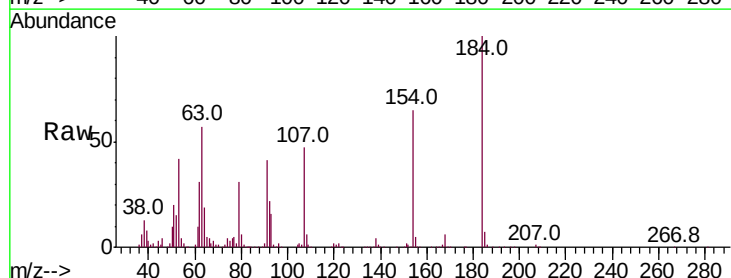
Tgt Ion:184 Resp: 266056

Ion Ratio Lower Upper

184 100

63 57.3 55.9 83.9

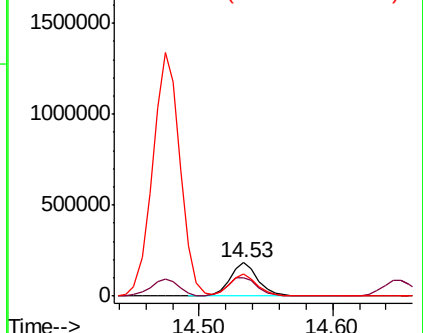
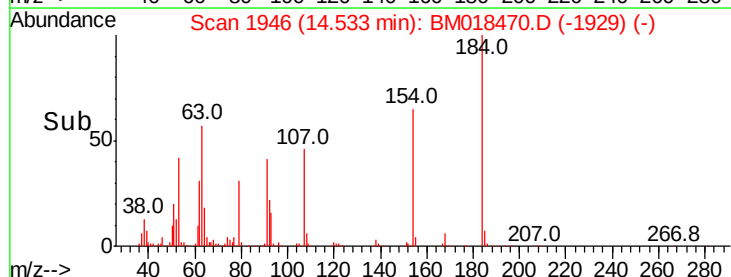
154 65.3 54.2 81.4

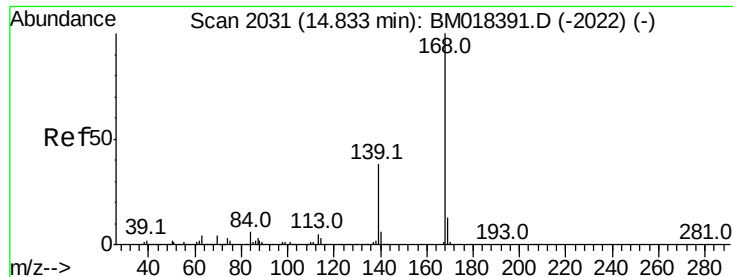


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

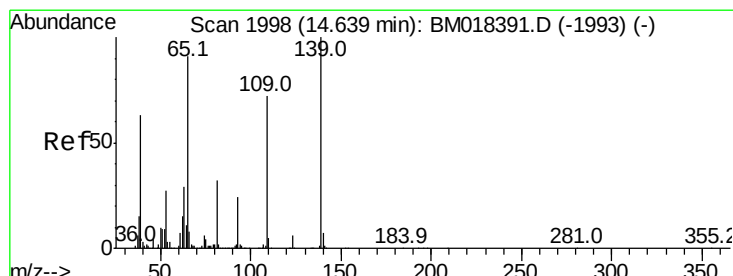
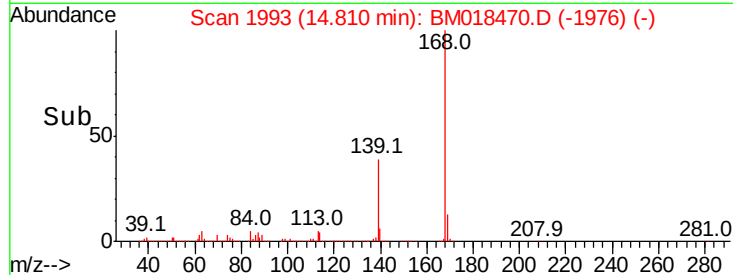
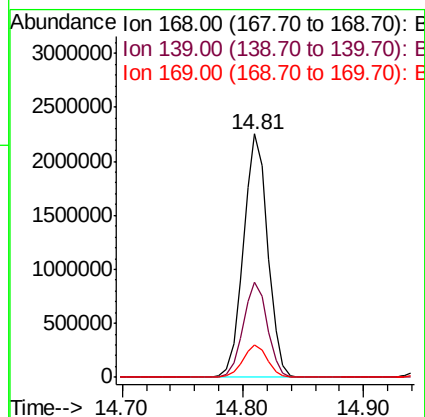
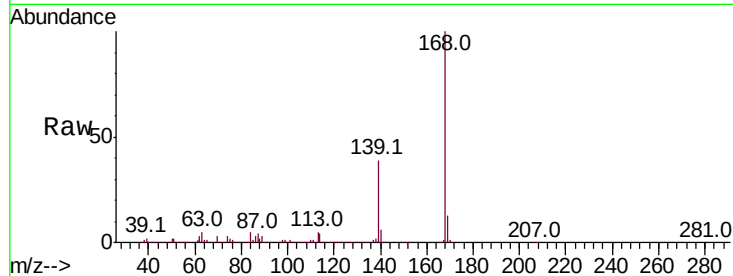




#55
Dibenzofuran
Concen: 39.907 ng
RT: 14.81 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

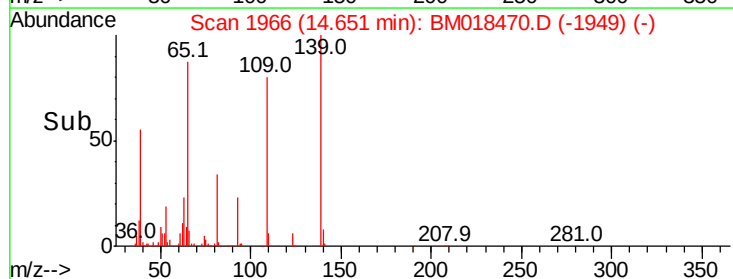
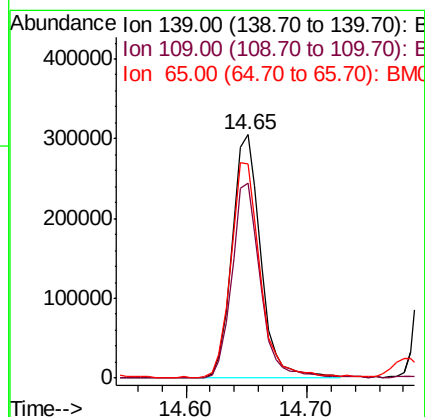
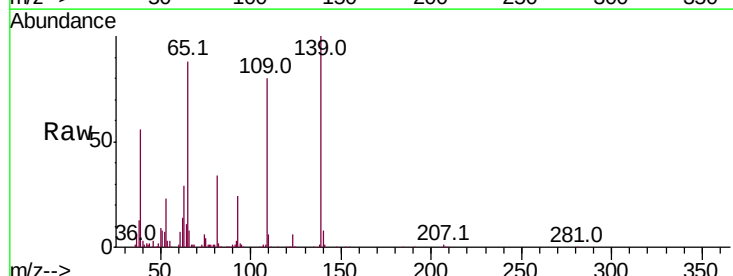
Instrument :
BNA_M
ClientSampleId :
ICVBM010919

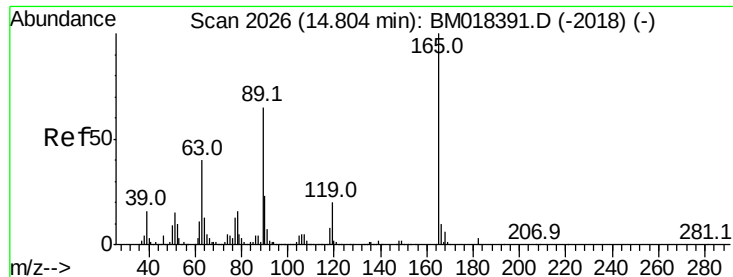
Tot Ion:168 Resp: 3152815
Ion Ratio Lower Upper
168 100
139 39.1 30.3 45.5
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 42.170 ng
RT: 14.65 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion:139 Resp: 506022
Ion Ratio Lower Upper
139 100
109 80.3 51.7 91.7
65 87.8 71.4 111.4

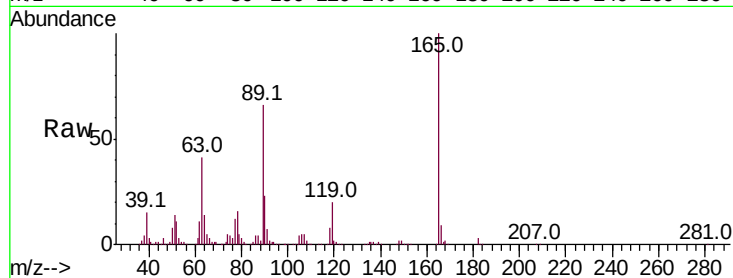




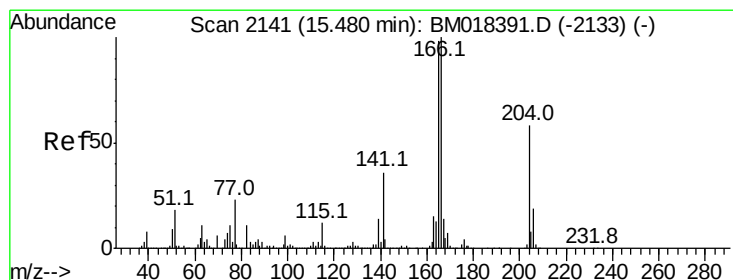
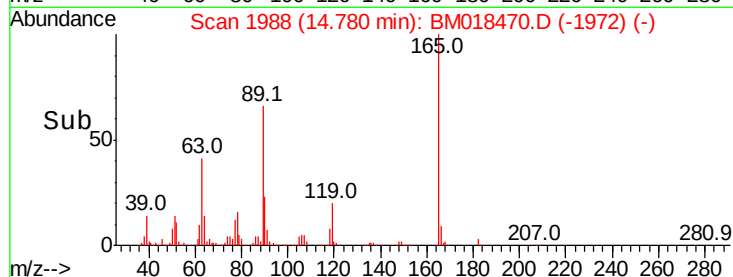
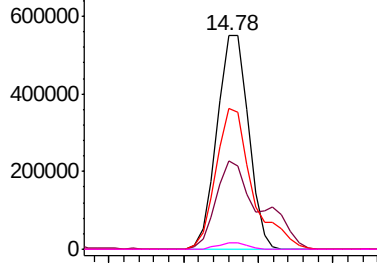
#57
2,4-Dinitrotoluene
Concen: 41.071 ng
RT: 14.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion:	165	Resp:	800631
Ion	Ratio	Lower	Upper
165	100		
63	41.5	32.2	48.2
89	65.8	52.1	78.1
182	2.8	2.5	3.7

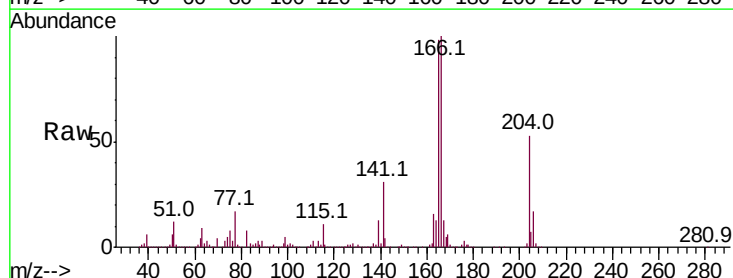


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

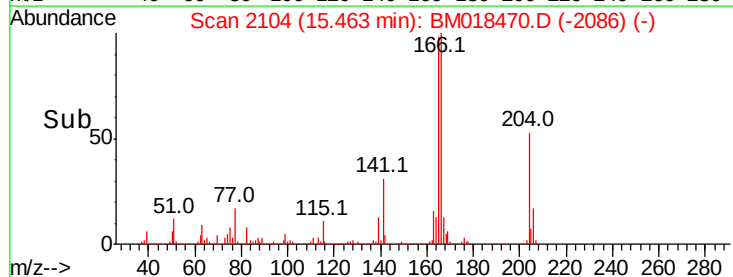
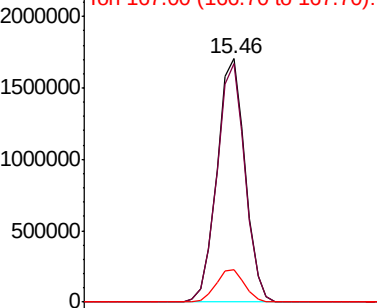


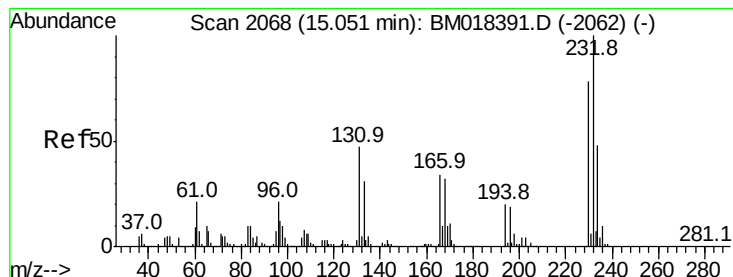
#58
Fluorene
Concen: 40.482 ng
RT: 15.46 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion:	166	Resp:	2382449
Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.3	117.5
167	13.4	10.9	16.3



