

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018260.D
 Acq On : 17 Dec 2018 23:07
 Operator : JU/SJ
 Sample : PB115777BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

Quant Time: Dec 18 00:53:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	125658	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	444188	20.00	ng	-0.01
39) Acenaphthene-d10	14.15	164	204838	20.00	ng	-0.01
64) Phenanthrene-d10	16.91	188	360113	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	362125	20.00	ng	-0.01
87) Perylene-d12	23.29	264	445998	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	569863	75.76	ng	0.00
7) Phenol-d6	6.69	99	719969	68.86	ng	-0.01
23) Nitrobenzene-d5	8.65	82	696506	80.43	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	186464	62.02	ng	-0.01
45) 2-Fluorobiphenyl	12.76	172	1324737	83.77	ng	-0.01
79) Terphenyl-d14	19.57	244	1117418	69.79	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.13	88	91872	30.832	ng	99
3) Pyridine	3.51	79	264609	30.185	ng	98
4) n-Nitrosodimethylamine	3.43	42	110414	36.593	ng	# 99
6) Aniline	6.84	93	187316	14.282	ng	99
8) 2-Chlorophenol	7.06	128	287110	32.305	ng	97
9) Benzaldehyde	6.66	77	90884	14.261	ng	98
10) Phenol	6.72	94	352262	31.814	ng	99
11) bis(2-Chloroethyl)ether	6.94	93	264845	30.096	ng	98
12) 1,3-Dichlorobenzene	7.38	146	311572	31.394	ng	98
13) 1,4-Dichlorobenzene	7.53	146	316007	31.356	ng	98
14) 1,2-Dichlorobenzene	7.83	146	302728	31.160	ng	98
15) Benzyl Alcohol	7.75	79	250963	29.458	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.03	45	222182	28.056	ng	93
17) 2-Methylphenol	7.95	107	230090	31.121	ng	96
18) Hexachloroethane	8.54	117	118475	32.073	ng	92
19) n-Nitroso-di-n-propylamine	8.30	70	218275	27.960	ng	99
20) 3+4-Methylphenols	8.28	107	299134	28.874	ng	98
22) Acetophenone	8.32	105	420832	35.801	ng	99
24) Nitrobenzene	8.69	77	325734	37.645	ng	96
25) Isophorone	9.21	82	549327	38.102	ng	98
26) 2-Nitrophenol	9.39	139	140449	33.094	ng	90
27) 2,4-Dimethylphenol	9.46	122	235043	38.428	ng	99
28) bis(2-Chloroethoxy)methane	9.70	93	338111	35.978	ng	99
29) 2,4-Dichlorophenol	9.93	162	230749	34.026	ng	98
30) 1,2,4-Trichlorobenzene	10.12	180	274161	35.542	ng	95
31) Naphthalene	10.31	128	802182	36.933	ng	100
32) Benzoic acid	9.62	122	121923	21.051	ng	90
33) 4-Chloroaniline	10.45	127	59759	6.281	ng	99
34) Hexachlorobutadiene	10.57	225	172543	35.367	ng	99
35) Caprolactam	11.25	113	59668	23.091	ng	94
36) 4-Chloro-3-methylphenol	11.58	107	238693	29.293	ng	98
37) 2-Methylnaphthalene	11.93	142	555117	36.242	ng	97
38) 1-Methylnaphthalene	12.16	142	512993	34.322	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.31	216	275941	39.175	ng	98

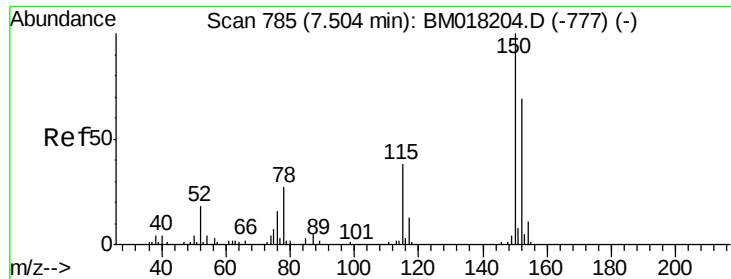
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
 Data File : BM018260.D
 Acq On : 17 Dec 2018 23:07
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 QLast Update : Sat Dec 15 21:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	253275	81.896	ng	98
43) 2,4,6-Trichlorophenol	12.57	196	168266	37.141	ng	93
44) 2,4,5-Trichlorophenol	12.65	196	170120	35.371	ng	97
46) 1,1'-Biphenyl	12.97	154	660536	35.844	ng	98
47) 2-Chloronaphthalene	13.01	162	506881	37.371	ng	97
48) 2-Nitroaniline	13.25	65	141822	33.944	ng	97
49) Acenaphthylene	13.87	152	780930	38.207	ng	98
50) Dimethylphthalate	13.62	163	573775	33.693	ng	98
51) 2,6-Dinitrotoluene	13.75	165	124399	33.229	ng	93
52) Acenaphthene	14.22	154	448224	35.883	ng	99
53) 3-Nitroaniline	14.09	138	55650	14.126	ng	95
54) 2,4-Dinitrophenol	14.31	184	94030	45.533	ng	94
55) Dibenzofuran	14.56	168	689791	34.367	ng	98
56) 4-Nitrophenol	14.42	139	157762	52.817	ng	95
57) 2,4-Dinitrotoluene	14.56	165	162856	31.472	ng	89
58) Fluorene	15.21	166	541728	34.945	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.79	232	140094	32.343	ng	# 97
60) Diethylphthalate	15.00	149	561488	30.552	ng	98
61) 4-Chlorophenyl-phenylether	15.21	204	283420	32.327	ng	97
62) 4-Nitroaniline	15.26	138	89245	23.874	ng	87
63) Azobenzene	15.50	77	572390	34.158	ng	98
65) 4,6-Dinitro-2-methylphenol	15.33	198	68589	25.872	ng	96
66) n-Nitrosodiphenylamine	15.43	169	461223	38.731	ng	99
67) 4-Bromophenyl-phenylether	16.11	248	161072	36.932	ng	98
68) Hexachlorobenzene	16.22	284	174287	36.477	ng	99
69) Atrazine	16.40	200	153474	38.176	ng	97
70) Pentachlorophenol	16.57	266	184065	58.331	ng	98
71) Phenanthrene	16.96	178	738583	37.759	ng	98
72) Anthracene	17.04	178	754578	38.885	ng	99
73) Carbazole	17.33	167	624387	31.348	ng	99
74) Di-n-butylphthalate	17.90	149	807079	32.840	ng	99
75) Fluoranthene	18.99	202	748061	32.893	ng	98
77) Benzidine	19.20	184	327228	35.635	ng	98
78) Pyrene	19.35	202	776956	36.008	ng	99
80) Butylbenzylphthalate	20.28	149	331655	32.309	ng	97
81) Benzo(a)anthracene	21.12	228	792933	37.485	ng	99
82) 3,3'-Dichlorobenzidine	21.06	252	251620	29.774	ng	96
83) Chrysene	21.17	228	757821	37.246	ng	99
84) Bis(2-ethylhexyl)phthalate	21.06	149	483294	31.591	ng	97
85) Di-n-octyl phthalate	21.92	149	852303	34.018	ng	100
86) Indeno(1,2,3-cd)pyrene	25.43	276	1197706	59.094	ng	99
88) Benzo(b)fluoranthene	22.66	252	898114	35.849	ng	99
89) Benzo(k)fluoranthene	22.70	252	900545	36.094	ng	98
90) Benzo(a)pyrene	23.20	252	913491	38.338	ng	98
91) Dibenzo(a,h)anthracene	25.44	278	1015951	46.029	ng	97
92) Benzo(g,h,i)perylene	26.08	276	1009555	48.387	ng	97

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

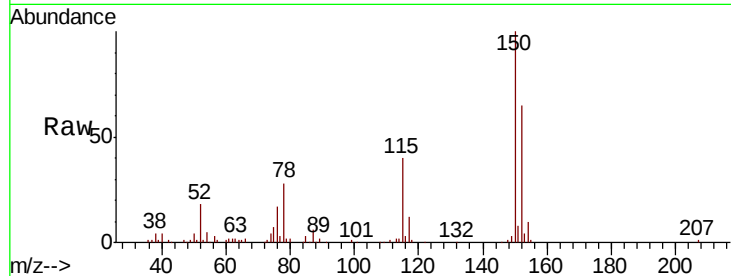


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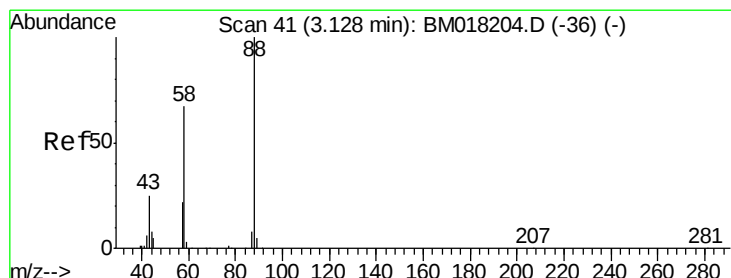
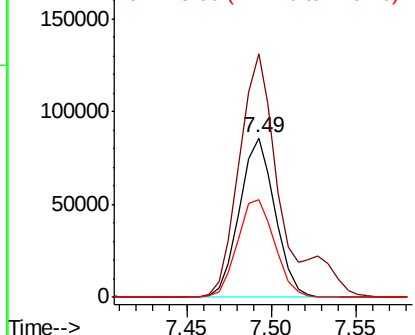
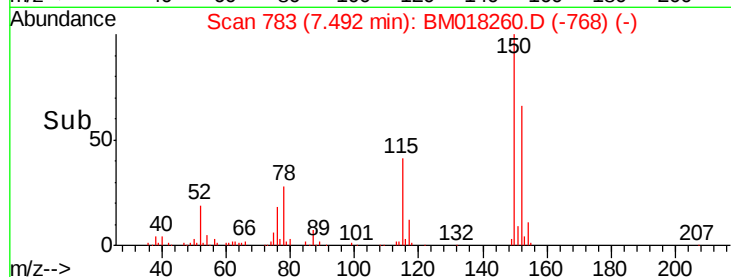
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion:152 Resp: 125658
Ion Ratio Lower Upper
152 100
150 152.8 116.1 174.1
115 61.5 44.6 67.0



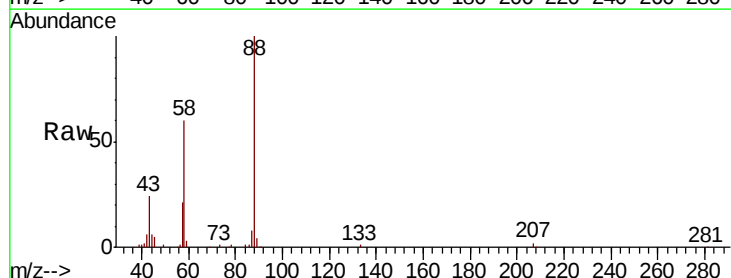
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



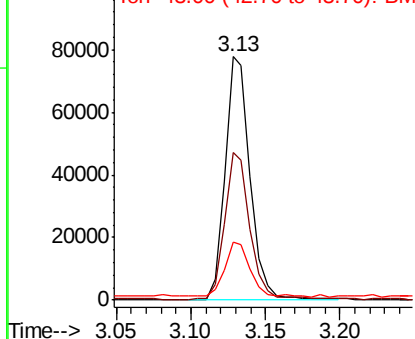
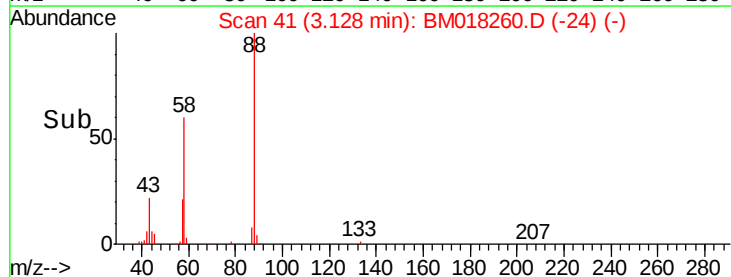
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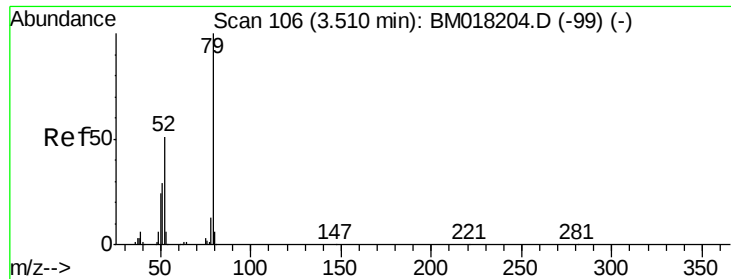
1,4-Dioxane
Concen: 30.832 ng
RT: 3.13 min Scan# 41
Delta R.T. -0.00 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion: 88 Resp: 91872
Ion Ratio Lower Upper
88 100
58 61.7 49.8 74.6
43 22.1 19.1 28.7



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

Pyridine

Concen: 30.185 ng

RT: 3.51 min Scan# 106

Delta R.T. -0.00 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

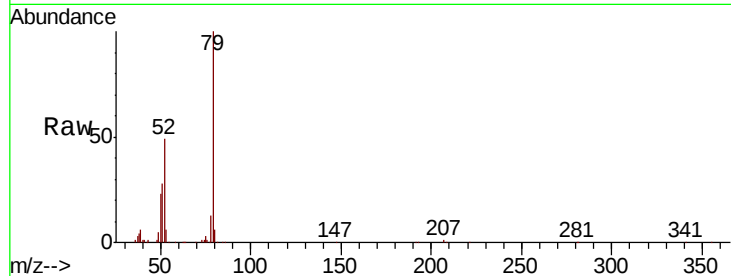
Tgt Ion: 79 Resp: 264609

Ion Ratio Lower Upper

79 100

52 49.0 40.7 61.1

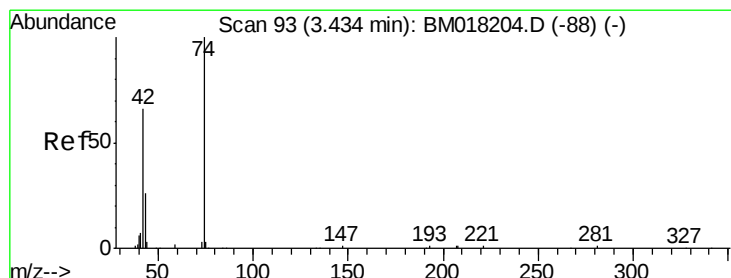
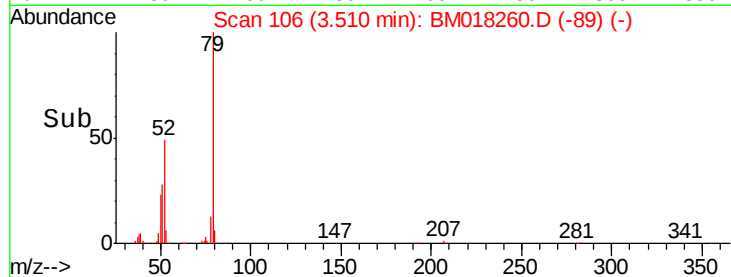
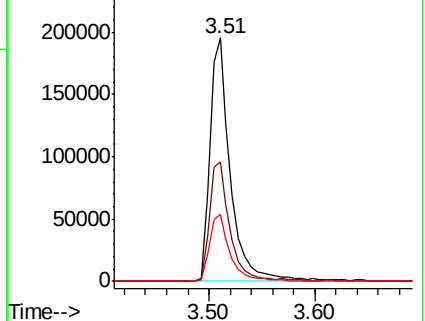
51 27.7 23.0 34.6



Abundance Ion 79.00 (78.70 to 79.70): BM018260.D (-99) (-)

Ion 52.00 (51.70 to 52.70): BM018260.D (-99) (-)

Ion 51.00 (50.70 to 51.70): BM018260.D (-99) (-)



#4

n-Nitrosodimethylamine

Concen: 36.593 ng

RT: 3.43 min Scan# 92

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

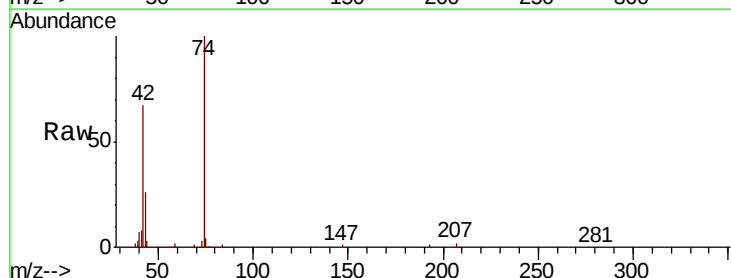
Tgt Ion: 42 Resp: 110414

Ion Ratio Lower Upper

42 100

74 149.3 120.4 180.6

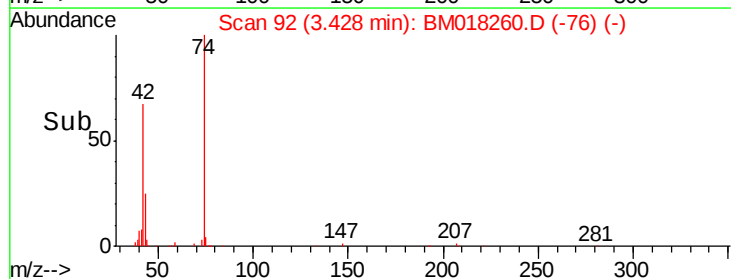
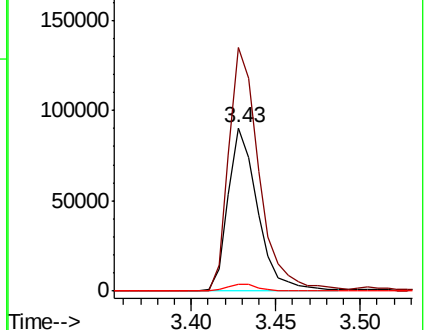
44 4.3 4.6 7.0#

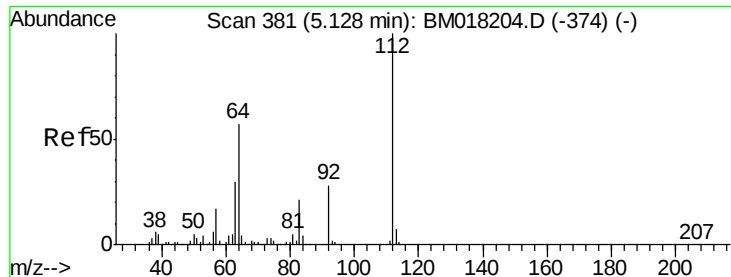


Abundance Ion 42.00 (41.70 to 42.70): BM018260.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM018260.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM018260.D (-88) (-)





#5

2-Fluorophenol

Concen: 75.757 ng

RT: 5.13 min Scan# 381

Delta R.T. -0.00 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampled :

PB115777BS

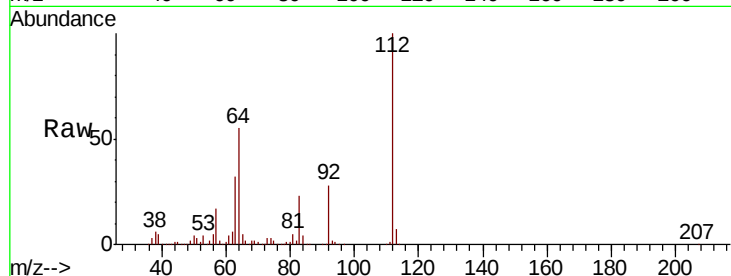
Tgt Ion: 112 Resp: 569863

Ion Ratio Lower Upper

112 100

64 55.2 45.4 68.2

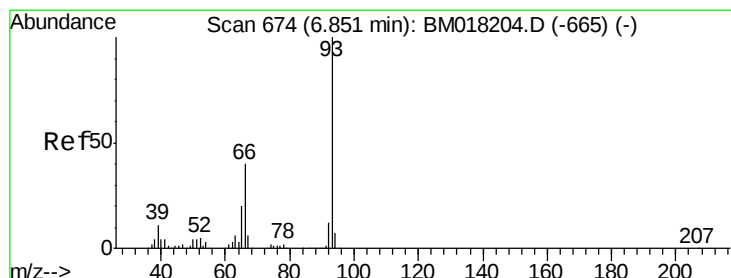
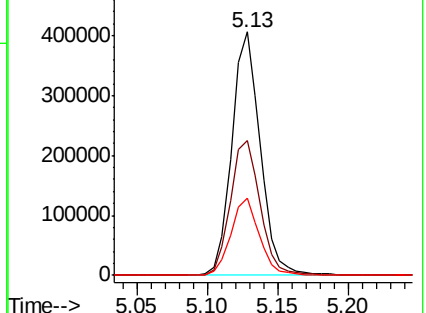
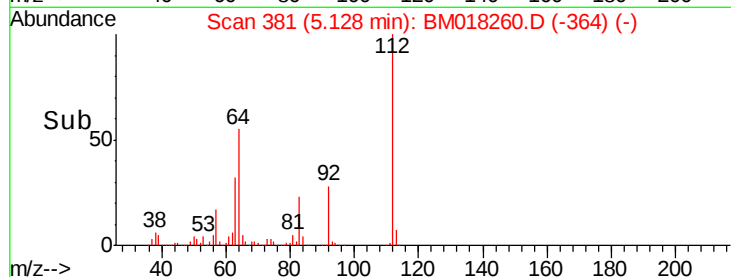
63 31.6 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 14.282 ng

RT: 6.84 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

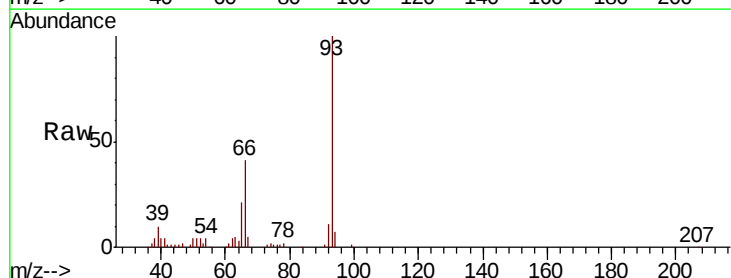
Tgt Ion: 93 Resp: 187316

Ion Ratio Lower Upper

93 100

66 41.0 32.3 48.5

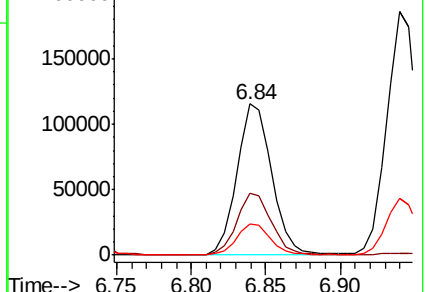
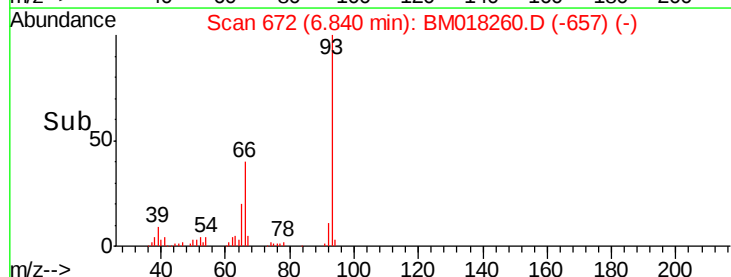
65 20.6 16.2 24.4

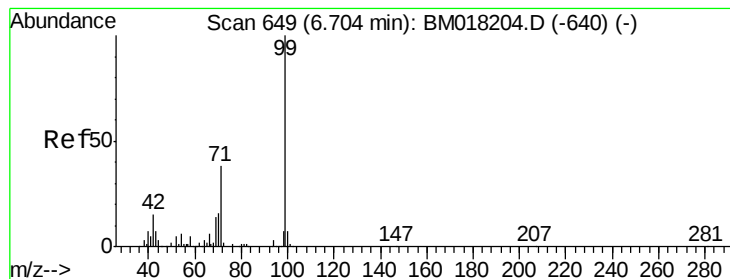


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 68.861 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

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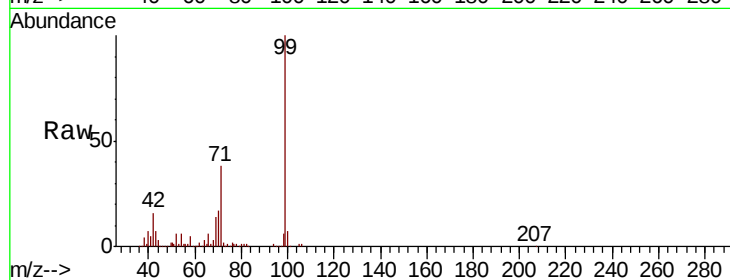
Tgt Ion: 99 Resp: 719969

Ion Ratio Lower Upper

99 100

42 16.1 12.3 18.5

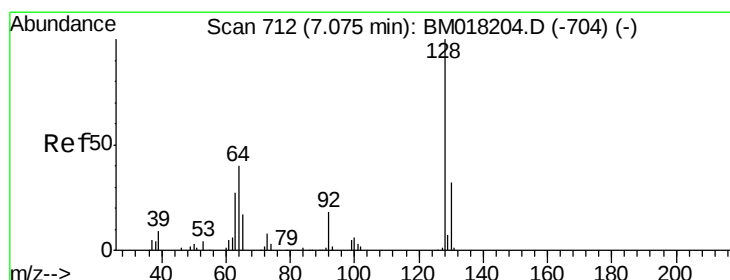
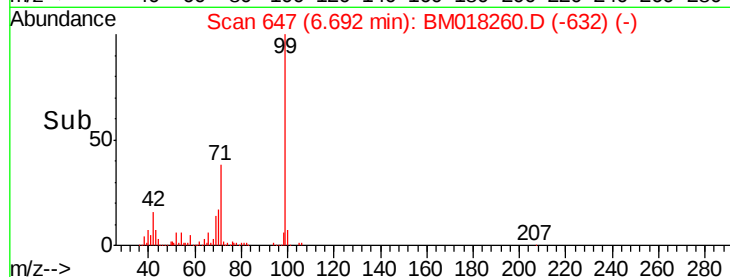
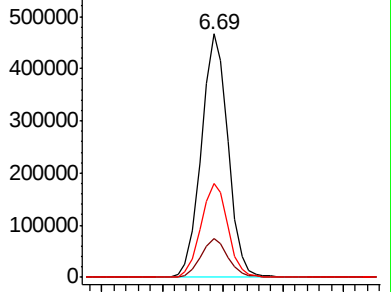
71 38.4 30.2 45.2



Abundance Ion 99.00 (98.70 to 99.70): BM018260.D (-632) (-)

Ion 42.00 (41.70 to 42.70): BM018260.D (-632) (-)

Ion 71.00 (70.70 to 71.70): BM018260.D (-632) (-)



#8

2-Chlorophenol

Concen: 32.305 ng

RT: 7.06 min Scan# 710

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

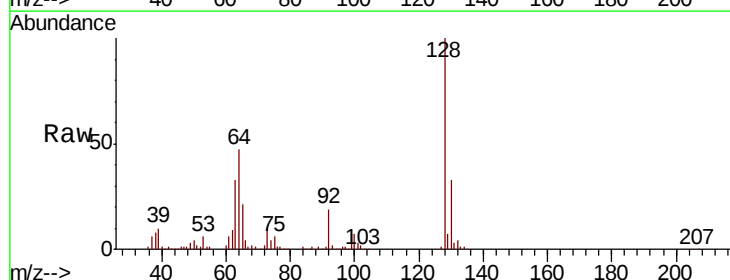
Tgt Ion: 128 Resp: 287110

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

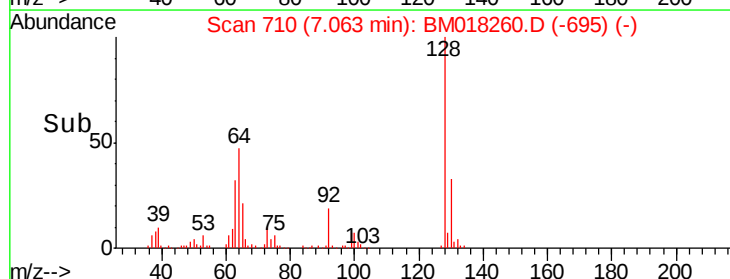
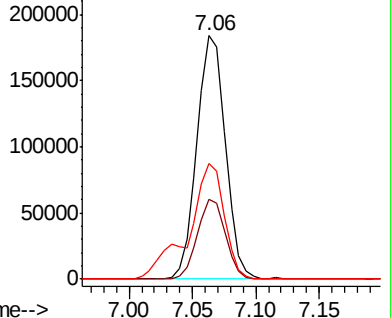
64 47.3 24.1 64.1

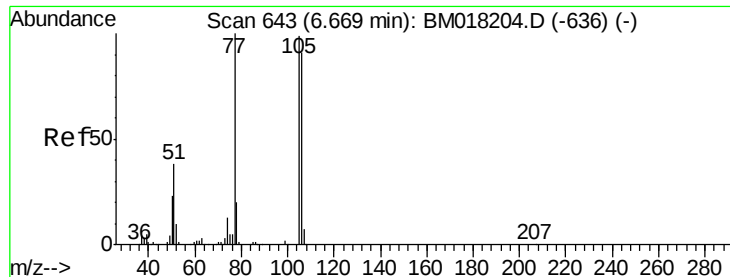


Abundance Ion 128.00 (127.70 to 128.70): BM018260.D (-695) (-)

Ion 130.00 (129.70 to 130.70): BM018260.D (-695) (-)

Ion 64.00 (63.70 to 64.70): BM018260.D (-695) (-)





#9

Benzaldehyde

Concen: 14.261 ng

RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

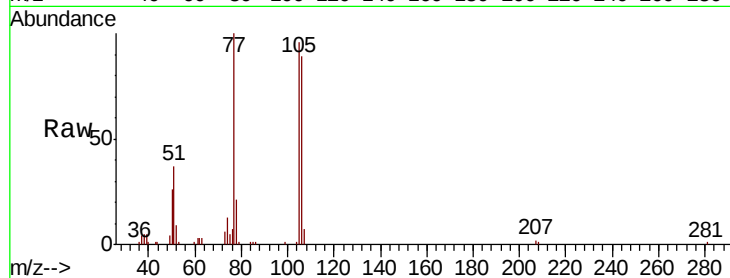
Tgt Ion: 77 Resp: 90884

Ion Ratio Lower Upper

77 100

105 96.3 78.8 118.8

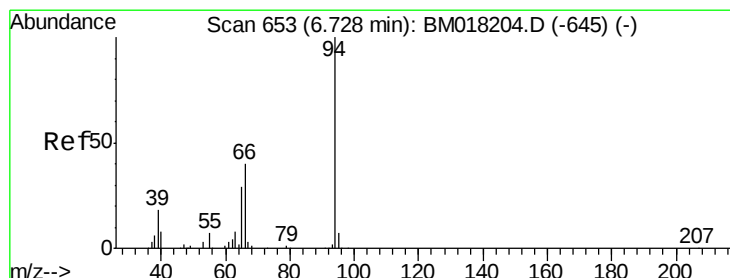
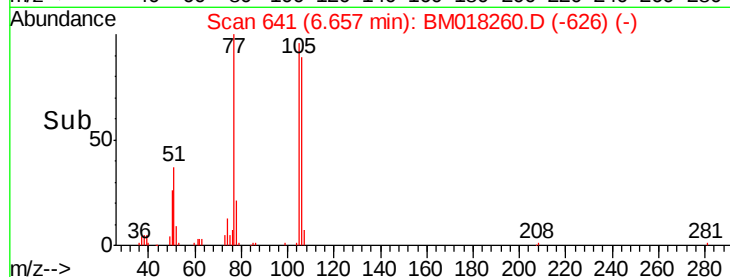
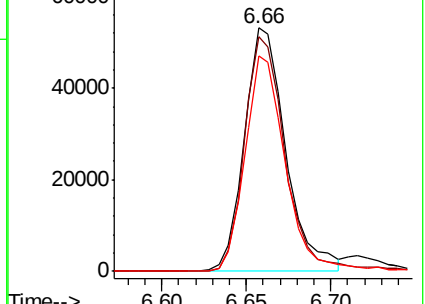
106 88.6 70.7 110.7



