

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
 Data File : BM018837.D
 Acq On : 18 Feb 2019 14:23
 Operator : JU/SJ
 Sample : K1501-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 18 15:27:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	298639	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1257025	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	732964	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1684475	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1801584	20.00	ng	0.00
87) Perylene-d12	23.56	264	1550844	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	2916911	160.04	ng	0.00
7) Phenol-d6	6.89	99	4186292	163.04	ng	0.00
23) Nitrobenzene-d5	8.87	82	2727621	100.33	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	1601496	151.58	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4625342	83.77	ng	0.00
79) Terphenyl-d14	19.74	244	7702845	88.20	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	329034	41.448	ng	98
3) Pyridine	3.65	79	925858	42.757	ng	100
4) n-Nitrosodimethylamine	3.57	42	337386	61.246	ng	93
6) Aniline	7.05	93	1705580	54.213	ng	100
8) 2-Chlorophenol	7.27	128	1088498	54.394	ng	98
9) Benzaldehyde	6.86	77	587233	42.562	ng	98
10) Phenol	6.92	94	1639122	60.670	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	1059121	51.391	ng	99
12) 1,3-Dichlorobenzene	7.59	146	1090963	48.484	ng	99
13) 1,4-Dichlorobenzene	7.74	146	1120117	48.897	ng	99
14) 1,2-Dichlorobenzene	8.05	146	1087789	49.436	ng	98
15) Benzyl Alcohol	7.96	79	1118917	54.842	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	1026799	51.477	ng	98
17) 2-Methylphenol	8.15	107	960695	55.869	ng	98
18) Hexachloroethane	8.77	117	424781	50.797	ng	96
19) n-Nitroso-di-n-propylamine	8.52	70	1037318	52.177	ng	99
20) 3+4-Methylphenols	8.48	107	1318343	55.522	ng	99
22) Acetophenone	8.54	105	1700906	49.273	ng	99
24) Nitrobenzene	8.92	77	1454940	51.559	ng	99
25) Isophorone	9.44	82	2597034	59.871	ng	100
26) 2-Nitrophenol	9.62	139	593267	52.792	ng	99
27) 2,4-Dimethylphenol	9.67	122	1009051	61.477	ng	99
28) bis(2-Chloroethoxy)methane	9.92	93	1505013	53.654	ng	100
29) 2,4-Dichlorophenol	10.15	162	1042653	55.324	ng	98
30) 1,2,4-Trichlorobenzene	10.36	180	1070637	49.191	ng	99
31) Naphthalene	10.55	128	3322004	54.187	ng	99
32) Benzoic acid	9.84	122	537708	37.556	ng	96
33) 4-Chloroaniline	10.67	127	1169662	42.681	ng	100
34) Hexachlorobutadiene	10.81	225	580765	45.971	ng	99
35) Caprolactam	11.50	113	177994	23.142	ng	93
36) 4-Chloro-3-methylphenol	11.79	107	1253409	55.161	ng	100
37) 2-Methylnaphthalene	12.16	142	2477985	57.410	ng	99
38) 1-Methylnaphthalene	12.39	142	2360611	55.928	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1161365	49.532	ng	98

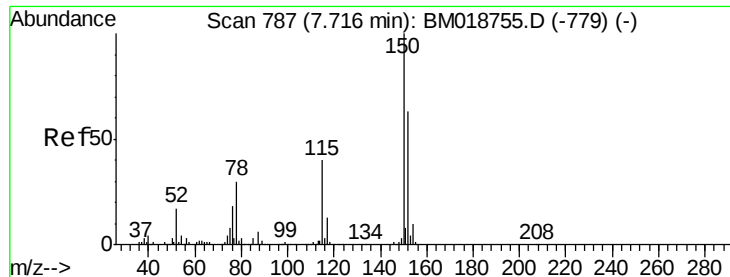
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
 Data File : BM018837.D
 Acq On : 18 Feb 2019 14:23
 Operator : JU/SJ
 Sample : K1501-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 18 15:27:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1366943	114.029	ng	98
43) 2,4,6-Trichlorophenol	12.78	196	841098	54.188	ng	98
44) 2,4,5-Trichlorophenol	12.85	196	912084	56.063	ng	98
46) 1,1'-Biphenyl	13.19	154	3166951	50.196	ng	100
47) 2-Chloronaphthalene	13.23	162	2446984	50.214	ng	98
48) 2-Nitroaniline	13.45	65	916156	56.606	ng	99
49) Acenaphthylene	14.08	152	4054930	55.883	ng	99
50) Dimethylphthalate	13.83	163	3467756	56.769	ng	99
51) 2,6-Dinitrotoluene	13.95	165	713904	53.951	ng	97
52) Acenaphthene	14.42	154	2339248	52.575	ng	99
53) 3-Nitroaniline	14.29	138	649211	43.422	ng	98
54) 2,4-Dinitrophenol	14.50	184	832962	97.822	ng	96
55) Dibenzofuran	14.76	168	3808067	52.072	ng	100
56) 4-Nitrophenol	14.60	139	1278882	107.152	ng	99
57) 2,4-Dinitrotoluene	14.74	165	1024206	56.177	ng	98
58) Fluorene	15.41	166	3152057	56.339	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	837043	58.208	ng	99
60) Diethylphthalate	15.19	149	3349356	53.154	ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	1565249	49.898	ng	98
62) 4-Nitroaniline	15.46	138	758878	51.774	ng	100
63) Azobenzene	15.70	77	3629010	53.714	ng	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	576074	48.709	ng	98
66) n-Nitrosodiphenylamine	15.63	169	2747497	51.626	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	926369	49.132	ng	99
68) Hexachlorobenzene	16.40	284	1084888	49.502	ng	99
69) Atrazine	16.59	200	904494	52.718	ng	100
70) Pentachlorophenol	16.76	266	1464379	103.775	ng	99
71) Phenanthrene	17.15	178	4993338	55.159	ng	100
72) Anthracene	17.24	178	5137221	58.303	ng	99
73) Carbazole	17.52	167	4744325	51.537	ng	99
74) Di-n-butylphthalate	18.07	149	5992343	56.601	ng	100
75) Fluoranthene	19.17	202	5949664	56.897	ng	98
77) Benzidine	19.37	184	3978434	98.053	ng	100
78) Pyrene	19.54	202	6089583	58.199	ng	99
80) Butylbenzylphthalate	20.44	149	2978306	62.457	ng	98
81) Benzo(a)anthracene	21.29	228	5932136	56.487	ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	1902885	45.848	ng	99
83) Chrysene	21.34	228	5503980	54.680	ng	99
84) Bis(2-ethylhexyl)phthalate	21.21	149	4283356	61.372	ng	100
85) Di-n-octyl phthalate	22.09	149	7156148	61.006	ng	99
86) Indeno(1,2,3-cd)pyrene	25.86	276	5102064	43.902	ng	99
88) Benzo(b)fluoranthene	22.88	252	5404179	60.906	ng	99
89) Benzo(k)fluoranthene	22.93	252	5253380	59.470	ng	99
90) Benzo(a)pyrene	23.46	252	4938797	58.756	ng	98
91) Dibenzo(a,h)anthracene	25.86	278	4364463	52.409	ng	98
92) Benzo(g,h,i)perylene	26.56	276	4015984	51.800	ng	99

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

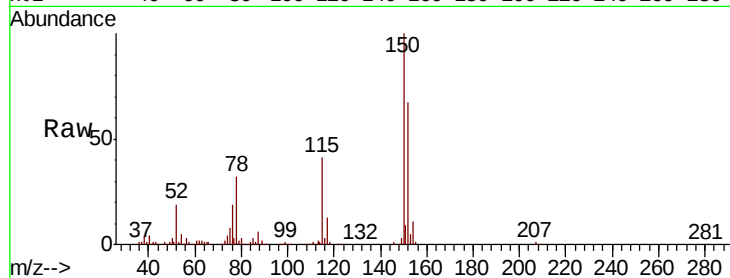


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	127.3	190.9
115	61.8	50.8	76.2

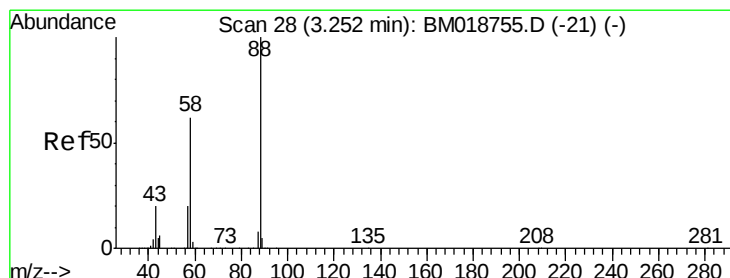
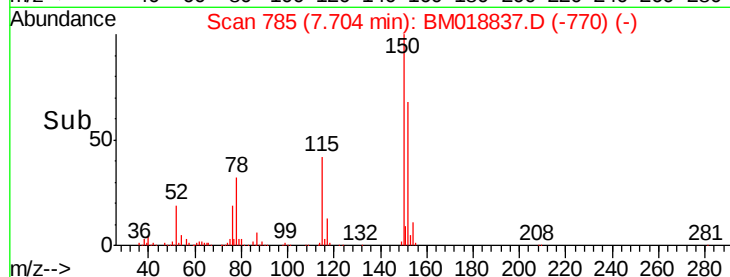
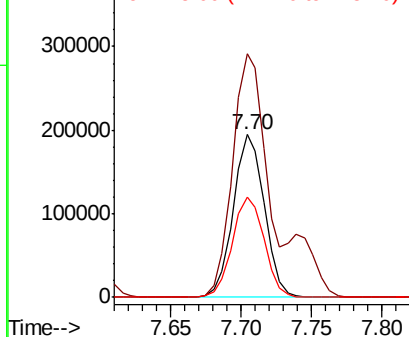


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

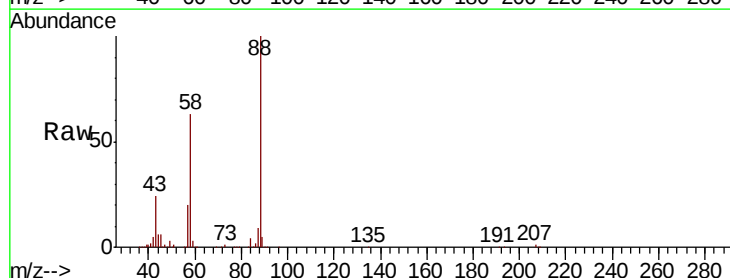
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.448 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.0	49.8	74.6
43	21.9	16.7	25.1

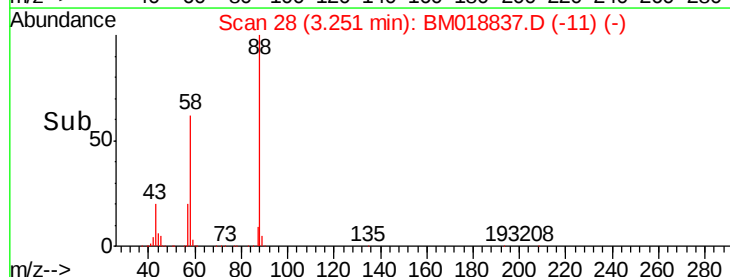
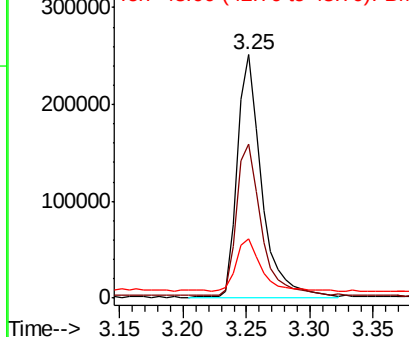


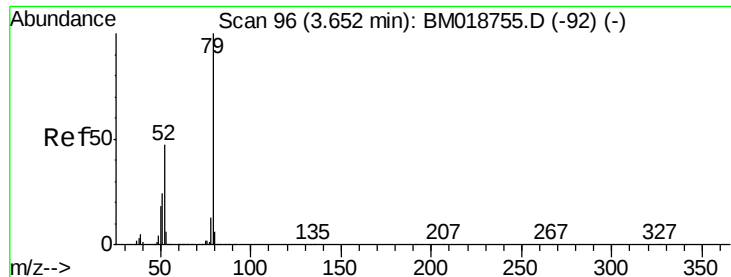
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 42.757 ng

RT: 3.65 min Scan# 95

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

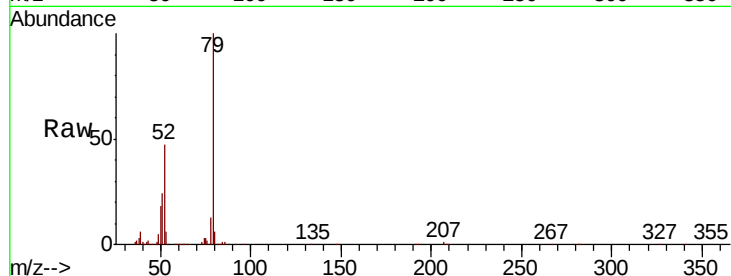
Tot Ion: 79 Resp: 925858

Ion Ratio Lower Upper

79 100

52 46.8 37.6 56.4

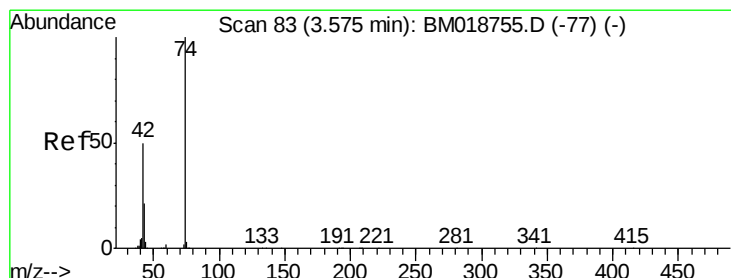
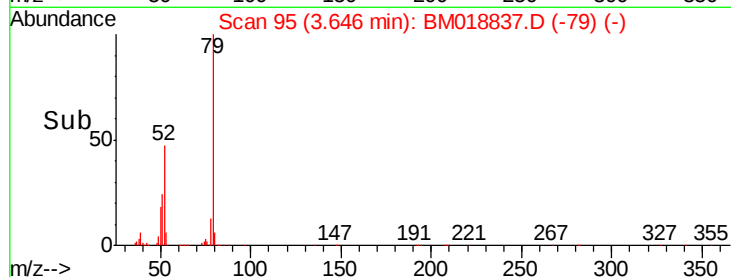
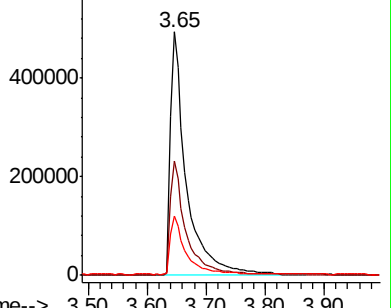
51 24.4 19.7 29.5



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

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

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



#4

n-Nitrosodimethylamine

Concen: 61.246 ng

RT: 3.57 min Scan# 82

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

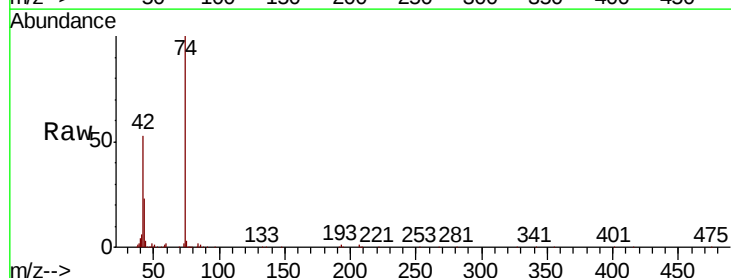
Tgt Ion: 42 Resp: 337386

Ion Ratio Lower Upper

42 100

74 187.4 158.1 237.1

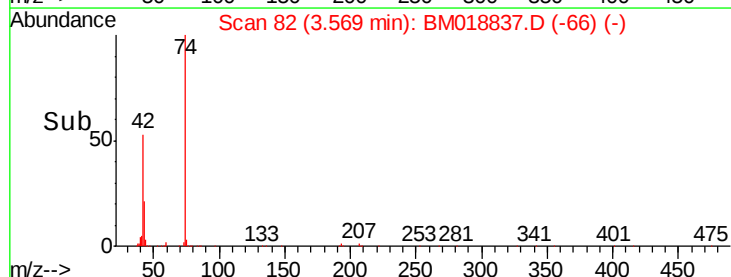
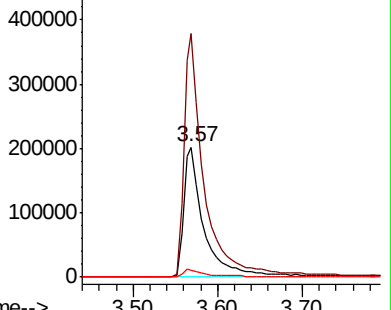
44 5.7 4.9 7.3

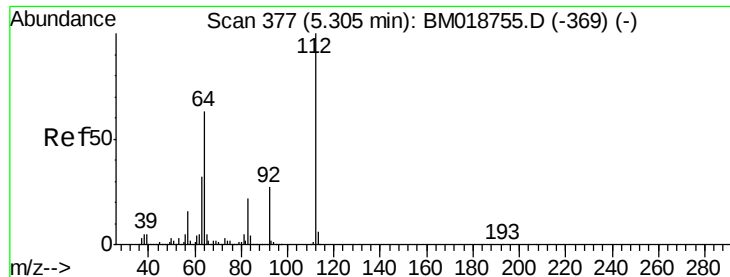


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

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

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





#5

2-Fluorophenol

Concen: 160.035 ng

RT: 5.30 min Scan# 376

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampled :

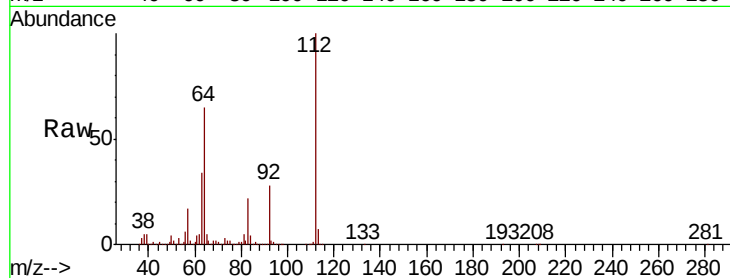
Tot Ion:112 Resp: 2916911

Ion Ratio Lower Upper

112 100

64 65.4 50.6 75.8

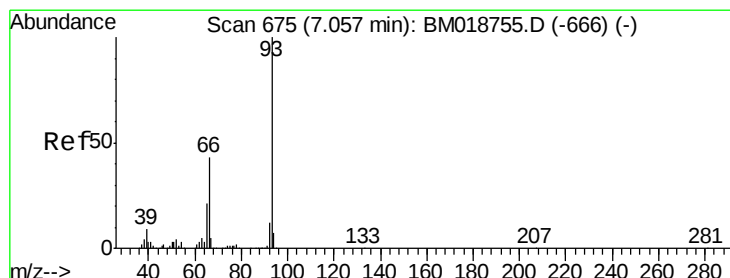
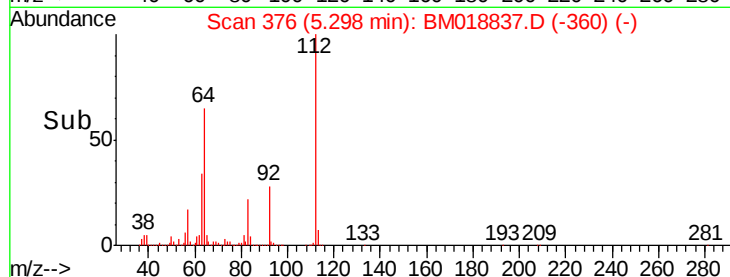
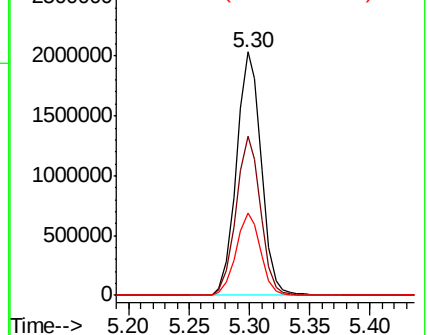
63 33.8 25.7 38.5



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: 54.213 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

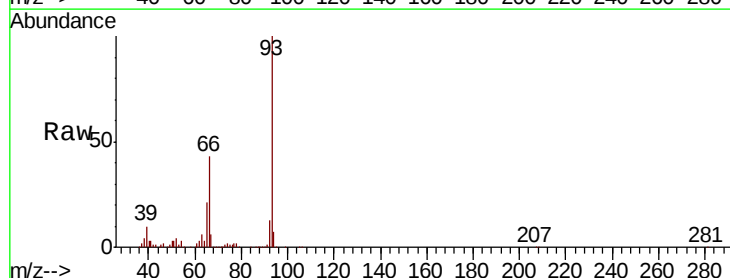
Tgt Ion: 93 Resp: 1705580

Ion Ratio Lower Upper

93 100

66 42.8 34.1 51.1

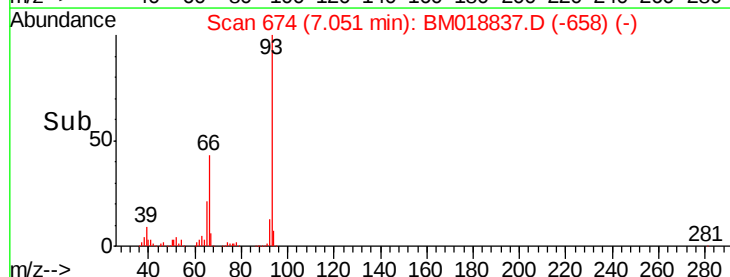
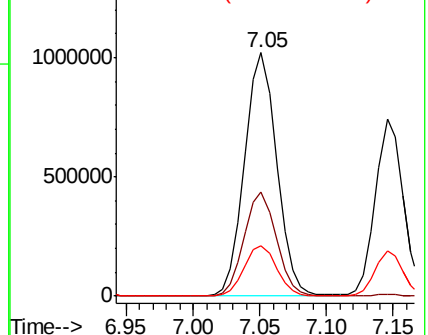
65 20.7 16.6 24.8

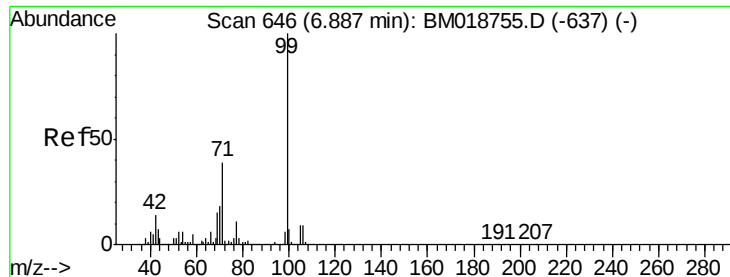


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 163.037 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

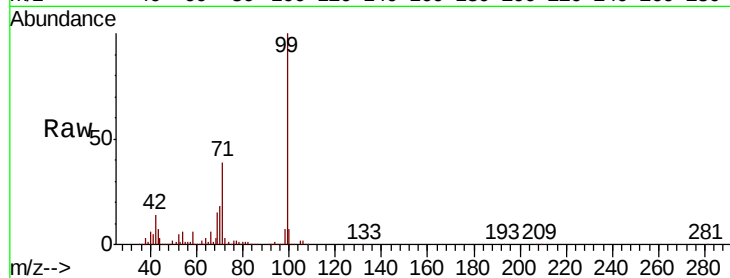
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 4186292

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.0	16.6
71	39.3	31.3	46.9

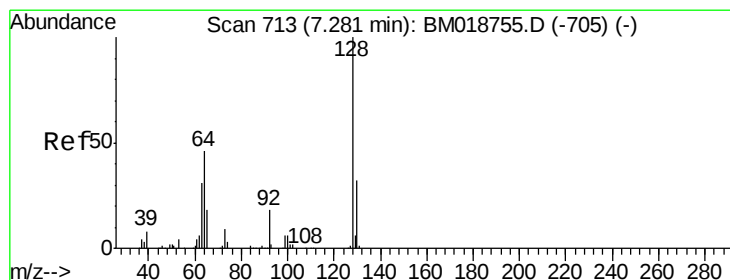
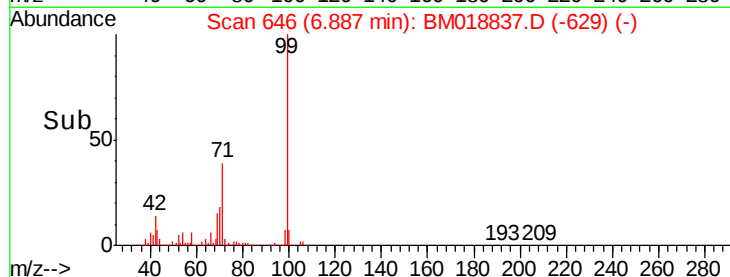
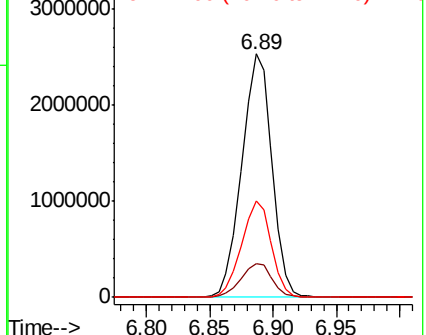


Abundance

Ion 99.00 (98.70 to 99.70): BM018837.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018837.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018837.D (-629) (-)



#8

2-Chlorophenol

Concen: 54.394 ng

RT: 7.27 min Scan# 712

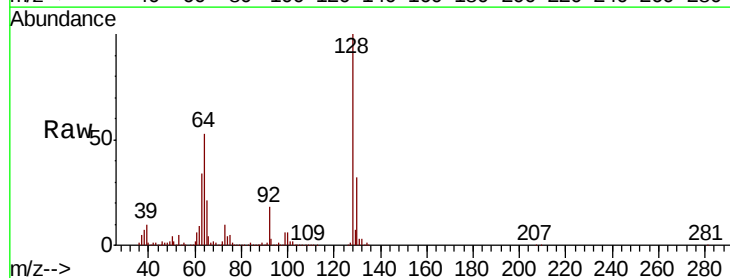
Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tgt Ion: 128 Resp: 1088498

Ion	Ratio	Lower	Upper
128	100		
130	32.0	11.7	51.7
64	53.3	31.0	71.0

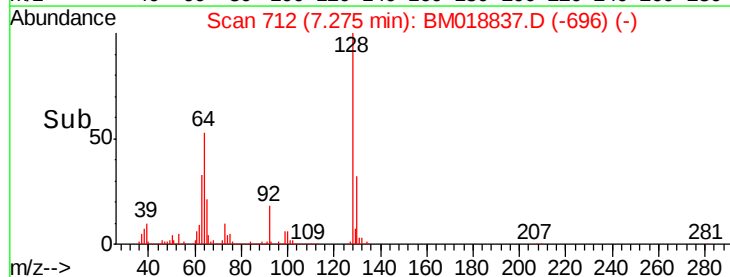
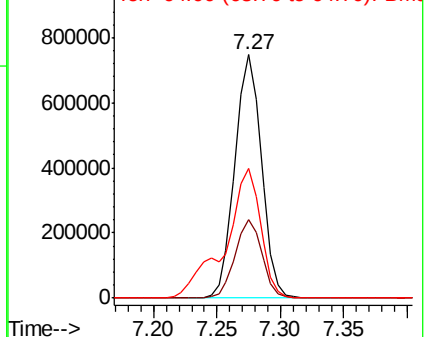


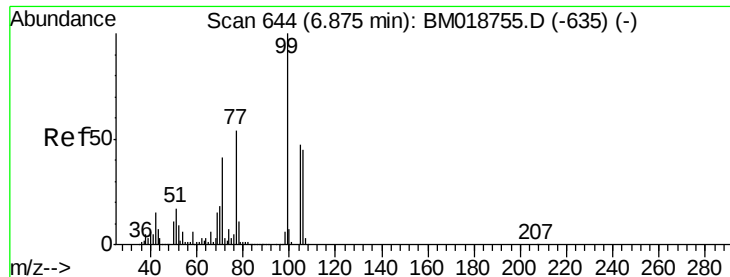
Abundance

Ion 128.00 (127.70 to 128.70): BM018837.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018837.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018837.D (-696) (-)





#9

Benzaldehyde

Concen: 42.562 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

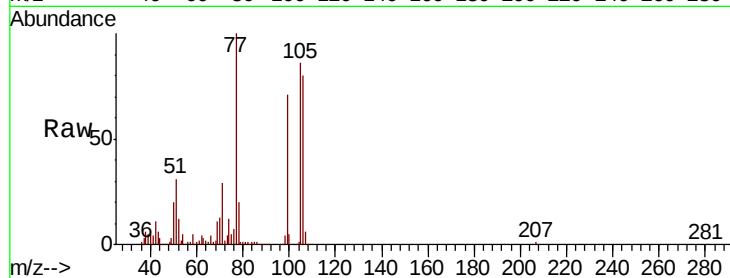
Tot Ion: 77 Resp: 587233

Ion Ratio Lower Upper

77 100

105 86.5 67.3 107.3

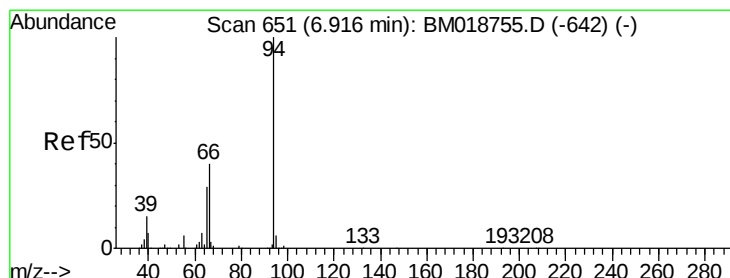
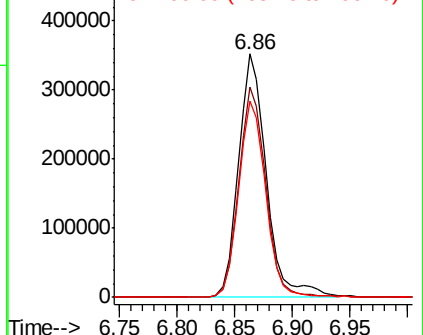
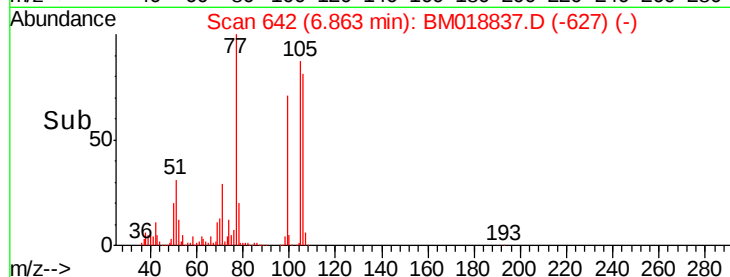
106 80.4 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018837.D (-627) (-)

Ion 105.00 (104.70 to 105.70): BM018837.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM018837.D (-627) (-)