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: 41.669 ng

RT: 15.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

Tot Ion:232 Resp: 653286

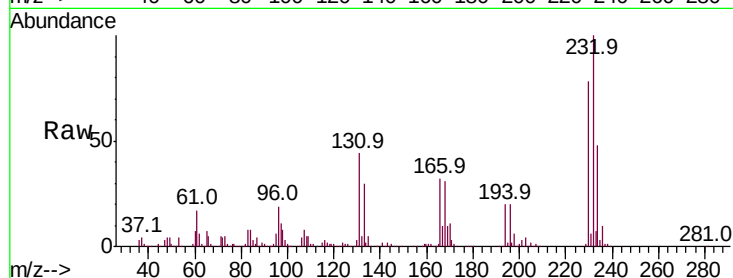
Ion Ratio Lower Upper

232 100

131 46.9 38.6 57.8

130 2.6 2.2 3.4

166 32.7 27.2 40.8

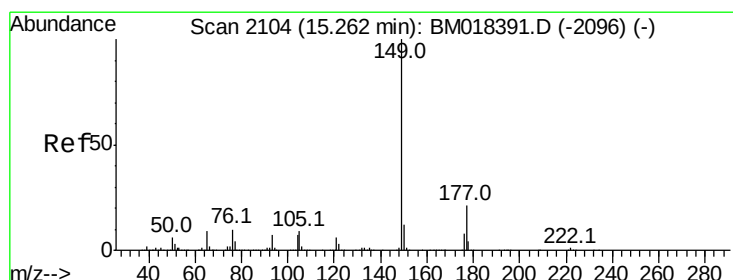
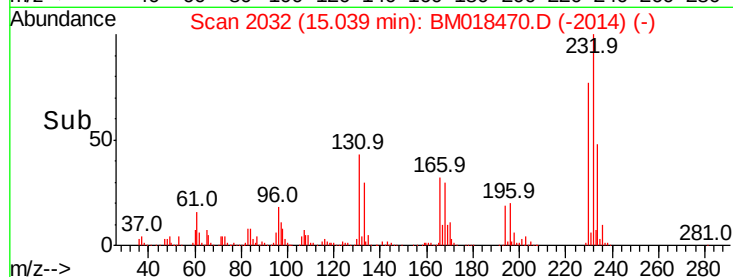
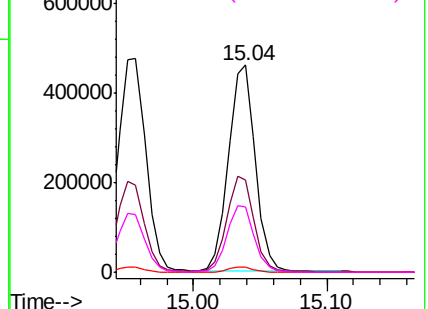


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.070 ng

RT: 15.24 min Scan# 2066

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

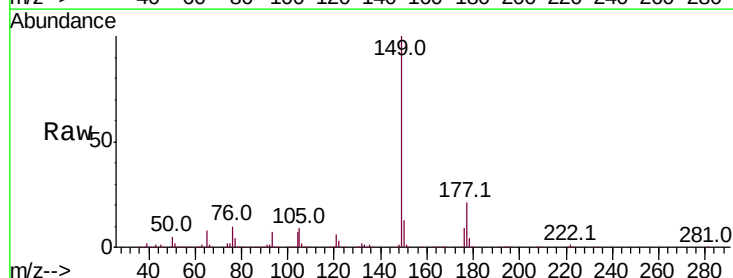
Tgt Ion:149 Resp: 2696737

Ion Ratio Lower Upper

149 100

177 21.5 17.1 25.7

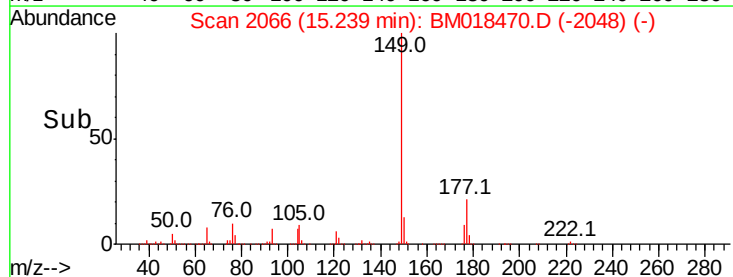
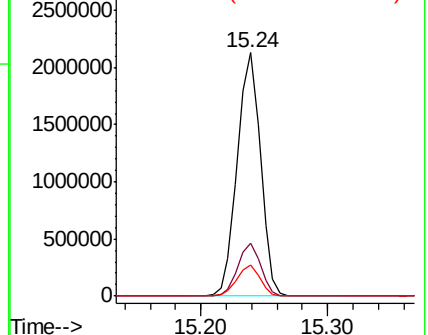
150 12.7 9.8 14.6

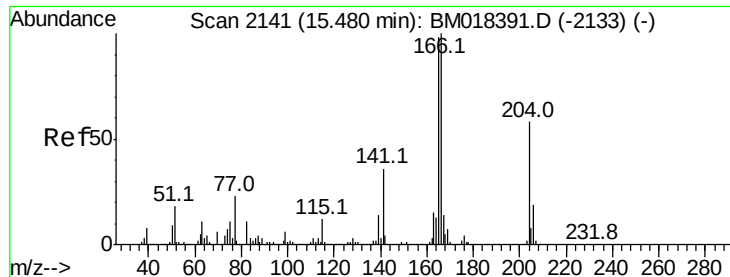


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

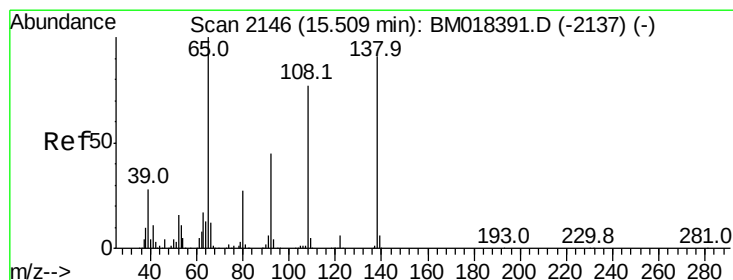
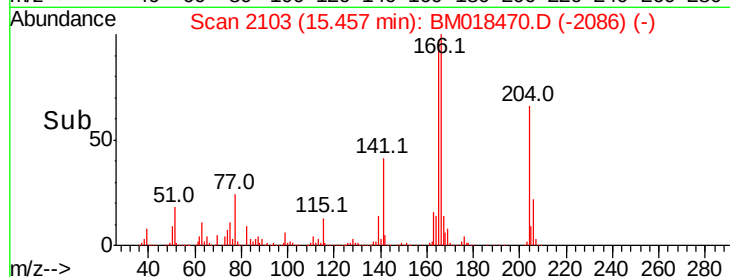
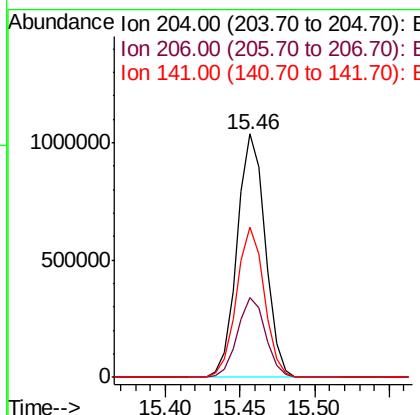
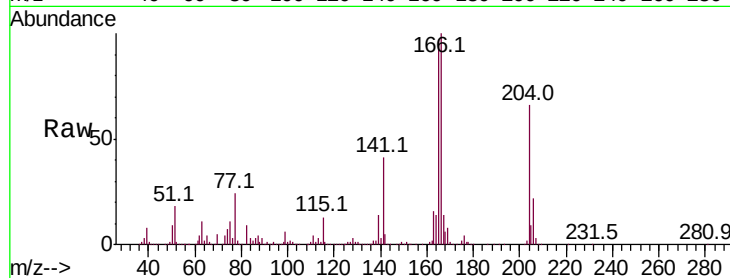




#61
4-Chlorophenyl-phenylether
Concen: 40.178 ng
RT: 15.46 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

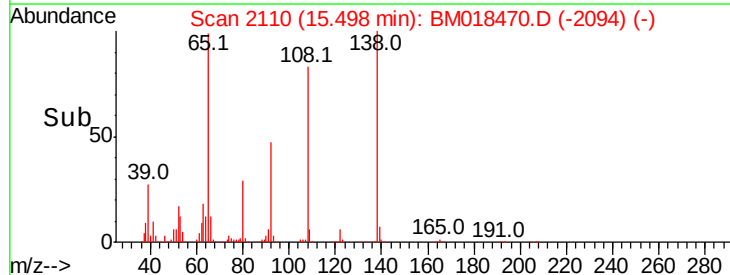
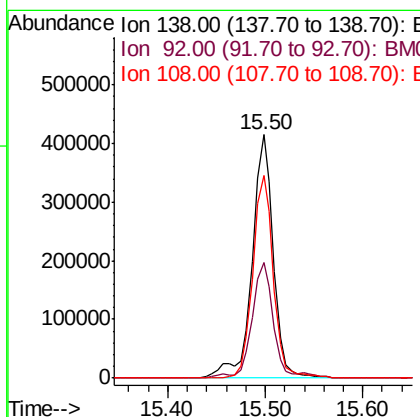
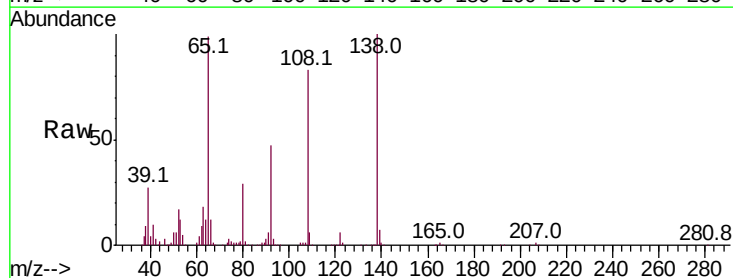
Instrument :
BNA_M
ClientSampleId :
ICVBM010919

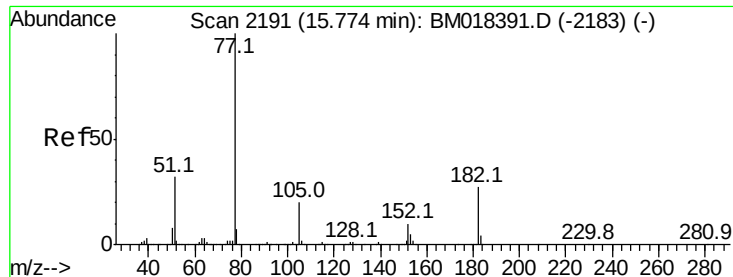
Tot Ion:204 Resp: 1362831
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 61.8 49.5 74.3



#62
4-Nitroaniline
Concen: 42.100 ng
RT: 15.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion:138 Resp: 637845
Ion Ratio Lower Upper
138 100
92 47.2 29.0 69.0
108 83.5 63.9 103.9





#63

Azobenzene

Concen: 41.256 ng

RT: 15.75 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

Tot Ion: 77 Resp: 2208636

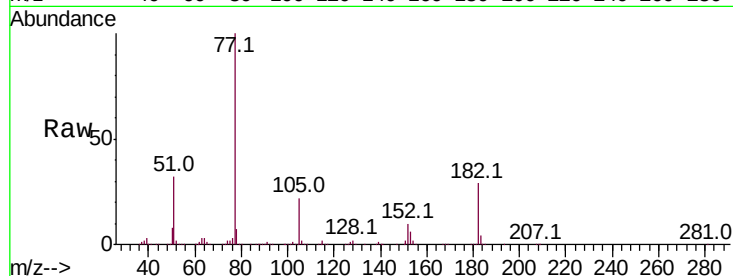
Ion Ratio Lower Upper

77 100

182 29.1 7.4 47.4

105 21.7 0.0 39.6

51 32.2 12.0 52.0

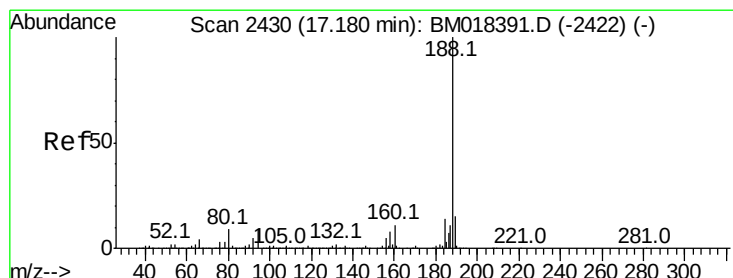
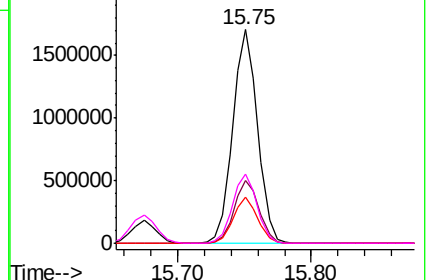
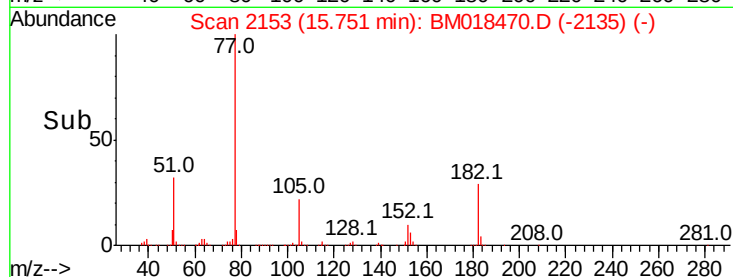