Abundance Ion 77.00 (76.70 to 77.70): BM018260.D (-626) (-)

Ion 105.00 (104.70 to 105.70): BM018260.D (-626) (-)

Ion 106.00 (105.70 to 106.70): BM018260.D (-626) (-)



#10

Phenol

Concen: 31.814 ng

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

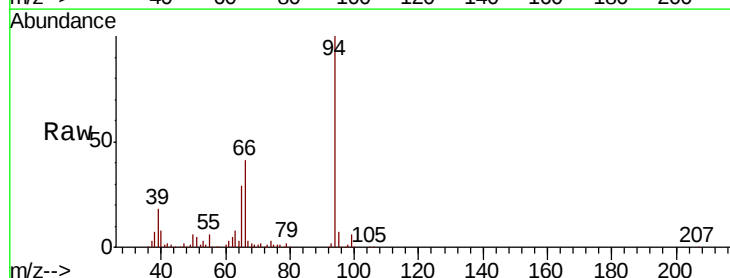
Tgt Ion: 94 Resp: 352262

Ion Ratio Lower Upper

94 100

65 28.8 9.5 49.5

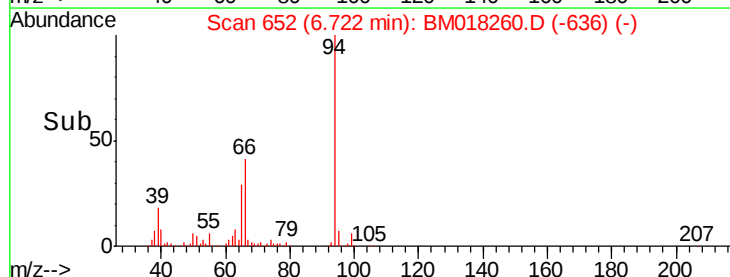
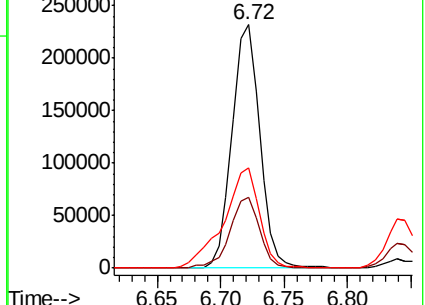
66 41.1 21.3 61.3

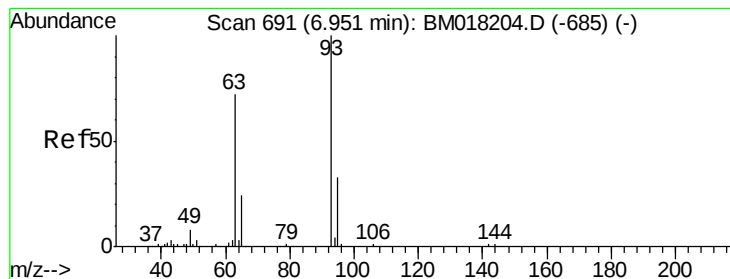


Abundance Ion 94.00 (93.70 to 94.70): BM018260.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018260.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018260.D (-636) (-)





#11

bis(2-Chloroethyl)ether

Concen: 30.096 ng

RT: 6.94 min Scan# 689

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

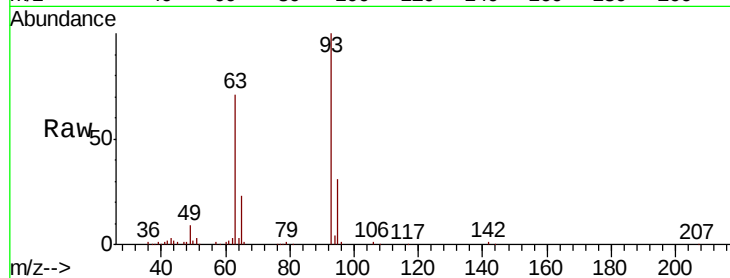
Tgt Ion: 93 Resp: 264845

Ion Ratio Lower Upper

93 100

63 71.2 51.7 91.7

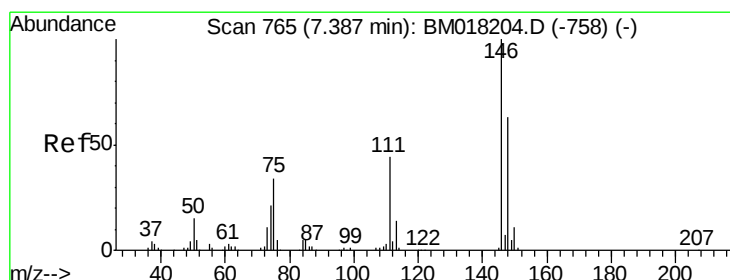
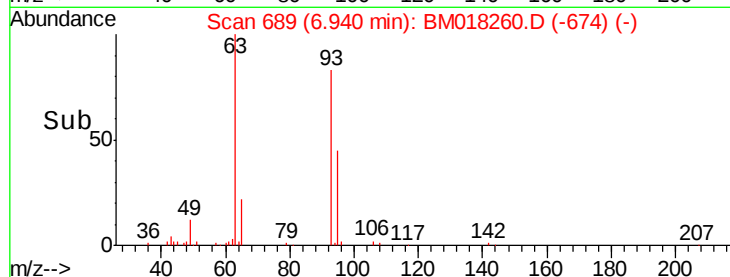
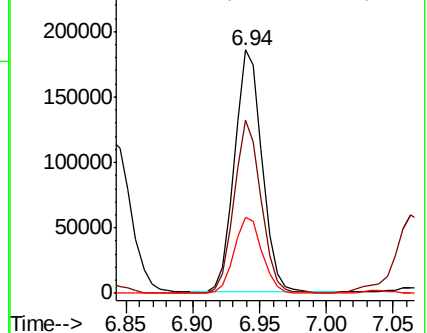
95 31.0 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BM018204.D (-685) (-)

Ion 63.00 (62.70 to 63.70): BM018204.D (-685) (-)

Ion 95.00 (94.70 to 95.70): BM018204.D (-685) (-)



#12

1,3-Dichlorobenzene

Concen: 31.394 ng

RT: 7.38 min Scan# 764

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

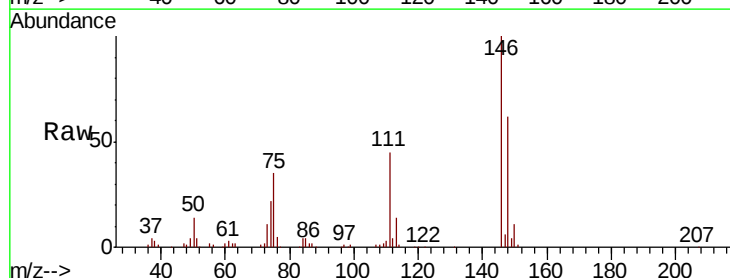
Tgt Ion: 146 Resp: 311572

Ion Ratio Lower Upper

146 100

148 61.9 50.6 76.0

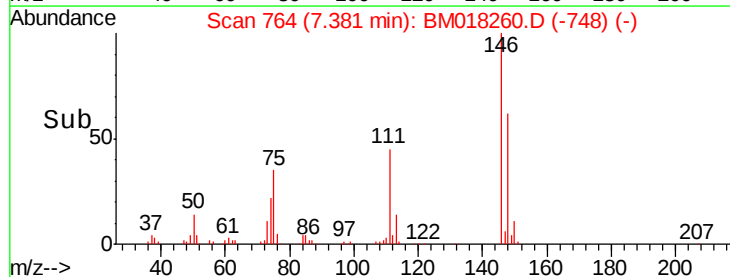
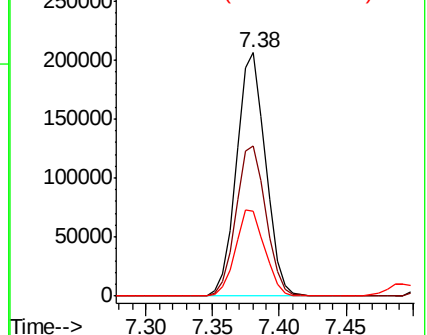
75 34.7 27.0 40.4

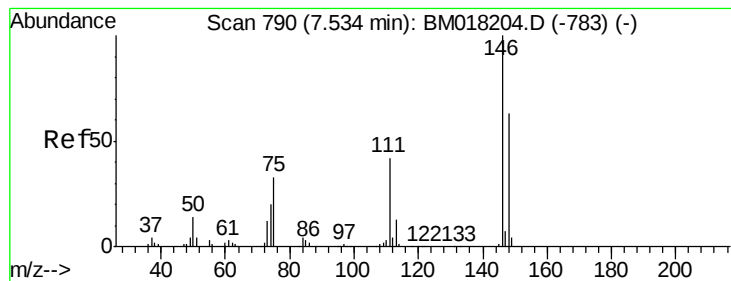


Abundance Ion 146.00 (145.70 to 146.70): BM018204.D (-758) (-)

Ion 148.00 (147.70 to 148.70): BM018204.D (-758) (-)

Ion 75.00 (74.70 to 75.70): BM018204.D (-758) (-)





#13

1,4-Dichlorobenzene

Concen: 31.356 ng

RT: 7.53 min Scan# 789

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

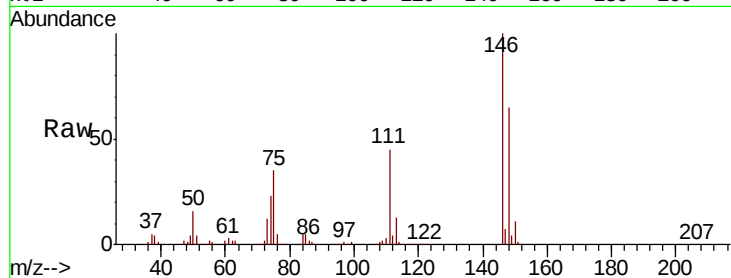
Tgt Ion:146 Resp: 316007

Ion Ratio Lower Upper

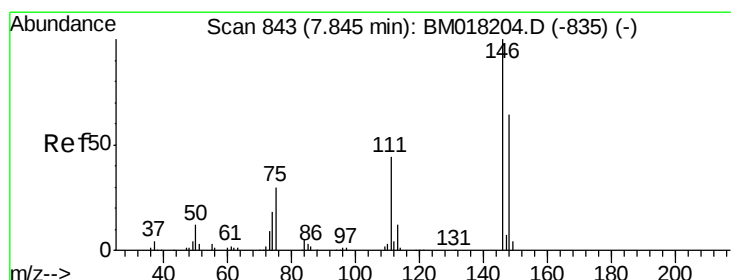
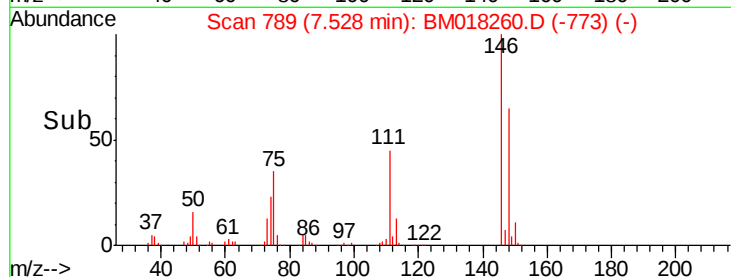
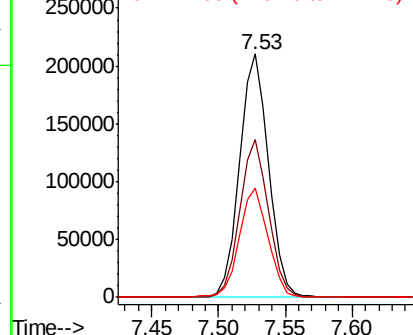
146 100

148 64.6 50.7 76.1

111 44.9 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 31.160 ng

RT: 7.83 min Scan# 841

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

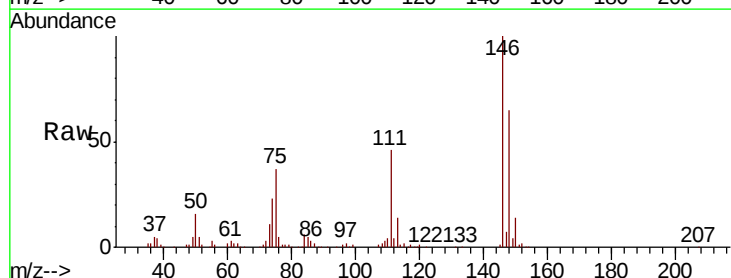
Tgt Ion:146 Resp: 302728

Ion Ratio Lower Upper

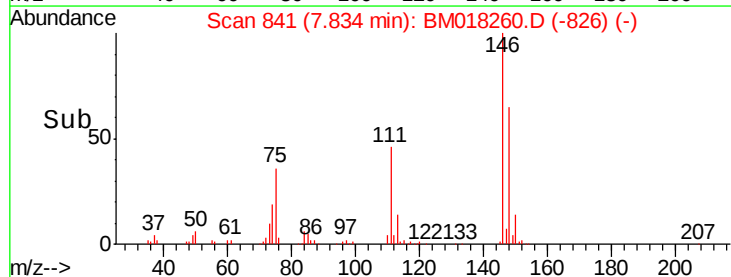
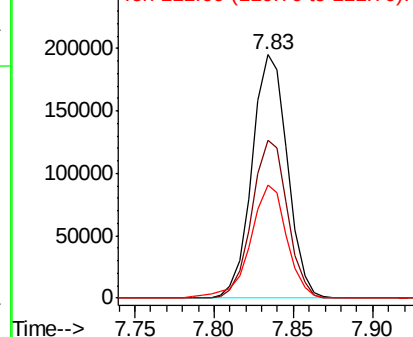
146 100

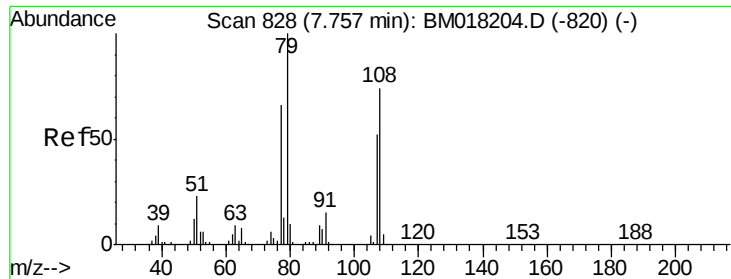
148 65.1 51.3 76.9

111 46.3 35.8 53.8



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





#15

Benzyl Alcohol

Concen: 29.458 ng

RT: 7.75 min Scan# 826

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

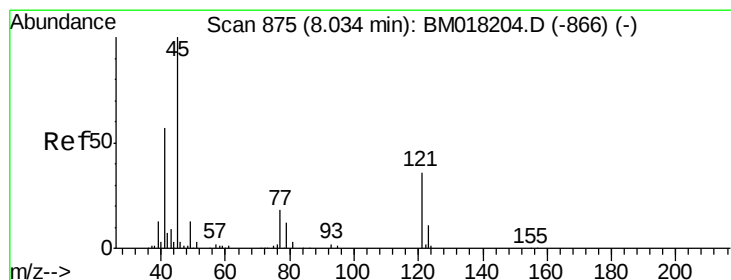
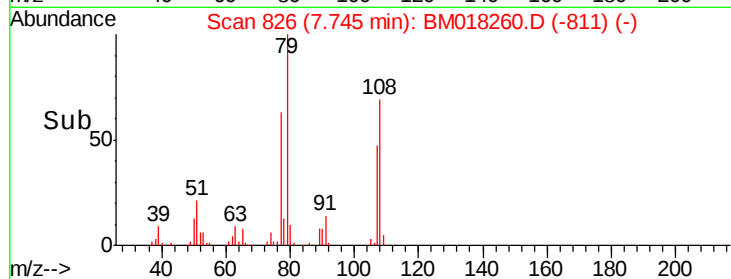
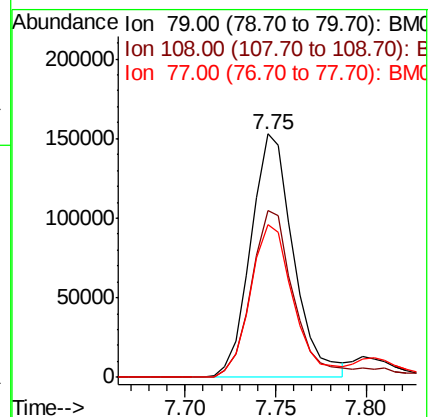
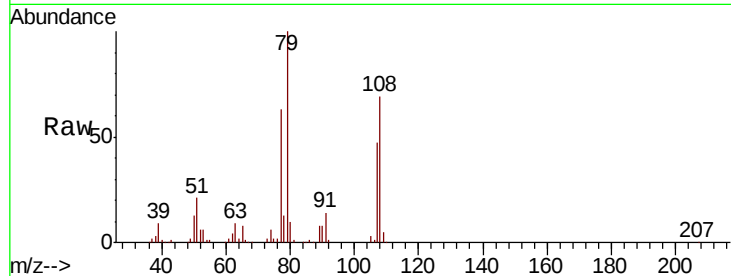
Tgt Ion: 79 Resp: 250963

Ion Ratio Lower Upper

79 100

108 68.6 59.3 88.9

77 62.8 53.0 79.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 28.056 ng

RT: 8.03 min Scan# 874

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

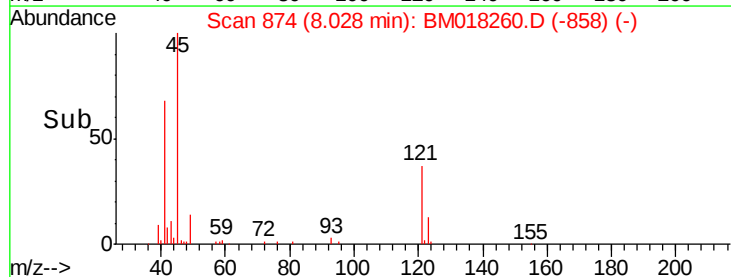
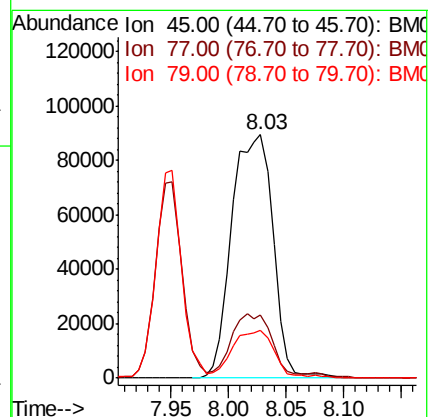
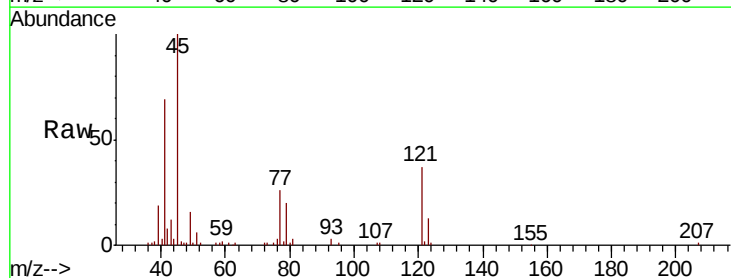
Tgt Ion: 45 Resp: 222182

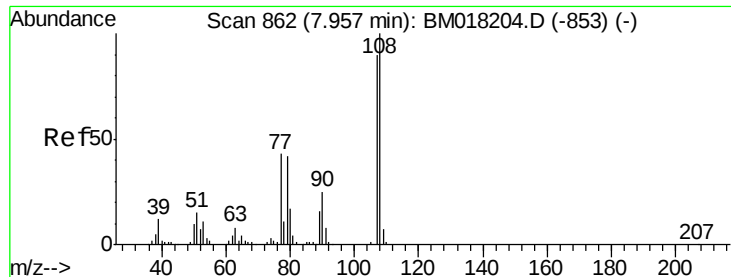
Ion Ratio Lower Upper

45 100

77 26.1 2.5 42.5

79 19.9 0.0 37.2





#17

2-Methylphenol

Concen: 31.121 ng

RT: 7.95 min Scan# 861

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

Tgt Ion:107 Resp: 230090

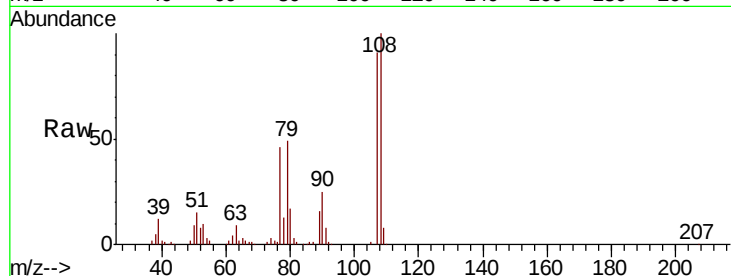
Ion Ratio Lower Upper

107 100

108 110.4 89.3 133.9

77 51.0 38.2 57.4

79 53.9 37.7 56.5



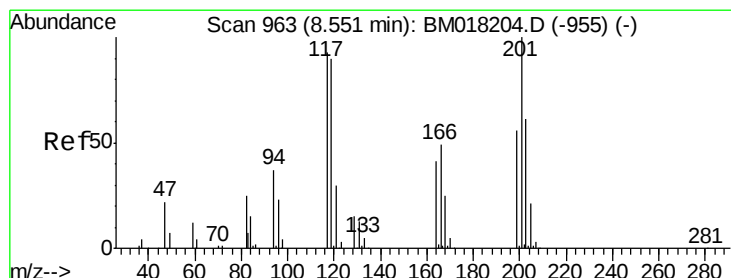
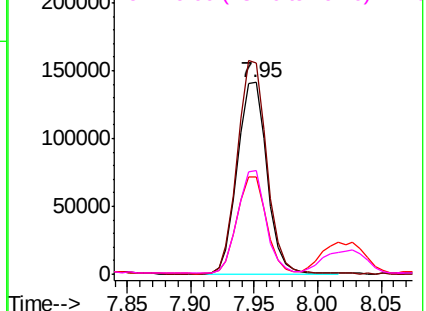
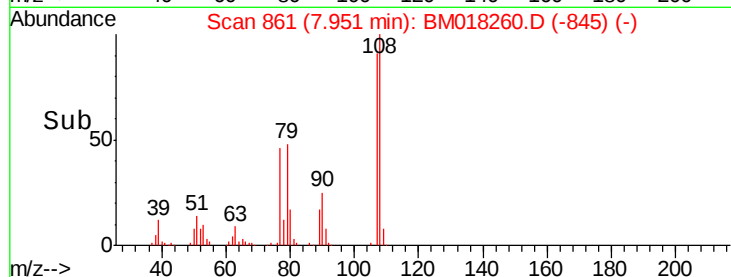
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 32.073 ng

RT: 8.54 min Scan# 961

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

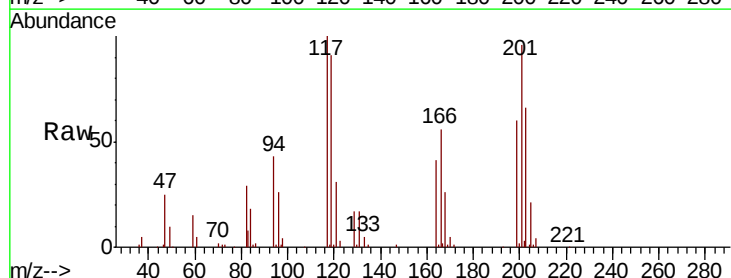
Tgt Ion:117 Resp: 118475

Ion Ratio Lower Upper

117 100

119 90.7 77.0 115.4

201 96.3 85.7 128.5

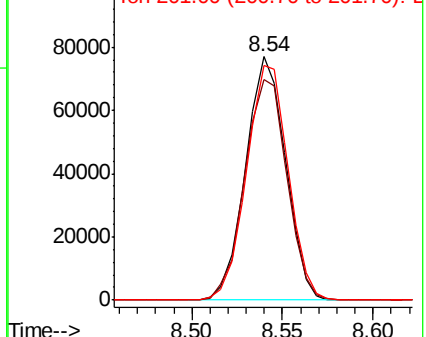
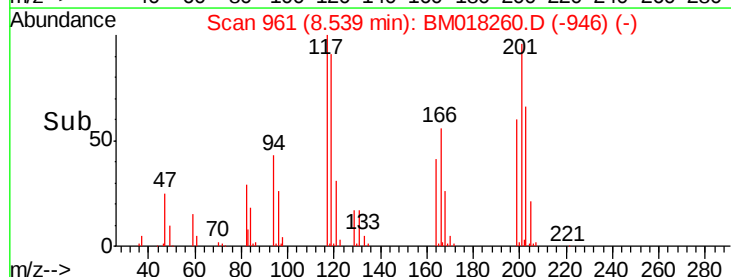


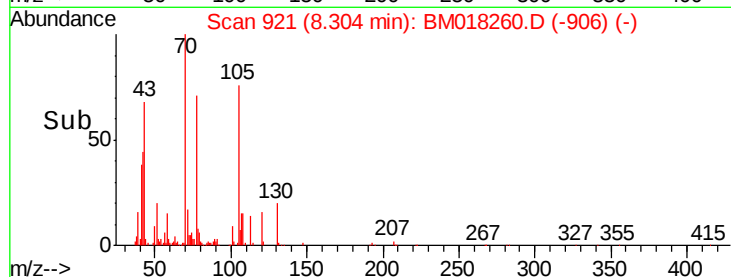
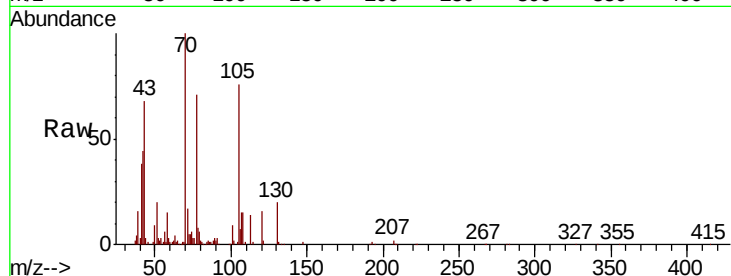
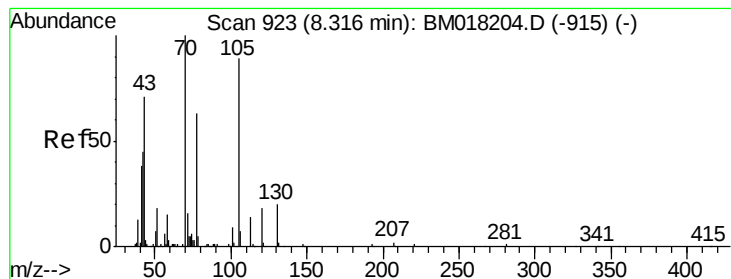
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 27.960 ng

RT: 8.30 min Scan# 921

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

Tgt Ion: 70 Resp: 218275

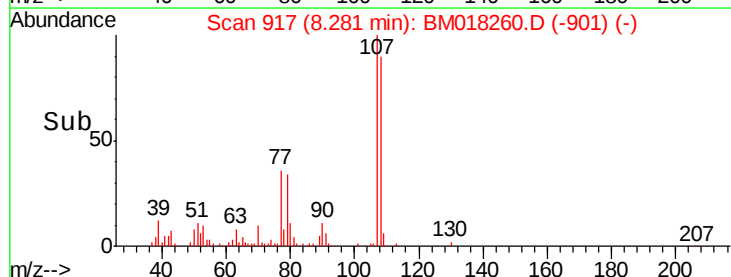
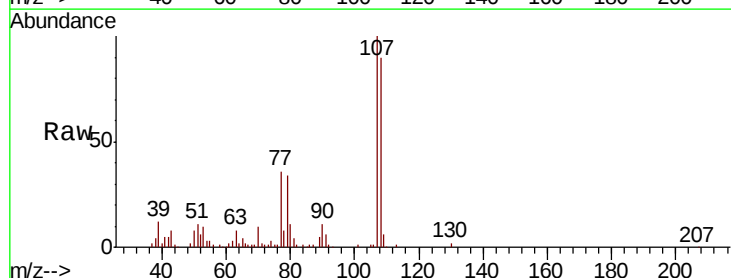
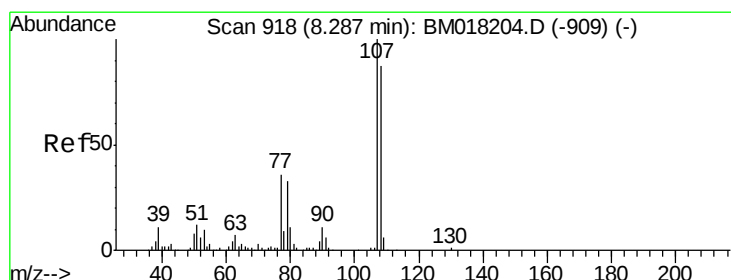
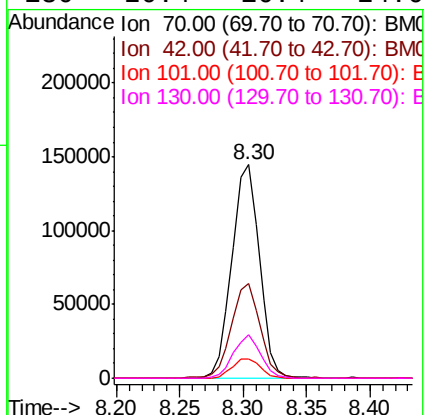
Ion Ratio Lower Upper

70 100

42 44.1 36.2 54.2

101 9.3 7.5 11.3

130 20.4 16.4 24.6



#20

3+4-Methylphenols

Concen: 28.874 ng

RT: 8.28 min Scan# 917

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Tgt Ion: 107 Resp: 299134

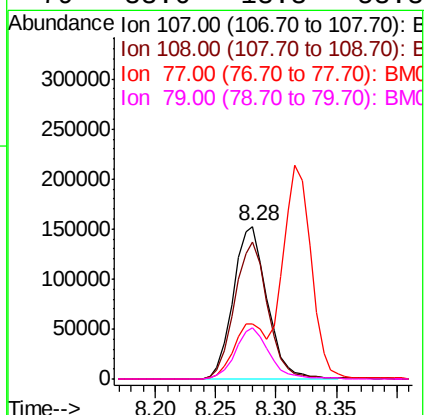
Ion Ratio Lower Upper

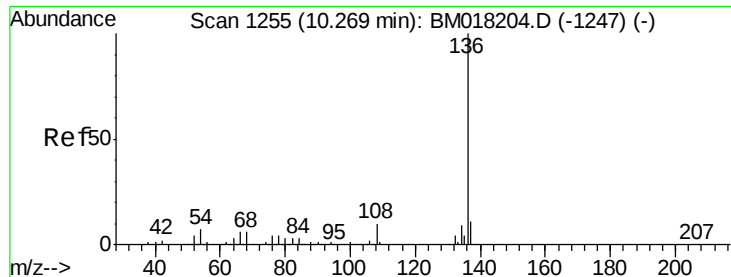
107 100

108 89.8 67.4 107.4

77 36.4 15.7 55.7

79 33.6 13.3 53.3

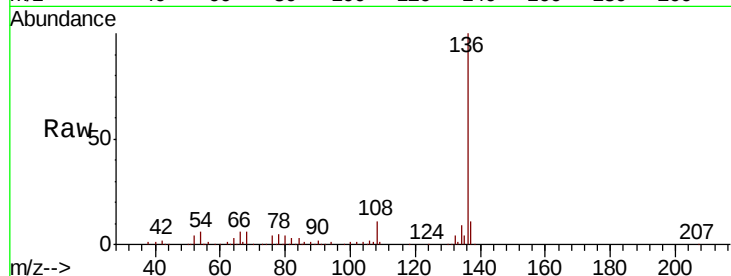




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion:	136	Resp:	444188
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.0	5.2	7.8
68	5.7	5.0	7.6