#10

Phenol

Concen: 60.670 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

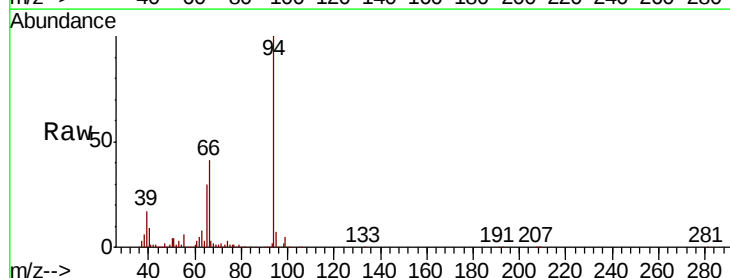
Tgt Ion: 94 Resp: 1639122

Ion Ratio Lower Upper

94 100

65 30.1 9.6 49.6

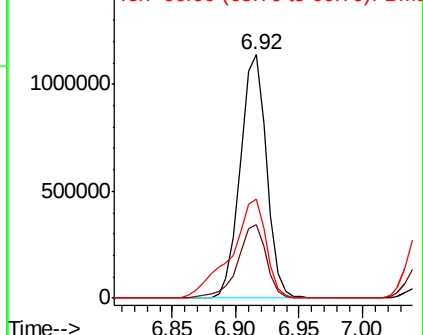
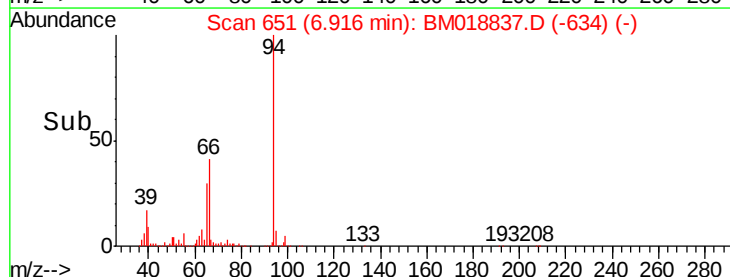
66 40.5 20.4 60.4

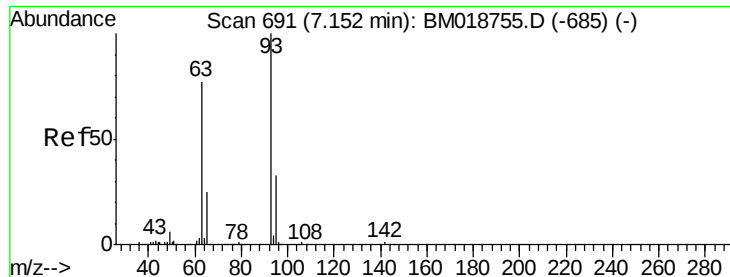


Abundance Ion 94.00 (93.70 to 94.70): BM018837.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018837.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018837.D (-634) (-)

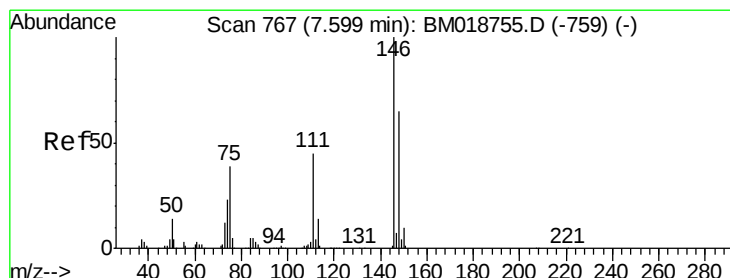
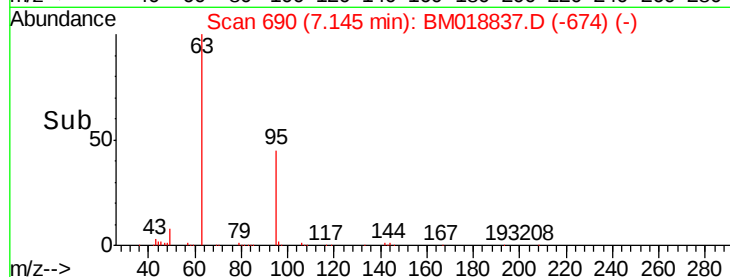
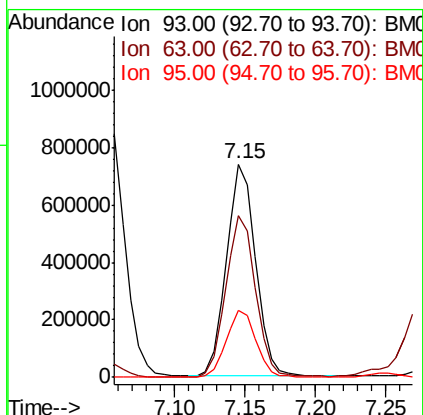
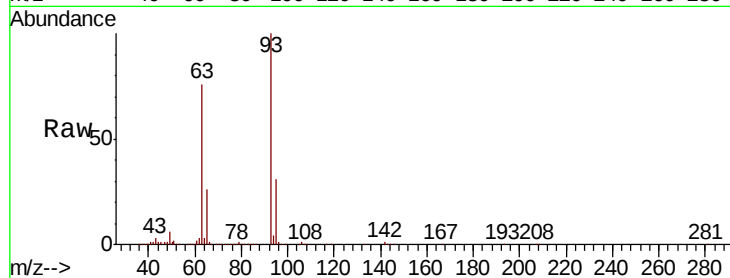




#11
bis(2-Chloroethyl)ether
Concen: 51.391 ng
RT: 7.15 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

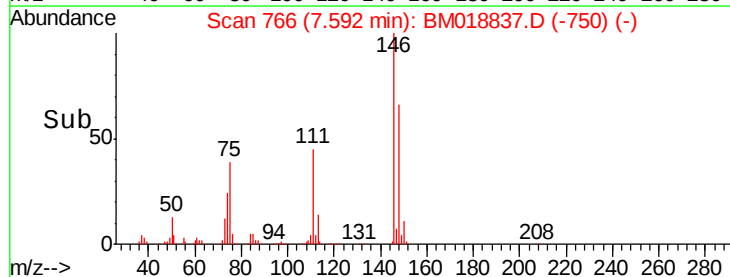
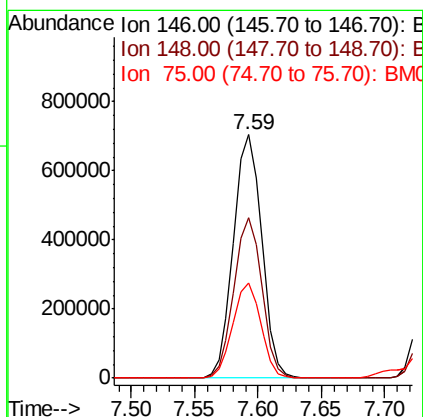
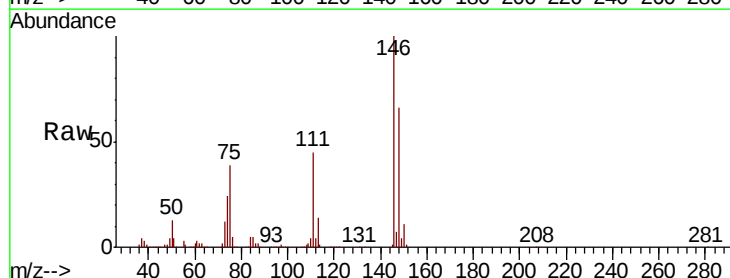
Instrument :
BNA_M
ClientSampled :

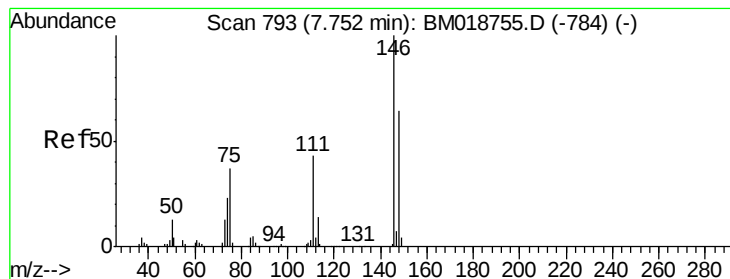
Tot Ion: 93 Resp: 1059121
Ion Ratio Lower Upper
93 100
63 76.1 57.0 97.0
95 31.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 48.484 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion: 146 Resp: 1090963
Ion Ratio Lower Upper
146 100
148 66.0 51.7 77.5
75 38.9 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 48.897 ng

RT: 7.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

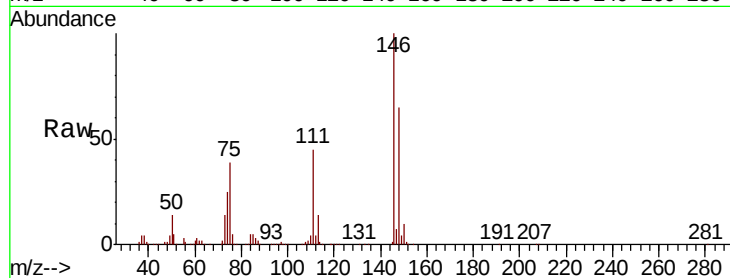
Tot Ion:146 Resp: 1120117

Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.2

111 44.6 34.6 52.0

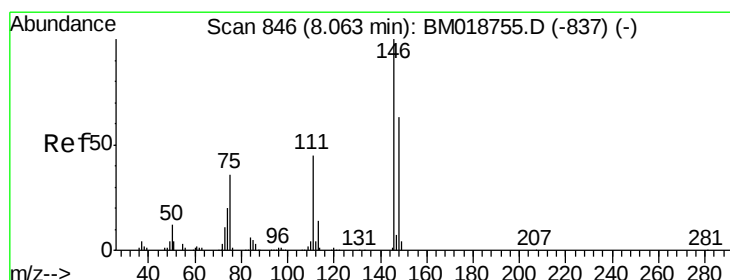
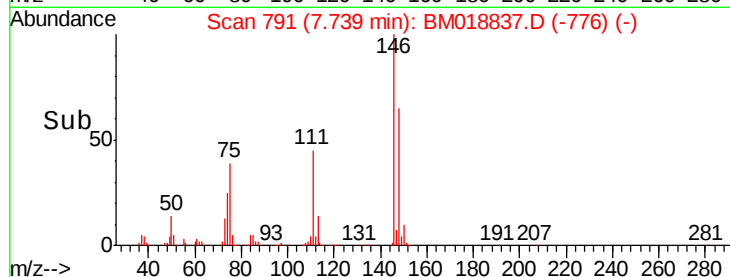
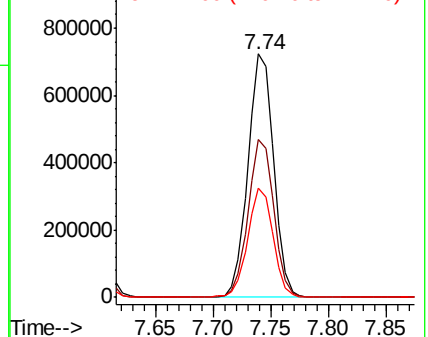


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 49.436 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

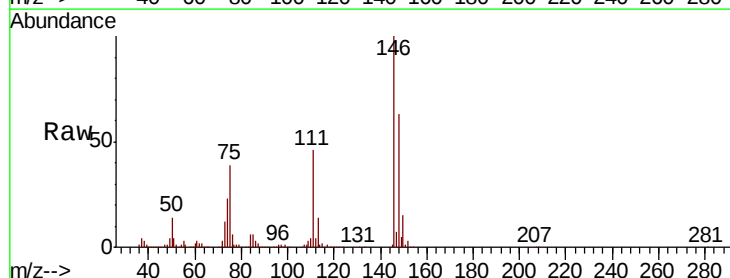
Tgt Ion:146 Resp: 1087789

Ion Ratio Lower Upper

146 100

148 62.7 50.7 76.1

111 46.5 35.9 53.9

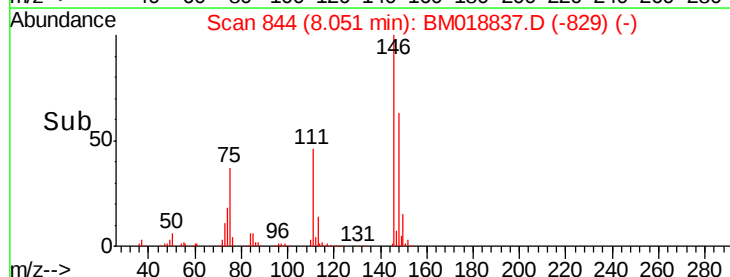
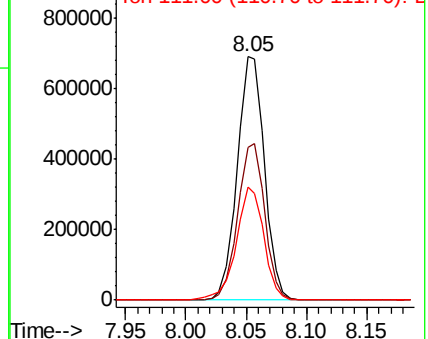


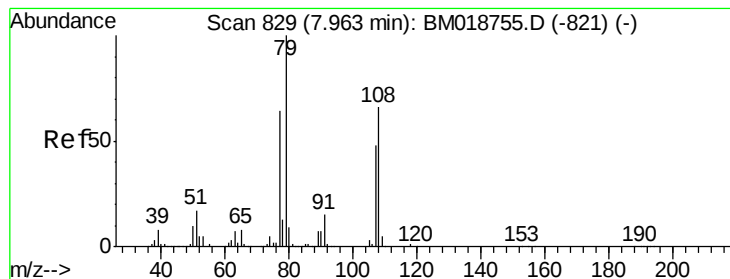
Abundance

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: 54.842 ng

RT: 7.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

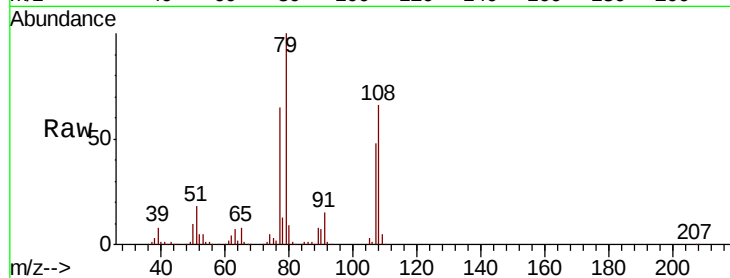
Tot Ion: 79 Resp: 1118917

Ion	Ratio	Lower	Upper
79	100		
108	66.3	52.7	79.1
77	64.5	51.0	76.4

79 100

108 66.3 52.7 79.1

77 64.5 51.0 76.4

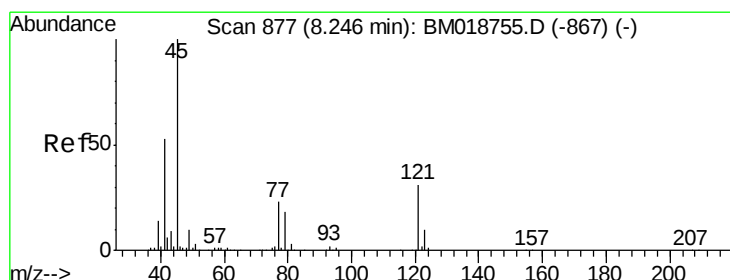
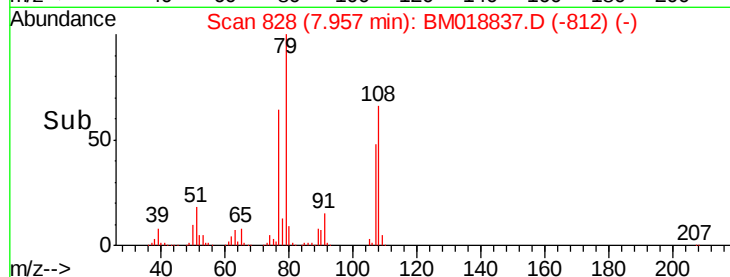
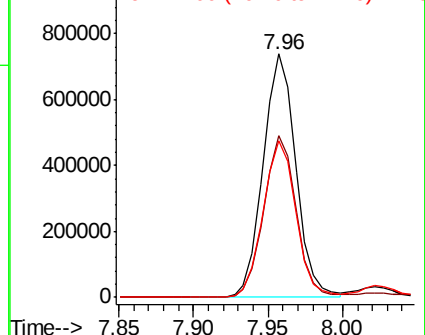


Abundance

Ion 79.00 (78.70 to 79.70): BM018837.D (-812) (-)

Ion 108.00 (107.70 to 108.70): BM018837.D (-812) (-)

Ion 77.00 (76.70 to 77.70): BM018837.D (-812) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.477 ng

RT: 8.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

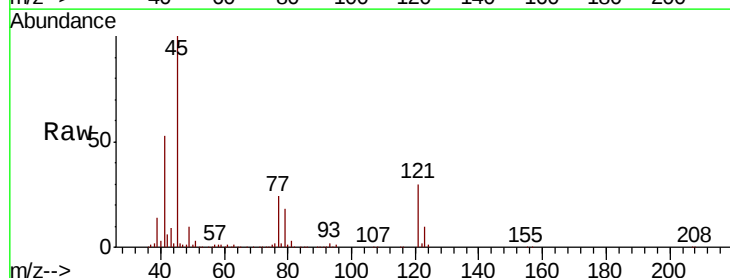
Tgt Ion: 45 Resp: 1026799

Ion	Ratio	Lower	Upper
45	100		
77	24.0	5.0	45.0
79	18.3	0.0	39.3

45 100

77 24.0 5.0 45.0

79 18.3 0.0 39.3

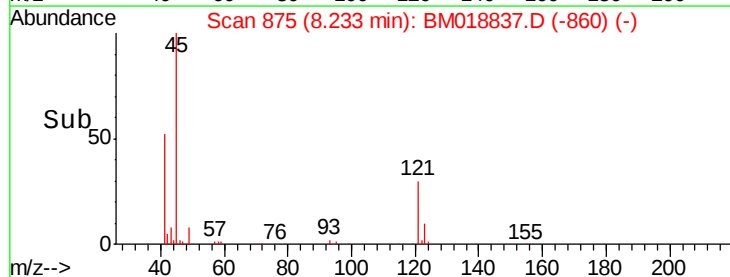
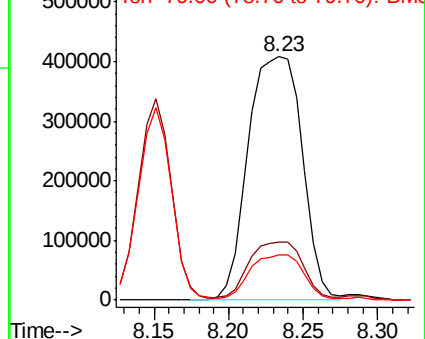


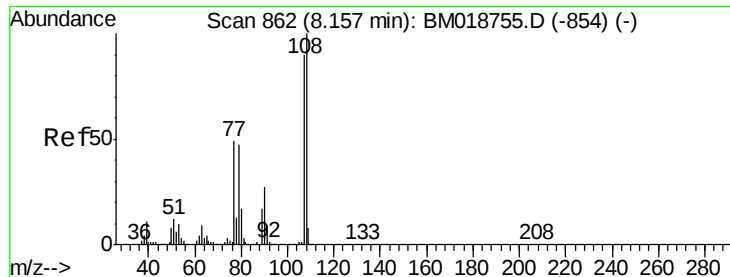
Abundance

Ion 45.00 (44.70 to 45.70): BM018837.D (-860) (-)

Ion 77.00 (76.70 to 77.70): BM018837.D (-860) (-)

Ion 79.00 (78.70 to 79.70): BM018837.D (-860) (-)

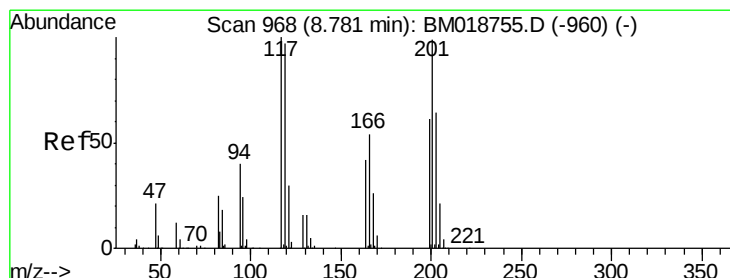
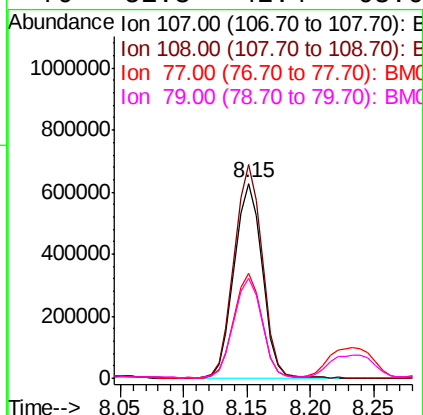
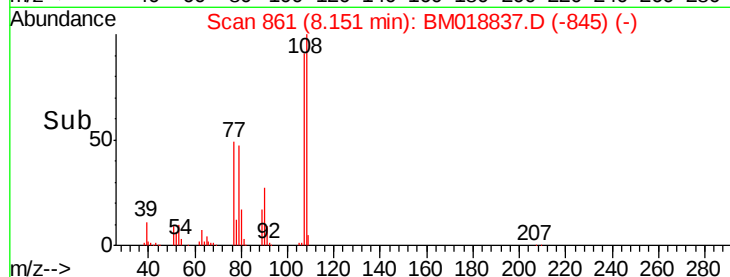
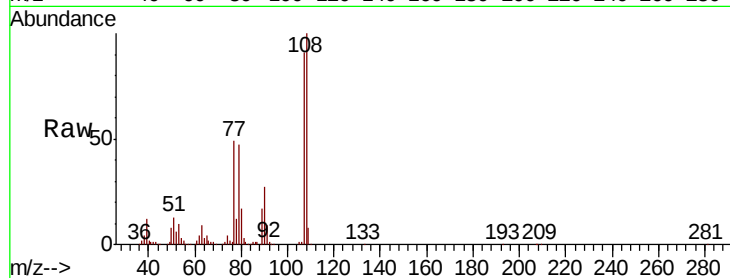




#17
2-Methylphenol
Concen: 55.869 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

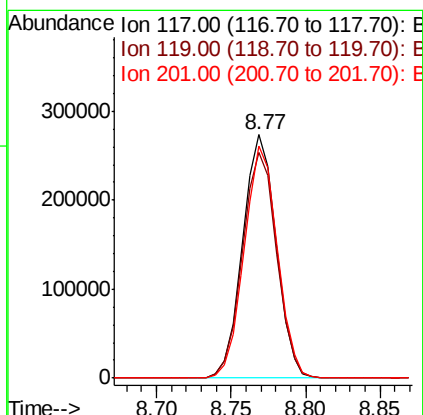
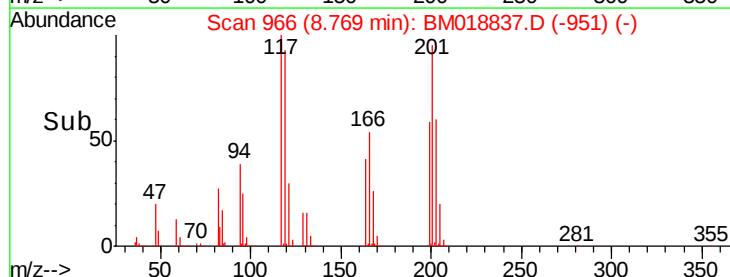
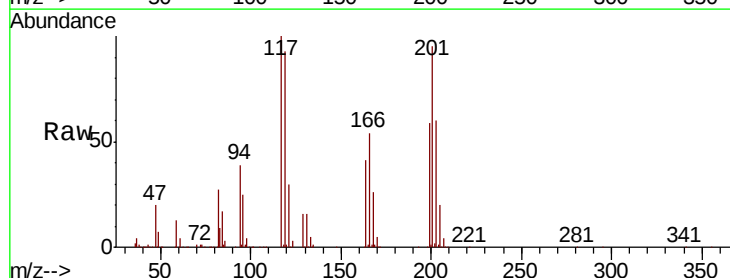
Instrument :
BNA_M
ClientSampleId :

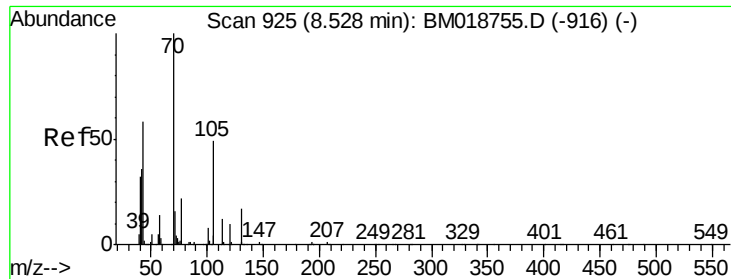
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.6	88.8	133.2
77	53.9	44.0	66.0
79	51.3	42.4	63.6



#18
Hexachloroethane
Concen: 50.797 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.9	116.9
201	95.1	79.2	118.8

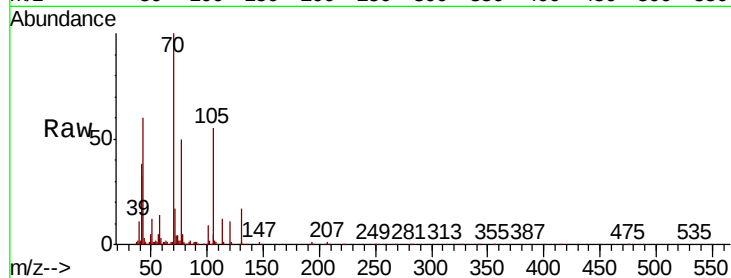




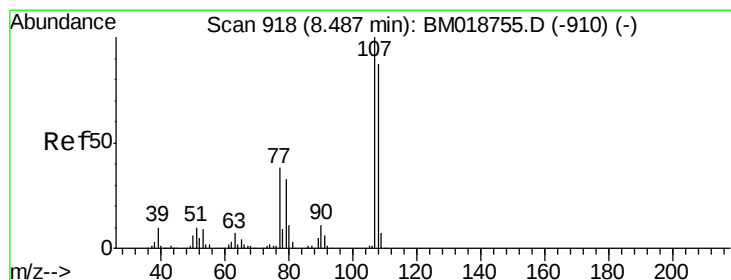
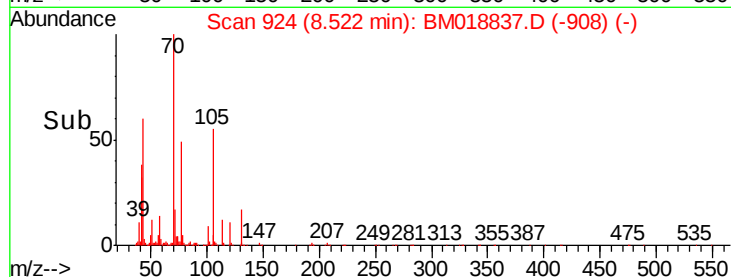
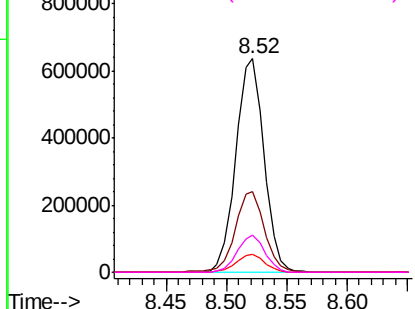
#19
n-Nitroso-di-n-propylamine
Concen: 52.177 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampled :

Tot Ion: 70 Resp: 1037318
Ion Ratio Lower Upper
70 100
42 37.7 29.4 44.0
101 8.6 6.7 10.1
130 17.3 14.0 21.0

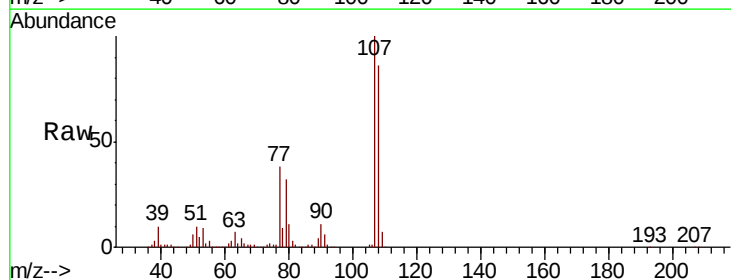


Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

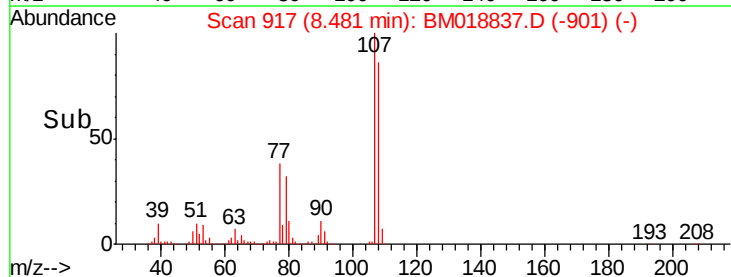
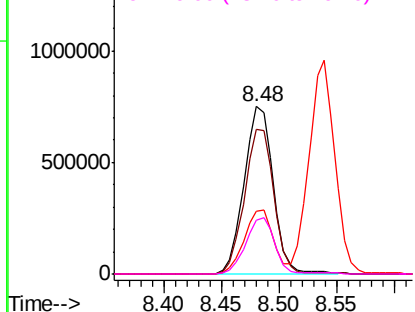


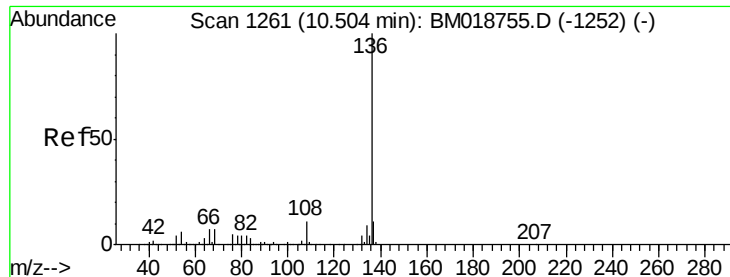
#20
3+4-Methylphenols
Concen: 55.522 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion: 107 Resp: 1318343
Ion Ratio Lower Upper
107 100
108 86.1 67.3 107.3
77 37.8 18.0 58.0
79 32.5 12.8 52.8



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1257025

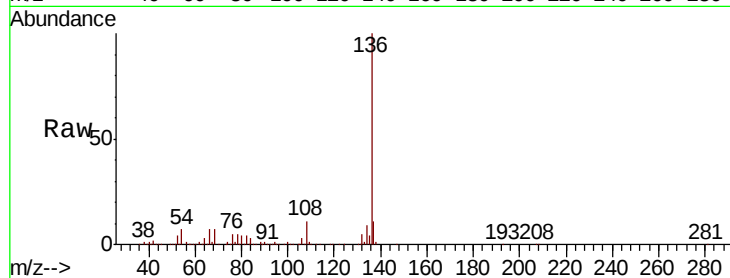
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.9	5.0	7.6
68	7.5	5.5	8.3

