

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
 Data File : BM018531.D
 Acq On : 11 Jan 2019 07:34
 Operator : JU/SJ
 Sample : PB116287BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 11 10:25:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	491532	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	2100418	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	1233879	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2783571	20.00	ng	0.00
76) Chrysene-d12	21.35	240	2530865	20.00	ng	0.00
87) Perylene-d12	23.64	264	2238508	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1935623	72.71	ng	0.00
7) Phenol-d6	6.93	99	2546882	75.33	ng	0.00
23) Nitrobenzene-d5	8.93	82	2290956	63.23	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1021679	65.03	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	6091278	64.42	ng	0.00
79) Terphenyl-d14	19.79	244	7857447	65.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	247873	22.846	ng	96
3) Pyridine	3.68	79	722291	26.703	ng	95
4) n-Nitrosodimethylamine	3.60	42	376014	33.617	ng	# 94
6) Aniline	7.10	93	616767	16.353	ng	99
8) 2-Chlorophenol	7.33	128	1123997	36.153	ng	94
9) Benzaldehyde	6.91	77	310999	13.338	ng	98
10) Phenol	6.96	94	1242392	36.161	ng	98
11) bis(2-Chloroethyl)ether	7.19	93	850767	31.515	ng	95
12) 1,3-Dichlorobenzene	7.65	146	1113716	30.080	ng	99
13) 1,4-Dichlorobenzene	7.79	146	1138806	30.347	ng	99
14) 1,2-Dichlorobenzene	8.11	146	1102025	30.970	ng	98
15) Benzyl Alcohol	8.00	79	881440	36.095	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.29	45	1083647	31.411	ng	94
17) 2-Methylphenol	8.20	107	875528	37.542	ng	99
18) Hexachloroethane	8.83	117	397275	29.691	ng	94
19) n-Nitroso-di-n-propylamine	8.56	70	716607	32.569	ng	94
20) 3+4-Methylphenols	8.53	107	1210891	37.612	ng	97
22) Acetophenone	8.59	105	1464283	28.181	ng	# 98
24) Nitrobenzene	8.97	77	1084643	30.425	ng	97
25) Isophorone	9.49	82	1988418	36.242	ng	98
26) 2-Nitrophenol	9.67	139	518787	30.095	ng	94
27) 2,4-Dimethylphenol	9.73	122	1021460	39.533	ng	98
28) bis(2-Chloroethoxy)methane	9.97	93	1229048	32.427	ng	99
29) 2,4-Dichlorophenol	10.20	162	1104214	35.890	ng	99
30) 1,2,4-Trichlorobenzene	10.41	180	1132437	29.654	ng	99
31) Naphthalene	10.60	128	3290065	32.524	ng	100
32) Benzoic acid	9.86	122	422832	27.515	ng	96
33) 4-Chloroaniline	10.72	127	448542	11.259	ng	98
34) Hexachlorobutadiene	10.87	225	679630	28.171	ng	98
35) Caprolactam	11.52	113	328437	31.398	ng	89
36) 4-Chloro-3-methylphenol	11.85	107	1136061	35.196	ng	100
37) 2-Methylnaphthalene	12.22	142	2503054	35.022	ng	99
38) 1-Methylnaphthalene	12.44	142	2377604	34.382	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	1299147	30.109	ng	99

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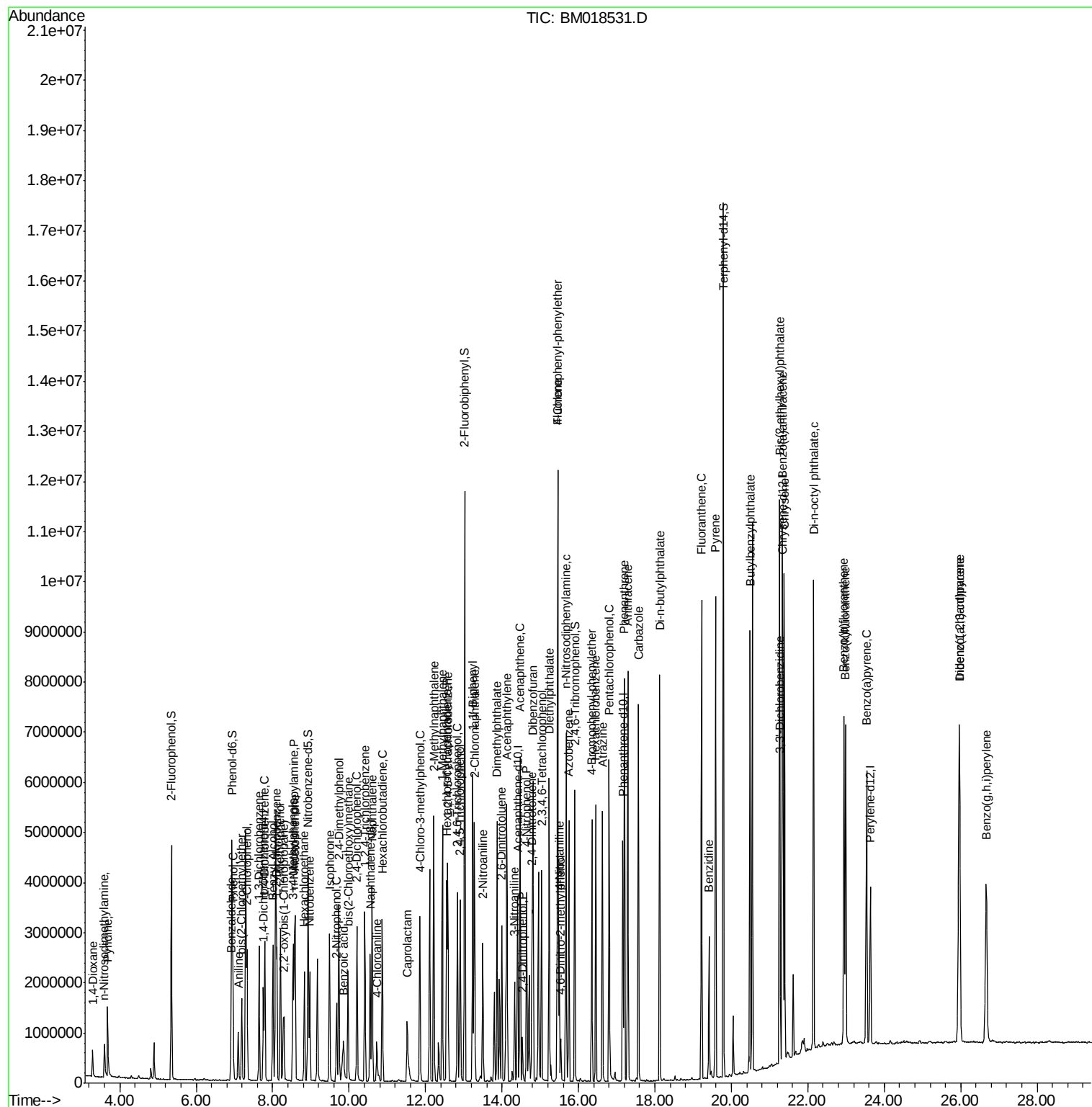
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	1121855	47.374	ng	100
43) 2,4,6-Trichlorophenol	12.83	196	903439	34.480	ng	100
44) 2,4,5-Trichlorophenol	12.91	196	961470	34.890	ng	96
46) 1,1'-Biphenyl	13.24	154	3230084	29.981	ng	98
47) 2-Chloronaphthalene	13.28	162	2512681	30.076	ng	100
48) 2-Nitroaniline	13.50	65	692633	33.698	ng	93
49) Acenaphthylene	14.13	152	4120019	33.840	ng	100
50) Dimethylphthalate	13.87	163	3265883	32.229	ng	100
51) 2,6-Dinitrotoluene	14.00	165	701656	32.688	ng	88
52) Acenaphthene	14.47	154	2365653	31.756	ng	98
53) 3-Nitroaniline	14.33	138	506161	23.390	ng	95
54) 2,4-Dinitrophenol	14.53	184	200915	22.935	ng	# 91
55) Dibenzofuran	14.81	168	3867045	31.417	ng	98
56) 4-Nitrophenol	14.64	139	1010671	54.061	ng	94
57) 2,4-Dinitrotoluene	14.78	165	936759	30.844	ng	100
58) Fluorene	15.46	166	3121345	34.042	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	817665	33.475	ng	96
60) Diethylphthalate	15.23	149	3375179	32.993	ng	99
61) 4-Chlorophenyl-phenylether	15.45	204	1613819	30.538	ng	99
62) 4-Nitroaniline	15.50	138	792512	33.575	ng	98
63) Azobenzene	15.74	77	2656380	31.849	ng	97
65) 4,6-Dinitro-2-methylphenol	15.54	198	181088	14.453	ng	90
66) n-Nitrosodiphenylamine	15.67	169	2773975	32.127	ng	99
67) 4-Bromophenyl-phenylether	16.35	248	982157	31.530	ng	97
68) Hexachlorobenzene	16.45	284	1076385	30.867	ng	100
69) Atrazine	16.63	200	1016110	32.552	ng	99
70) Pentachlorophenol	16.80	266	1073026	46.984	ng	98
71) Phenanthrene	17.20	178	4962371	33.517	ng	99
72) Anthracene	17.29	178	5013798	35.216	ng	100
73) Carbazole	17.57	167	4535382	31.006	ng	99
74) Di-n-butylphthalate	18.12	149	5625348	35.109	ng	100
75) Fluoranthene	19.22	202	5705076	33.422	ng	97
77) Benzidine	19.42	184	1528613	24.461	ng	100
78) Pyrene	19.59	202	5734647	38.227	ng	99
80) Butylbenzylphthalate	20.49	149	2570589	40.157	ng	97
81) Benzo(a)anthracene	21.34	228	5126273	34.382	ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	1157922	20.538	ng	100
83) Chrysene	21.39	228	4727879	32.838	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	3628685	39.256	ng	99
85) Di-n-octyl phthalate	22.15	149	6022761	38.739	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.96	276	4744569	28.578	ng	96
88) Benzo(b)fluoranthene	22.94	252	4488502	35.319	ng	99
89) Benzo(k)fluoranthene	22.99	252	4358811	34.034	ng	98
90) Benzo(a)pyrene	23.54	252	4203200	34.547	ng	98
91) Dibenzo(a,h)anthracene	25.97	278	4010325	32.531	ng	98
92) Benzo(g,h,i)perylene	26.67	276	3913927	32.626	ng	97

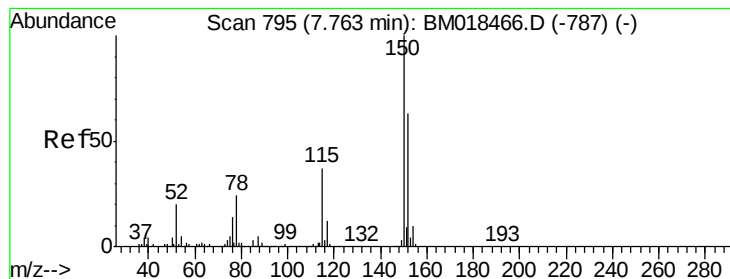
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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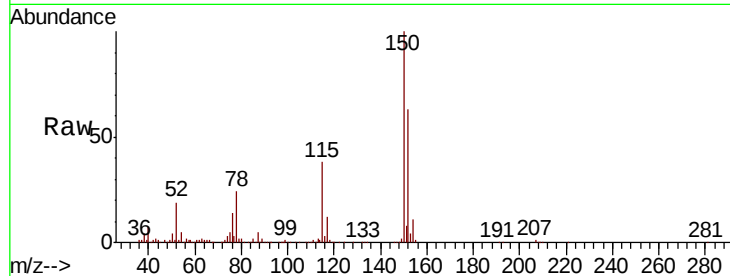


#1

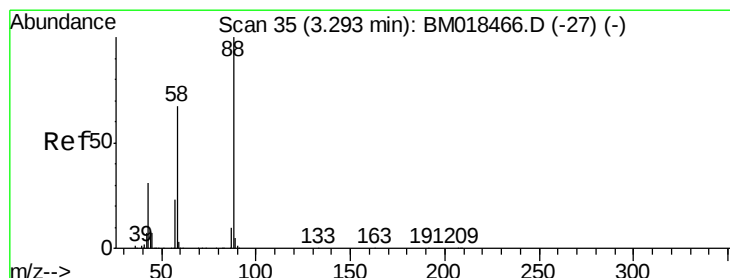
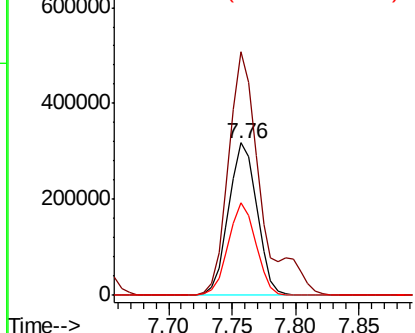
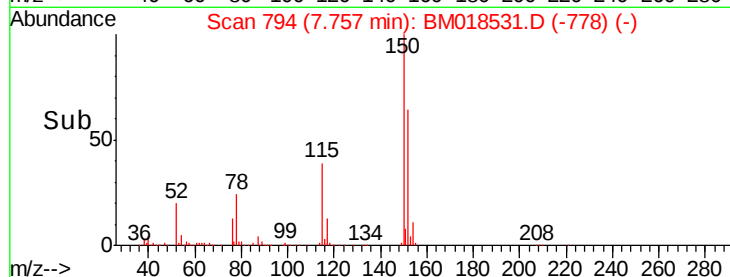
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.9	190.3
115	61.1	45.5	68.3



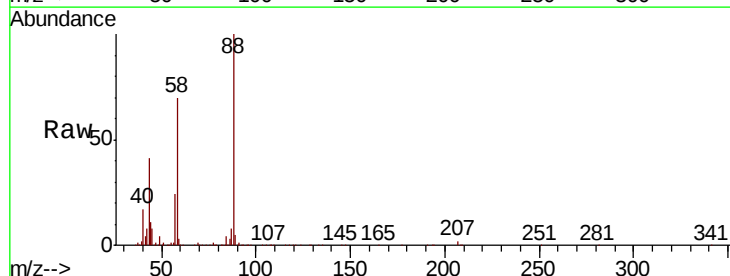
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



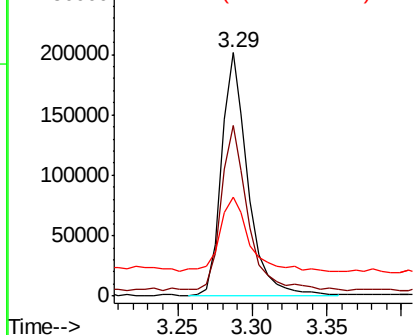
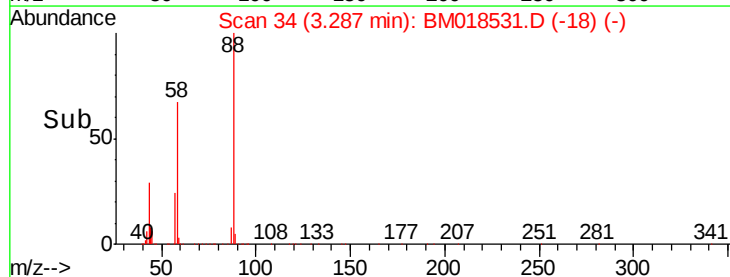
#2

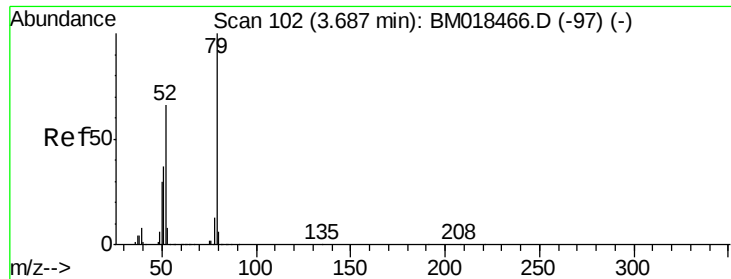
1,4-Dioxane
Concen: 22.846 ng
RT: 3.29 min Scan# 34
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	58.4	87.6
43	34.1	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: 26.703 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.03 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA_M

ClientSampleId :

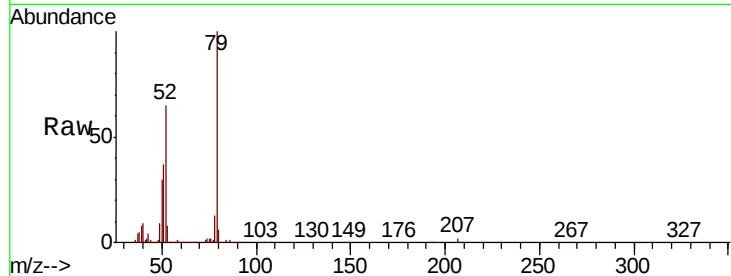
Tot Ion: 79 Resp: 722291

Ion Ratio Lower Upper

79 100

52 65.4 56.4 84.6

51 36.7 31.0 46.4



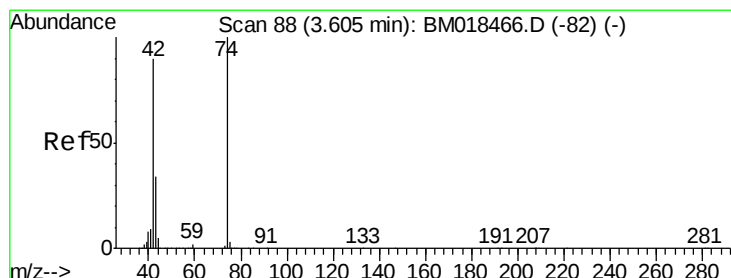
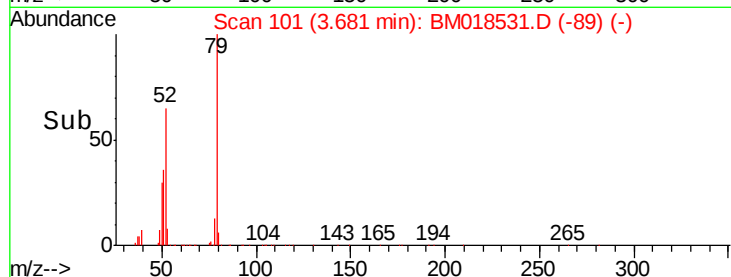
Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM018466.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-97) (-)

3.68

Time-->



#4

n-Nitrosodimethylamine

Concen: 33.617 ng

RT: 3.60 min Scan# 87

Delta R.T. -0.02 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

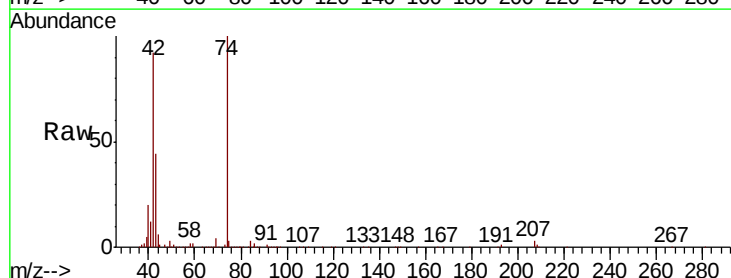
Tgt Ion: 42 Resp: 376014

Ion Ratio Lower Upper

42 100

74 109.1 88.6 132.8

44 6.6 16.9 25.3#



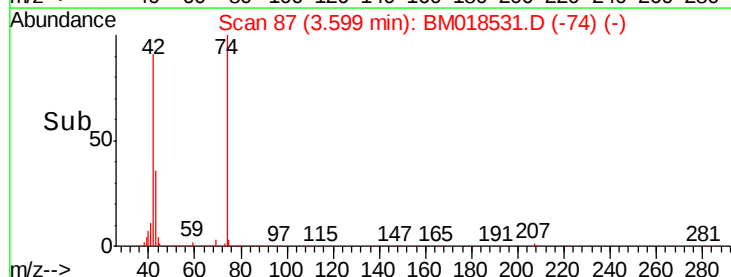
Abundance Ion 42.00 (41.70 to 42.70): BM018466.D (-82) (-)

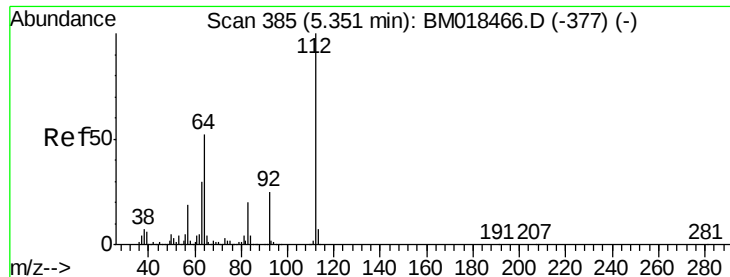
Ion 74.00 (73.70 to 74.70): BM018466.D (-82) (-)

Ion 44.00 (43.70 to 44.70): BM018466.D (-82) (-)

3.60

Time-->





#5

2-Fluorophenol

Concen: 72.714 ng

RT: 5.35 min Scan# 385

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

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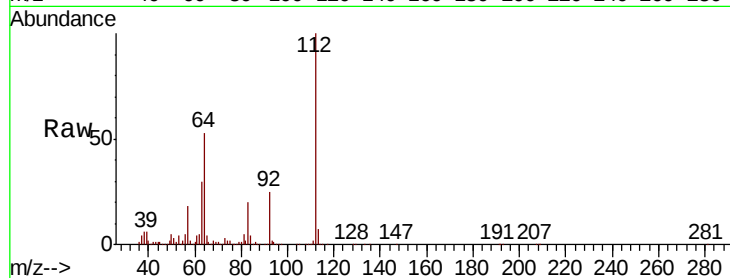
Tot Ion:112 Resp: 1935623

Ion Ratio Lower Upper

112 100

64 52.8 46.5 69.7

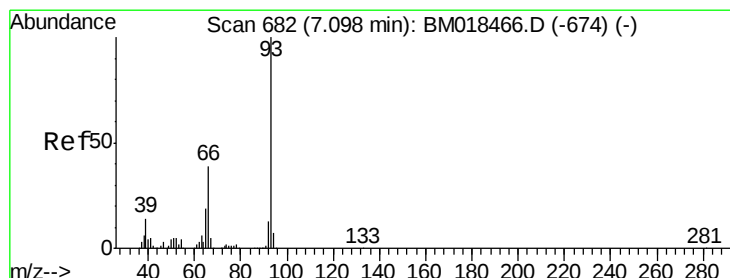
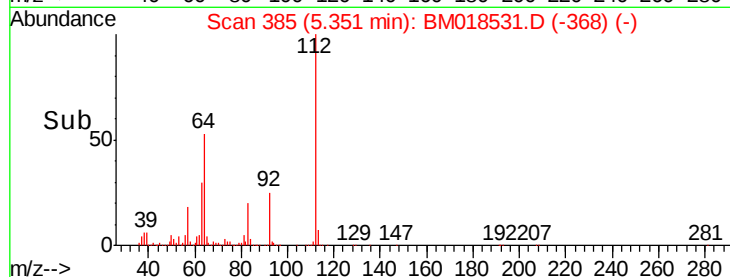
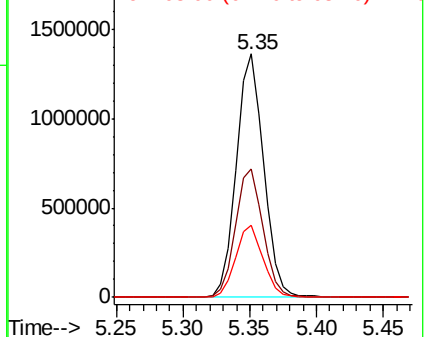
63 29.8 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 16.353 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

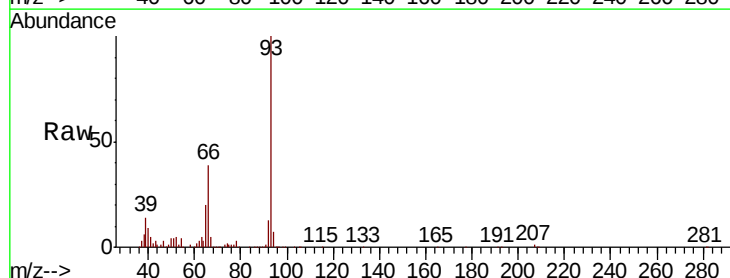
Tgt Ion: 93 Resp: 616767

Ion Ratio Lower Upper

93 100

66 39.1 31.7 47.5

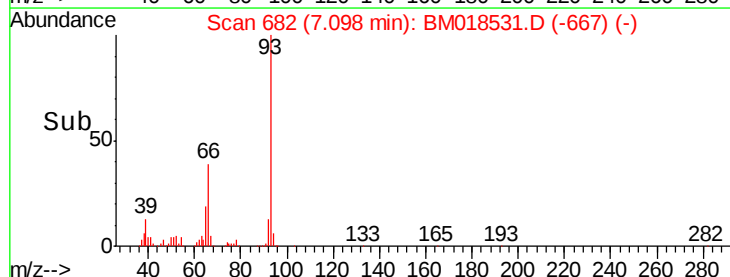
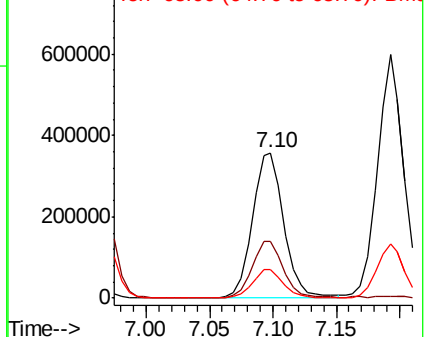
65 19.9 15.9 23.9

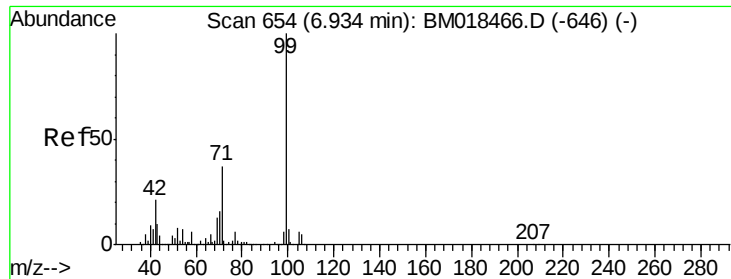


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 75.329 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA_M

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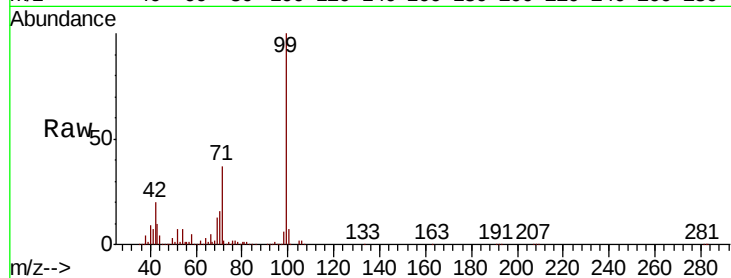
Tot Ion: 99 Resp: 2546882

Ion Ratio Lower Upper

99 100

42 19.9 17.3 25.9

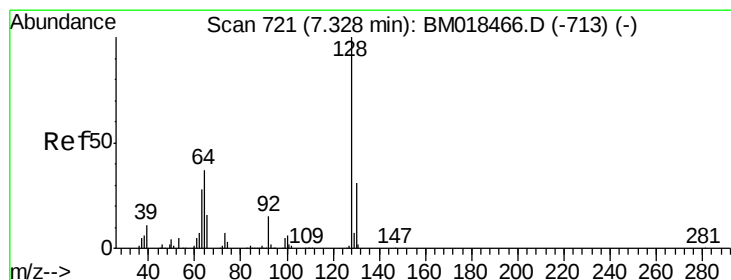
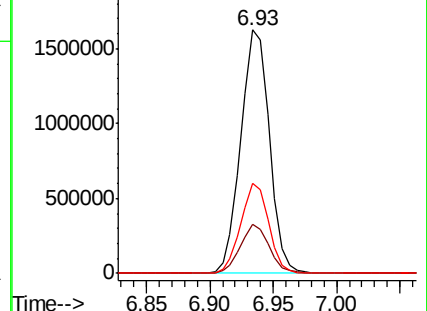
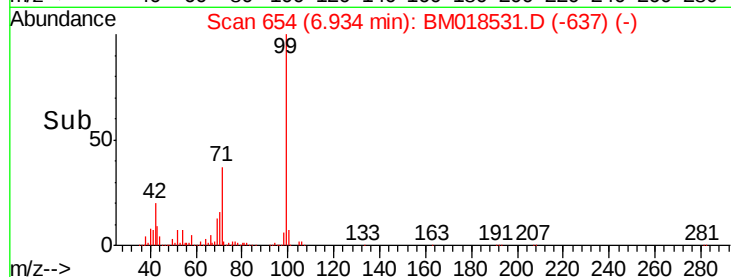
71 37.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 36.153 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

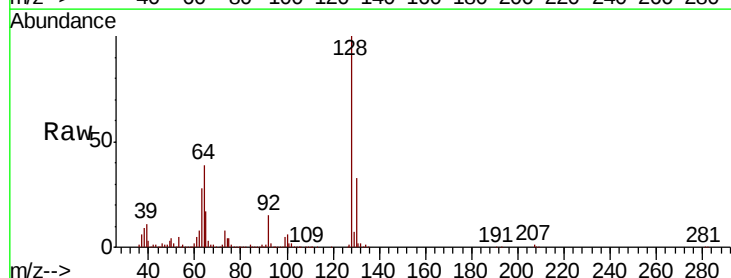
Tgt Ion:128 Resp: 1123997

Ion Ratio Lower Upper

128 100

130 32.7 13.6 53.6

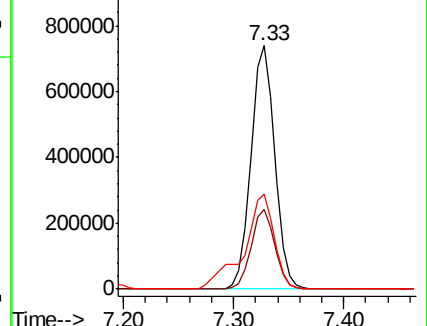
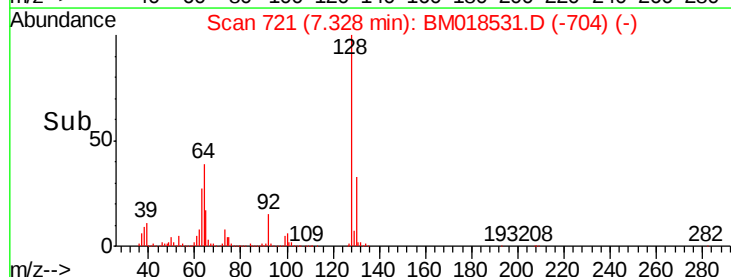
64 38.9 24.8 64.8

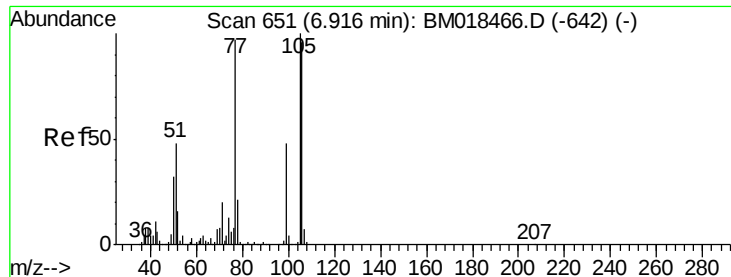


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 13.338 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

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ClientSampleId :

