

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011619\
 Data File : BM018592.D
 Acq On : 16 Jan 2019 20:26
 Operator : JU/SJ
 Sample : K1147-16MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-6MS

Quant Time: Jan 17 01:09:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	376805	20.00	ng	-0.02
21) Naphthalene-d8	10.54	136	1588669	20.00	ng	-0.01
39) Acenaphthene-d10	14.40	164	928502	20.00	ng	-0.01
64) Phenanthrene-d10	17.14	188	2063948	20.00	ng	-0.01
76) Chrysene-d12	21.34	240	1660943	20.00	ng	-0.01
87) Perylene-d12	23.62	264	1367356	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1853866	90.85	ng	-0.01
7) Phenol-d6	6.93	99	2468039	95.22	ng	0.00
23) Nitrobenzene-d5	8.92	82	1499167	54.70	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	1096739	92.77	ng	-0.01
45) 2-Fluorobiphenyl	13.01	172	3982819	55.97	ng	-0.01
79) Terphenyl-d14	19.78	244	5578636	70.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	158236	19.025	ng	96
3) Pyridine	3.68	79	307252	14.817	ng	96
4) n-Nitrosodimethylamine	3.59	42	245392	28.618	ng	# 94
6) Aniline	7.09	93	628275	21.731	ng	98
8) 2-Chlorophenol	7.32	128	734273	30.809	ng	95
9) Benzaldehyde	6.90	77	184163	10.066	ng	99
10) Phenol	6.95	94	854851	32.457	ng	99
11) bis(2-Chloroethyl)ether	7.18	93	577292	27.895	ng	97
12) 1,3-Dichlorobenzene	7.63	146	759808	26.770	ng	98
13) 1,4-Dichlorobenzene	7.78	146	780650	27.136	ng	99
14) 1,2-Dichlorobenzene	8.09	146	751809	27.561	ng	100
15) Benzyl Alcohol	7.99	79	594897	31.779	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.27	45	719984	27.224	ng	94
17) 2-Methylphenol	8.19	107	576062	32.222	ng	98
18) Hexachloroethane	8.82	117	274888	26.800	ng	94
19) n-Nitroso-di-n-propylamine	8.56	70	487787	28.919	ng	90
20) 3+4-Methylphenols	8.52	107	793928	32.169	ng	98
22) Acetophenone	8.57	105	995350	25.327	ng	# 97
24) Nitrobenzene	8.96	77	726016	26.925	ng	97
25) Isophorone	9.47	82	1338872	32.263	ng	97
26) 2-Nitrophenol	9.66	139	410399	31.477	ng	96
27) 2,4-Dimethylphenol	9.72	122	665687	34.063	ng	97
28) bis(2-Chloroethoxy)methane	9.96	93	823147	28.713	ng	100
29) 2,4-Dichlorophenol	10.19	162	729857	31.364	ng	98
30) 1,2,4-Trichlorobenzene	10.40	180	773808	26.790	ng	99
31) Naphthalene	10.59	128	2239725	29.273	ng	100
32) Benzoic acid	9.85	122	290575	25.594	ng	99
33) 4-Chloroaniline	10.71	127	500009	16.594	ng	99
34) Hexachlorobutadiene	10.86	225	474142	25.984	ng	99
35) Caprolactam	11.53	113	198808	25.128	ng	# 86
36) 4-Chloro-3-methylphenol	11.84	107	755310	30.938	ng	99
37) 2-Methylnaphthalene	12.20	142	1698420	31.419	ng	100
38) 1-Methylnaphthalene	12.43	142	1607614	30.735	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.57	216	896728	27.618	ng	98