136 100

137 11.1 8.8 13.2

54 6.9 5.0 7.6

68 7.5 5.5 8.3



Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM

1200000

1000000

800000

600000

400000

200000

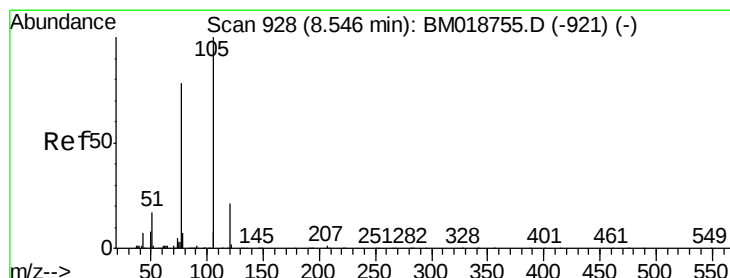
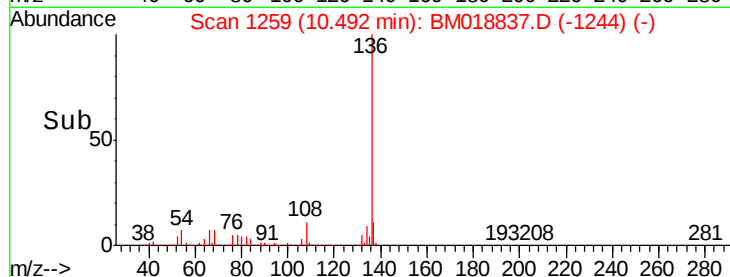
0

10.40

10.50

10.60

Time-->



#22

Acetophenone

Concen: 49.273 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tgt Ion:105 Resp: 1700906

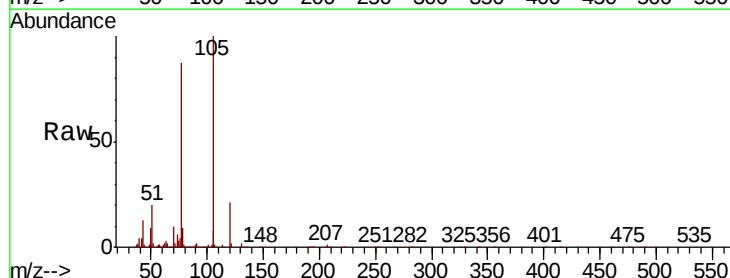
Ion	Ratio	Lower	Upper
105	100		
71	1.6	1.1	1.7
51	19.9	15.5	23.3
120	21.0	17.0	25.4

105 100

71 1.6 1.1 1.7

51 19.9 15.5 23.3

120 21.0 17.0 25.4



Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

1500000

1000000

500000

0

8.45

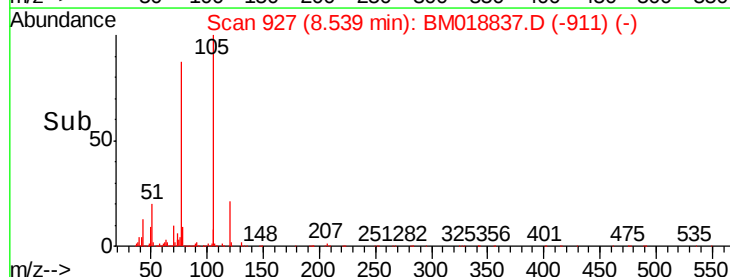
8.50

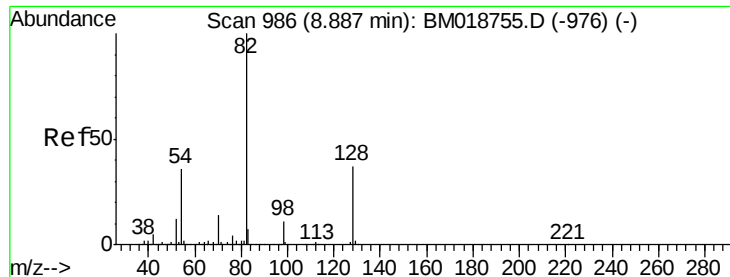
8.55

8.60

8.65

Time-->

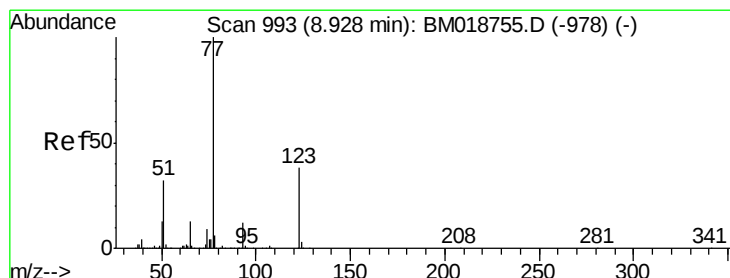
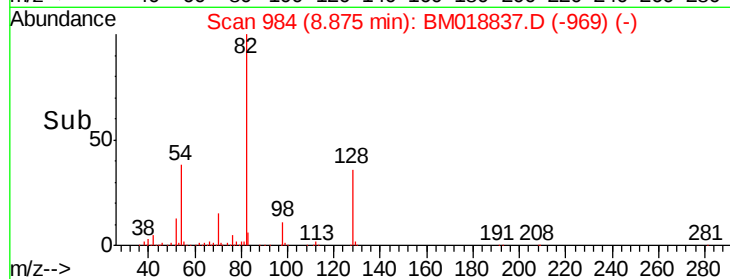
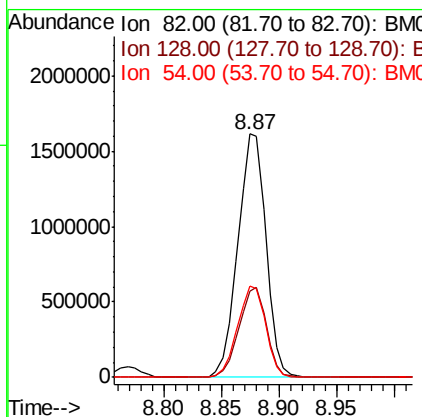
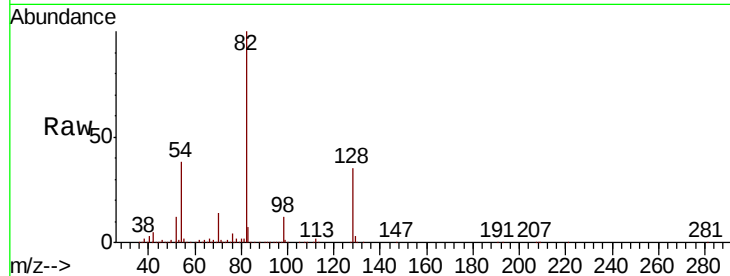




#23
 Nitrobenzene-d5
 Concen: 100.333 ng
 RT: 8.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

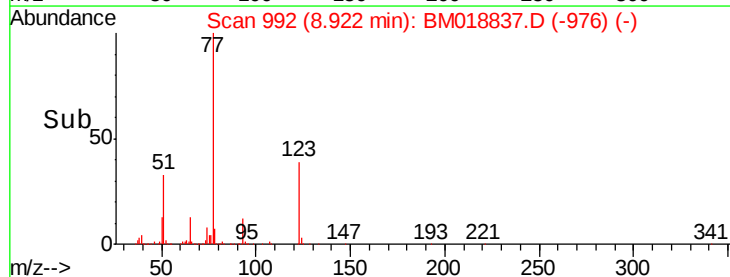
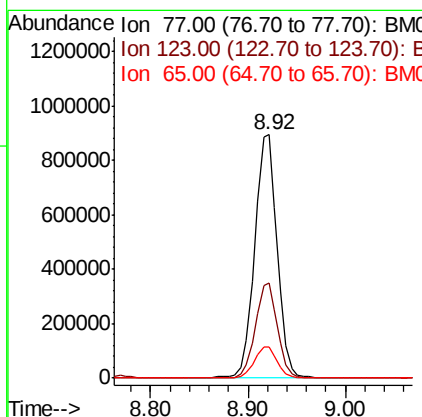
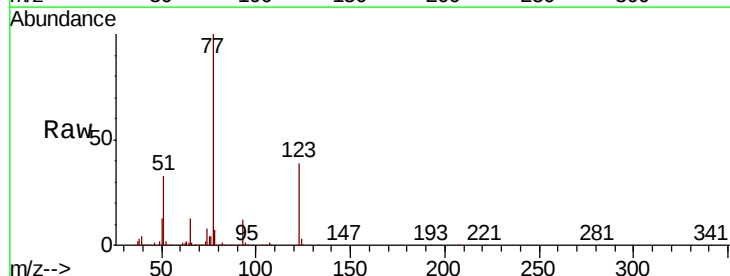
Instrument :
 BNA_M
 ClientSampleId :

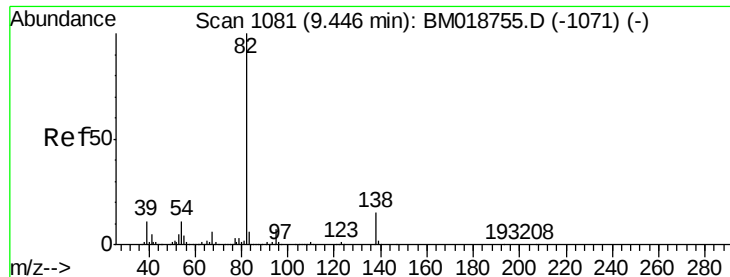
Tot Ion: 82 Resp: 2727621
 Ion Ratio Lower Upper
 82 100
 128 35.5 29.9 44.9
 54 37.6 29.1 43.7



#24
 Nitrobenzene
 Concen: 51.559 ng
 RT: 8.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

Tgt Ion: 77 Resp: 1454940
 Ion Ratio Lower Upper
 77 100
 123 39.0 30.7 46.1
 65 13.0 10.5 15.7





#25

Isophorone

Concen: 59.871 ng

RT: 9.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

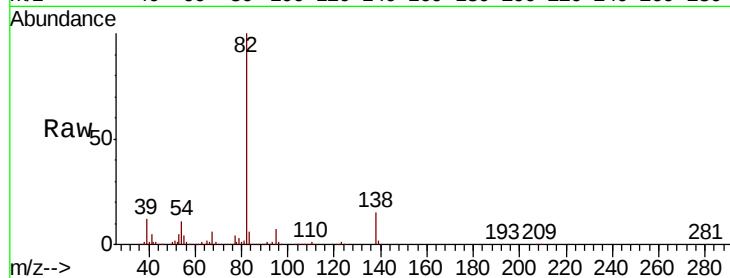
Tot Ion: 82 Resp: 2597034

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

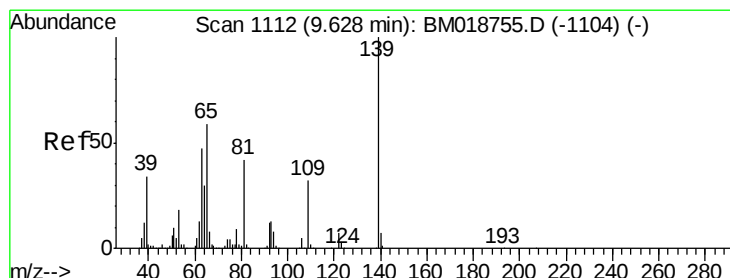
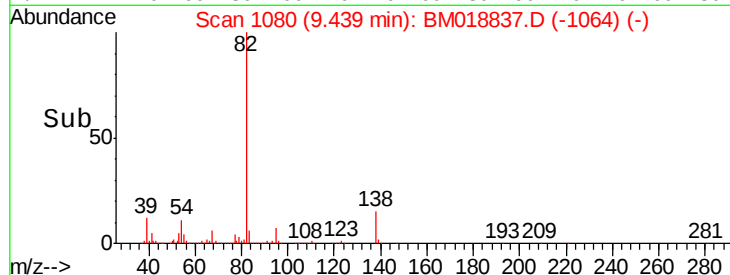
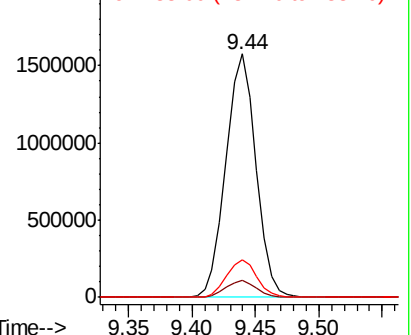
138 15.4 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018837.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018837.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018837.D (-1064) (-)



#26

2-Nitrophenol

Concen: 52.792 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

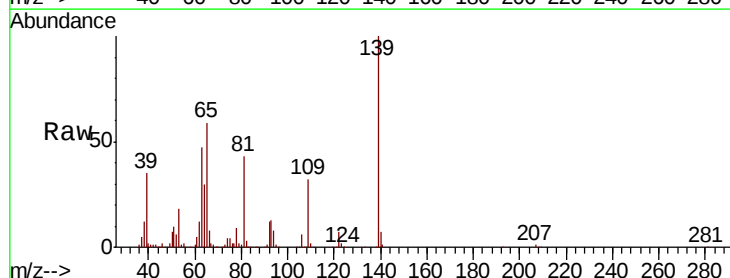
Tgt Ion: 139 Resp: 593267

Ion Ratio Lower Upper

139 100

109 32.1 25.2 37.8

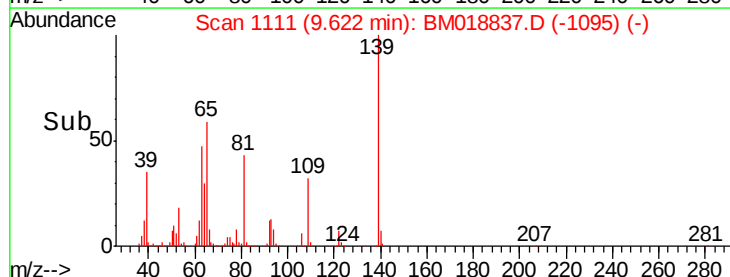
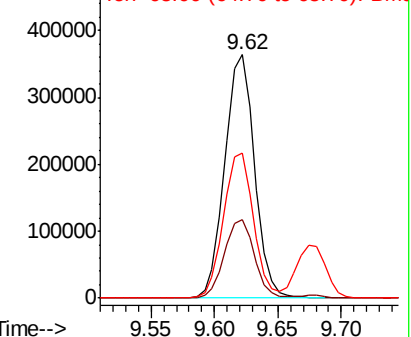
65 59.4 47.0 70.4

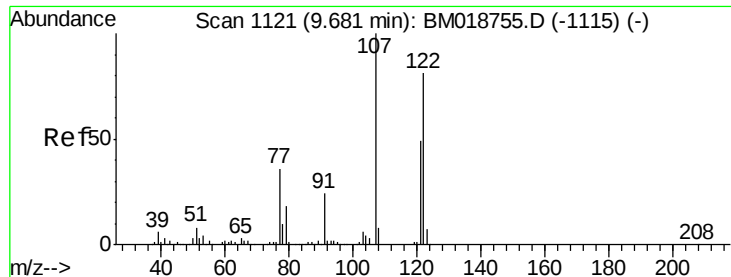


Abundance Ion 139.00 (138.70 to 139.70): BM018837.D (-1095) (-)

Ion 109.00 (108.70 to 109.70): BM018837.D (-1095) (-)

Ion 65.00 (64.70 to 65.70): BM018837.D (-1095) (-)





#27

2,4-Dimethylphenol

Concen: 61.477 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

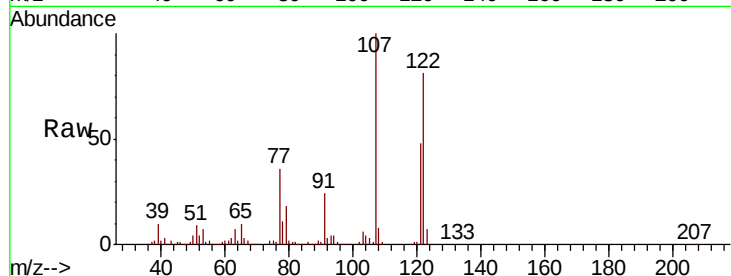
Tot Ion:122 Resp: 1009051

Ion Ratio Lower Upper

122 100

107 123.7 97.6 146.4

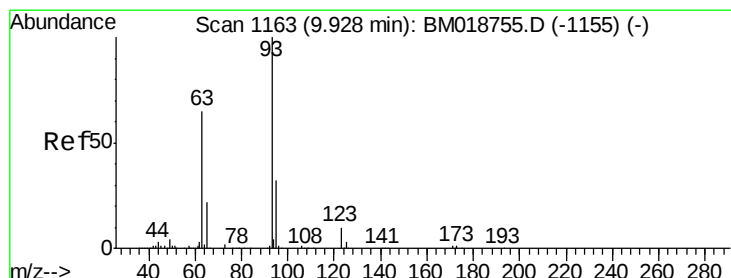
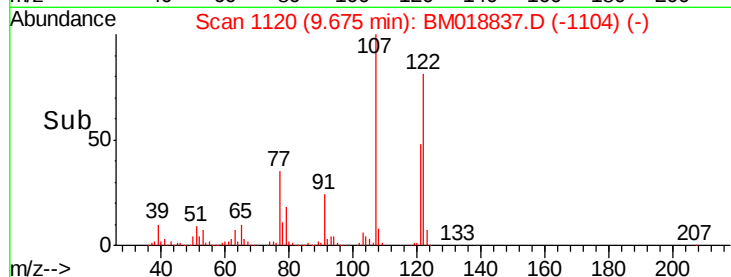
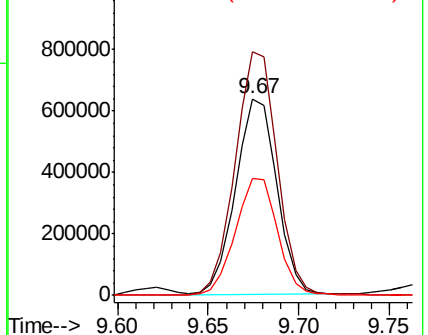
121 59.2 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 53.654 ng

RT: 9.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

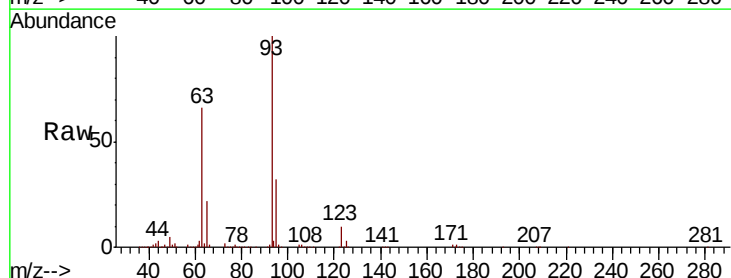
Tgt Ion: 93 Resp: 1505013

Ion Ratio Lower Upper

93 100

95 32.2 25.6 38.4

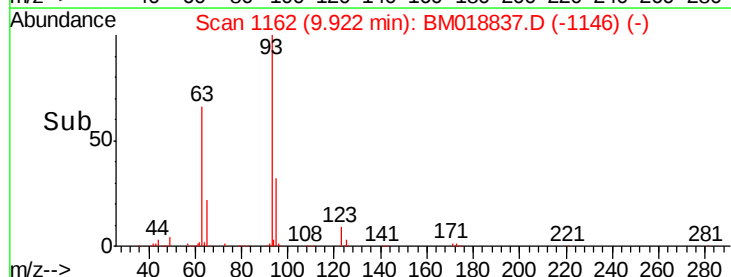
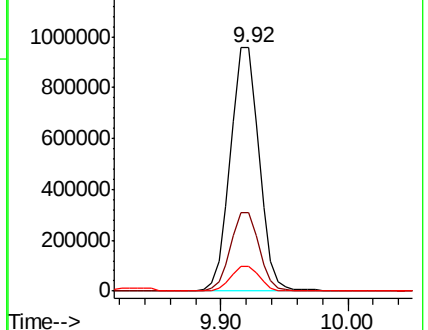
123 10.4 8.2 12.4

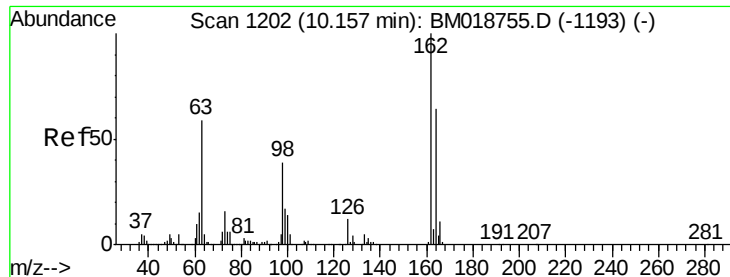


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

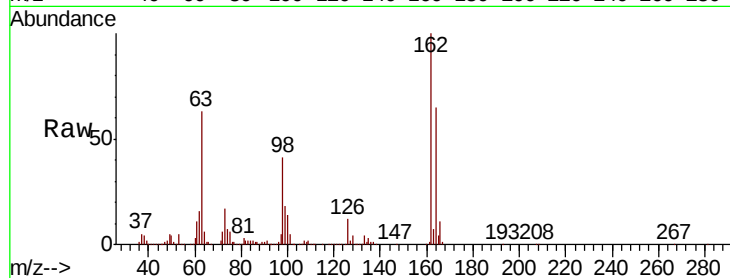




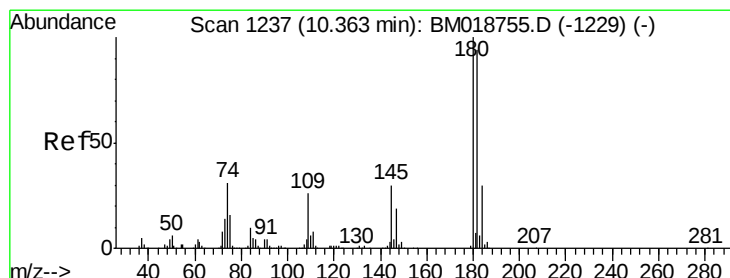
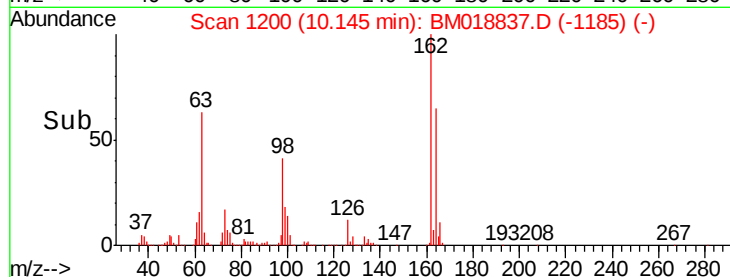
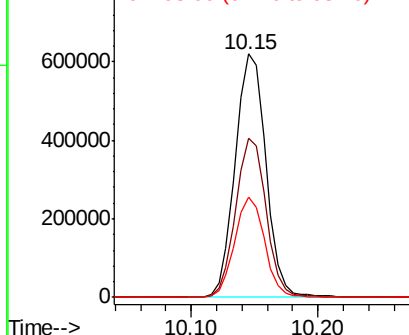
#29
2,4-Dichlorophenol
Concen: 55.324 ng
RT: 10.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 1042653
Ion Ratio Lower Upper
162 100
164 65.4 44.1 84.1
98 41.0 19.4 59.4

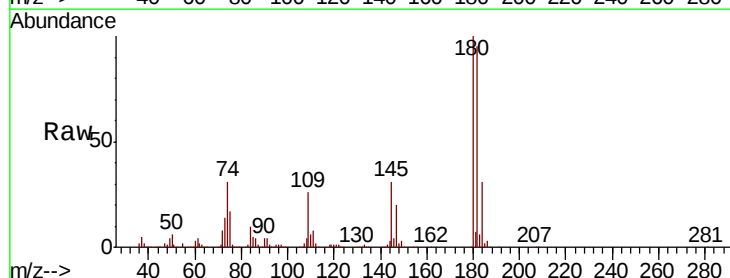


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

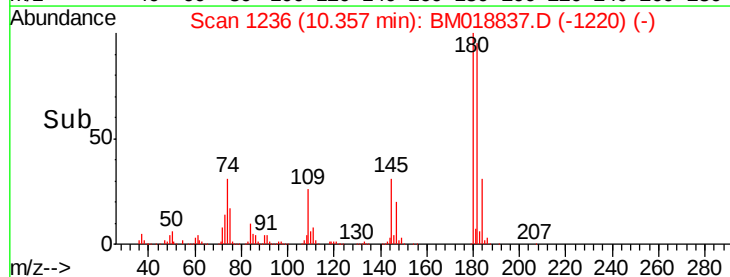
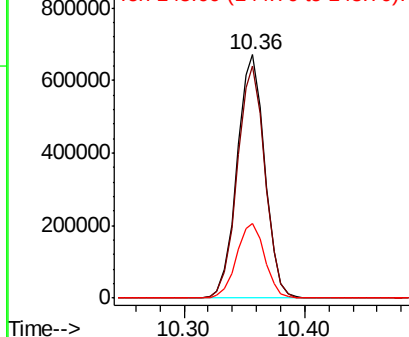


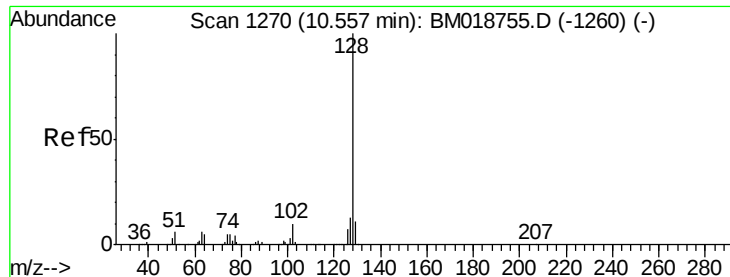
#30
1,2,4-Trichlorobenzene
Concen: 49.191 ng
RT: 10.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion:180 Resp: 1070637
Ion Ratio Lower Upper
180 100
182 95.2 75.0 112.6
145 30.9 24.1 36.1



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

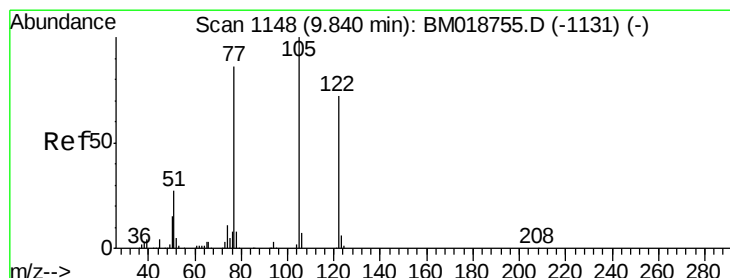
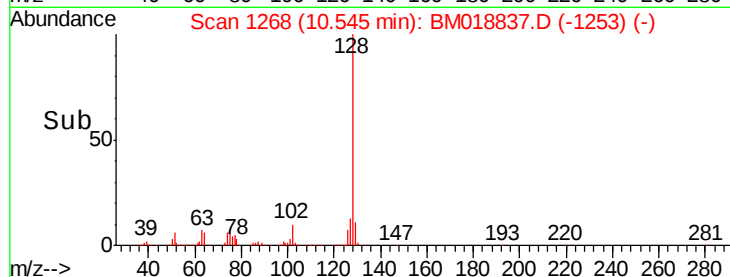
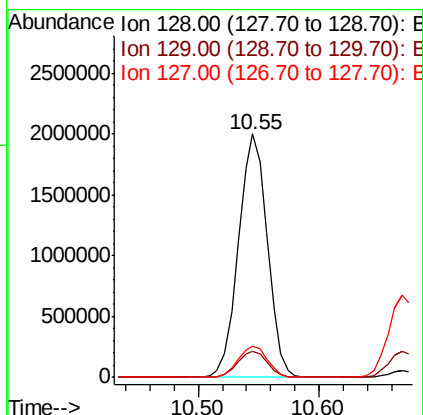
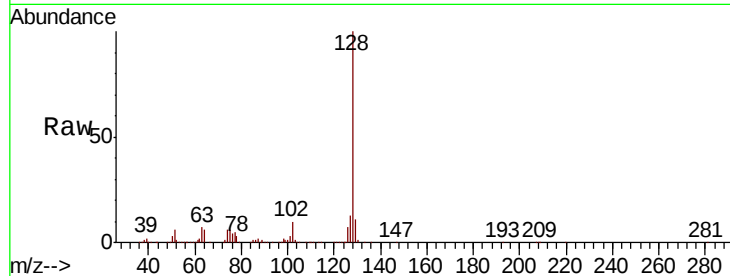




#31
Naphthalene
Concen: 54.187 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

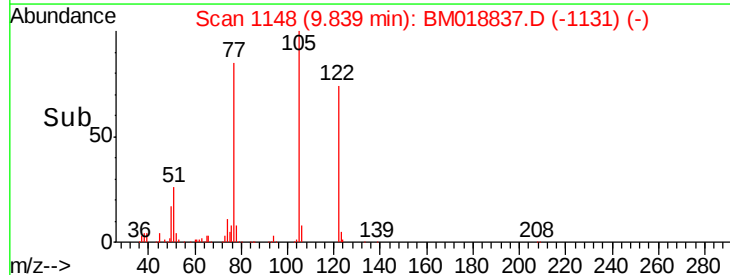
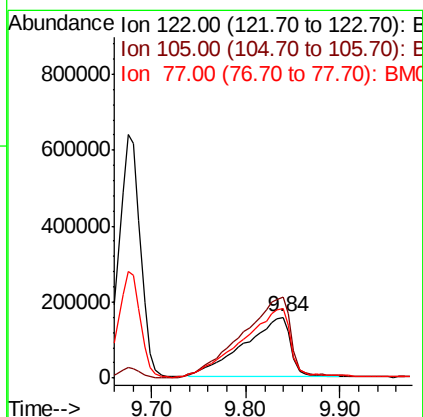
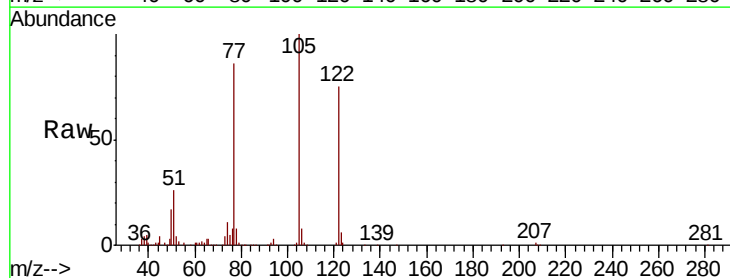
Instrument :
BNA_M
ClientSampled :

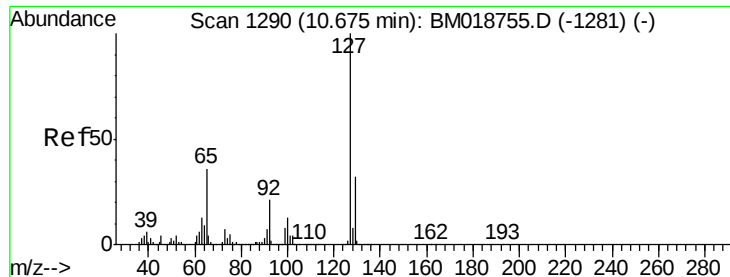
Tot Ion:128 Resp: 3322004
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 37.556 ng
RT: 9.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion:122 Resp: 537708
Ion Ratio Lower Upper
122 100
105 133.2 117.5 157.5
77 114.7 98.5 138.5