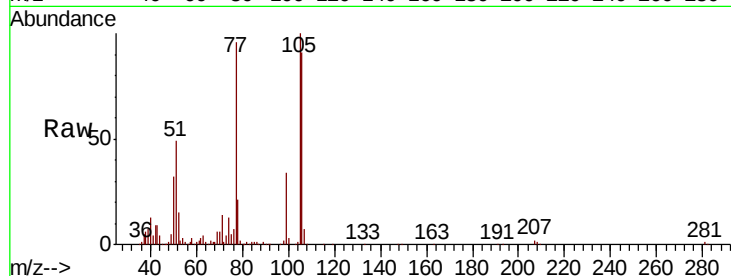
Tot Ion: 77 Resp: 310999

Ion Ratio Lower Upper

77 100

105 104.5 79.7 119.7

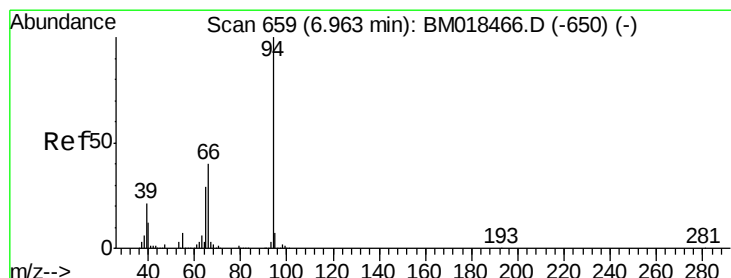
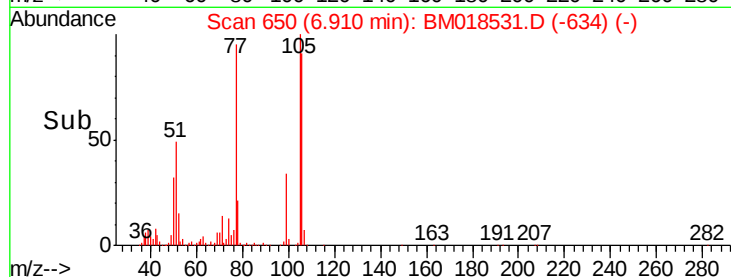
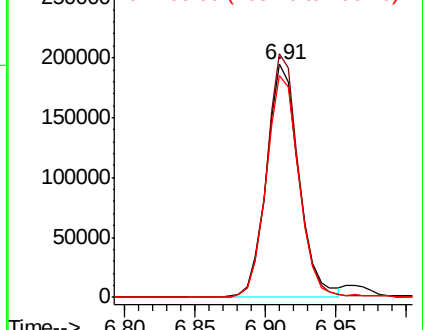
106 95.3 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-642) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-642) (-)

Ion 106.00 (105.70 to 106.70): BM018466.D (-642) (-)



#10

Phenol

Concen: 36.161 ng

RT: 6.96 min Scan# 659

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

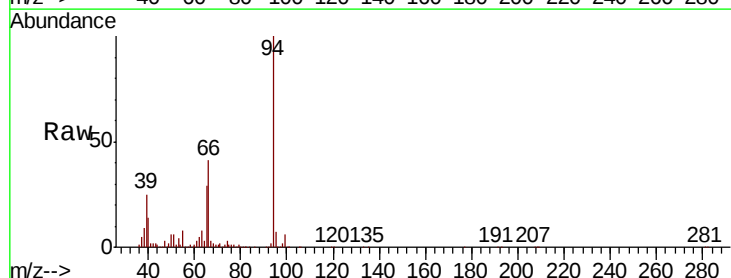
Tgt Ion: 94 Resp: 1242392

Ion Ratio Lower Upper

94 100

65 29.5 9.4 49.4

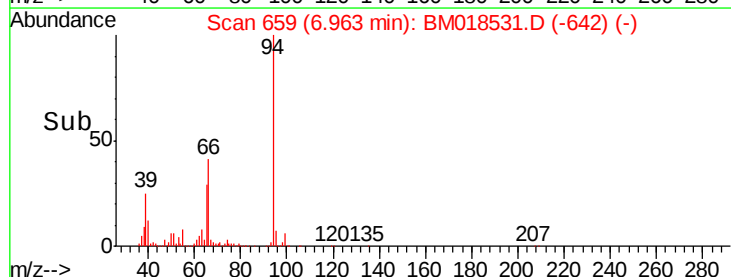
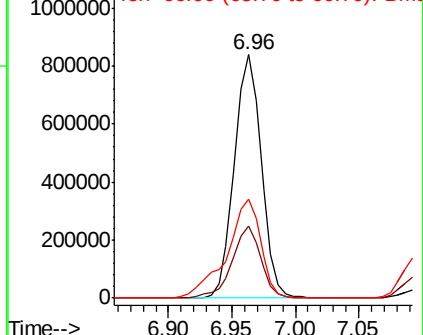
66 40.7 19.1 59.1

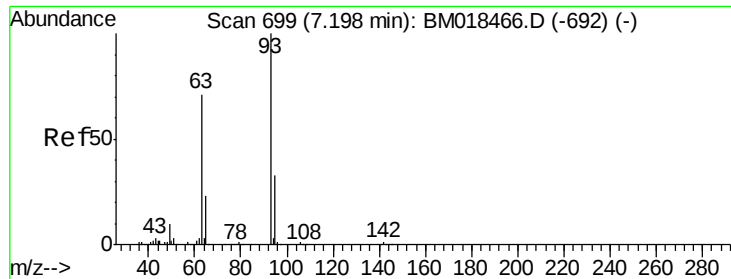


Abundance Ion 94.00 (93.70 to 94.70): BM018466.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BM018466.D (-650) (-)

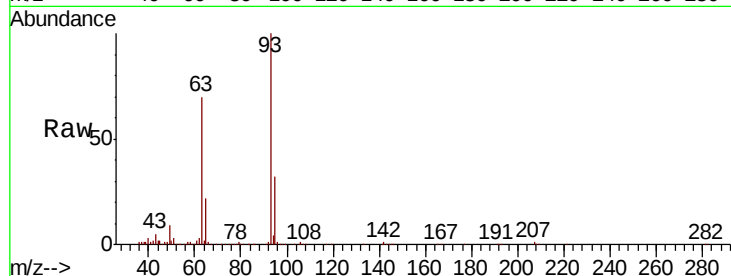




#11
bis(2-Chloroethyl)ether
Concen: 31.515 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.4	56.4	96.4
95	31.9	12.7	52.7

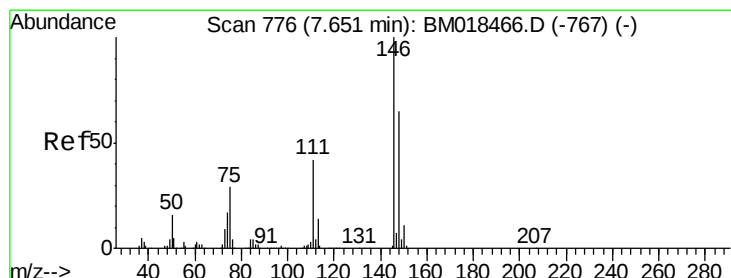
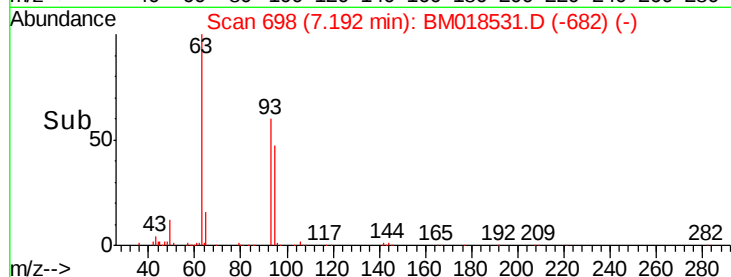
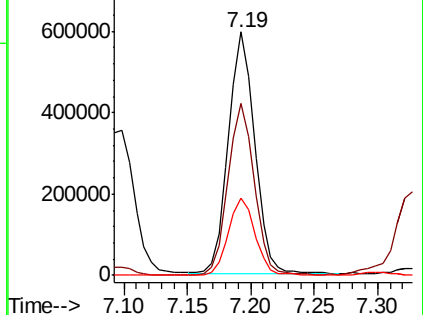


Abundance

Ion 93.00 (92.70 to 93.70): BM018466.D (-692) (-)

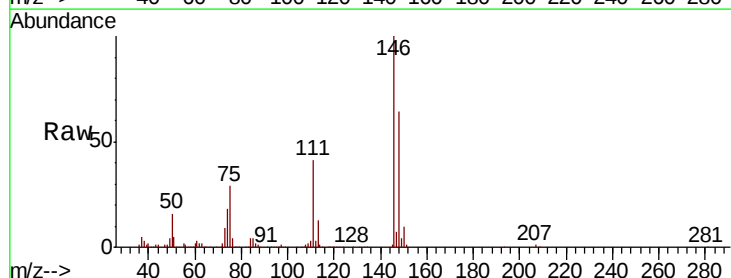
Ion 63.00 (62.70 to 63.70): BM018466.D (-692) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-692) (-)



#12
1,3-Dichlorobenzene
Concen: 30.080 ng
RT: 7.65 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.5	75.7
75	28.9	23.0	34.6

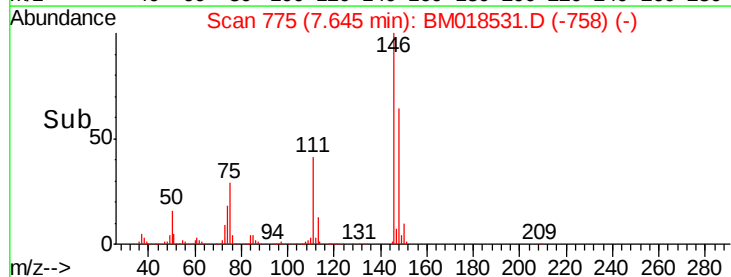
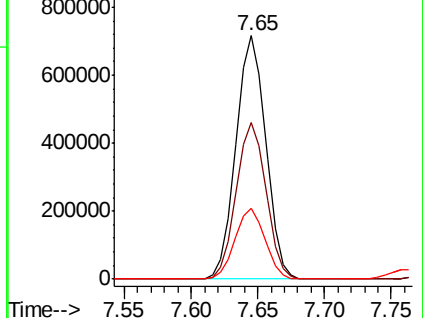


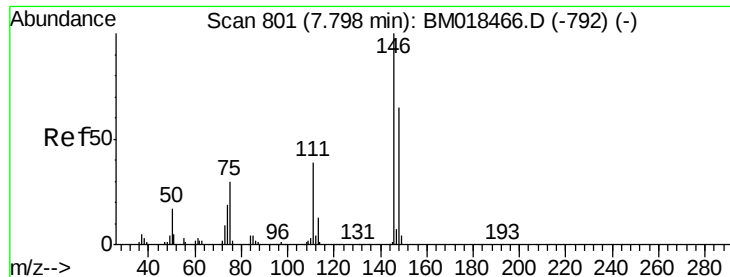
Abundance

Ion 146.00 (145.70 to 146.70): BM018466.D (-767) (-)

Ion 148.00 (147.70 to 148.70): BM018466.D (-767) (-)

Ion 75.00 (74.70 to 75.70): BM018466.D (-767) (-)

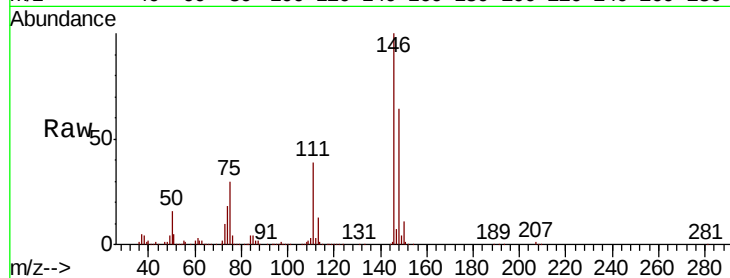




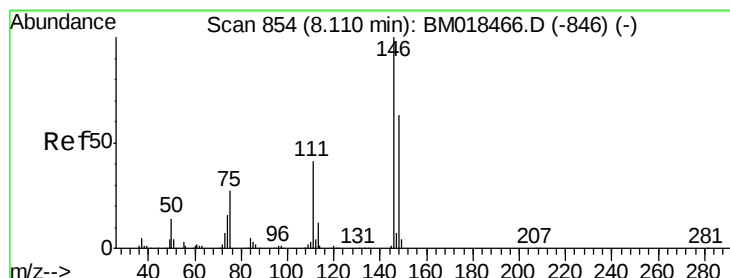
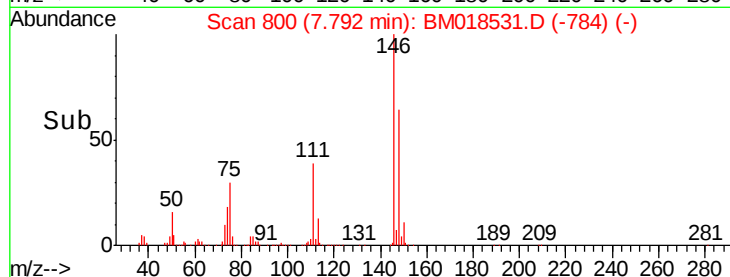
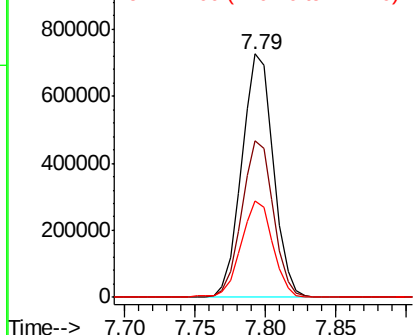
#13
 1,4-Dichlorobenzene
 Concen: 30.347 ng
 RT: 7.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:146 Resp: 1138806
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.8 76.2
 111 39.4 32.2 48.2

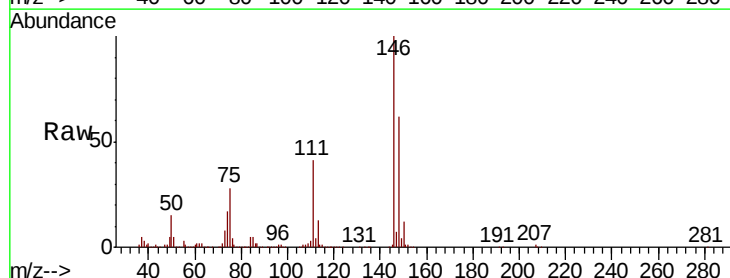


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

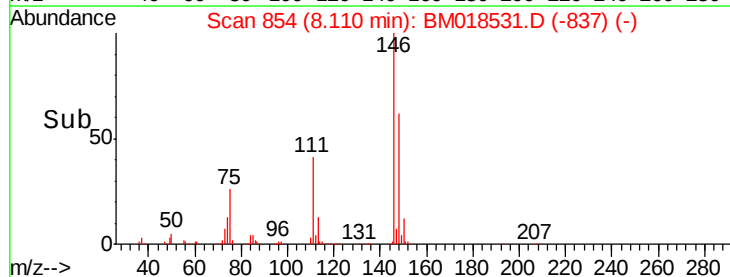
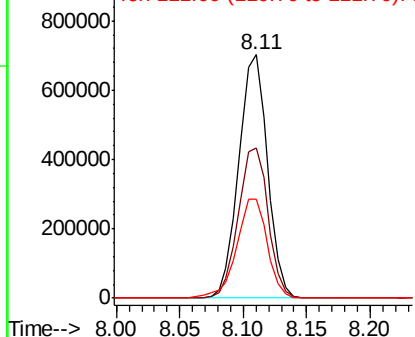


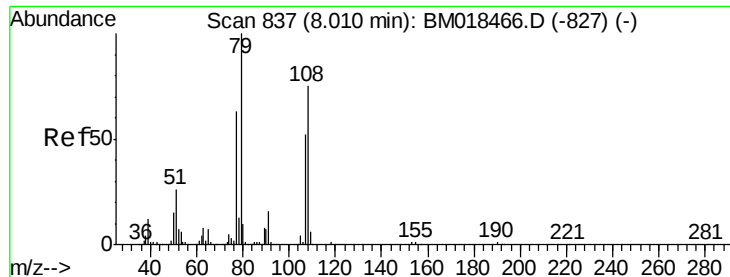
#14
 1,2-Dichlorobenzene
 Concen: 30.970 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

Tgt Ion:146 Resp: 1102025
 Ion Ratio Lower Upper
 146 100
 148 61.7 51.0 76.6
 111 40.9 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: 36.095 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA_M

ClientSampleId :

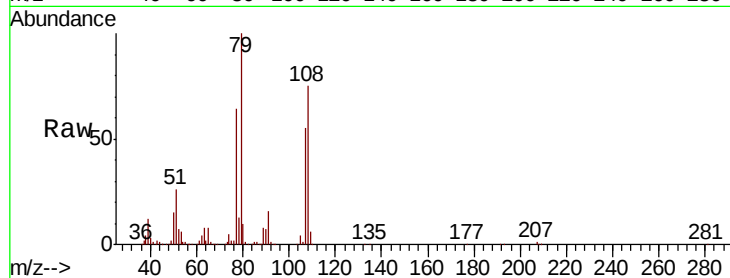
Tot Ion: 79 Resp: 881440

Ion Ratio Lower Upper

79 100

108 75.5 60.4 90.6

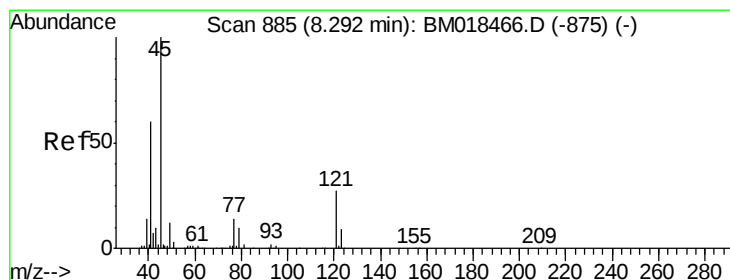
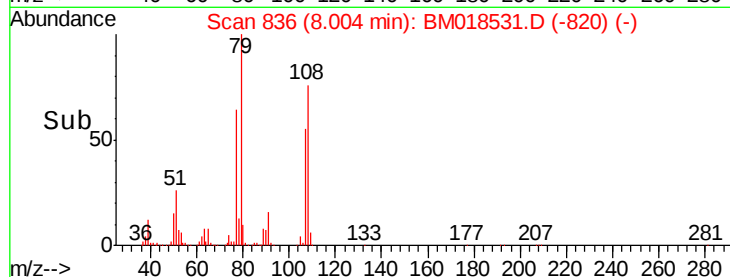
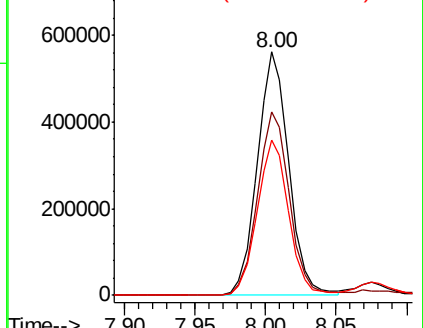
77 63.8 53.4 80.2



Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-827) (-)

Ion 108.00 (107.70 to 108.70): BM018466.D (-827) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-827) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.411 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

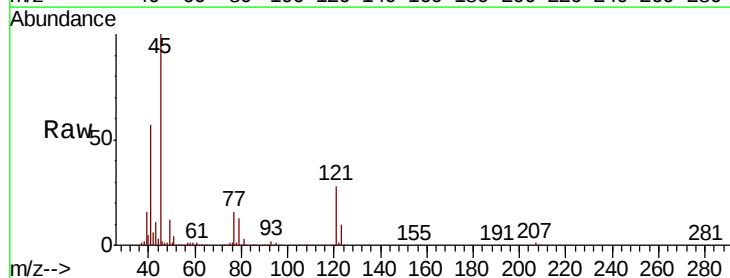
Tgt Ion: 45 Resp: 1083647

Ion Ratio Lower Upper

45 100

77 16.3 0.0 33.4

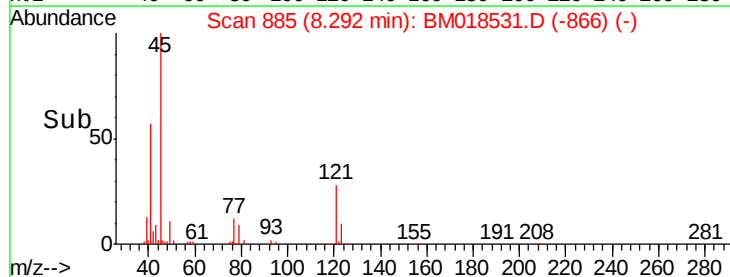
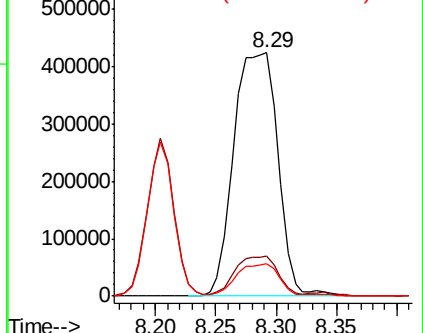
79 13.2 0.0 31.1

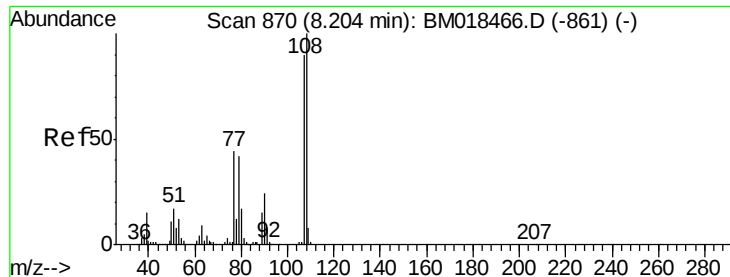


Abundance Ion 45.00 (44.70 to 45.70): BM018466.D (-875) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-875) (-)

Ion 79.00 (78.70 to 79.70): BM018466.D (-875) (-)





#17

2-Methylphenol

Concen: 37.542 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 875528

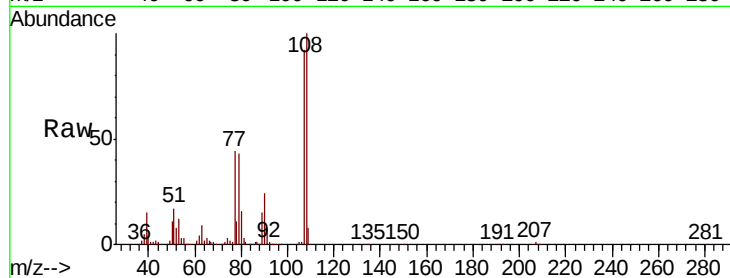
Ion Ratio Lower Upper

107 100

108 108.7 87.5 131.3

77 48.0 37.3 55.9

79 46.9 36.4 54.6

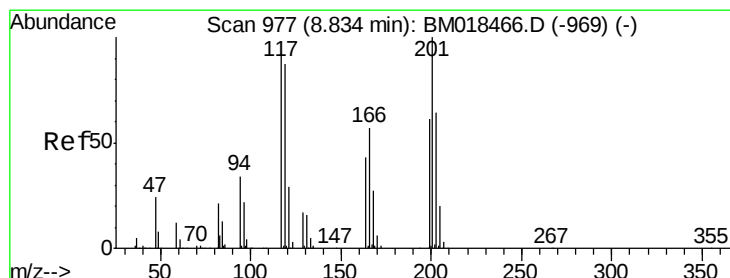
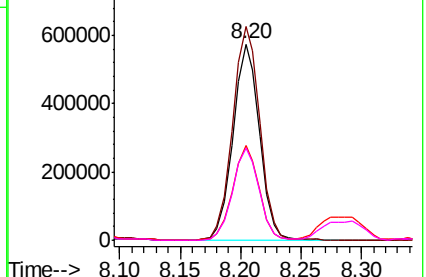
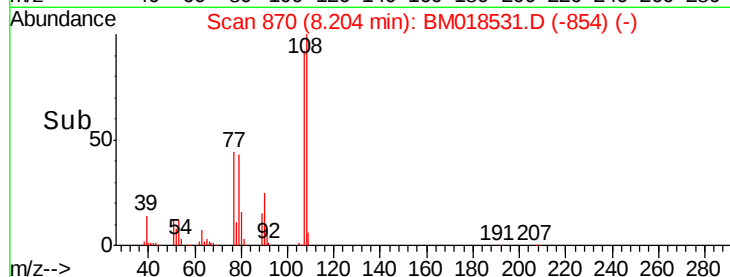


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 29.691 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

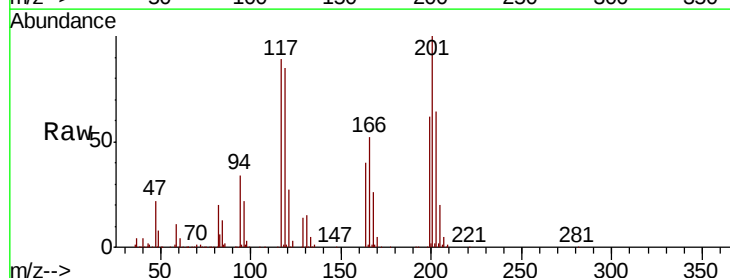
Tgt Ion:117 Resp: 397275

Ion Ratio Lower Upper

117 100

119 95.3 78.3 117.5

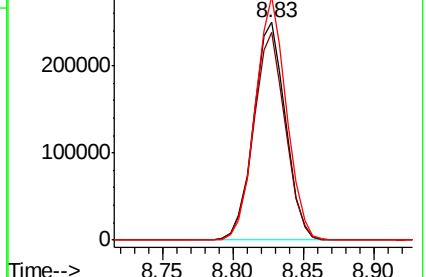
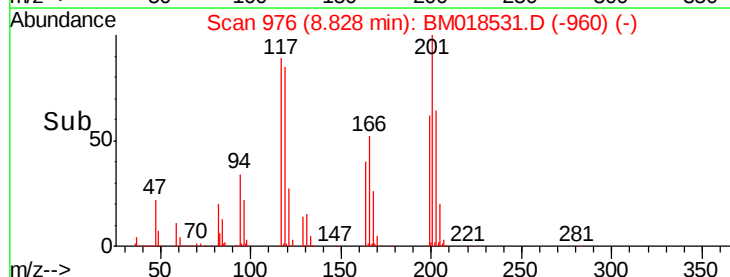
201 111.8 81.4 122.0

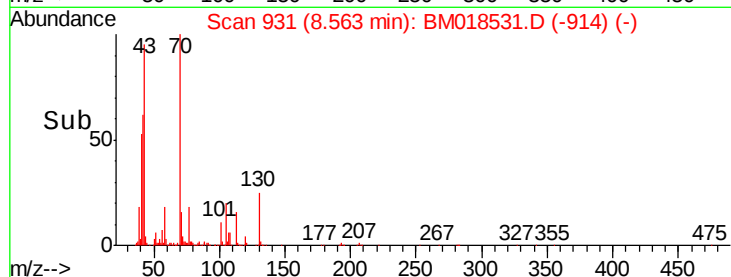
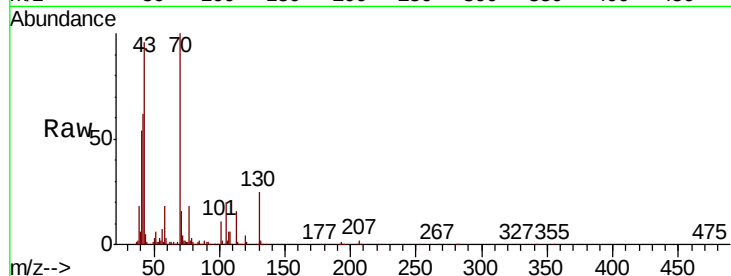
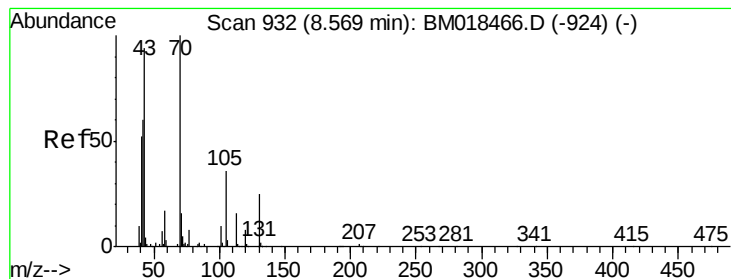


Abundance Ion 117.00 (116.70 to 117.70): E

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: 32.569 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 716607

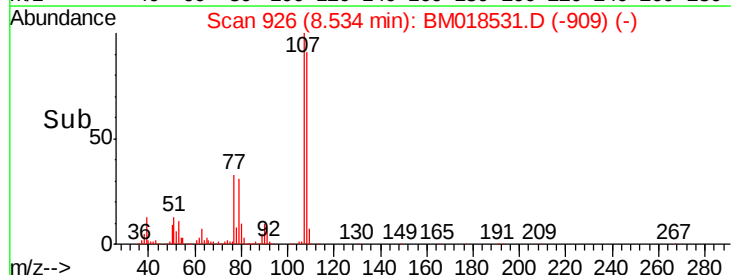
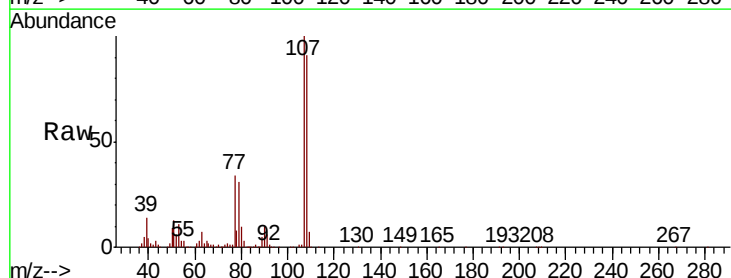
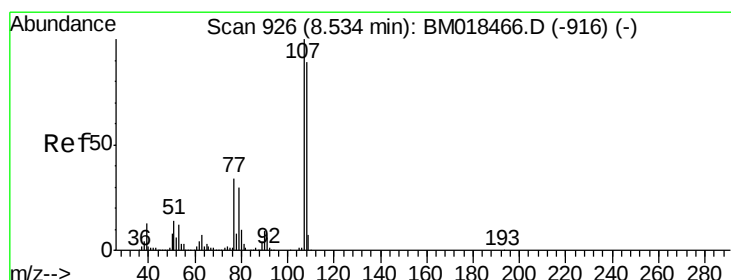
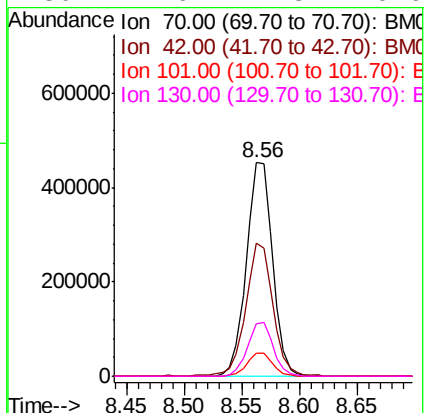
Ion Ratio Lower Upper

70 100

42 62.1 54.0 81.0

101 10.8 8.1 12.1

130 24.6 17.8 26.6



#20

3+4-Methylphenols

Concen: 37.612 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Tgt Ion: 107 Resp: 1210891