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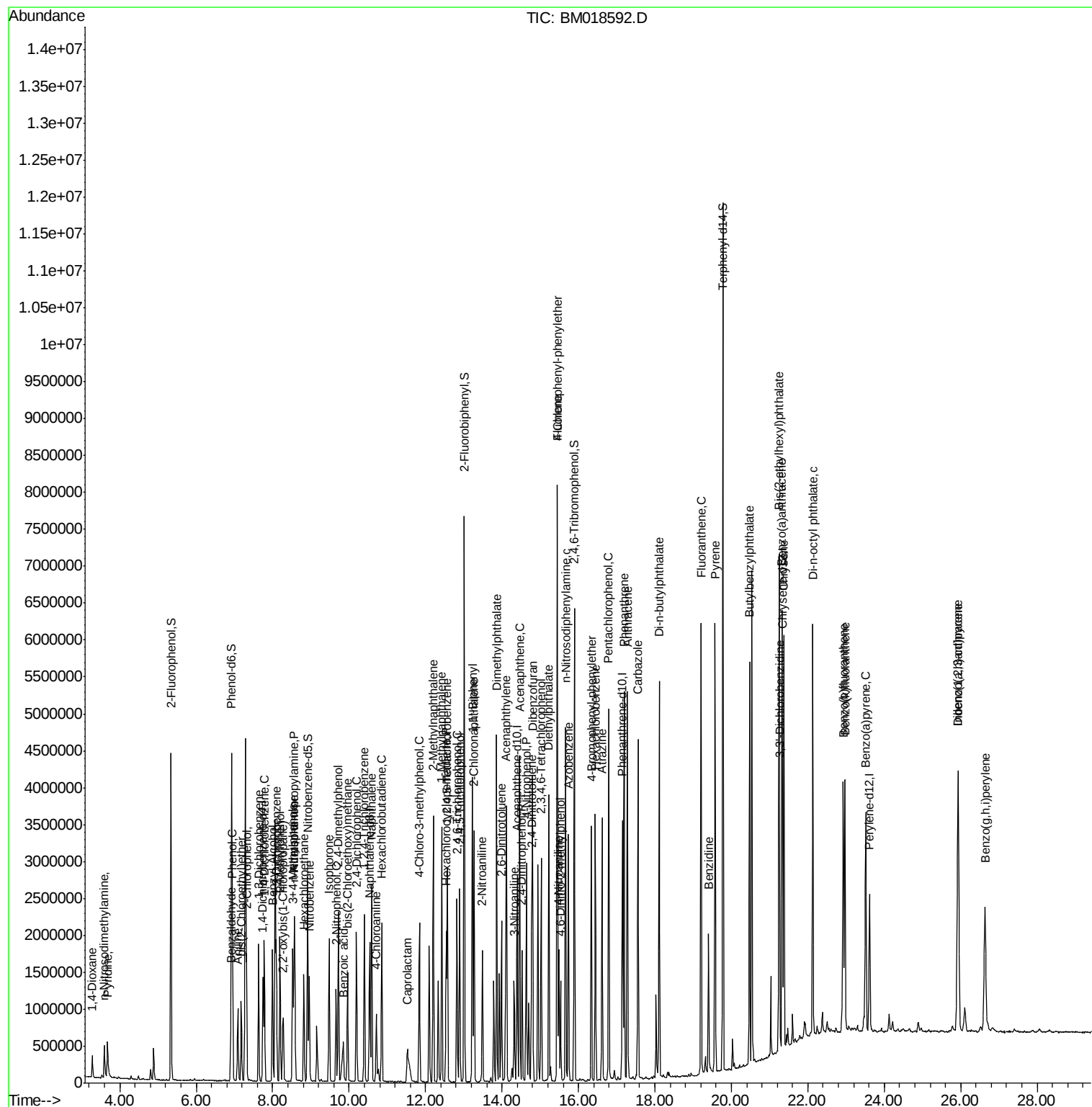
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.54	237	566636	31.798	ng	99
43) 2,4,6-Trichlorophenol	12.82	196	612088	31.043	ng	99
44) 2,4,5-Trichlorophenol	12.89	196	652761	31.478	ng	98
46) 1,1'-Biphenyl	13.23	154	2182862	26.925	ng	98
47) 2-Chloronaphthalene	13.27	162	1685249	26.806	ng	99
48) 2-Nitroaniline	13.49	65	451308	29.179	ng	89
49) Acenaphthylene	14.12	152	2739144	29.897	ng	99
50) Dimethylphthalate	13.86	163	3038533	39.847	ng	99
51) 2,6-Dinitrotoluene	13.99	165	474433	29.372	ng	92
52) Acenaphthene	14.46	154	1570570	28.017	ng	99
53) 3-Nitroaniline	14.32	138	359651	22.086	ng	93
54) 2,4-Dinitrophenol	14.52	184	382981	47.057	ng	91
55) Dibenzofuran	14.80	168	2549056	27.521	ng	98
56) 4-Nitrophenol	14.64	139	808736	57.487	ng	94
57) 2,4-Dinitrotoluene	14.77	165	659810	28.870	ng	97
58) Fluorene	15.45	166	2068035	29.972	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.02	232	577331	31.410	ng	97
60) Diethylphthalate	15.22	149	2206631	28.665	ng	99
61) 4-Chlorophenyl-phenylether	15.44	204	1061184	26.685	ng	99
62) 4-Nitroaniline	15.49	138	450340	25.354	ng	97
63) Azobenzene	15.73	77	1733699	27.623	ng	97
65) 4,6-Dinitro-2-methylphenol	15.53	198	287544	24.795	ng	87
66) n-Nitrosodiphenylamine	15.66	169	1834077	28.647	ng	100
67) 4-Bromophenyl-phenylether	16.34	248	655849	28.396	ng	97
68) Hexachlorobenzene	16.44	284	718031	27.770	ng	99
69) Atrazine	16.62	200	664915	28.728	ng	99
70) Pentachlorophenol	16.79	266	833286	49.208	ng	98
71) Phenanthrene	17.19	178	3223638	29.364	ng	100
72) Anthracene	17.28	178	3314764	31.400	ng	100
73) Carbazole	17.56	167	2953332	27.230	ng	100
74) Di-n-butylphthalate	18.11	149	3791900	31.918	ng	99
75) Fluoranthene	19.21	202	3629345	28.675	ng	98
77) Benzidine	19.40	184	1071318	26.123	ng	100
78) Pyrene	19.57	202	3637894	36.951	ng	100
80) Butylbenzylphthalate	20.47	149	1665944	39.655	ng	96
81) Benzo(a)anthracene	21.32	228	2945664	30.104	ng	100
82) 3,3'-Dichlorobenzidine	21.26	252	871227	23.546	ng	99
83) Chrysene	21.37	228	2726494	28.855	ng	100
84) Bis(2-ethylhexyl)phthalate	21.24	149	2373815	39.131	ng	98
85) Di-n-octyl phthalate	22.13	149	3679527	36.063	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.93	276	2540627	23.318	ng	96
88) Benzo(b)fluoranthene	22.93	252	2434656	31.363	ng	98
89) Benzo(k)fluoranthene	22.97	252	2290404	29.277	ng	98
90) Benzo(a)pyrene	23.52	252	2252818	30.313	ng	98
91) Dibenzo(a,h)anthracene	25.94	278	2141867	28.444	ng	98
92) Benzo(g,h,i)perylene	26.64	276	2114914	28.861	ng	97