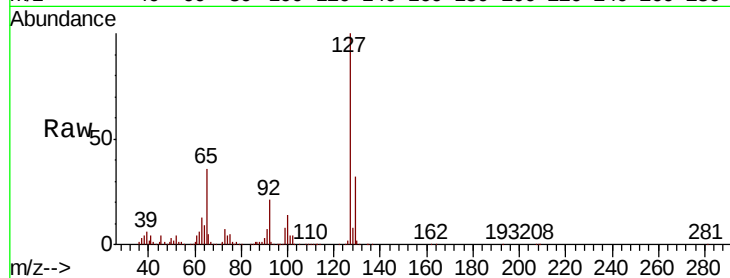




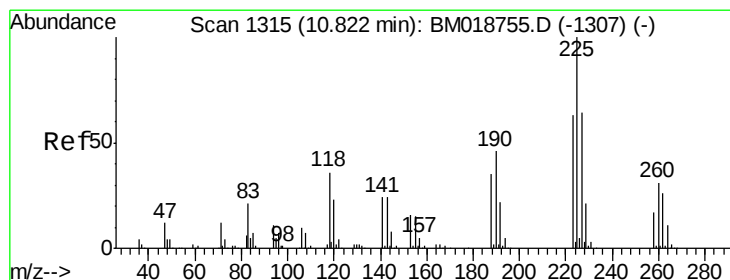
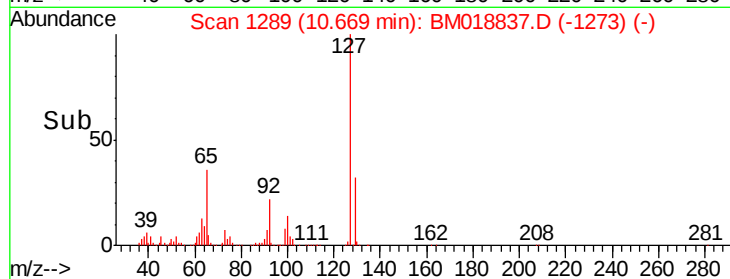
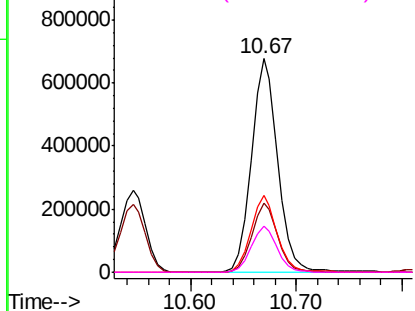
#33
4-Chloroaniline
Concen: 42.681 ng
RT: 10.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127 Resp: 1169662
Ion Ratio Lower Upper
127 100
129 32.3 25.7 38.5
65 36.1 28.7 43.1
92 21.5 17.0 25.4

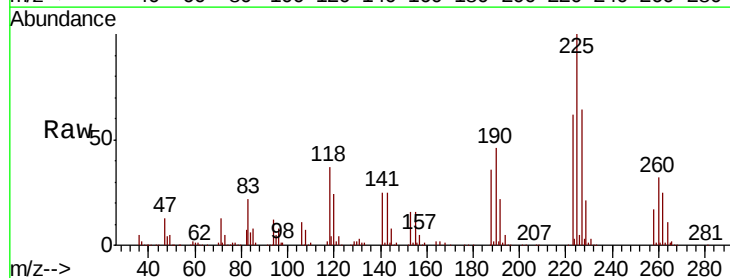


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

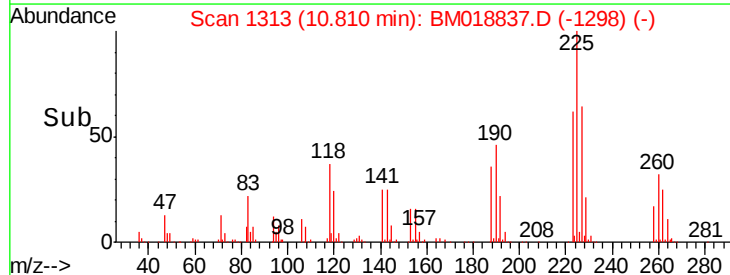
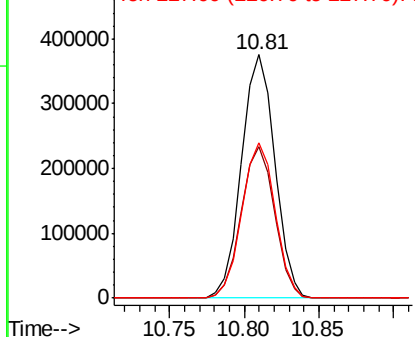


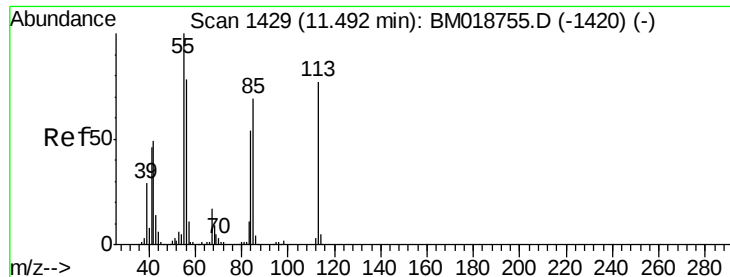
#34
Hexachlorobutadiene
Concen: 45.971 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion:225 Resp: 580765
Ion Ratio Lower Upper
225 100
223 62.4 50.1 75.1
227 63.5 51.4 77.0



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





#35

Caprolactam

Concen: 23.142 ng

RT: 11.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

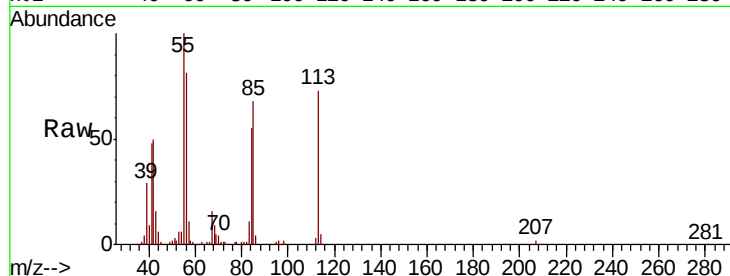
Tot Ion:113 Resp: 177994

Ion Ratio Lower Upper

113 100

55 137.1 110.7 150.7

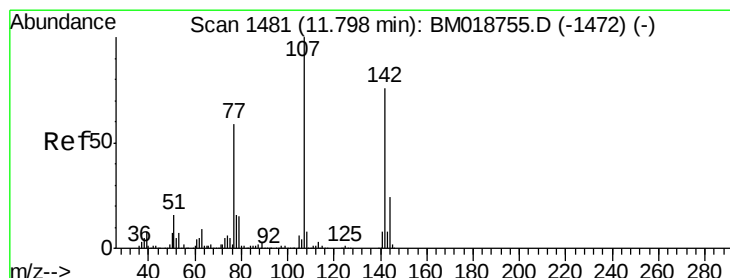
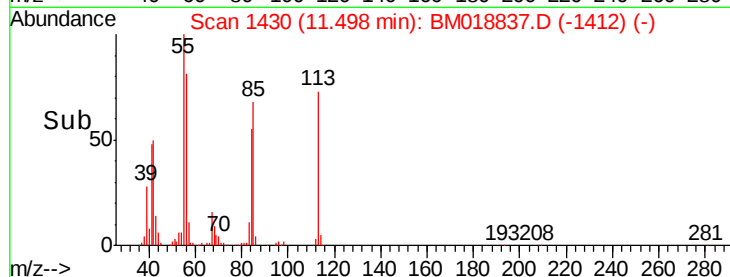
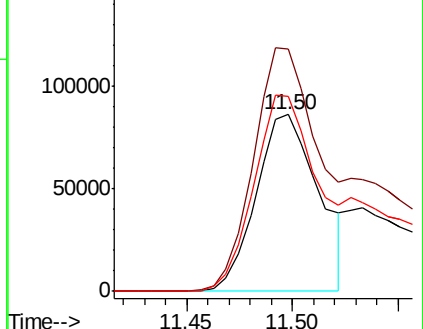
56 110.6 82.4 122.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 55.161 ng

RT: 11.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

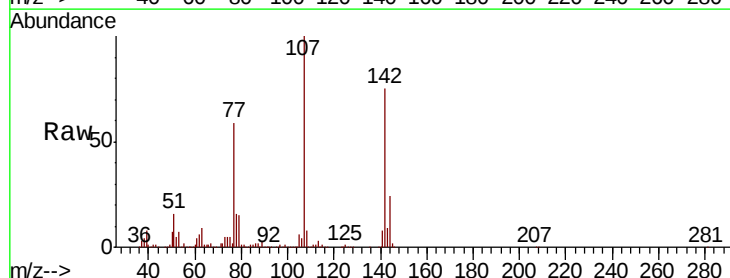
Tgt Ion:107 Resp: 1253409

Ion Ratio Lower Upper

107 100

144 24.0 19.3 28.9

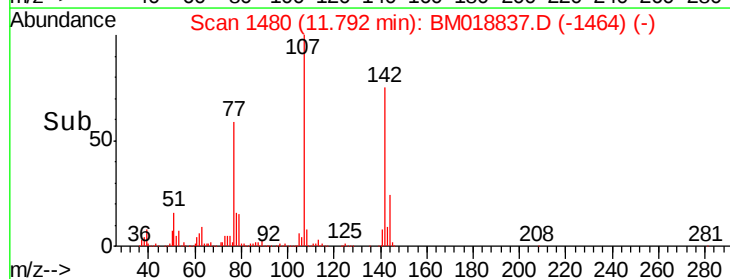
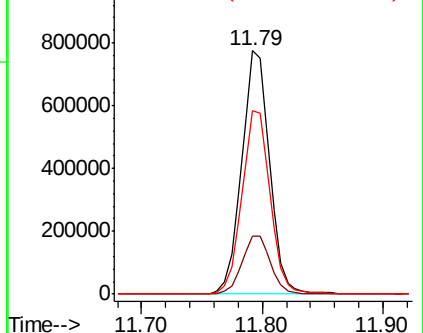
142 75.1 60.5 90.7

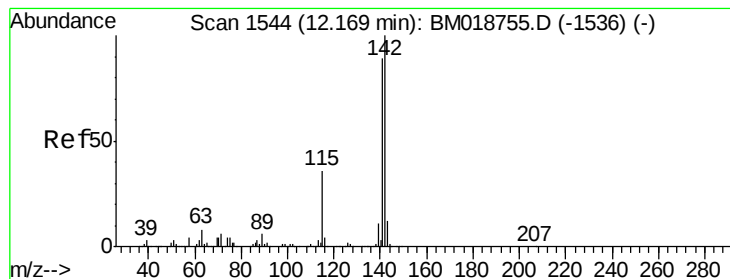


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 57.410 ng

RT: 12.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

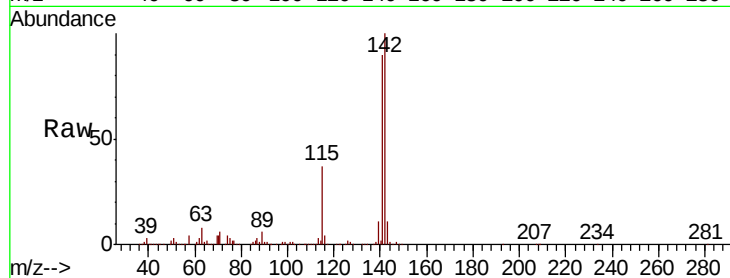
Tot Ion:142 Resp: 2477985

Ion Ratio Lower Upper

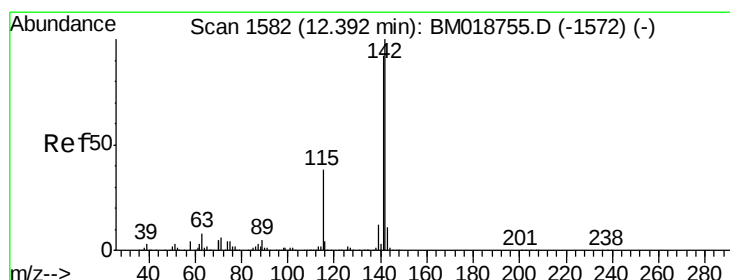
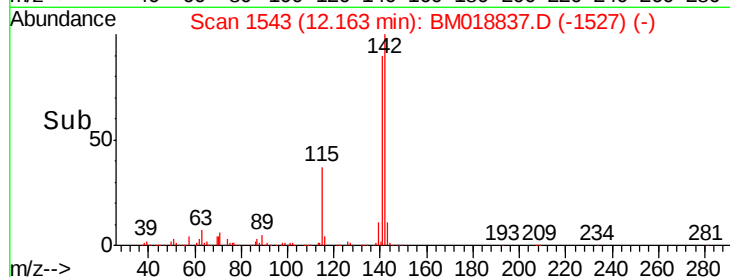
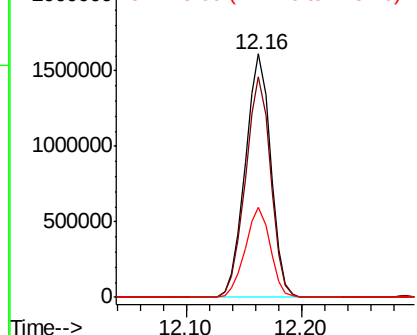
142 100

141 90.4 71.2 106.8

115 37.0 29.1 43.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 55.928 ng

RT: 12.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

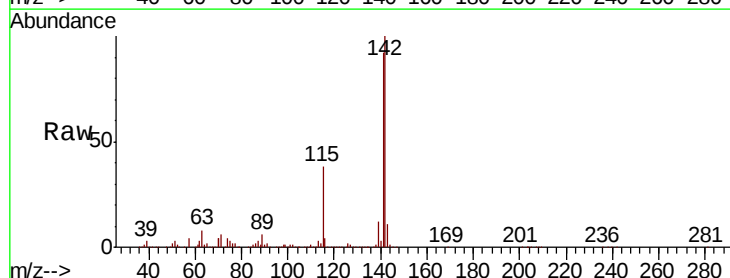
Tgt Ion:142 Resp: 2360611

Ion Ratio Lower Upper

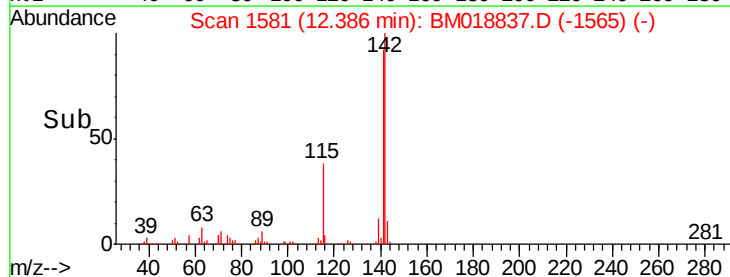
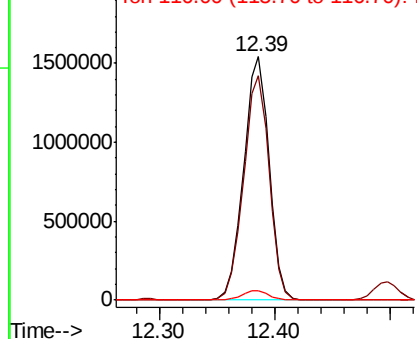
142 100

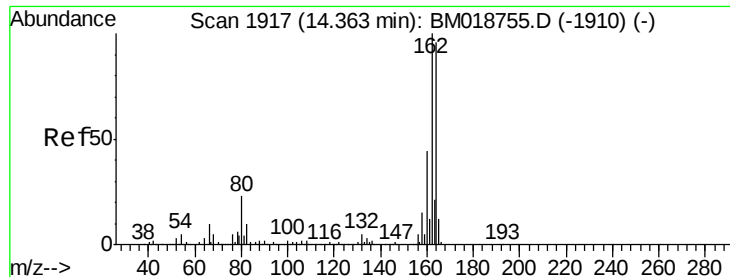
141 92.4 73.9 110.9

116 3.9 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

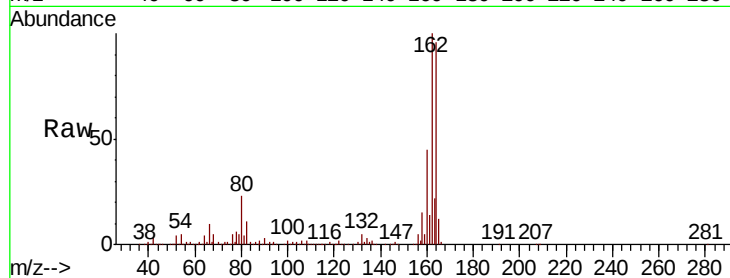
Tot Ion:164 Resp: 732964

Ion Ratio Lower Upper

164 100

162 104.5 83.4 125.0

160 46.9 36.6 55.0

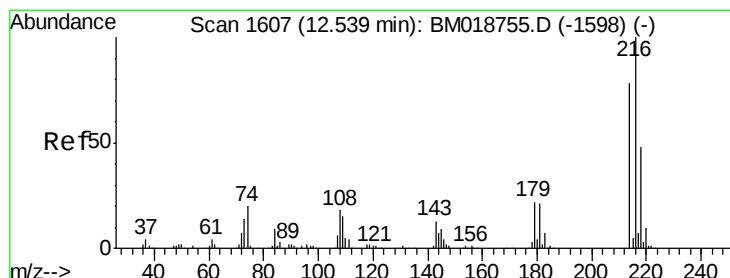
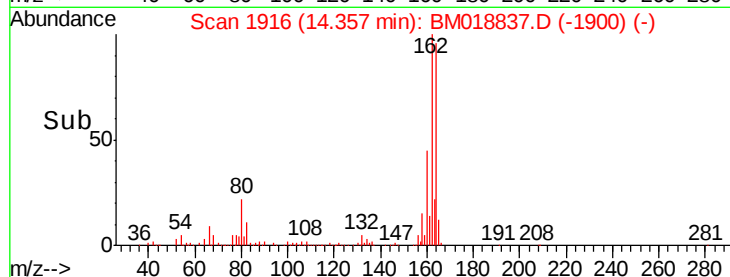
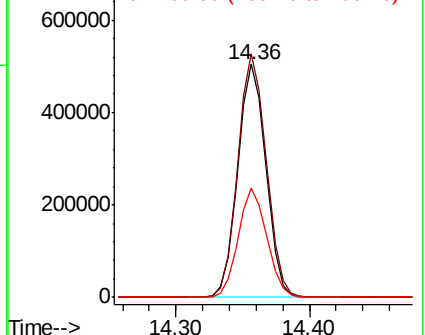


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.532 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tgt Ion:216 Resp: 1161365

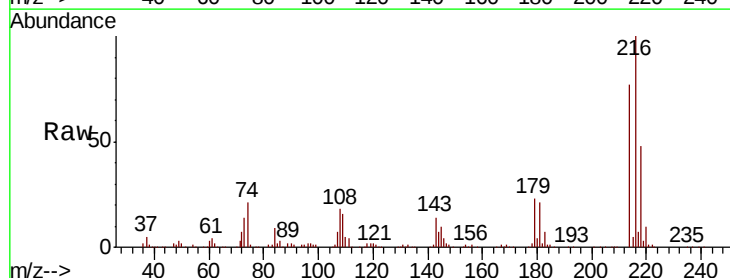
Ion Ratio Lower Upper

216 100

214 78.3 63.2 94.8

179 22.9 17.8 26.8

108 23.3 16.4 24.6



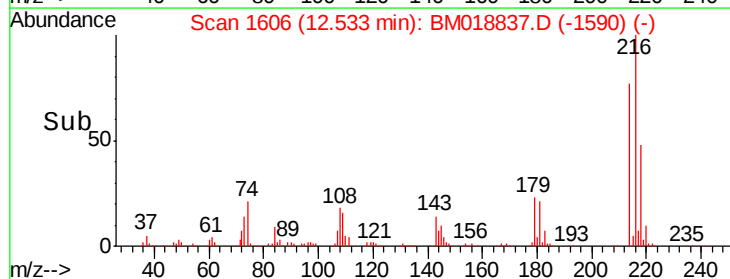
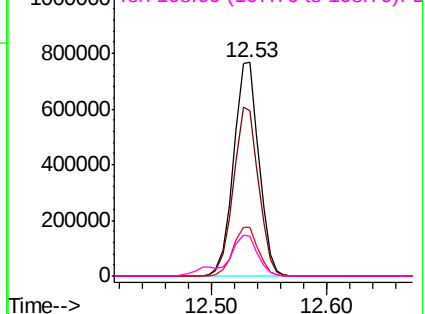
Abundance

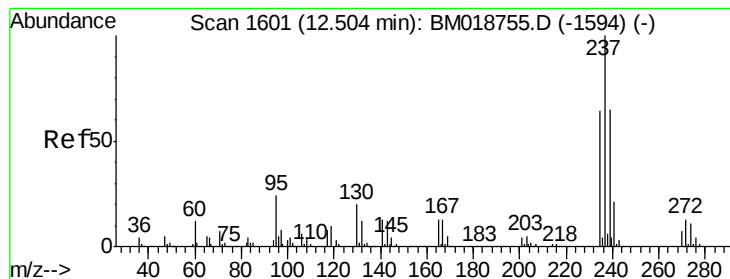
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 114.029 ng

RT: 12.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

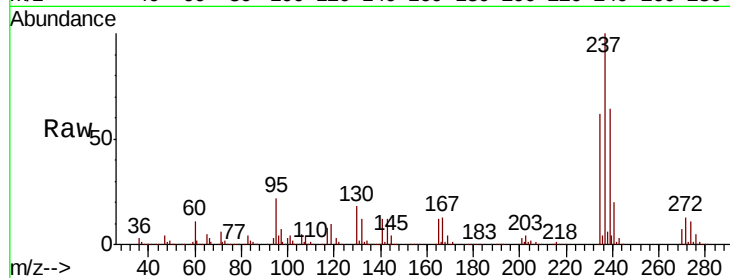
Tot Ion:237 Resp: 1366943

Ion	Ratio	Lower	Upper
237	100		
235	61.8	43.7	83.7
272	13.1	0.0	33.3

237 100

235 61.8 43.7 83.7

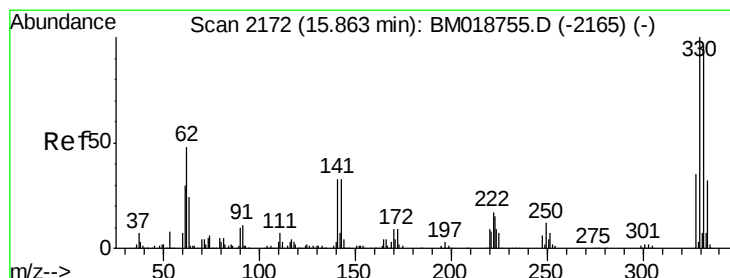
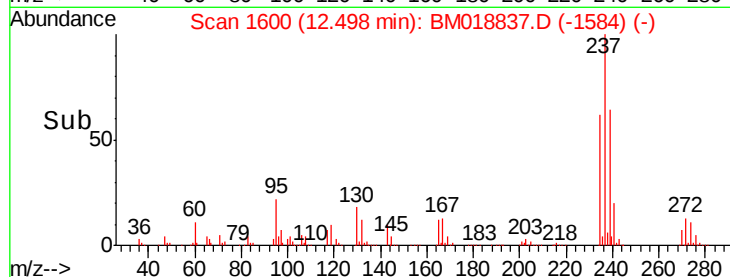
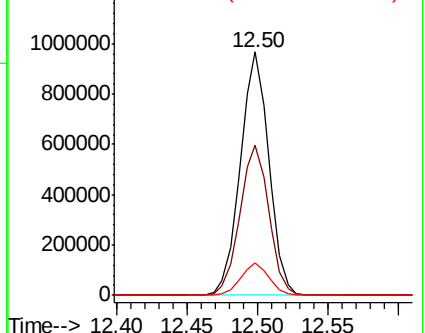
272 13.1 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 151.578 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

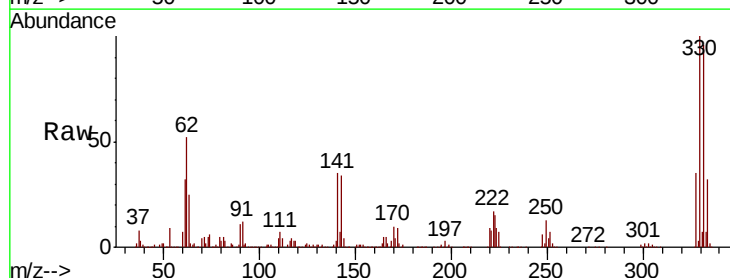
Tgt Ion:330 Resp: 1601496

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	35.7	28.7	43.1

330 100

332 96.6 76.9 115.3

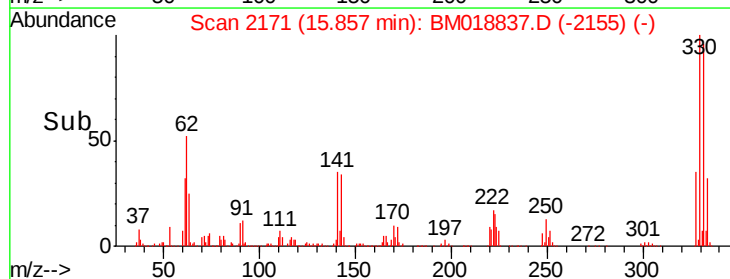
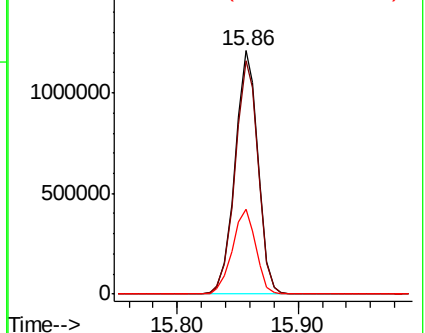
141 35.7 28.7 43.1



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

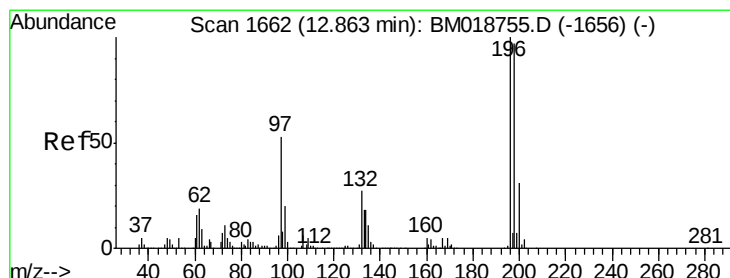
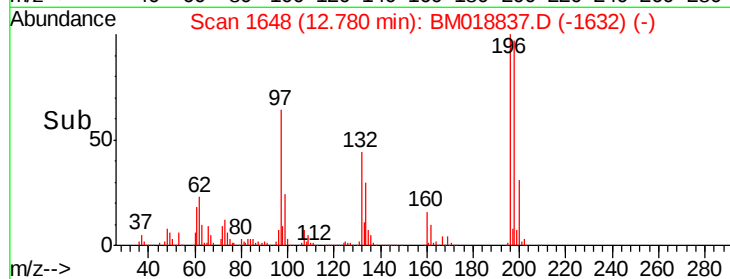
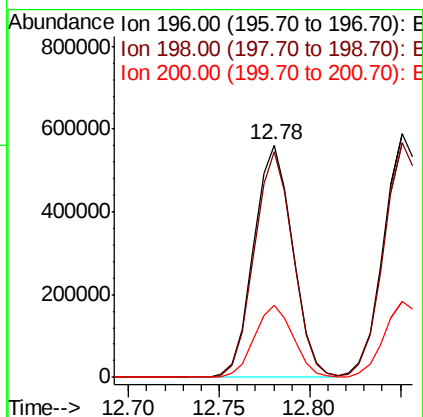
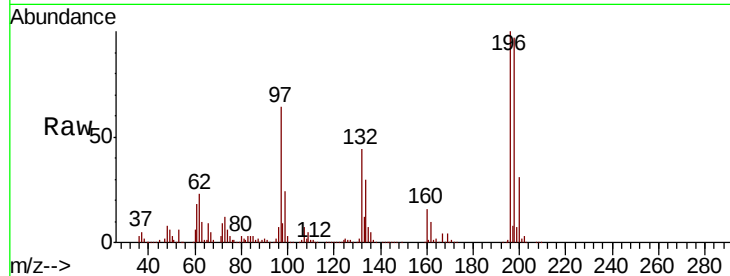




#43
 2,4,6-Trichlorophenol
 Concen: 54.188 ng
 RT: 12.78 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

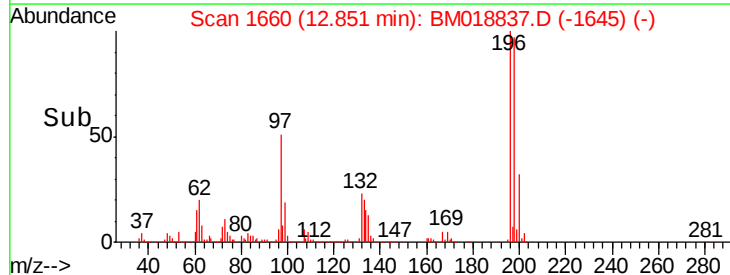
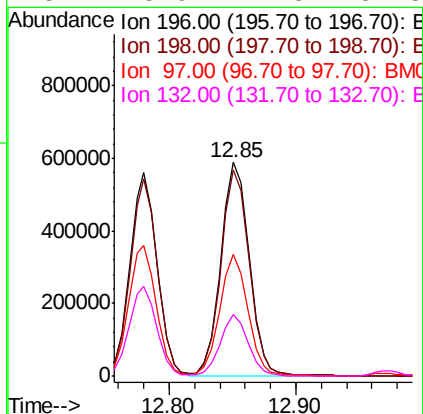
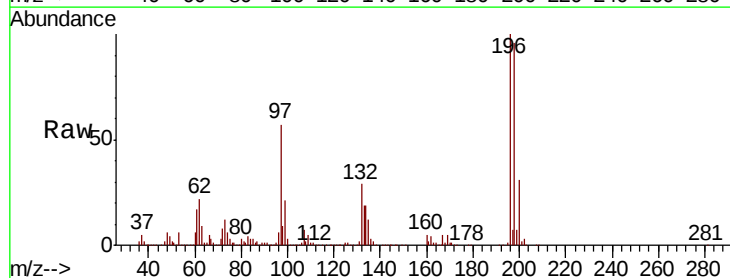
Instrument :
 BNA_M
 ClientSampleId :

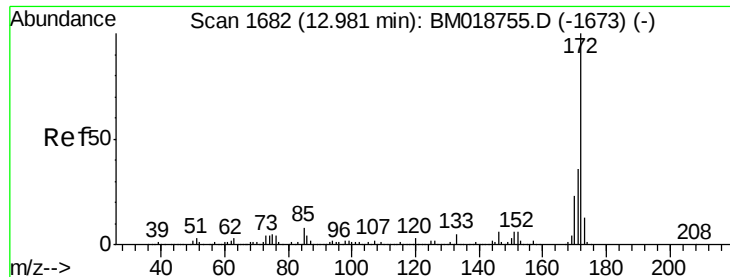
Tot Ion:196 Resp: 841098
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.2 114.2
 200 31.0 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 56.063 ng
 RT: 12.85 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

Tgt Ion:196 Resp: 912084
 Ion Ratio Lower Upper
 196 100
 198 96.4 77.6 116.4
 97 57.0 42.8 64.2
 132 28.9 21.8 32.8