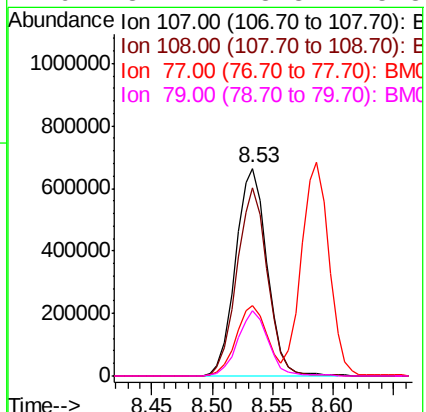
Ion Ratio Lower Upper

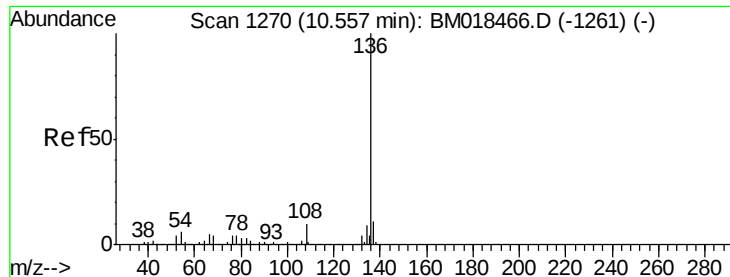
107 100

108 90.5 66.8 106.8

77 33.6 13.3 53.3

79 31.2 8.8 48.8

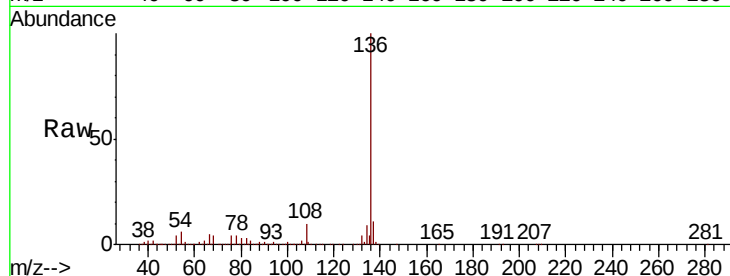




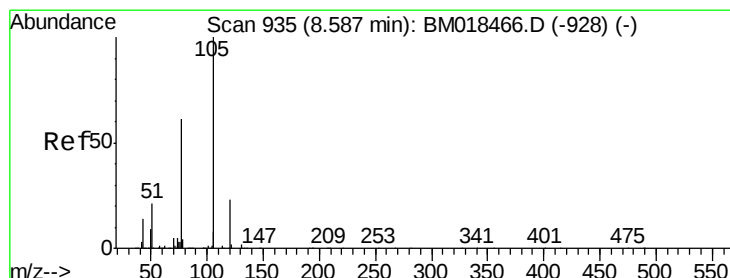
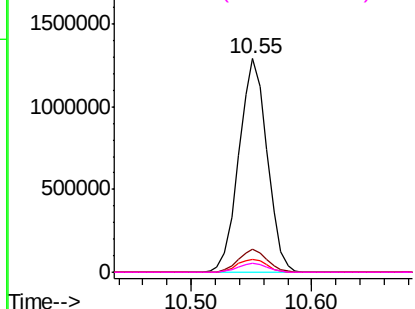
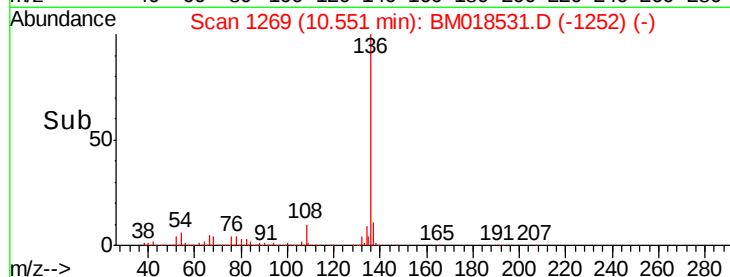
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp: 2100418
Ion Ratio	Lower Upper
136 100	
137 10.8	8.5 12.7
54 6.2	6.0 9.0
68 4.3	4.5 6.7#

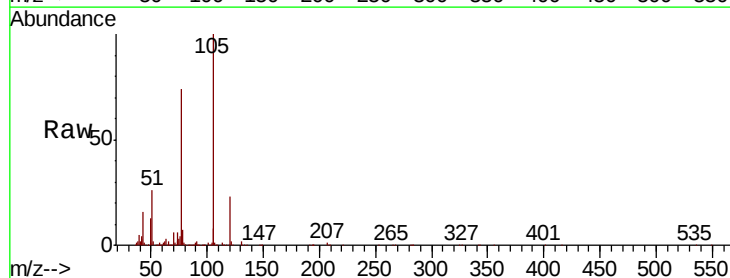


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

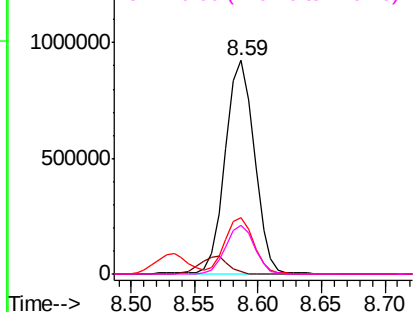
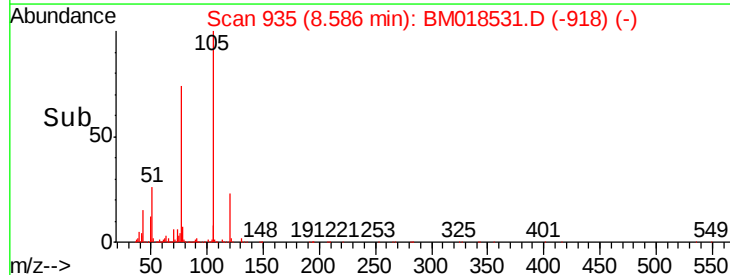


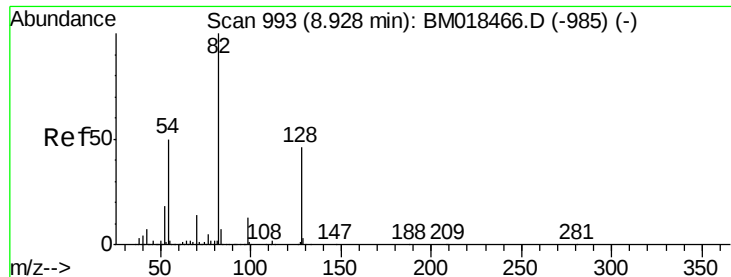
#22
Acetophenone
Concen: 28.181 ng
RT: 8.59 min Scan# 935
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt	Ion:105	Resp:	1464283
Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.7	2.5#
51	26.3	22.6	34.0
120	22.6	18.3	27.5



Abundance Ion 105.00 (104.70 to 105.70): E
1000000
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

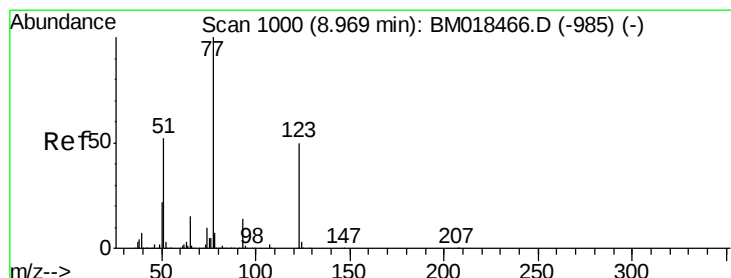
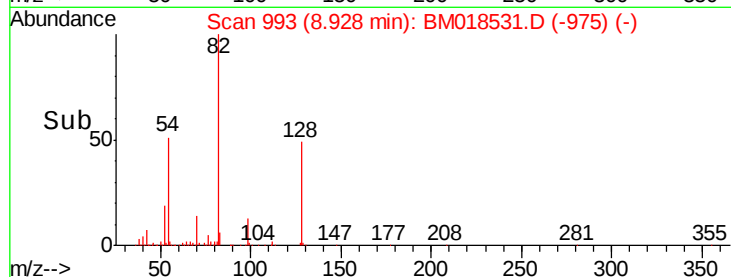
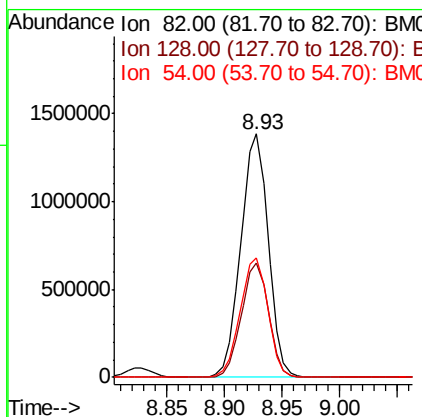
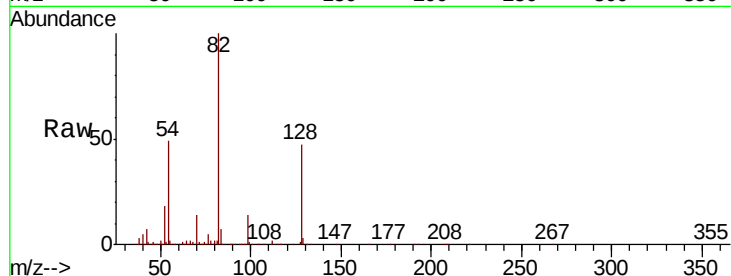




#23
 Nitrobenzene-d5
 Concen: 63.230 ng
 RT: 8.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

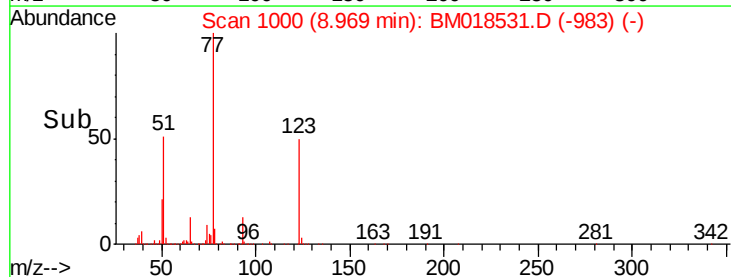
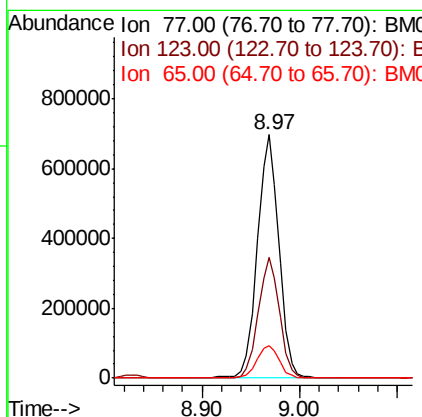
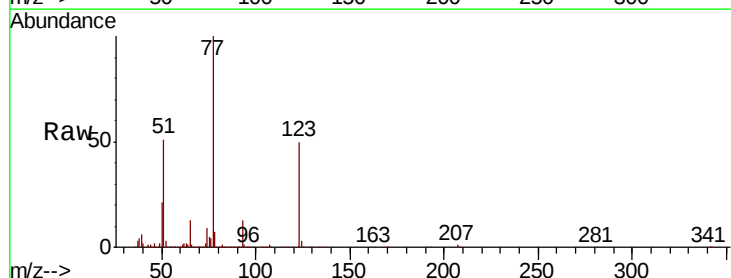
Instrument :
 BNA_M
 ClientSampleId :

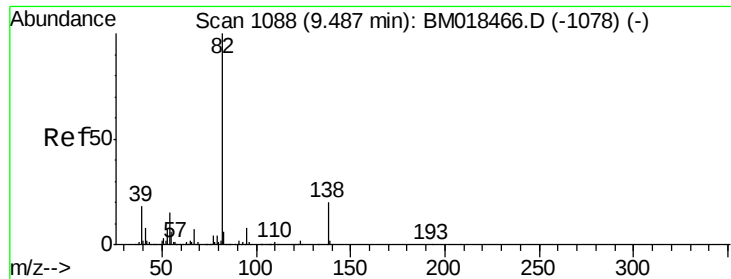
Tot Ion: 82 Resp: 2290956
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.3 54.5
 54 49.1 41.7 62.5



#24
 Nitrobenzene
 Concen: 30.425 ng
 RT: 8.97 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

Tgt Ion: 77 Resp: 1084643
 Ion Ratio Lower Upper
 77 100
 123 49.6 37.7 56.5
 65 13.3 11.0 16.6

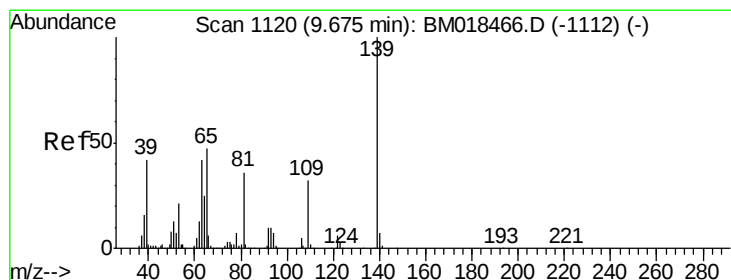
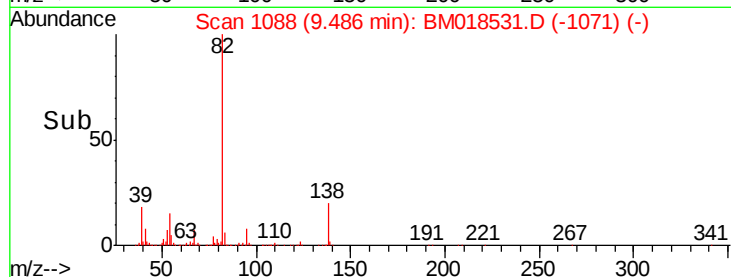
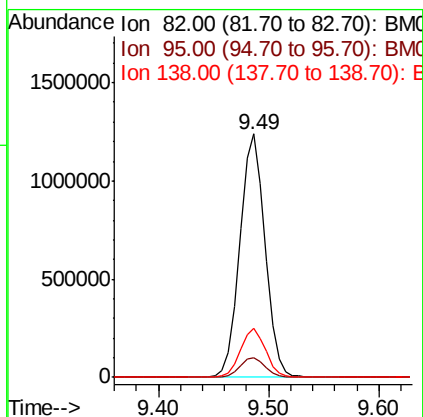
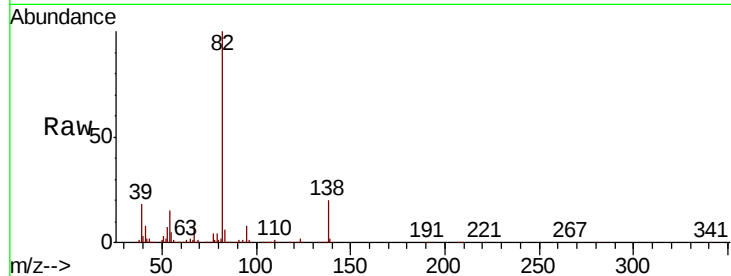




#25
Isophorone
Concen: 36.242 ng
RT: 9.49 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

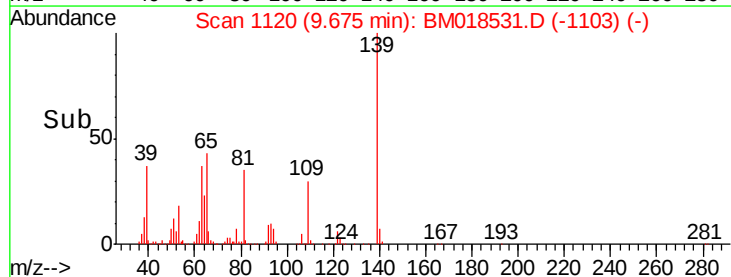
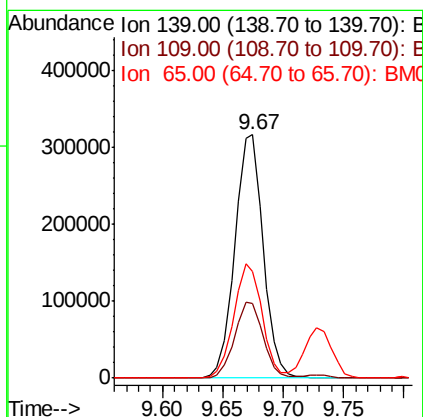
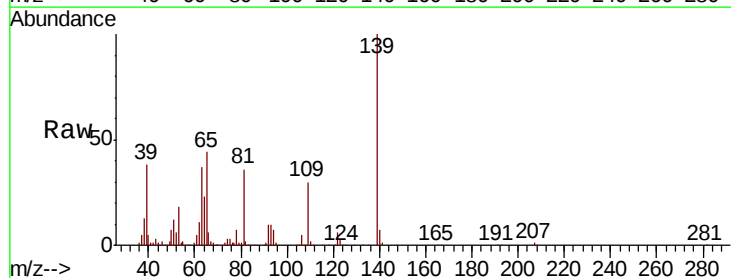
Instrument :
BNA_M
ClientSampleId :

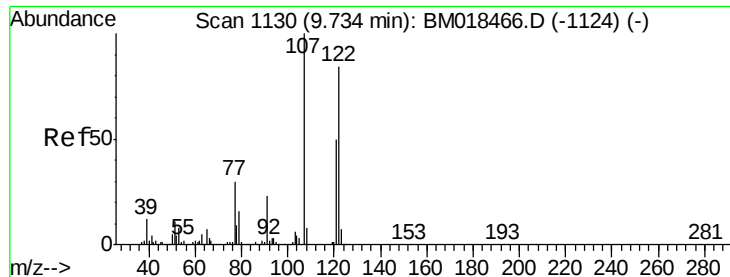
Tot Ion: 82 Resp: 1988418
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 20.2 15.1 22.7



#26
2-Nitrophenol
Concen: 30.095 ng
RT: 9.67 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion: 139 Resp: 518787
Ion Ratio Lower Upper
139 100
109 30.5 23.4 35.2
65 43.6 39.4 59.2

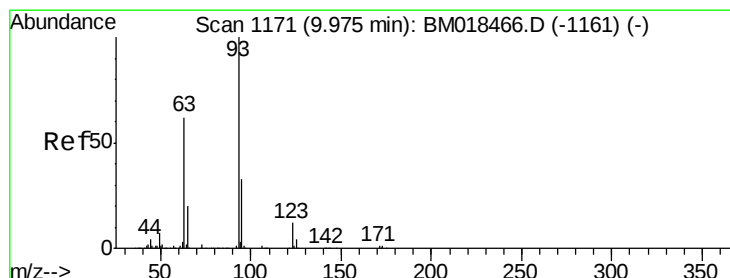
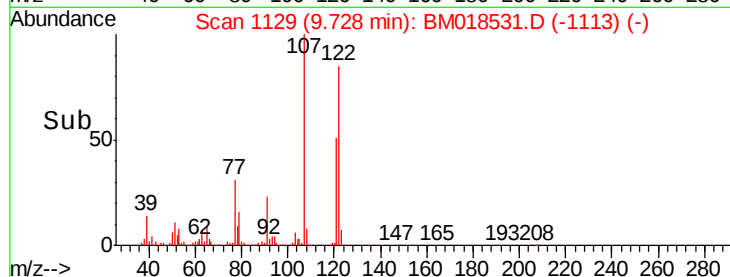
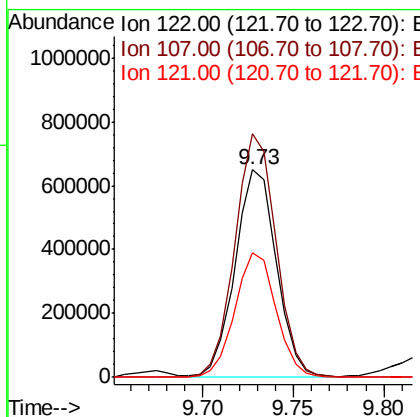
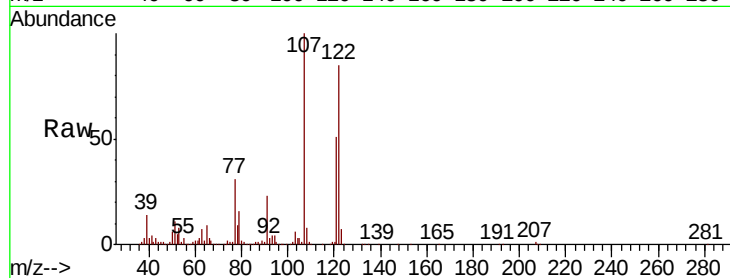




#27
 2,4-Dimethylphenol
 Concen: 39.533 ng
 RT: 9.73 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

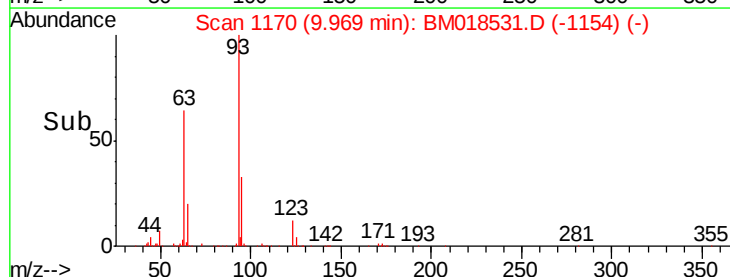
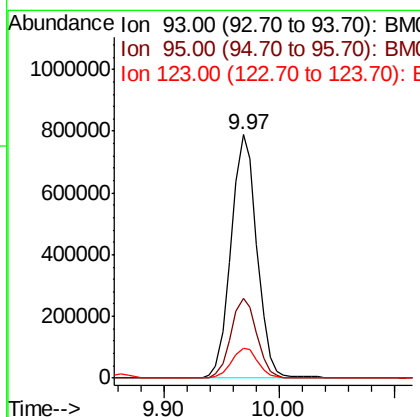
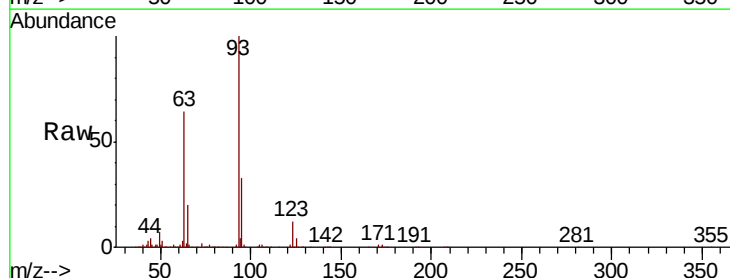
Instrument :
 BNA_M
 ClientSampled :

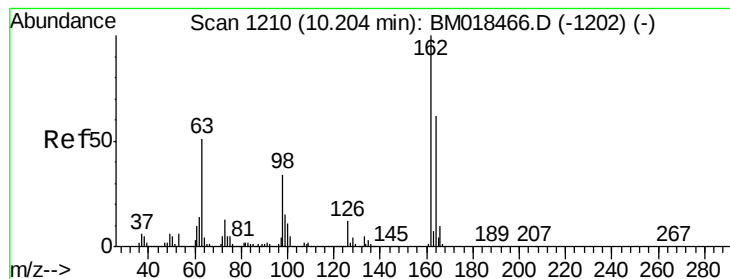
Tot Ion:122 Resp: 1021460
 Ion Ratio Lower Upper
 122 100
 107 117.5 91.9 137.9
 121 60.2 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.427 ng
 RT: 9.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

Tgt Ion: 93 Resp: 1229048
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.6 39.8
 123 12.1 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 35.890 ng

RT: 10.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA_M

ClientSampleId :

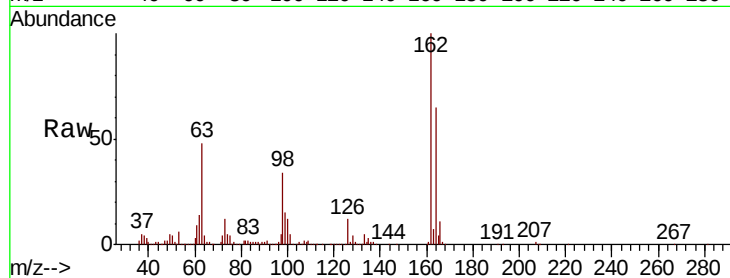
Tot Ion:162 Resp: 1104214

Ion Ratio Lower Upper

162 100

164 64.9 45.6 85.6

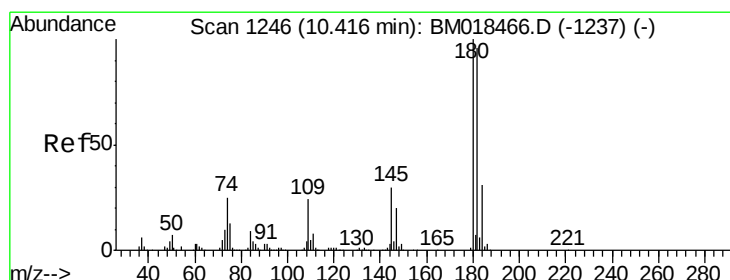
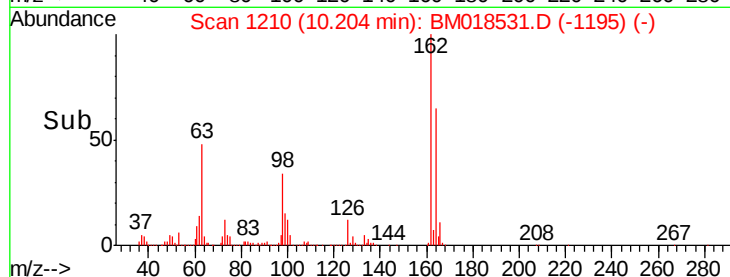
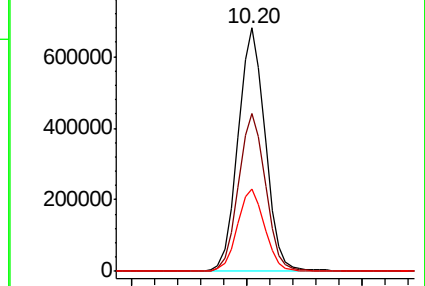
98 33.8 14.7 54.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 29.654 ng

RT: 10.41 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

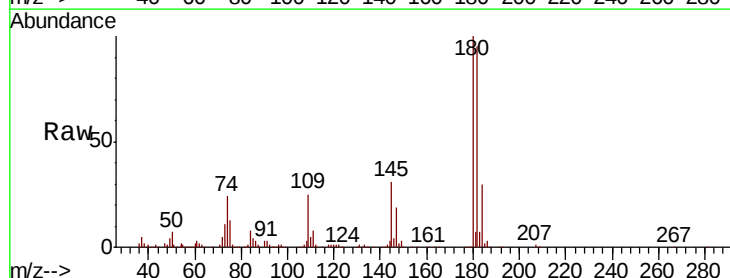
Tgt Ion:180 Resp: 1132437

Ion Ratio Lower Upper

180 100

182 95.3 77.4 116.2

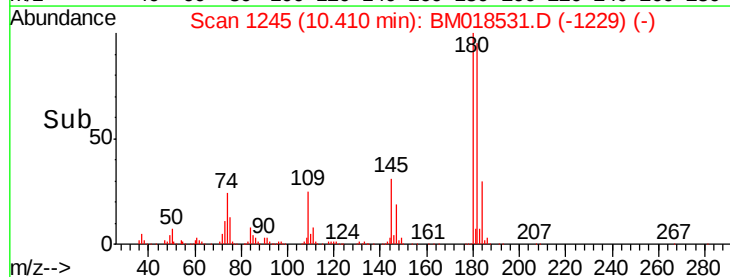
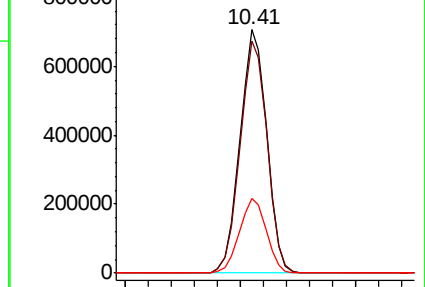
145 30.7 24.6 37.0

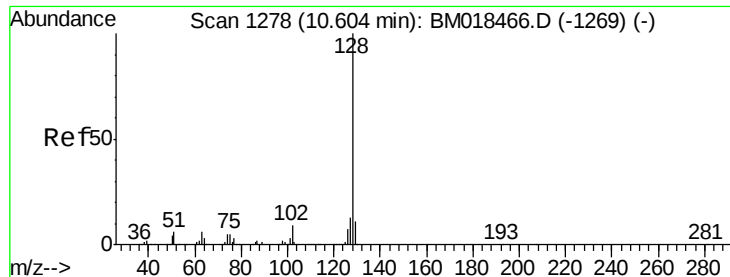


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

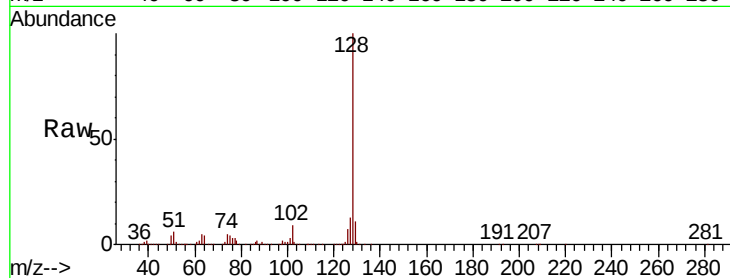




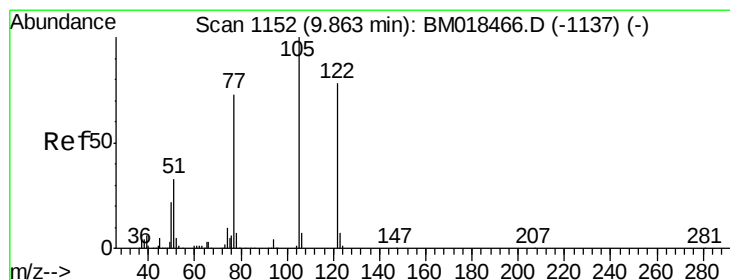
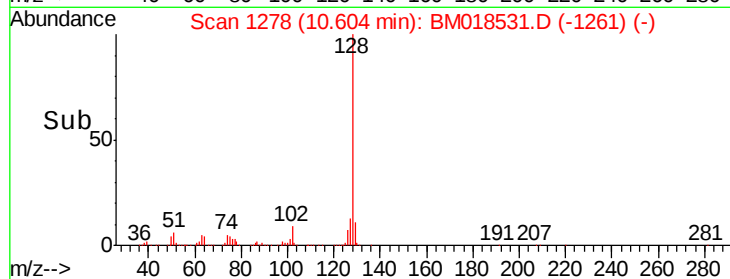
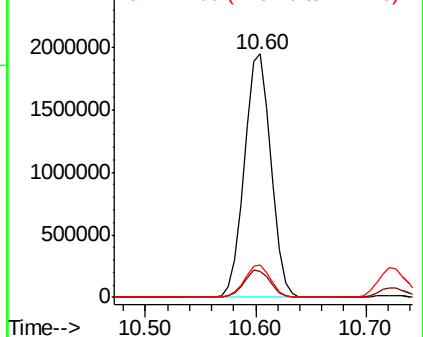
#31
Naphthalene
Concen: 32.524 ng
RT: 10.60 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Instrument :
BNA_M
ClientSampled :

Tot Ion:128 Resp: 3290065
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.8 16.2

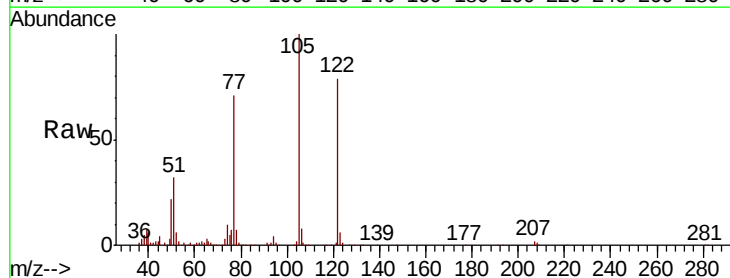


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

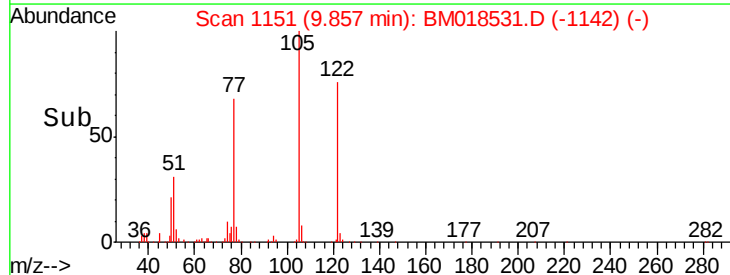
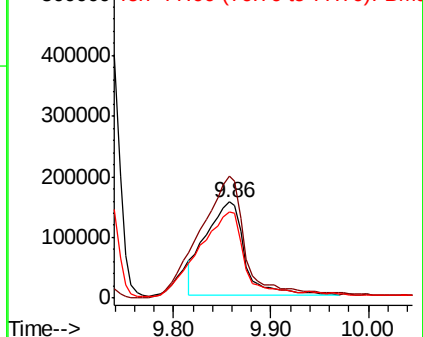