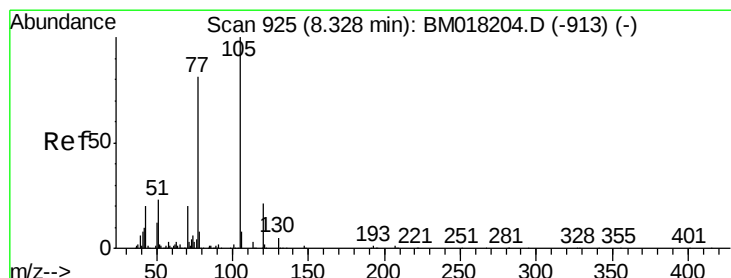
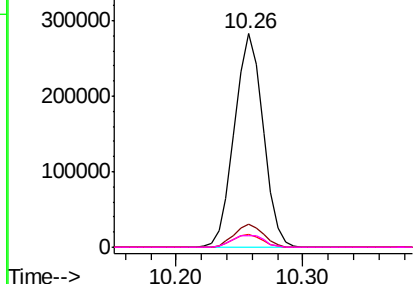
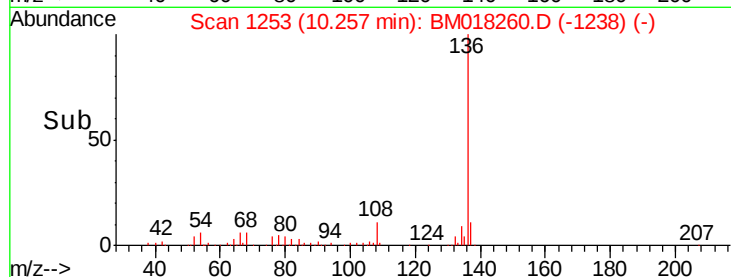
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

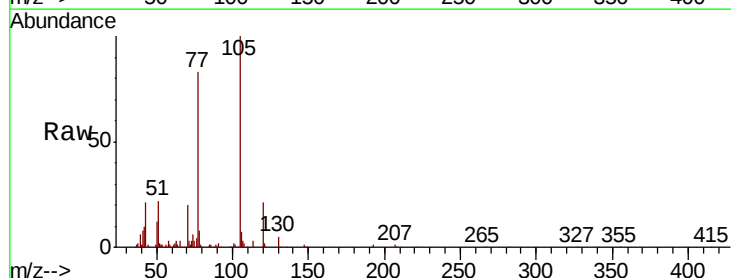
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 35.801 ng
RT: 8.32 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion:	105	Resp:	420832
Ion	Ratio	Lower	Upper
105	100		
71	3.2	2.6	4.0
51	22.5	18.3	27.5
120	20.9	17.0	25.6



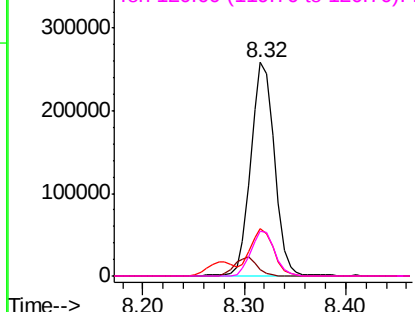
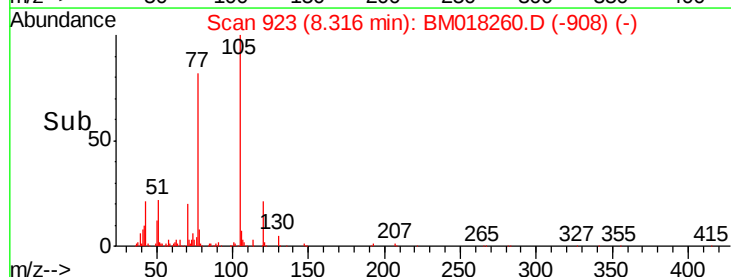
Abundance

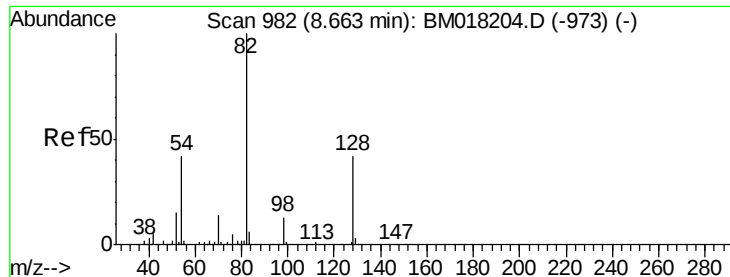
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

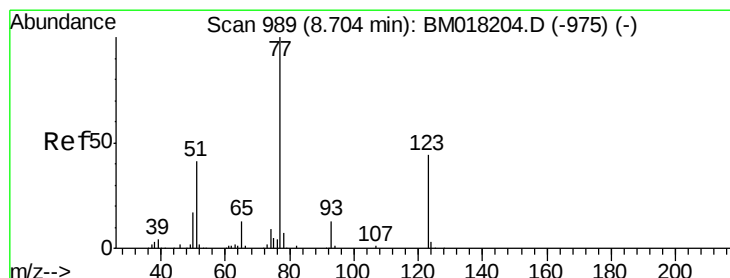
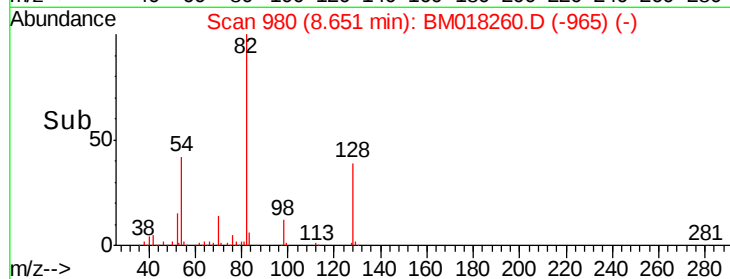
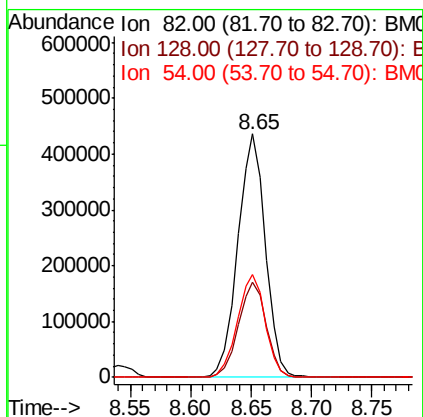
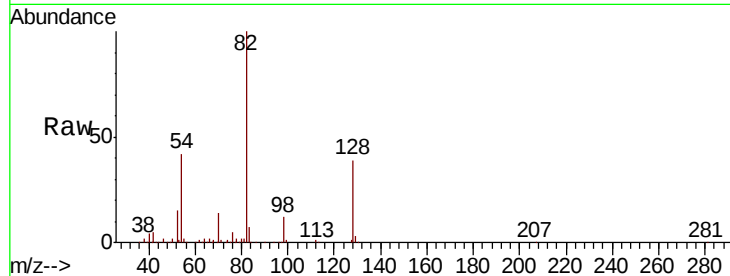




#23
 Nitrobenzene-d5
 Concen: 80.431 ng
 RT: 8.65 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

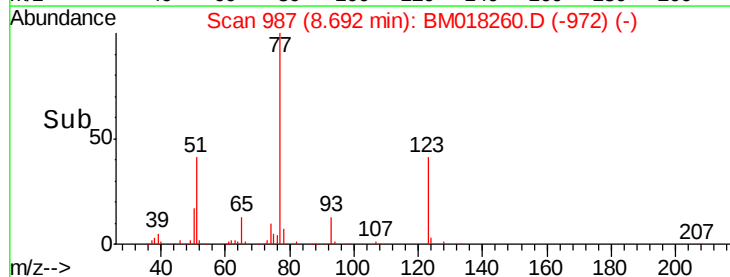
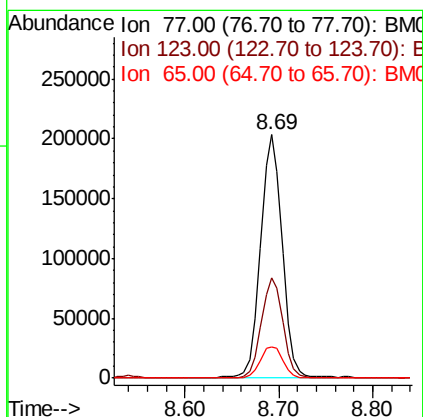
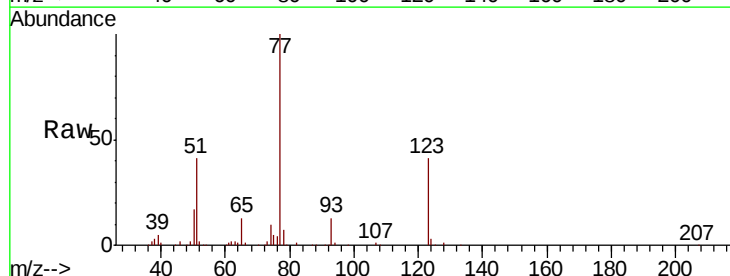
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

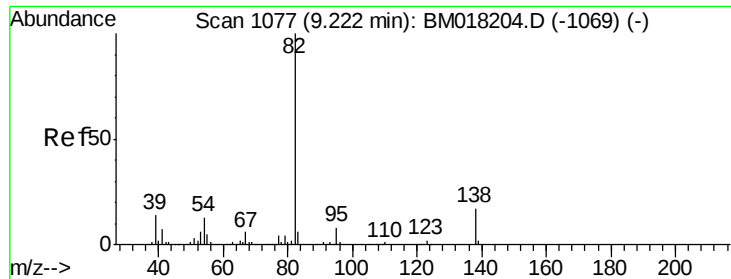
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.4	50.2
54	42.3	33.4	50.2



#24
 Nitrobenzene
 Concen: 37.645 ng
 RT: 8.69 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.1	35.4	53.2
65	13.0	10.6	15.8

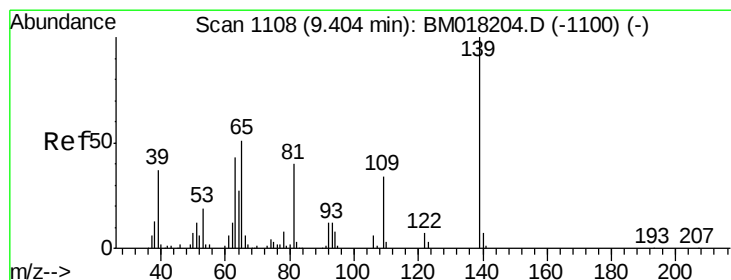
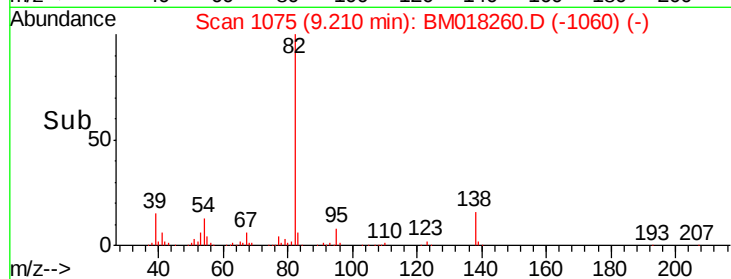
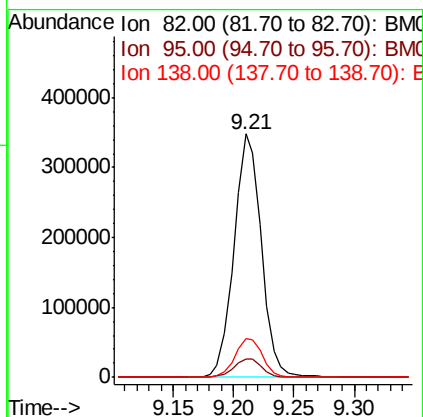
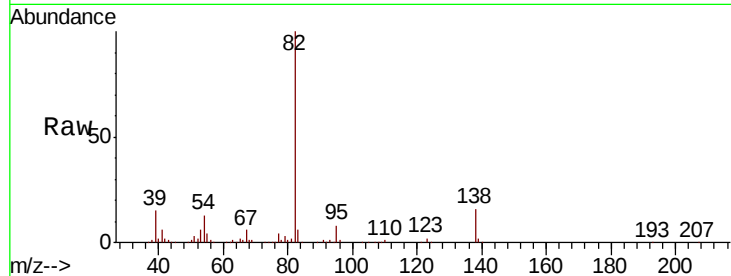




#25
Isophorone
Concen: 38.102 ng
RT: 9.21 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

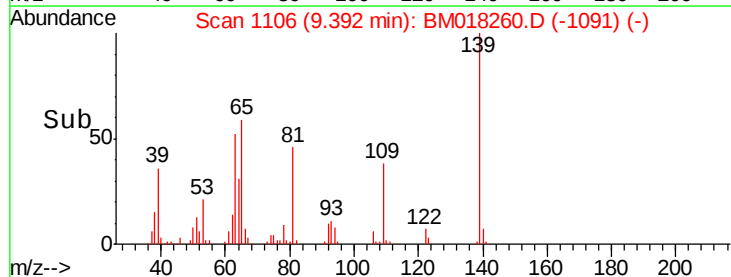
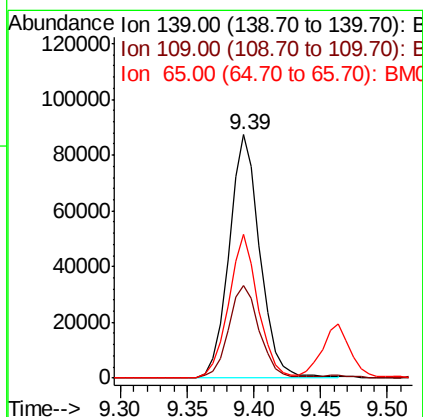
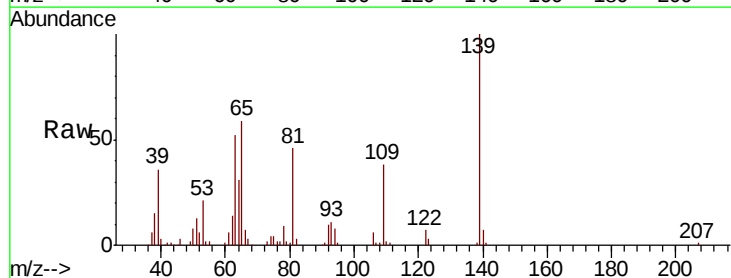
Instrument :
BNA_M
ClientSampleId :
PB115777BS

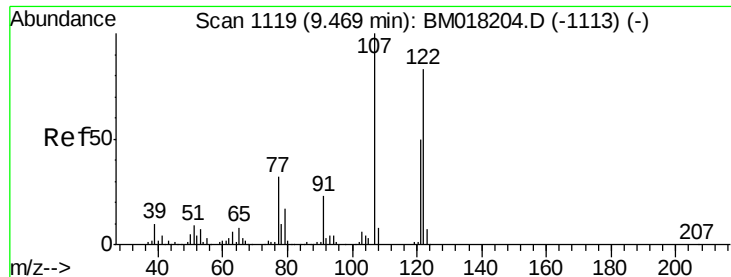
Tgt Ion: 82 Resp: 549327
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 16.2 13.9 20.9



#26
2-Nitrophenol
Concen: 33.094 ng
RT: 9.39 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion: 139 Resp: 140449
Ion Ratio Lower Upper
139 100
109 38.0 27.4 41.0
65 59.2 41.0 61.4

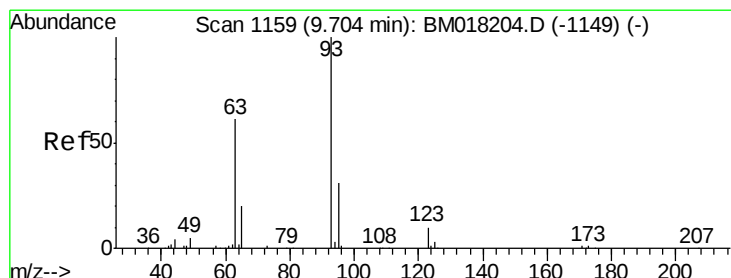
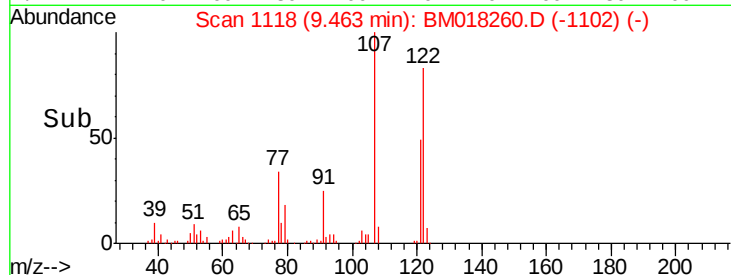
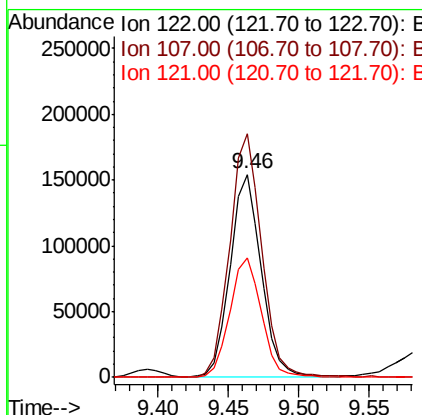
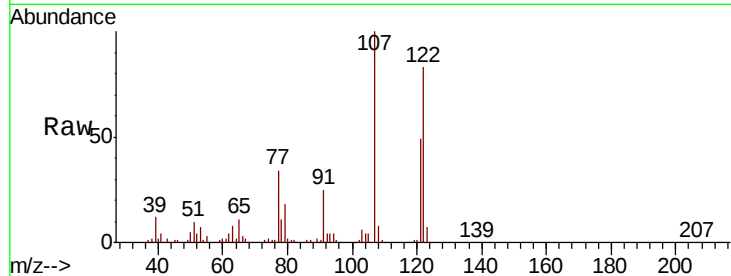




#27
 2,4-Dimethylphenol
 Concen: 38.428 ng
 RT: 9.46 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

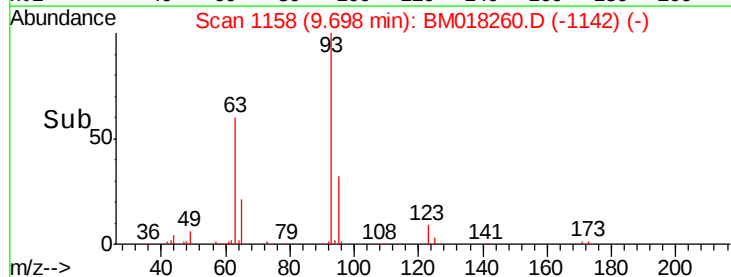
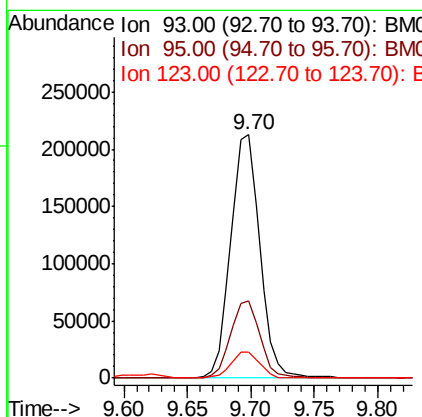
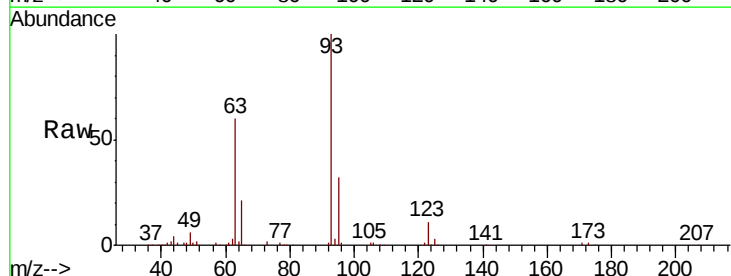
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

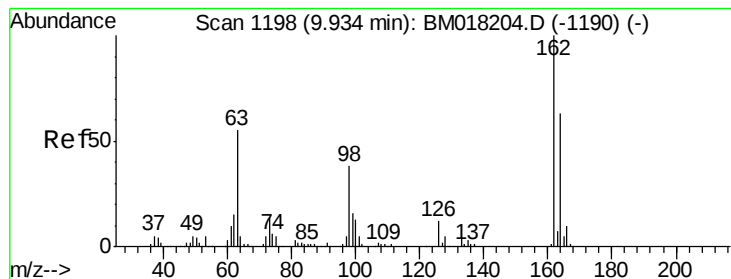
Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.1	96.5	144.7
121	59.0	48.2	72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.978 ng
 RT: 9.70 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.3	37.9
123	10.6	9.3	13.9





#29

2,4-Dichlorophenol

Concen: 34.026 ng

RT: 9.93 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

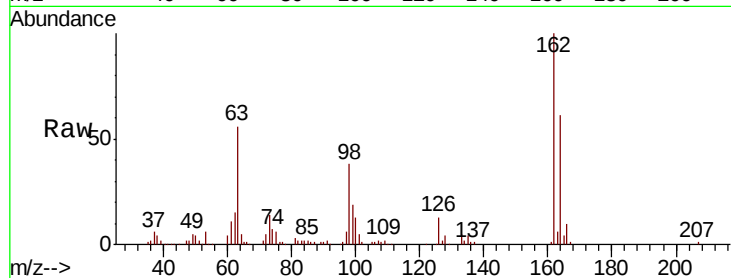
Tgt Ion:162 Resp: 230749

Ion Ratio Lower Upper

162 100

164 60.7 43.0 83.0

98 38.1 18.3 58.3

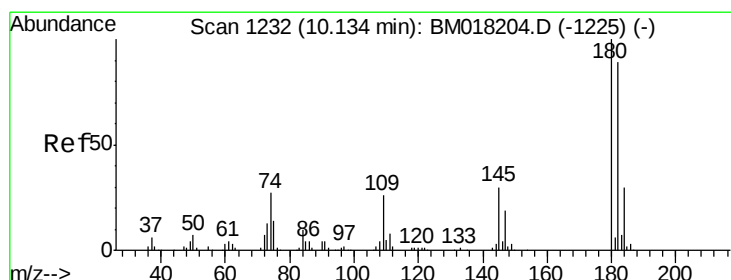
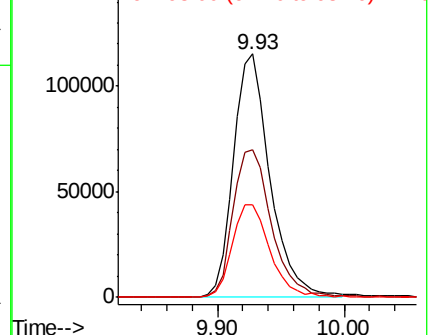
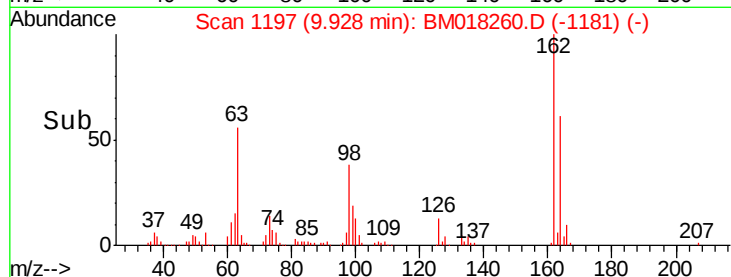


Abundance

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: 35.542 ng

RT: 10.12 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

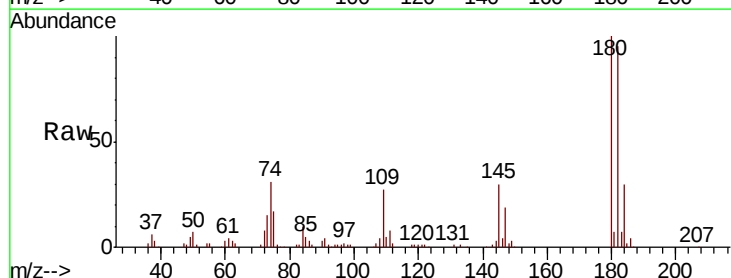
Tgt Ion:180 Resp: 274161

Ion Ratio Lower Upper

180 100

182 94.9 71.4 107.2

145 29.6 24.4 36.6

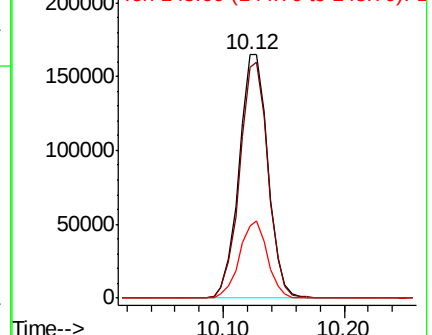
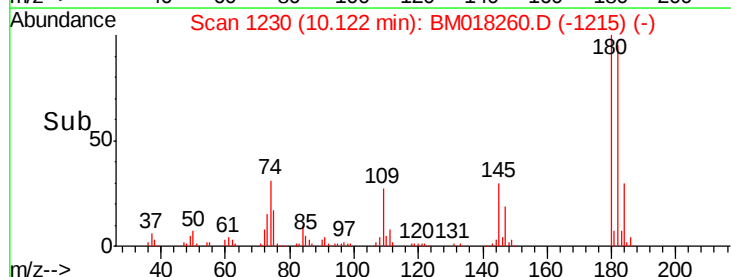


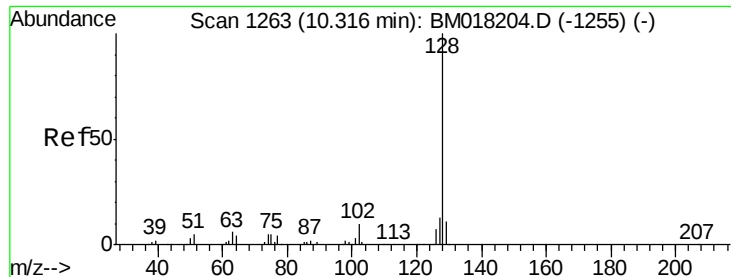
Abundance

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

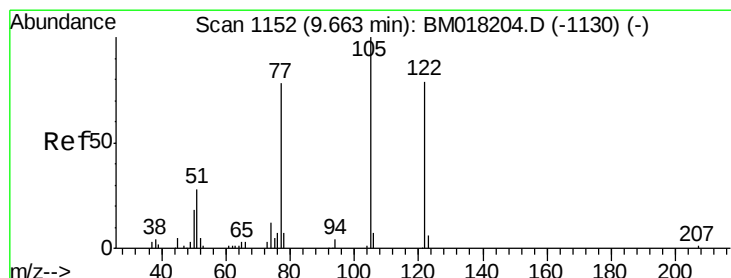
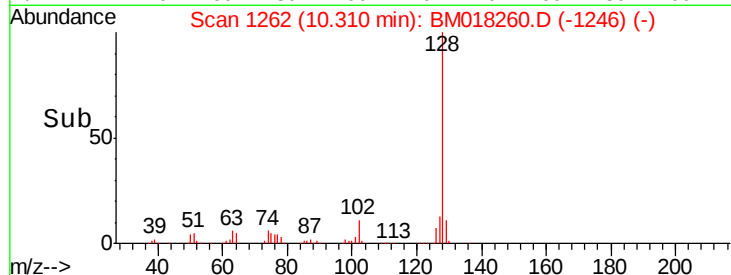
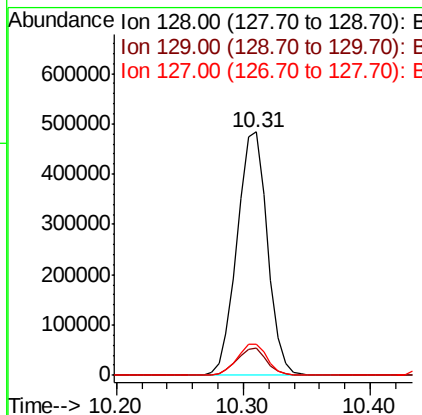
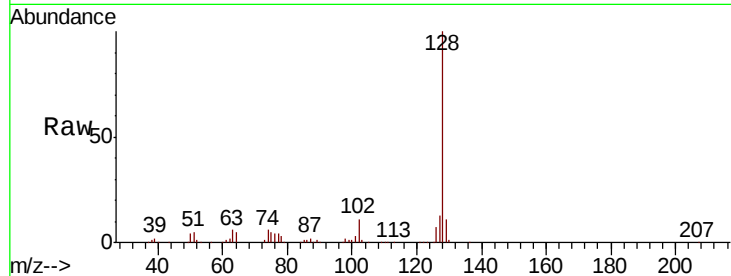




#31
Naphthalene
Concen: 36.933 ng
RT: 10.31 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

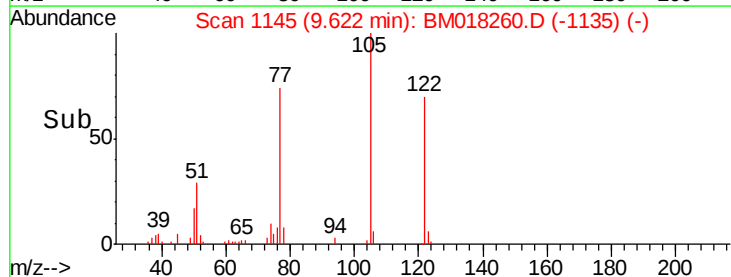
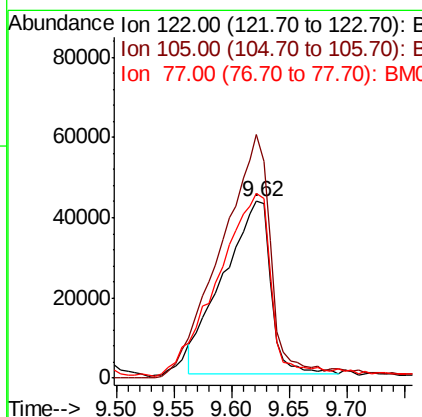
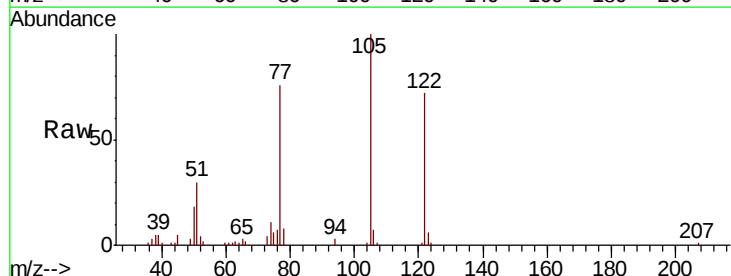
Instrument :
BNA_M
ClientSampleId :
PB115777BS

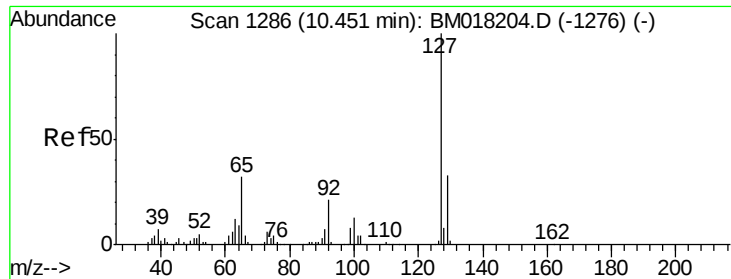
Tgt Ion:128 Resp: 802182
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 21.051 ng
RT: 9.62 min Scan# 1145
Delta R.T. -0.04 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion:122 Resp: 121923
Ion Ratio Lower Upper
122 100
105 138.0 104.8 144.8
77 105.1 77.7 117.7