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2393

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

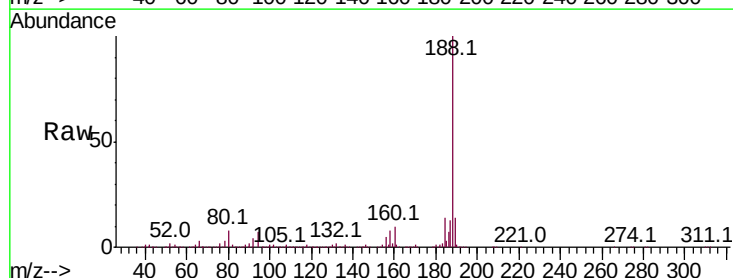
Tgt Ion: 188 Resp: 1810428

Ion Ratio Lower Upper

188 100

94 7.0 7.1 10.7#

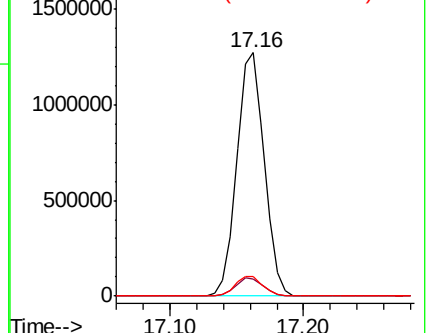
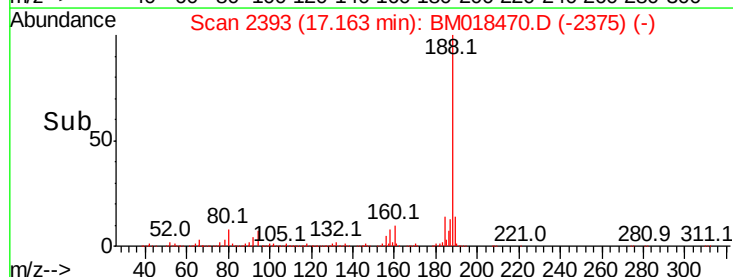
80 8.0 7.6 11.4

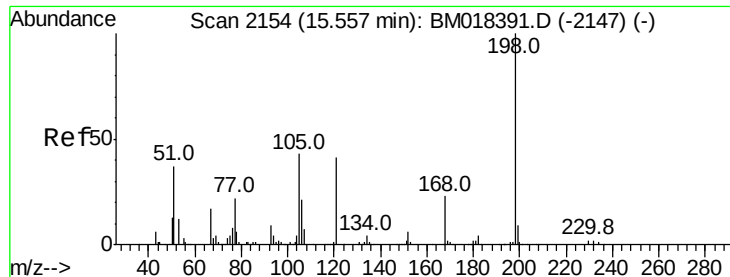


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

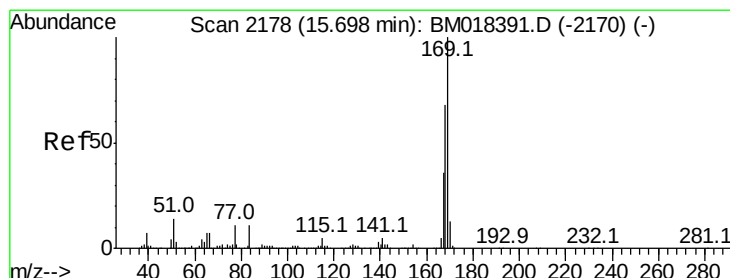
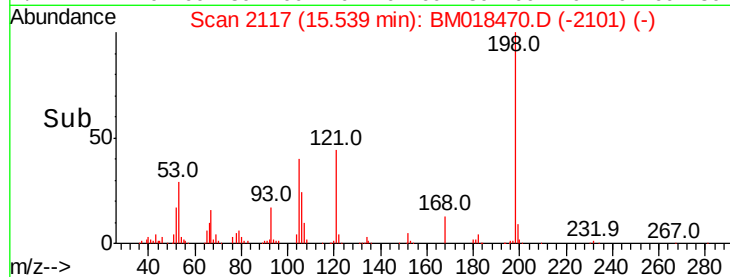
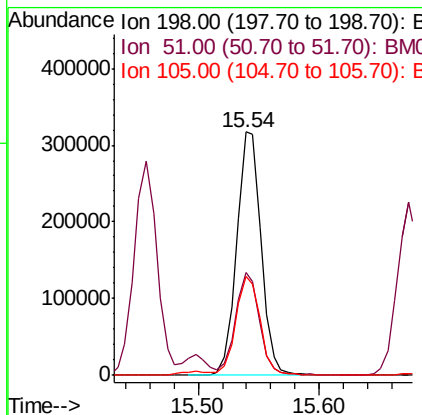
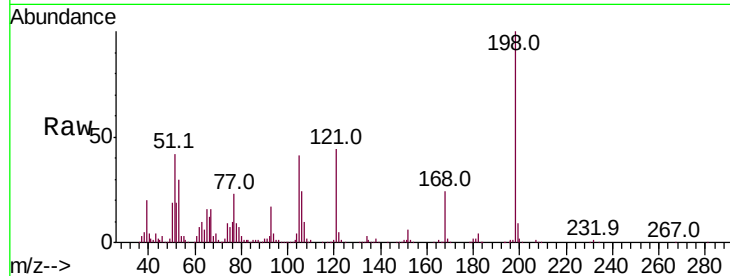




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.824 ng
 RT: 15.54 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

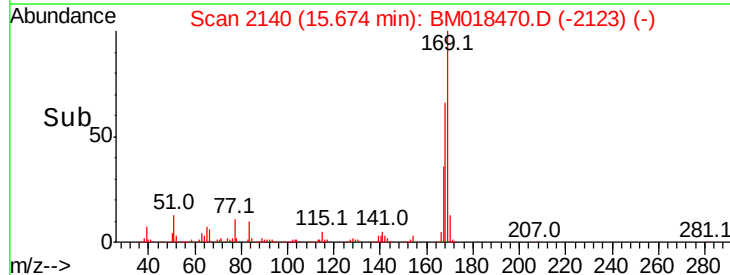
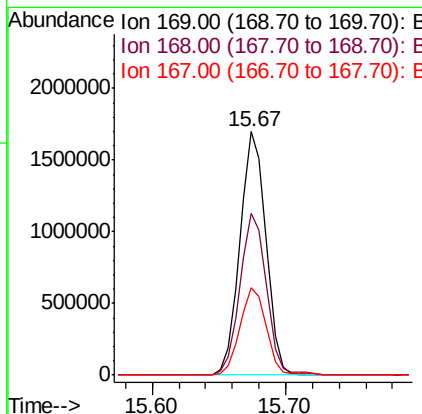
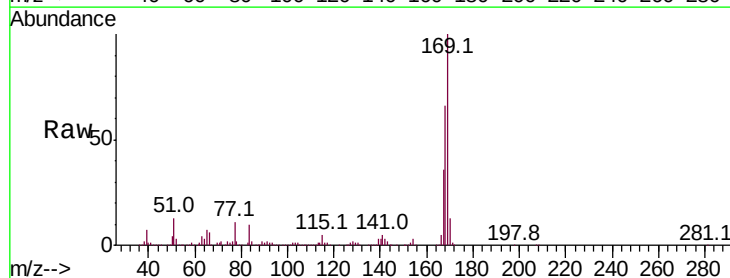
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM010919

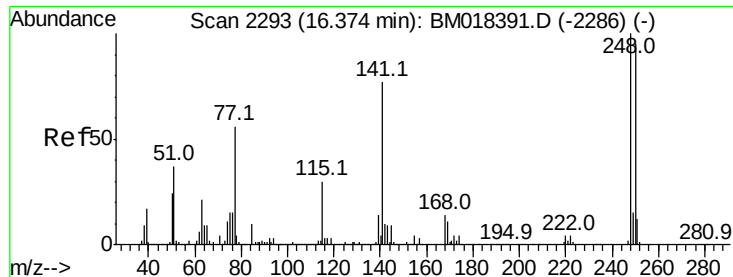
Tot Ion	Ratio	Lower	Upper
198	100		
51	42.3	29.6	69.6
105	40.6	25.5	65.5



#66
 n-Nitrosodiphenylamine
 Concen: 40.516 ng
 RT: 15.67 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	54.1	81.1
167	35.7	28.6	42.8

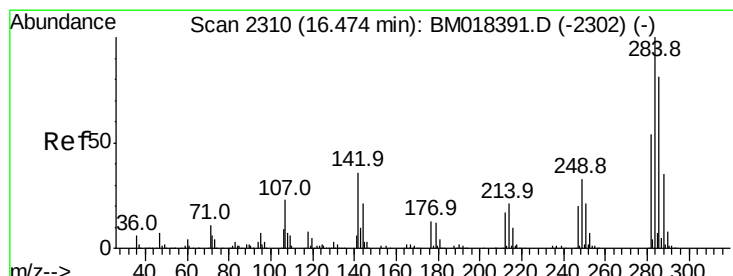
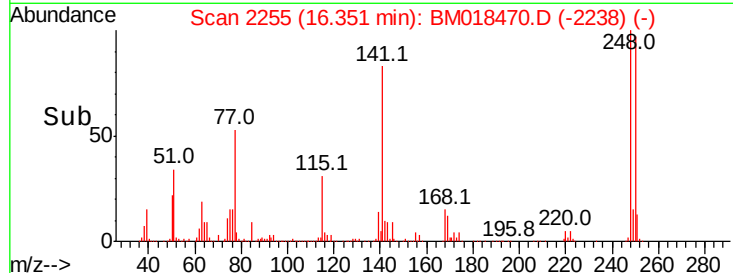
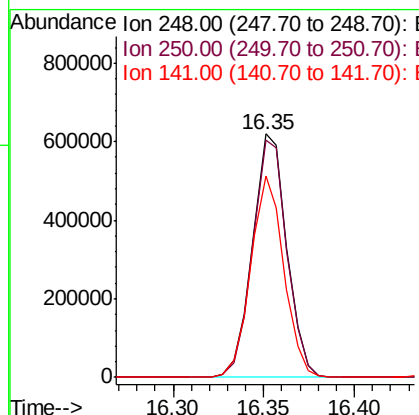
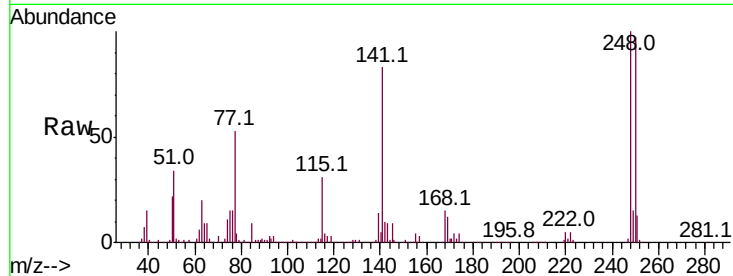




#67
 4-Bromophenyl-phenylether
 Concen: 40.055 ng
 RT: 16.35 min Scan# 2255
 Delta R.T. 0.00 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

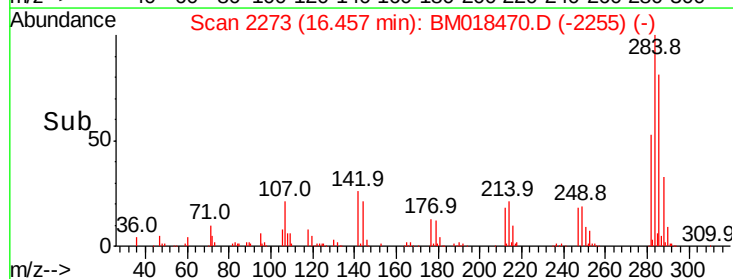
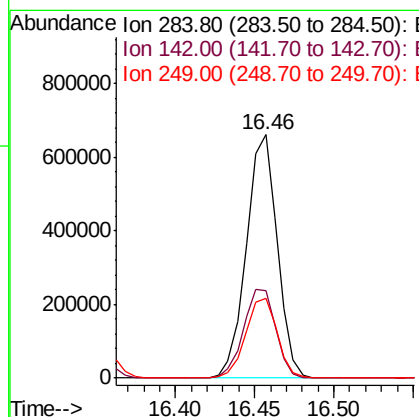
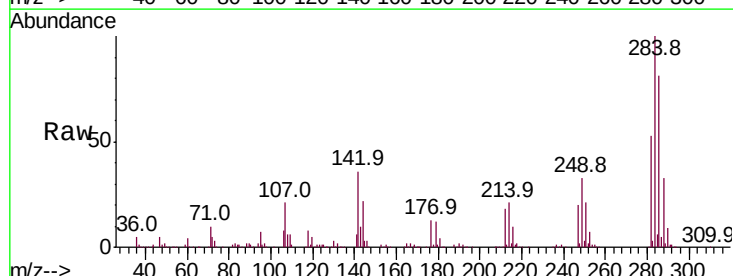
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM010919