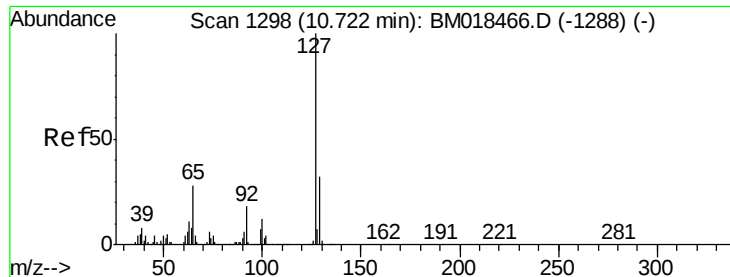
#32
Benzoic acid
Concen: 27.515 ng
RT: 9.86 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:122 Resp: 422832
Ion Ratio Lower Upper
122 100
105 127.3 100.4 140.4
77 89.9 71.7 111.7



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

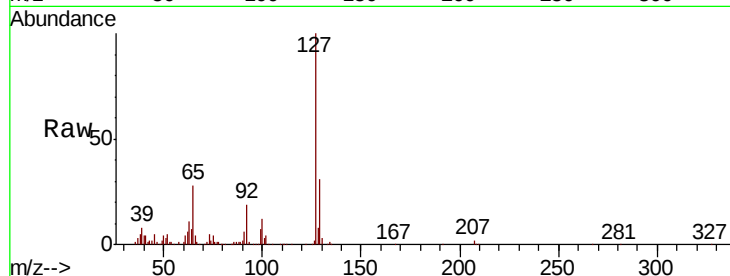




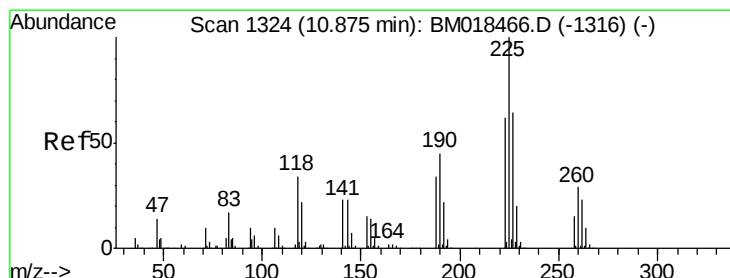
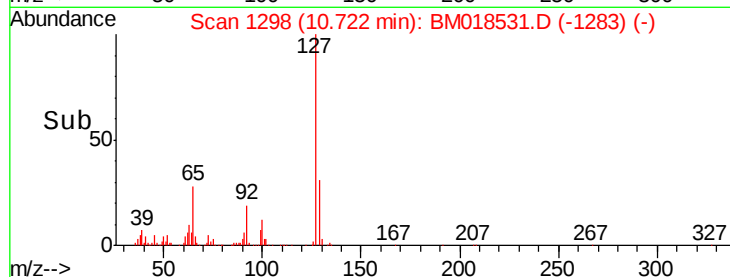
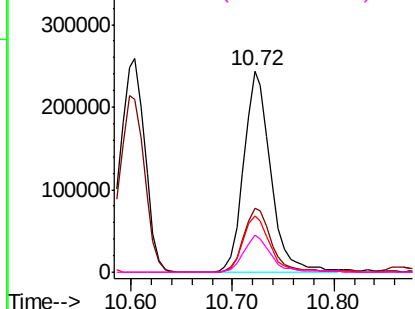
#33
4-Chloroaniline
Concen: 11.259 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	448542
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	27.9	23.4	35.2
92	18.8	14.5	21.7

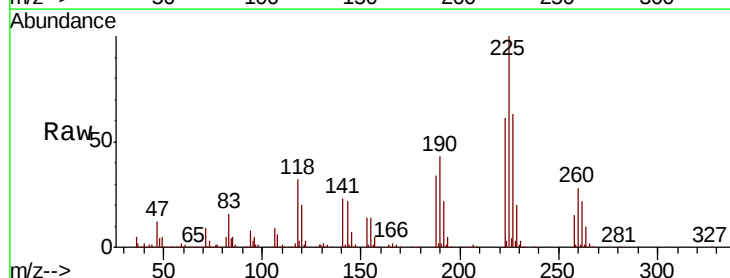


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

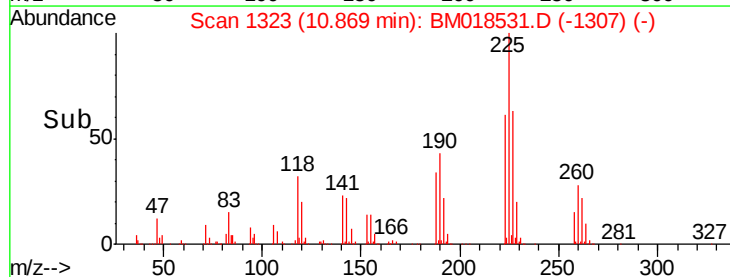
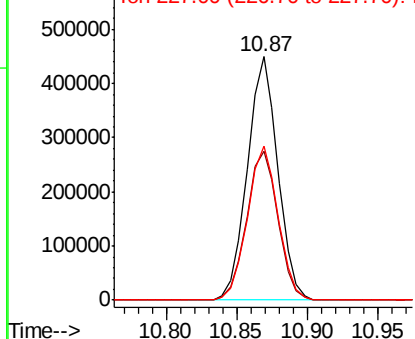


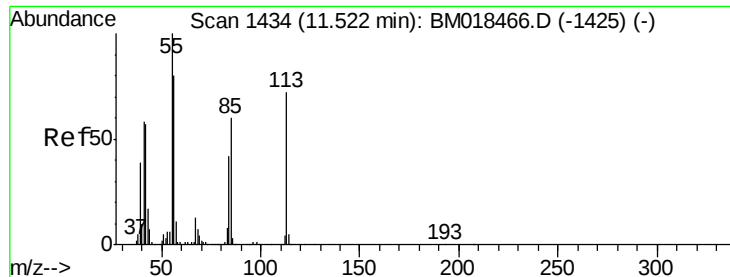
#34
Hexachlorobutadiene
Concen: 28.171 ng
RT: 10.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:	225	Resp:	679630
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.8	76.2
227	63.2	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: 31.398 ng

RT: 11.52 min Scan# 1434

Delta R.T. -0.02 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA_M

ClientSampleId :

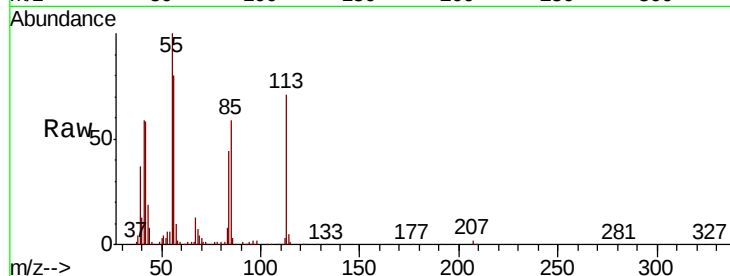
Tot Ion:113 Resp: 328437

Ion Ratio Lower Upper

113 100

55 140.6 139.3 179.3

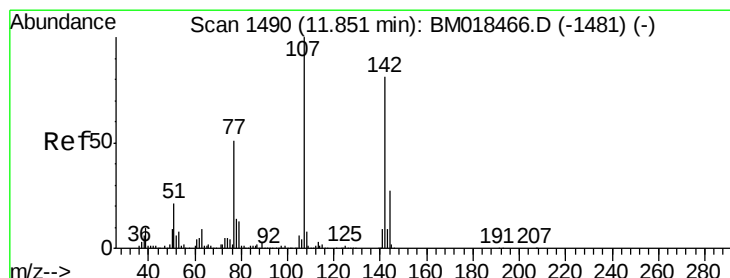
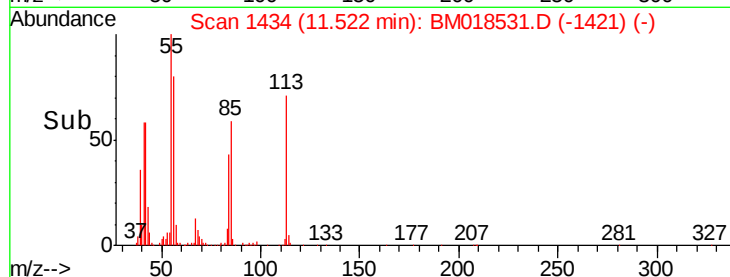
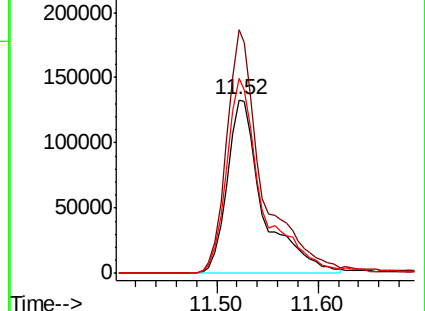
56 112.8 101.4 141.4



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: 35.196 ng

RT: 11.85 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

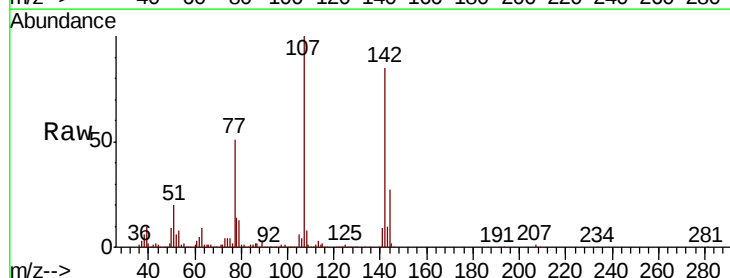
Tgt Ion:107 Resp: 1136061

Ion Ratio Lower Upper

107 100

144 27.4 21.9 32.9

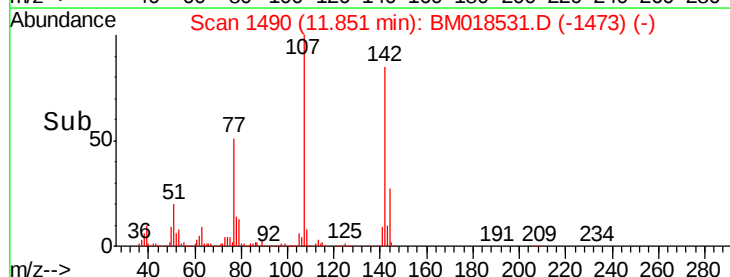
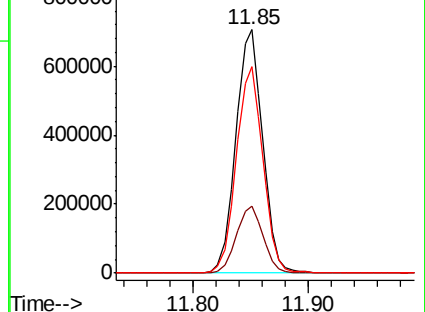
142 84.8 67.9 101.9

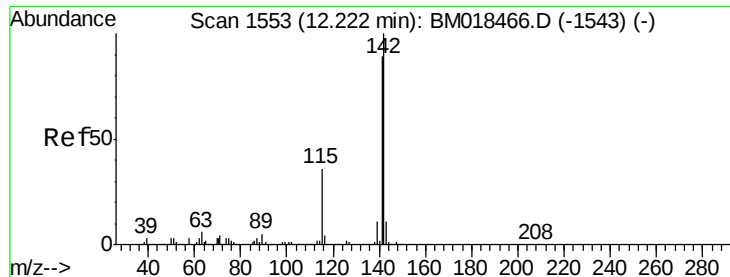


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

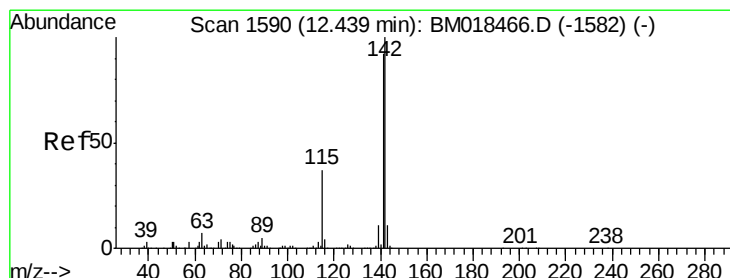
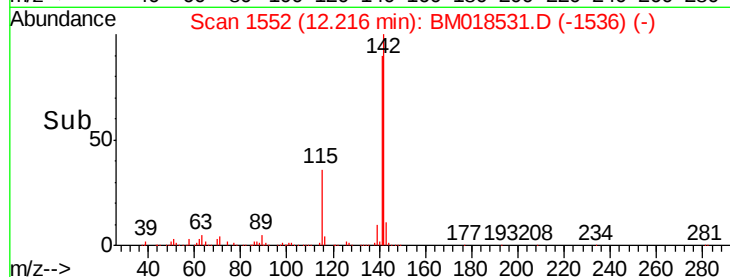
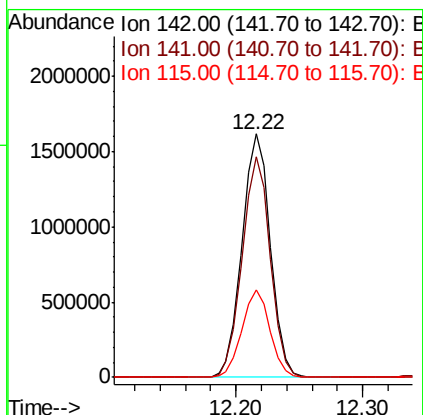
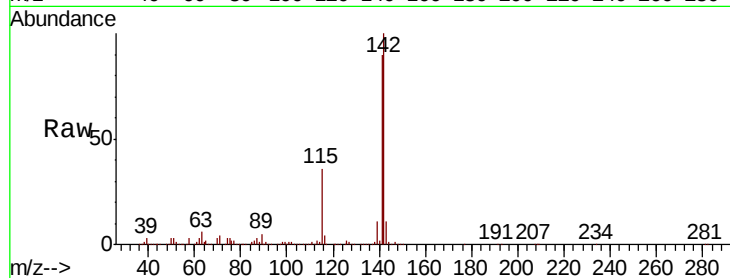




#37
 2-Methylnaphthalene
 Concen: 35.022 ng
 RT: 12.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

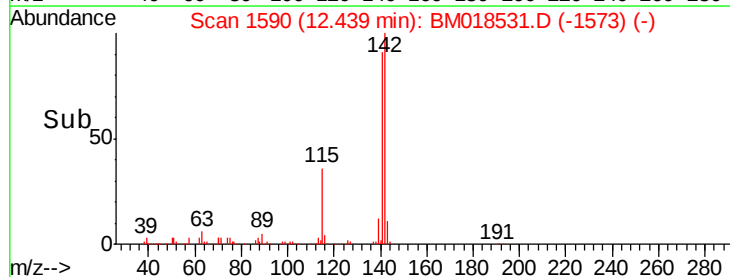
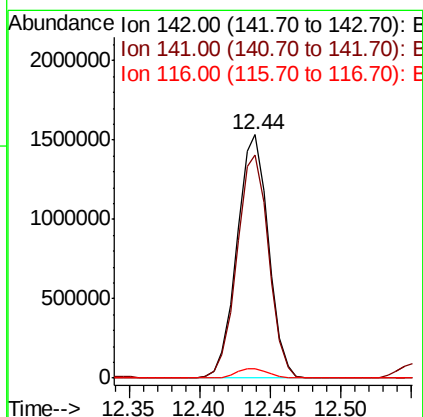
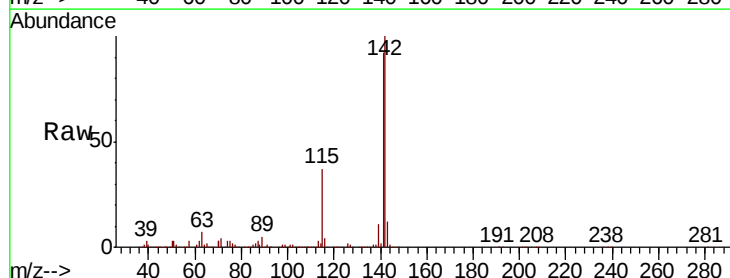
Instrument :
 BNA_M
 ClientSampleId :

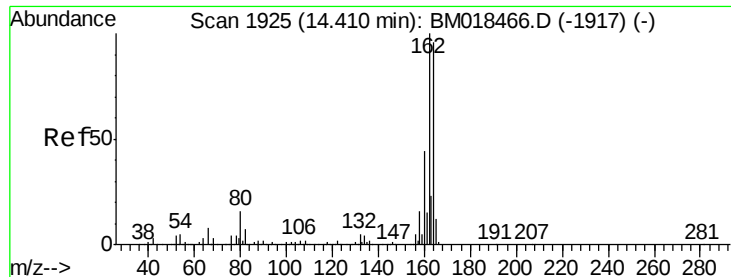
Tot Ion:142 Resp: 2503054
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.4 107.2
 115 35.8 28.0 42.0



#38
 1-Methylnaphthalene
 Concen: 34.382 ng
 RT: 12.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

Tgt Ion:142 Resp: 2377604
 Ion Ratio Lower Upper
 142 100
 141 91.7 75.6 113.4
 116 3.8 3.0 4.6

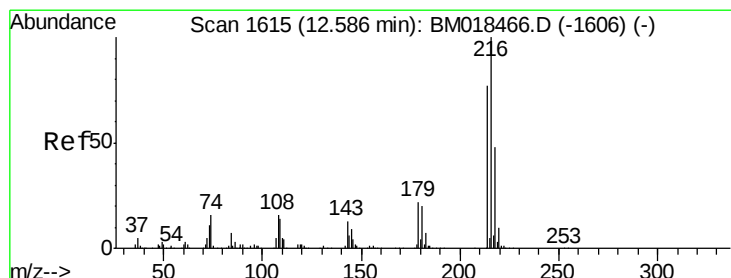
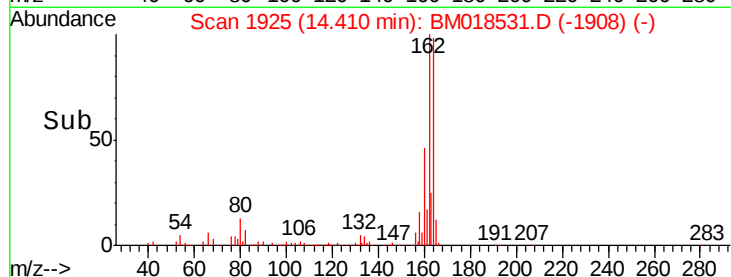
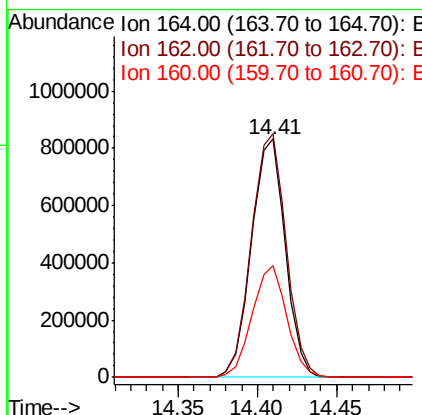
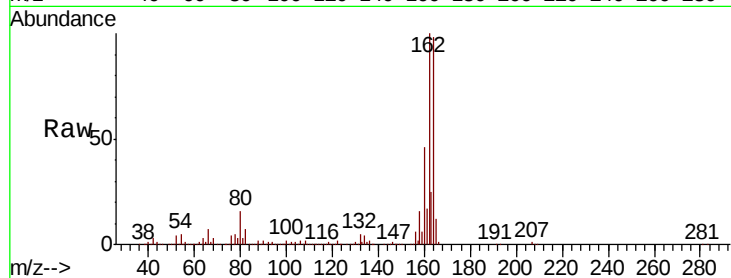




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

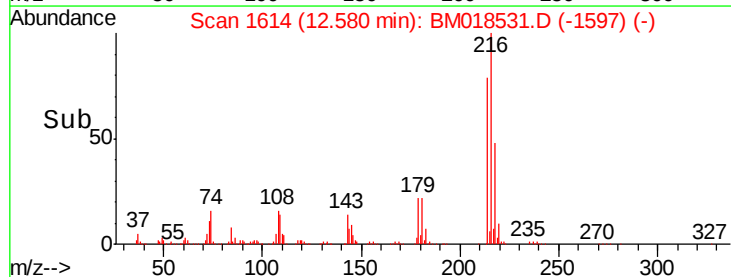
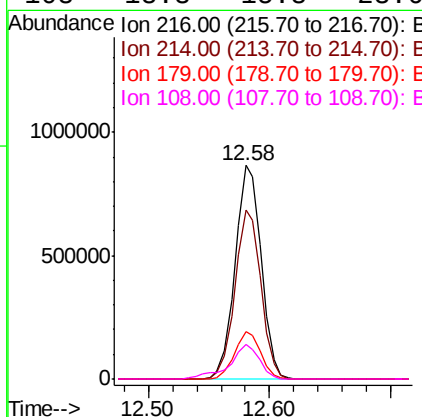
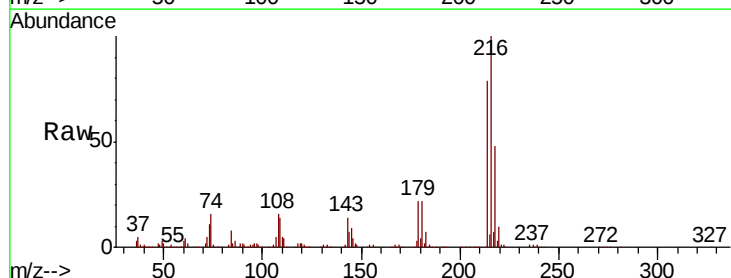
Instrument :
BNA_M
ClientSampled :

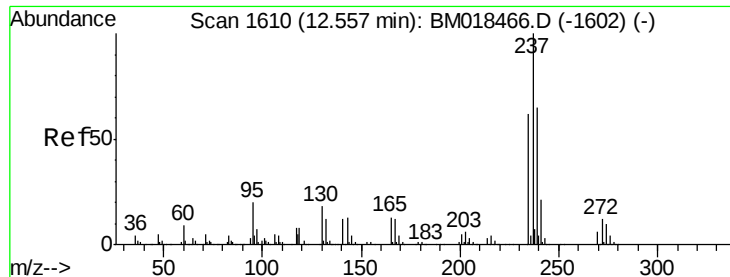
Tot Ion:164 Resp: 1233879
Ion Ratio Lower Upper
164 100
162 102.2 83.0 124.4
160 46.9 37.1 55.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 30.109 ng
RT: 12.58 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:216 Resp: 1299147
Ion Ratio Lower Upper
216 100
214 79.0 63.4 95.0
179 22.2 17.9 26.9
108 18.3 15.8 23.6

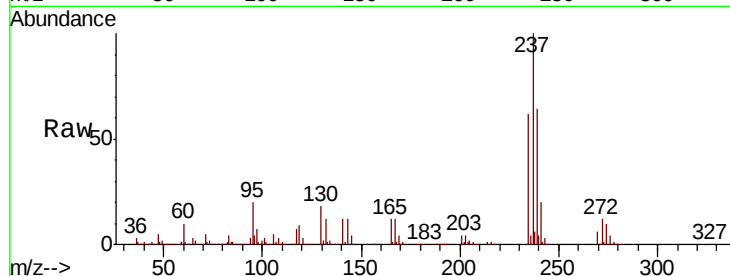




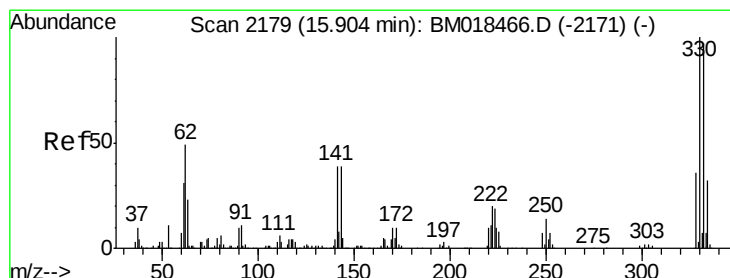
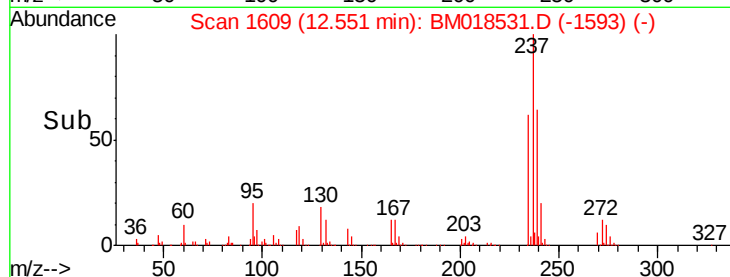
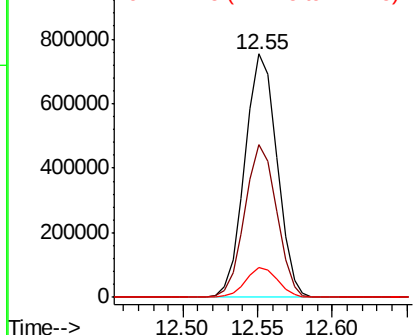
#41
Hexachlorocyclopentadiene
Concen: 47.374 ng
RT: 12.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:237 Resp: 1121855
Ion Ratio Lower Upper
237 100
235 62.5 42.8 82.8
272 12.0 0.0 31.9

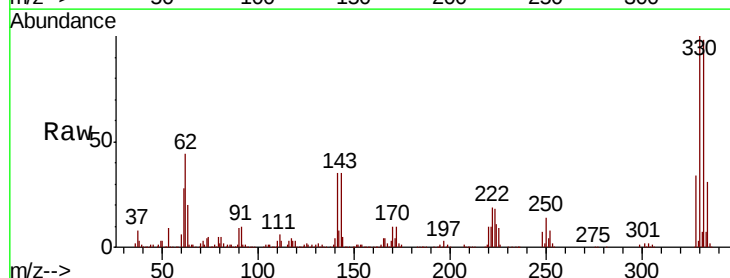


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

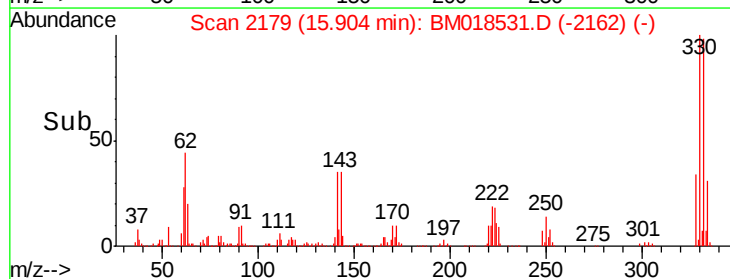
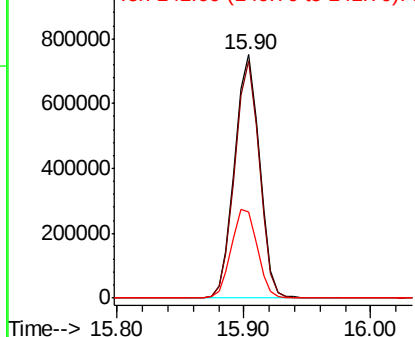


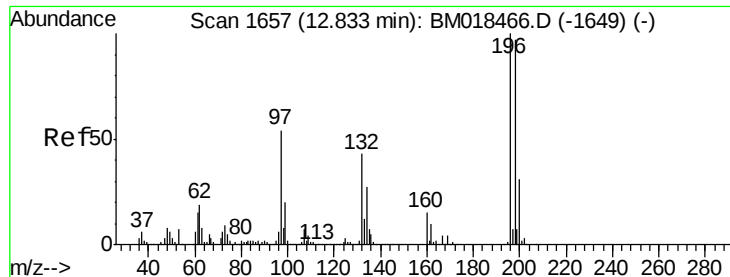
#42
2,4,6-Tribromophenol
Concen: 65.031 ng
RT: 15.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:330 Resp: 1021679
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 38.1 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

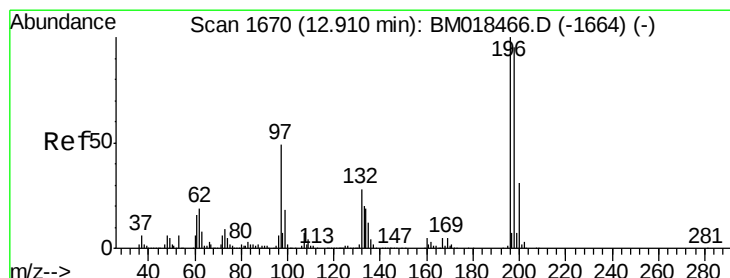
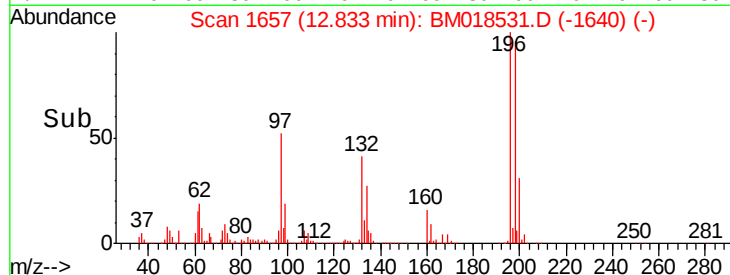
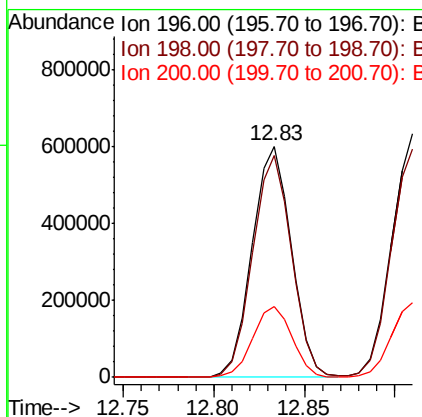
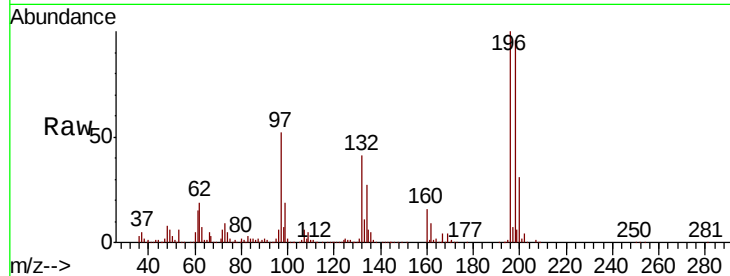




#43
 2,4,6-Trichlorophenol
 Concen: 34.480 ng
 RT: 12.83 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

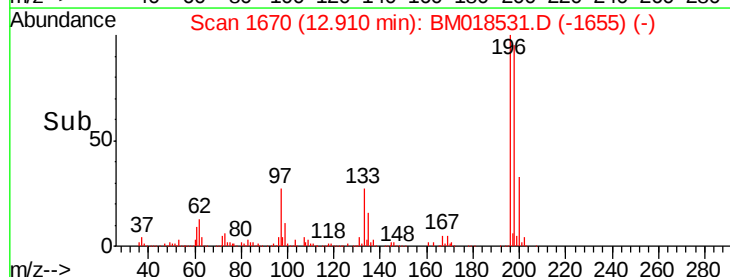
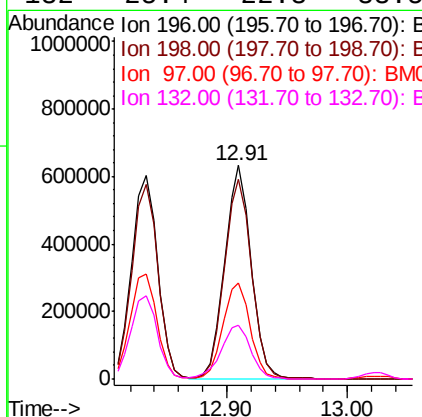
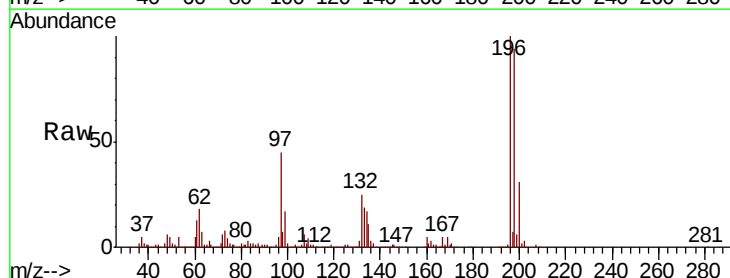
Instrument :
 BNA_M
 ClientSampled :