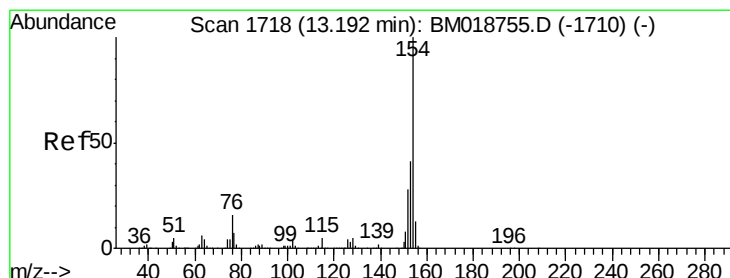
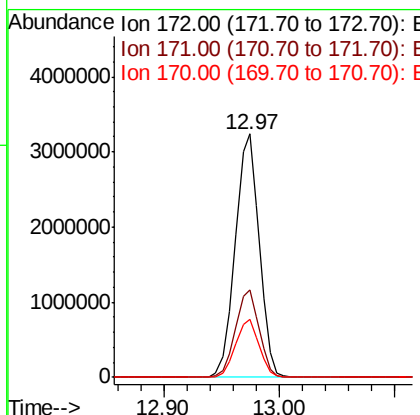
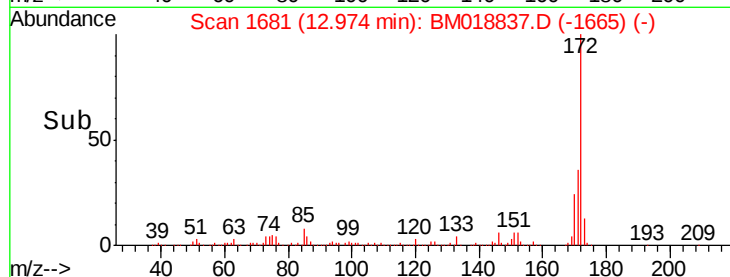
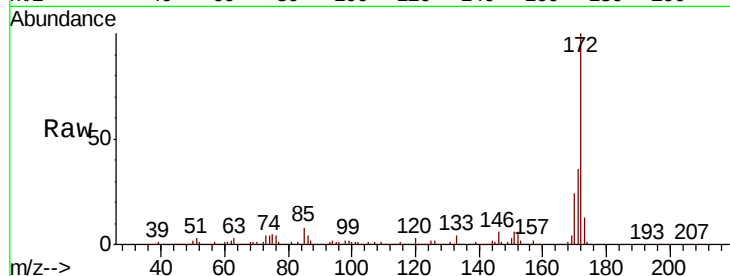




#45
2-Fluorobiphenyl
Concen: 83.770 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

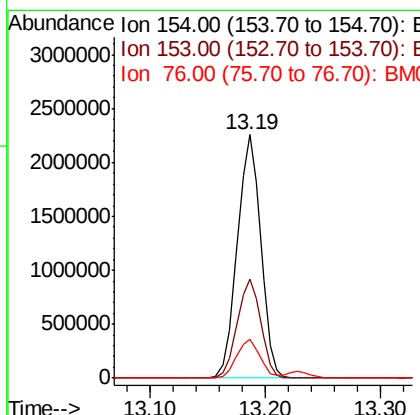
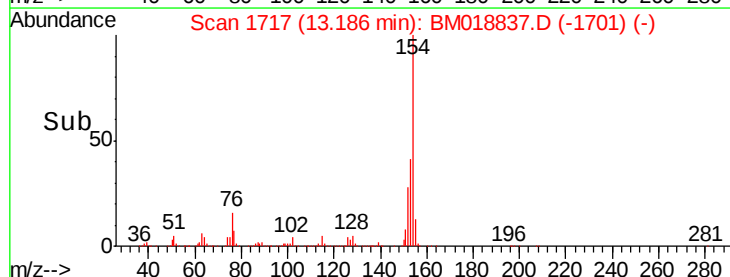
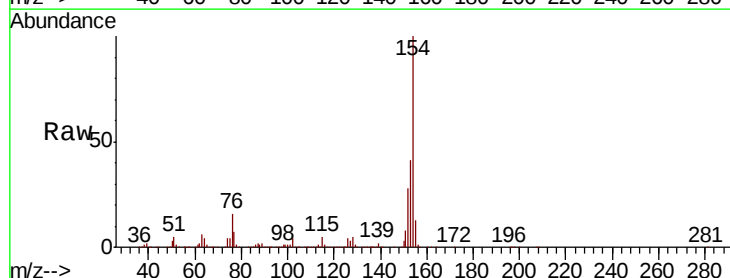
Instrument :
BNA_M
ClientSampled :

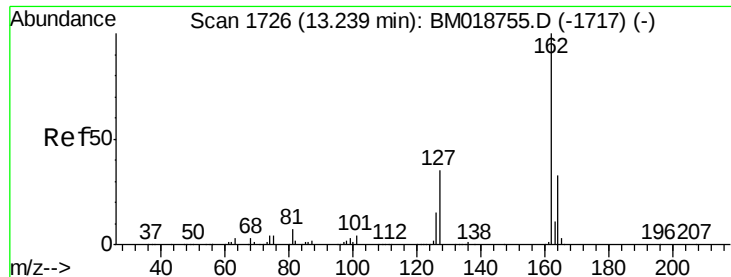
Tot Ion:172 Resp: 4625342
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 50.196 ng
RT: 13.19 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion:154 Resp: 3166951
Ion Ratio Lower Upper
154 100
153 40.9 21.1 61.1
76 15.9 0.0 35.7

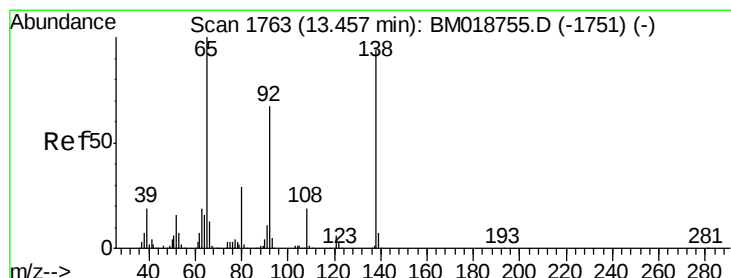
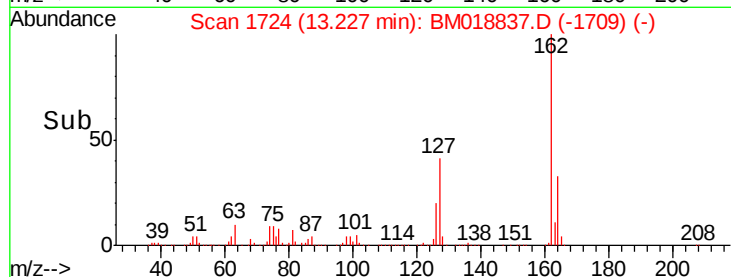
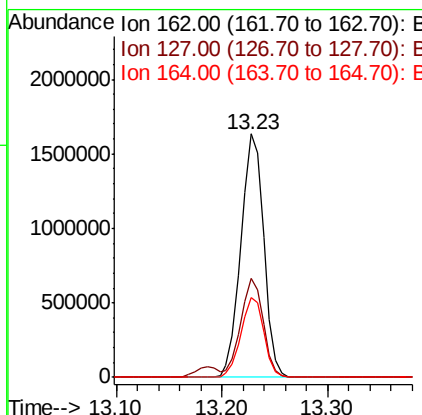
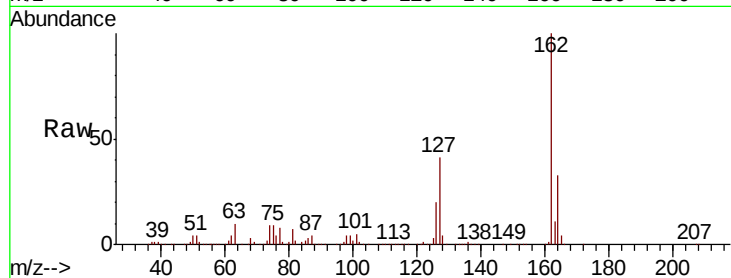




#47
 2-Chloronaphthalene
 Concen: 50.214 ng
 RT: 13.23 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

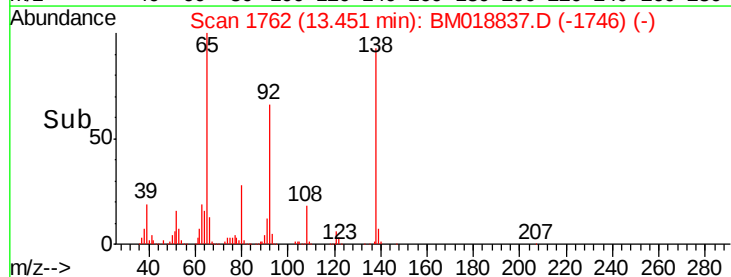
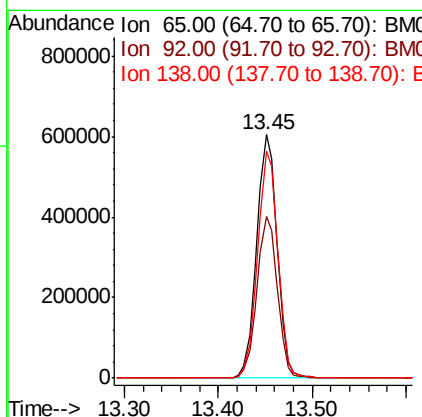
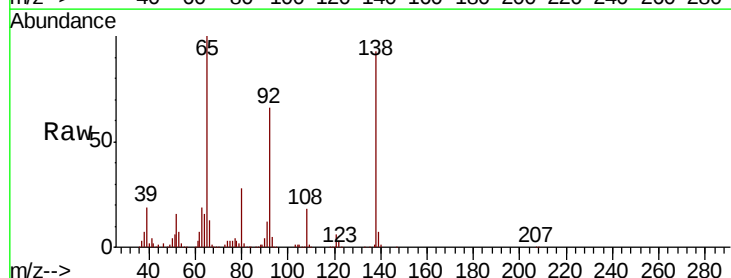
Instrument :
 BNA_M
 ClientSampleId :

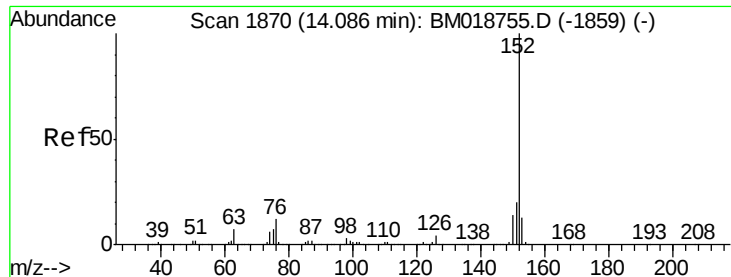
Tot Ion:162 Resp: 2446984
 Ion Ratio Lower Upper
 162 100
 127 40.5 31.1 46.7
 164 32.6 26.4 39.6



#48
 2-Nitroaniline
 Concen: 56.606 ng
 RT: 13.45 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

Tgt Ion: 65 Resp: 916156
 Ion Ratio Lower Upper
 65 100
 92 66.2 54.0 81.0
 138 93.4 74.9 112.3





#49

Acenaphthylene

Concen: 55.883 ng

RT: 14.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

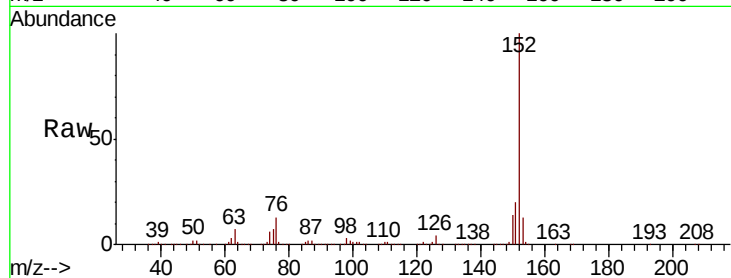
Instrument :

BNA_M

ClientSampleId :

Tot Ion:152 Resp: 4054930

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.8
153	13.3	10.5	15.7

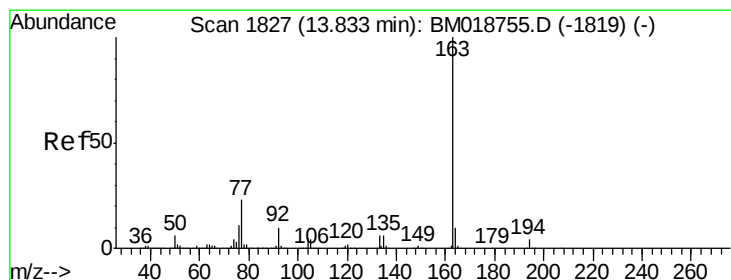
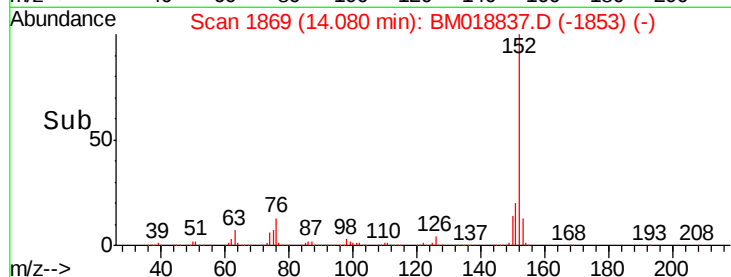
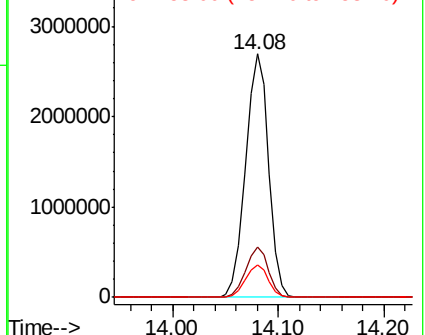


Abundance

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: 56.769 ng

RT: 13.83 min Scan# 1826

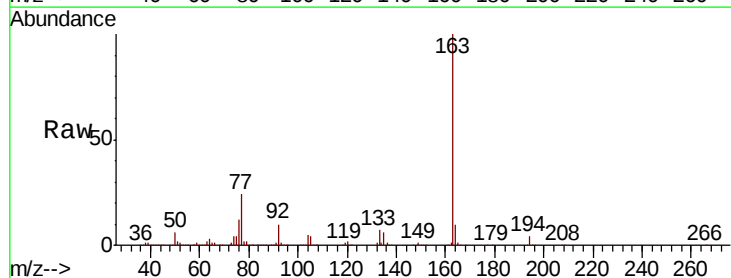
Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tgt Ion:163 Resp: 3467756

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.2	7.8	11.8

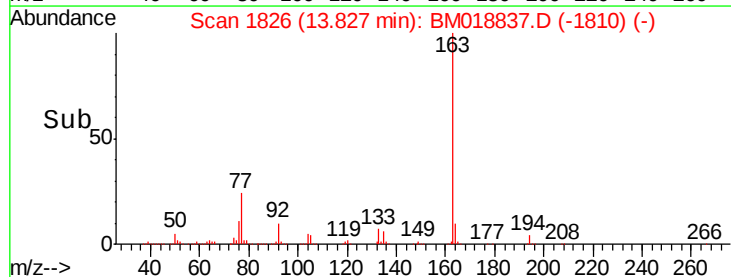
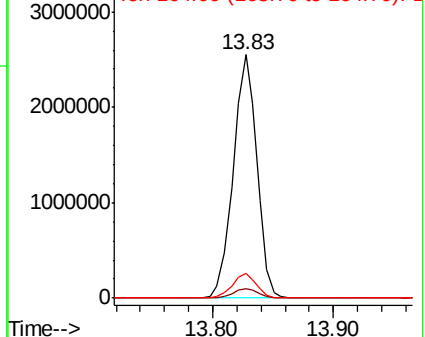


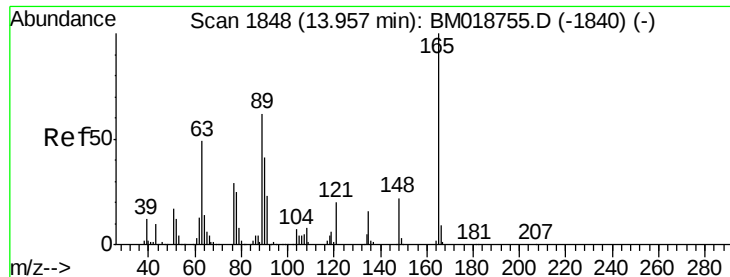
Abundance

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

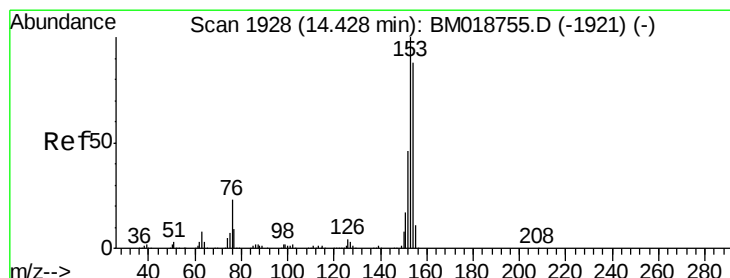
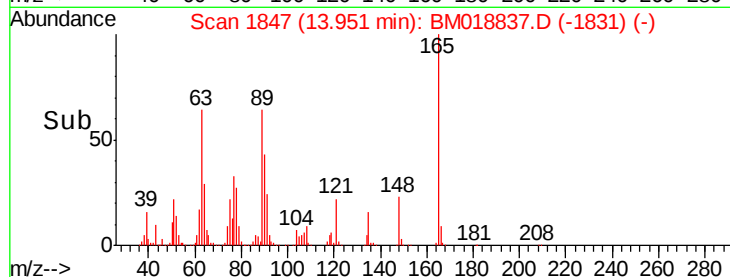
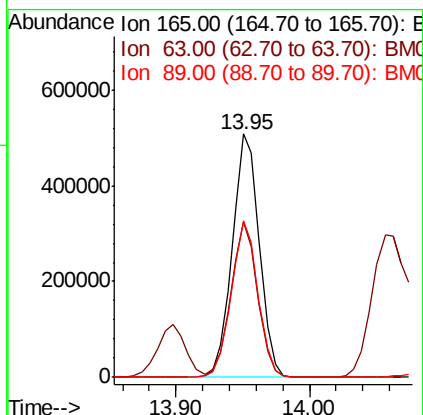
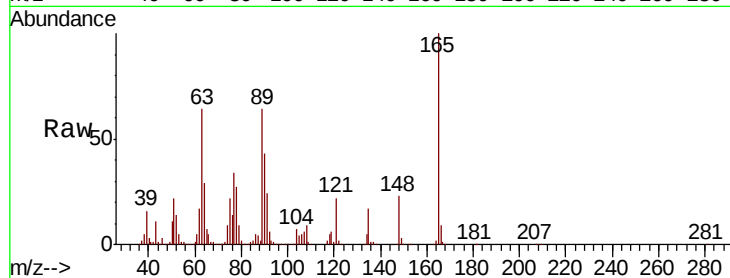




#51
2,6-Dinitrotoluene
Concen: 53.951 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

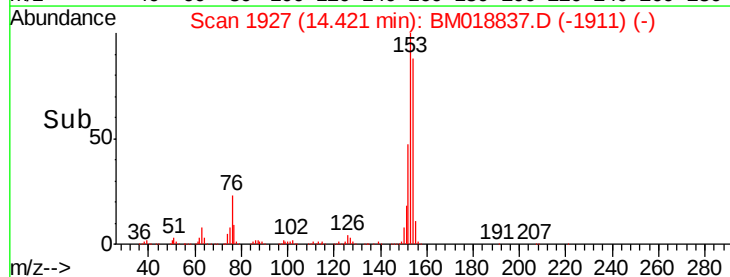
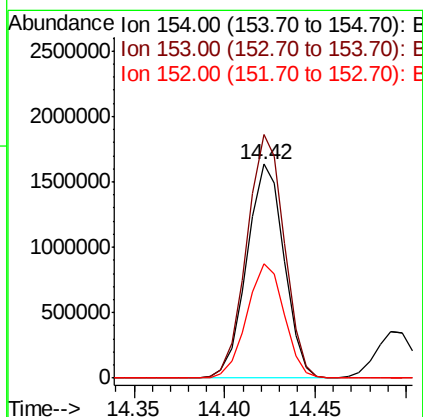
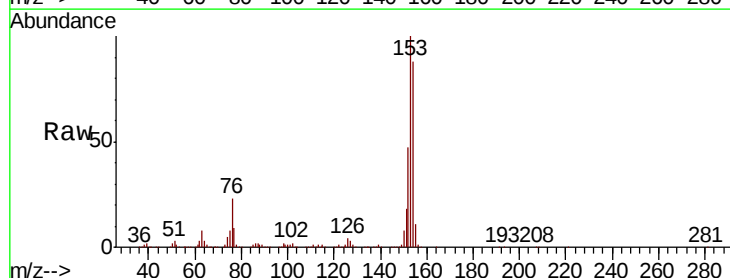
Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 713904
Ion Ratio Lower Upper
165 100
63 63.8 48.9 73.3
89 64.2 49.4 74.0



#52
Acenaphthene
Concen: 52.575 ng
RT: 14.42 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion:154 Resp: 2339248
Ion Ratio Lower Upper
154 100
153 113.8 91.3 136.9
152 53.5 42.2 63.4

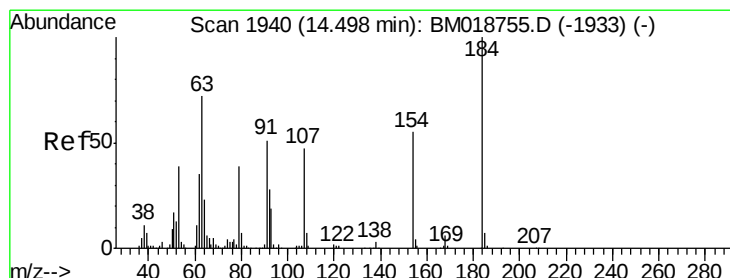
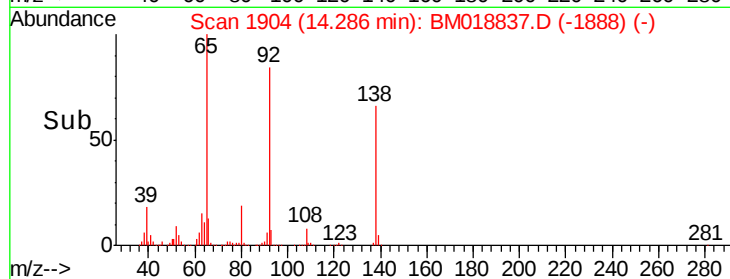
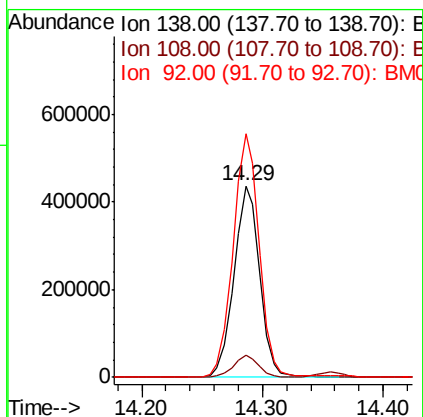
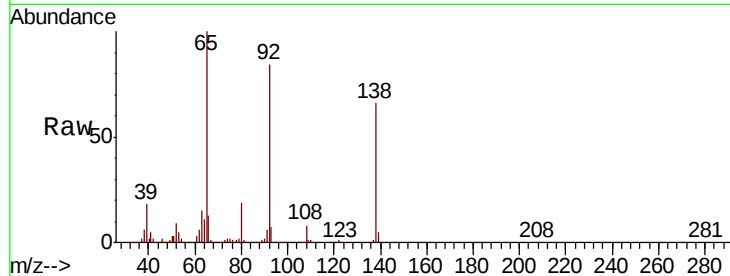




#53
3-Nitroaniline
Concen: 43.422 ng
RT: 14.29 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

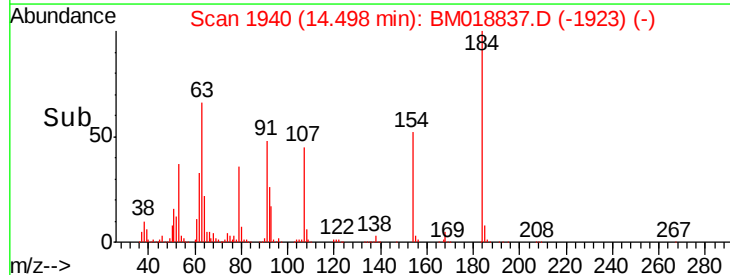
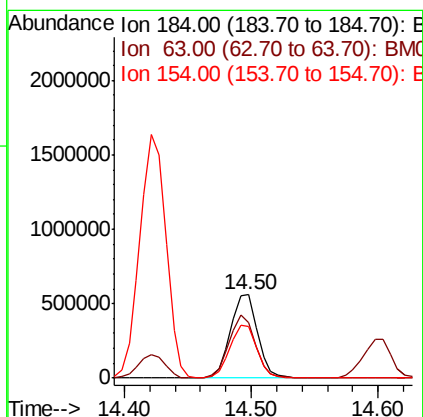
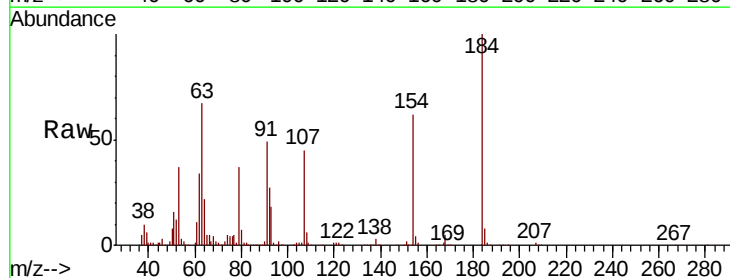
Instrument :
BNA_M
ClientSampleId :

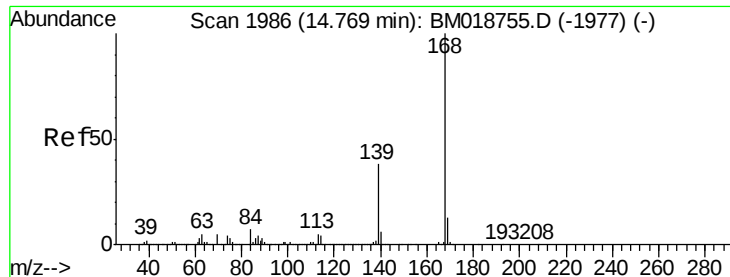
Tot Ion:138 Resp: 649211
Ion Ratio Lower Upper
138 100
108 11.5 9.1 13.7
92 127.3 99.7 149.5



#54
2,4-Dinitrophenol
Concen: 97.822 ng
RT: 14.50 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion:184 Resp: 832962
Ion Ratio Lower Upper
184 100
63 67.3 58.0 87.0
154 62.3 50.3 75.5





#55

Dibenzofuran

Concen: 52.072 ng

RT: 14.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

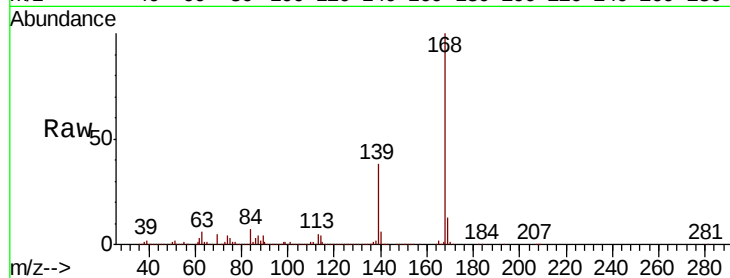
Tot Ion:168 Resp: 3808067

Ion Ratio Lower Upper

168 100

139 38.5 30.7 46.1

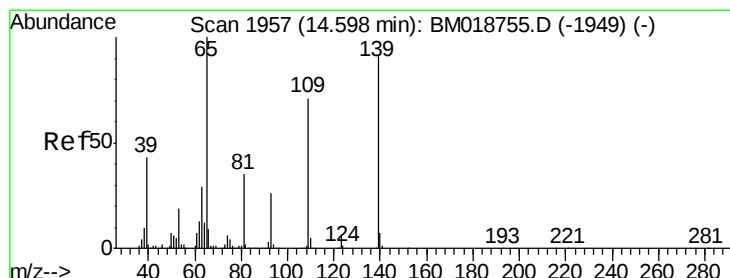
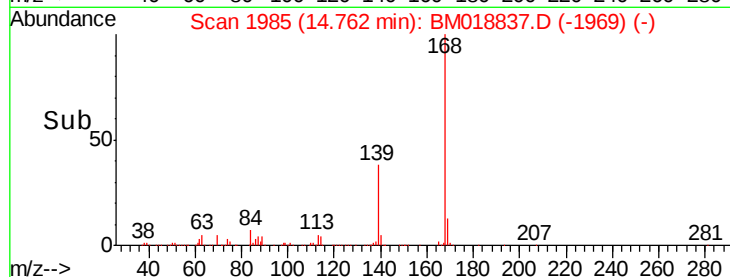
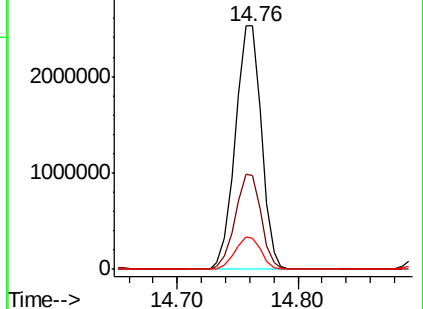
169 13.0 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 107.152 ng

RT: 14.60 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

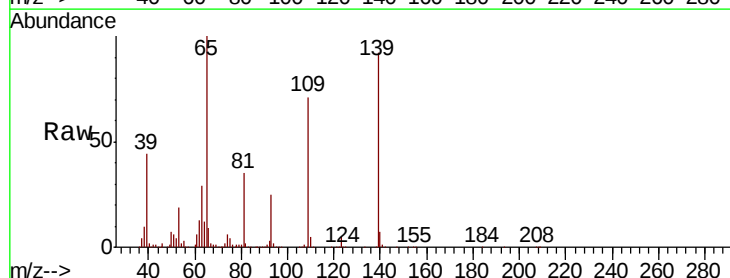
Tgt Ion:139 Resp: 1278882

Ion Ratio Lower Upper

139 100

109 77.5 58.4 98.4

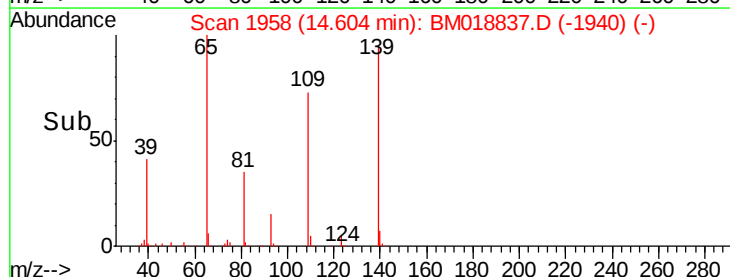
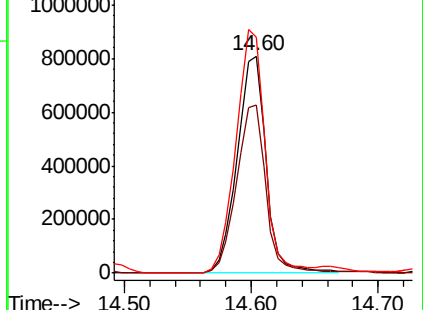
65 108.8 89.8 129.8