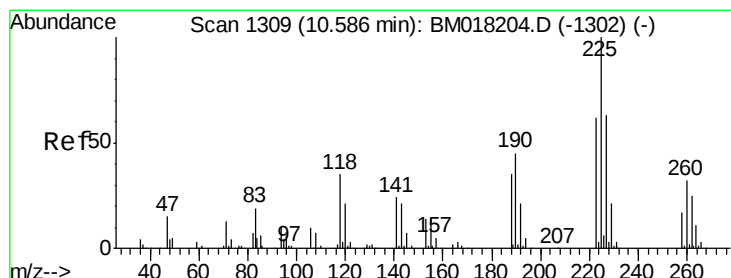
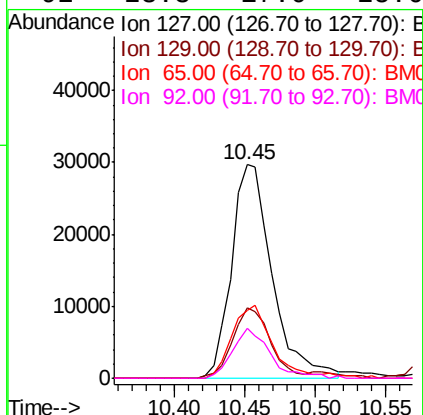
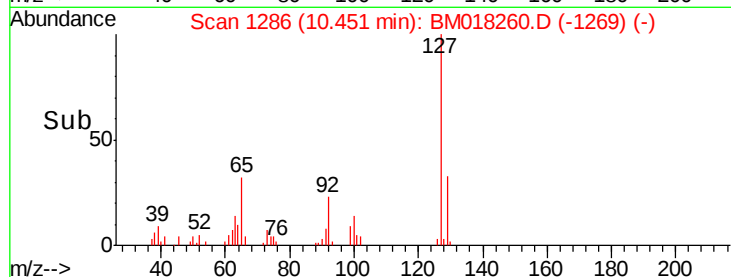
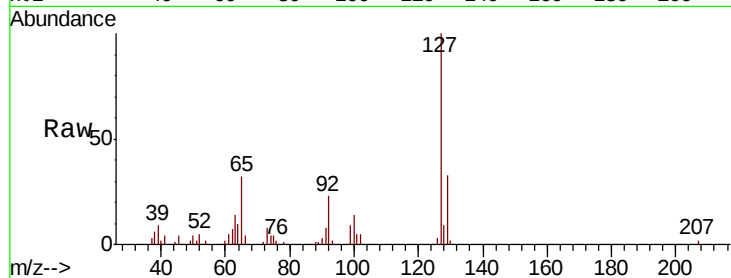




#33
4-Chloroaniline
Concen: 6.281 ng
RT: 10.45 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

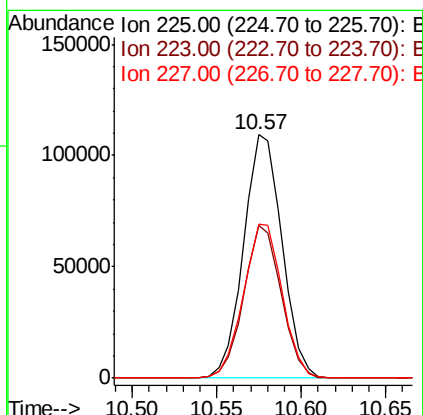
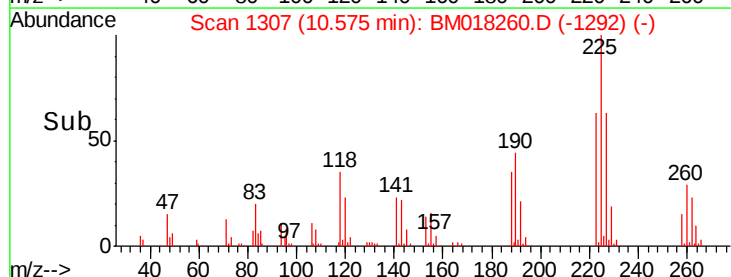
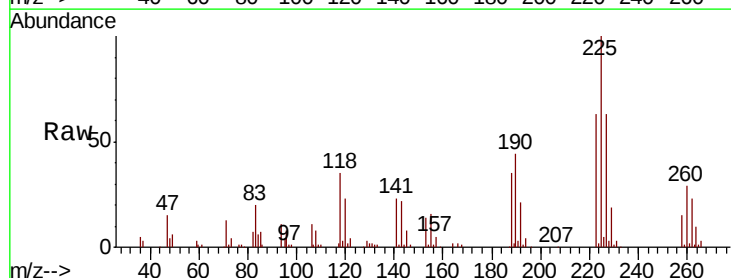
Instrument :
BNA_M
ClientSampleId :
PB115777BS

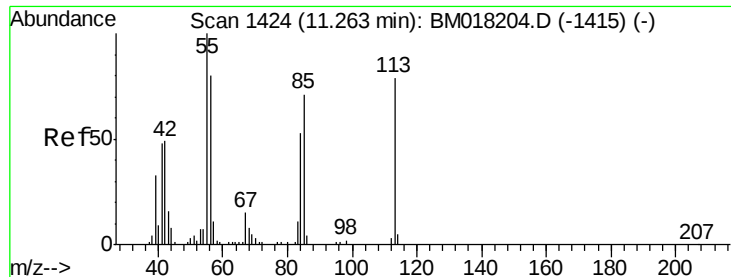
Tgt Ion:	127	Resp:	59759
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.4	39.6
65	31.7	25.6	38.4
92	23.3	17.0	25.6



#34
Hexachlorobutadiene
Concen: 35.367 ng
RT: 10.57 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion:	225	Resp:	172543
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.8	74.6
227	63.2	50.2	75.4

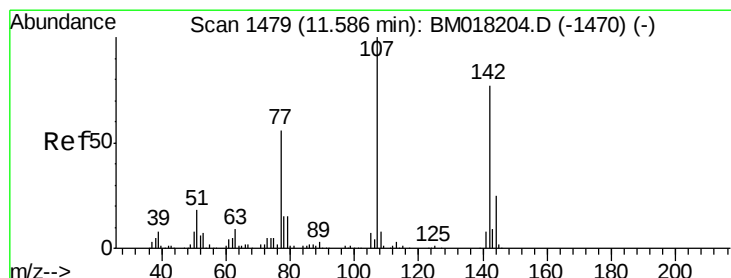
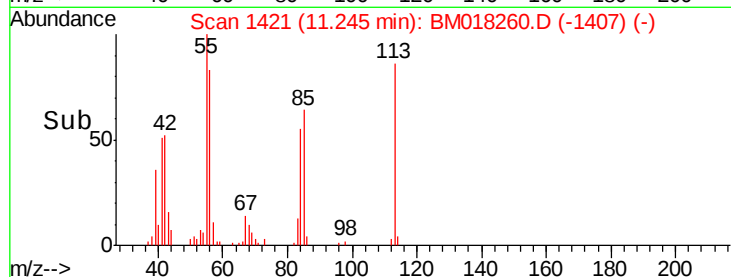
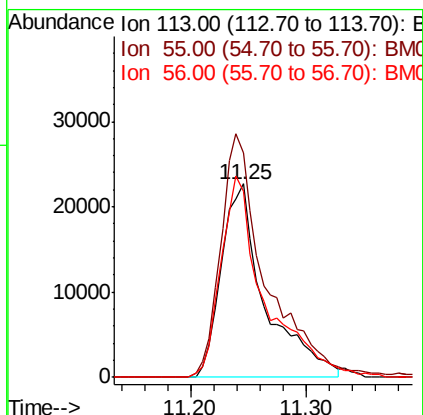
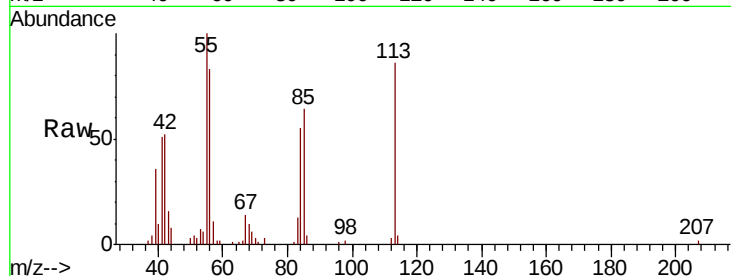




#35
 Caprolactam
 Concen: 23.091 ng
 RT: 11.25 min Scan# 1421
 Delta R.T. -0.02 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

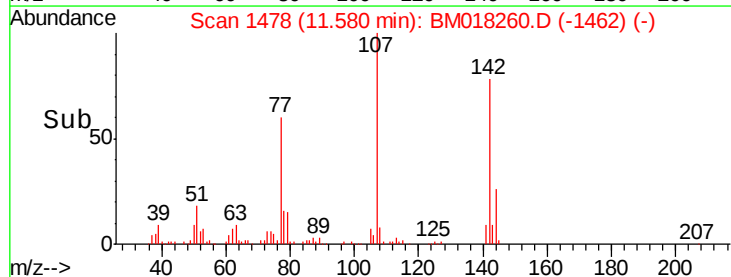
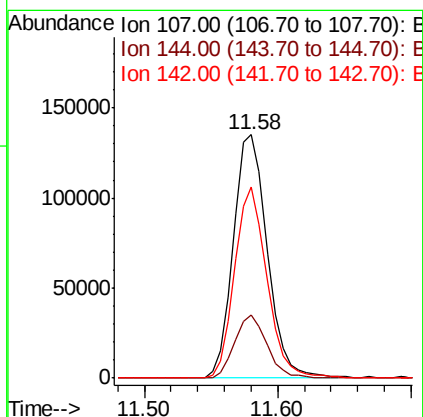
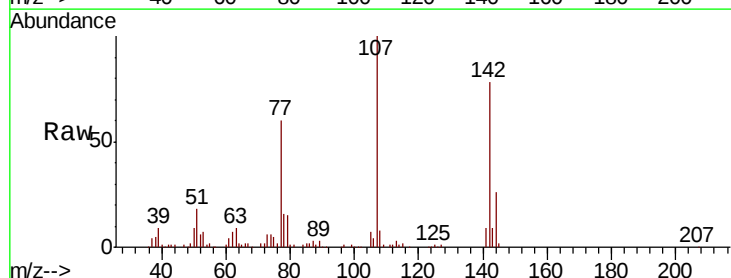
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

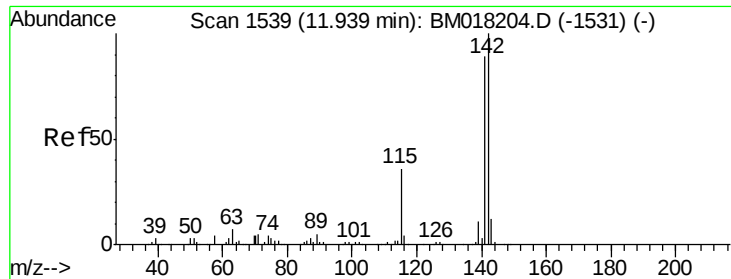
Tgt Ion:113 Resp: 59668
 Ion Ratio Lower Upper
 113 100
 55 116.1 105.9 145.9
 56 96.3 80.1 120.1



#36
 4-Chloro-3-methylphenol
 Concen: 29.293 ng
 RT: 11.58 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion:107 Resp: 238693
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.1 30.1
 142 78.5 61.7 92.5

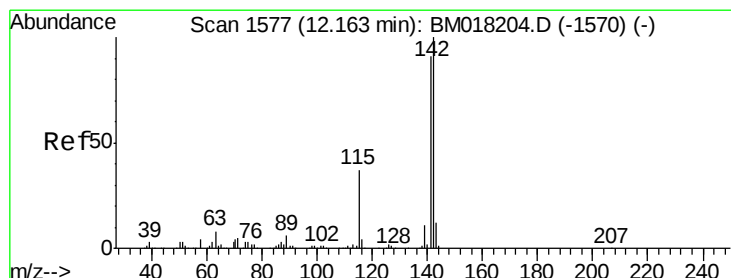
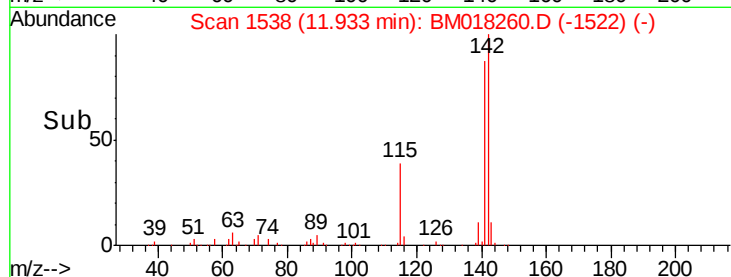
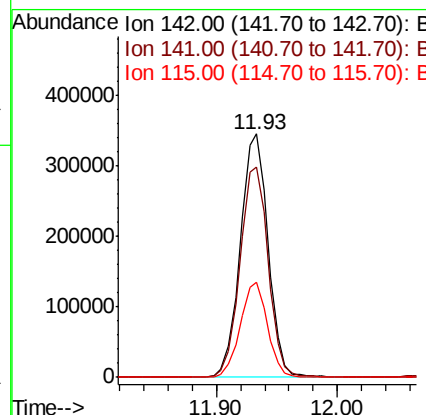
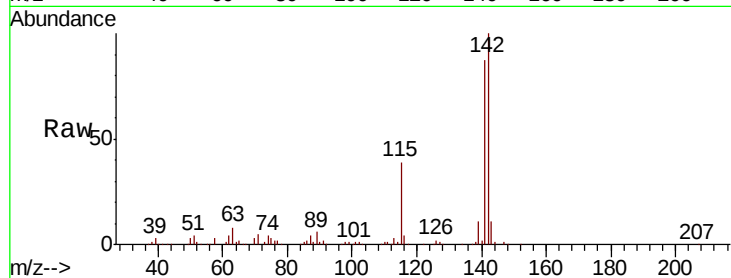




#37
 2-Methylnaphthalene
 Concen: 36.242 ng
 RT: 11.93 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

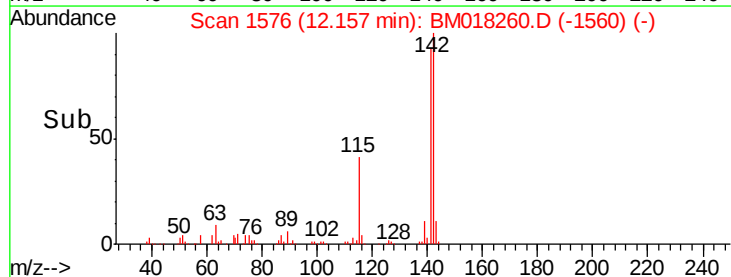
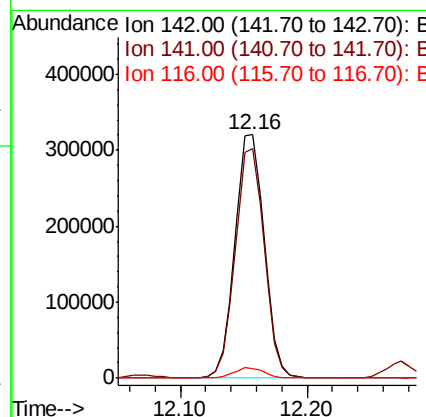
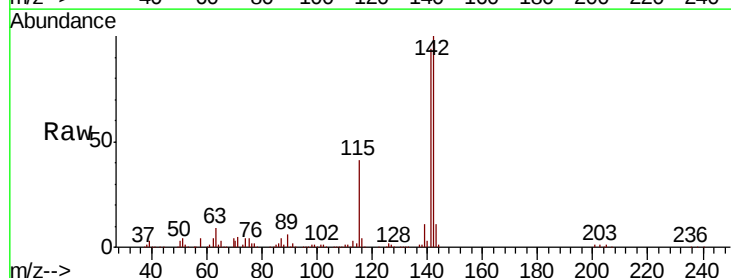
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

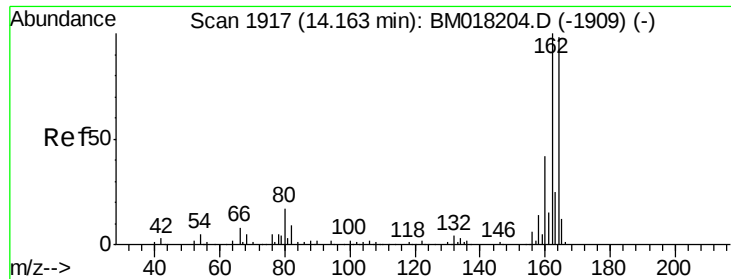
Tgt Ion:142 Resp: 555117
 Ion Ratio Lower Upper
 142 100
 141 86.6 71.4 107.2
 115 39.2 29.0 43.6



#38
 1-Methylnaphthalene
 Concen: 34.322 ng
 RT: 12.16 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion:142 Resp: 512993
 Ion Ratio Lower Upper
 142 100
 141 94.3 73.0 109.4
 116 4.1 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

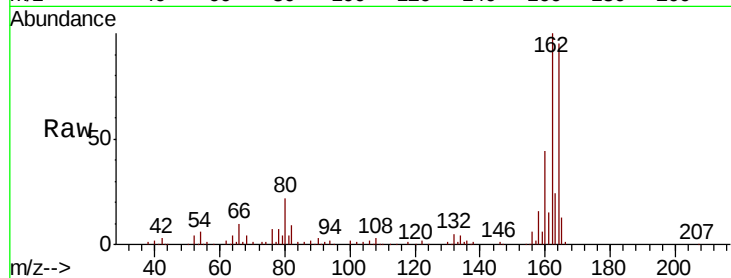
Tgt Ion:164 Resp: 204838

Ion Ratio Lower Upper

164 100

162 105.2 81.8 122.6

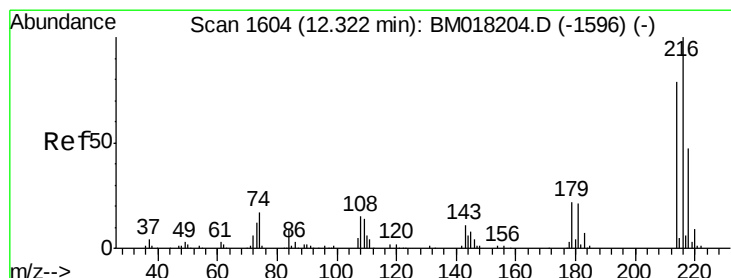
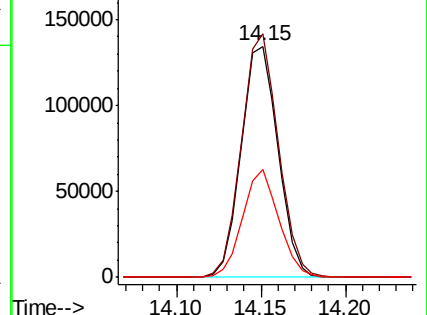
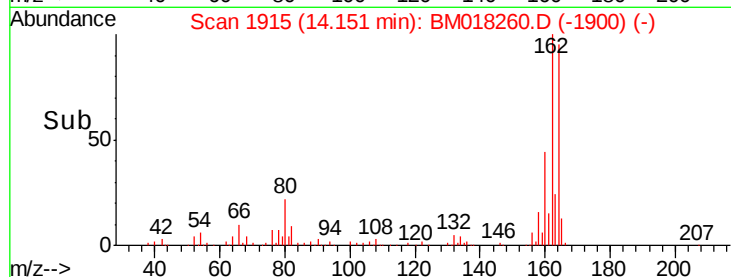
160 46.7 34.6 51.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.175 ng

RT: 12.31 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Tgt Ion:216 Resp: 275941

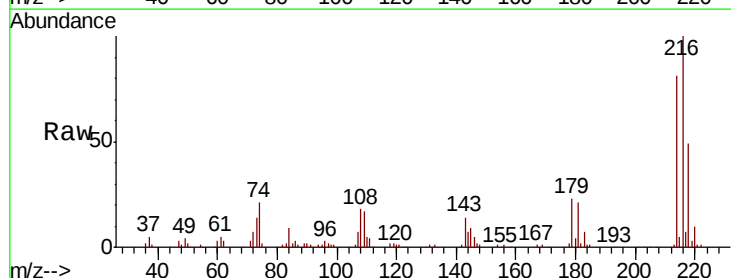
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 22.3 17.2 25.8

108 21.3 14.6 21.8

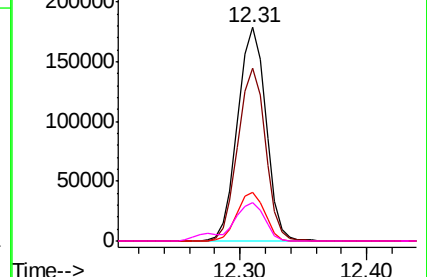
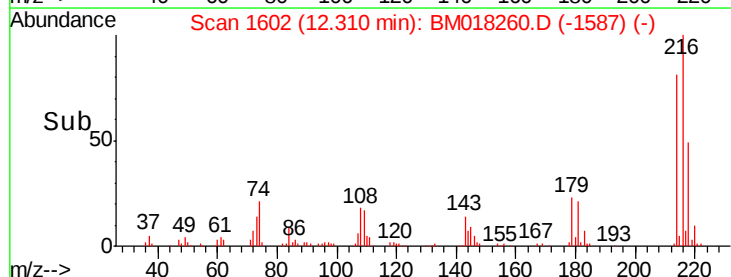


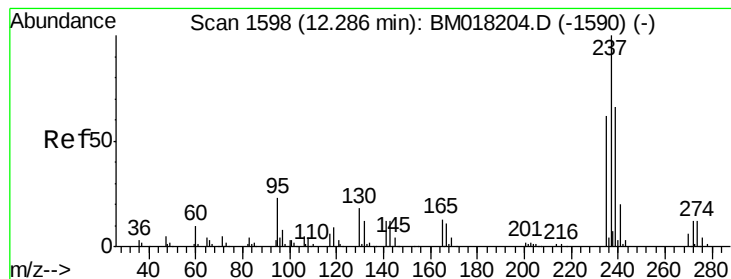
Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.896 ng

RT: 12.27 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

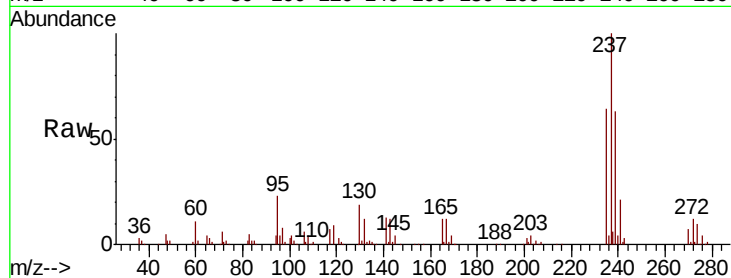
Tgt Ion: 237 Resp: 253275

Ion Ratio Lower Upper

237 100

235 64.0 42.1 82.1

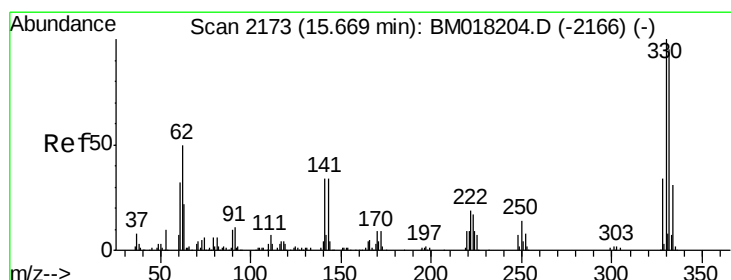
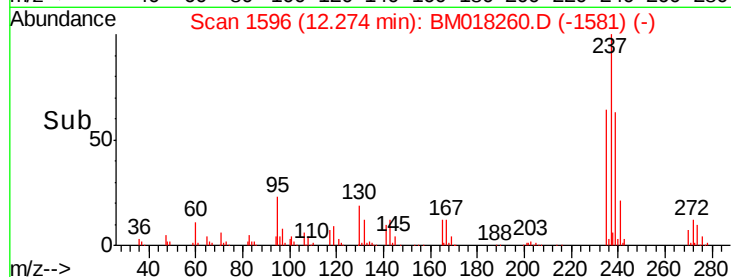
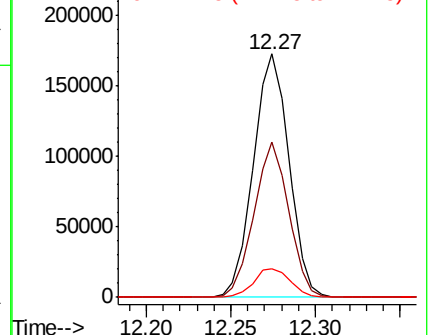
272 11.8 0.0 32.1



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: 62.021 ng

RT: 15.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

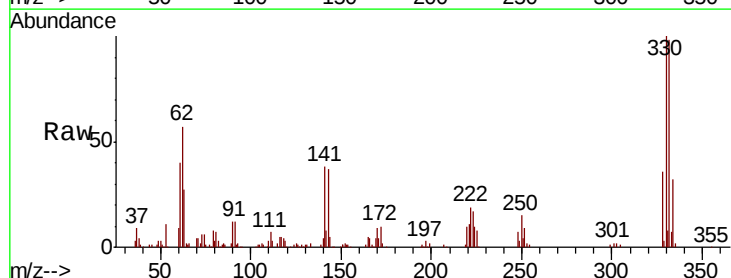
Tgt Ion: 330 Resp: 186464

Ion Ratio Lower Upper

330 100

332 98.2 78.6 118.0

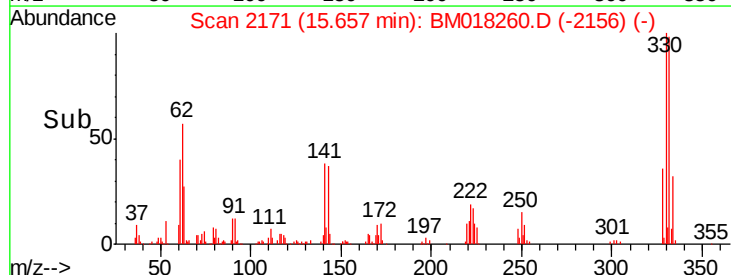
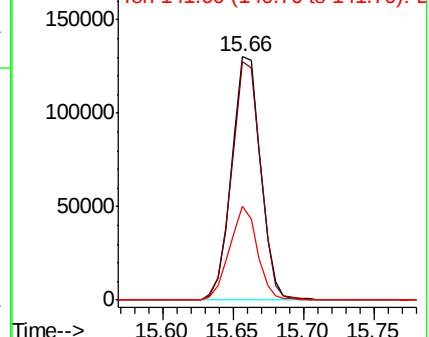
141 37.0 27.1 40.7

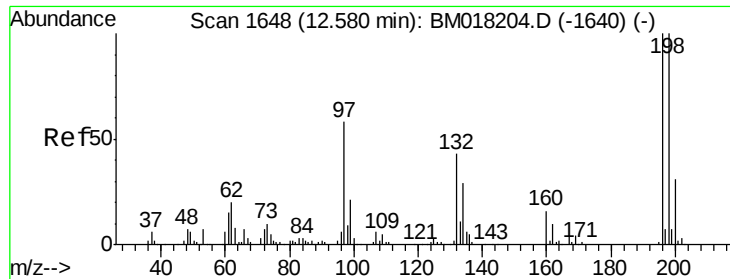


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

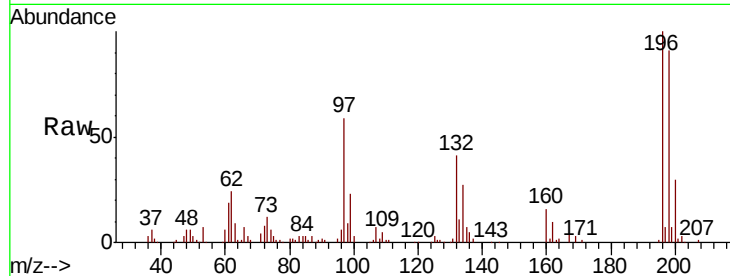




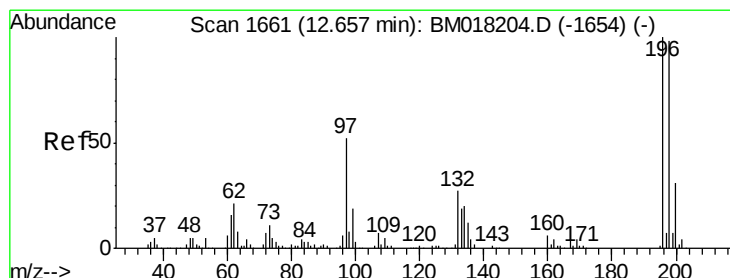
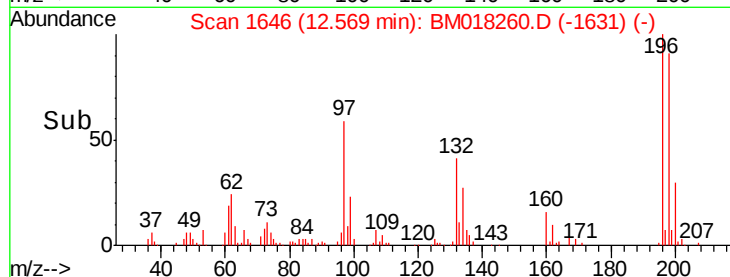
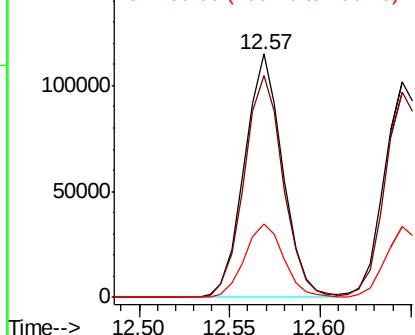
#43
 2,4,6-Trichlorophenol
 Concen: 37.141 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

Tgt Ion:196 Resp: 168266
 Ion Ratio Lower Upper
 196 100
 198 90.9 80.1 120.1
 200 30.2 24.9 37.3

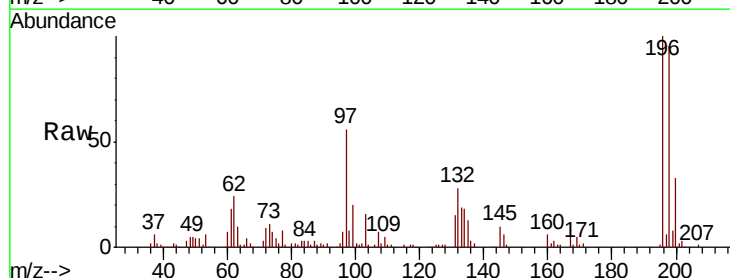


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

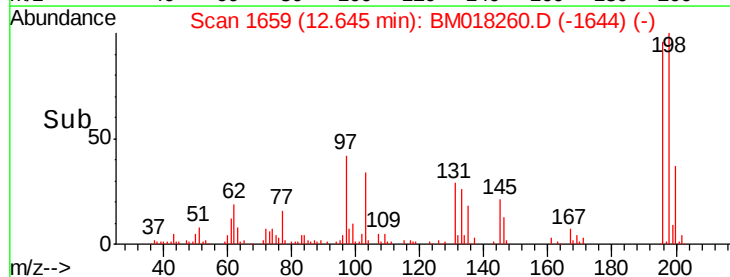
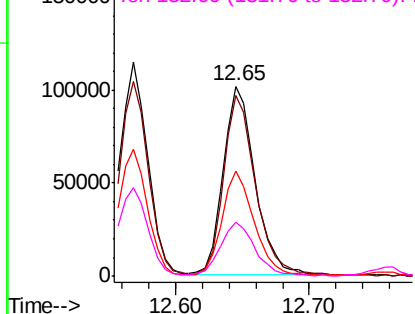