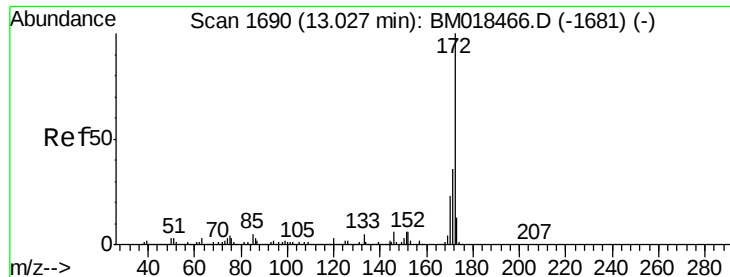
Tot Ion:196 Resp: 903439
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.6 115.0
 200 30.6 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 34.890 ng
 RT: 12.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

Tgt Ion:196 Resp: 961470
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.7 115.1
 97 44.7 39.2 58.8
 132 25.4 22.3 33.5

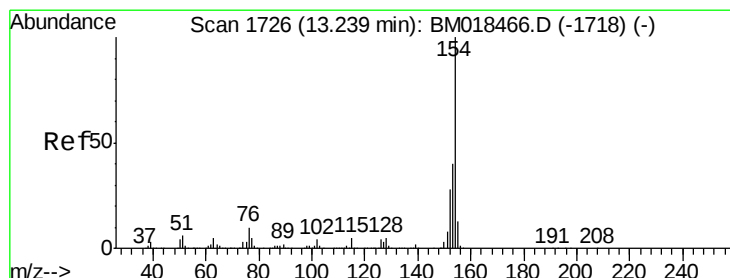
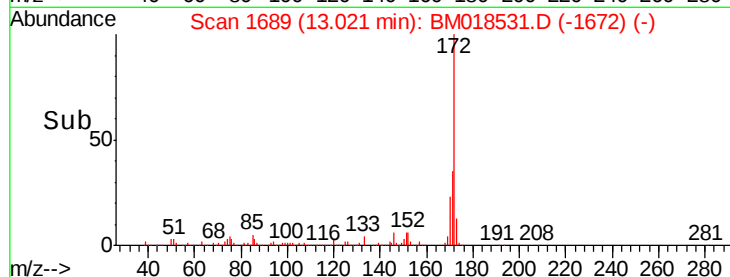
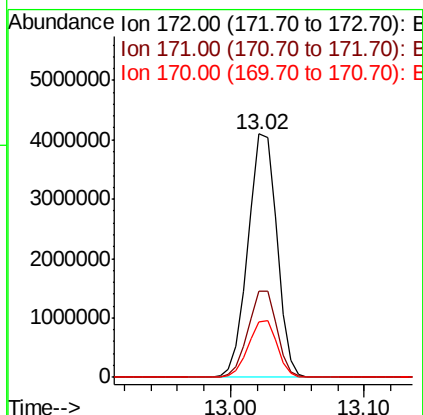
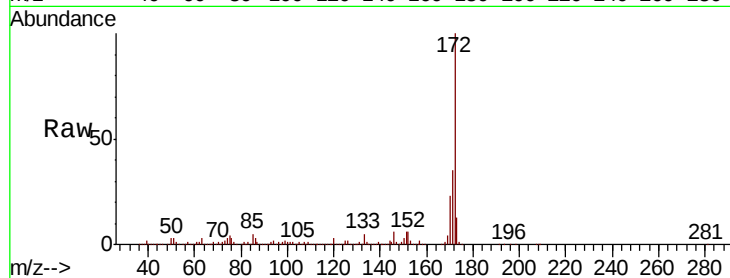




#45
2-Fluorobiphenyl
Concen: 64.417 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

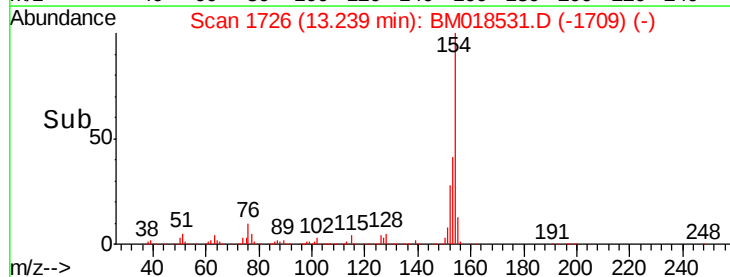
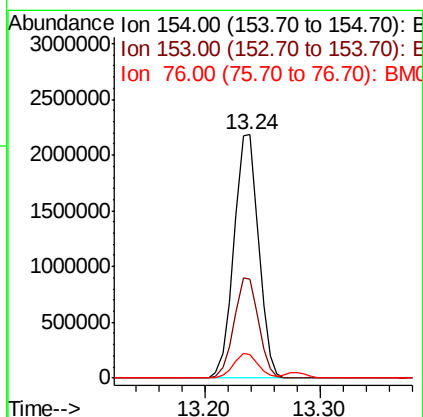
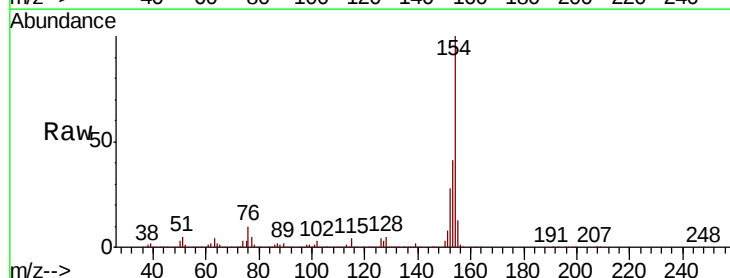
Instrument :
BNA_M
ClientSampleId :

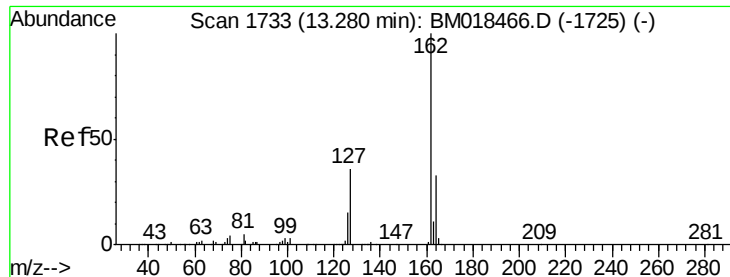
Tot Ion:172 Resp: 6091278
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.0 18.9 28.3



#46
1,1'-Biphenyl
Concen: 29.981 ng
RT: 13.24 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:154 Resp: 3230084
Ion Ratio Lower Upper
154 100
153 40.7 20.5 60.5
76 9.7 0.0 31.9

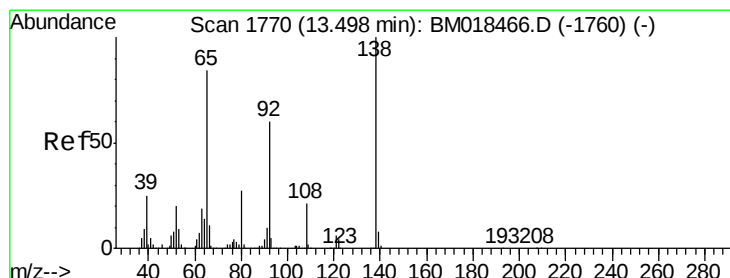
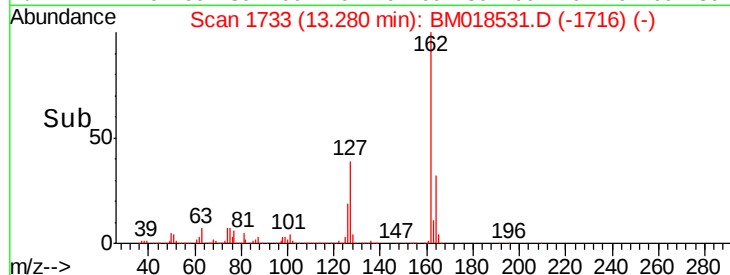
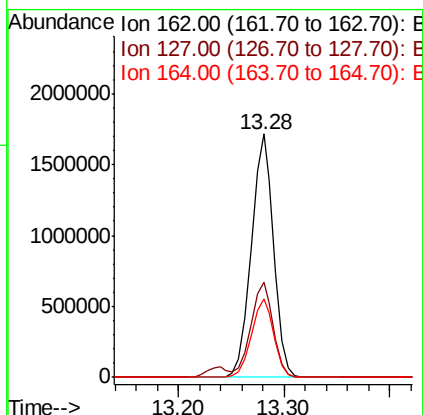
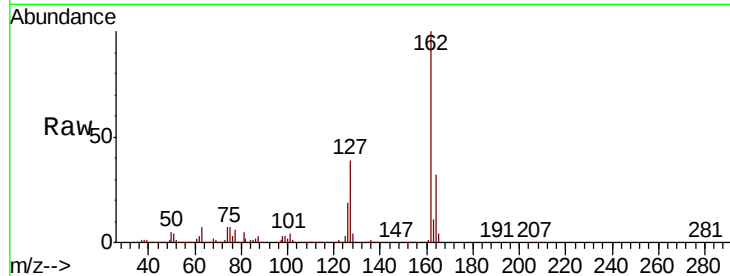




#47
2-Chloronaphthalene
Concen: 30.076 ng
RT: 13.28 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

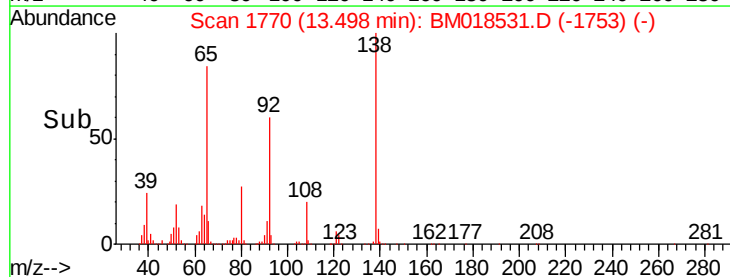
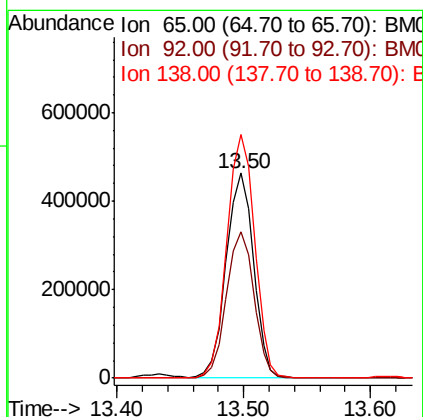
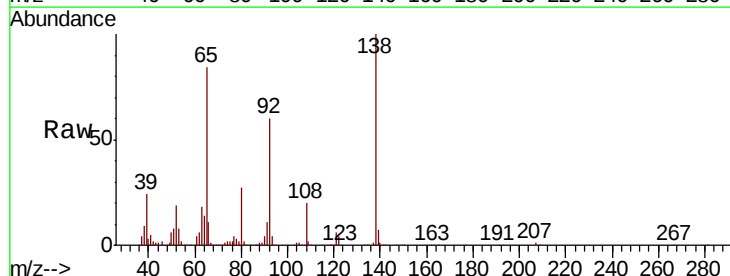
Instrument :
BNA_M
ClientSampleId :

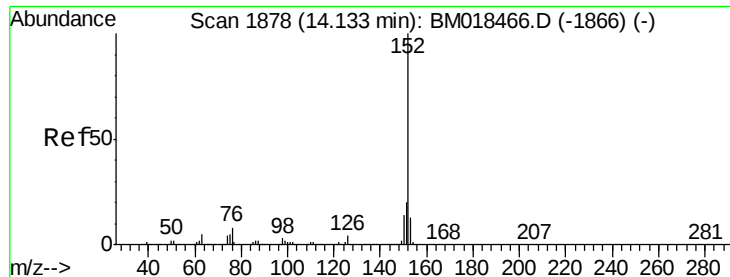
Tot Ion:162 Resp: 2512681
Ion Ratio Lower Upper
162 100
127 39.2 31.4 47.0
164 32.2 26.2 39.4



#48
2-Nitroaniline
Concen: 33.698 ng
RT: 13.50 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion: 65 Resp: 692633
Ion Ratio Lower Upper
65 100
92 71.5 53.4 80.2
138 118.7 88.9 133.3





#49

Acenaphthylene

Concen: 33.840 ng

RT: 14.13 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

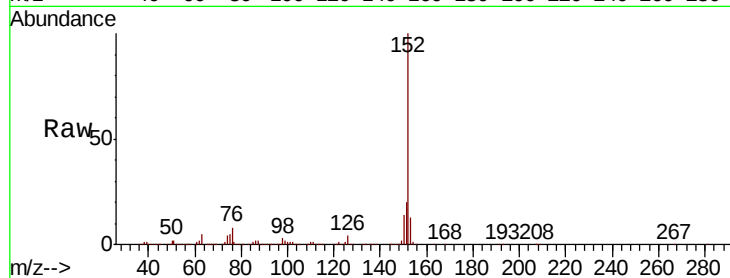
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 4120019

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.1	10.5	15.7

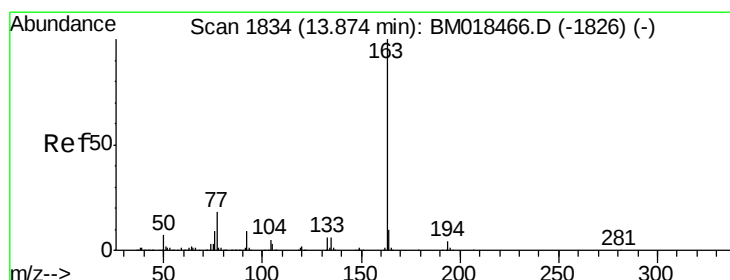
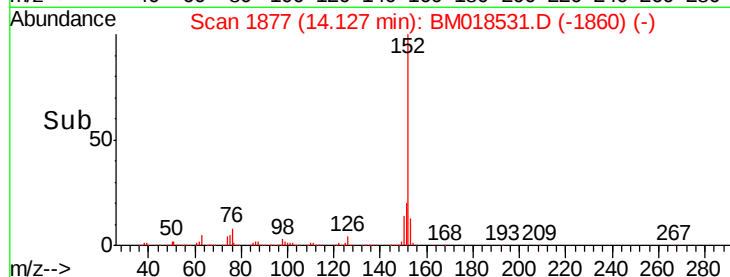
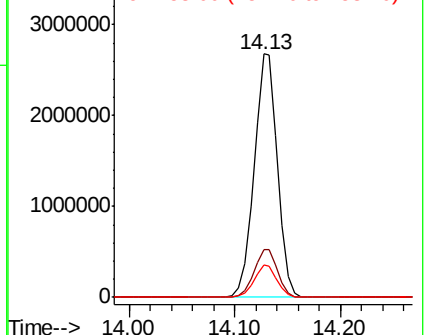


Abundance

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: 32.229 ng

RT: 13.87 min Scan# 1833

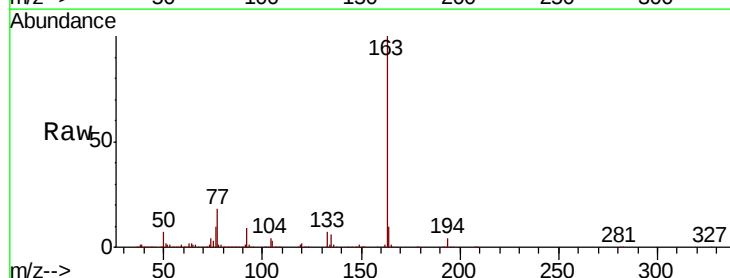
Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Tgt Ion:163 Resp: 3265883

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.9	7.8	11.8

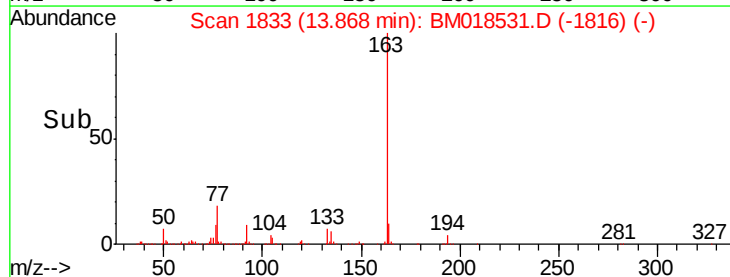
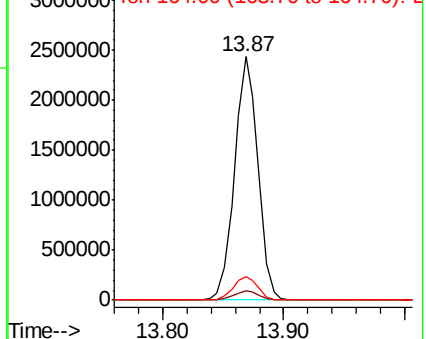


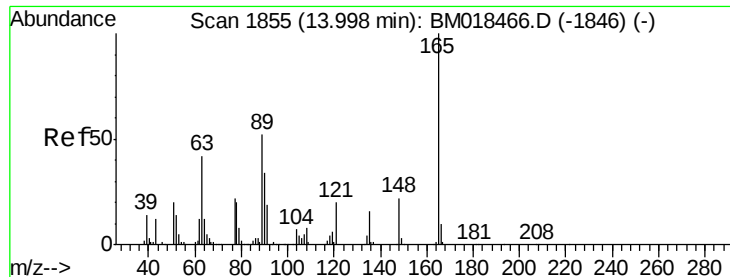
Abundance

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

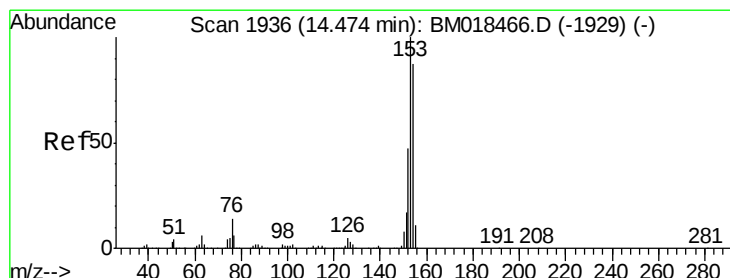
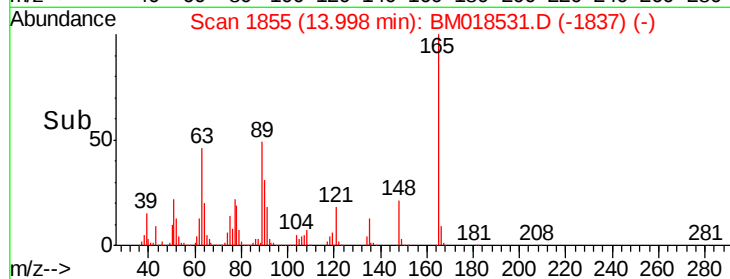
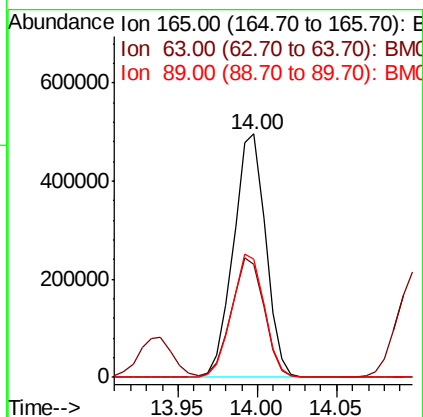
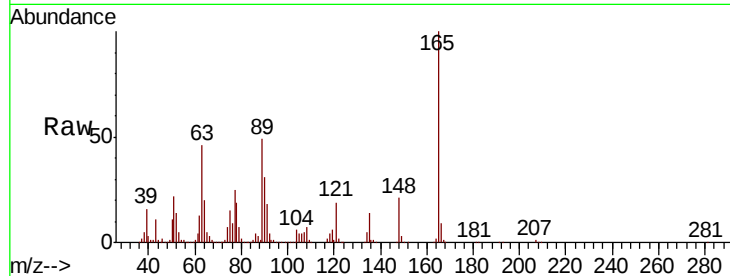




#51
 2,6-Dinitrotoluene
 Concen: 32.688 ng
 RT: 14.00 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

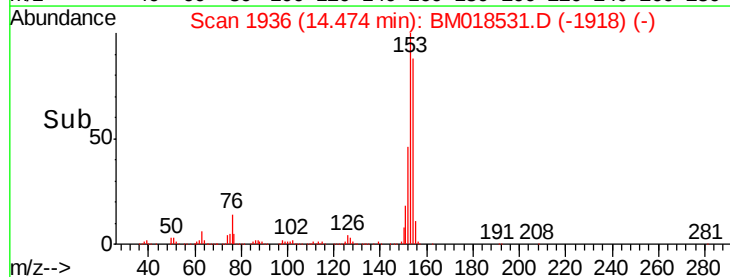
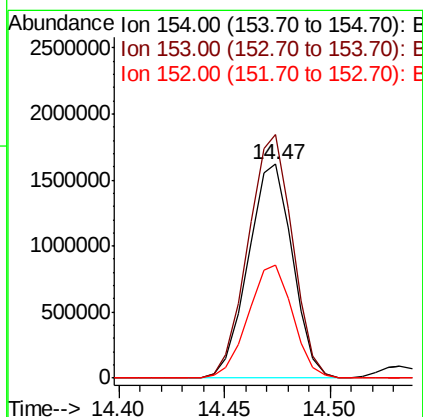
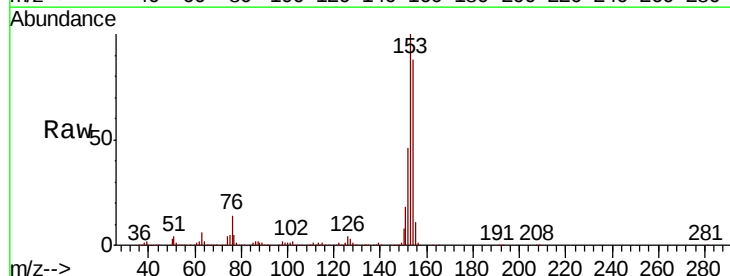
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.3	45.6	68.4
89	48.5	44.6	66.8



#52
 Acenaphthene
 Concen: 31.756 ng
 RT: 14.47 min Scan# 1936
 Delta R.T. 0.01 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	92.3	138.5
152	52.7	43.8	65.6

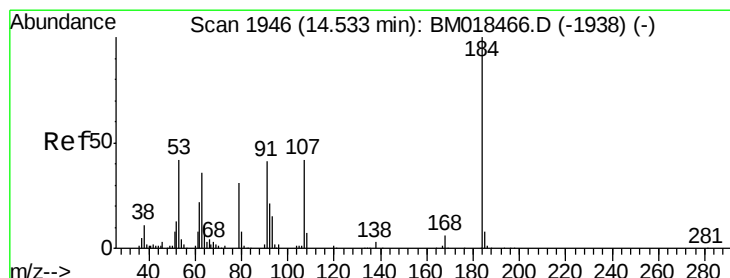
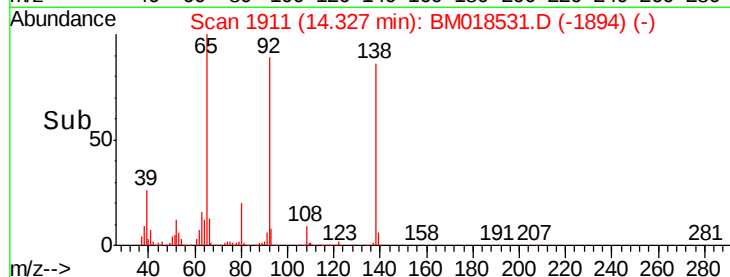
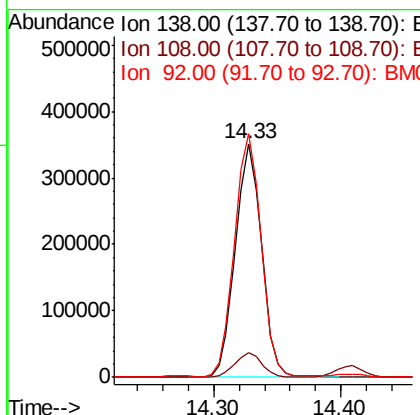
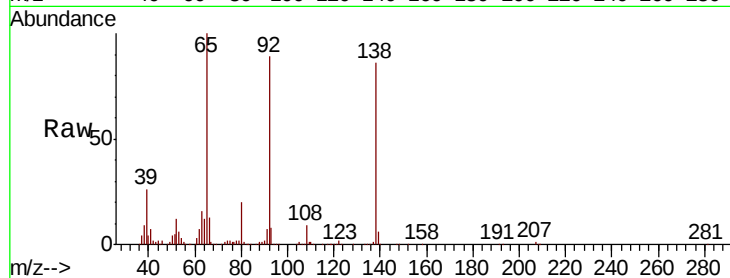




#53
 3-Nitroaniline
 Concen: 23.390 ng
 RT: 14.33 min Scan# 1911
 Delta R.T. -0.00 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

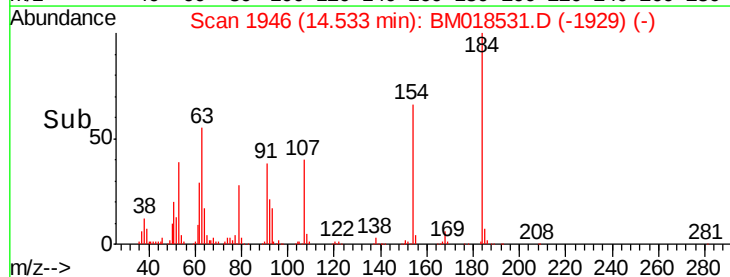
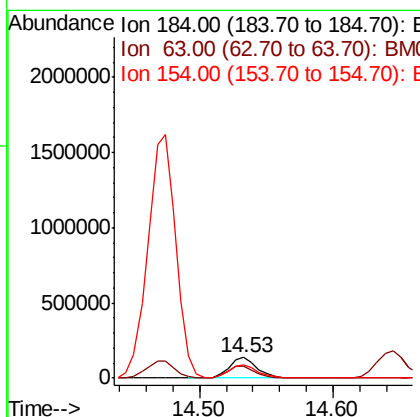
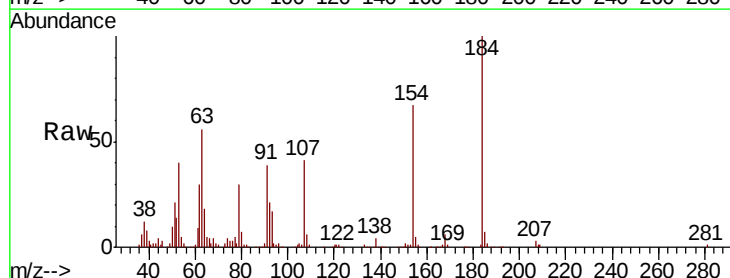
Instrument :
 BNA_M
 ClientSampled :

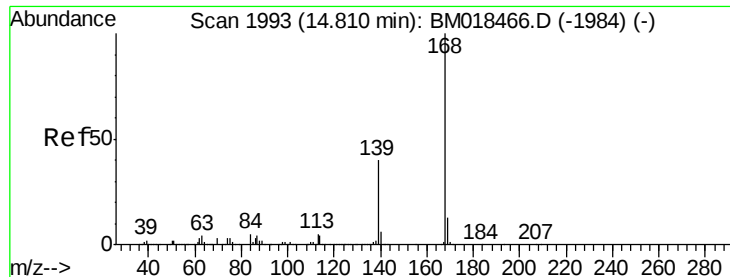
Tot Ion:138 Resp: 506161
 Ion Ratio Lower Upper
 138 100
 108 10.5 9.1 13.7
 92 104.2 88.2 132.2



#54
 2,4-Dinitrophenol
 Concen: 22.935 ng
 RT: 14.53 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

Tgt Ion:184 Resp: 200915
 Ion Ratio Lower Upper
 184 100
 63 55.8 55.9 83.9#
 154 66.7 54.2 81.4

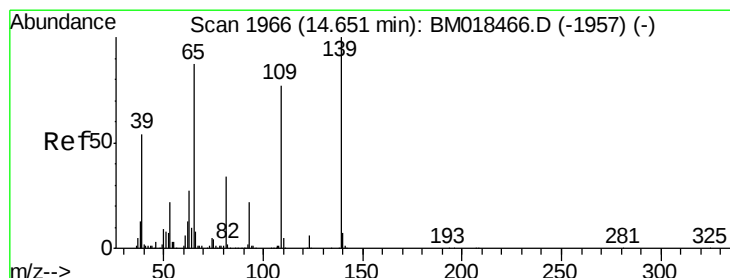
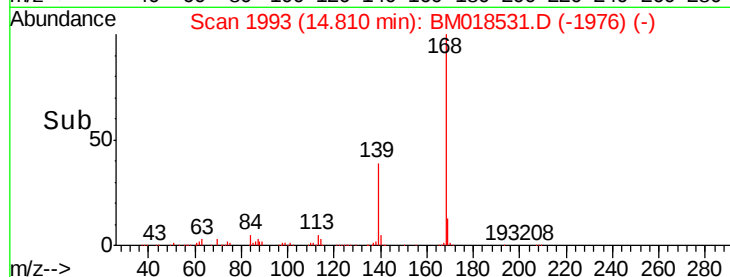
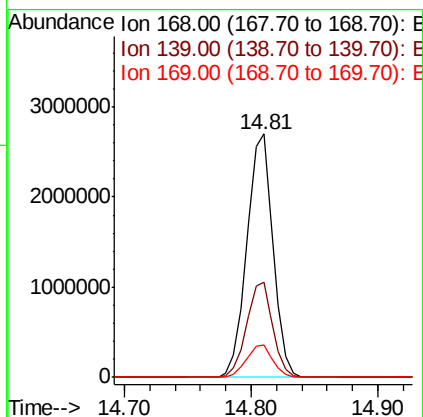
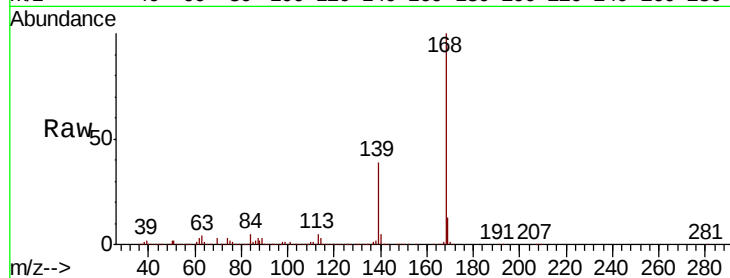




#55
Dibenzofuran
Concen: 31.417 ng
RT: 14.81 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