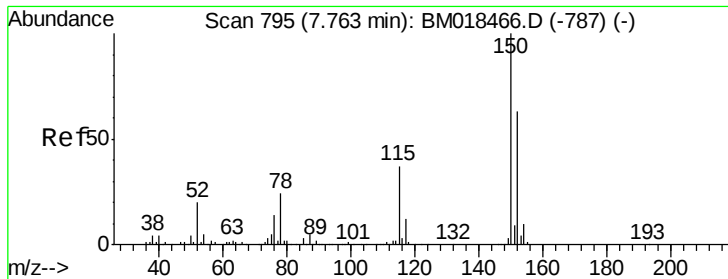
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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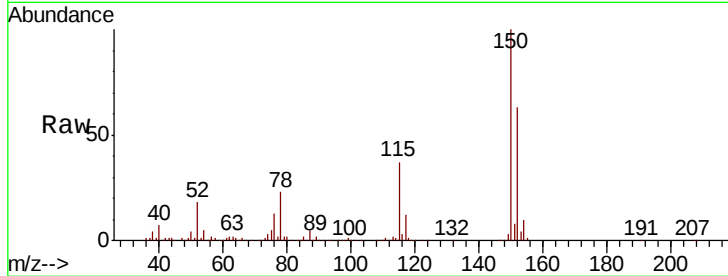


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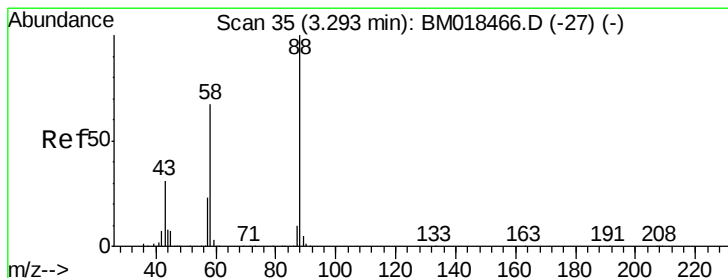
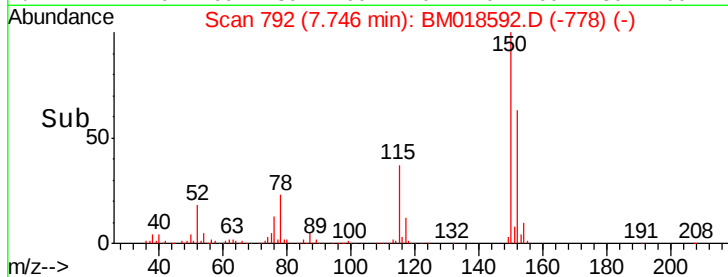
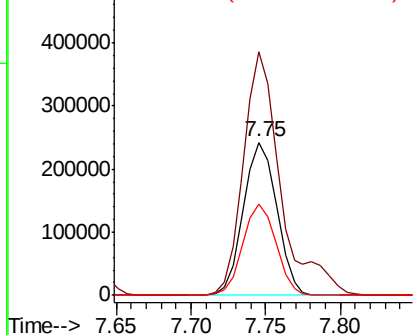
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :
TP-6MS