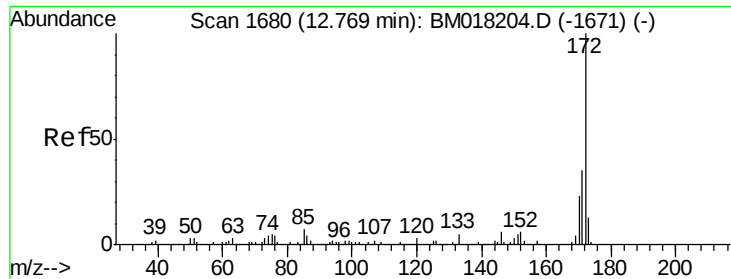
#44
 2,4,5-Trichlorophenol
 Concen: 35.371 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion:196 Resp: 170120
 Ion Ratio Lower Upper
 196 100
 198 95.2 78.5 117.7
 97 55.7 41.9 62.9
 132 28.4 21.7 32.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

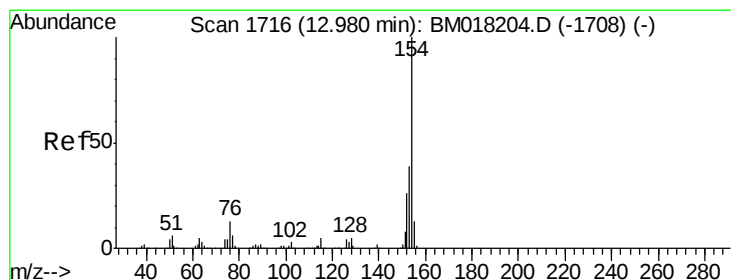
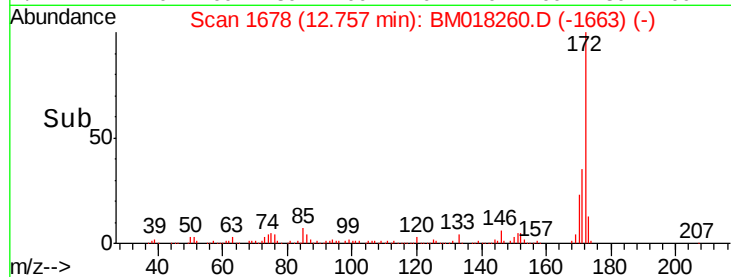
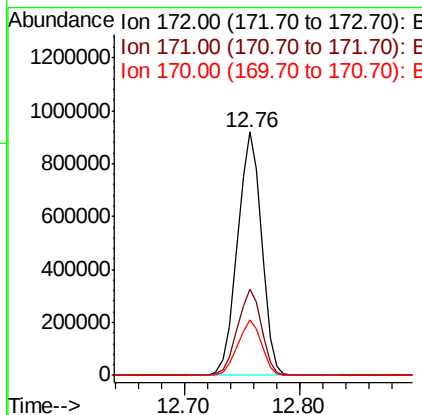
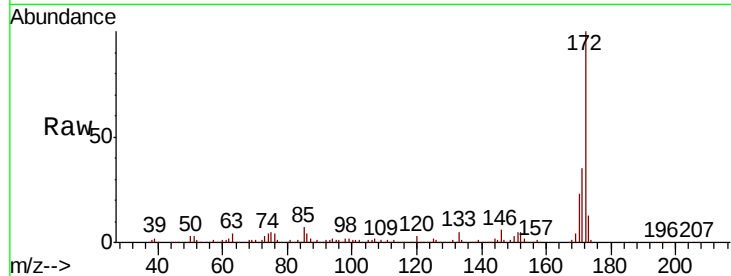




#45
 2-Fluorobiphenyl
 Concen: 83.766 ng
 RT: 12.76 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

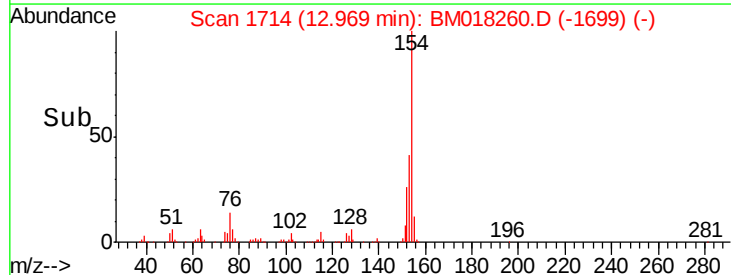
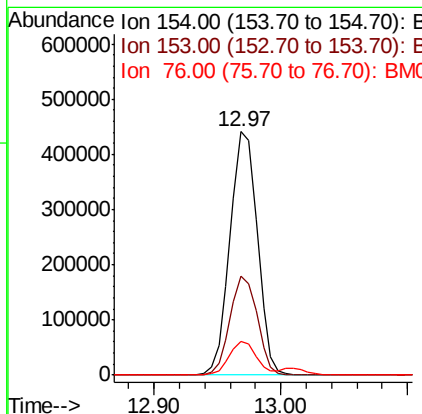
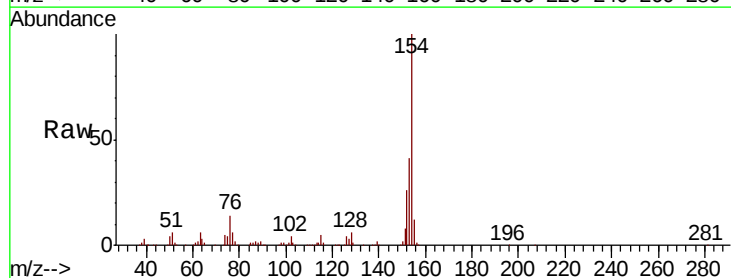
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

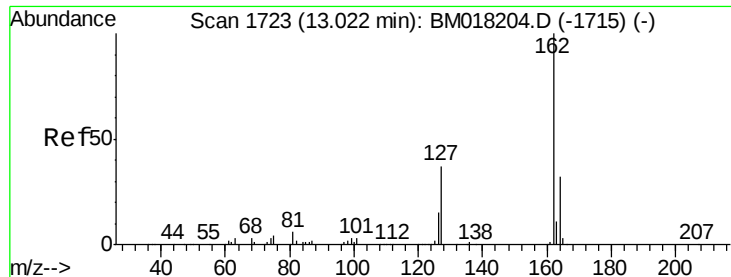
Tgt Ion:172 Resp: 1324737
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 170 22.6 18.1 27.1



#46
 1,1'-Biphenyl
 Concen: 35.844 ng
 RT: 12.97 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion:154 Resp: 660536
 Ion Ratio Lower Upper
 154 100
 153 40.8 19.5 59.5
 76 13.7 0.0 33.1

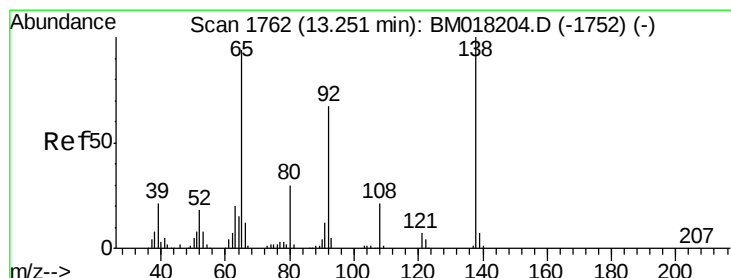
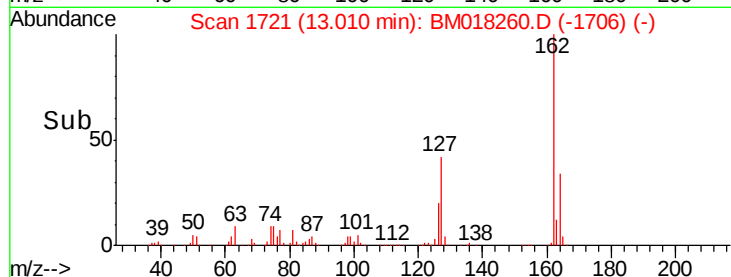
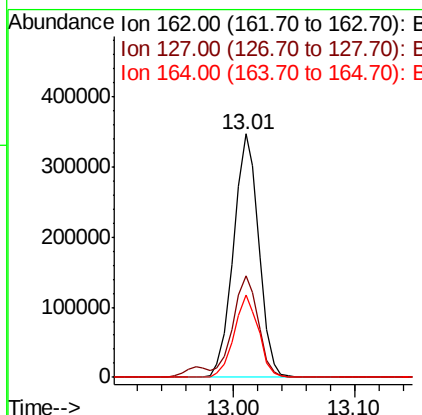
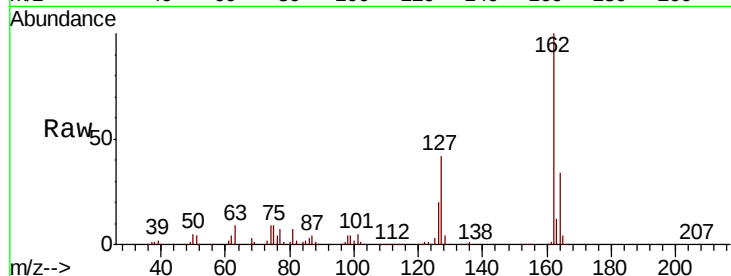




#47
 2-Chloronaphthalene
 Concen: 37.371 ng
 RT: 13.01 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

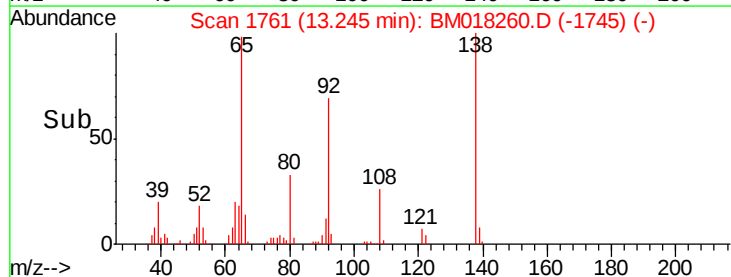
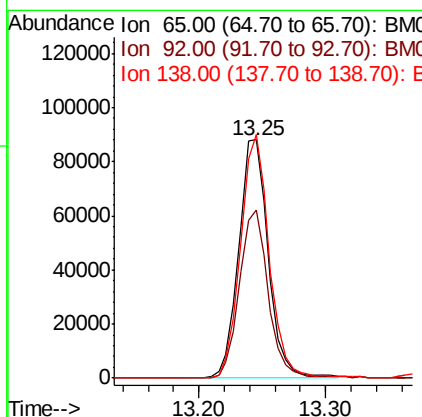
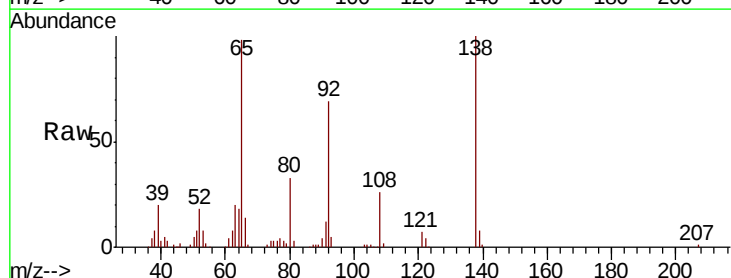
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

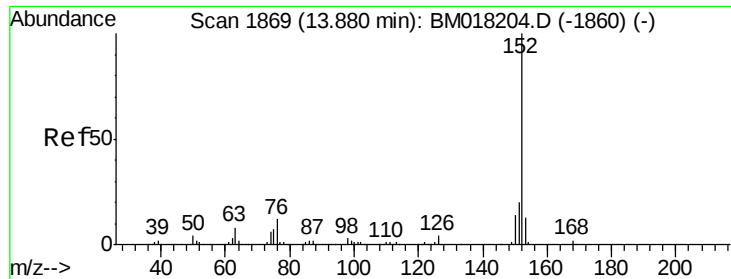
Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	31.8	47.8
164	33.6	25.9	38.9



#48
 2-Nitroaniline
 Concen: 33.944 ng
 RT: 13.25 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.6	56.8	85.2
138	102.1	85.1	127.7





#49

Acenaphthylene

Concen: 38.207 ng

RT: 13.87 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

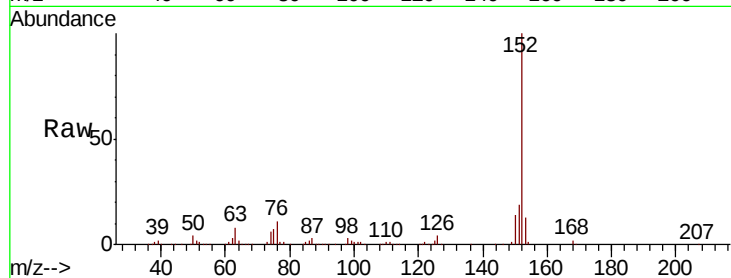
Tgt Ion:152 Resp: 780930

Ion Ratio Lower Upper

152 100

151 18.7 16.0 24.0

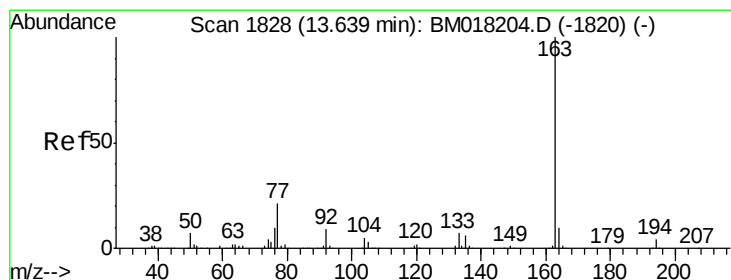
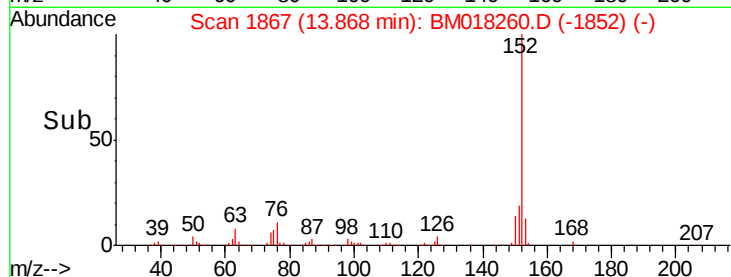
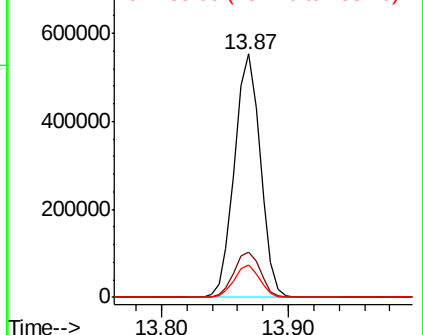
153 13.3 10.2 15.2



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: 33.693 ng

RT: 13.62 min Scan# 1825

Delta R.T. -0.02 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

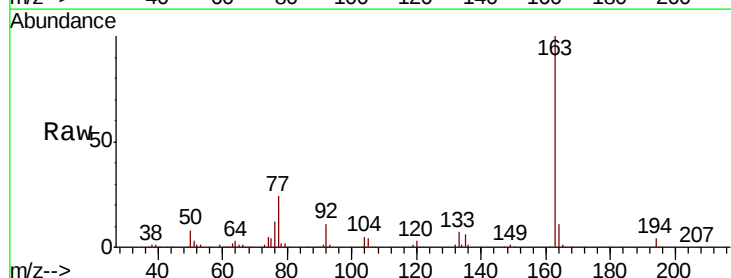
Tgt Ion:163 Resp: 573775

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

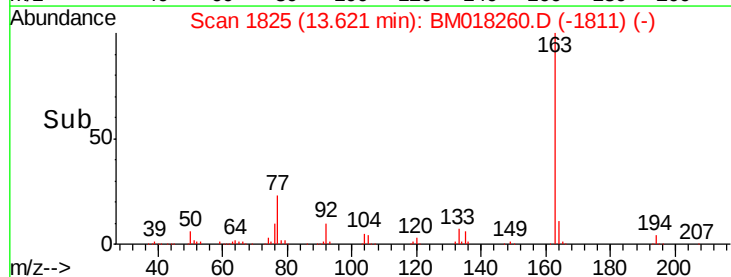
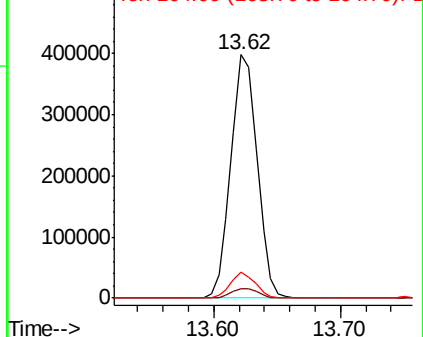
164 10.8 7.9 11.9

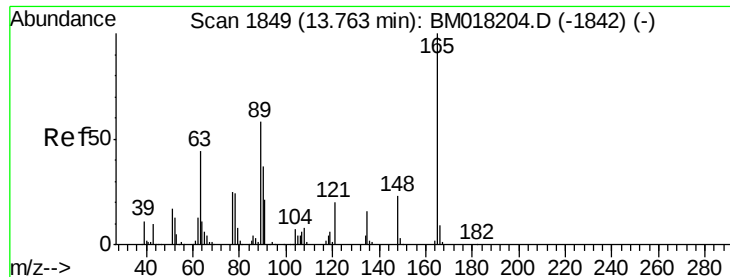


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

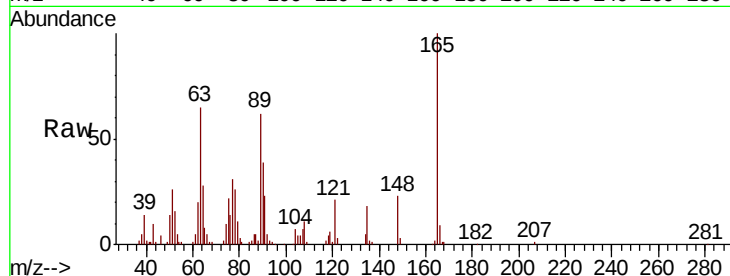




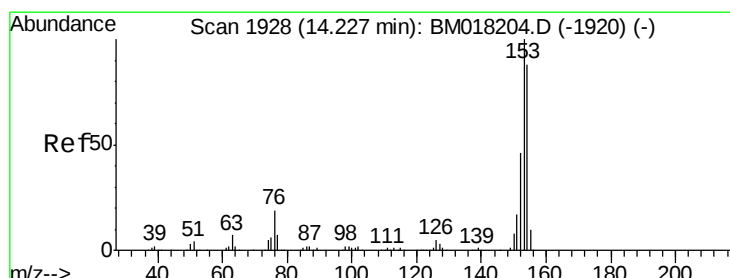
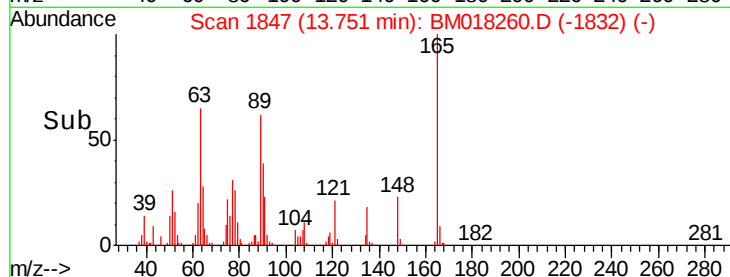
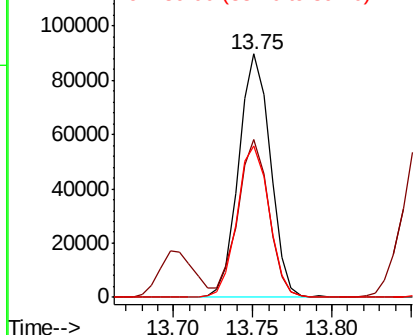
#51
2,6-Dinitrotoluene
Concen: 33.229 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.7	46.6	69.8
89	62.1	46.3	69.5

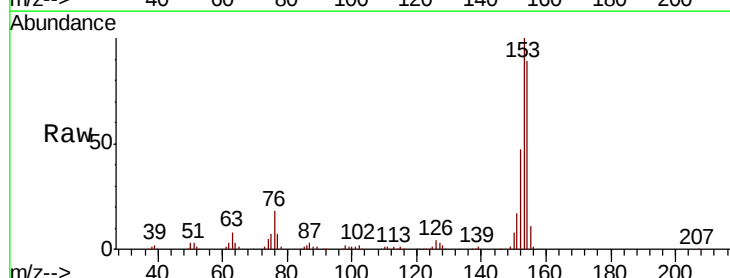


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM

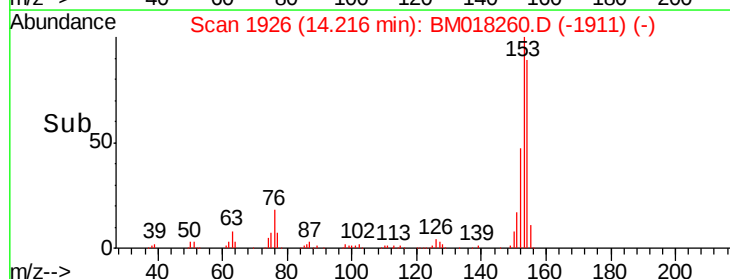
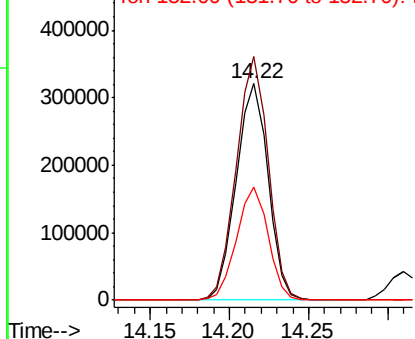


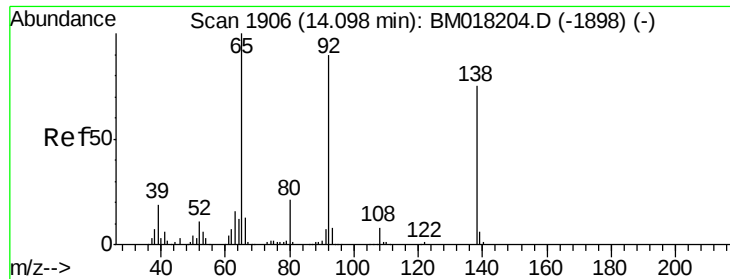
#52
Acenaphthene
Concen: 35.883 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.4	135.6
152	52.5	41.2	61.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 14.126 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

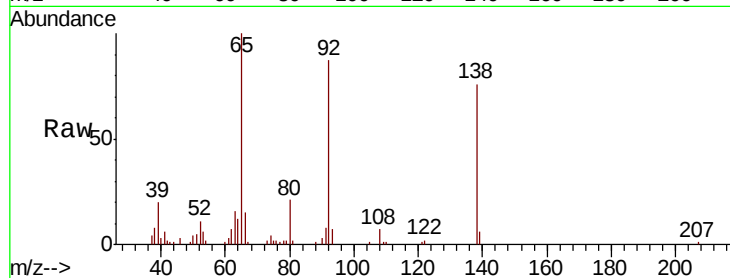
Tgt Ion:138 Resp: 55650

Ion Ratio Lower Upper

138 100

108 8.7 8.4 12.6

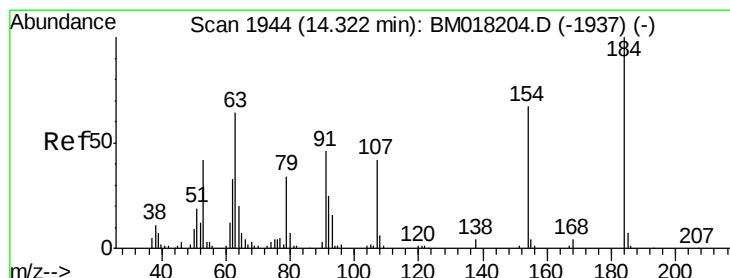
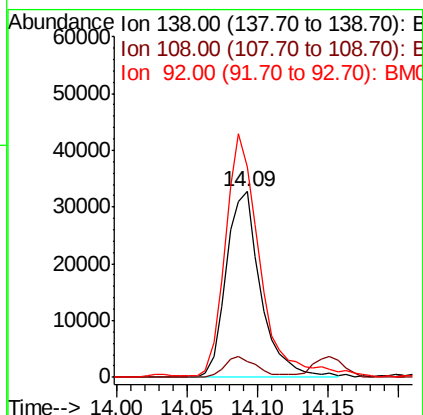
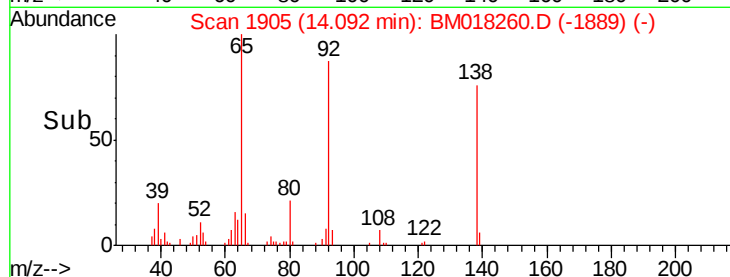
92 113.5 94.9 142.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 45.533 ng

RT: 14.31 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

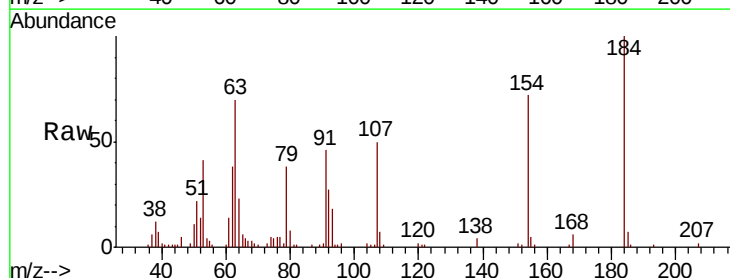
Tgt Ion:184 Resp: 94030

Ion Ratio Lower Upper

184 100

63 70.0 51.6 77.4

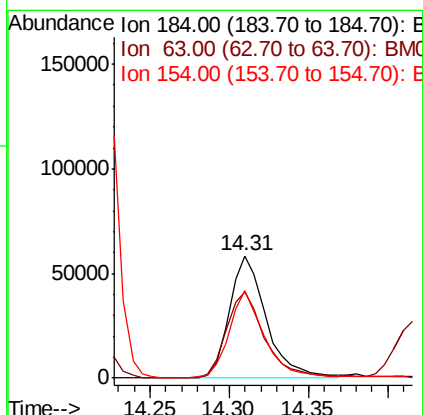
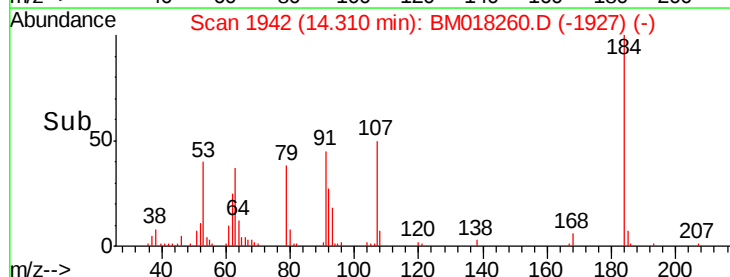
154 71.5 54.0 81.0

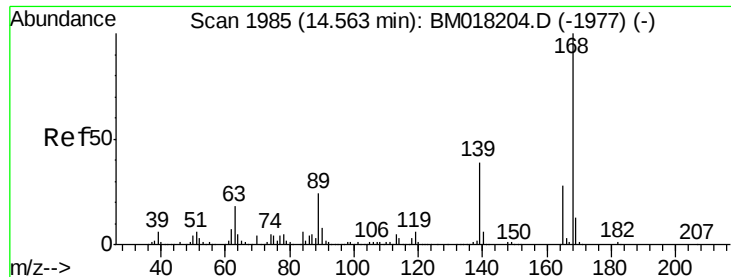


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

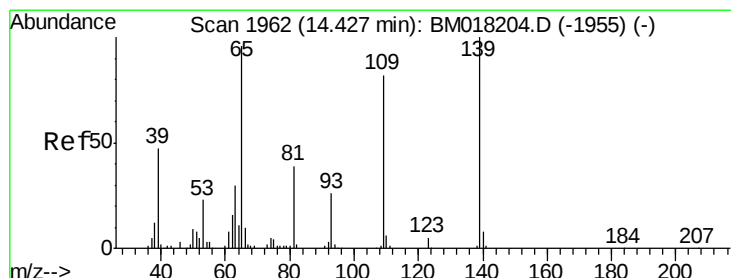
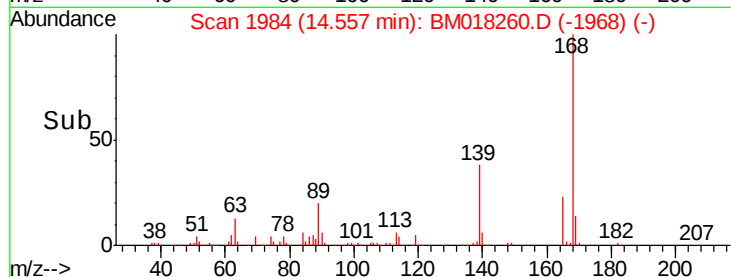
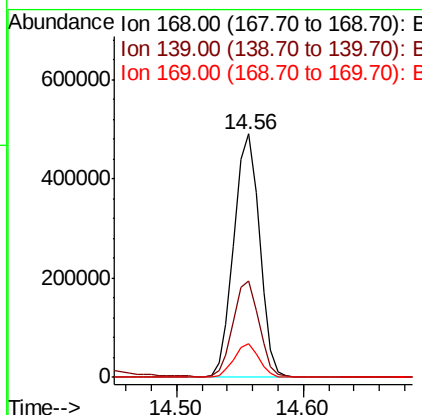
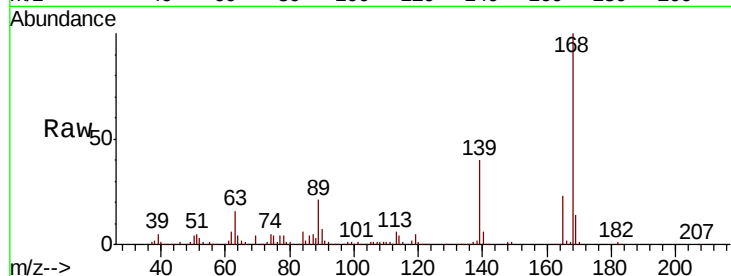




#55
Dibenzenofuran
Concen: 34.367 ng
RT: 14.56 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

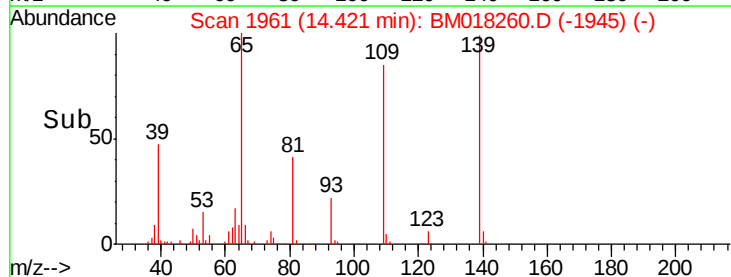
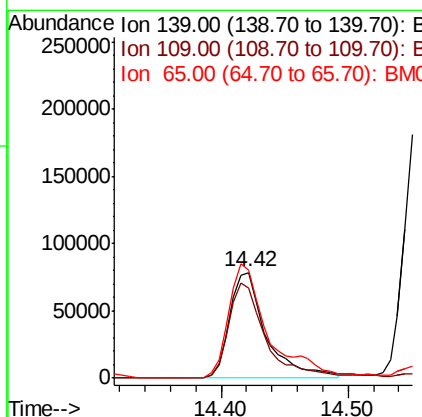
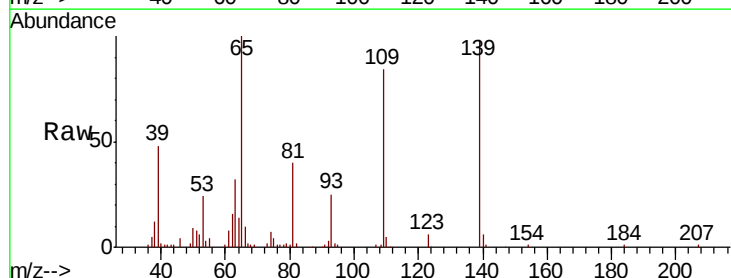
Instrument :
BNA_M
ClientSampleId :
PB115777BS