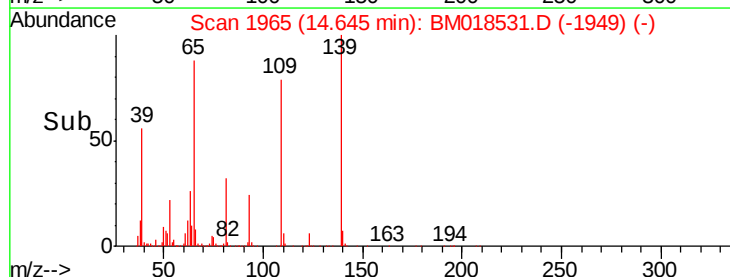
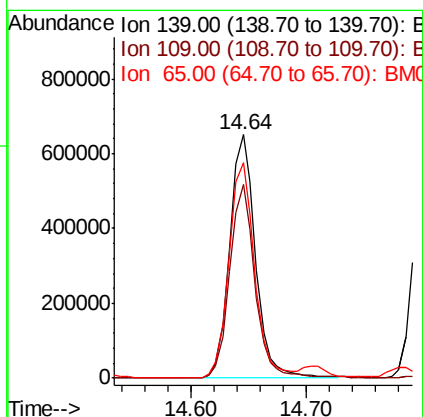
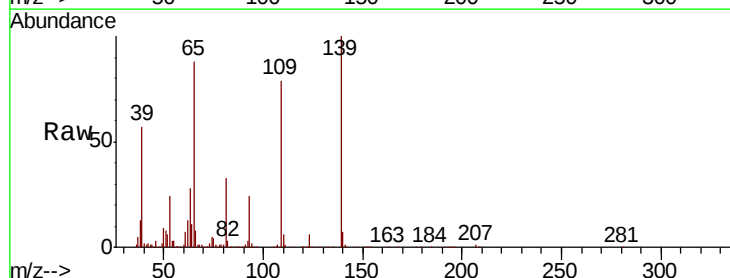
Instrument :
BNA_M
ClientSampleId :

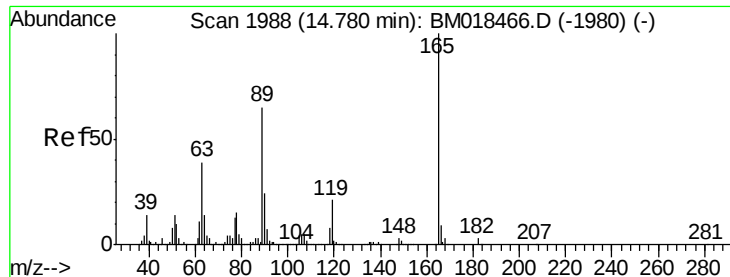
Tot Ion:168 Resp: 3867045
Ion Ratio Lower Upper
168 100
139 39.2 30.3 45.5
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 54.061 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:139 Resp: 1010671
Ion Ratio Lower Upper
139 100
109 79.3 51.7 91.7
65 88.3 71.4 111.4

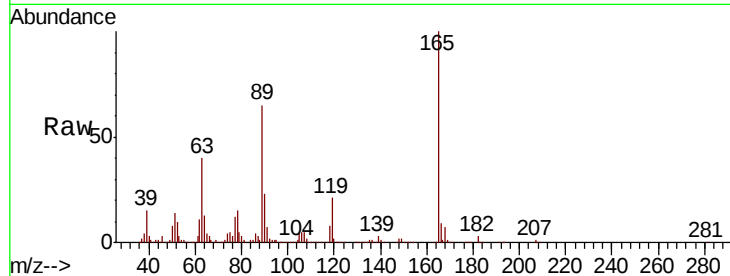




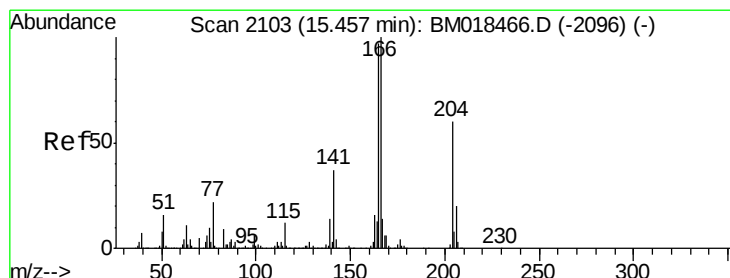
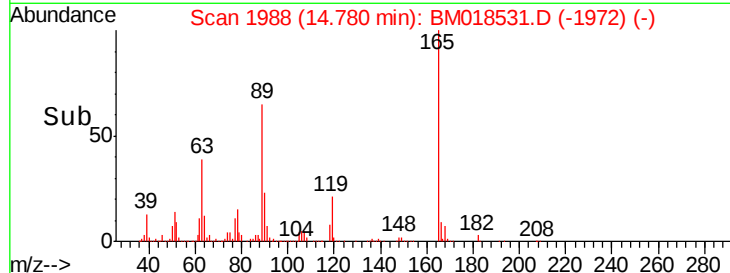
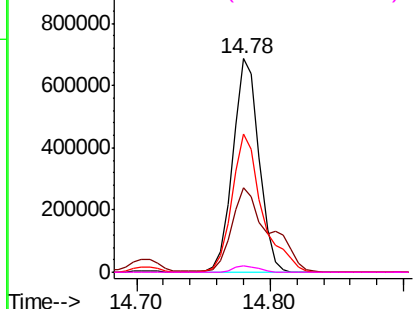
#57
2,4-Dinitrotoluene
Concen: 30.844 ng
RT: 14.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Instrument :
BNA_M
ClientSampled :

Tot Ion:165 Resp: 936759
Ion Ratio Lower Upper
165 100
63 39.9 32.2 48.2
89 65.0 52.1 78.1
182 2.8 2.5 3.7

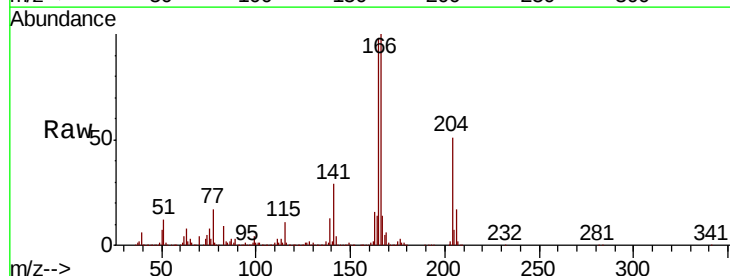


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

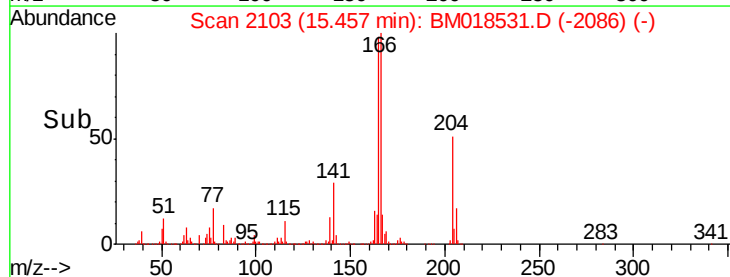
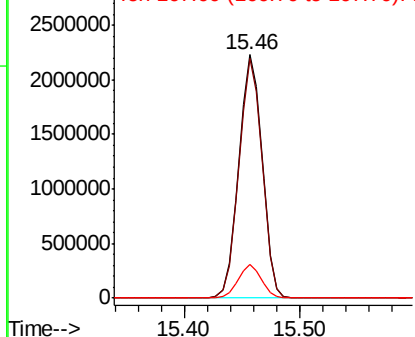


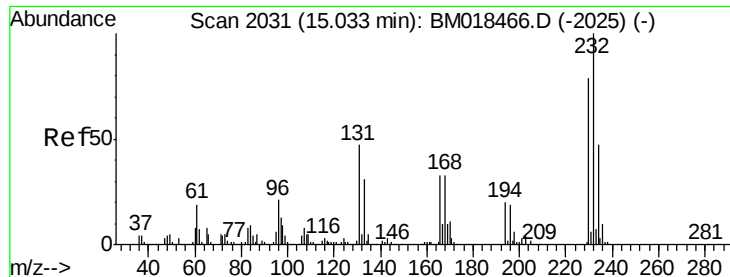
#58
Fluorene
Concen: 34.042 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:166 Resp: 3121345
Ion Ratio Lower Upper
166 100
165 98.3 78.3 117.5
167 13.7 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

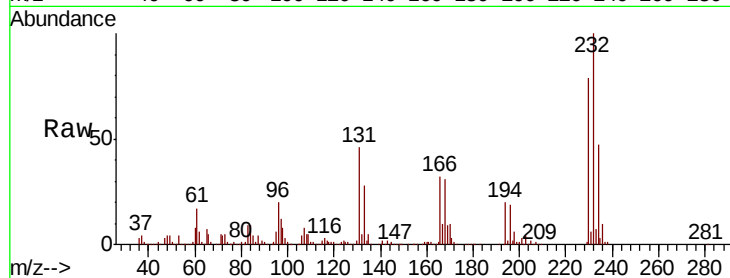




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.475 ng
 RT: 15.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.6	38.6	57.8
130	2.5	2.2	3.4
166	31.8	27.2	40.8



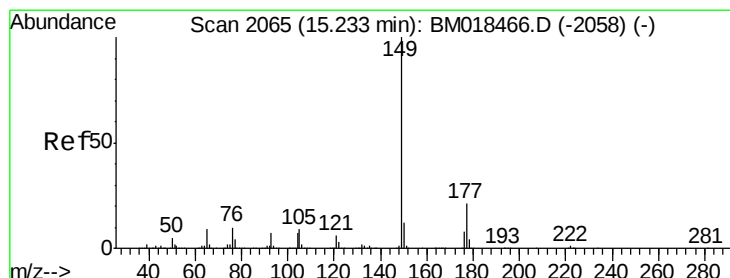
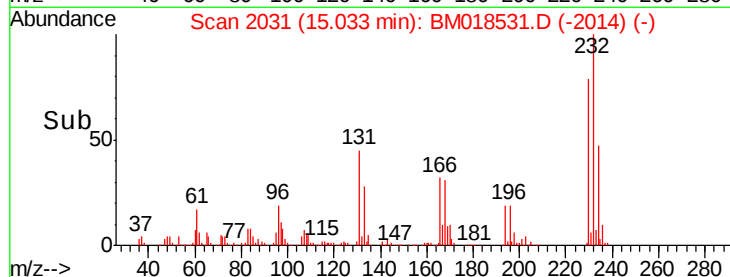
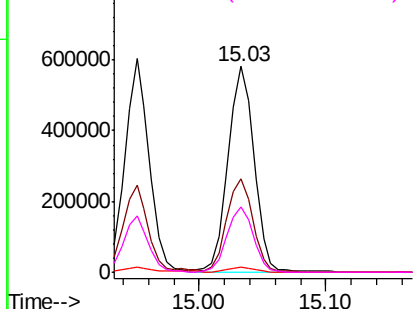
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

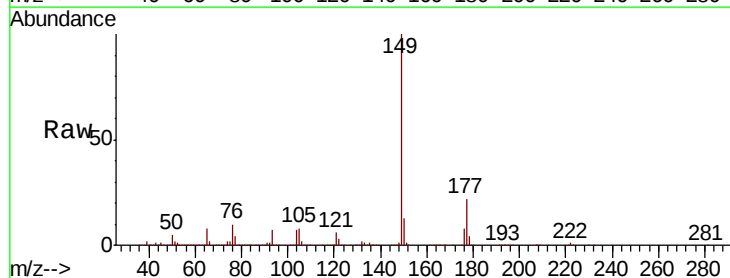
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 32.993 ng
 RT: 15.23 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.6	9.8	14.6

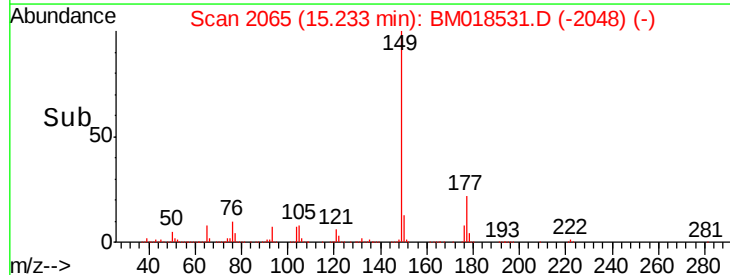
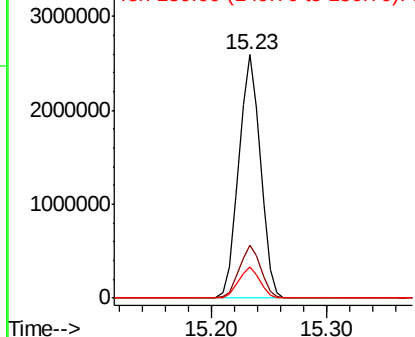


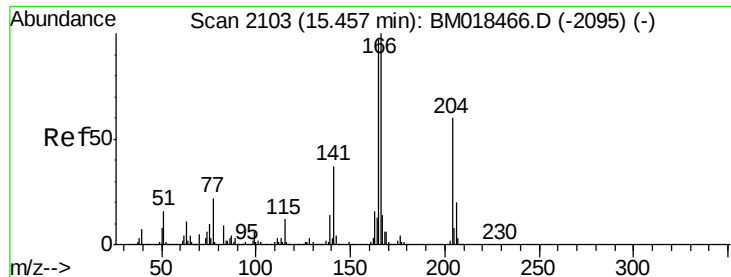
Abundance

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

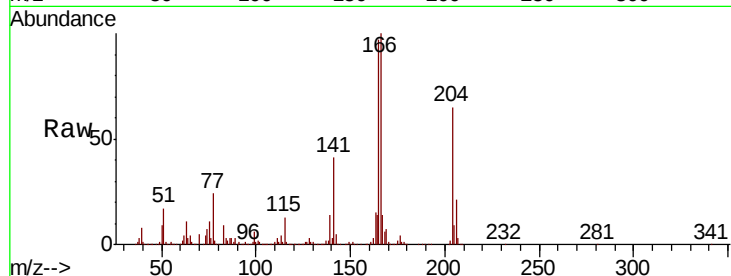




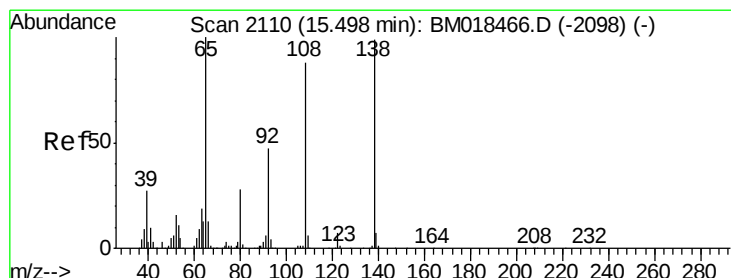
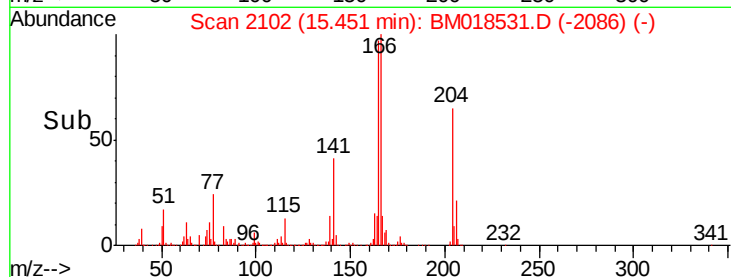
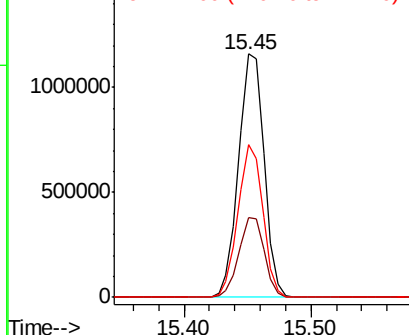
#61
4-Chlorophenyl-phenylether
Concen: 30.538 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Instrument :
BNA_M
ClientSampled :

Tot Ion:204 Resp: 1613819
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 62.9 49.5 74.3

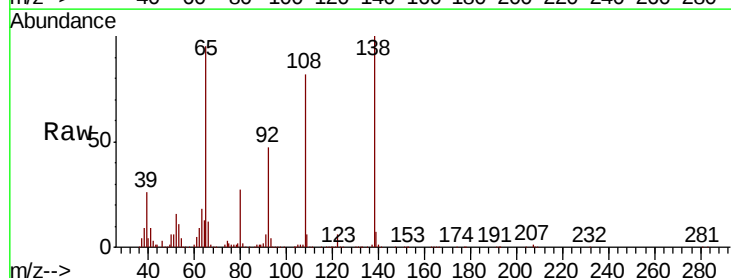


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

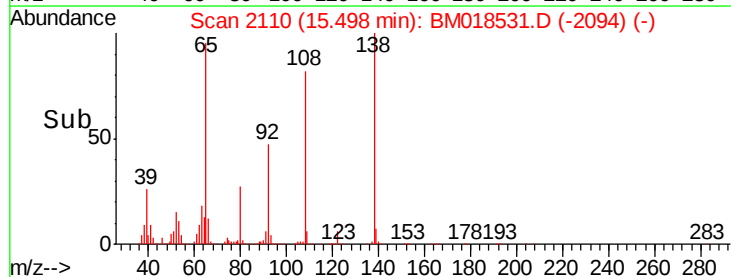
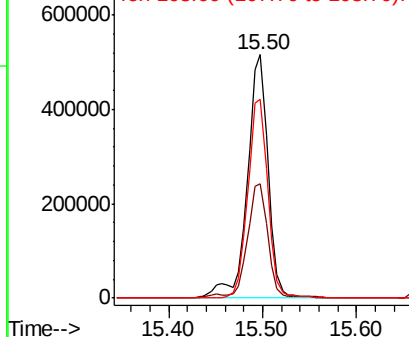


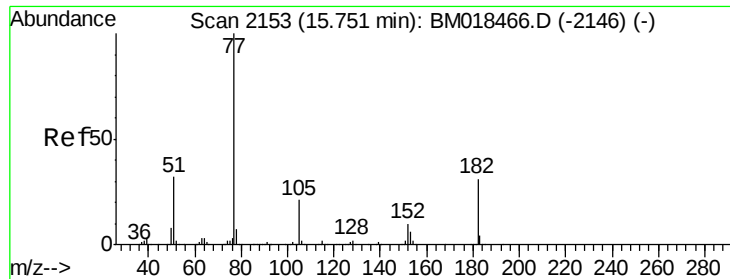
#62
4-Nitroaniline
Concen: 33.575 ng
RT: 15.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:138 Resp: 792512
Ion Ratio Lower Upper
138 100
92 47.2 29.0 69.0
108 81.8 63.9 103.9



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

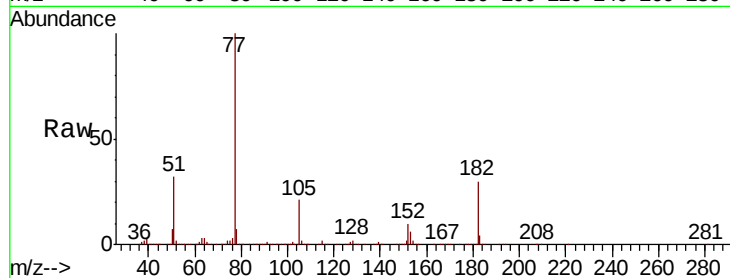




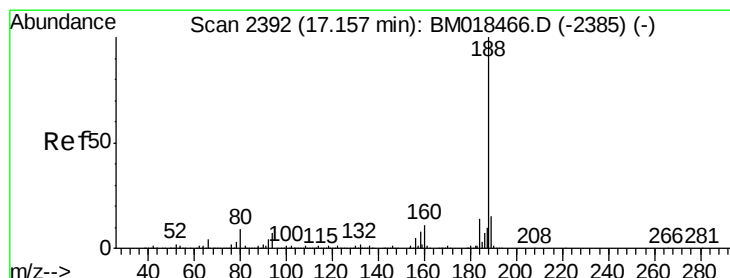
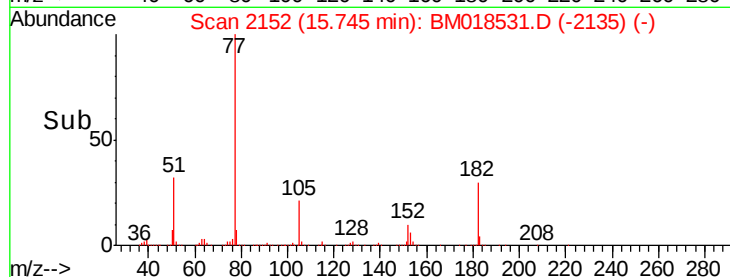
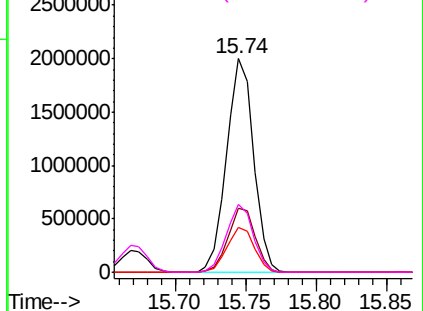
#63
Azobenzene
Concen: 31.849 ng
RT: 15.74 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 2656380
Ion Ratio Lower Upper
77 100
182 30.0 7.4 47.4
105 21.3 0.0 39.6
51 32.0 12.0 52.0

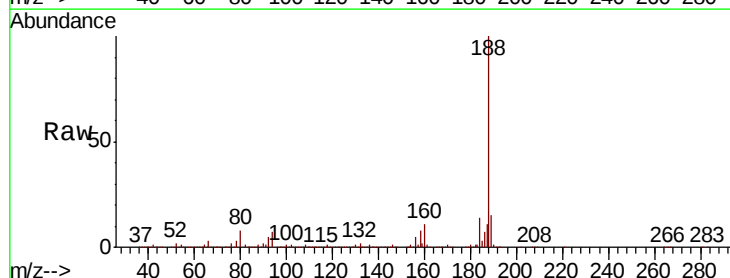


Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-2146) (-)
Ion 182.00 (181.70 to 182.70): BM018466.D (-2146) (-)
Ion 105.00 (104.70 to 105.70): BM018466.D (-2146) (-)
Ion 51.00 (50.70 to 51.70): BM018466.D (-2146) (-)

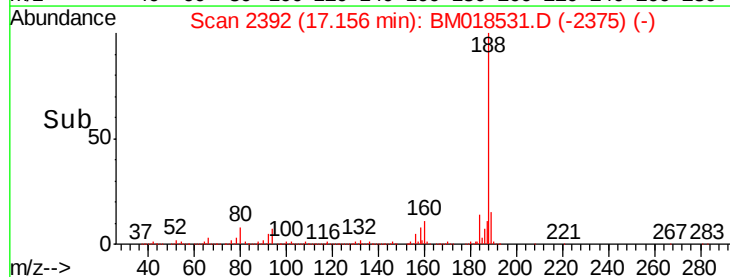
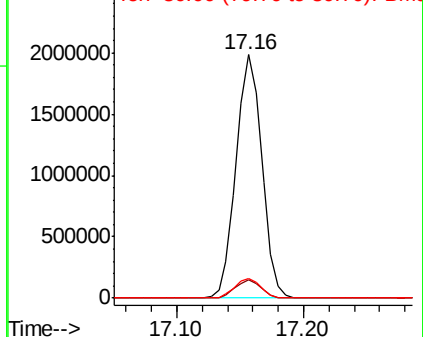


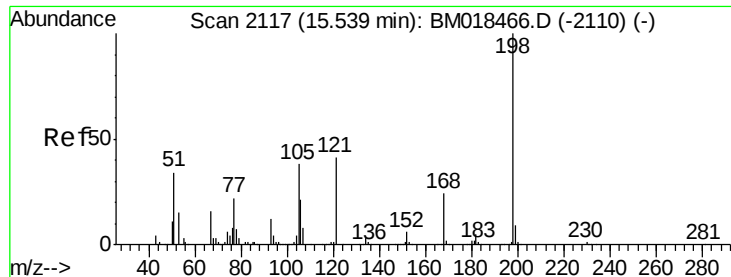
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion: 188 Resp: 2783571
Ion Ratio Lower Upper
188 100
94 7.4 7.1 10.7
80 8.2 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): BM018466.D (-2385) (-)
Ion 94.00 (93.70 to 94.70): BM018466.D (-2385) (-)
Ion 80.00 (79.70 to 80.70): BM018466.D (-2385) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 14.453 ng

RT: 15.54 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

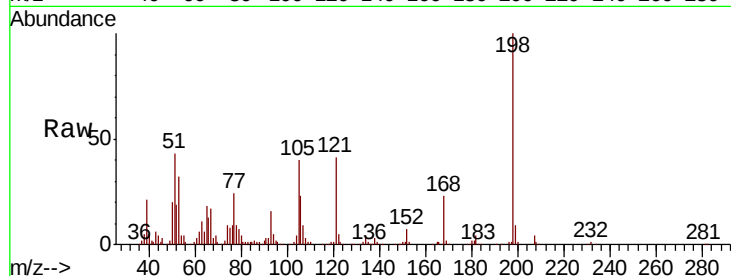
Instrument :

BNA_M

ClientSampleId :

Tot Ion:198 Resp: 181088

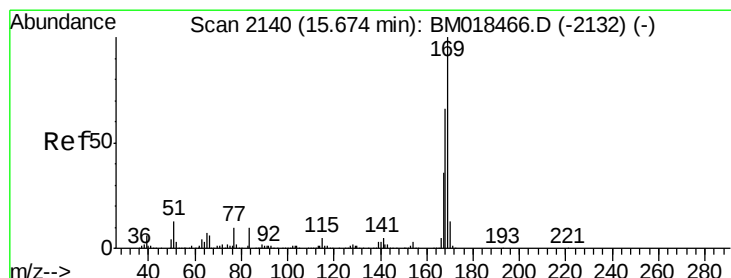
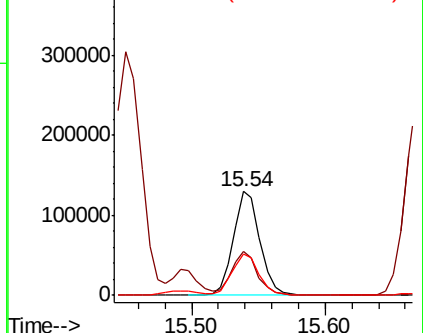
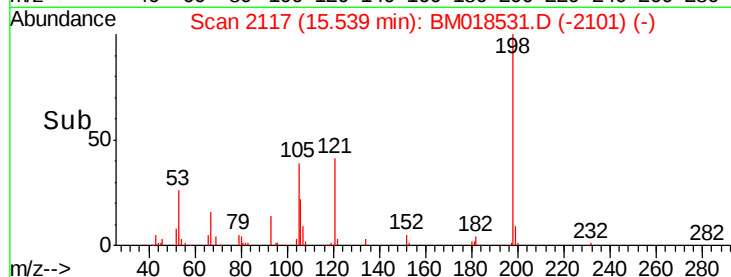
Ion	Ratio	Lower	Upper
198	100		
51	42.6	29.6	69.6
105	39.5	25.5	65.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 32.127 ng

RT: 15.67 min Scan# 2140

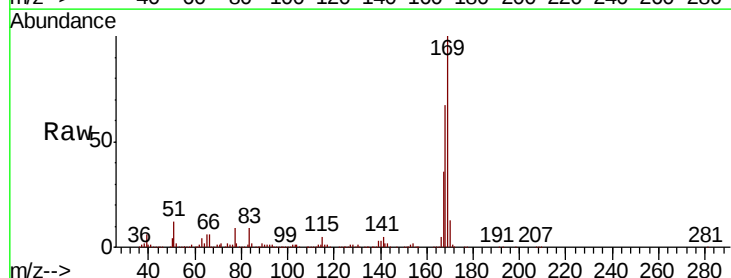
Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Tgt Ion:169 Resp: 2773975

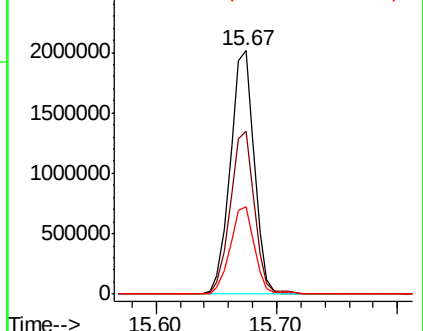
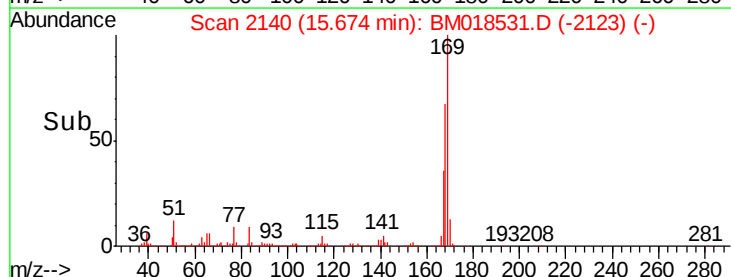
Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.1	81.1
167	35.9	28.6	42.8

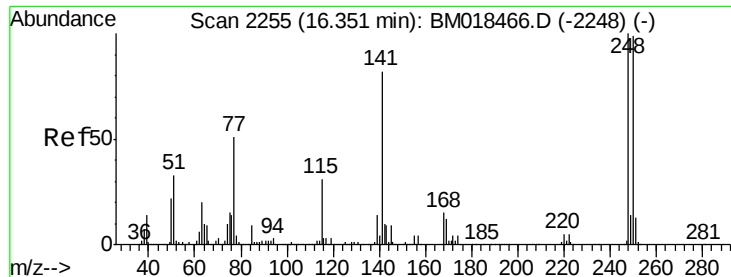


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

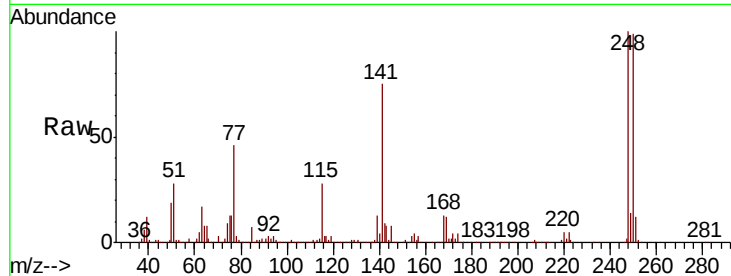




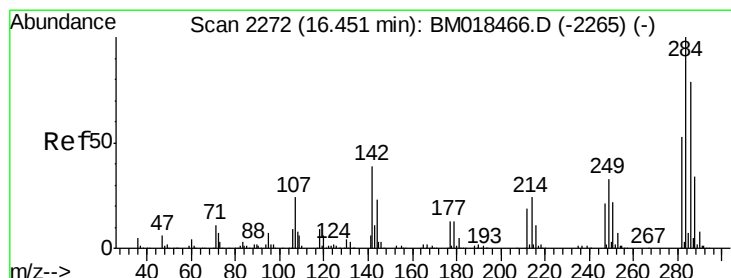
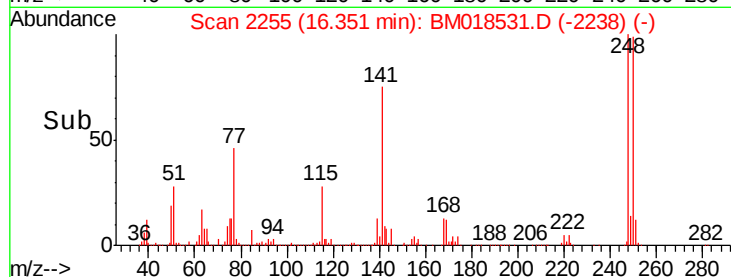
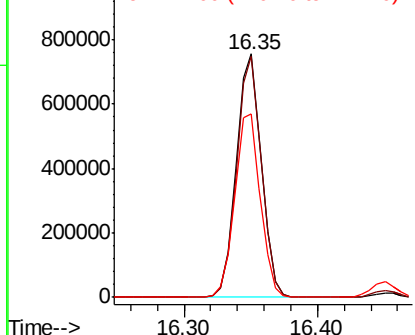
#67
4-Bromophenyl-phenylether
Concen: 31.530 ng
RT: 16.35 min Scan# 2255
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 982157
Ion Ratio Lower Upper
248 100
250 98.8 76.0 114.0
141 75.1 61.5 92.3