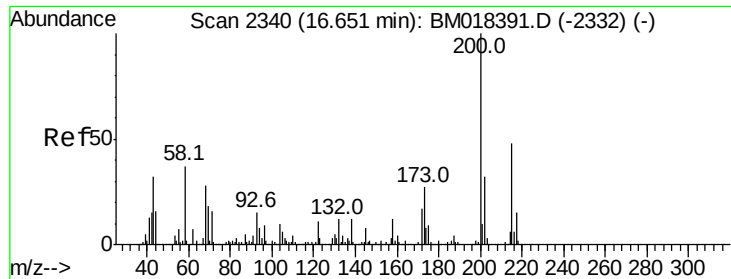
Tot Ion:	248	Resp:	811507
Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.0	114.0
141	82.8	61.5	92.3



#68
 Hexachlorobenzene
 Concen: 39.445 ng
 RT: 16.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

Tgt Ion:	284	Resp:	894631
Ion	Ratio	Lower	Upper
284	100		
142	36.0	29.2	43.8
249	33.0	26.1	39.1

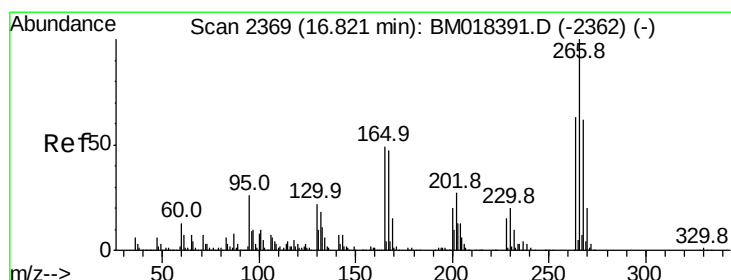
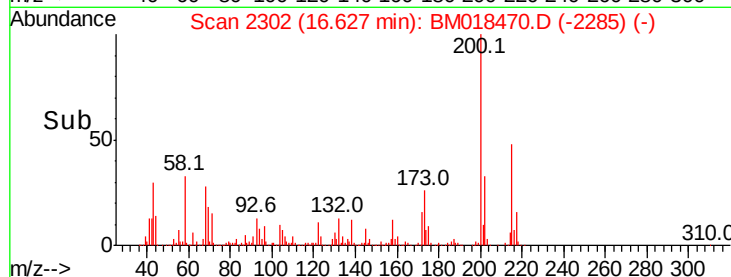
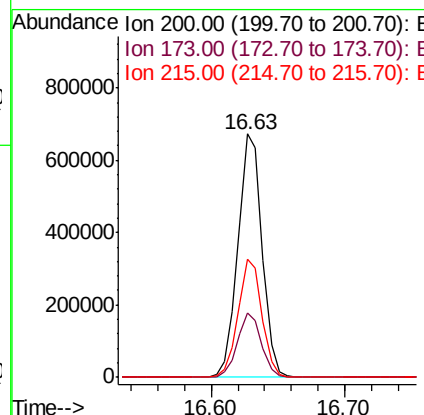
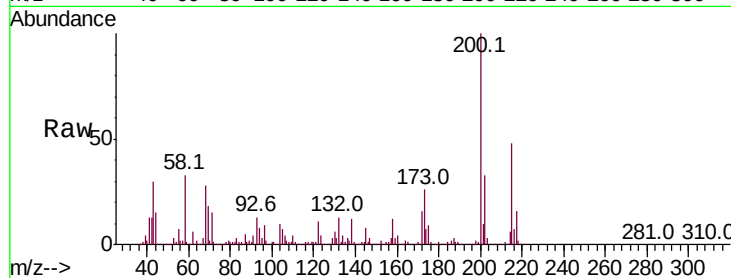




#69
 Atrazine
 Concen: 41.989 ng
 RT: 16.63 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

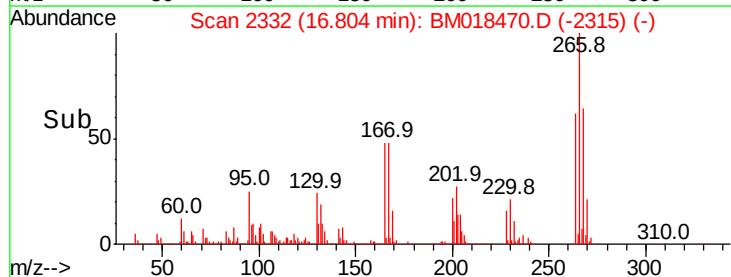
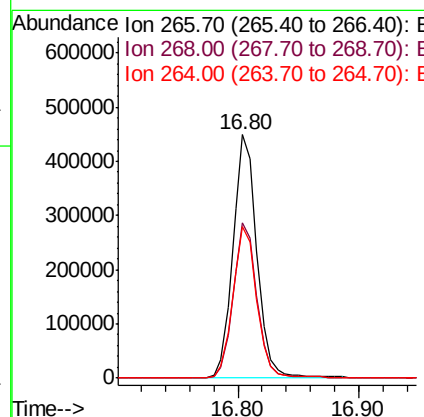
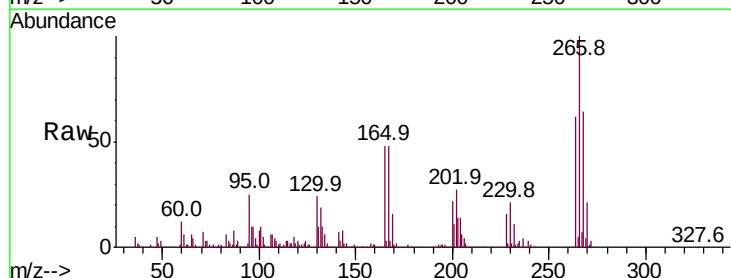
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM010919

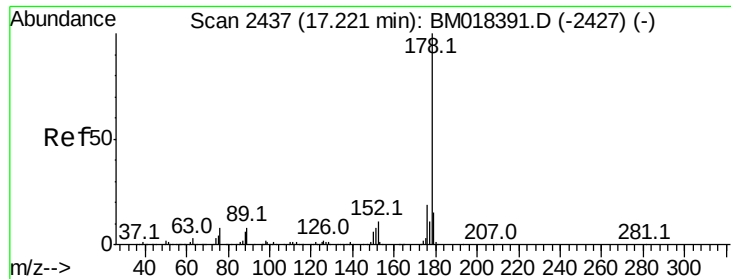
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	7.2	47.2
215	48.3	28.3	68.3



#70
 Pentachlorophenol
 Concen: 41.646 ng
 RT: 16.80 min Scan# 2332
 Delta R.T. 0.00 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	49.8	74.6
264	62.0	50.1	75.1

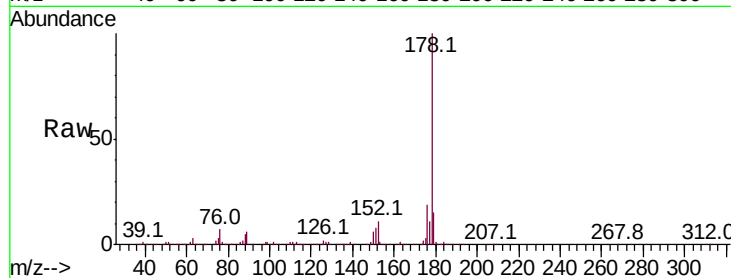




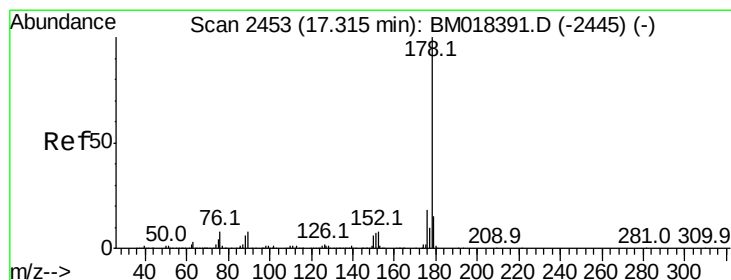
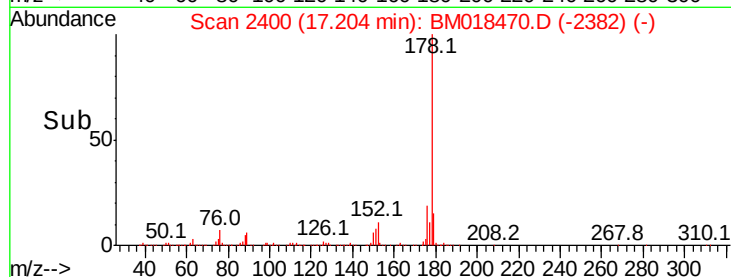
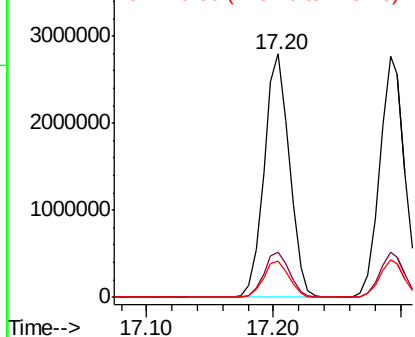
#71
Phenanthrene
Concen: 40.121 ng
RT: 17.20 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Instrument :
BNA_M
ClientSampleId :
ICVBM010919

Tot Ion:178 Resp: 3863484
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.0 12.2 18.4

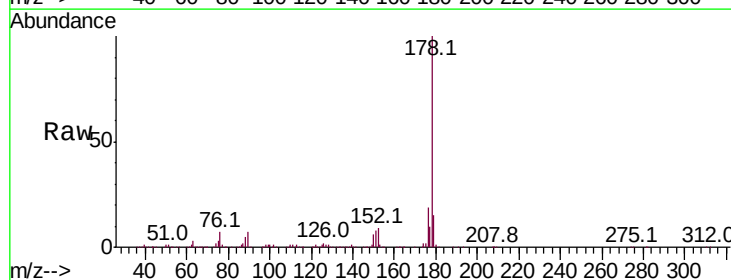


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

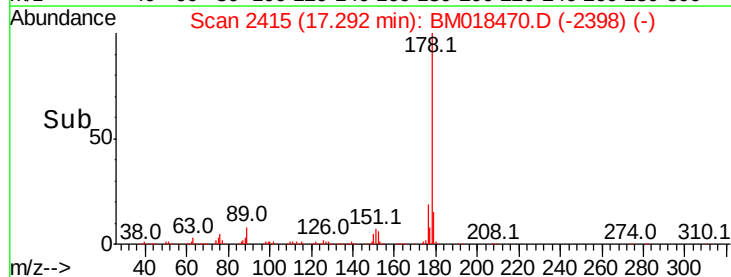
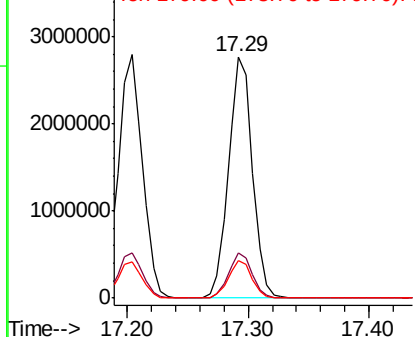


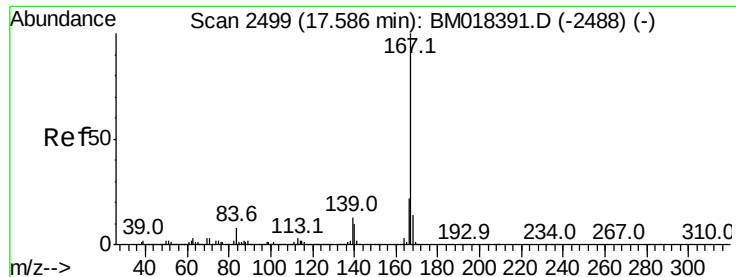
#72
Anthracene
Concen: 40.941 ng
RT: 17.29 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BM018470.D
Acq: 09 Jan 2019 12:39

Tgt Ion:178 Resp: 3791109
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.4 12.2 18.4