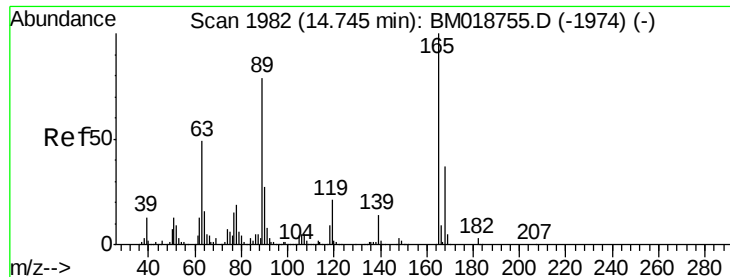


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

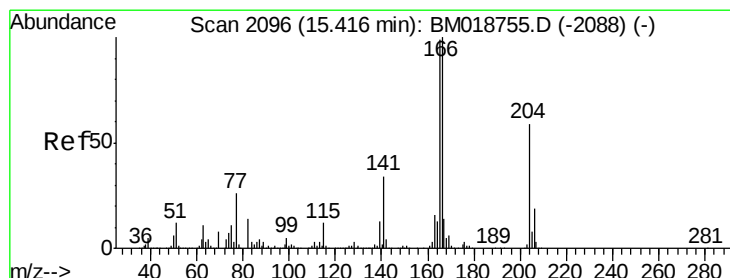
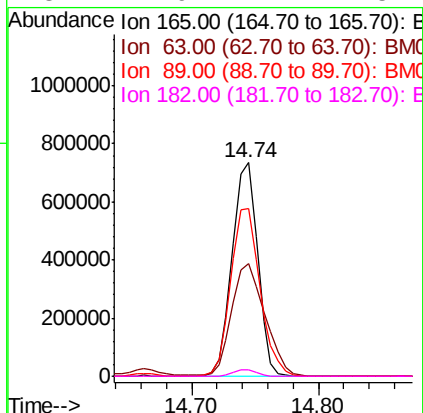
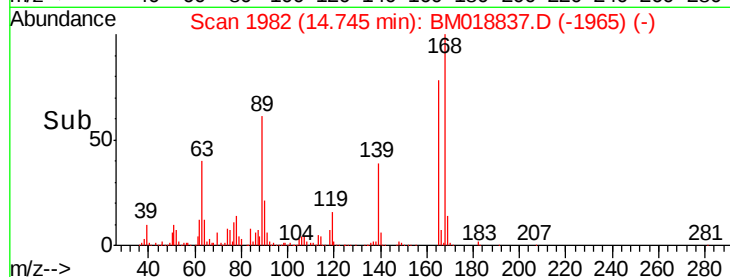
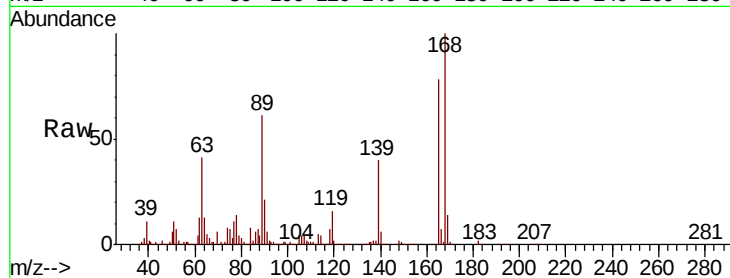




#57
2,4-Dinitrotoluene
Concen: 56.177 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

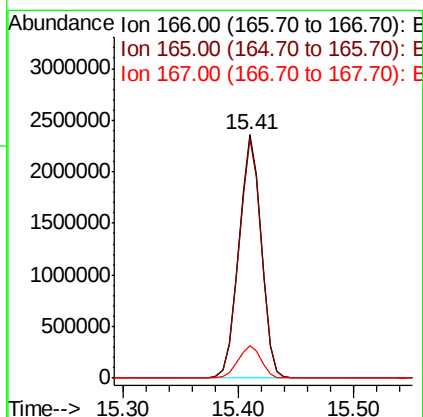
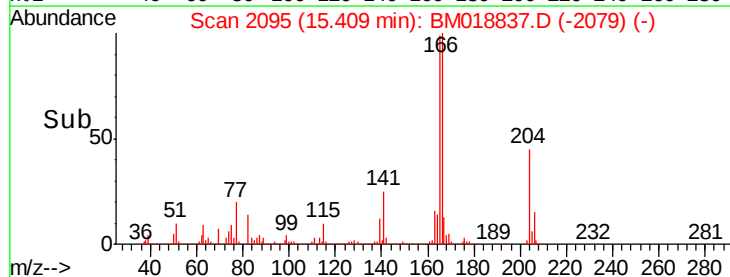
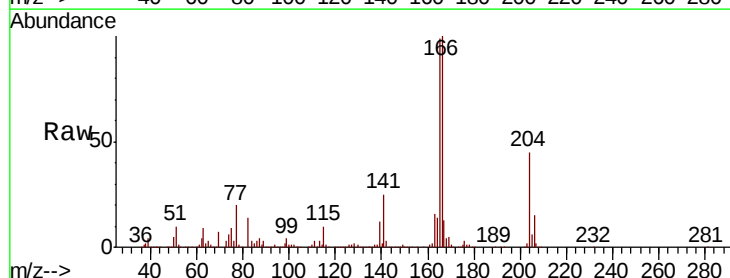
Instrument :
BNA_M
ClientSampleId :

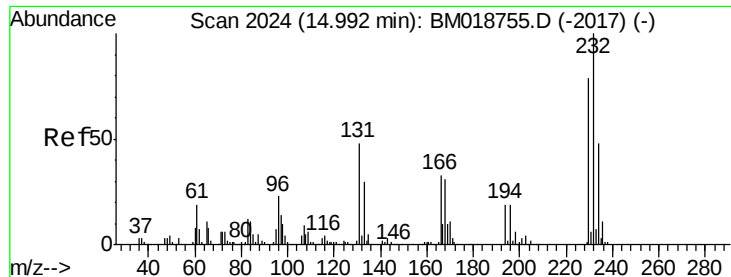
Tot Ion:165 Resp: 1024206
Ion Ratio Lower Upper
165 100
63 52.6 39.6 59.4
89 78.5 63.5 95.3
182 2.9 2.2 3.4



#58
Fluorene
Concen: 56.339 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion:166 Resp: 3152057
Ion Ratio Lower Upper
166 100
165 98.6 79.1 118.7
167 13.4 11.0 16.4

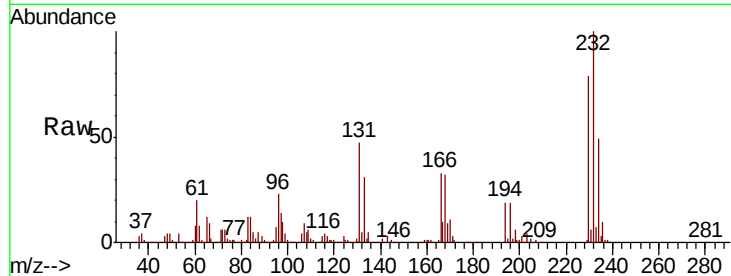




#59
2,3,4,6-Tetrachlorophenol
Concen: 58.208 ng
RT: 14.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.9	38.6	57.8
130	2.6	2.0	3.0
166	33.8	26.9	40.3



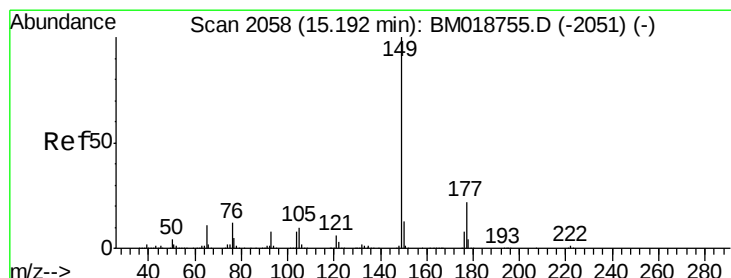
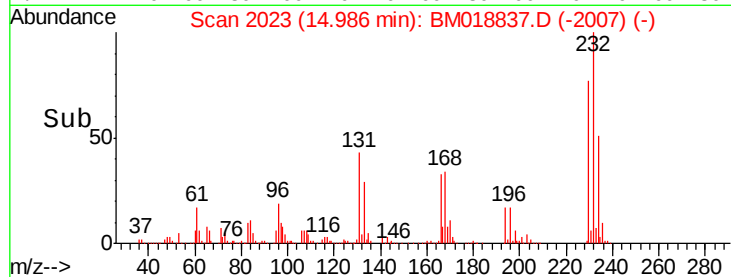
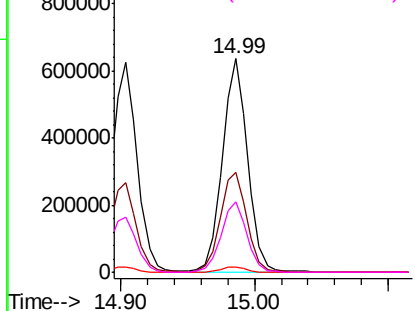
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

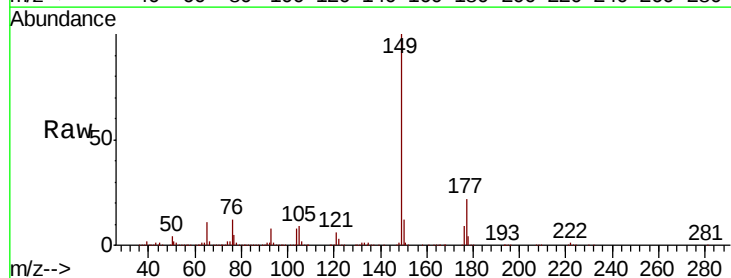
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 53.154 ng
RT: 15.19 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.2	25.8
150	12.5	10.2	15.2

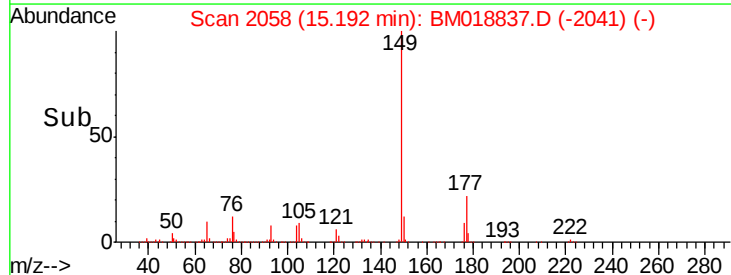
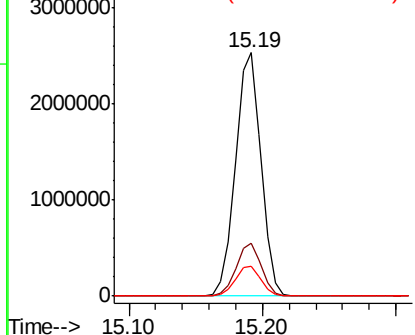


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

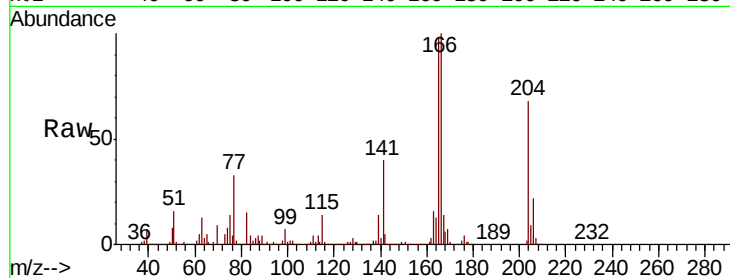




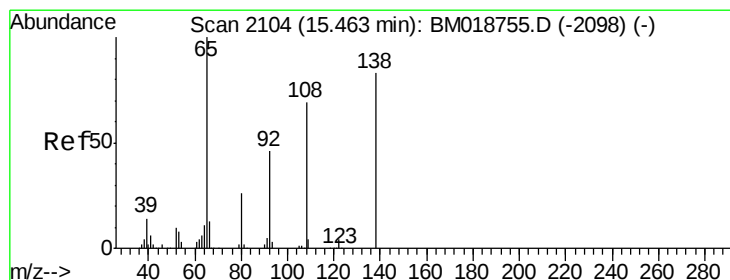
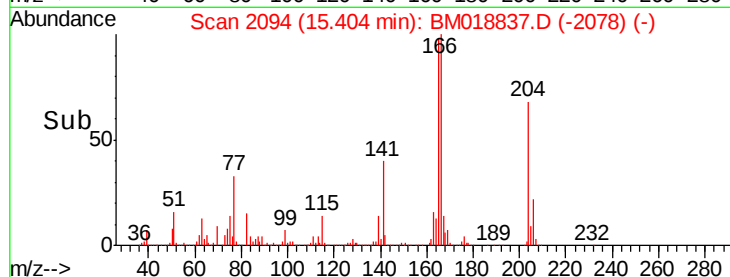
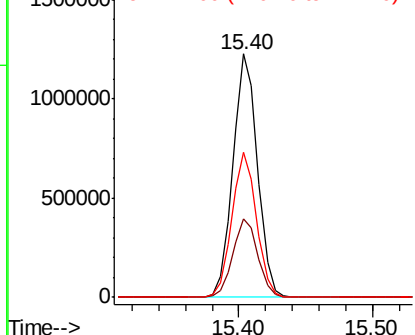
#61
4-Chlorophenyl-phenylether
Concen: 49.898 ng
RT: 15.40 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 1565249
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 59.8 49.2 73.8

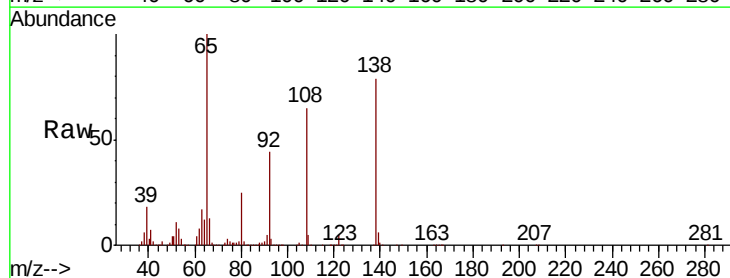


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

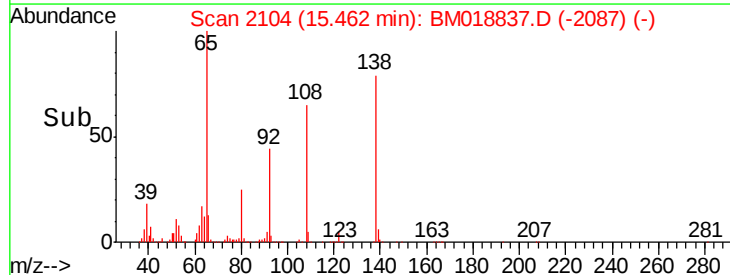
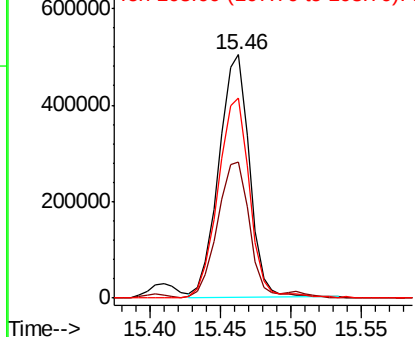


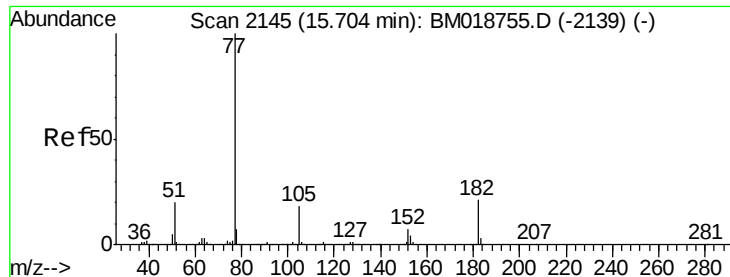
#62
4-Nitroaniline
Concen: 51.774 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion:138 Resp: 758878
Ion Ratio Lower Upper
138 100
92 55.9 35.5 75.5
108 82.2 62.4 102.4



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





#63

Azobenzene

Concen: 53.714 ng

RT: 15.70 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

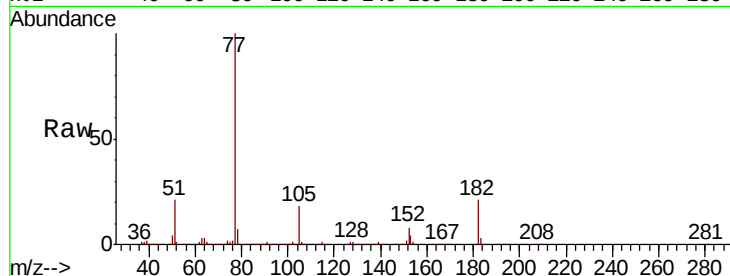
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 3629010

Ion	Ratio	Lower	Upper
77	100		
182	20.8	1.0	41.0
105	18.0	0.0	37.7
51	20.5	0.3	40.3

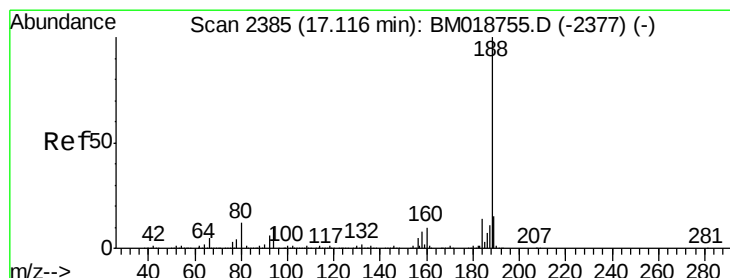
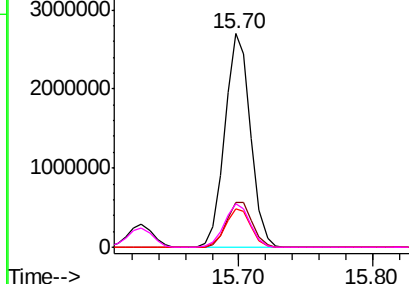
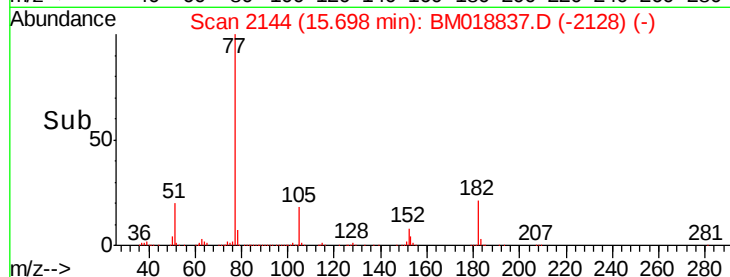


Abundance Ion 77.00 (76.70 to 77.70): BM018837.D (-2128) (-)

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM018837.D (-2128) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.11 min Scan# 2384

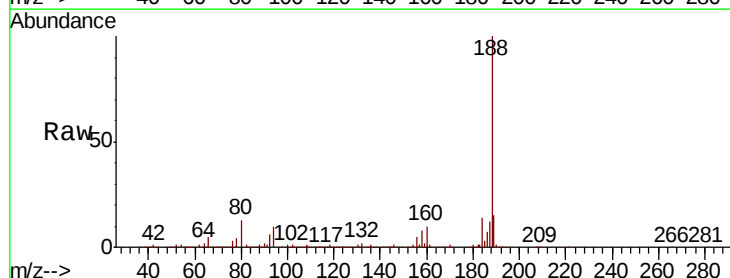
Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tgt Ion: 188 Resp: 1684475

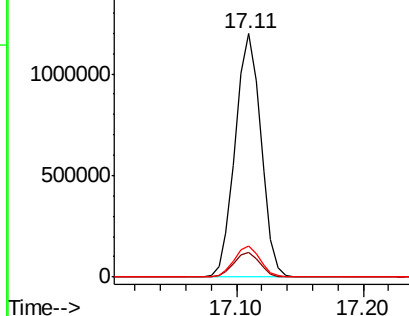
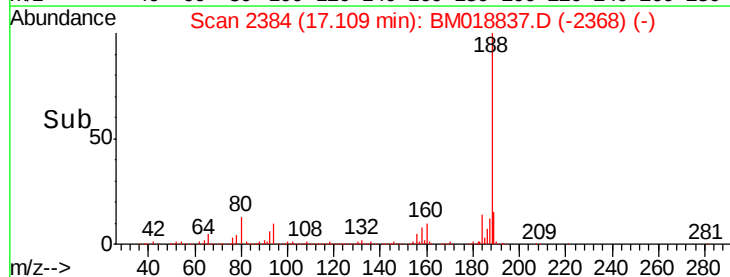
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	12.6	9.7	14.5

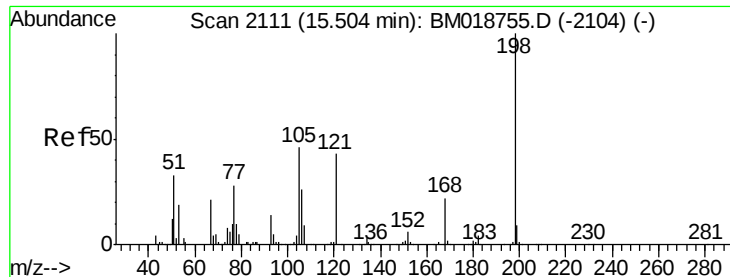


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM018837.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM018837.D (-2368) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 48.709 ng

RT: 15.50 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

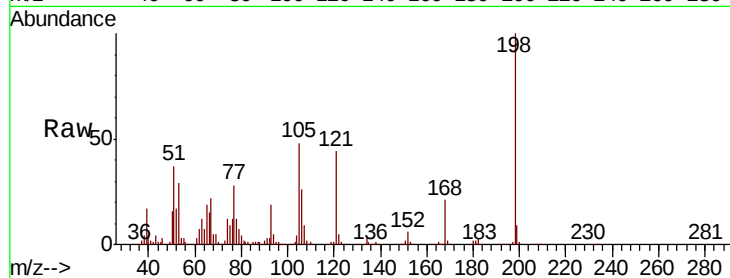
Instrument :

BNA_M

ClientSampleId :

Tot Ion:198 Resp: 576074

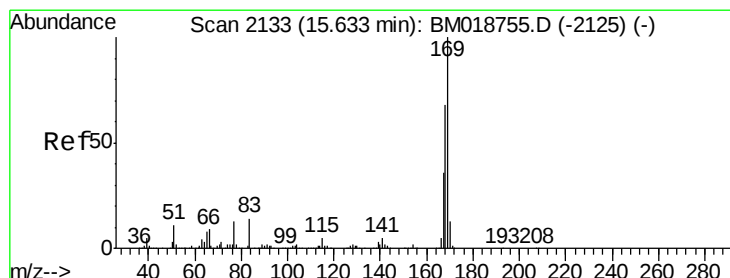
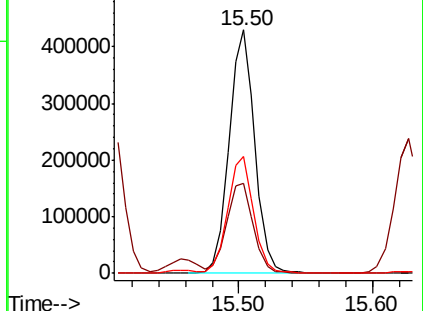
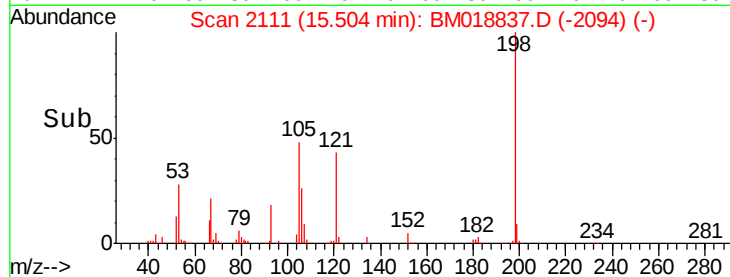
Ion	Ratio	Lower	Upper
198	100		
51	37.2	18.4	58.4
105	47.9	27.2	67.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.626 ng

RT: 15.63 min Scan# 2132

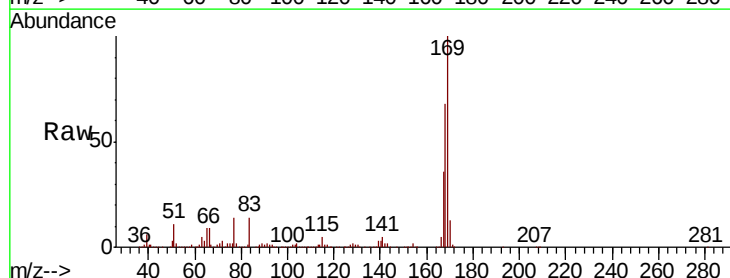
Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tgt Ion:169 Resp: 2747497

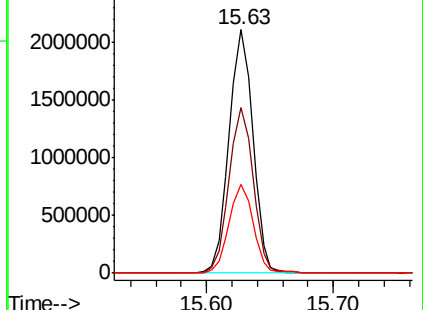
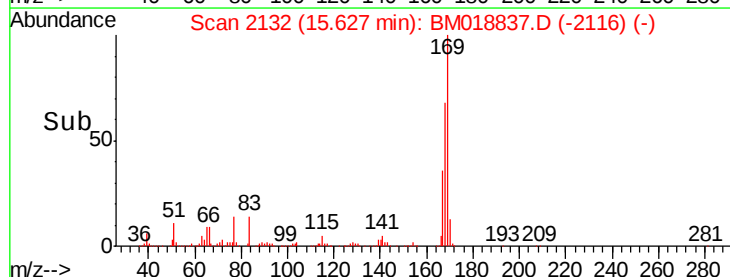
Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.4	81.6
167	36.4	29.0	43.6

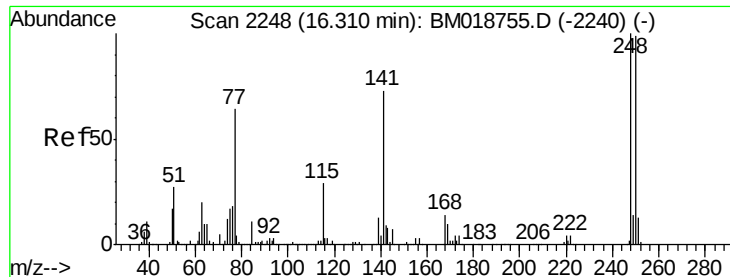


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

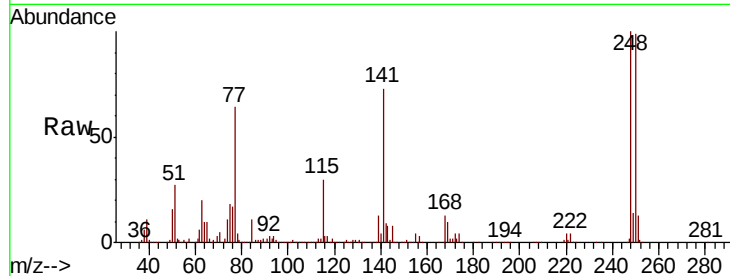




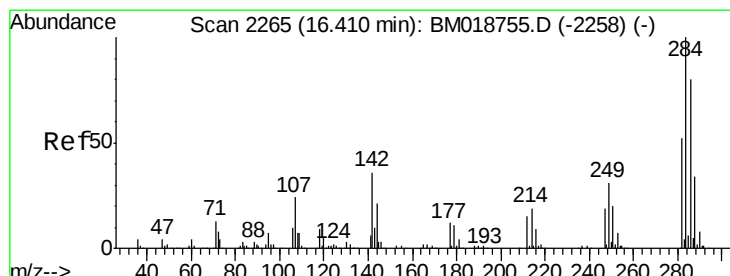
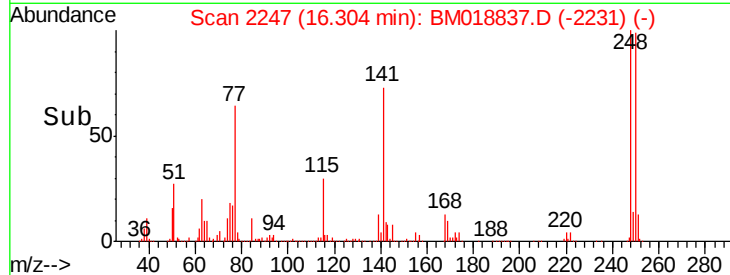
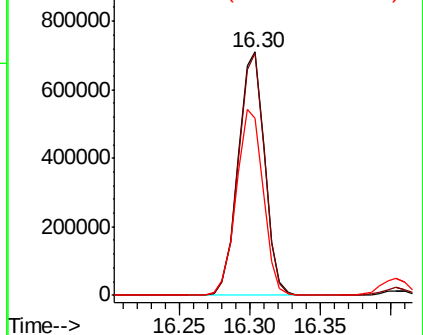
#67
4-Bromophenyl-phenylether
Concen: 49.132 ng
RT: 16.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 926369
Ion Ratio Lower Upper
248 100
250 99.4 79.0 118.6
141 72.7 58.6 88.0

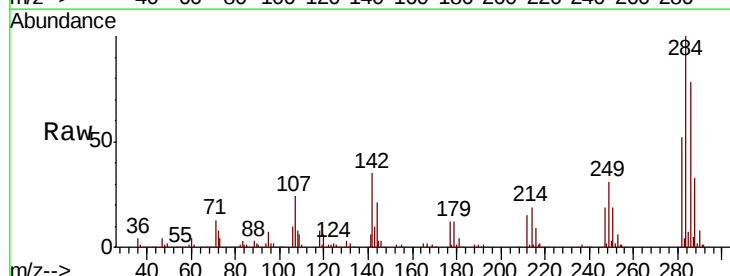


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

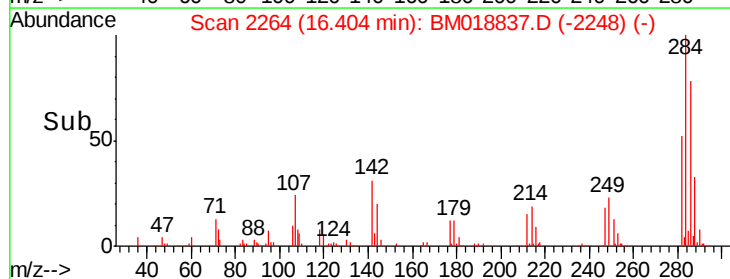
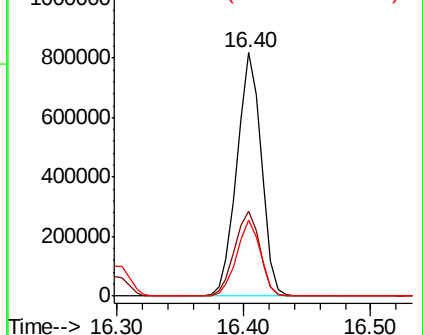