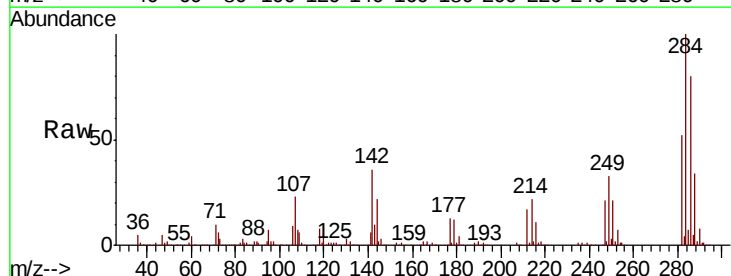


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

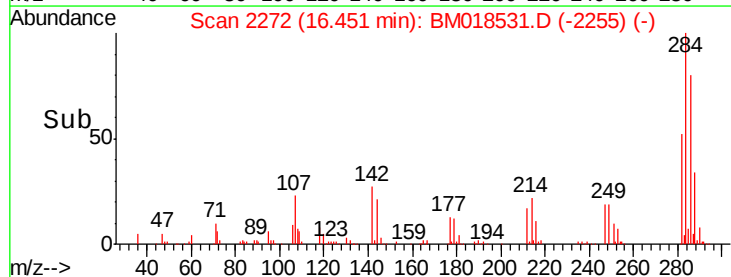
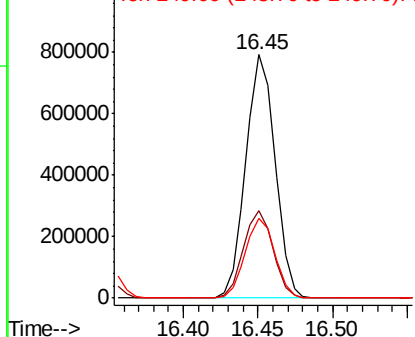


#68
Hexachlorobenzene
Concen: 30.867 ng
RT: 16.45 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:284 Resp: 1076385
Ion Ratio Lower Upper
284 100
142 36.1 29.2 43.8
249 32.8 26.1 39.1



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

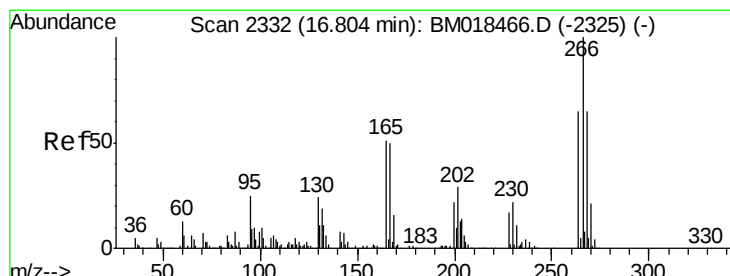
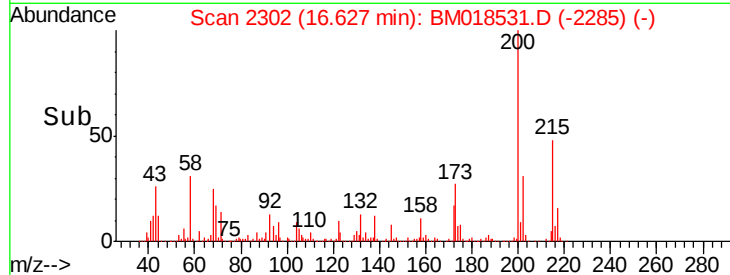
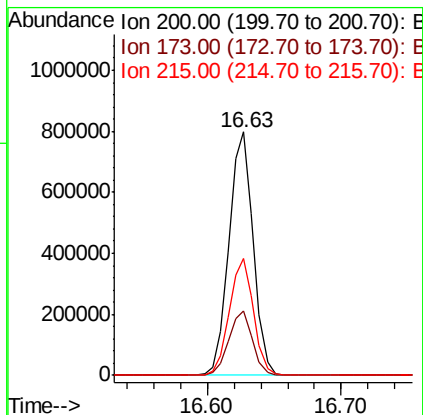
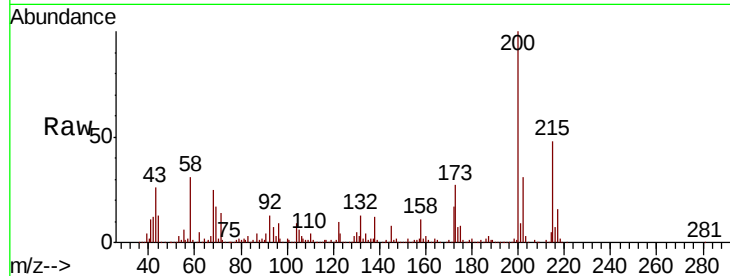




#69
Atrazine
Concen: 32.552 ng
RT: 16.63 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

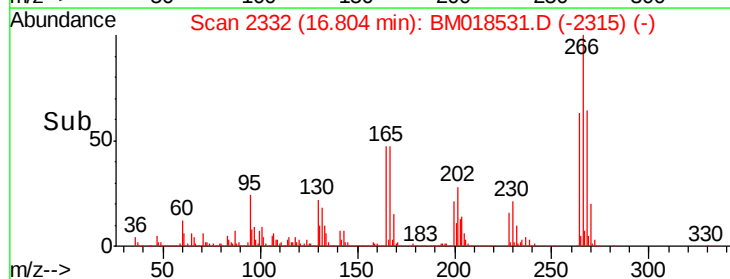
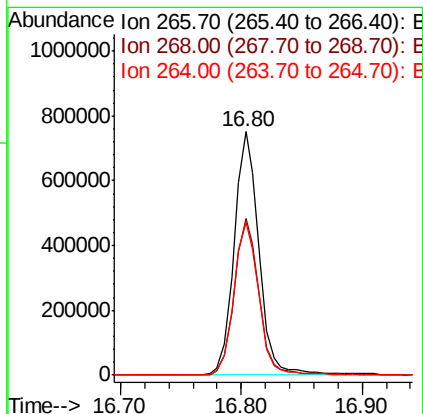
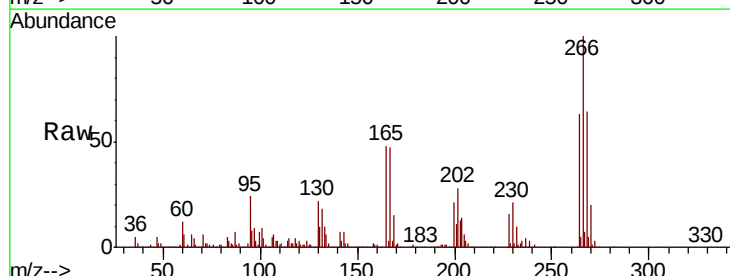
Instrument :
BNA_M
ClientSampleId :

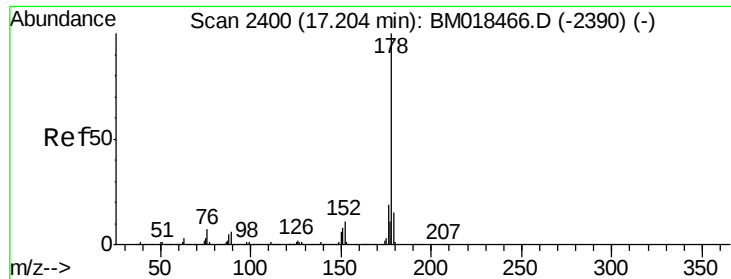
Tot Ion:200 Resp: 1016110
Ion Ratio Lower Upper
200 100
173 26.5 7.2 47.2
215 48.1 28.3 68.3



#70
Pentachlorophenol
Concen: 46.984 ng
RT: 16.80 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:266 Resp: 1073026
Ion Ratio Lower Upper
266 100
268 64.2 49.8 74.6
264 62.9 50.1 75.1

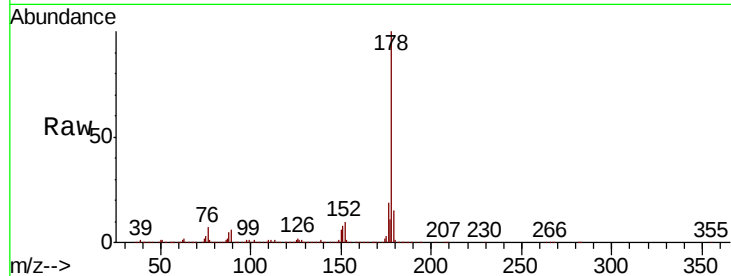




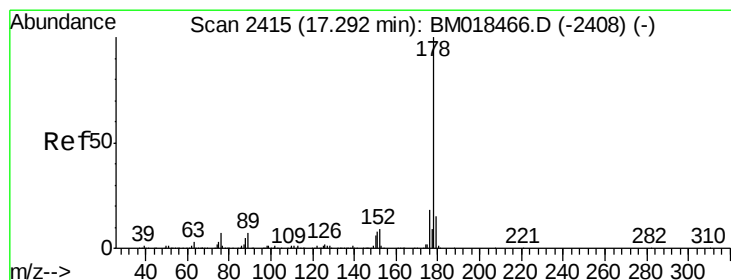
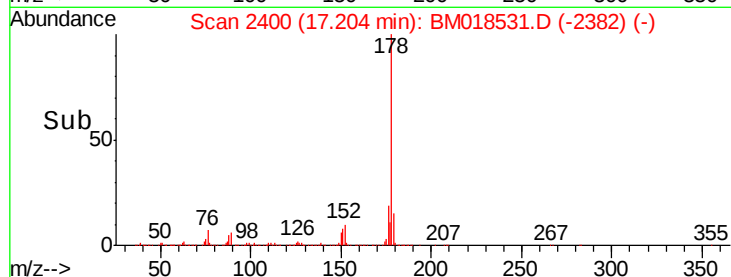
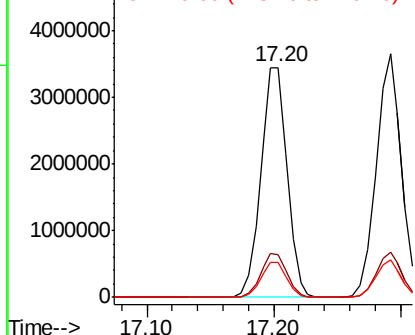
#71
Phenanthrene
Concen: 33.517 ng
RT: 17.20 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 4962371
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.3 12.2 18.4

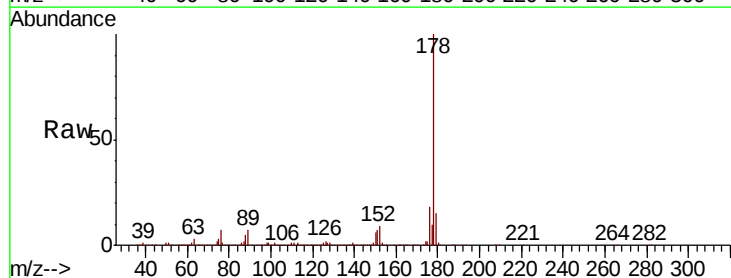


Abundance Ion 178.00 (177.70 to 178.70): E
5000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

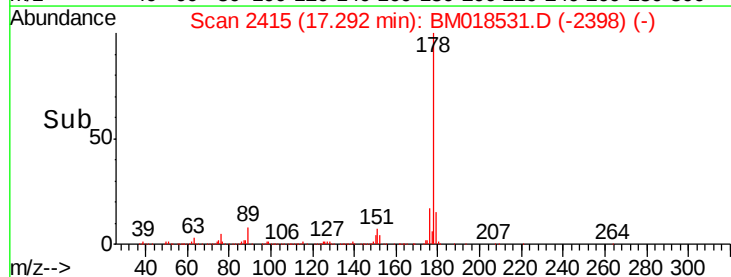
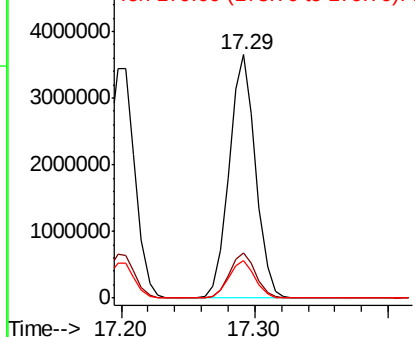


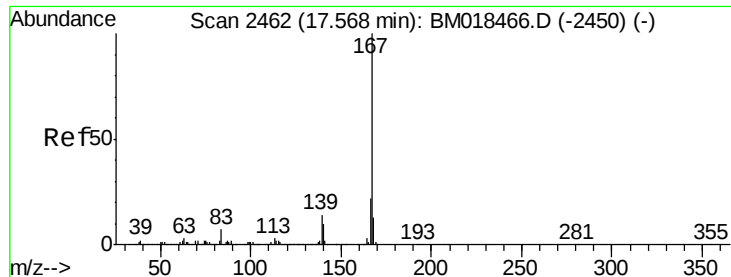
#72
Anthracene
Concen: 35.216 ng
RT: 17.29 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:178 Resp: 5013798
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
5000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



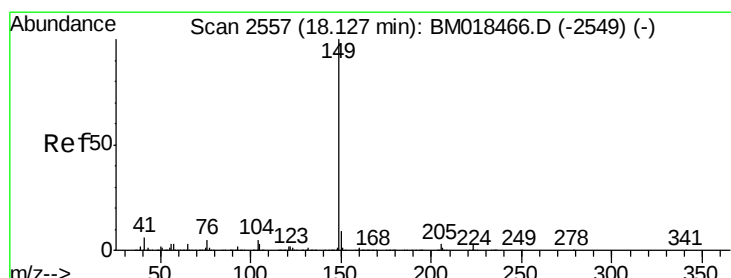
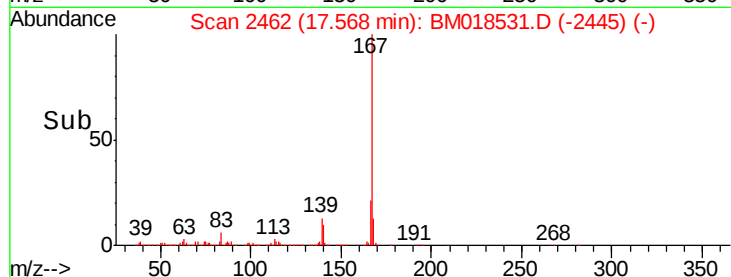
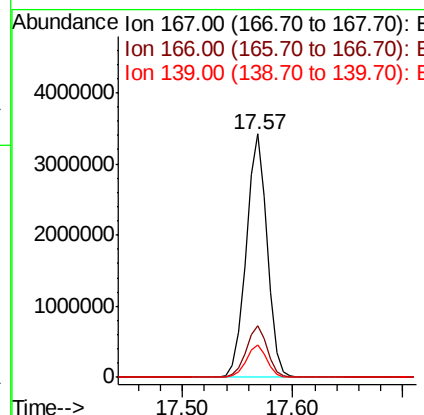
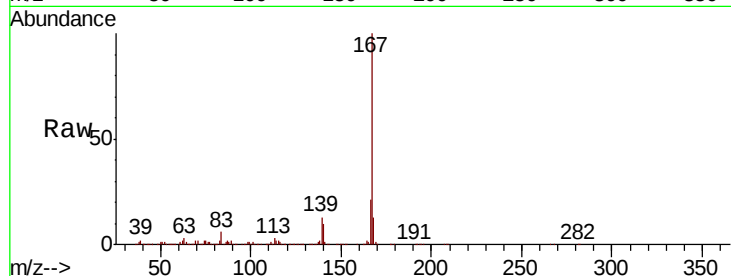


#73
 Carbazole
 Concen: 31.006 ng
 RT: 17.57 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 4535382

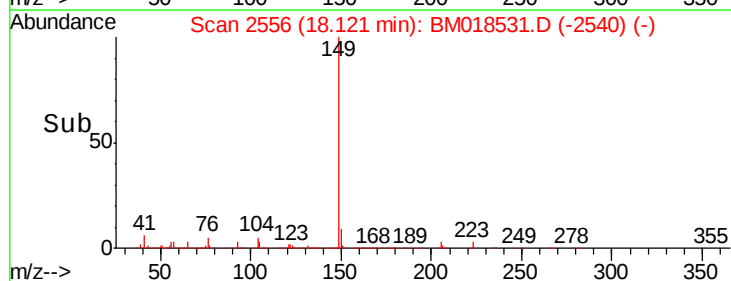
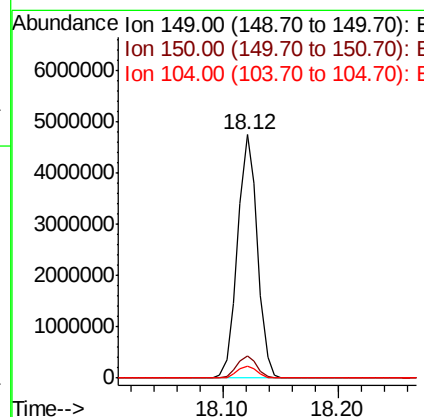
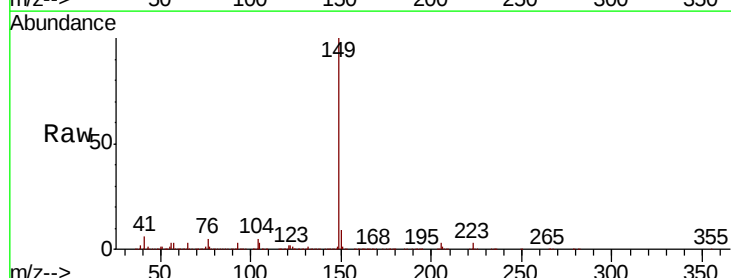
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.2
139	13.2	10.6	16.0

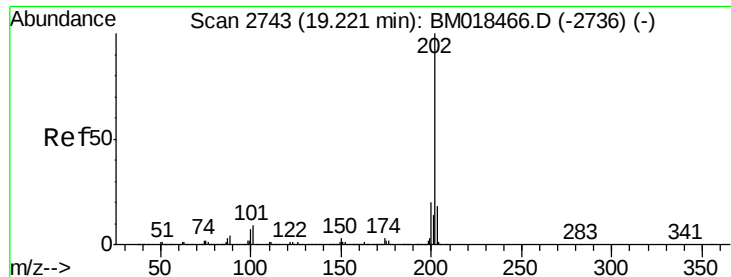


#74
 Di-n-butylphthalate
 Concen: 35.109 ng
 RT: 18.12 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

Tgt Ion:149 Resp: 5625348

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 33.422 ng

RT: 19.22 min Scan# 2743

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA_M

ClientSampleId :

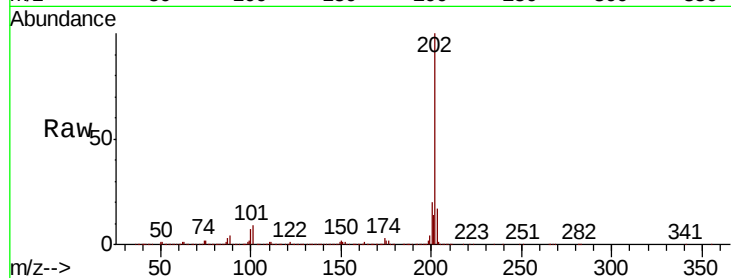
Tot Ion:202 Resp: 5705076

Ion Ratio Lower Upper

202 100

101 8.6 0.0 30.9

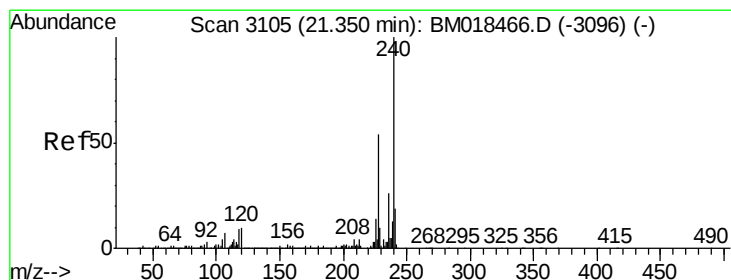
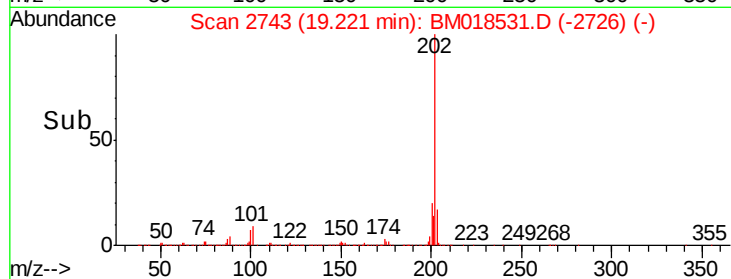
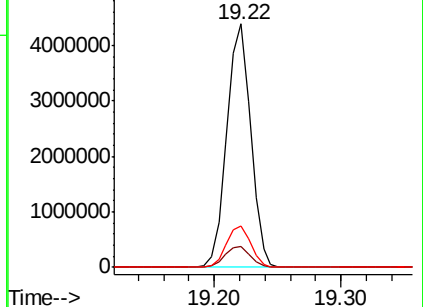
203 17.1 0.0 37.4



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: 21.35 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

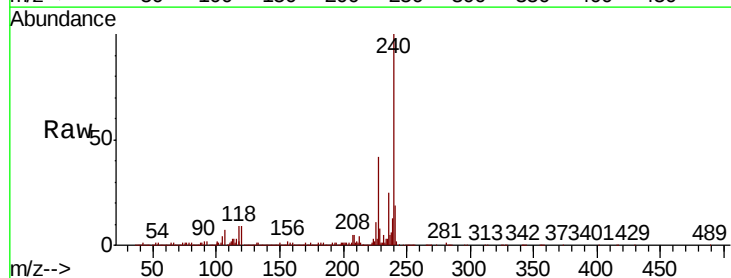
Tgt Ion:240 Resp: 2530865

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

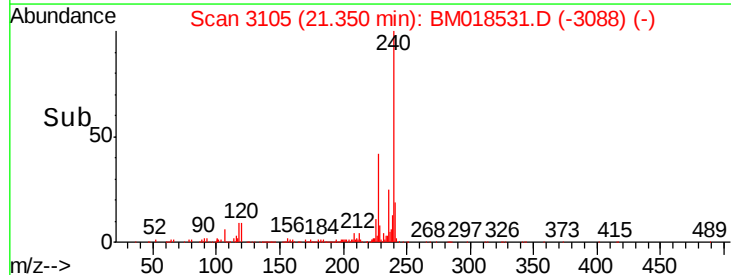
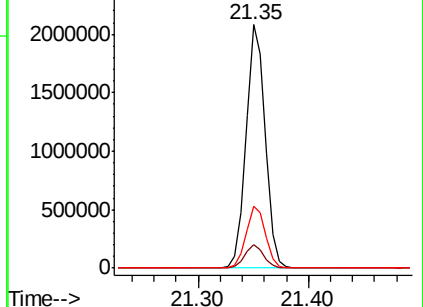
236 25.4 20.7 31.1

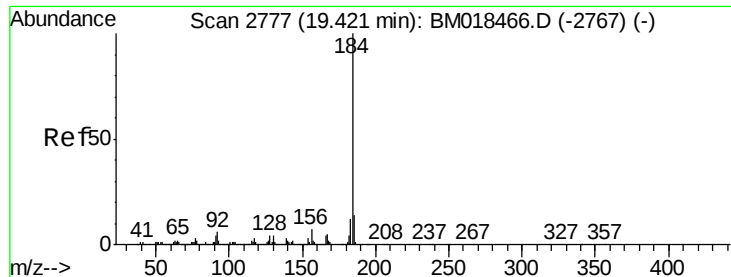


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.461 ng

RT: 19.42 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

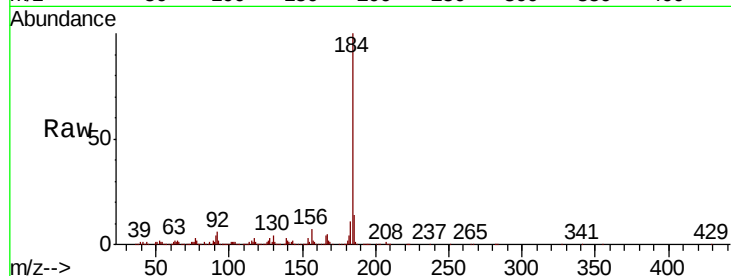
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1528613

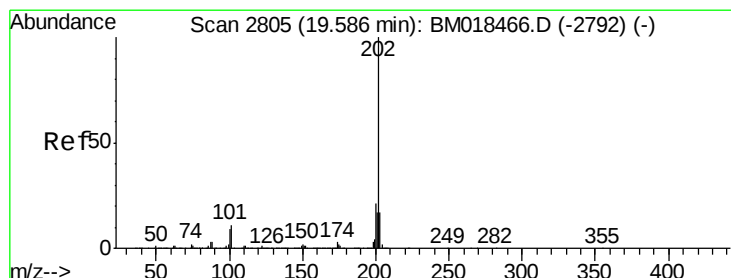
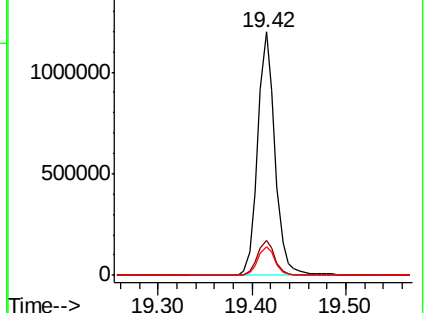
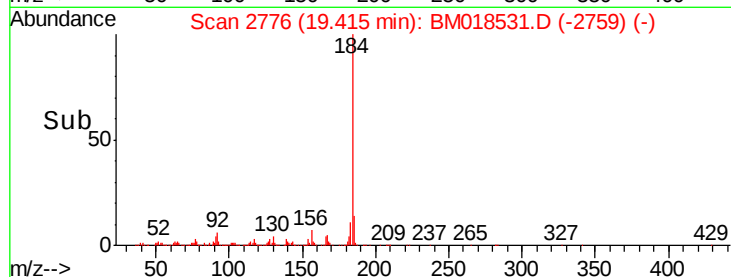
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.4	17.0
183	11.5	9.5	14.3



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: 38.227 ng

RT: 19.59 min Scan# 2805

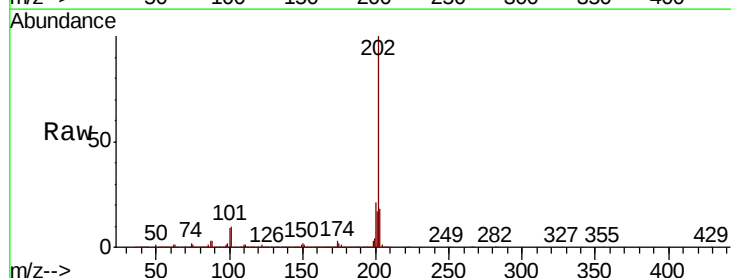
Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Tgt Ion:202 Resp: 5734647

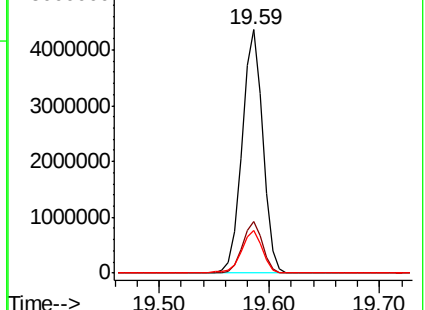
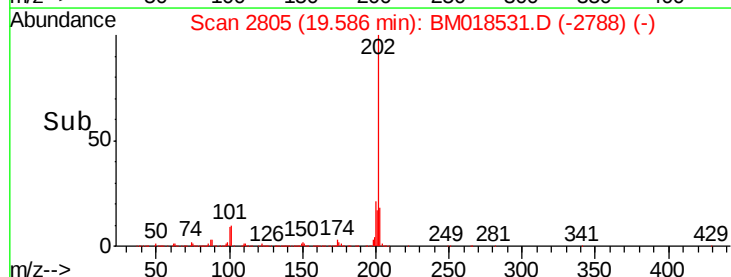
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	17.7	13.8	20.8

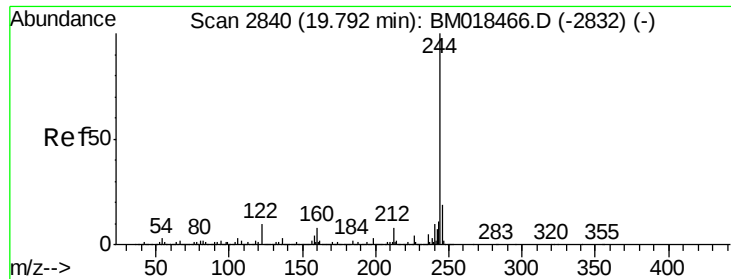


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.447 ng

RT: 19.79 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

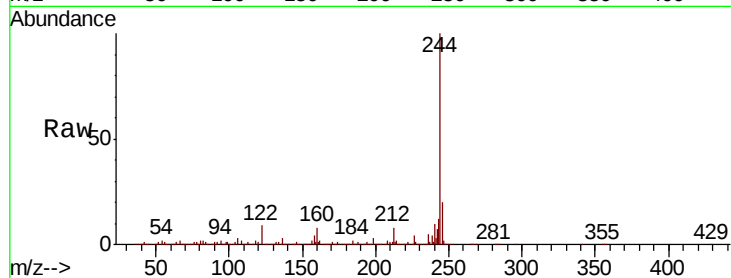
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 7857447

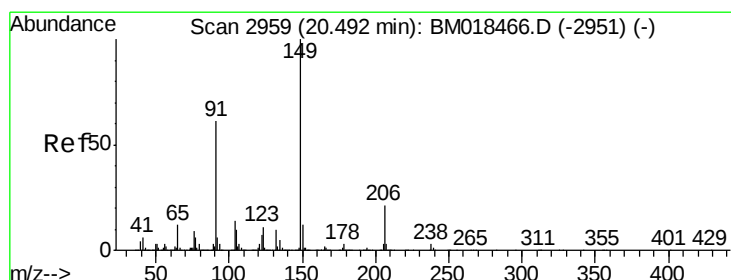
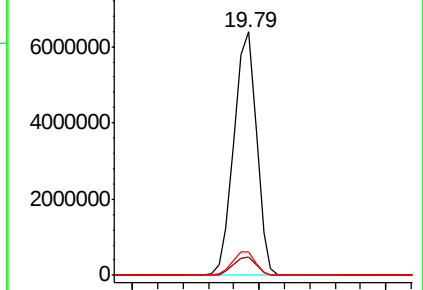
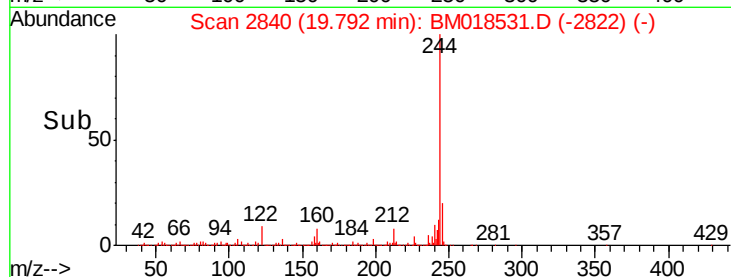
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	9.4	9.0	13.4



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: 40.157 ng

RT: 20.49 min Scan# 2958

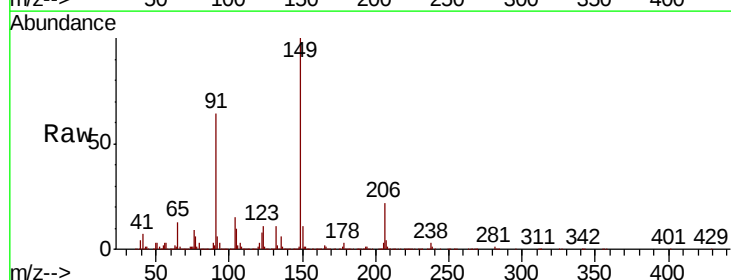
Delta R.T. -0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Tgt Ion:149 Resp: 2570589