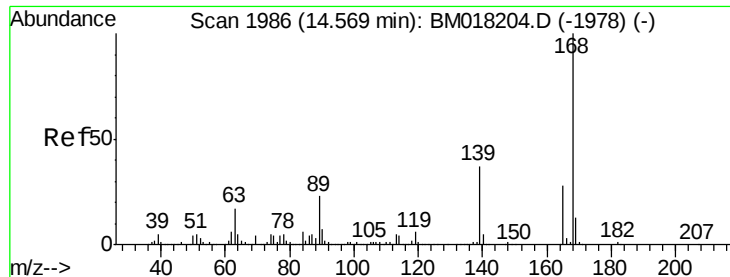
Tgt Ion:168 Resp: 689791
Ion Ratio Lower Upper
168 100
139 39.7 31.2 46.8
169 14.1 10.4 15.6



#56
4-Nitrophenol
Concen: 52.817 ng
RT: 14.42 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion:139 Resp: 157762
Ion Ratio Lower Upper
139 100
109 85.7 62.3 102.3
65 102.5 76.4 116.4

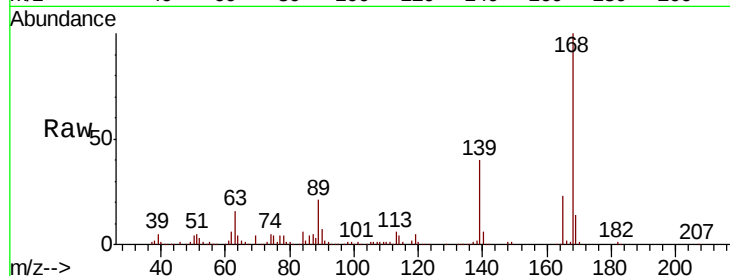




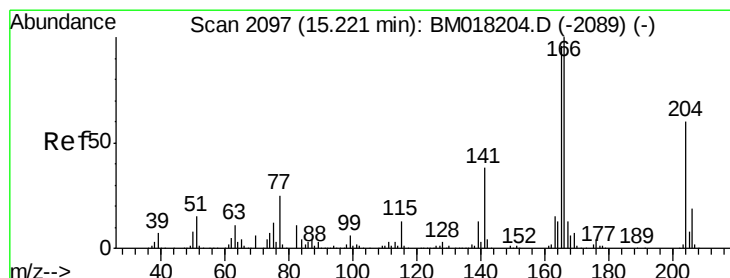
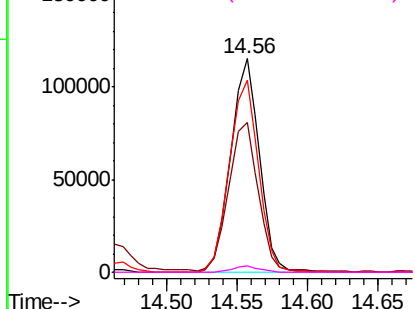
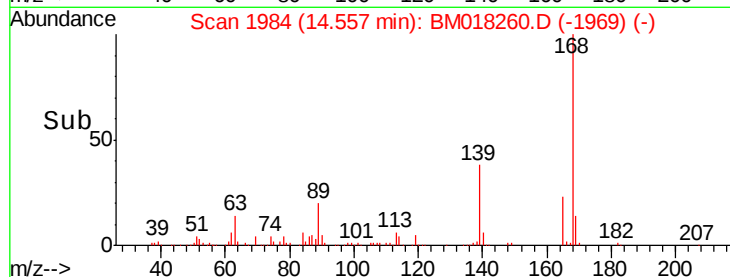
#57
 2,4-Dinitrotoluene
 Concen: 31.472 ng
 RT: 14.56 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

Tgt Ion:165 Resp: 162856
 Ion Ratio Lower Upper
 165 100
 63 69.9 47.2 70.8
 89 89.6 65.8 98.8
 182 3.0 2.2 3.4

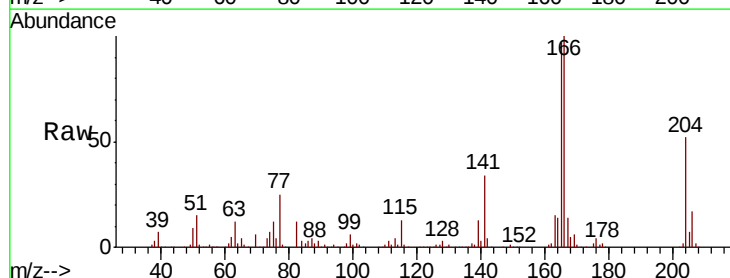


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM
 Ion 182.00 (181.70 to 182.70): E

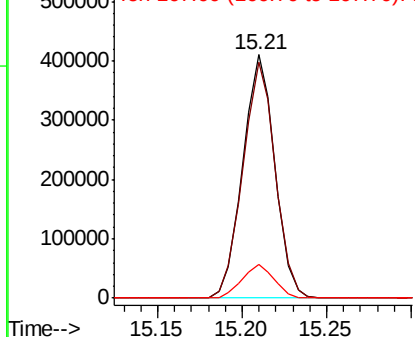
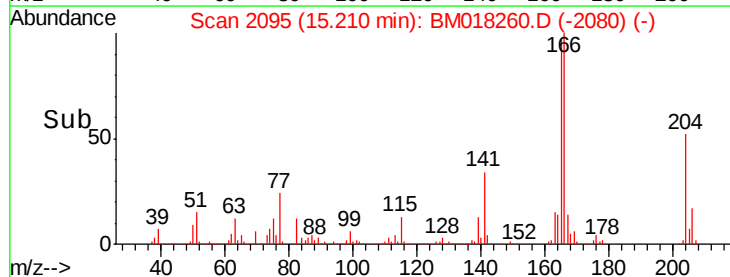


#58
 Fluorene
 Concen: 34.945 ng
 RT: 15.21 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion:166 Resp: 541728
 Ion Ratio Lower Upper
 166 100
 165 96.9 76.9 115.3
 167 13.7 10.5 15.7



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

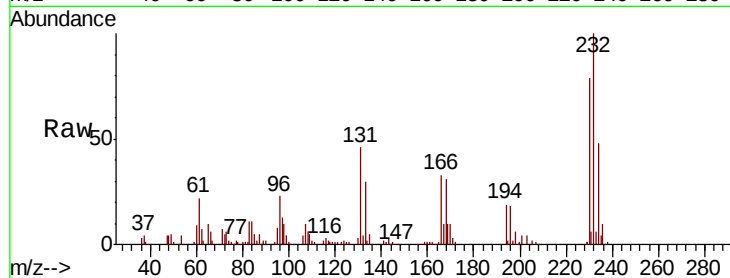




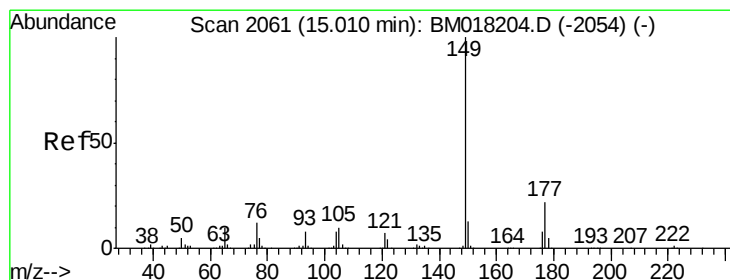
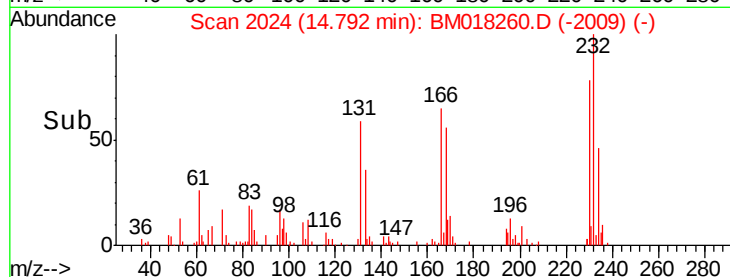
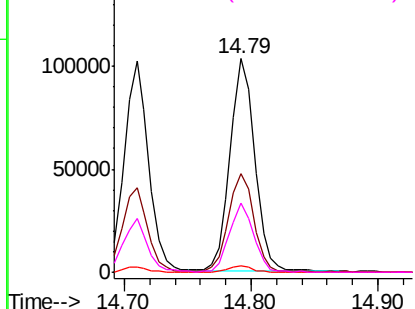
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.343 ng
RT: 14.79 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion:232 Resp: 140094
Ion Ratio Lower Upper
232 100
131 47.7 36.2 54.2
130 2.7 1.8 2.6#
166 32.0 24.8 37.2

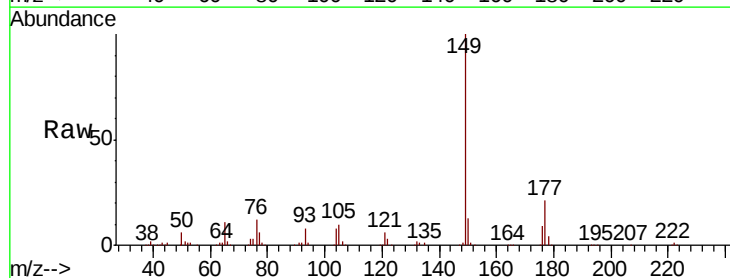


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

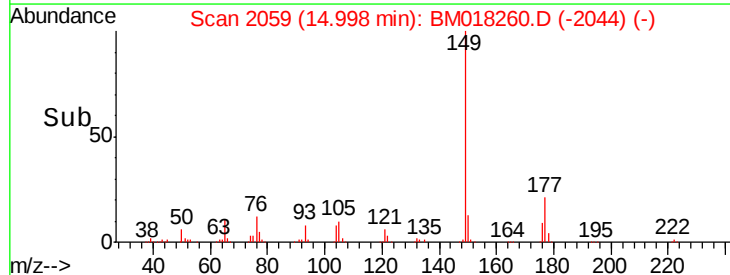
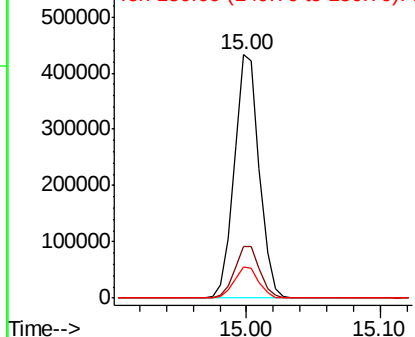


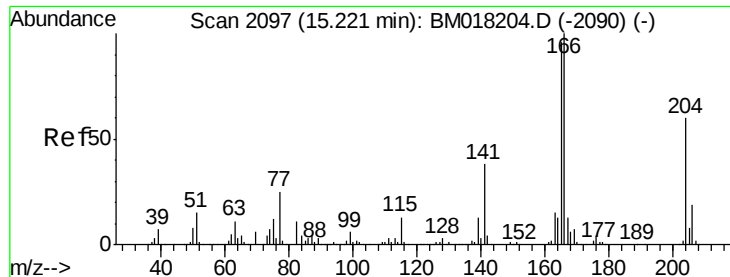
#60
Diethylphthalate
Concen: 30.552 ng
RT: 15.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion:149 Resp: 561488
Ion Ratio Lower Upper
149 100
177 21.1 17.8 26.8
150 12.7 10.3 15.5



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

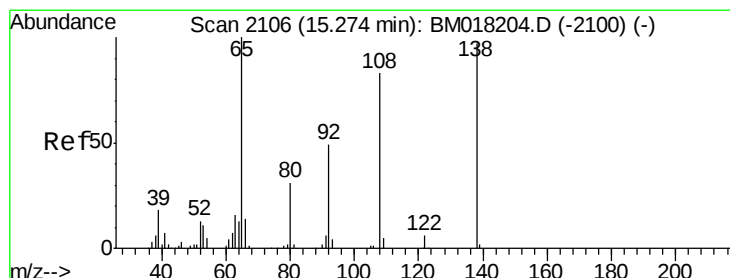
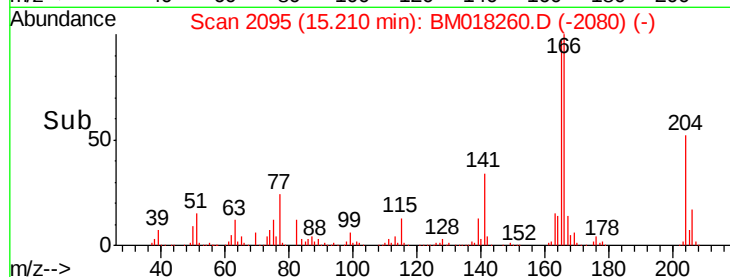
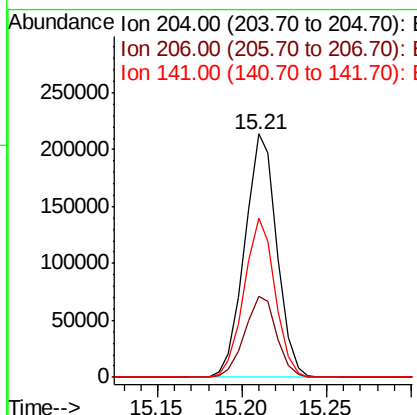
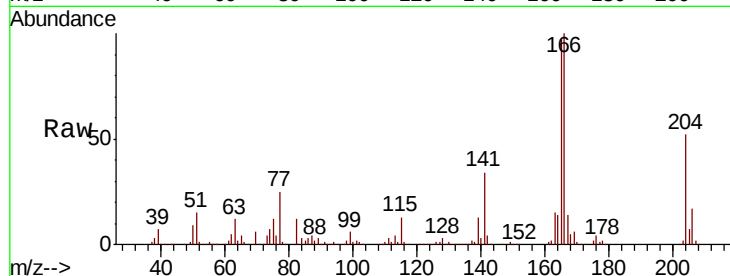




#61
 4-Chlorophenyl-phenylether
 Concen: 32.327 ng
 RT: 15.21 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

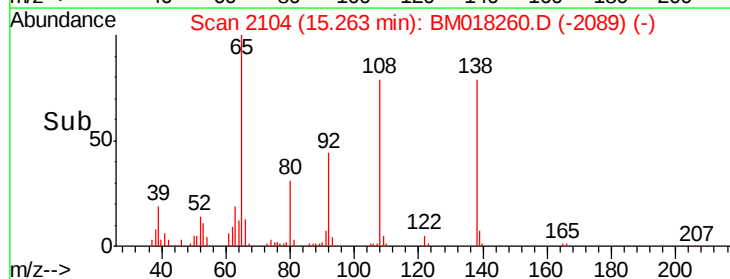
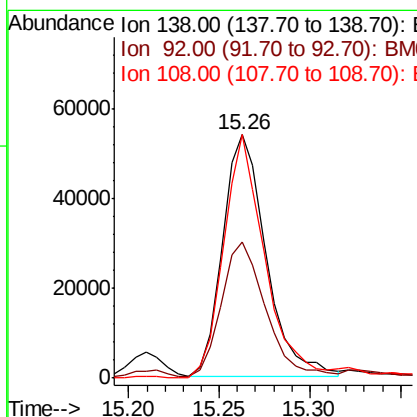
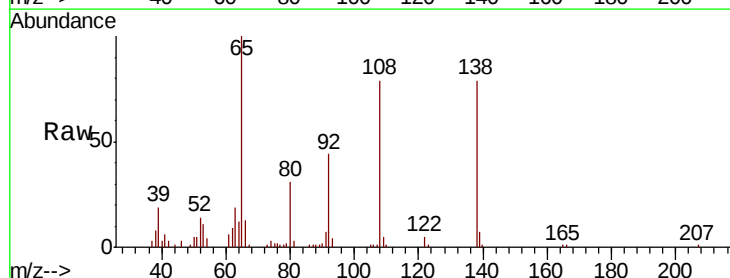
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

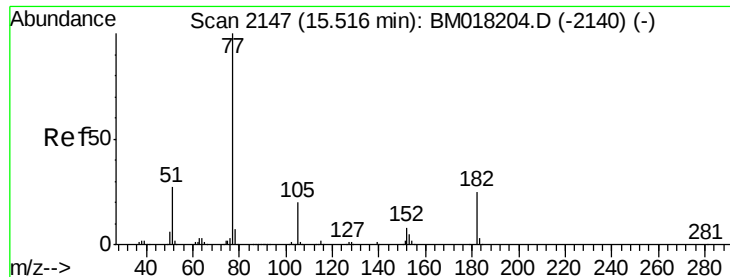
Tgt Ion: 204 Resp: 283420
 Ion Ratio Lower Upper
 204 100
 206 33.5 25.8 38.6
 141 65.4 50.2 75.4



#62
 4-Nitroaniline
 Concen: 23.874 ng
 RT: 15.26 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion: 138 Resp: 89245
 Ion Ratio Lower Upper
 138 100
 92 56.0 31.1 71.1
 108 99.9 65.0 105.0

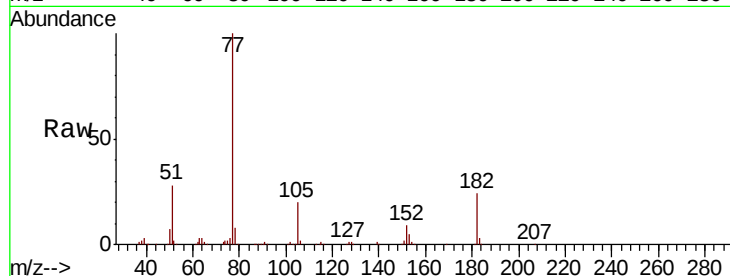




#63
Azobenzene
Concen: 34.158 ng
RT: 15.50 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion:	77	Resp:	572390
Ion	Ratio	Lower	Upper
77	100		
182	23.5	4.6	44.6
105	19.7	0.2	40.2
51	27.6	7.0	47.0

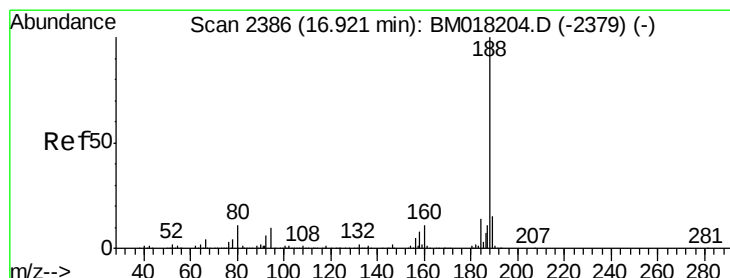
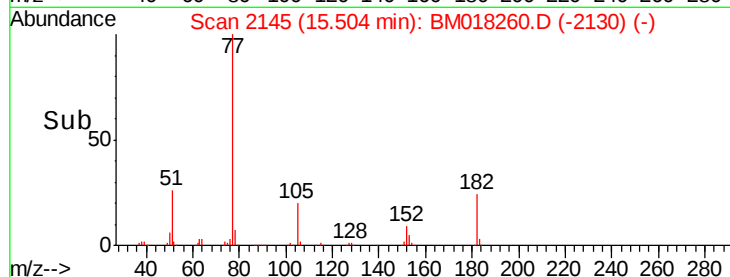
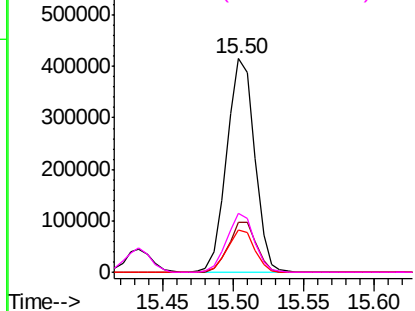


Abundance Ion 77.00 (76.70 to 77.70): BM018260.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): E

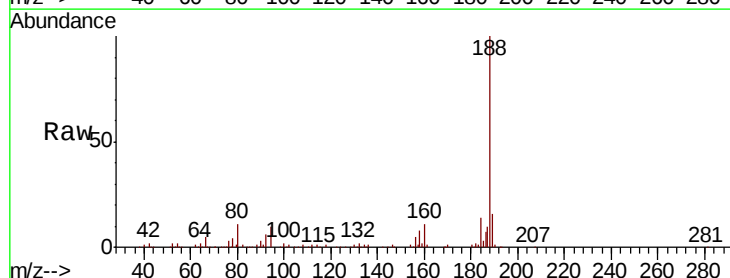
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM018260.D (-2130) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

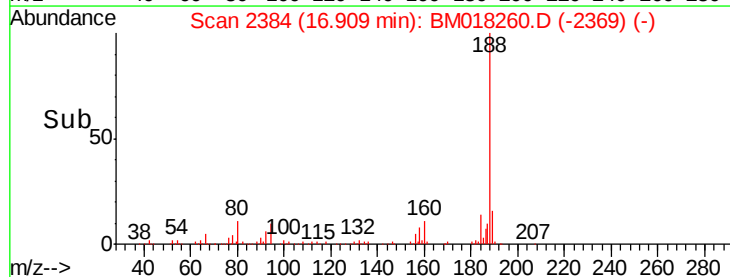
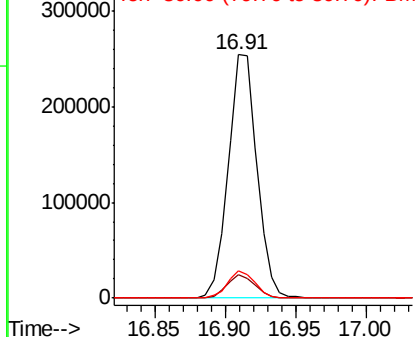
Tgt Ion:	188	Resp:	360113
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.0	12.0
80	11.5	9.0	13.6

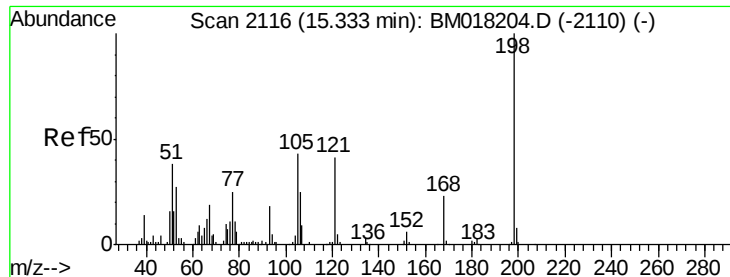


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM018260.D (-2369) (-)

Ion 80.00 (79.70 to 80.70): BM018260.D (-2369) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 25.872 ng

RT: 15.33 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

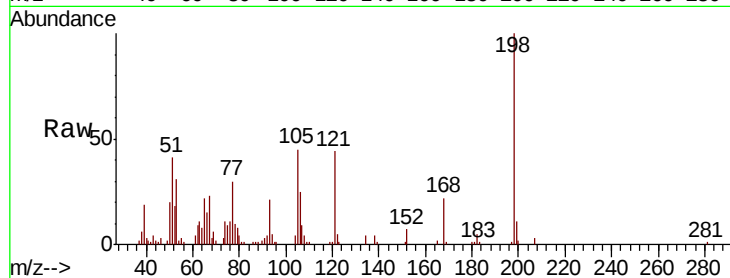
Tgt Ion:198 Resp: 68589

Ion Ratio Lower Upper

198 100

51 40.9 18.6 58.6

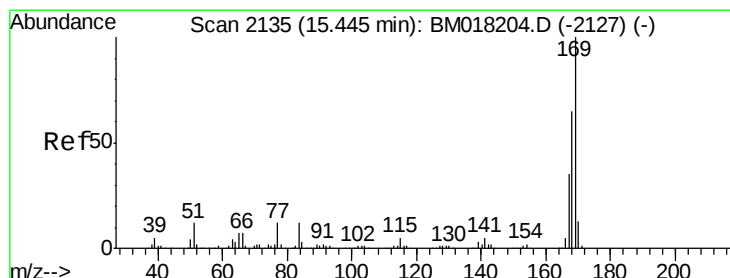
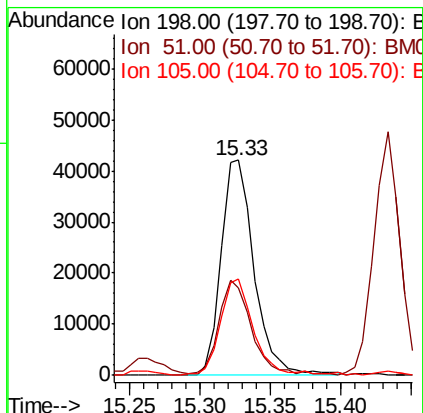
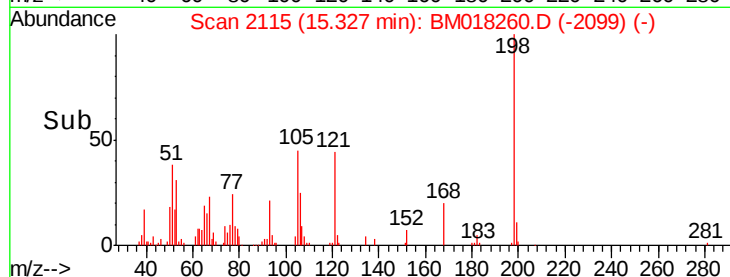
105 45.1 22.9 62.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM018260.D (-2110) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.731 ng

RT: 15.43 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

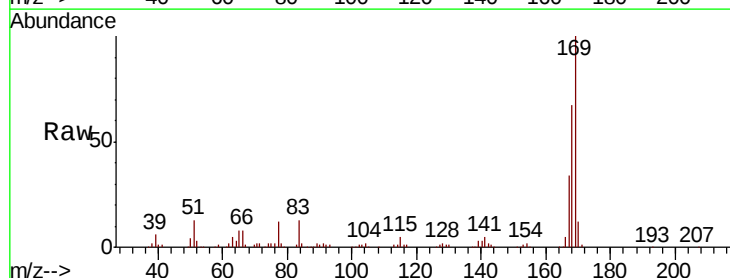
Tgt Ion:169 Resp: 461223

Ion Ratio Lower Upper

169 100

168 66.9 52.2 78.4

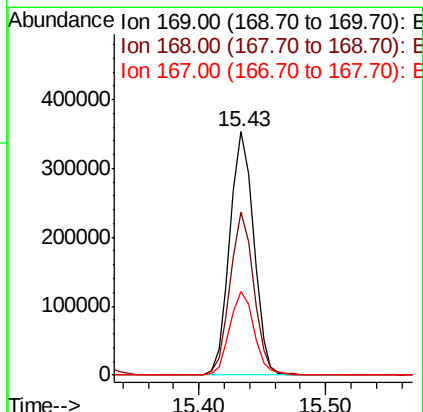
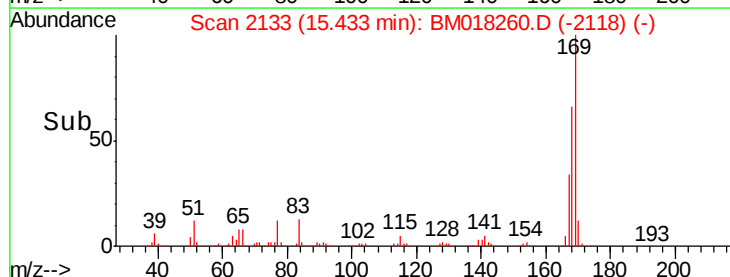
167 34.3 27.6 41.4



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

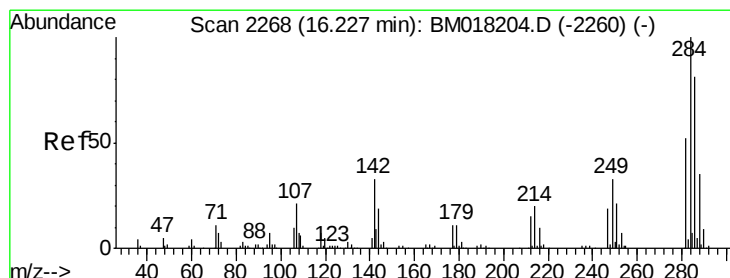
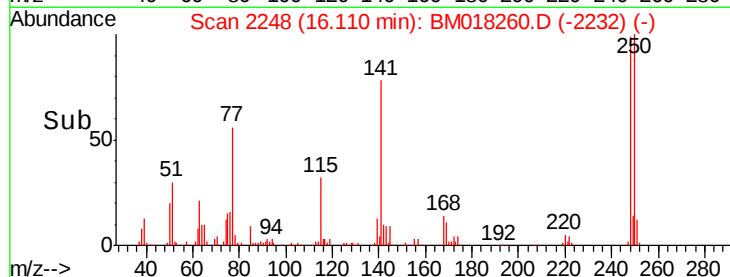
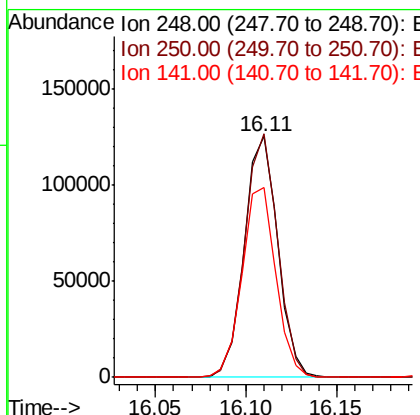
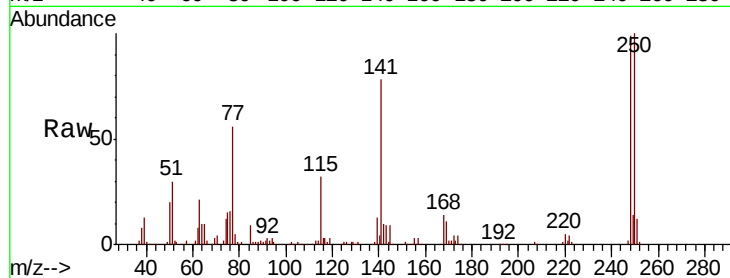




#67
 4-Bromophenyl-phenylether
 Concen: 36.932 ng
 RT: 16.11 min Scan# 2248
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

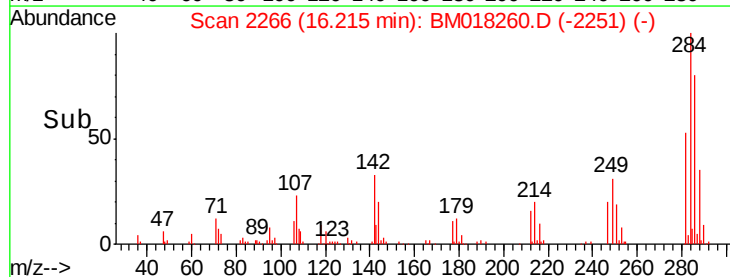
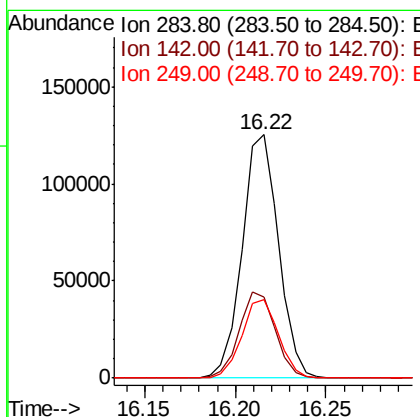
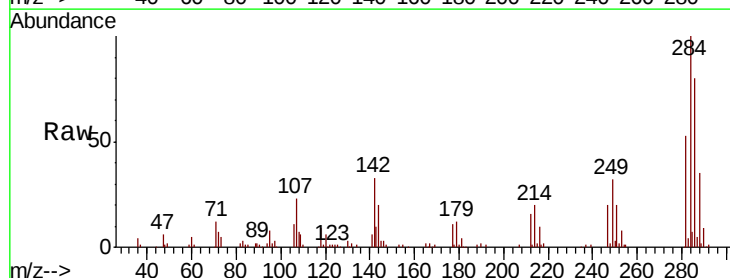
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