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

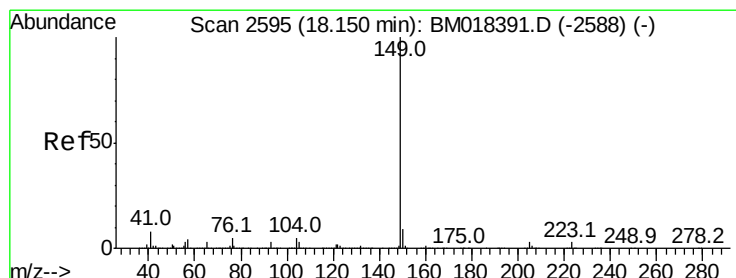
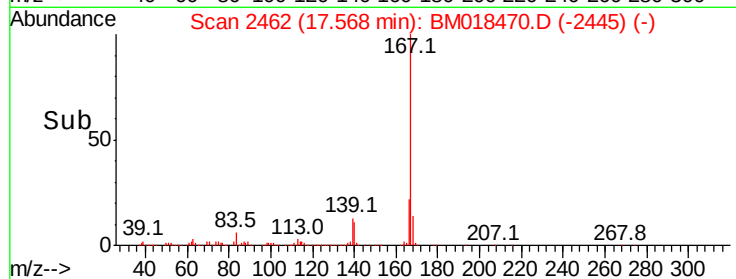
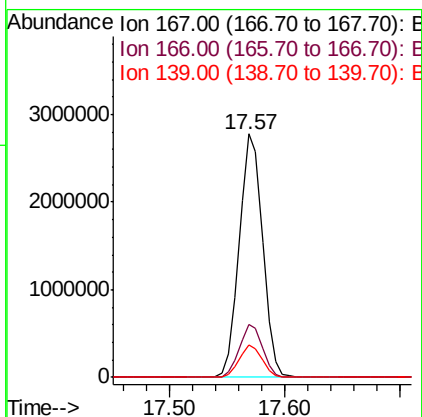
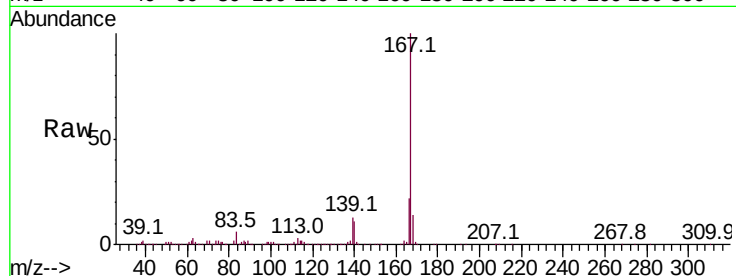




#73
 Carbazole
 Concen: 40.997 ng
 RT: 17.57 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

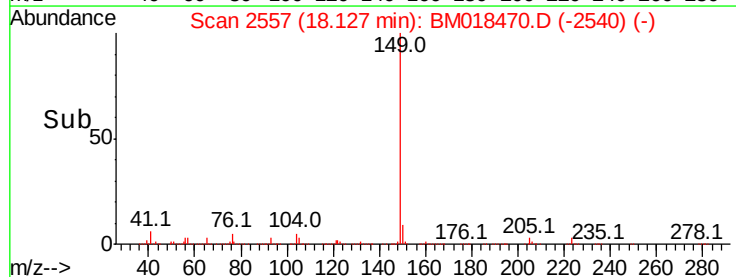
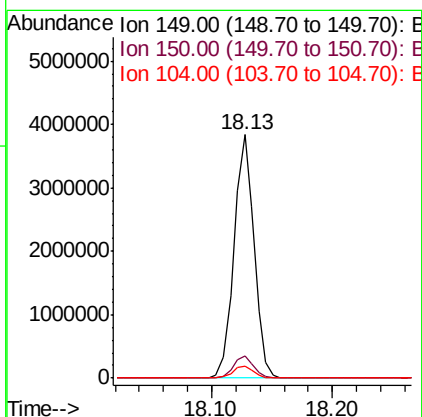
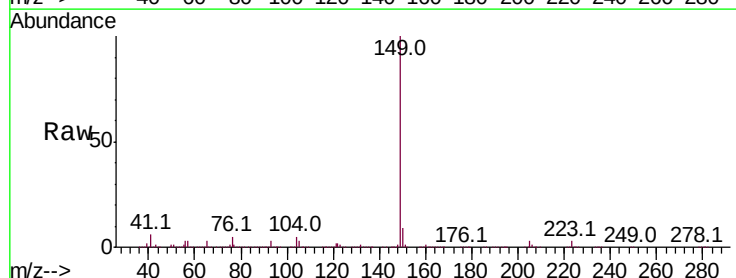
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM010919

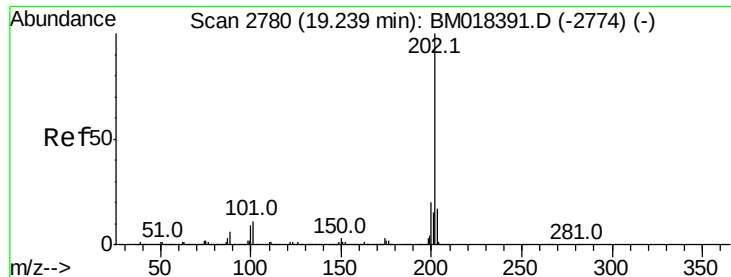
Tot Ion:167 Resp: 3900291
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 42.571 ng
 RT: 18.13 min Scan# 2557
 Delta R.T. 0.00 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

Tgt Ion:149 Resp: 4436255
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.1 4.2 6.4





#75

Fluoranthene

Concen: 40.740 ng

RT: 19.22 min Scan# 2743

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

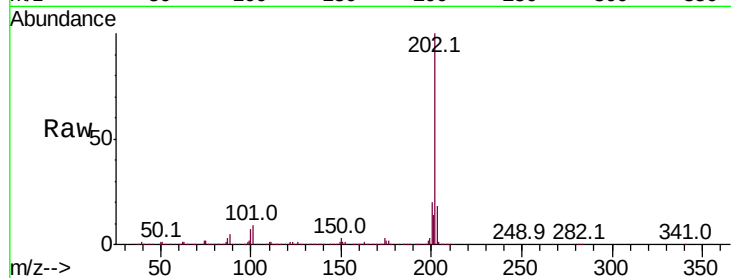
Tot Ion:202 Resp: 4523039

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.9

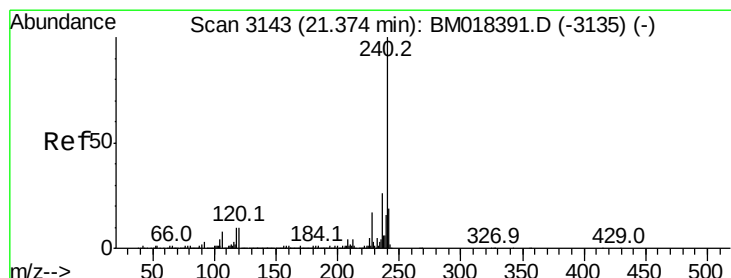
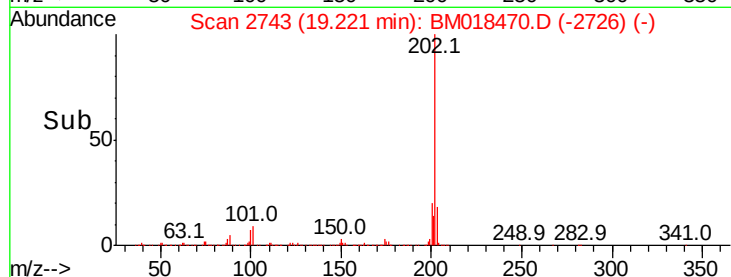
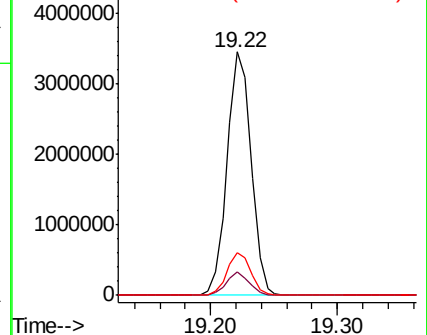
203 17.5 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

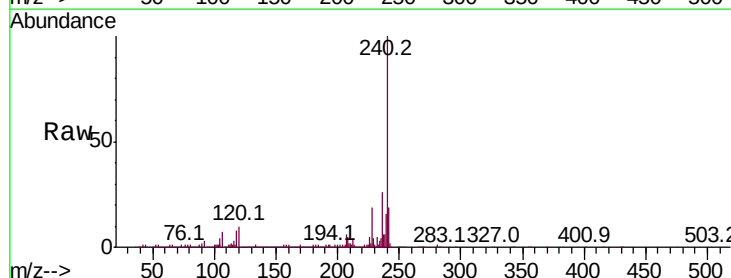
Tgt Ion:240 Resp: 1941676

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

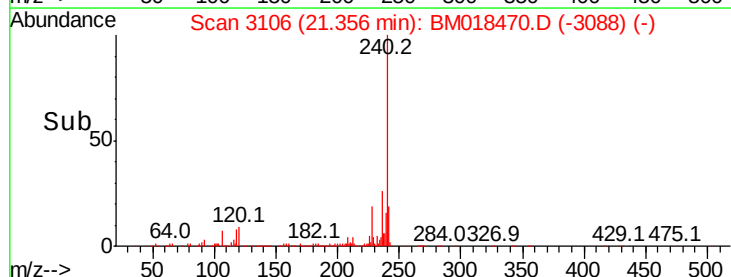
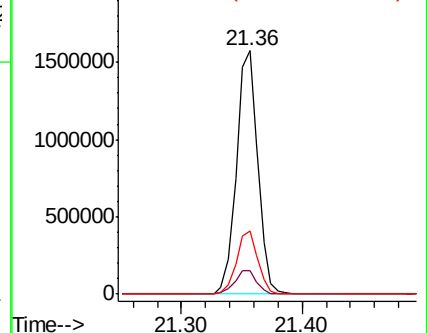
236 25.9 20.7 31.1

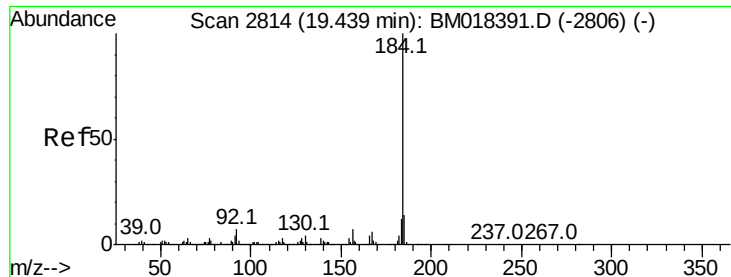


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.951 ng

RT: 19.42 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

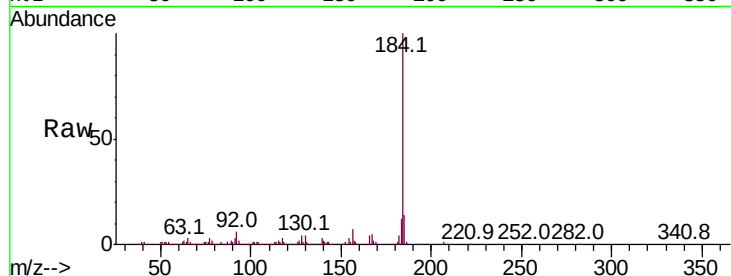
Tot Ion:184 Resp: 1915370

Ion Ratio Lower Upper

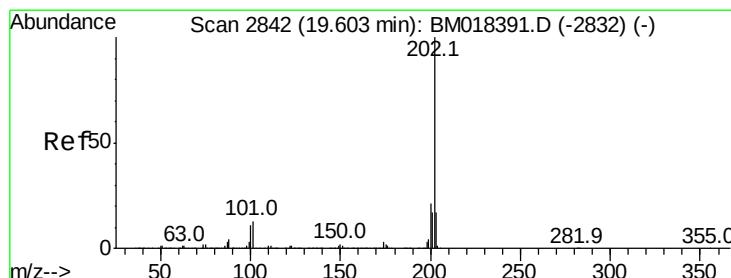
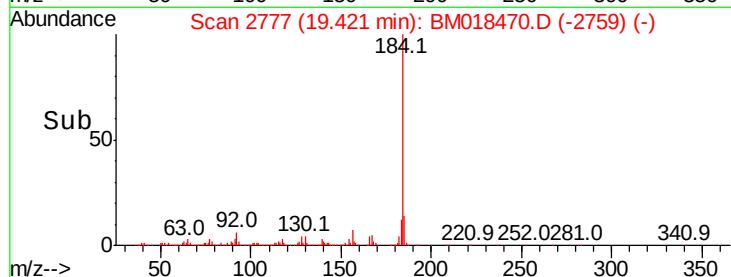
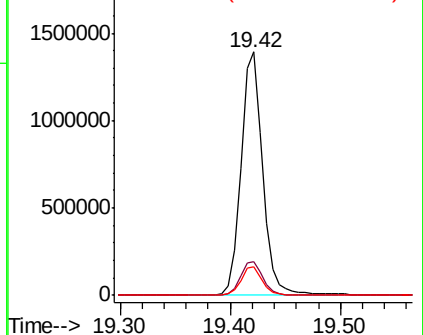
184 100