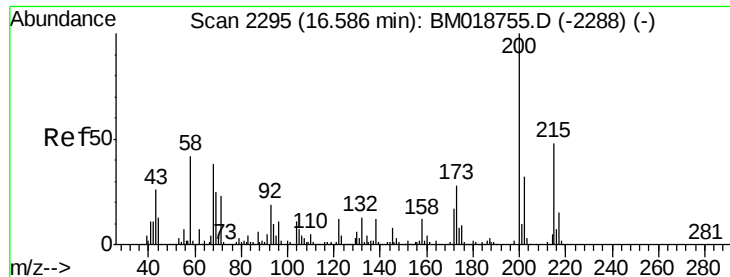
#68
Hexachlorobenzene
Concen: 49.502 ng
RT: 16.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion:284 Resp: 1084888
Ion Ratio Lower Upper
284 100
142 35.0 28.9 43.3
249 31.0 24.8 37.2



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





#69

Atrazine

Concen: 52.718 ng

RT: 16.59 min Scan# 2295

Delta R.T. -0.00 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampled :

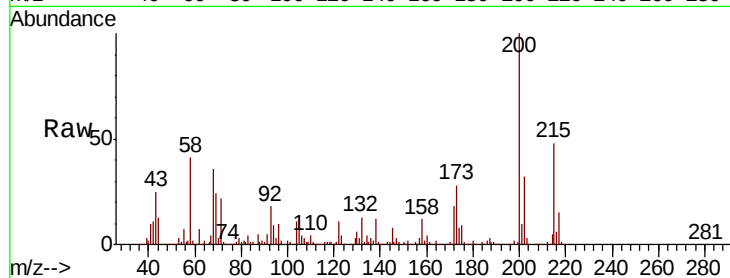
Tot Ion:200 Resp: 904494

Ion Ratio Lower Upper

200 100

173 27.9 7.6 47.6

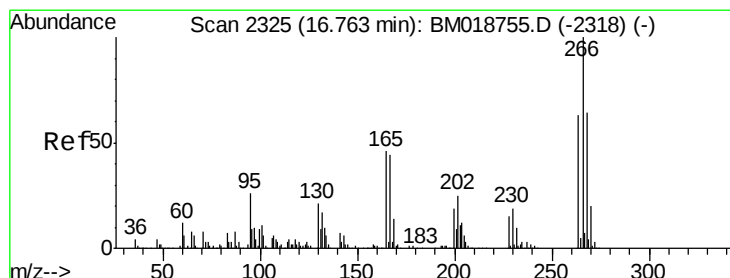
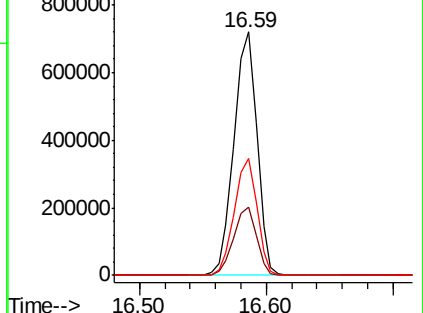
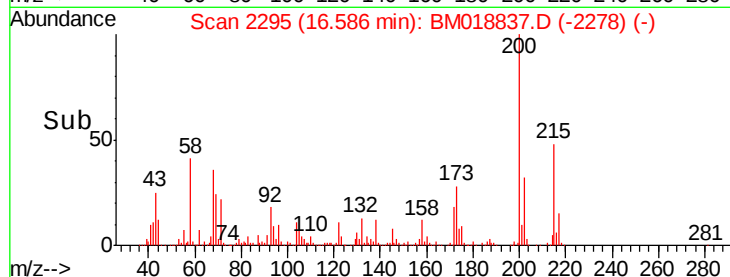
215 47.9 27.6 67.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 103.775 ng

RT: 16.76 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

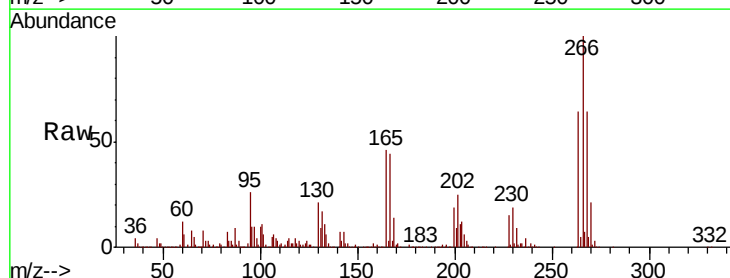
Tgt Ion:266 Resp: 1464379

Ion Ratio Lower Upper

266 100

268 64.4 51.3 76.9

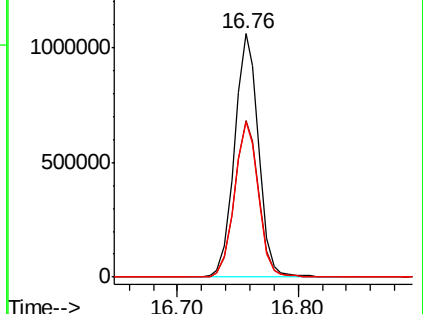
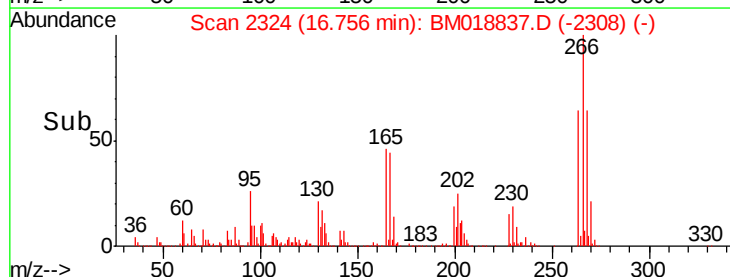
264 64.0 50.6 75.8

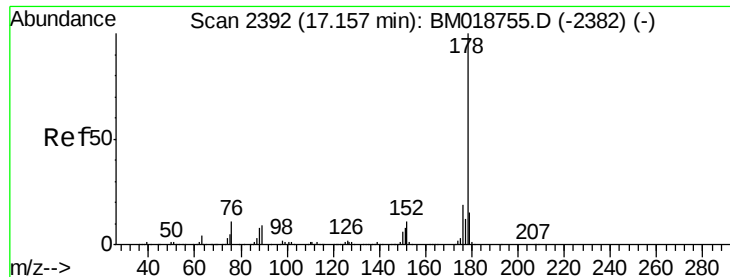


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

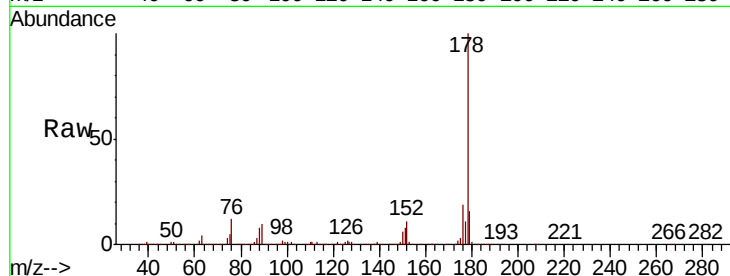




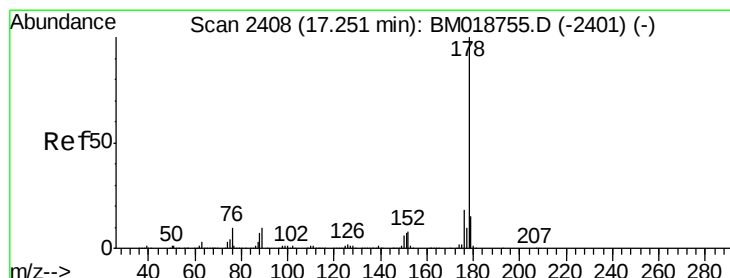
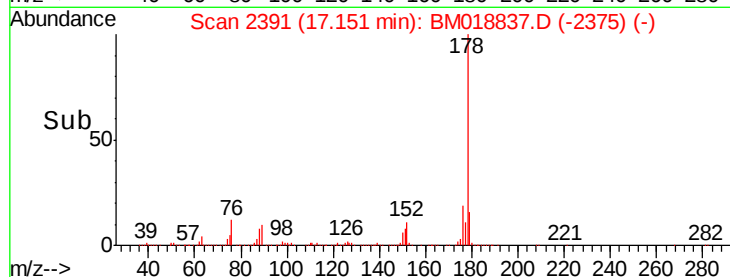
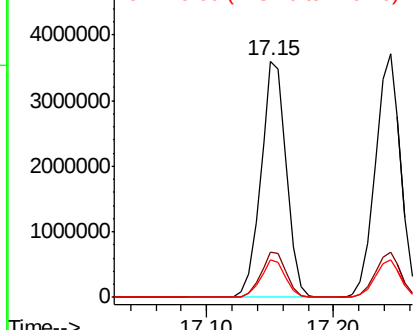
#71
Phenanthrene
Concen: 55.159 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:178 Resp: 4993338
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.6 12.3 18.5

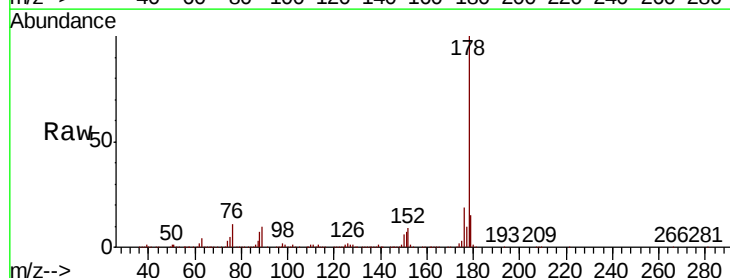


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

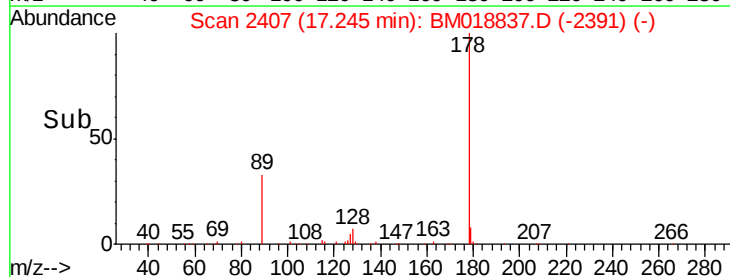
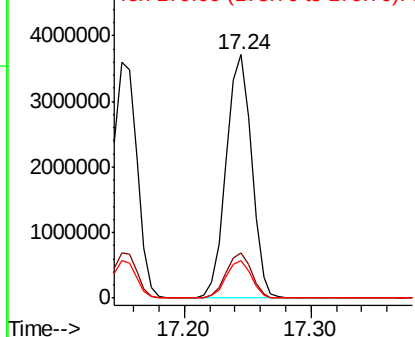


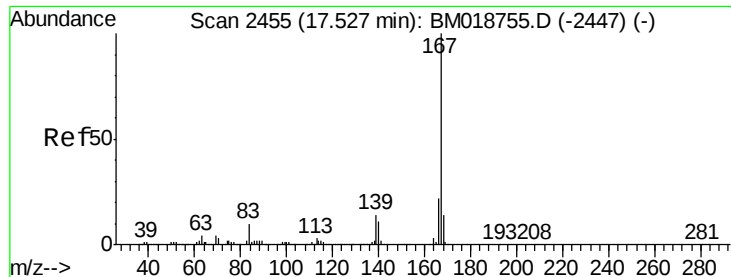
#72
Anthracene
Concen: 58.303 ng
RT: 17.24 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion:178 Resp: 5137221
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.4 12.1 18.1



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

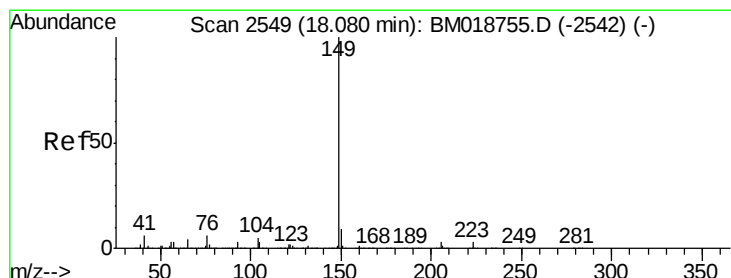
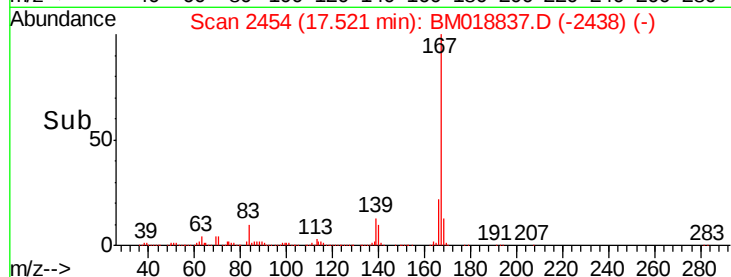
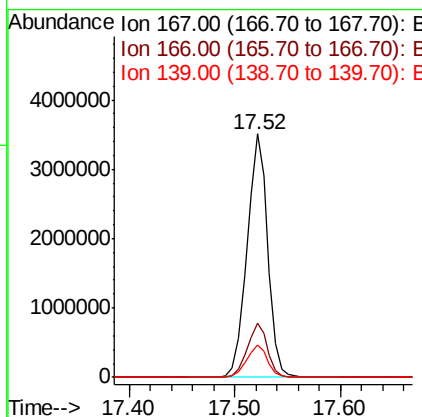
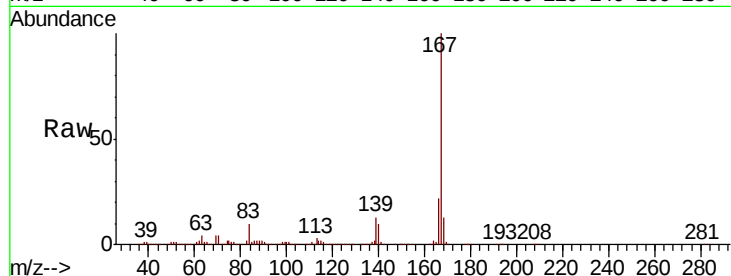




#73
 Carbazole
 Concen: 51.537 ng
 RT: 17.52 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

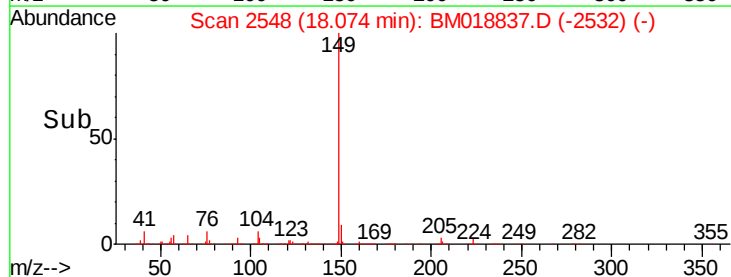
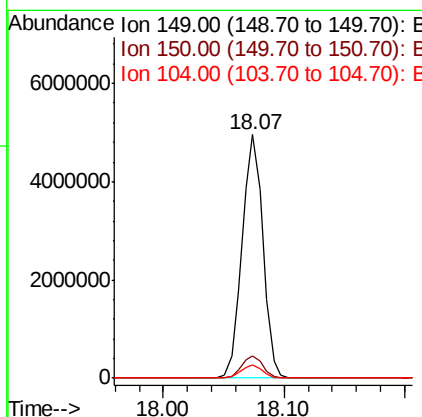
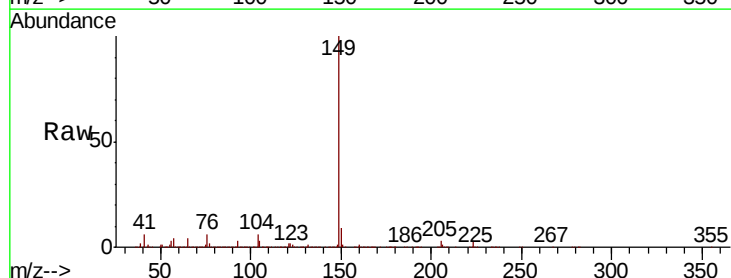
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 4744325
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 13.2 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 56.601 ng
 RT: 18.07 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

Tgt Ion:149 Resp: 5992343
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.6 4.3 6.5





#75

Fluoranthene

Concen: 56.897 ng

RT: 19.17 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

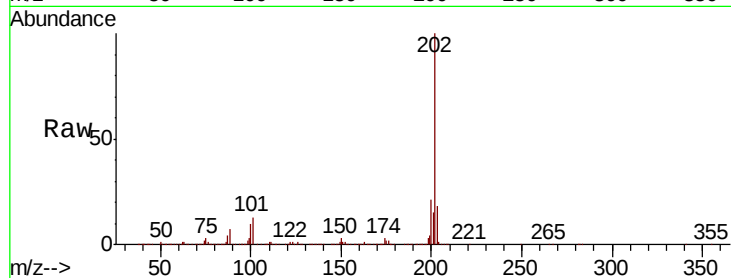
Tot Ion:202 Resp: 5949664

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.5

203 17.6 0.0 37.3

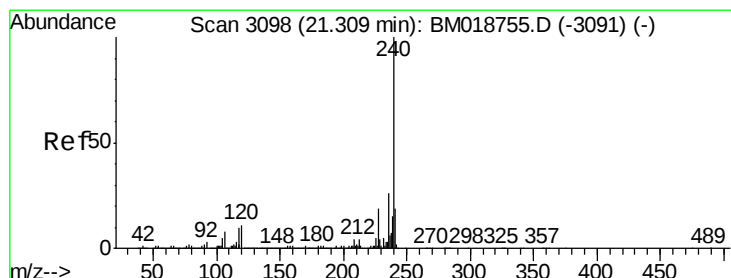
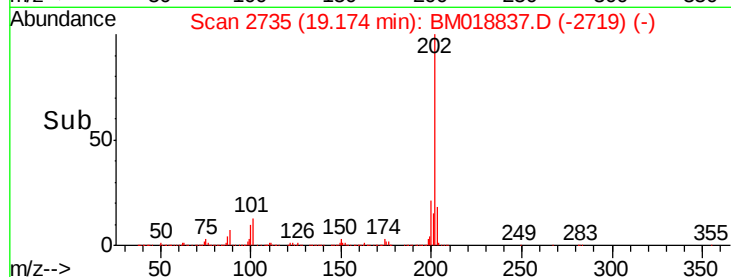
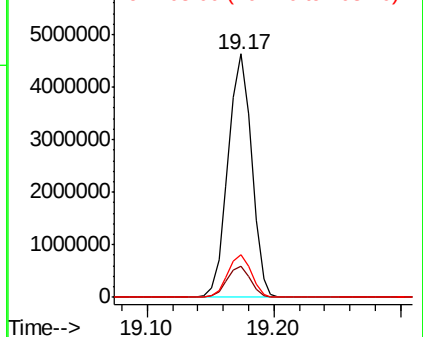


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

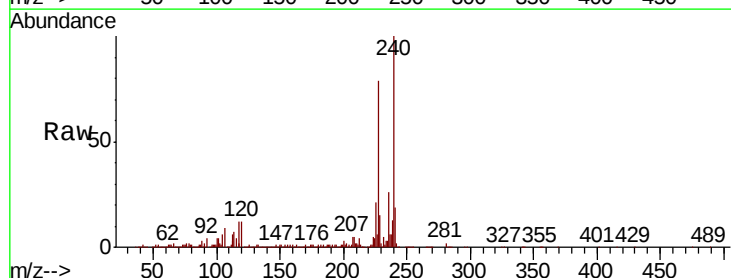
Tgt Ion:240 Resp: 1801584

Ion Ratio Lower Upper

240 100

120 12.5 8.9 13.3

236 26.4 20.9 31.3

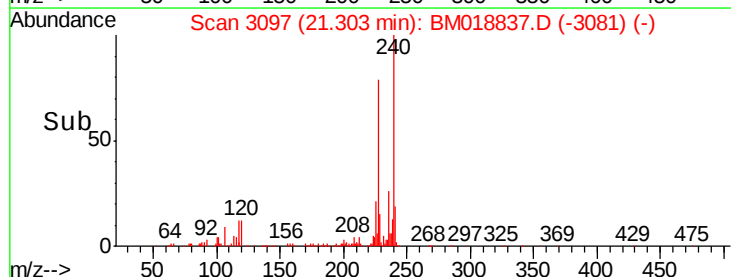
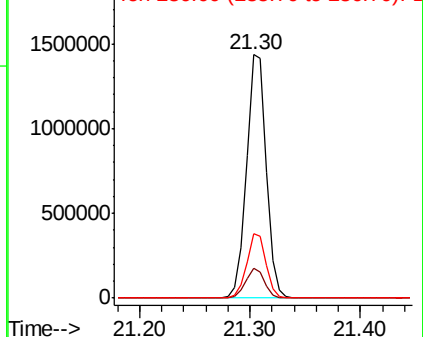


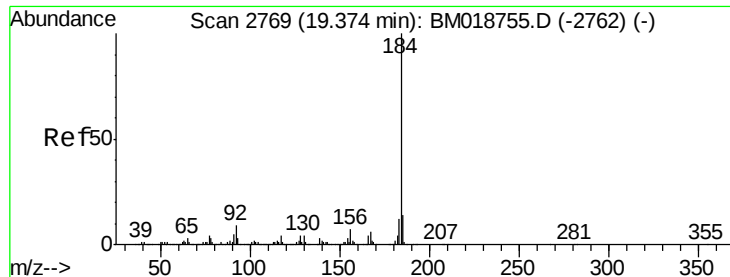
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 98.053 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

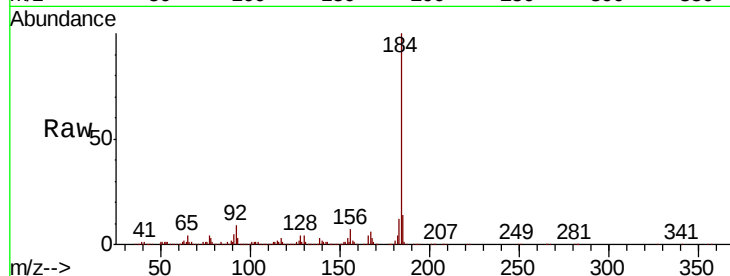
Tot Ion:184 Resp: 3978434

Ion Ratio Lower Upper

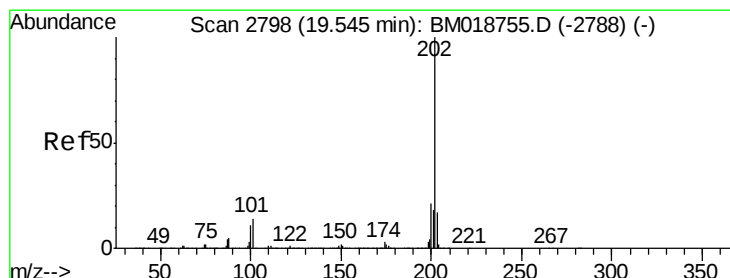
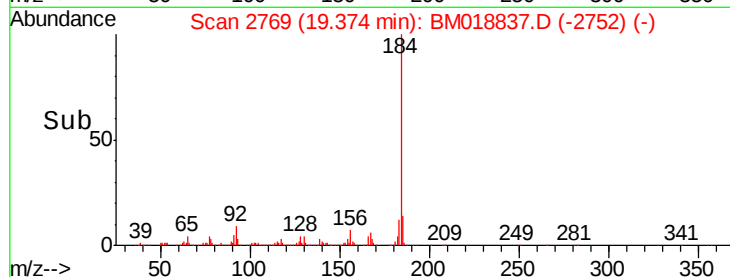
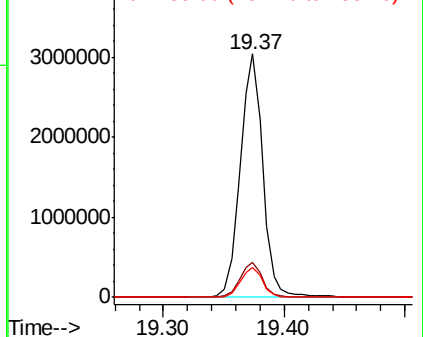
184 100

185 14.2 11.2 16.8

183 12.0 9.7 14.5



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



#78

Pyrene

Concen: 58.199 ng

RT: 19.54 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

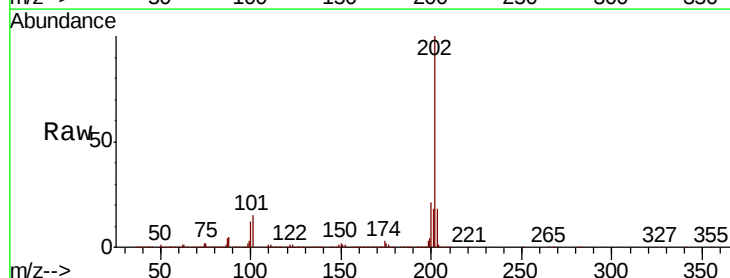
Tgt Ion:202 Resp: 6089583

Ion Ratio Lower Upper

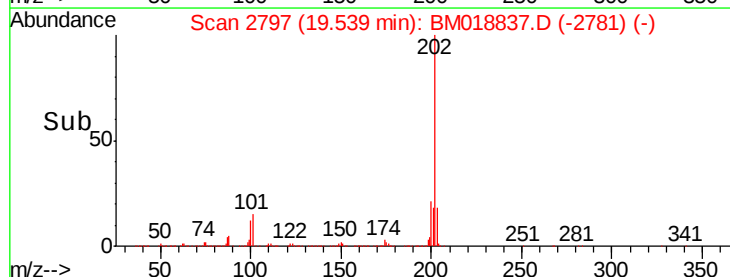
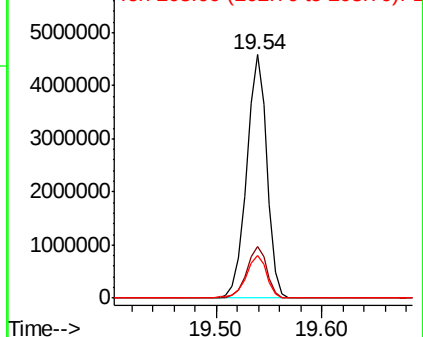
202 100

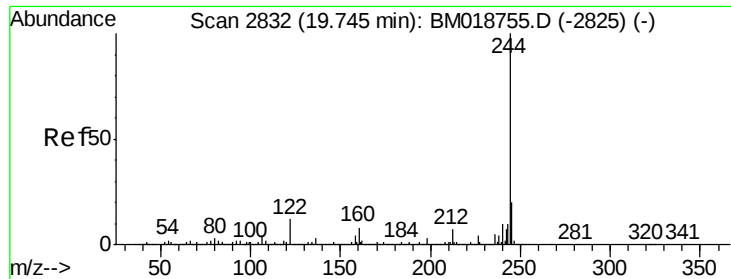
200 21.3 16.9 25.3

203 17.6 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

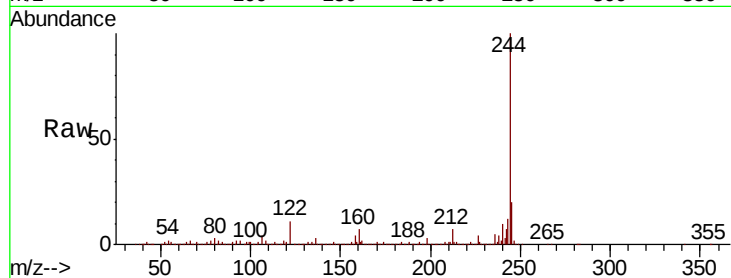




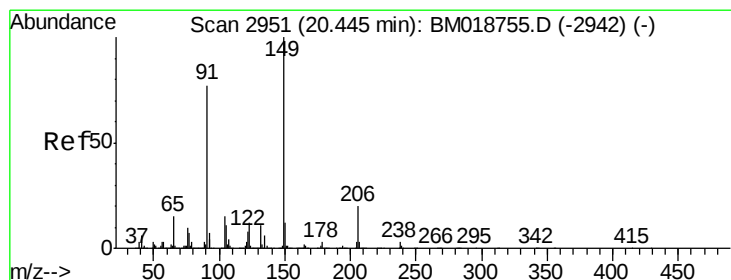
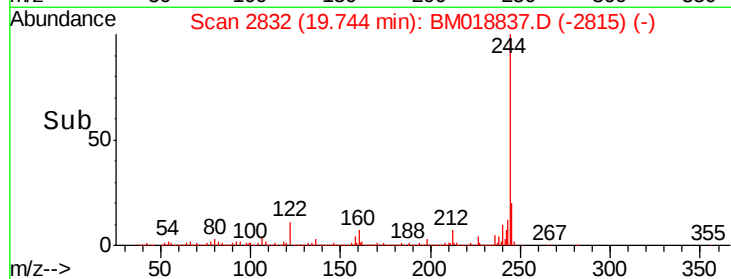
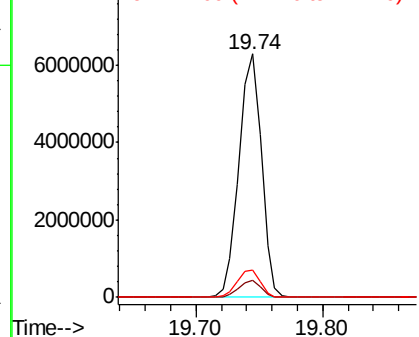
#79
 Terphenyl-d14
 Concen: 88.201 ng
 RT: 19.74 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 7702845
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.3 9.3 13.9

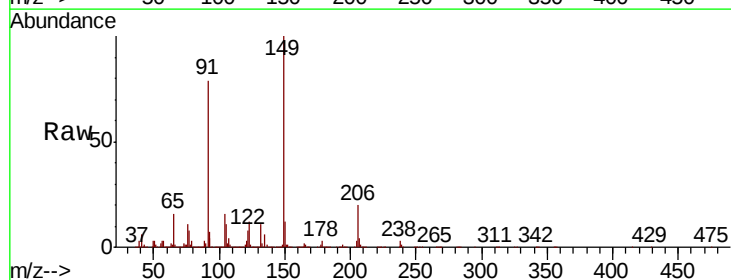


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

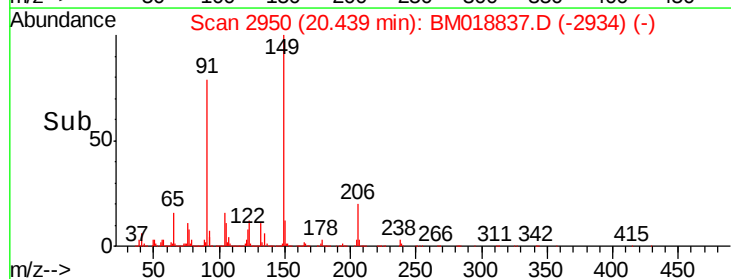
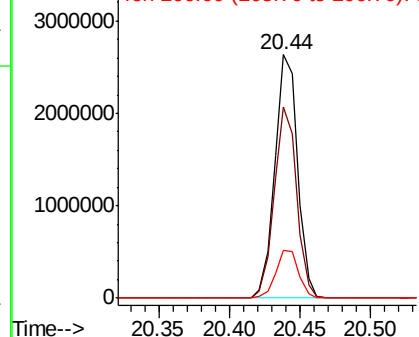