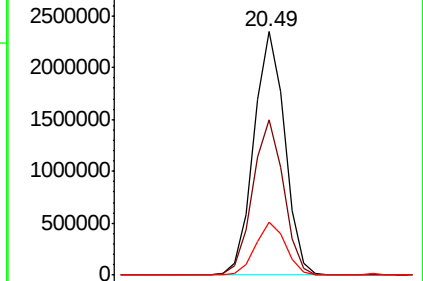
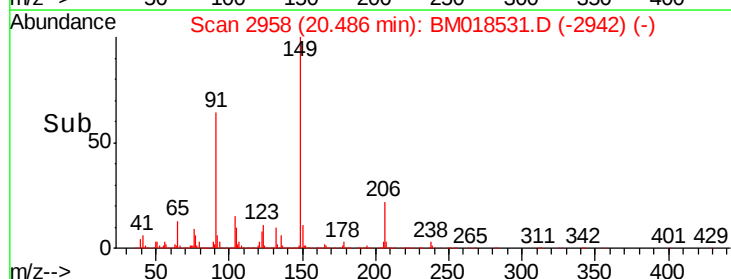
Ion	Ratio	Lower	Upper
149	100		
91	63.6	53.1	79.7
206	21.7	16.2	24.4

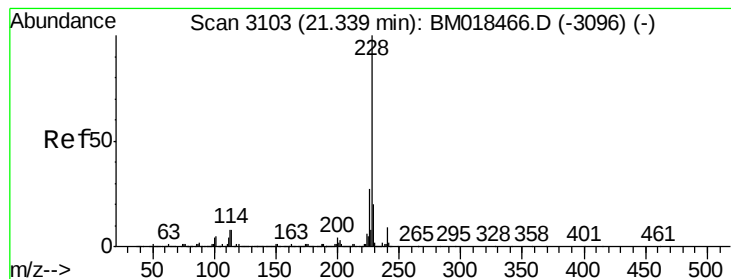


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.382 ng

RT: 21.34 min Scan# 3103

Delta R.T. 0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA_M

ClientSampled :

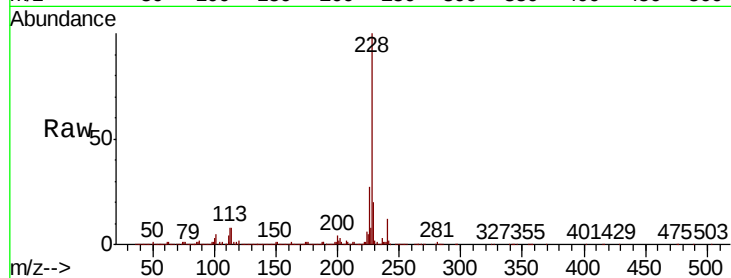
Tot Ion:228 Resp: 5126273

Ion Ratio Lower Upper

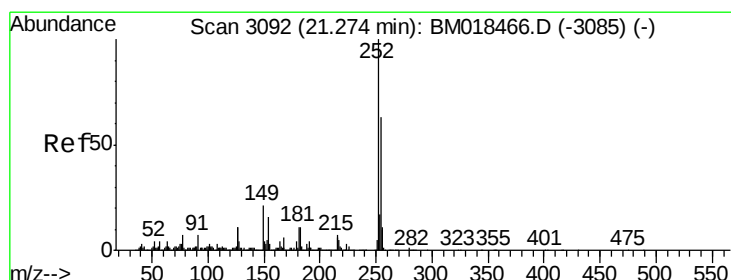
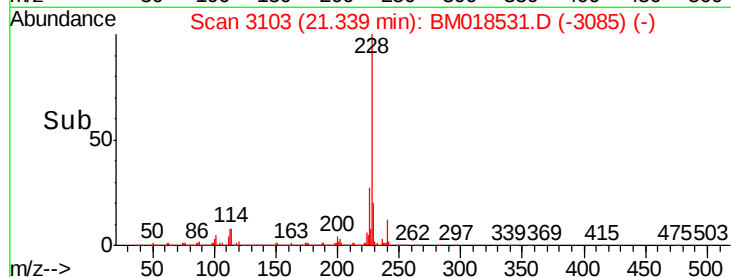
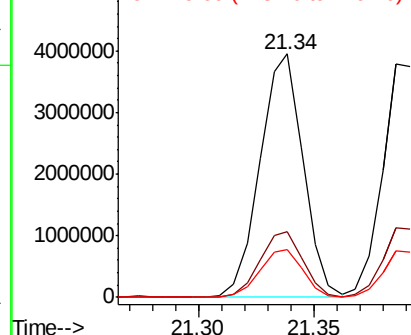
228 100

226 27.0 21.8 32.6

229 19.5 15.8 23.8



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



#82

3,3'-Dichlorobenzidine

Concen: 20.538 ng

RT: 21.27 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

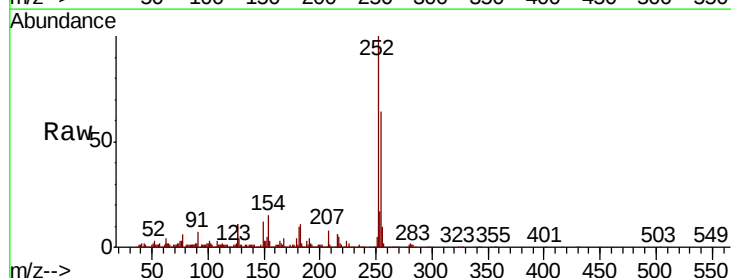
Tgt Ion:252 Resp: 1157922

Ion Ratio Lower Upper

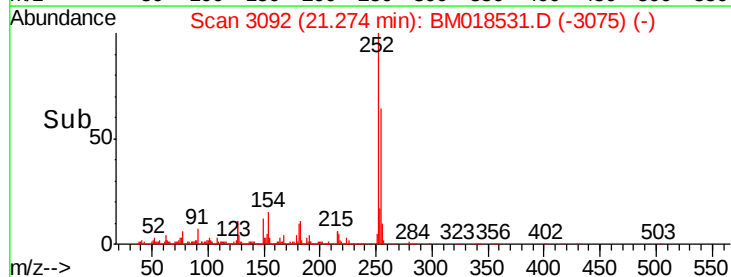
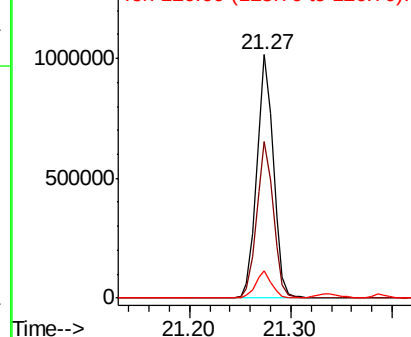
252 100

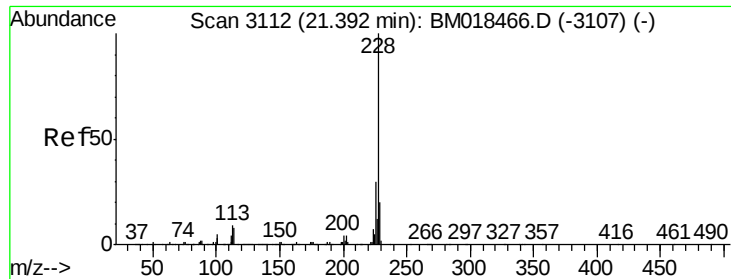
254 64.4 51.4 77.0

126 11.4 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

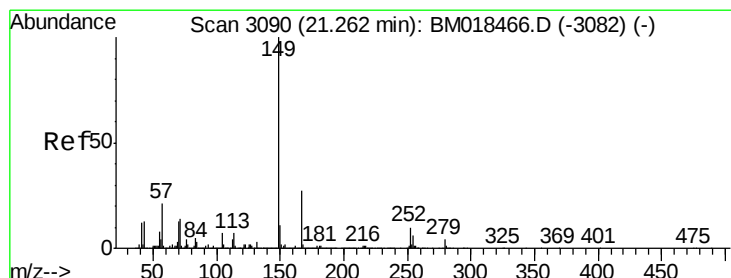
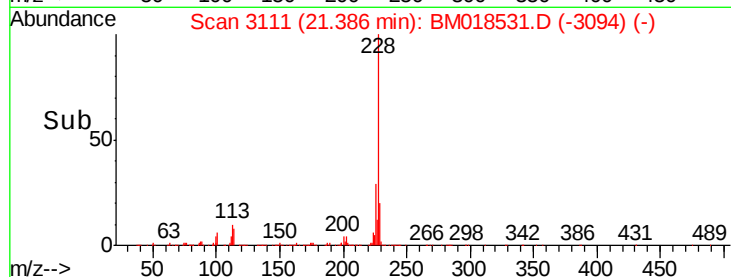
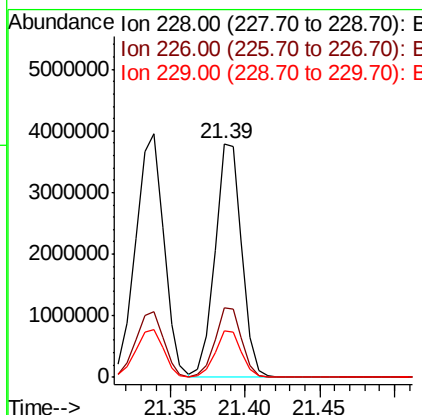
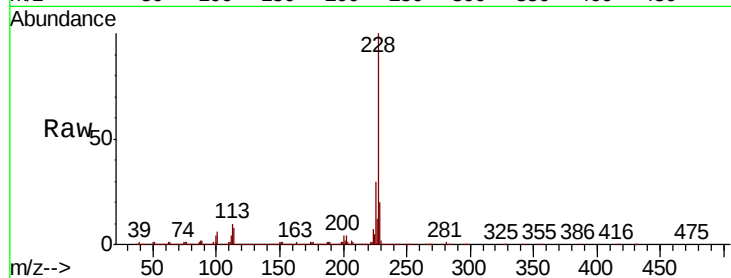




#83
 Chrvsene
 Concen: 32.838 ng
 RT: 21.39 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

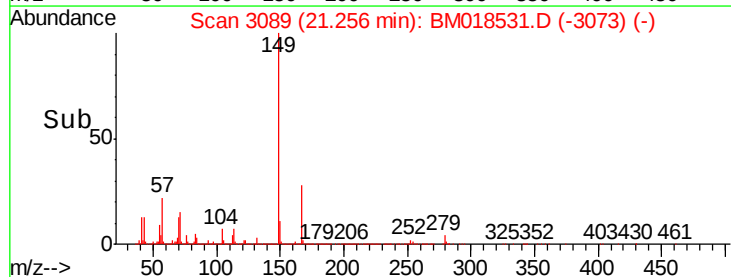
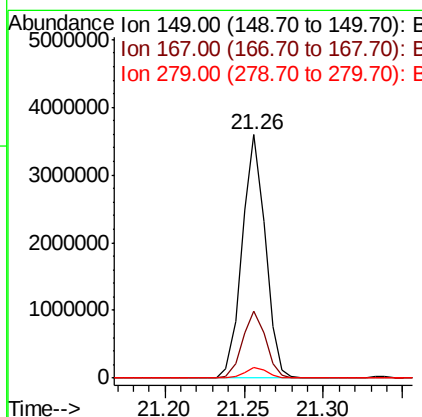
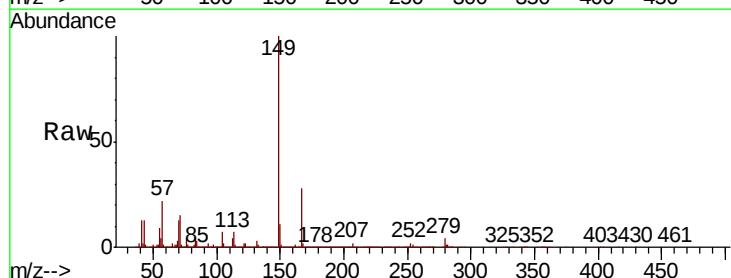
Instrument :
 BNA_M
 ClientSampleId :

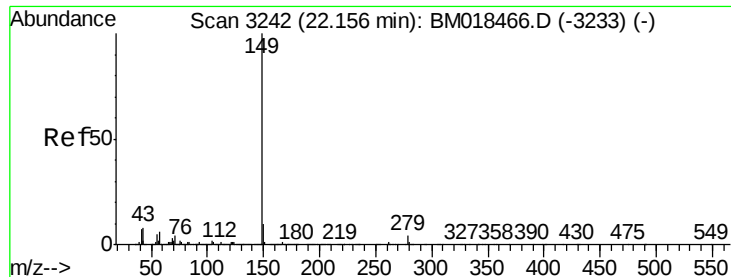
Tot Ion:228 Resp: 4727879
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.2 36.2
 229 19.8 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.256 ng
 RT: 21.26 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM018531.D
 Acq: 11 Jan 2019 07:34

Tgt Ion:149 Resp: 3628685
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.6 32.4
 279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 38.739 ng

RT: 22.15 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

Instrument :

BNA_M

ClientSampleId :

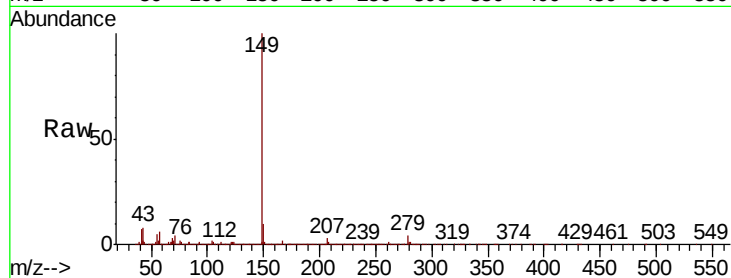
Tot Ion:149 Resp: 6022761

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

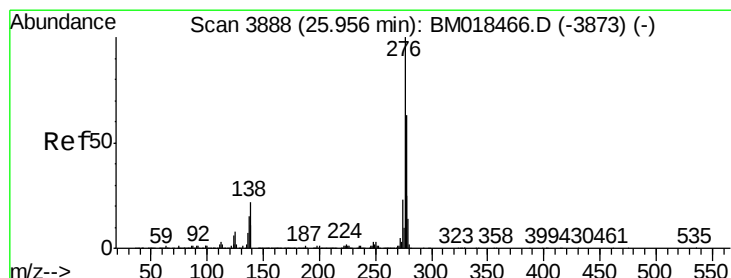
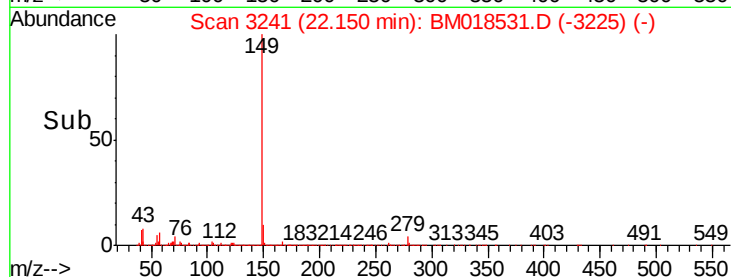
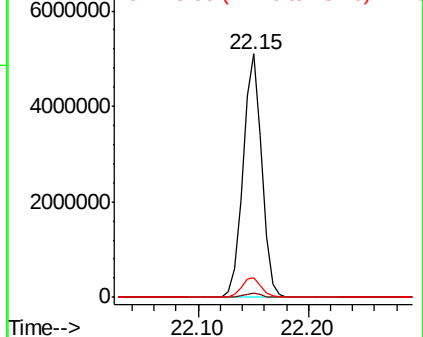
43 8.3 8.6 12.8#



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: 28.578 ng

RT: 25.96 min Scan# 3888

Delta R.T. 0.01 min

Lab File: BM018531.D

Acq: 11 Jan 2019 07:34

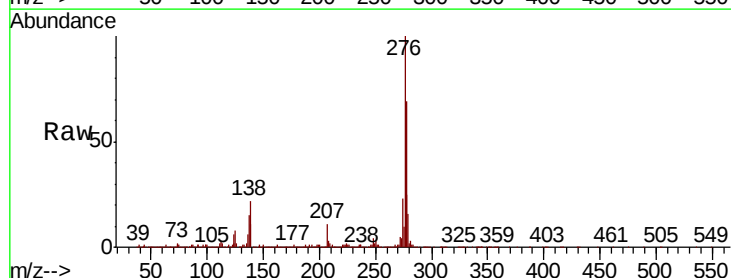
Tgt Ion:276 Resp: 4744569

Ion Ratio Lower Upper

276 100

138 23.5 21.5 32.3

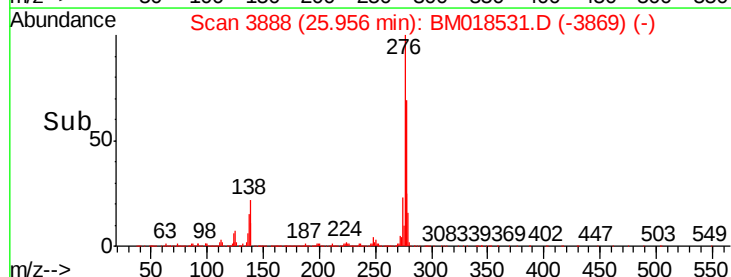
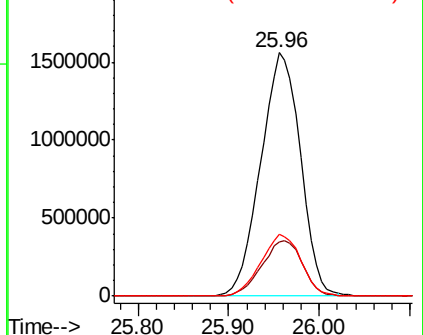
277 25.3 20.2 30.2

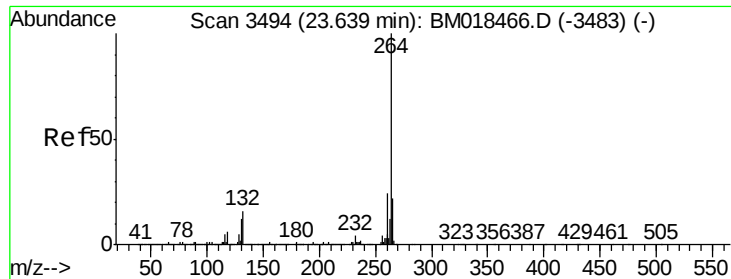


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



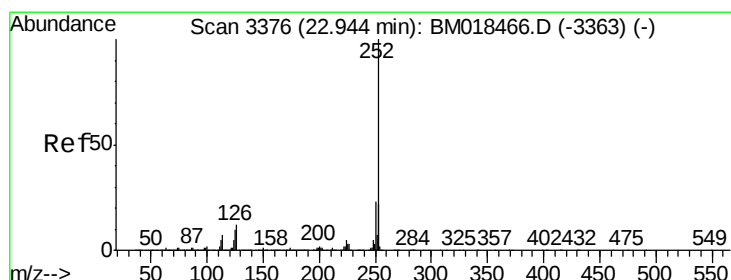
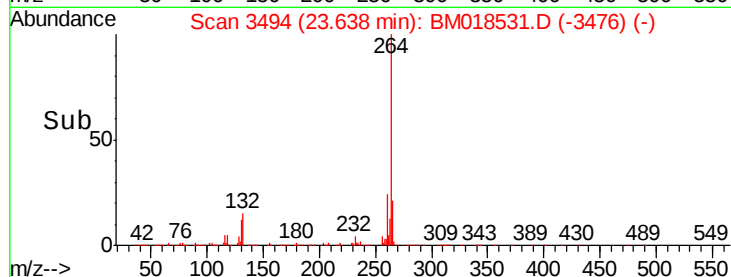
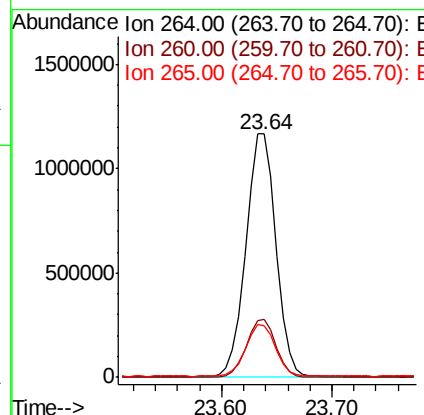
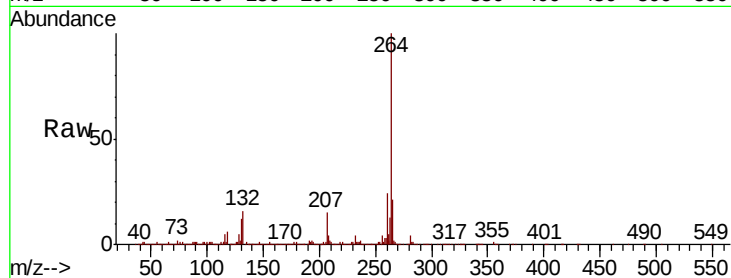


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 2238508

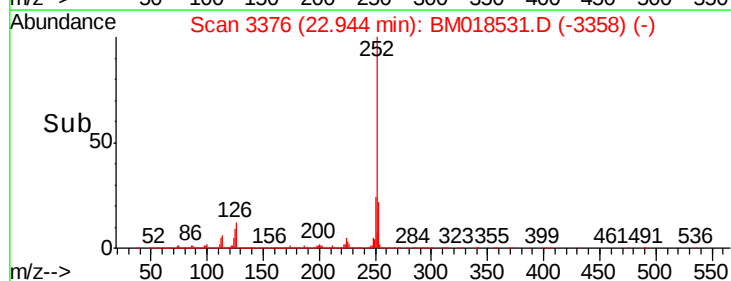
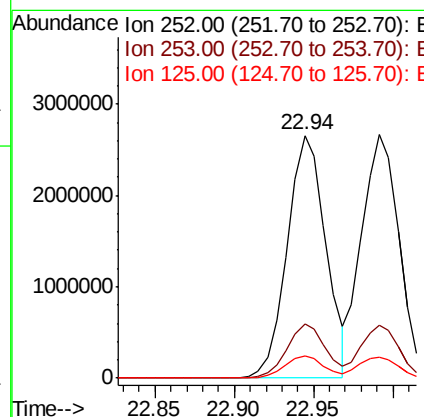
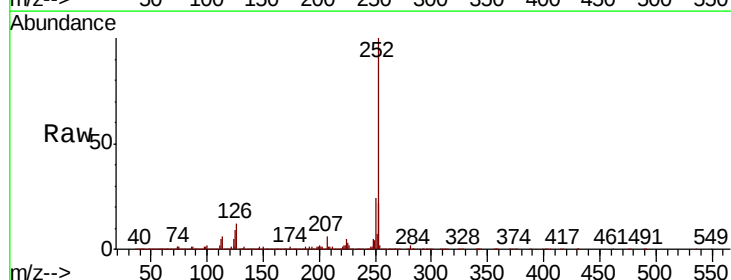
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.2	16.8	25.2

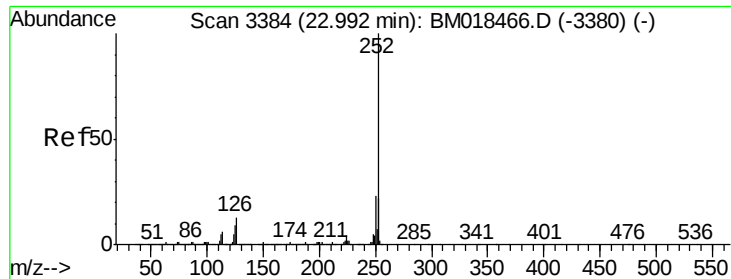


#88
Benzo(b)fluoranthene
Concen: 35.319 ng
RT: 22.94 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:252 Resp: 4488502

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.3	8.5	12.7

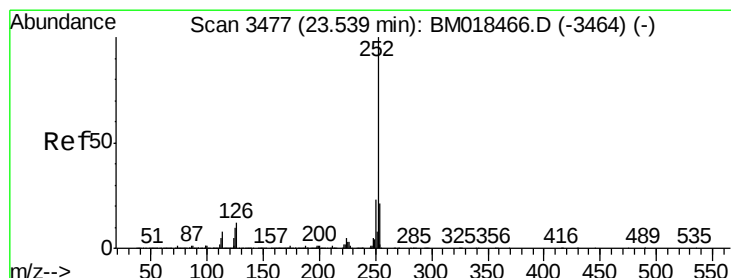
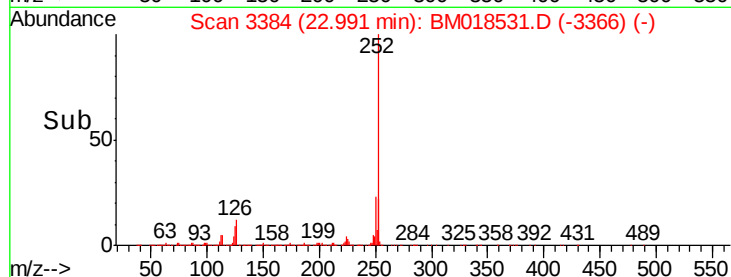
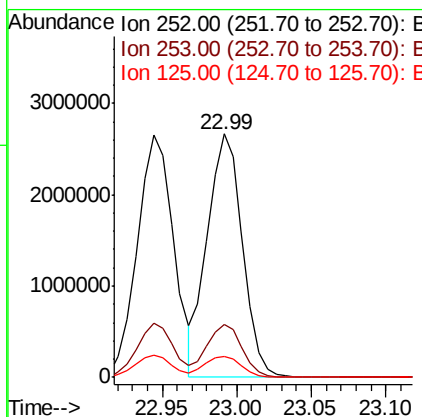
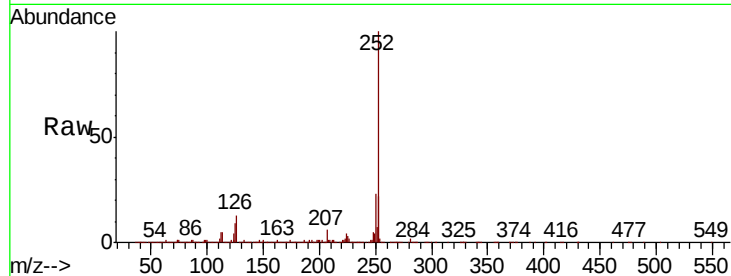




#89
Benzo(k)fluoranthene
Concen: 34.034 ng
RT: 22.99 min Scan# 3384
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

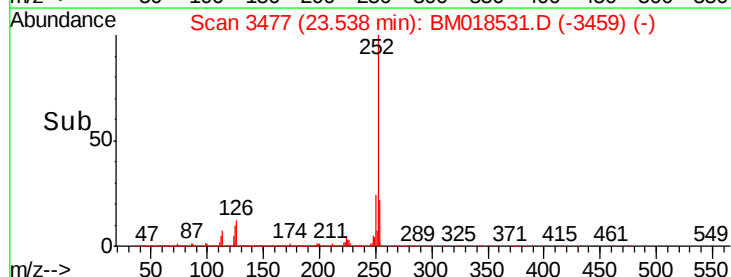
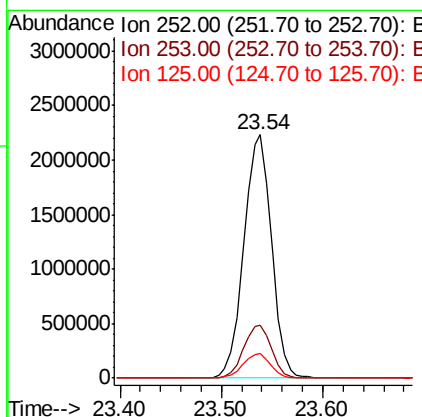
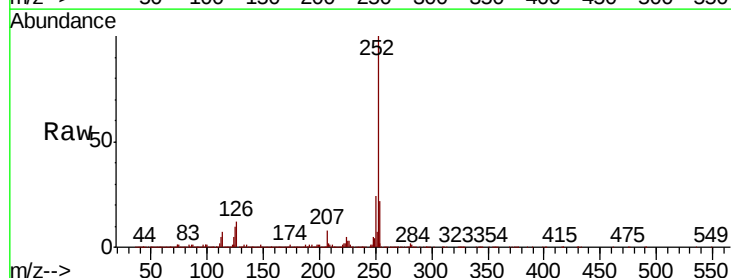
Instrument :
BNA_M
ClientSampleId :

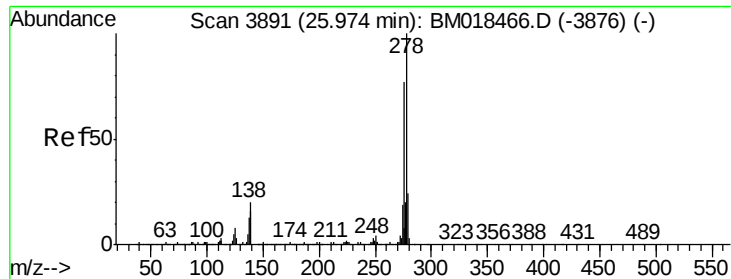
Tot Ion:252 Resp: 4358811
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.6 8.6 12.8



#90
Benzo(a)pyrene
Concen: 34.547 ng
RT: 23.54 min Scan# 3477
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:252 Resp: 4203200
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 9.9 9.7 14.5



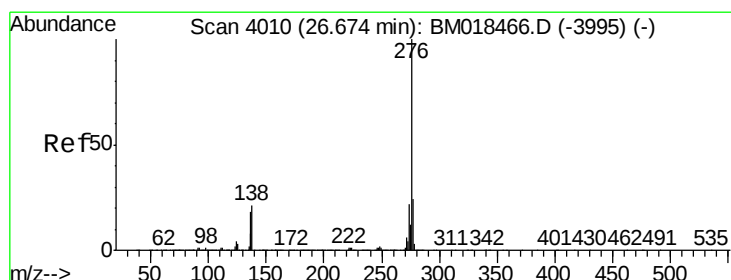
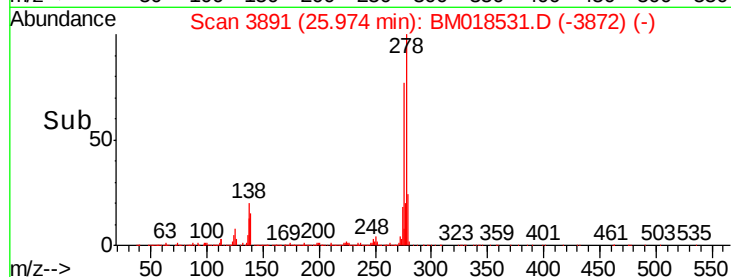
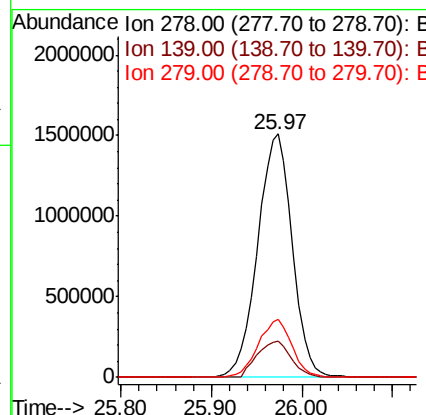
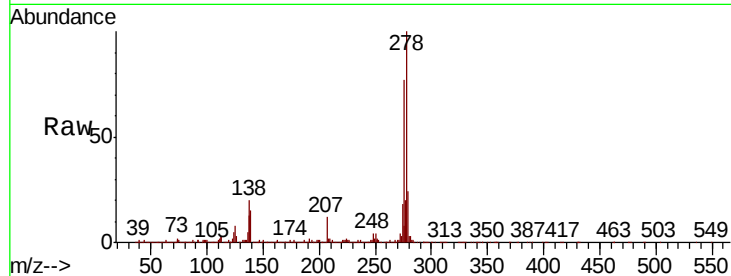


#91
Dibenzo(a,h)anthracene
Concen: 32.531 ng
RT: 25.97 min Scan# 3891
Delta R.T. 0.01 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 4010325

Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.2	19.8
279	23.7	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 32.626 ng
RT: 26.67 min Scan# 4010
Delta R.T. 0.02 min
Lab File: BM018531.D
Acq: 11 Jan 2019 07:34

Tgt Ion:276 Resp: 3913927

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.4
138	20.1	18.1	27.1