185 14.0 11.4 17.0

183 11.8 9.5 14.3



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: 41.267 ng

RT: 19.59 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

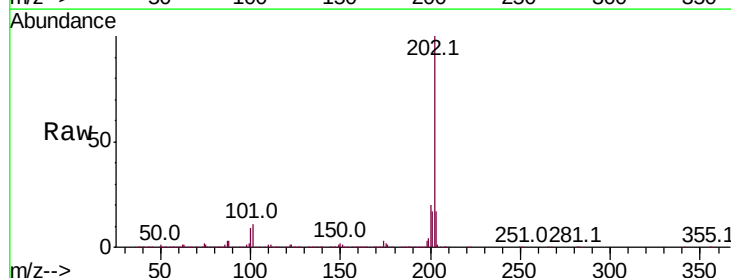
Tgt Ion:202 Resp: 4749527

Ion Ratio Lower Upper

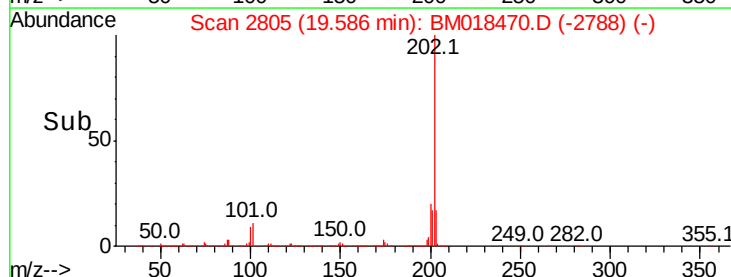
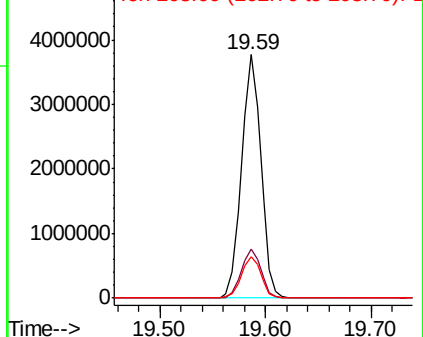
202 100

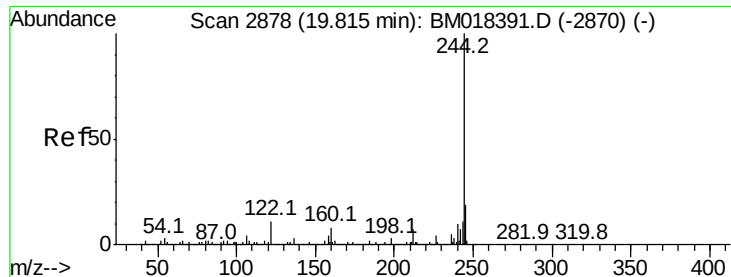
200 20.3 16.6 24.8

203 17.2 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

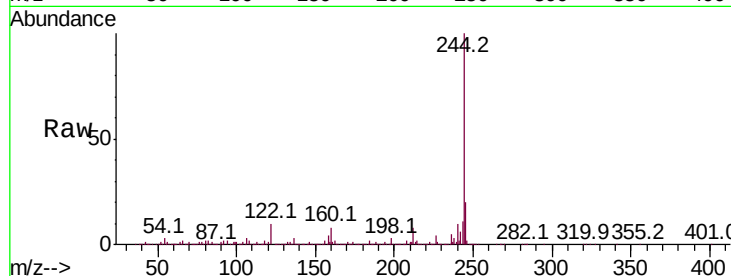




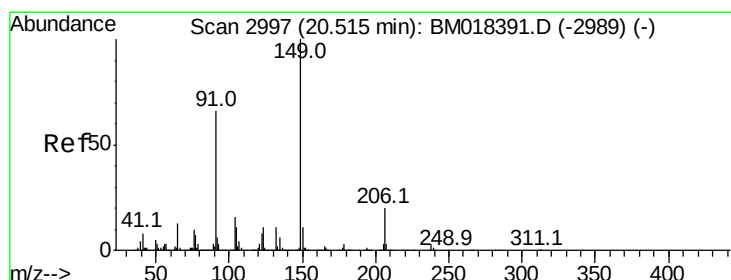
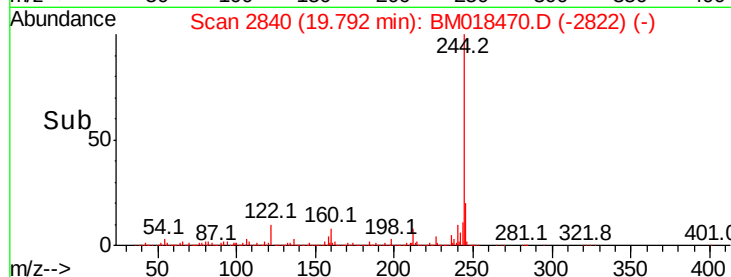
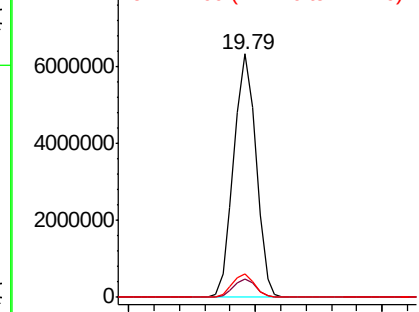
#79
 Terphenyl-d14
 Concen: 83.972 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

Instrument :
 BNA_M
 ClientSampleId :
 ICBM010919

Tot Ion:244 Resp: 7734509
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 9.9 9.0 13.4

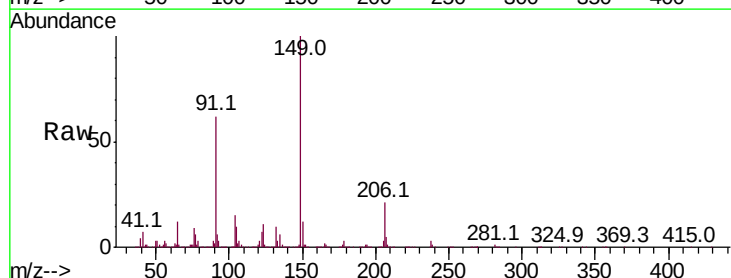


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

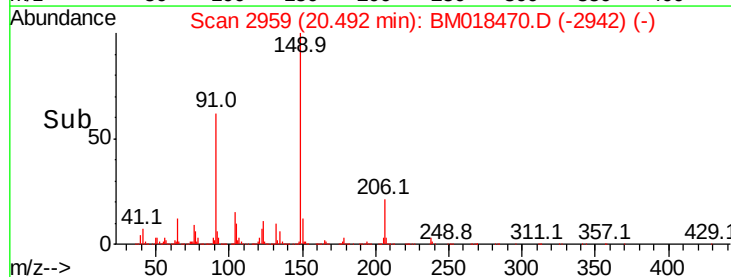
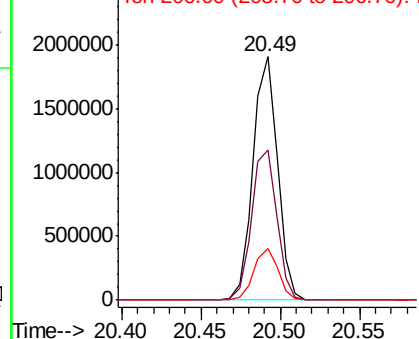


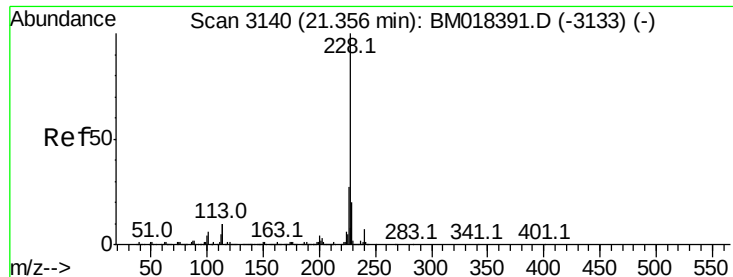
#80
 Butylbenzylphthalate
 Concen: 41.735 ng
 RT: 20.49 min Scan# 2959
 Delta R.T. 0.00 min
 Lab File: BM018470.D
 Acq: 09 Jan 2019 12:39

Tgt Ion:149 Resp: 2049675
 Ion Ratio Lower Upper
 149 100
 91 61.7 53.1 79.7
 206 21.1 16.2 24.4



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: 40.265 ng

RT: 21.34 min Scan# 3103

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

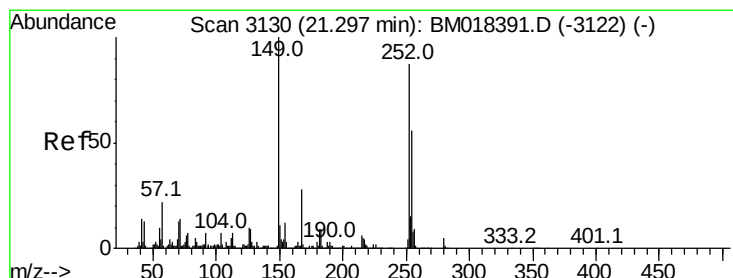
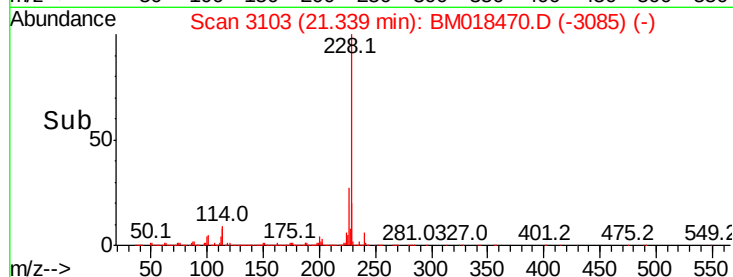
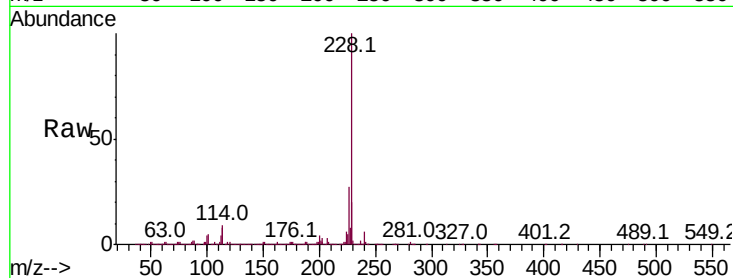
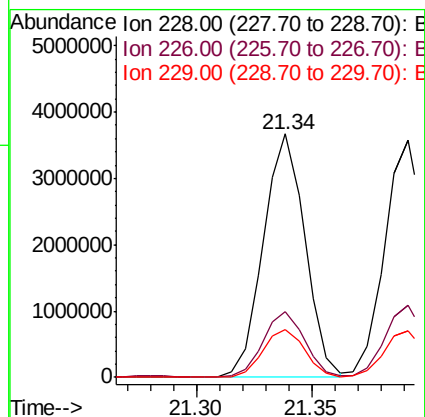
BNA_M

ClientSampleId :

ICVBM010919

Tot Ion:228 Resp: 4605788

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.6
229	19.7	15.8	23.8



#82

3,3'-Dichlorobenzidine

Concen: 42.201 ng

RT: 21.28 min Scan# 3093

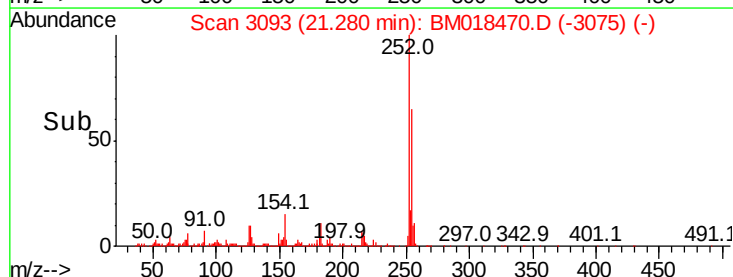
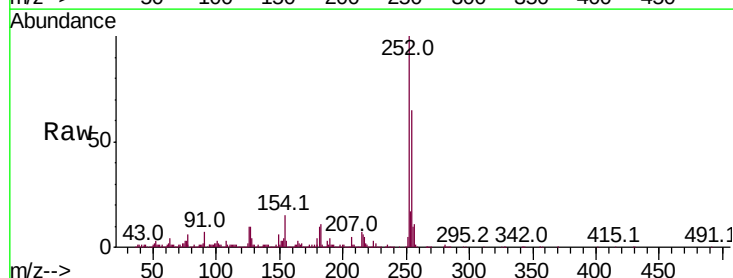
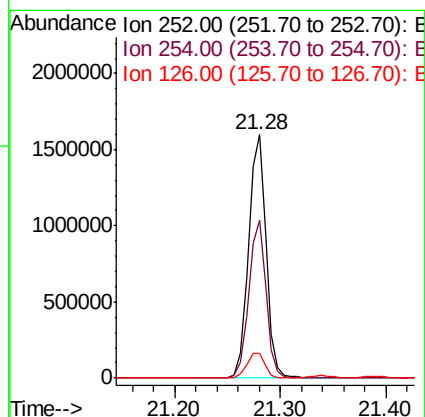
Delta R.T. 0.01 min