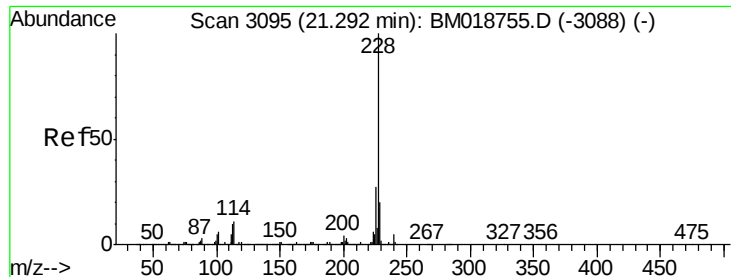
#80
 Butylbenzylphthalate
 Concen: 62.457 ng
 RT: 20.44 min Scan# 2950
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

Tgt Ion:149 Resp: 2978306
 Ion Ratio Lower Upper
 149 100
 91 78.7 61.4 92.0
 206 19.7 15.8 23.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 56.487 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

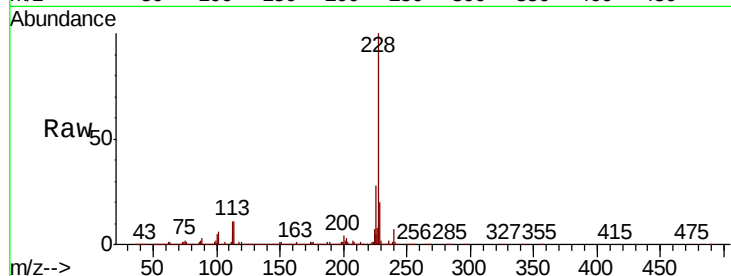
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 5932136

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.9	32.9
229	19.9	15.9	23.9

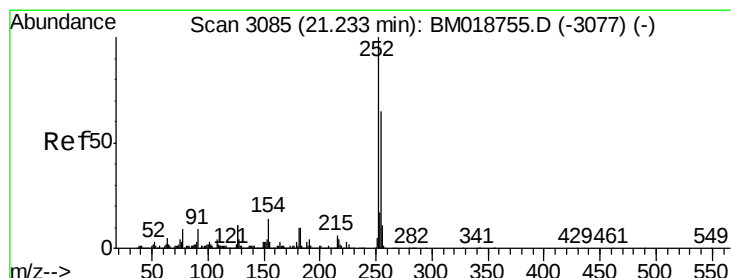
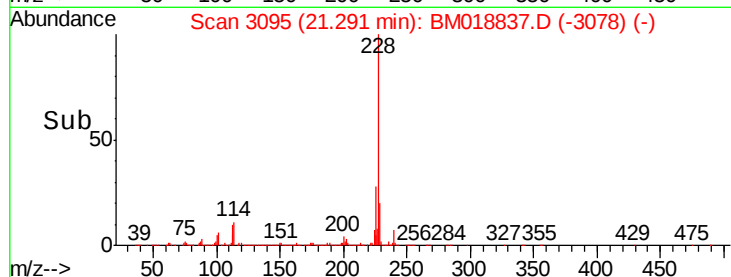
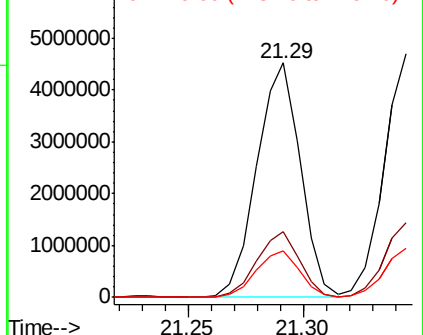


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 45.848 ng

RT: 21.23 min Scan# 3085

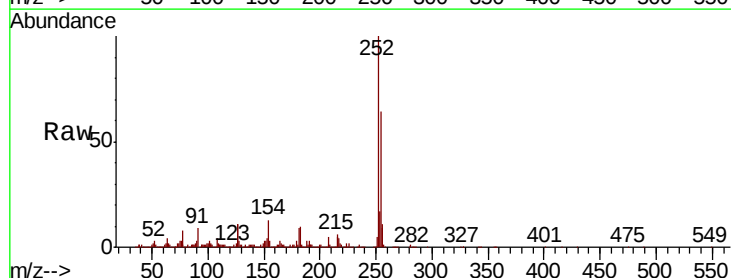
Delta R.T. -0.00 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tgt Ion:252 Resp: 1902885

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.8	77.8
126	10.8	9.1	13.7

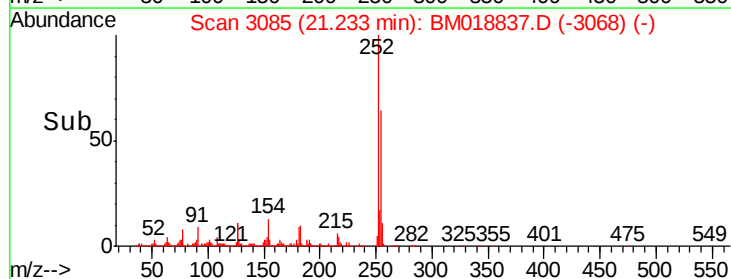
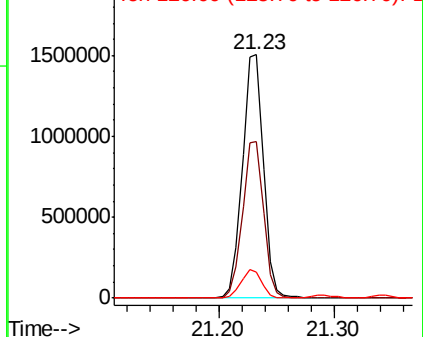


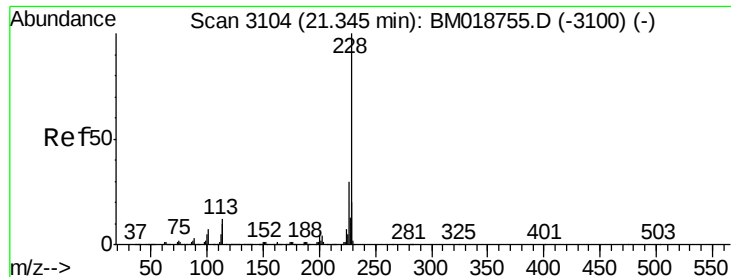
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

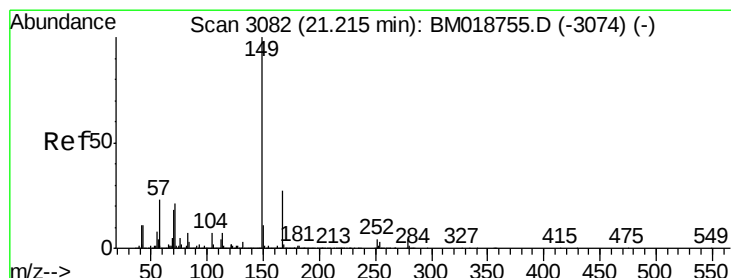
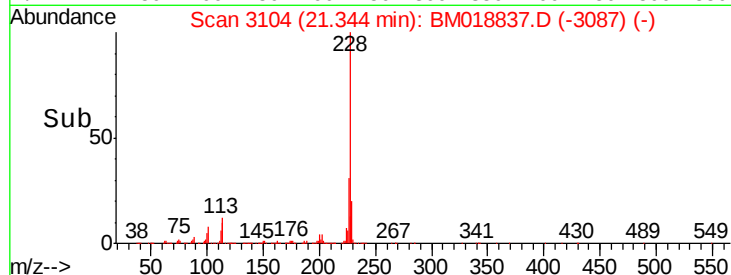
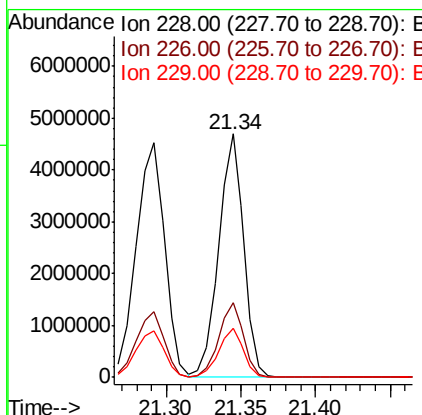
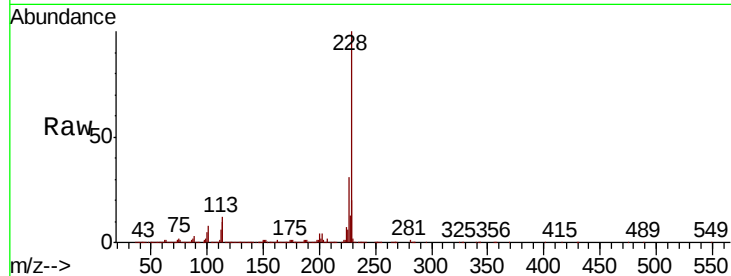




#83
 Chrysene
 Concen: 54.680 ng
 RT: 21.34 min Scan# 3104
 Delta R.T. -0.00 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

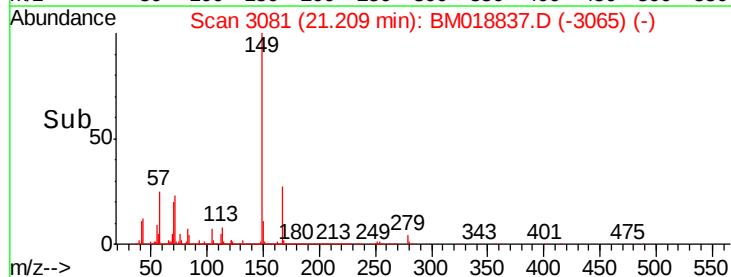
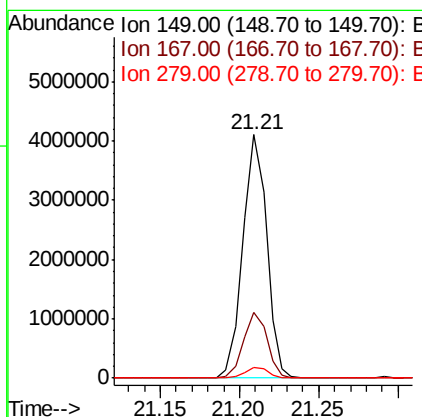
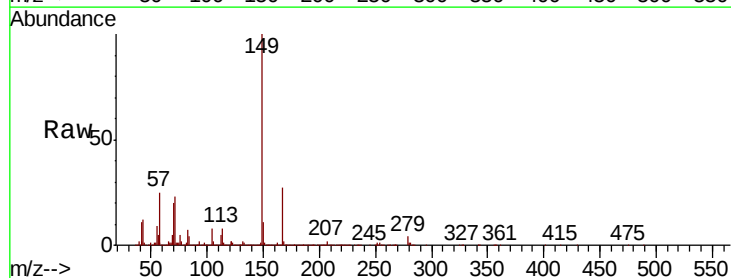
Instrument :
 BNA_M
 ClientSampleId :

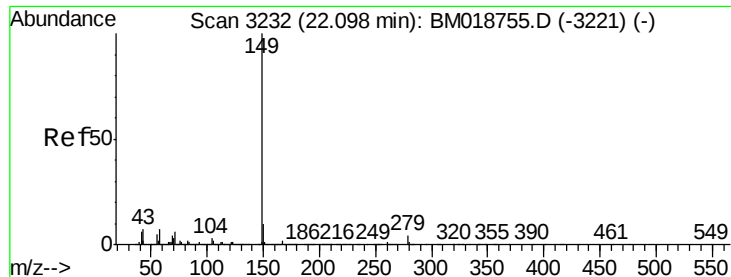
Tot Ion:228 Resp: 5503980
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.1 36.1
 229 20.1 16.0 24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 61.372 ng
 RT: 21.21 min Scan# 3081
 Delta R.T. -0.01 min
 Lab File: BM018837.D
 Acq: 18 Feb 2019 14:23

Tgt Ion:149 Resp: 4283356
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.8 32.6
 279 4.2 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 61.006 ng

RT: 22.09 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

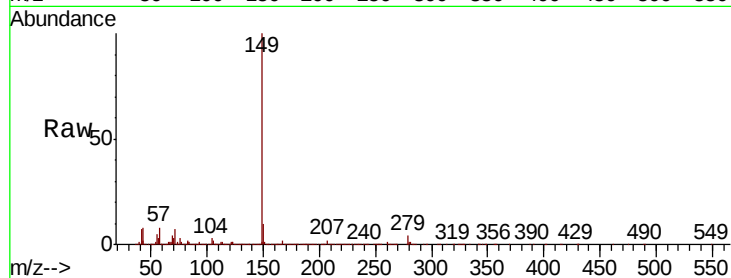
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 7156148

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.8	6.0	9.0

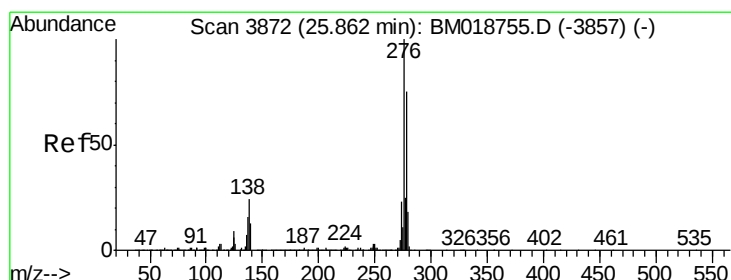
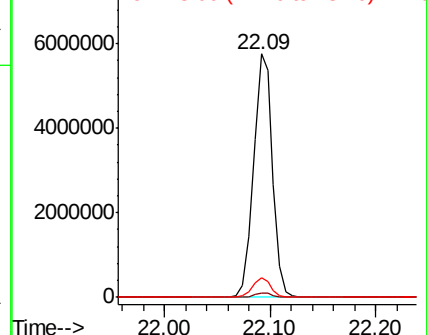
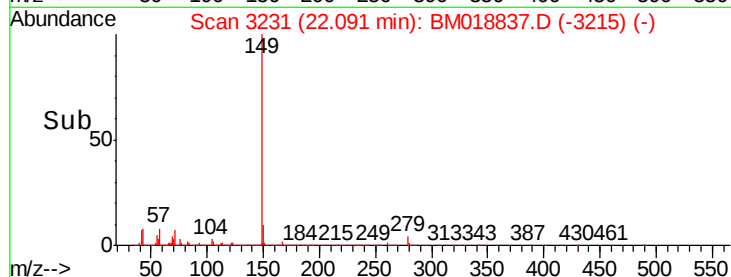


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.902 ng

RT: 25.86 min Scan# 3871

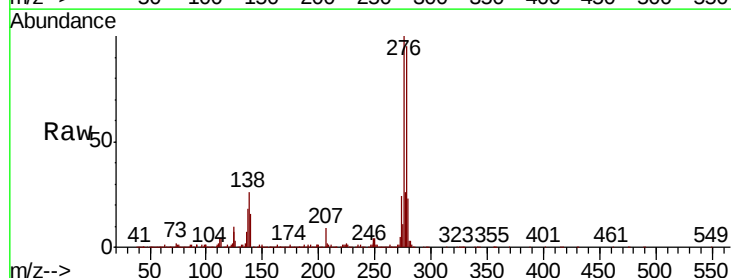
Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Tgt Ion:276 Resp: 5102064

Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.2	30.4
277	25.4	20.3	30.5

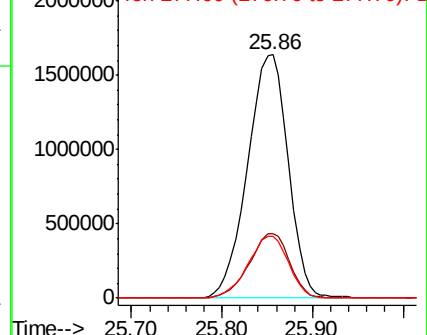
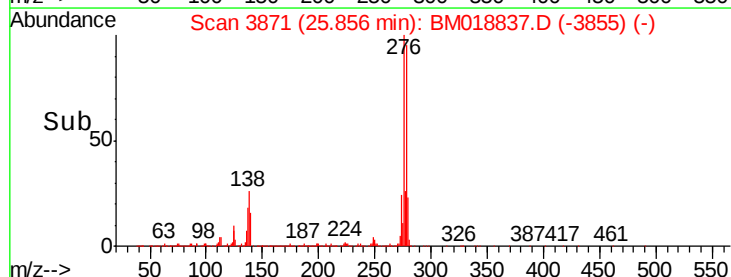


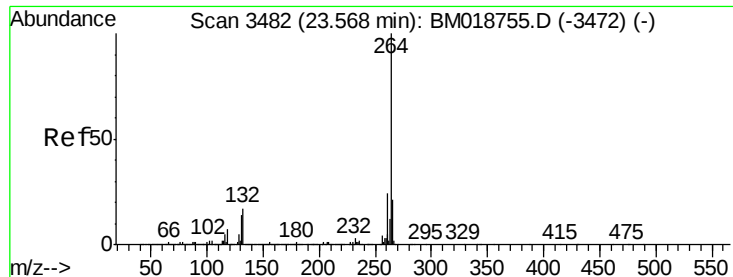
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampled :

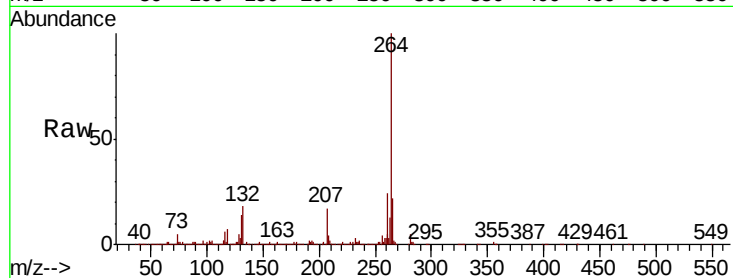
Tot Ion:264 Resp: 1550844

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.0	17.3	25.9

264 100

260 23.7 18.9 28.3

265 22.0 17.3 25.9

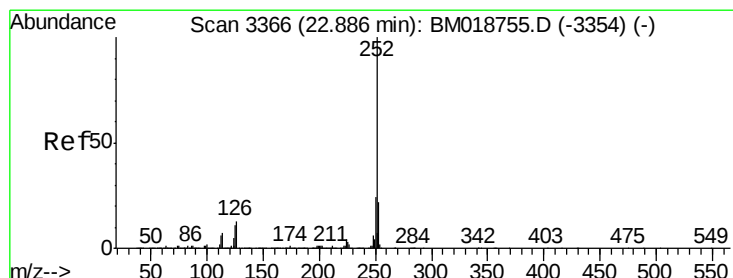
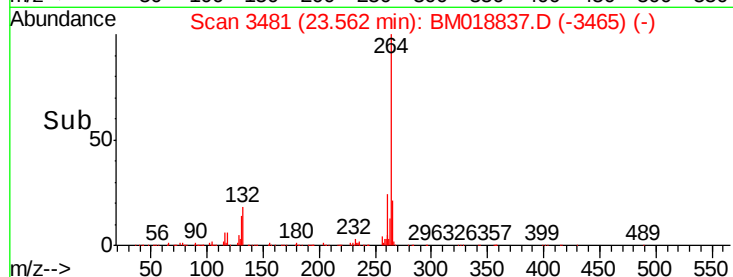
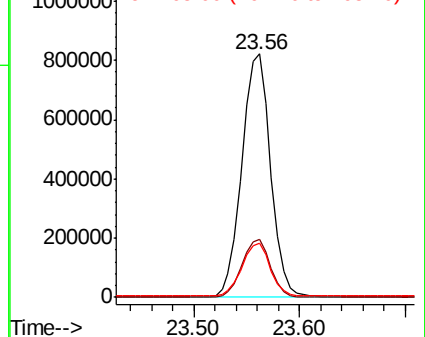


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 60.906 ng

RT: 22.88 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

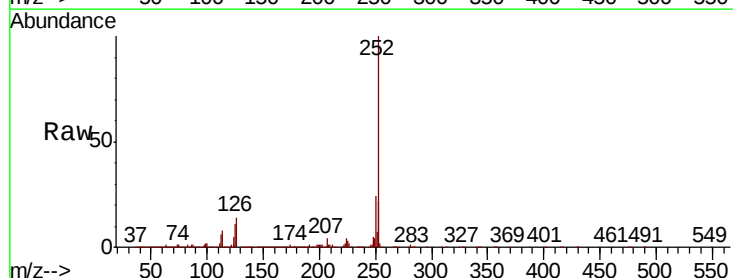
Tgt Ion:252 Resp: 5404179

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.9	8.6	12.8

252 100

253 21.9 17.8 26.6

125 10.9 8.6 12.8

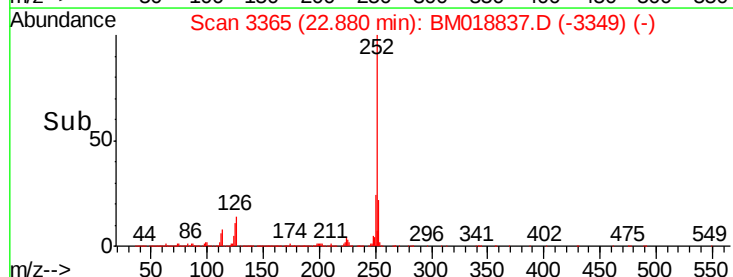
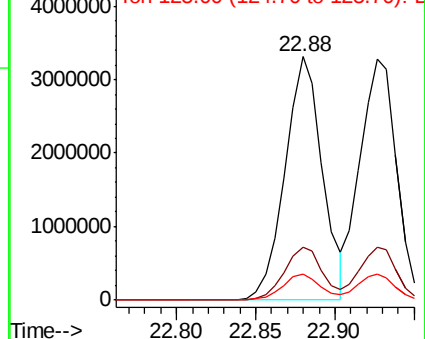


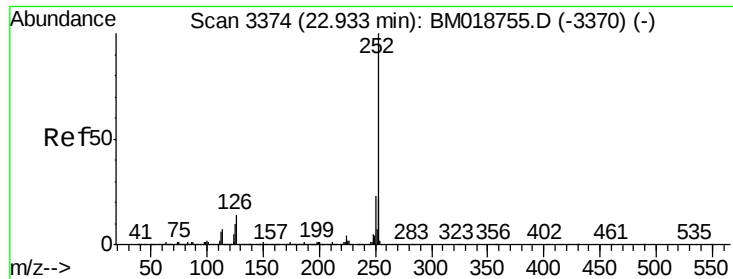
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

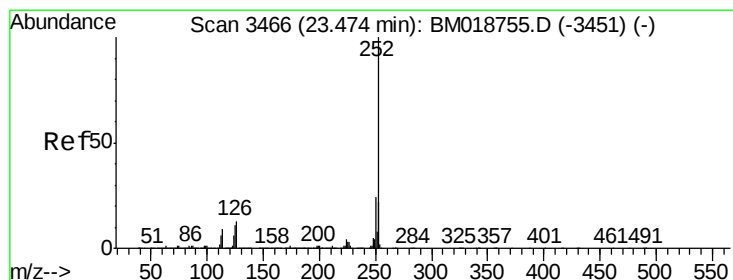
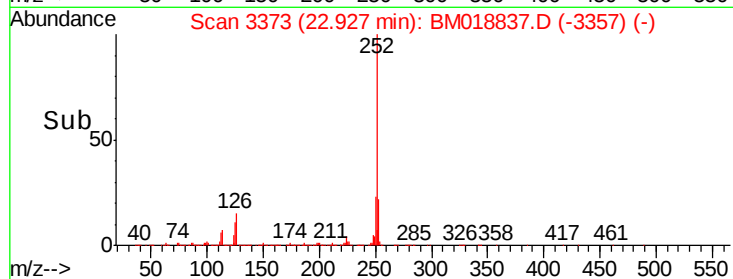
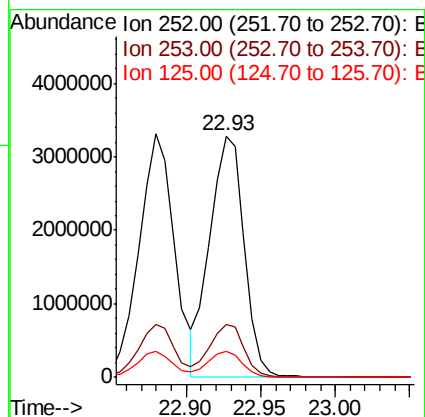
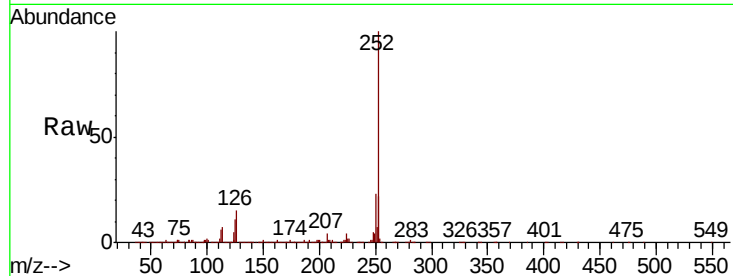




#89
Benzo(k)fluoranthene
Concen: 59.470 ng
RT: 22.93 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

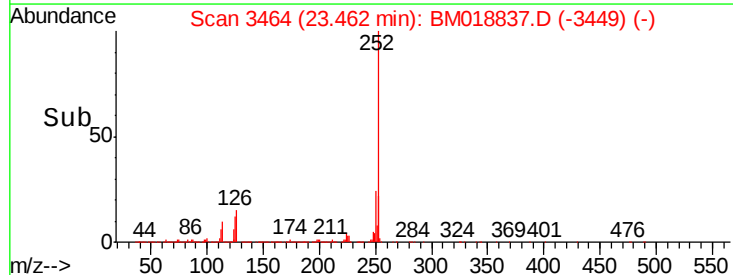
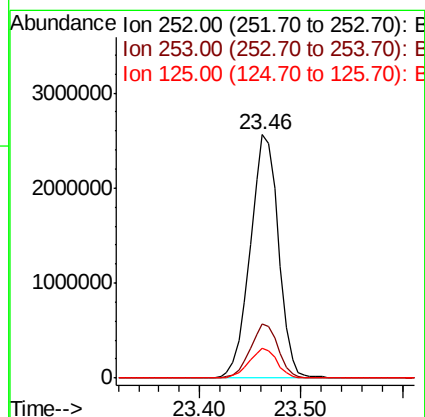
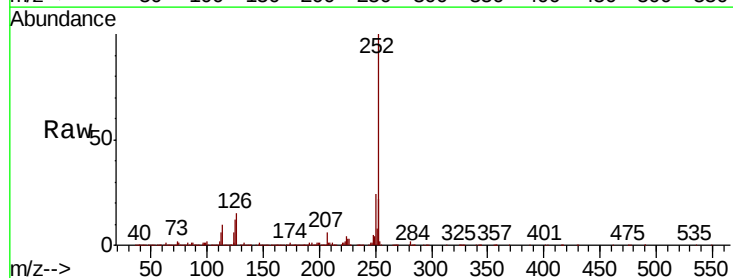
Instrument :
BNA_M
ClientSampleId :

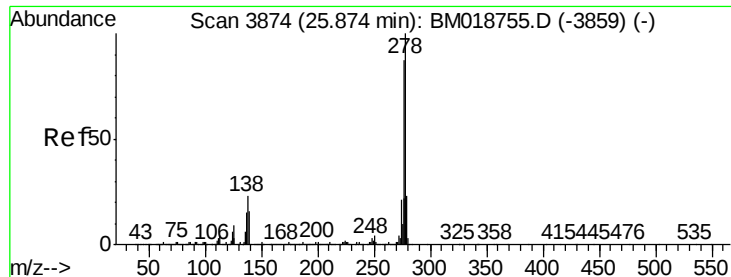
Tot Ion:252 Resp: 5253380
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.0 8.2 12.4



#90
Benzo(a)pyrene
Concen: 58.756 ng
RT: 23.46 min Scan# 3464
Delta R.T. -0.01 min
Lab File: BM018837.D
Acq: 18 Feb 2019 14:23

Tgt Ion:252 Resp: 4938797
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 12.1 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 52.409 ng

RT: 25.86 min Scan# 3872

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

Instrument :

BNA_M

ClientSampleId :

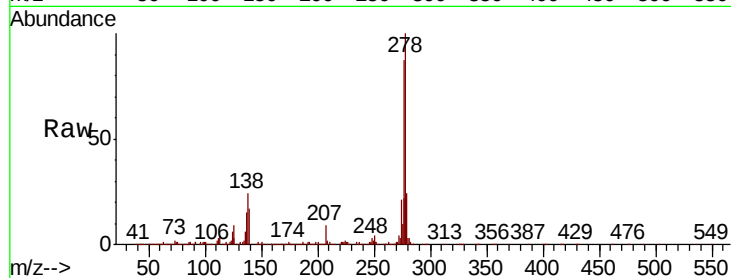
Tot Ion:278 Resp: 4364463

Ion Ratio Lower Upper

278 100

139 16.6 12.6 18.8

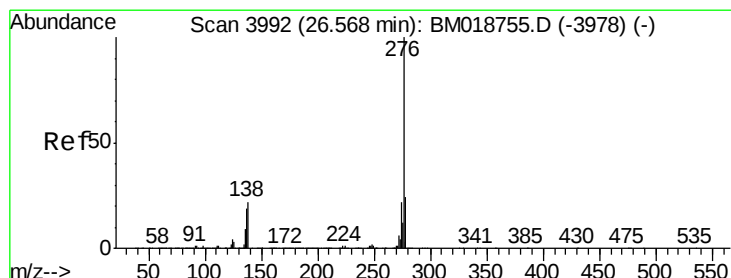
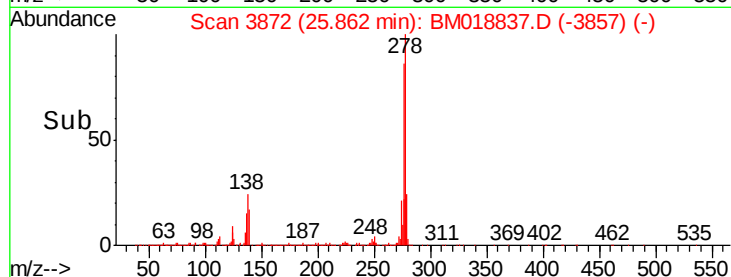
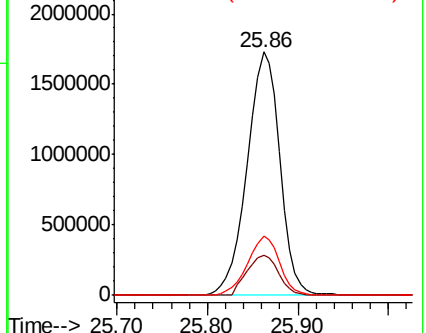
279 24.2 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.800 ng

RT: 26.56 min Scan# 3990

Delta R.T. -0.01 min

Lab File: BM018837.D

Acq: 18 Feb 2019 14:23

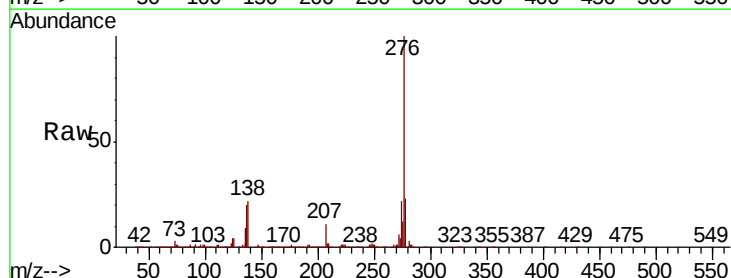
Tgt Ion:276 Resp: 4015984

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 21.9 17.3 25.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