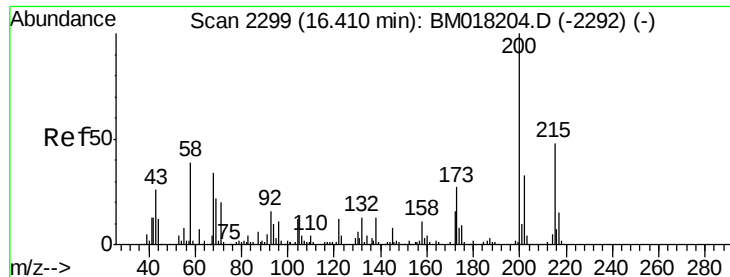
Tgt Ion:248 Resp: 161072
 Ion Ratio Lower Upper
 248 100
 250 101.2 78.7 118.1
 141 78.8 62.2 93.4



#68
 Hexachlorobenzene
 Concen: 36.477 ng
 RT: 16.22 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion:284 Resp: 174287
 Ion Ratio Lower Upper
 284 100
 142 33.2 26.2 39.4
 249 32.0 26.2 39.2





#69

Atrazine

Concen: 38.176 ng

RT: 16.40 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

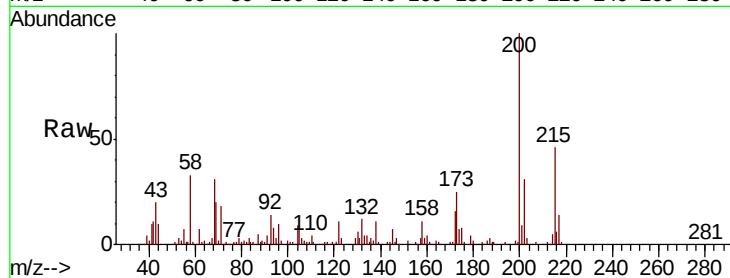
Tgt Ion:200 Resp: 153474

Ion Ratio Lower Upper

200 100

173 25.0 6.9 46.9

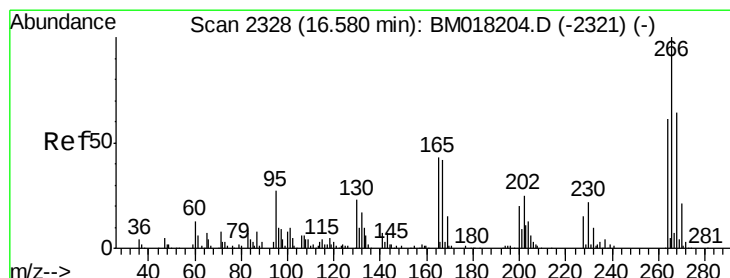
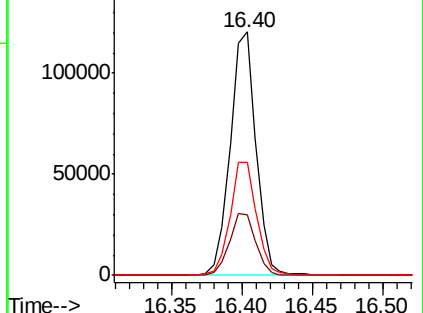
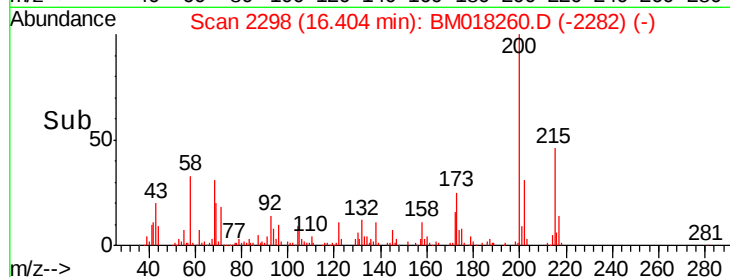
215 46.4 27.9 67.9



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: 58.331 ng

RT: 16.57 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

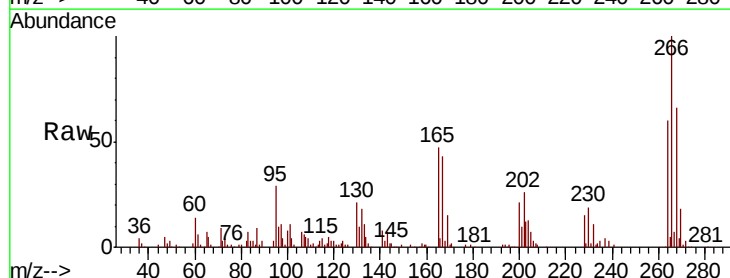
Tgt Ion:266 Resp: 184065

Ion Ratio Lower Upper

266 100

268 66.4 51.1 76.7

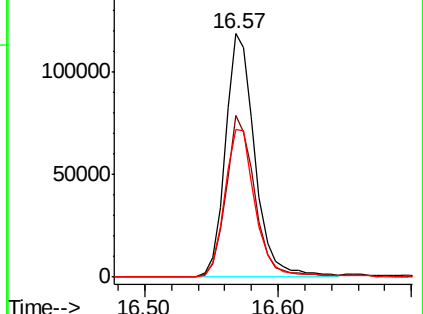
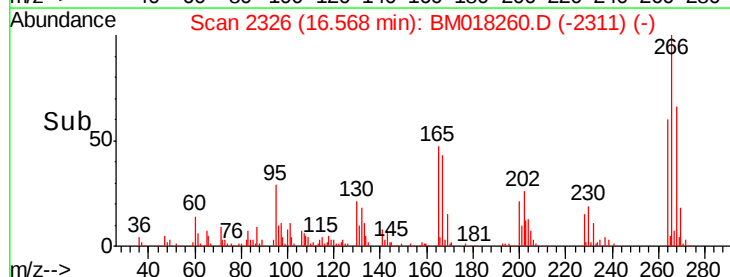
264 60.5 49.0 73.4

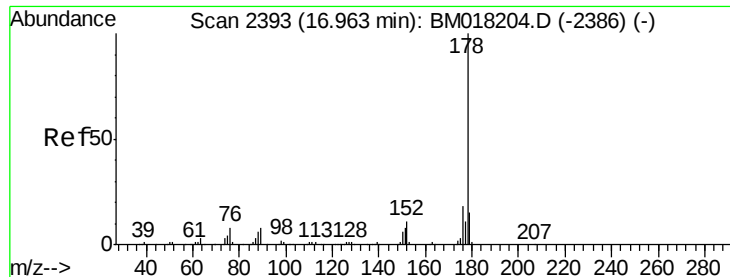


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

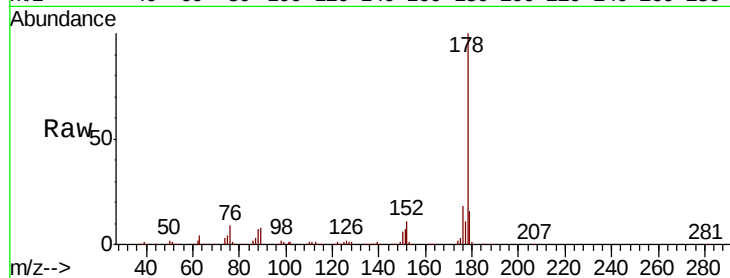




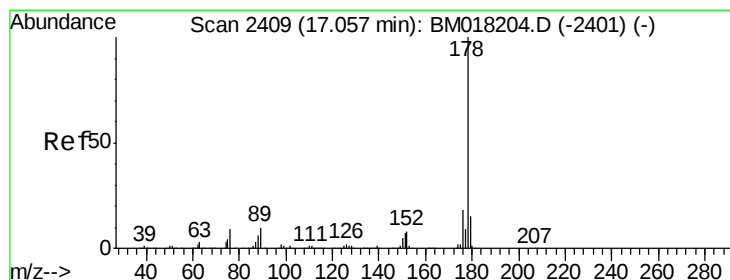
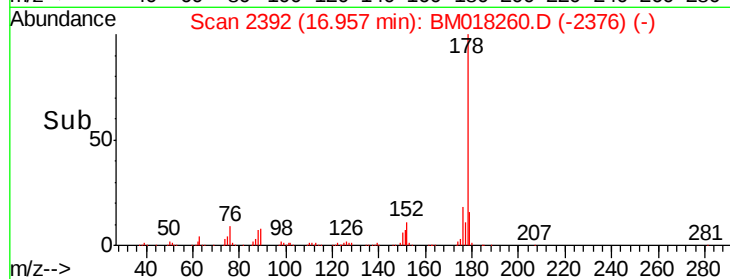
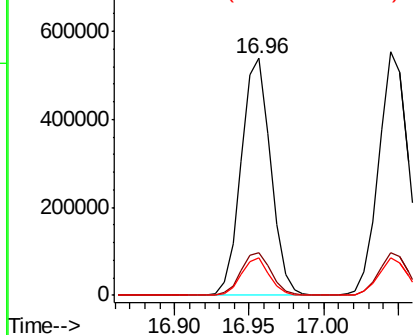
#71
Phenanthrene
Concen: 37.759 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion:178 Resp: 738583
Ion Ratio Lower Upper
178 100
176 17.9 14.7 22.1
179 15.9 12.0 18.0

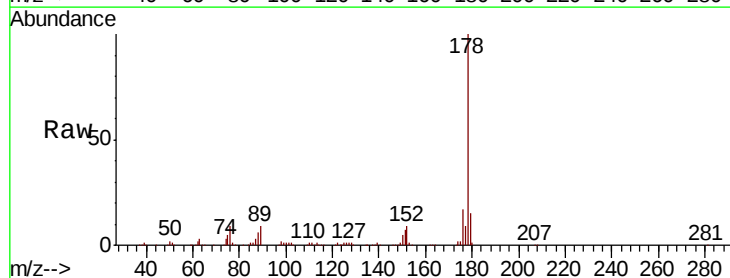


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

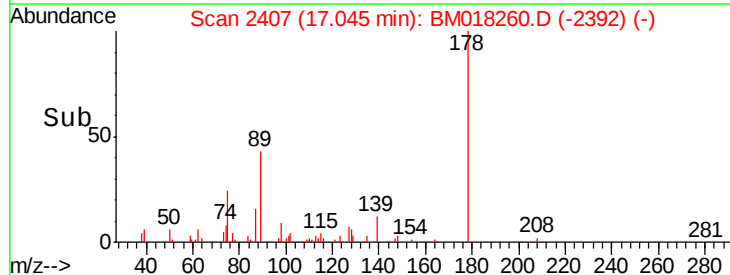
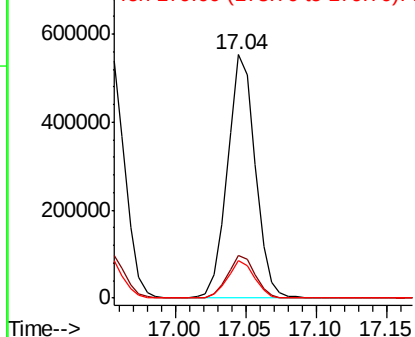


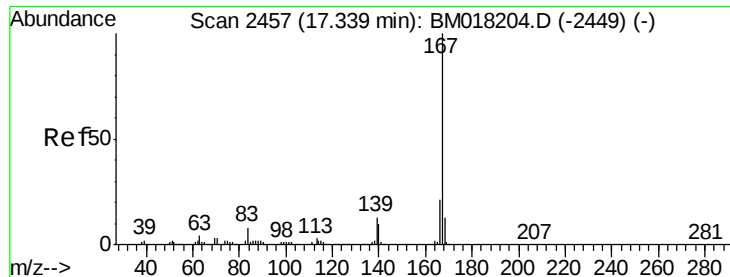
#72
Anthracene
Concen: 38.885 ng
RT: 17.04 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion:178 Resp: 754578
Ion Ratio Lower Upper
178 100
176 17.3 14.3 21.5
179 15.2 12.0 18.0



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

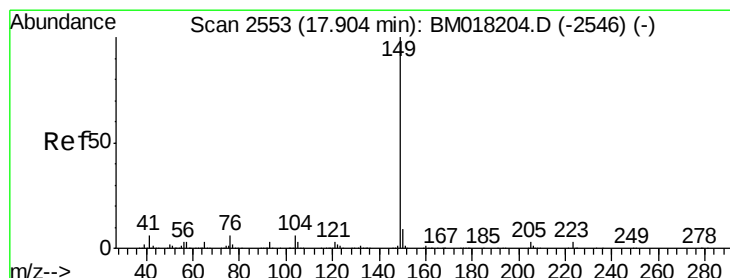
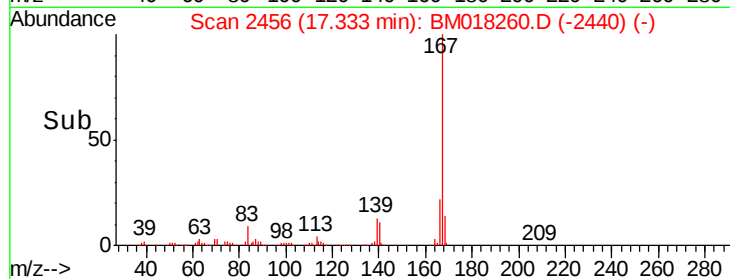
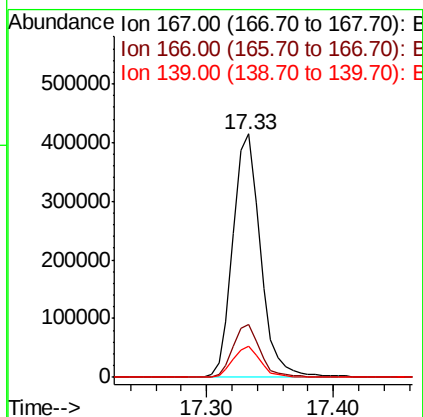
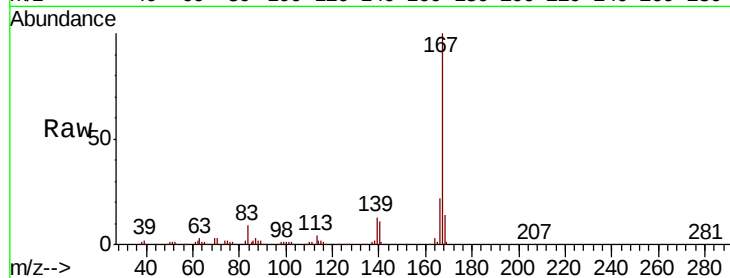




#73
 Carbazole
 Concen: 31.348 ng
 RT: 17.33 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

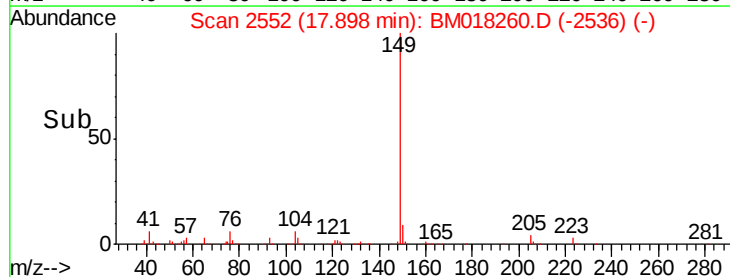
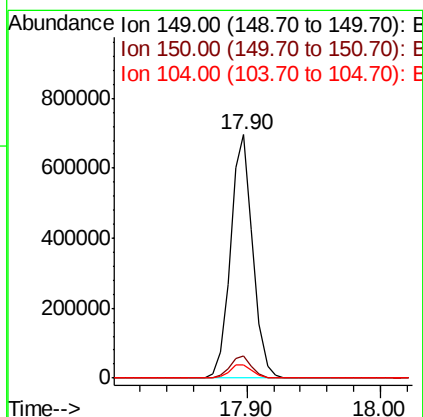
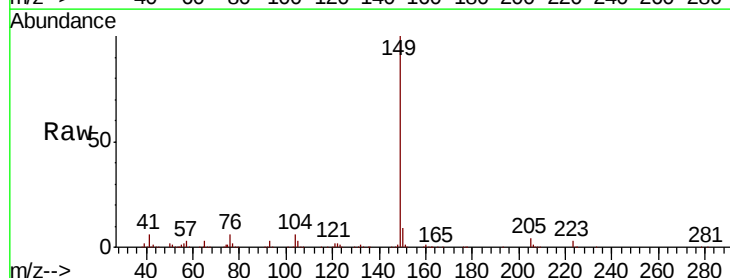
Instrument :
 BNA_M
 ClientSampleId :
 PB115777BS

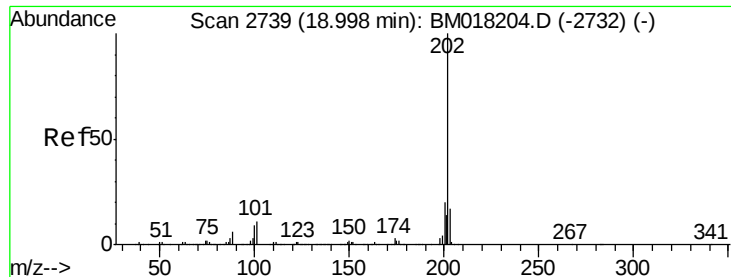
Tgt Ion:167 Resp: 624387
 Ion Ratio Lower Upper
 167 100
 166 21.8 16.8 25.2
 139 12.5 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 32.840 ng
 RT: 17.90 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BM018260.D
 Acq: 17 Dec 2018 23:07

Tgt Ion:149 Resp: 807079
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.6 4.8 7.2





#75

Fluoranthene

Concen: 32.893 ng

RT: 18.99 min Scan# 2737

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

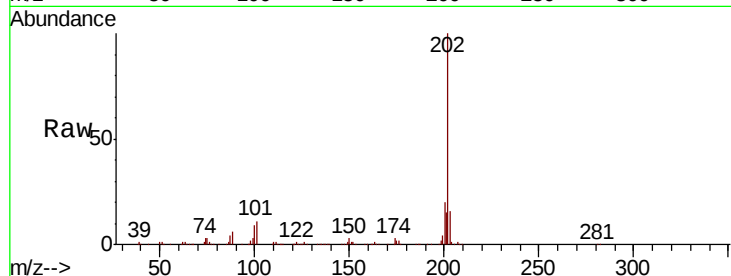
Tgt Ion:202 Resp: 748061

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.5

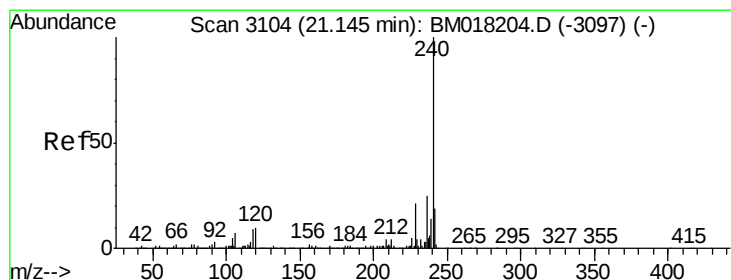
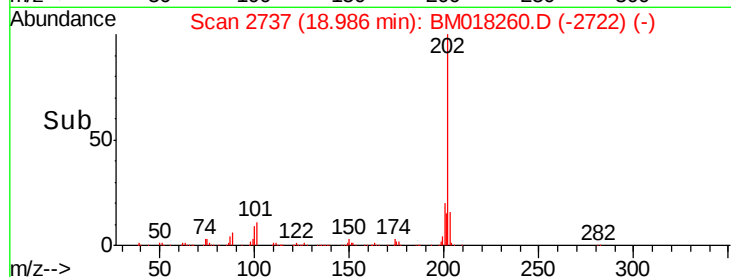
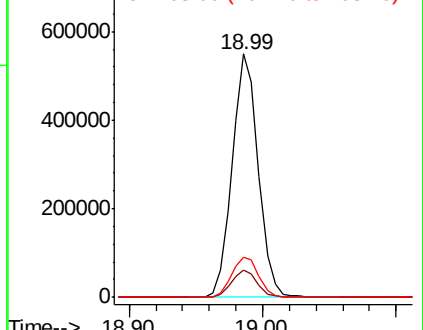
203 16.4 0.0 37.5



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: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

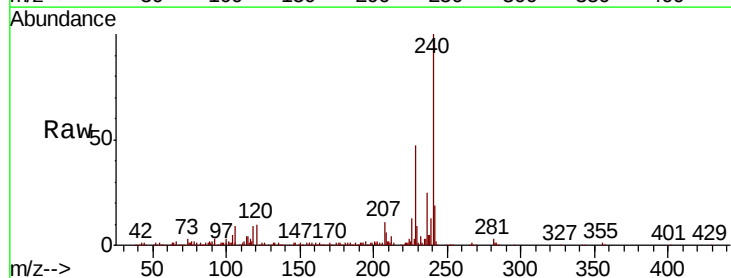
Tgt Ion:240 Resp: 362125

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

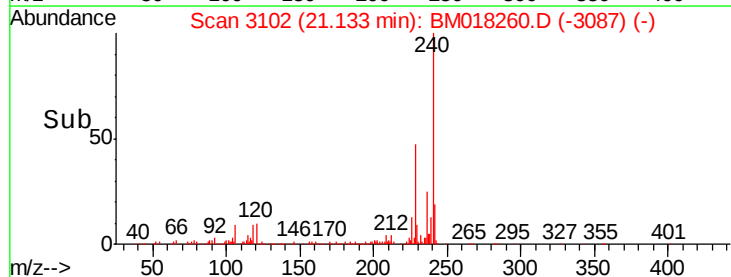
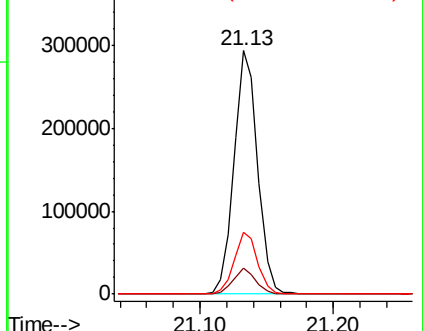
236 25.3 20.3 30.5

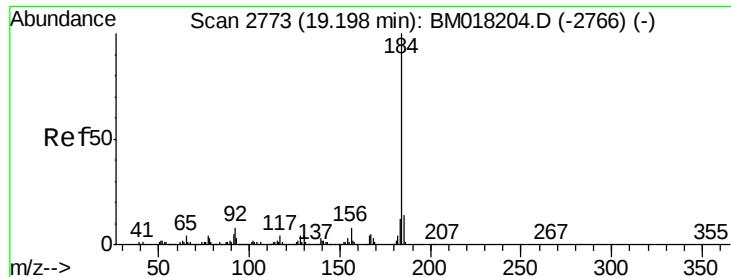


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.635 ng

RT: 19.20 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

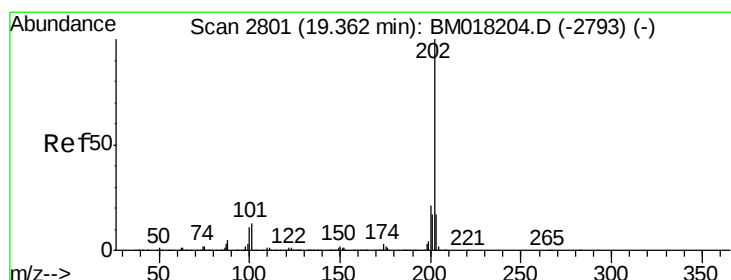
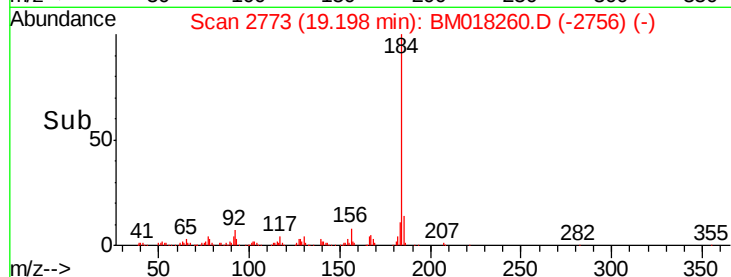
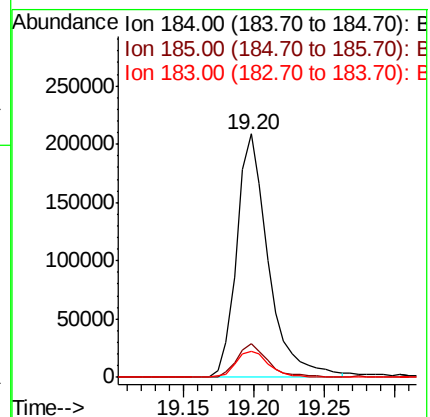
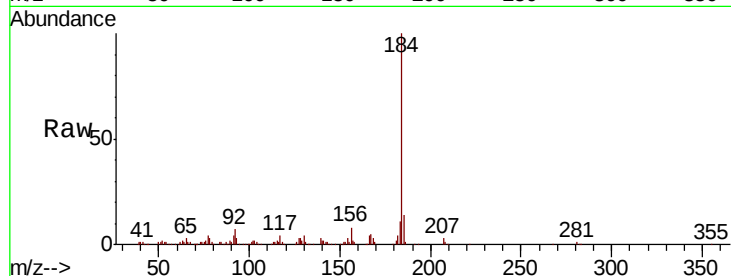
Tgt Ion:184 Resp: 327228

Ion Ratio Lower Upper

184 100

185 14.0 11.4 17.2

183 10.9 9.7 14.5



#78

Pyrene

Concen: 36.008 ng

RT: 19.35 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

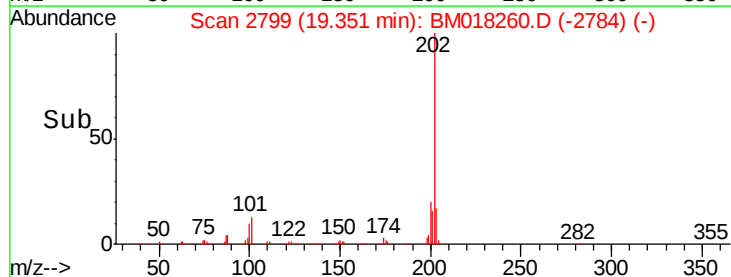
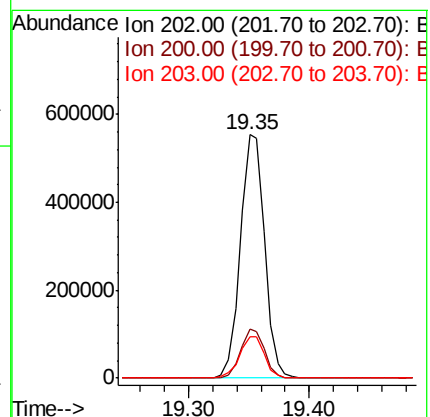
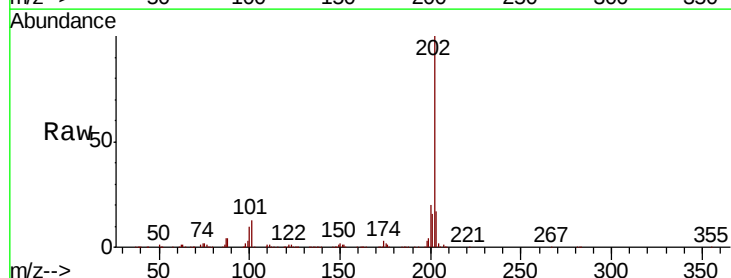
Tgt Ion:202 Resp: 776956

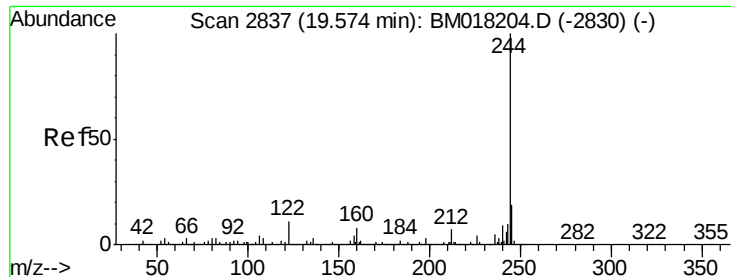
Ion Ratio Lower Upper

202 100

200 20.4 16.5 24.7

203 16.9 14.0 21.0





#79

Terphenyl-d14

Concen: 69.788 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

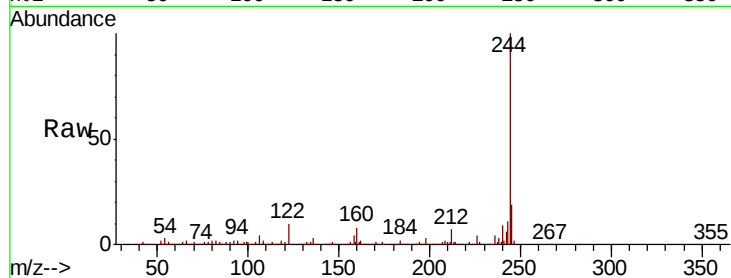
Tgt Ion:244 Resp: 1117418

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

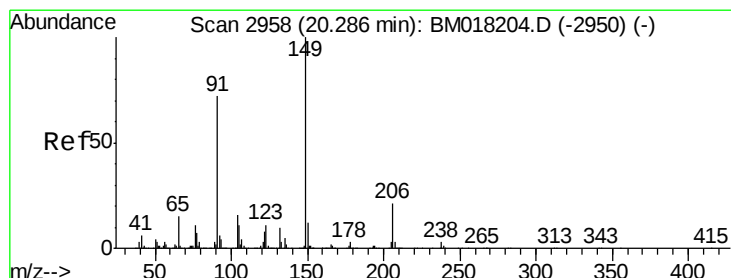
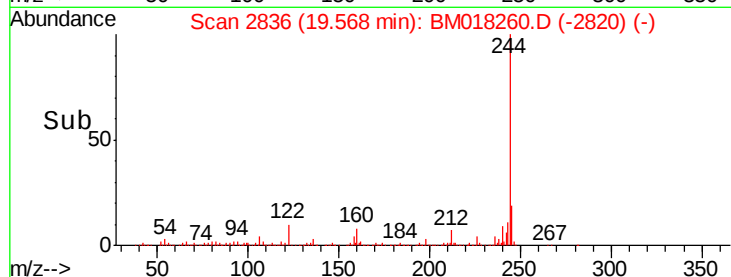
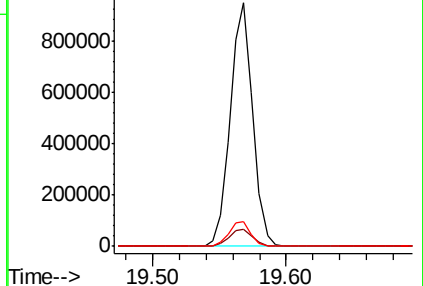
122 10.1 9.0 13.6



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: 32.309 ng

RT: 20.28 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

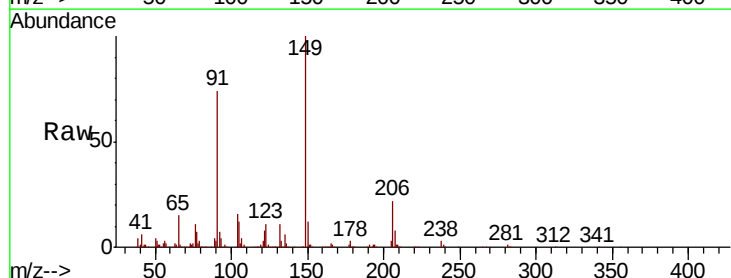
Tgt Ion:149 Resp: 331655

Ion Ratio Lower Upper

149 100

91 73.9 57.4 86.2

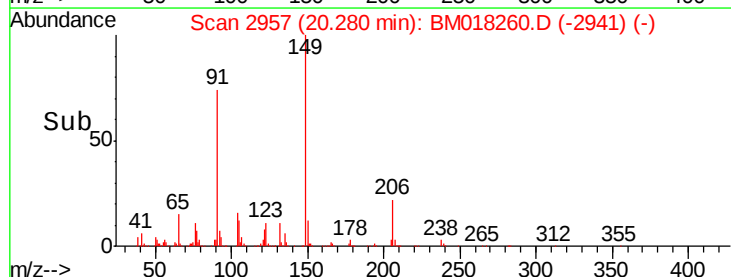
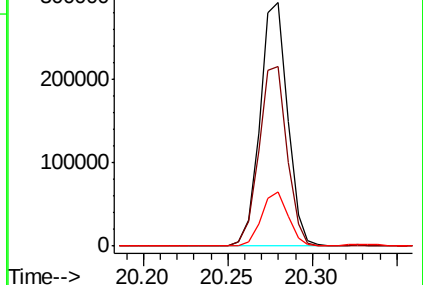
206 22.4 17.0 25.4