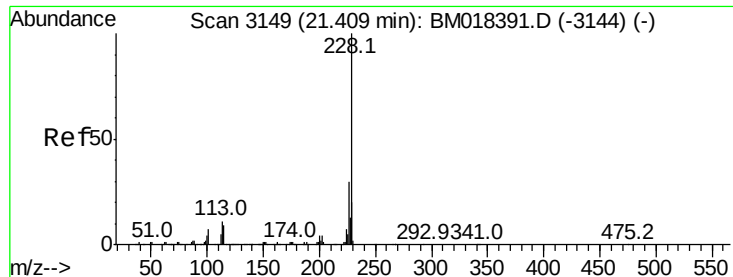
Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Tgt Ion:252 Resp: 1825407

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.4	77.0
126	10.3	8.7	13.1





#83

Chrysene

Concen: 40.528 ng

RT: 21.39 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

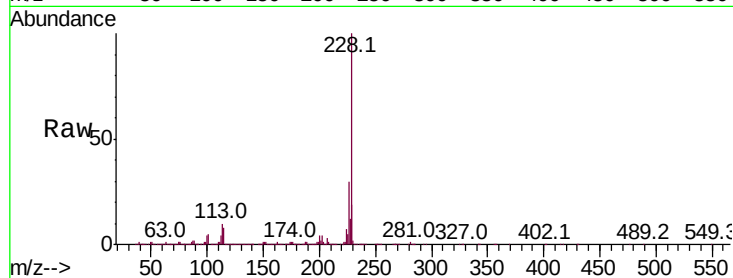
Tot Ion:228 Resp: 4476641

Ion Ratio Lower Upper

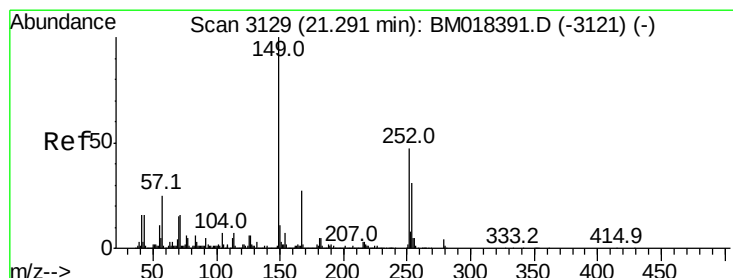
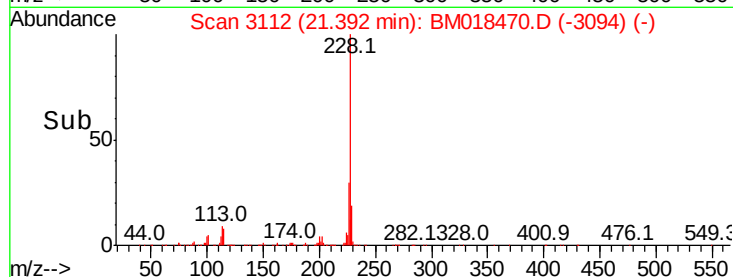
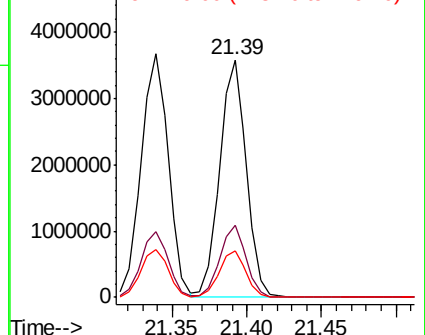
228 100

226 30.1 24.2 36.2

229 19.4 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
5000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.616 ng

RT: 21.26 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

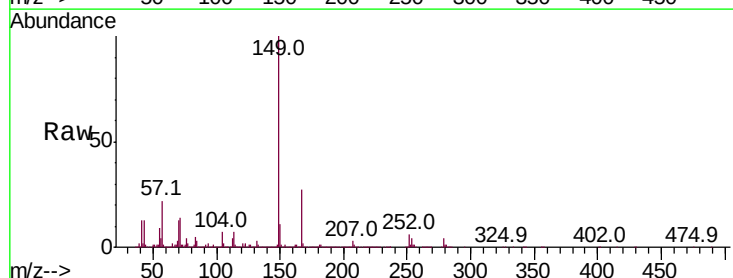
Tgt Ion:149 Resp: 2951313

Ion Ratio Lower Upper

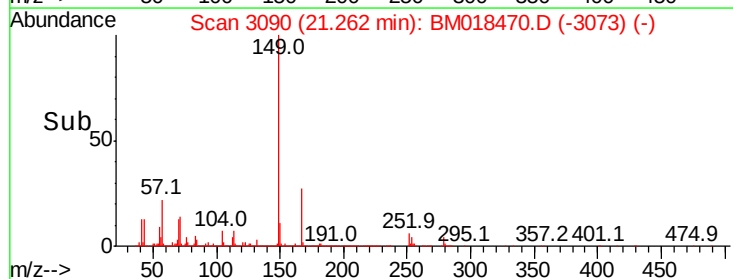
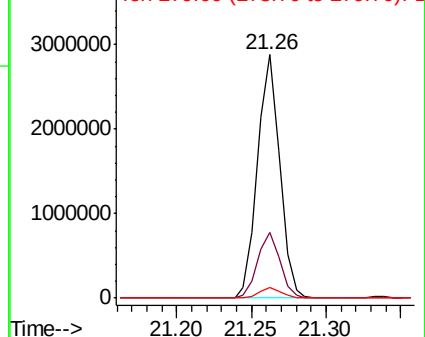
149 100

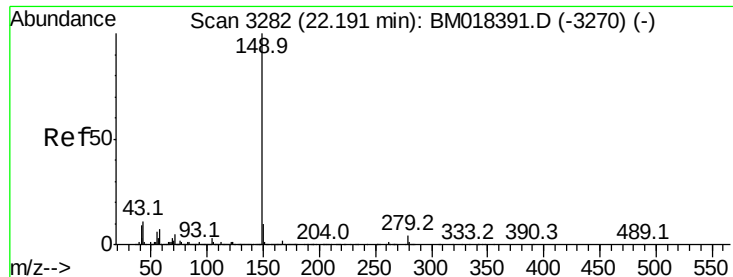
167 26.8 21.6 32.4

279 4.3 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E
4000000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.429 ng

RT: 22.16 min Scan# 3242

Delta R.T. 0.00 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

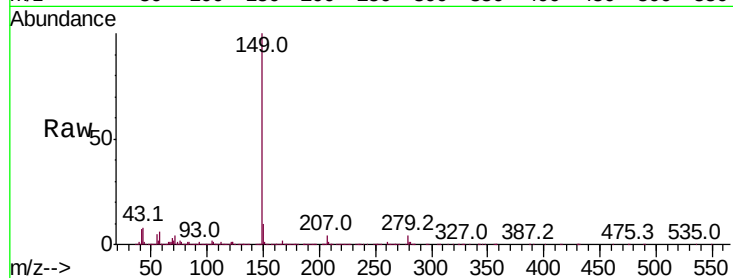
Tot Ion:149 Resp: 4941538

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

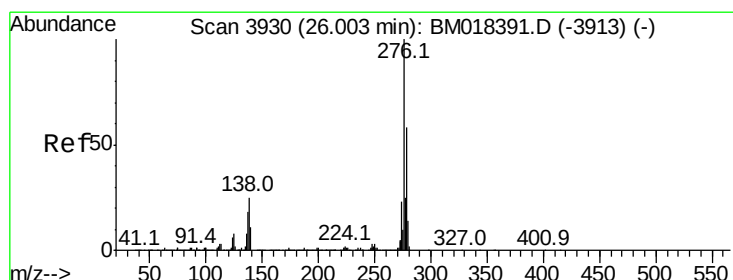
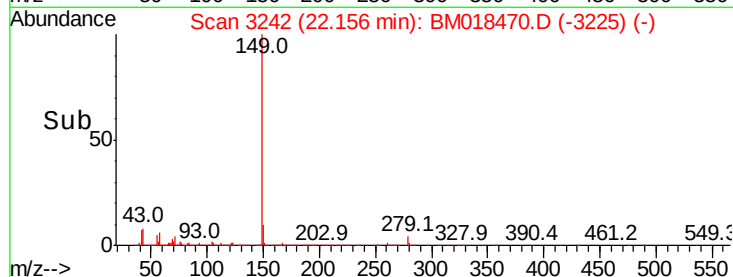
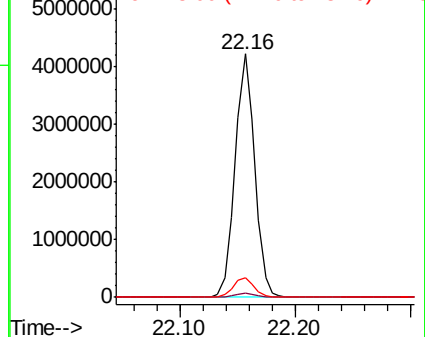
43 8.5 8.6 12.8#



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: 40.853 ng

RT: 25.96 min Scan# 3889

Delta R.T. 0.02 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

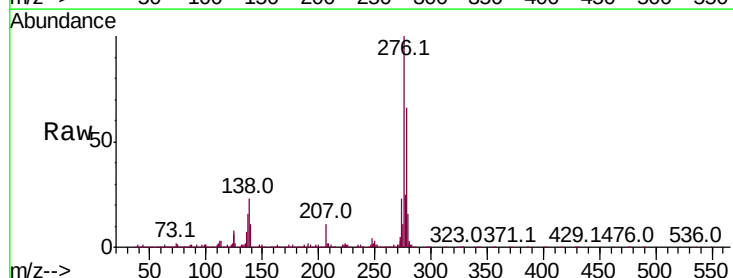
Tgt Ion:276 Resp: 5203472

Ion Ratio Lower Upper

276 100

138 24.0 21.5 32.3

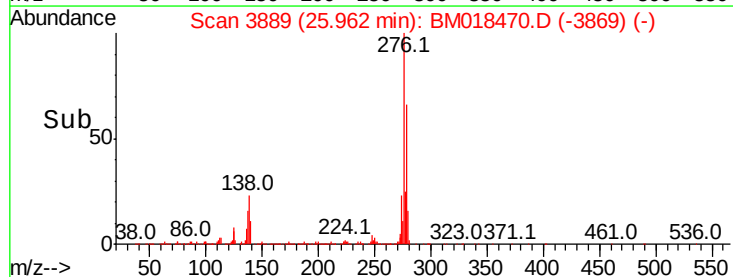
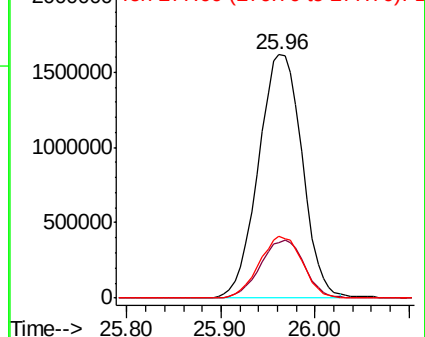
277 25.1 20.2 30.2

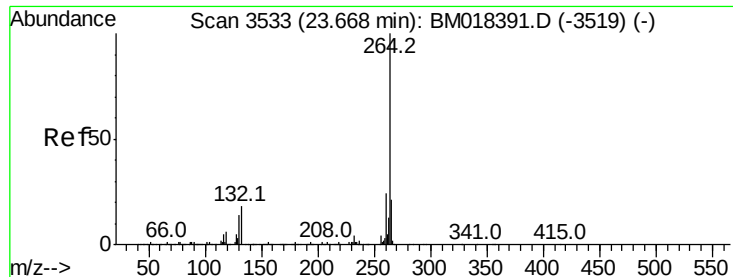


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.64 min Scan# 3494

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

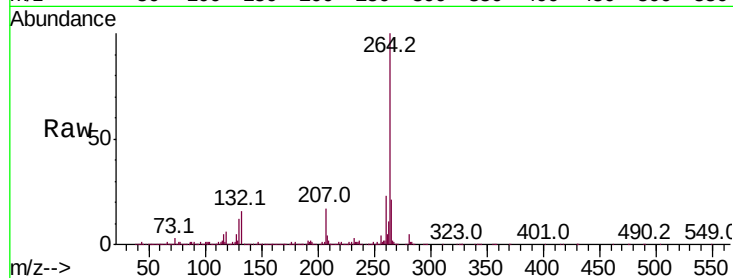
Tot Ion:264 Resp: 1968736

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

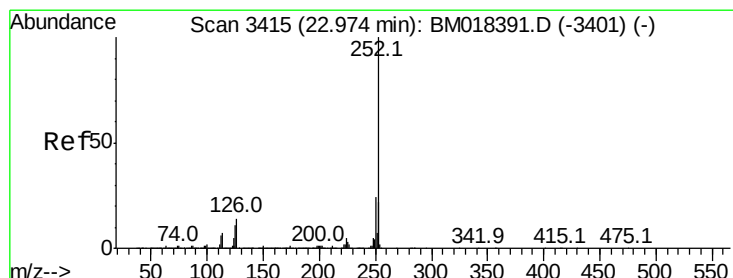
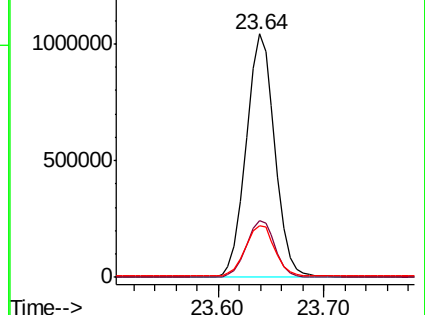
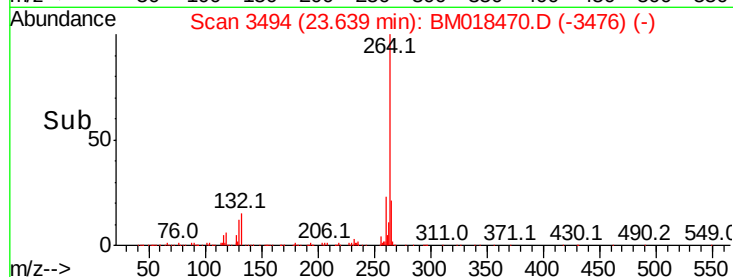
265 21.4 16.8 25.2



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: 41.490 ng

RT: 22.95 min Scan# 3377

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

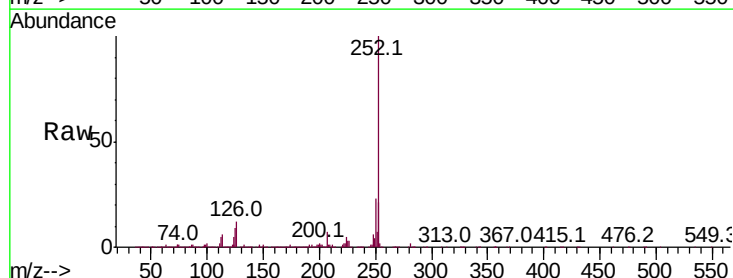
Tgt Ion:252 Resp: 4637332

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

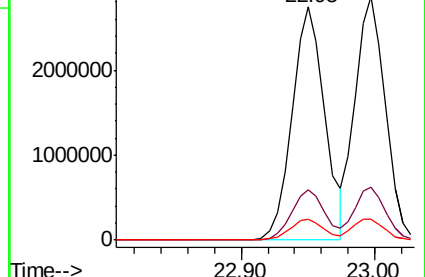
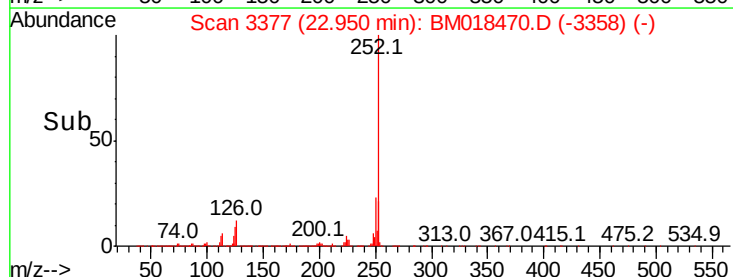
125 9.1 8.5 12.7

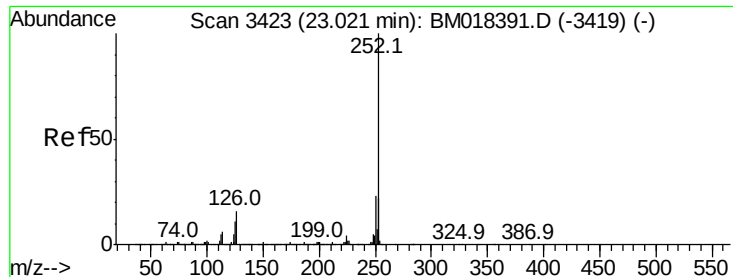


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.739 ng

RT: 23.00 min Scan# 3385

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

BNA_M

ClientSampleId :

ICVBM010919

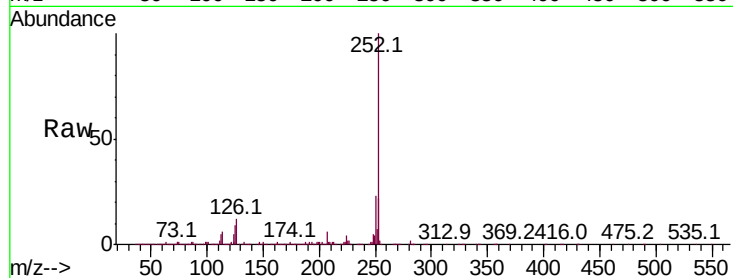
Tot Ion:252 Resp: 4476208

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 8.8 8.6 12.8

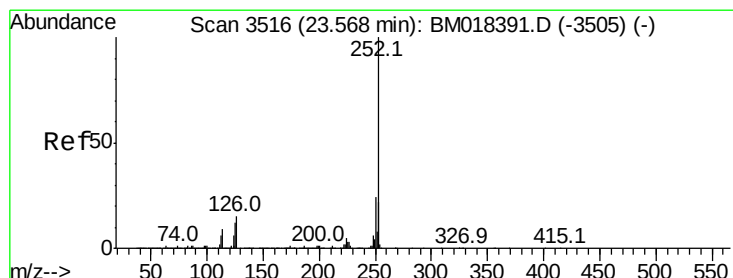
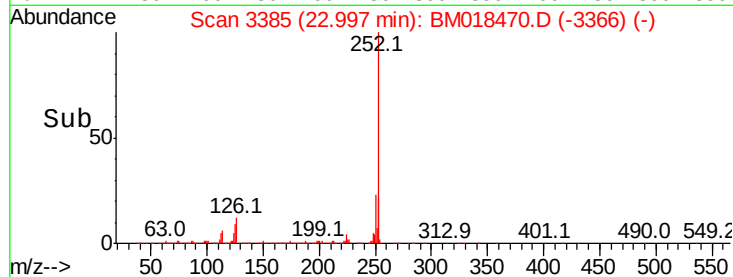
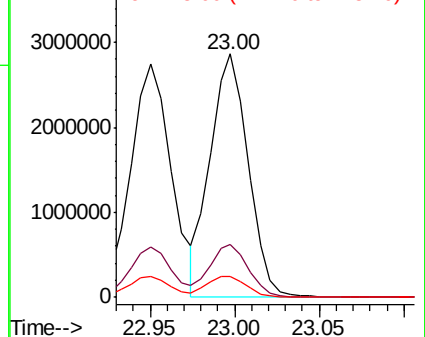


Abundance

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



#90

Benzo(a)pyrene

Concen: 40.794 ng

RT: 23.54 min Scan# 3477

Delta R.T. 0.01 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

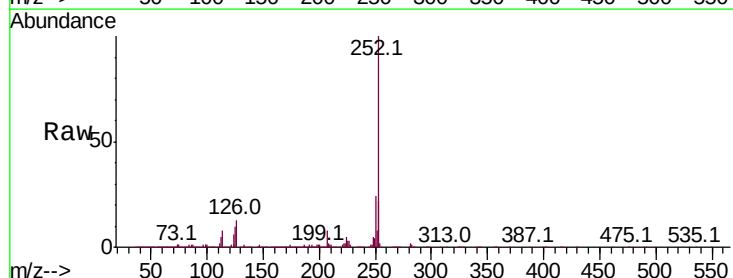
Tgt Ion:252 Resp: 4365144

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.1 9.7 14.5

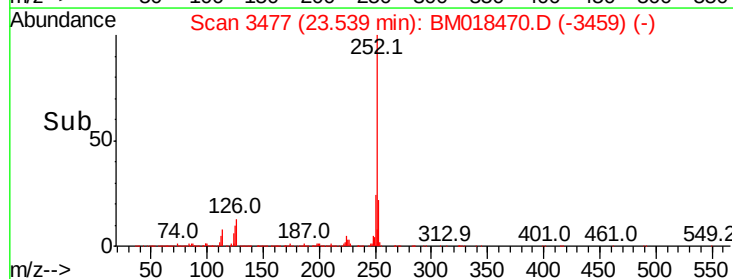
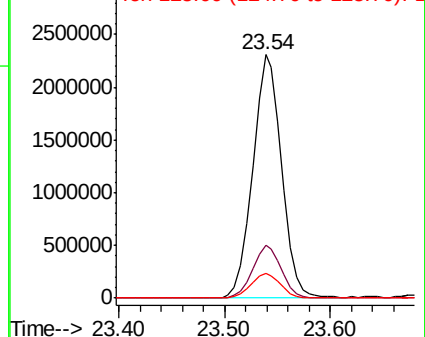


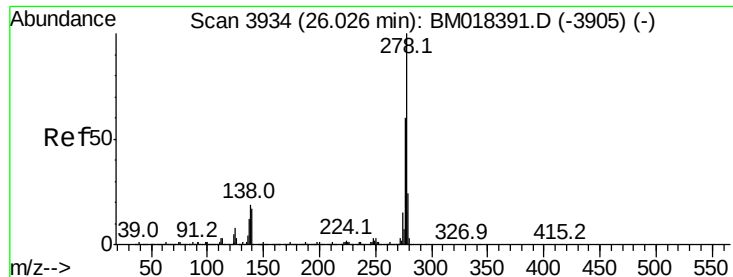
Abundance

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: 40.438 ng

RT: 25.98 min Scan# 3892

Delta R.T. 0.02 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Instrument :

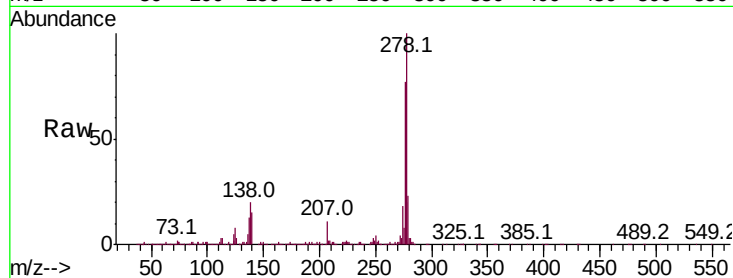
BNA_M

ClientSampleId :

ICVBM010919

Tot Ion:278 Resp: 4384324

Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.2	19.8
279	23.3	19.0	28.4

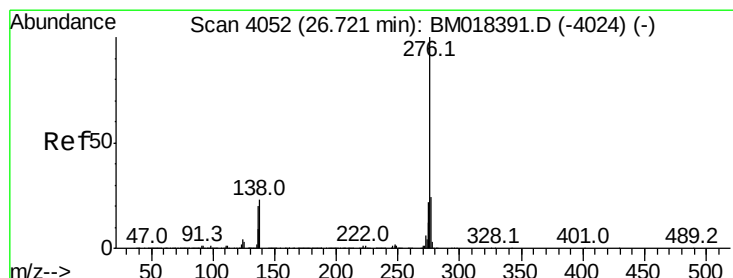
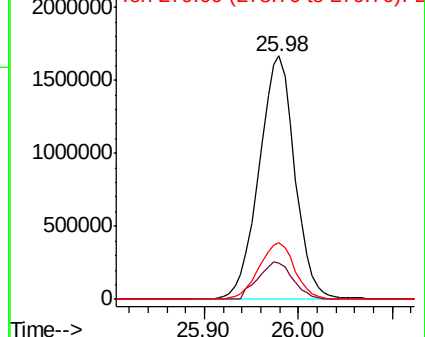
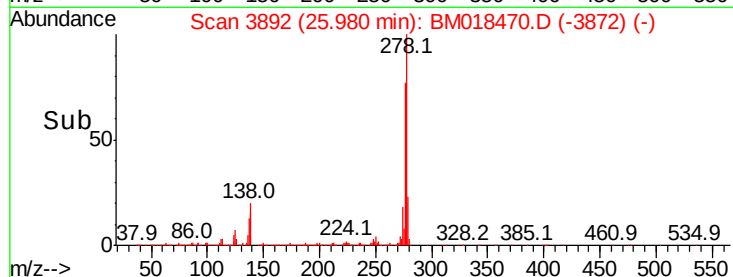


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.525 ng

RT: 26.68 min Scan# 4011

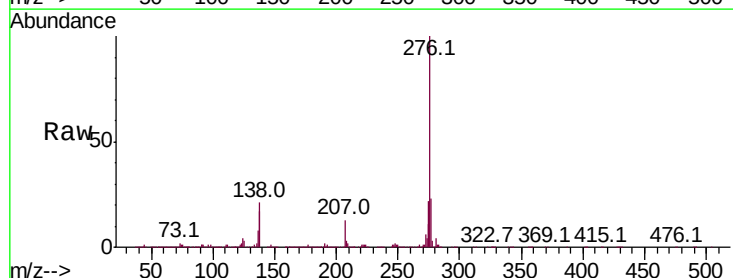
Delta R.T. 0.02 min

Lab File: BM018470.D

Acq: 09 Jan 2019 12:39

Tgt Ion:276 Resp: 4275696

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	20.8	18.1	27.1



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