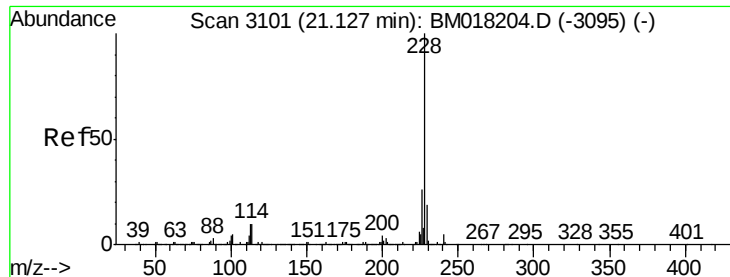


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E

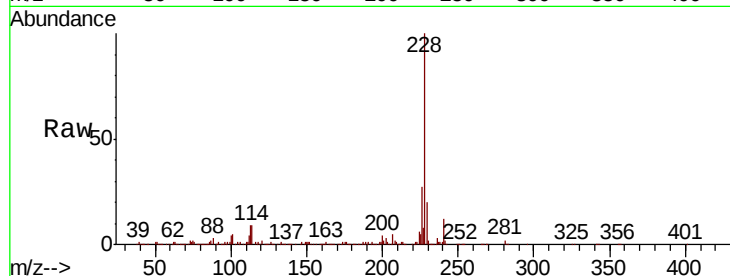




#81
Benzo(a)anthracene
Concen: 37.485 ng
RT: 21.12 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Instrument :
BNA_M
ClientSampleId :
PB115777BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.0	31.4
229	19.6	15.5	23.3

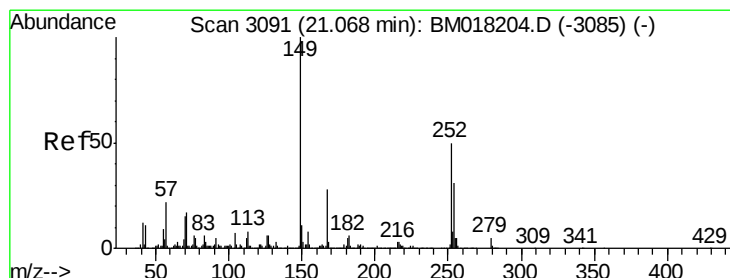
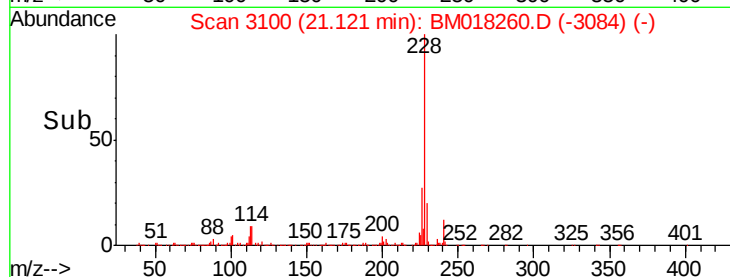
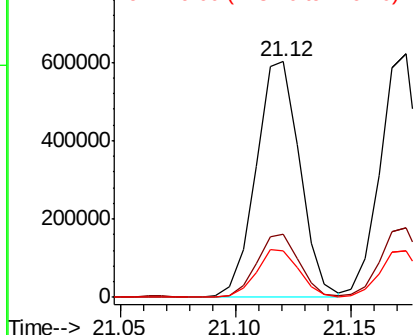


Abundance

Ion 228.00 (227.70 to 228.70): E

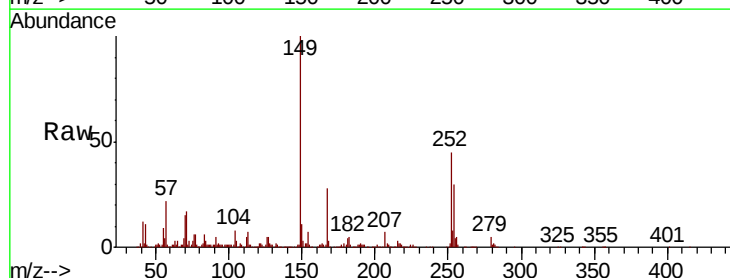
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 29.774 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.4	75.6
126	11.3	9.4	14.0

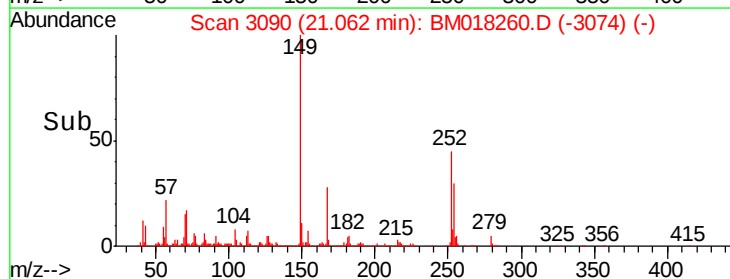
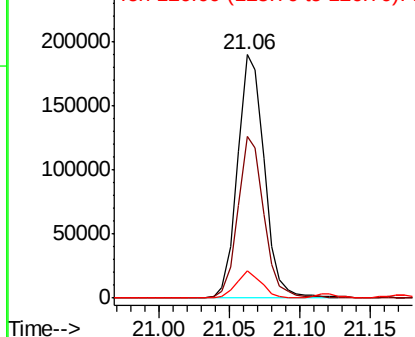


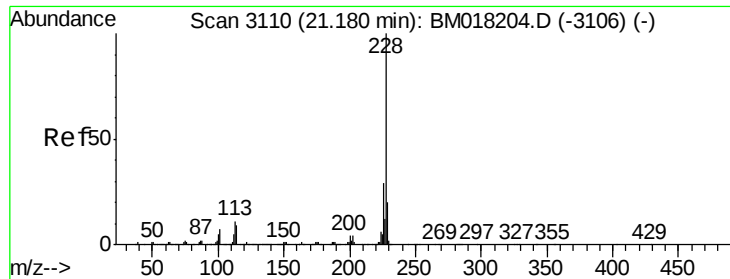
Abundance

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: 37.246 ng

RT: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

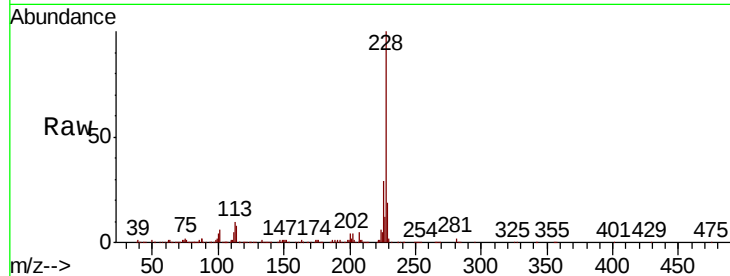
Tgt Ion:228 Resp: 757821

Ion Ratio Lower Upper

228 100

226 28.5 23.1 34.7

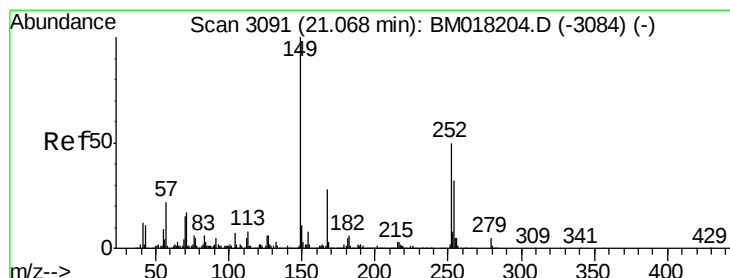
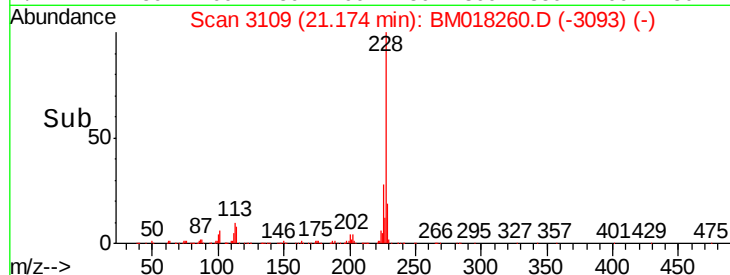
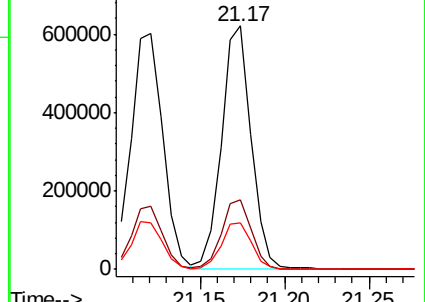
229 18.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 31.591 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

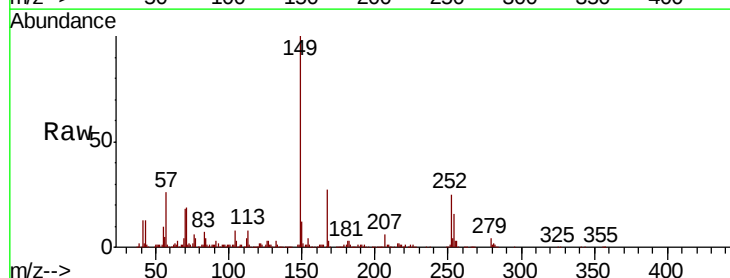
Tgt Ion:149 Resp: 483294

Ion Ratio Lower Upper

149 100

167 26.7 22.7 34.1

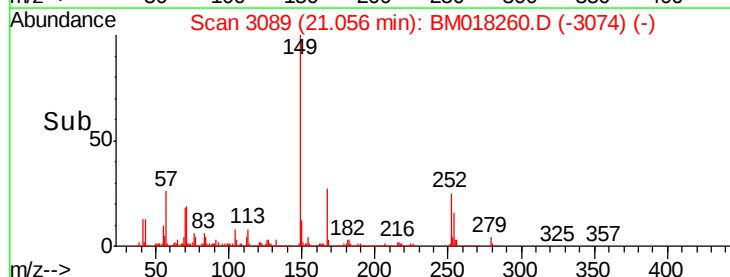
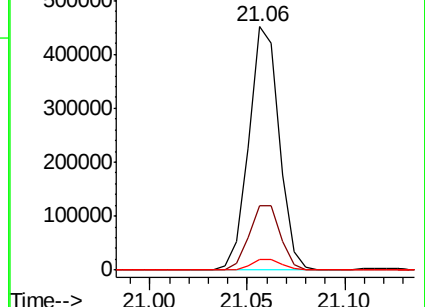
279 4.2 3.9 5.9

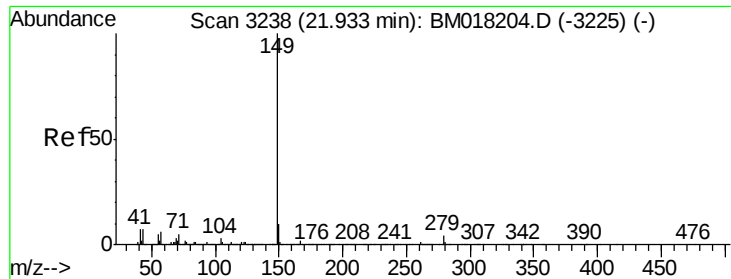


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 34.018 ng

RT: 21.92 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

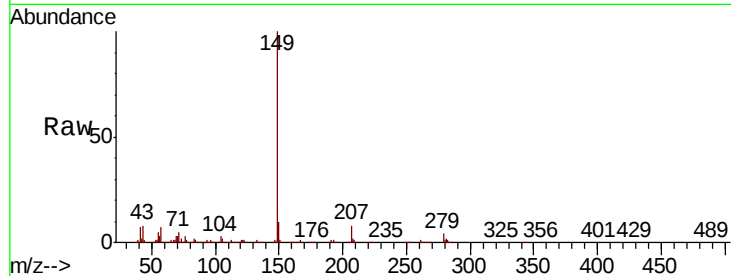
Tgt Ion:149 Resp: 852303

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

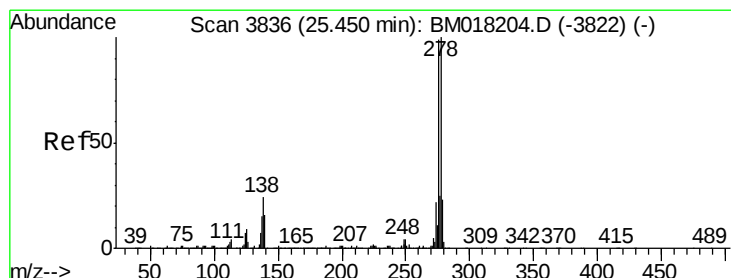
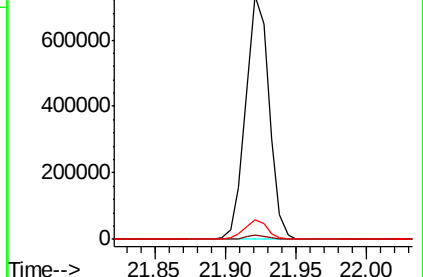
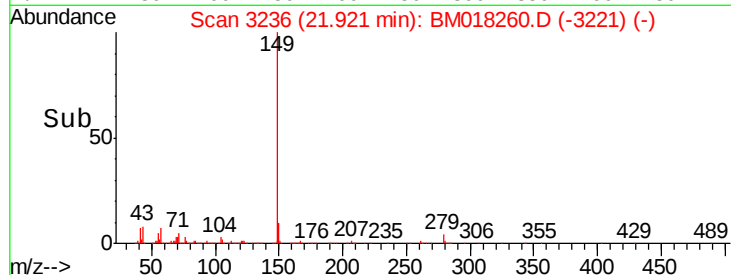
43 7.8 6.2 9.4



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: 59.094 ng

RT: 25.43 min Scan# 3832

Delta R.T. -0.02 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

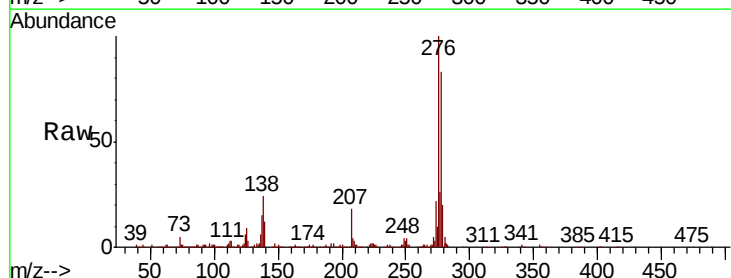
Tgt Ion:276 Resp: 1197706

Ion Ratio Lower Upper

276 100

138 22.4 18.6 28.0

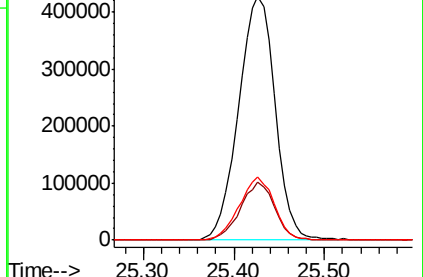
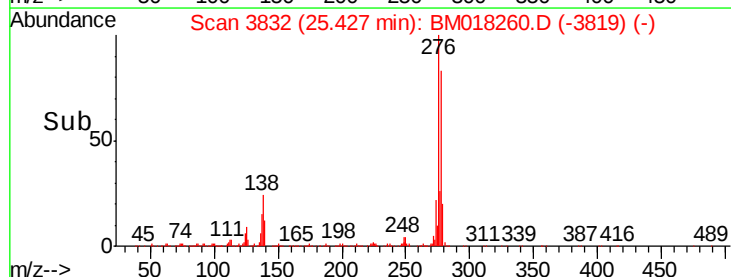
277 25.0 20.3 30.5

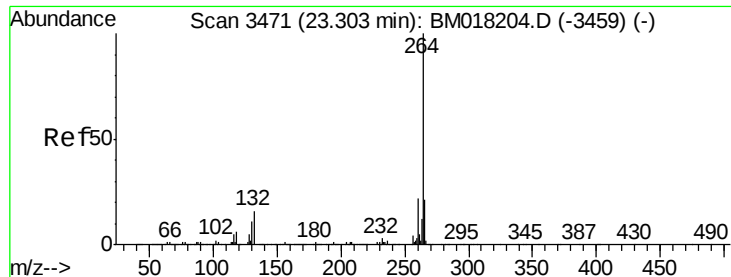


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

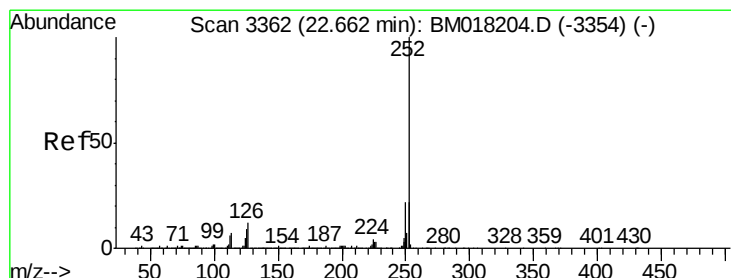
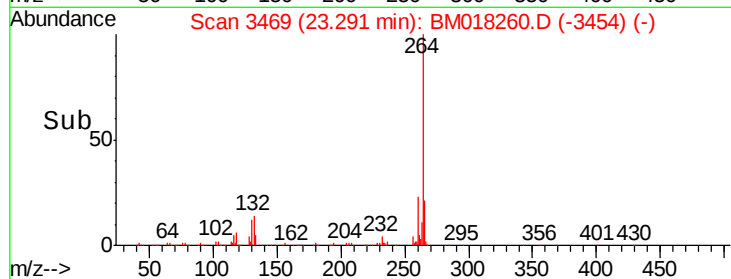
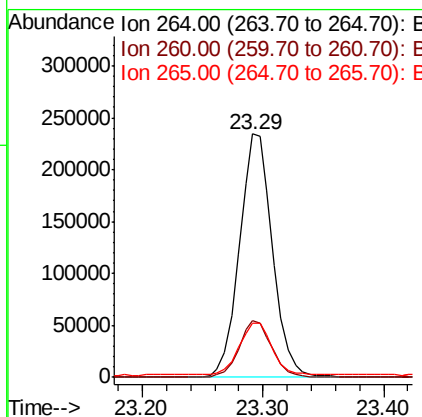
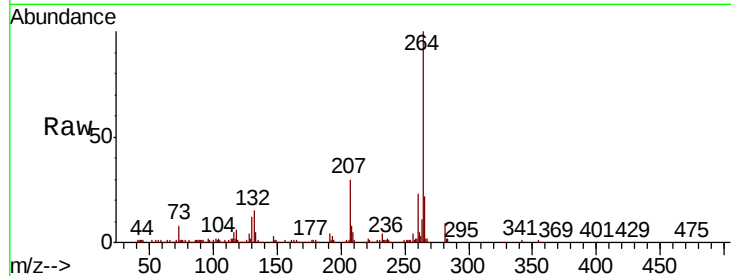




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

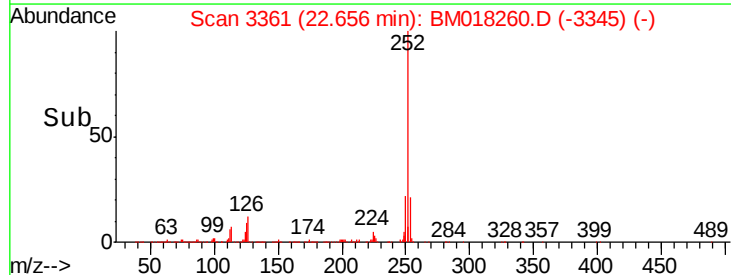
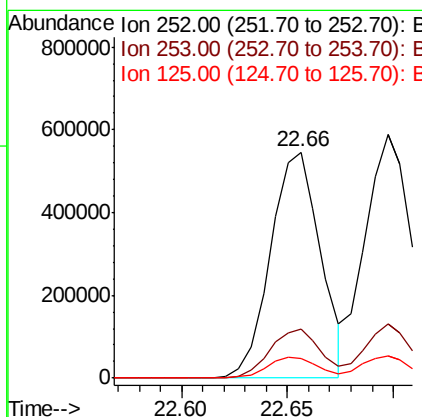
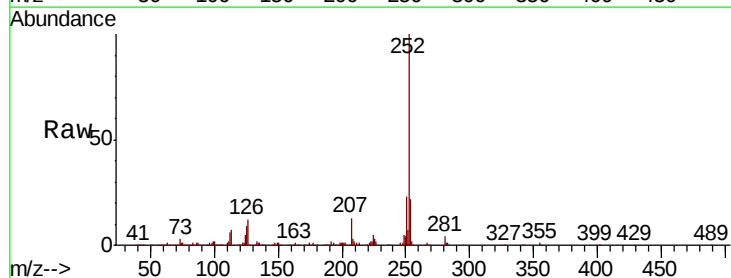
Instrument :
BNA_M
ClientSampleId :
PB115777BS

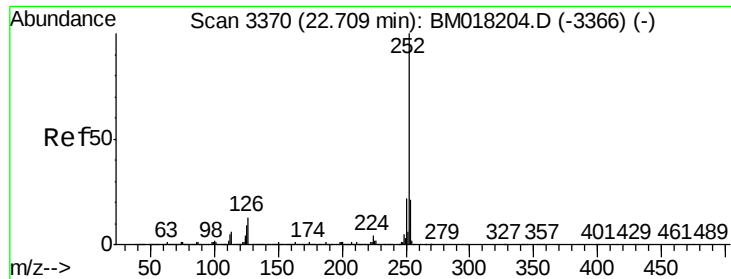
Tgt Ion:264 Resp: 445998
Ion Ratio Lower Upper
264 100
260 23.1 17.5 26.3
265 22.1 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 35.849 ng
RT: 22.66 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion:252 Resp: 898114
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 8.7 7.4 11.0

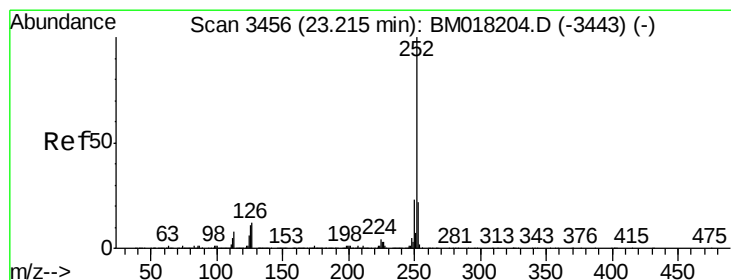
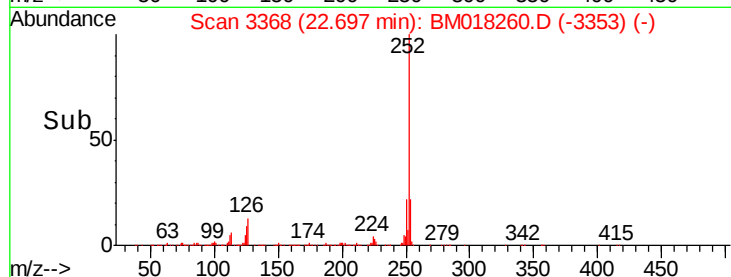
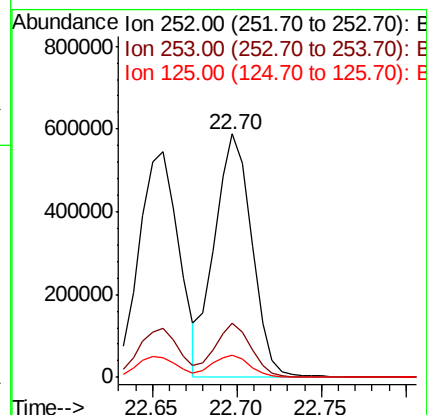
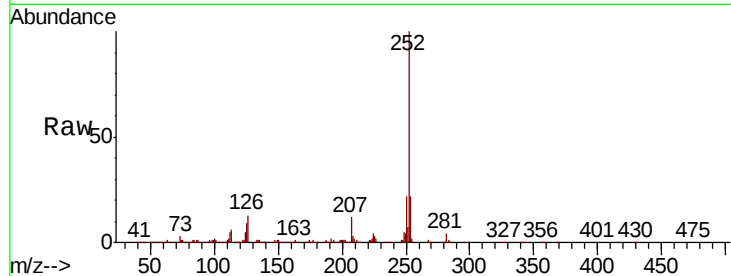




#89
Benzo(k)fluoranthene
Concen: 36.094 ng
RT: 22.70 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

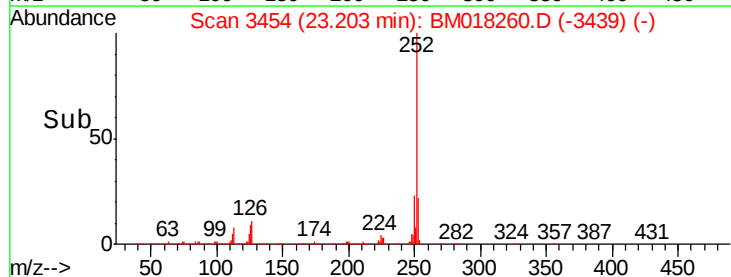
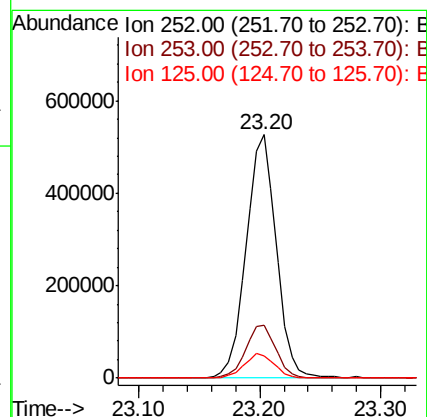
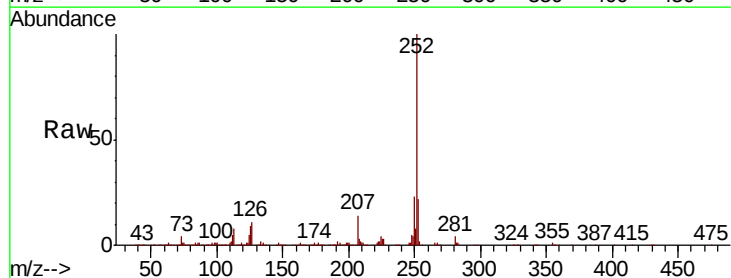
Instrument :
BNA_M
ClientSampleId :
PB115777BS

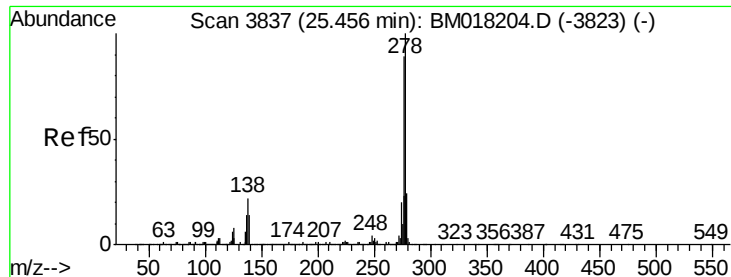
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.9	25.3
125	9.0	7.5	11.3



#90
Benzo(a)pyrene
Concen: 38.338 ng
RT: 23.20 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM018260.D
Acq: 17 Dec 2018 23:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.2	8.6	12.8





#91

Dibenzo(a,h)anthracene

Concen: 46.029 ng

RT: 25.44 min Scan# 3834

Delta R.T. -0.02 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

Instrument :

BNA_M

ClientSampleId :

PB115777BS

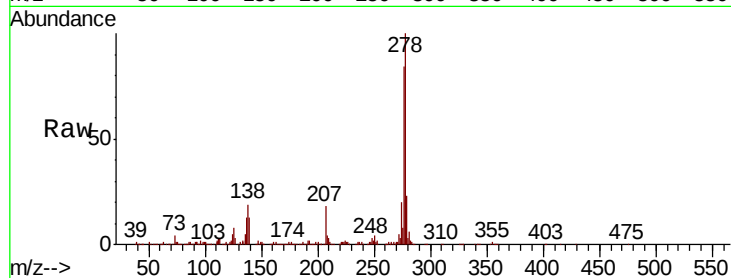
Tgt Ion:278 Resp: 1015951

Ion Ratio Lower Upper

278 100

139 13.2 11.6 17.4

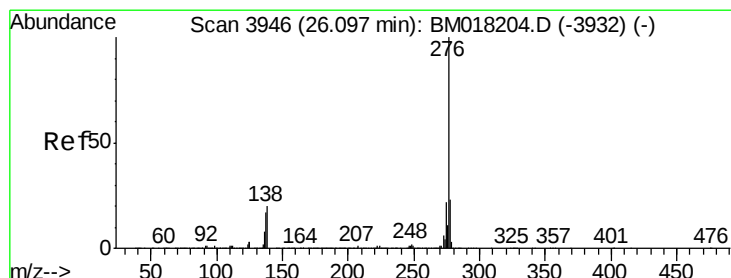
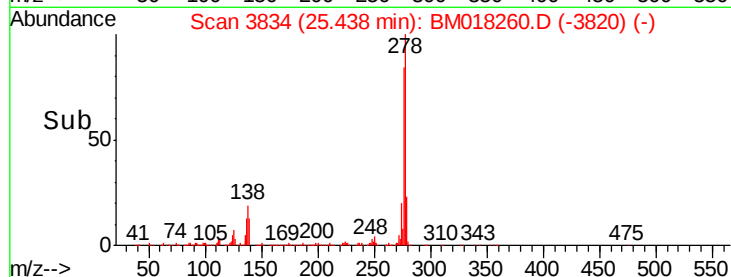
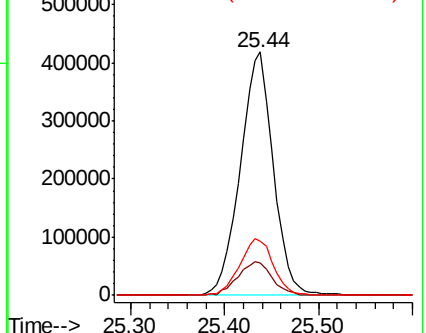
279 22.5 19.2 28.8



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: 48.387 ng

RT: 26.08 min Scan# 3943

Delta R.T. -0.02 min

Lab File: BM018260.D

Acq: 17 Dec 2018 23:07

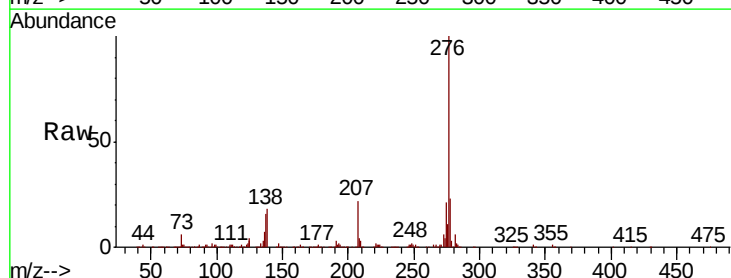
Tgt Ion:276 Resp: 1009555

Ion Ratio Lower Upper

276 100

277 23.0 18.7 28.1

138 17.6 15.8 23.8



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