Tgt Ion:152 Resp: 376805
Ion Ratio Lower Upper
152 100
150 159.0 126.9 190.3
115 59.4 45.5 68.3



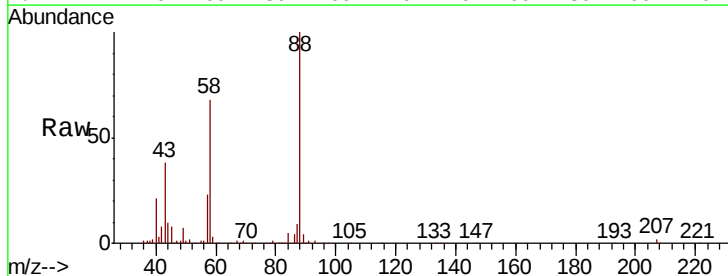
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



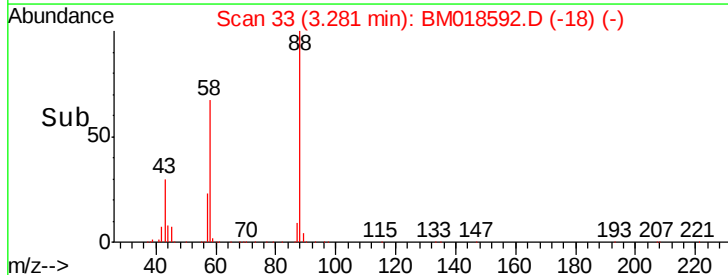
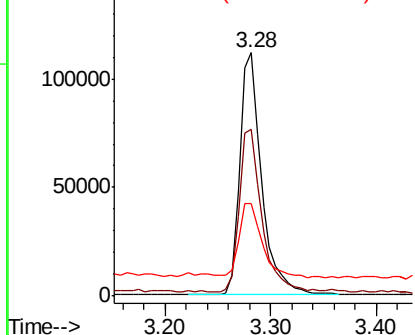
#2

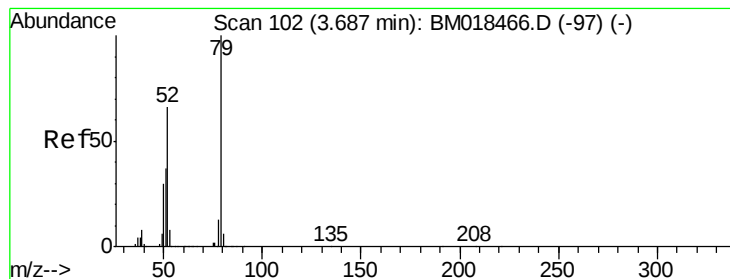
1,4-Dioxane
Concen: 19.025 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion: 88 Resp: 158236
Ion Ratio Lower Upper
88 100
58 69.1 58.4 87.6
43 31.7 26.2 39.4



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 14.817 ng

RT: 3.68 min Scan# 100

Delta R.T. -0.04 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

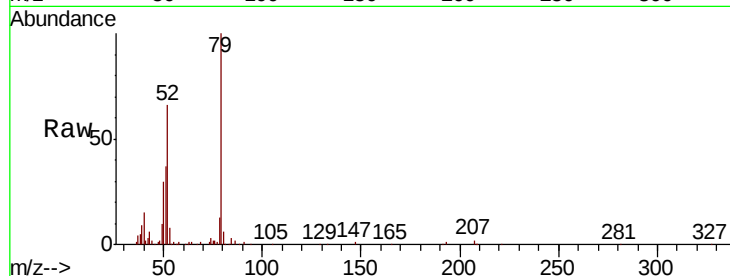
Tgt Ion: 79 Resp: 307252

Ion Ratio Lower Upper

79 100

52 66.2 56.4 84.6

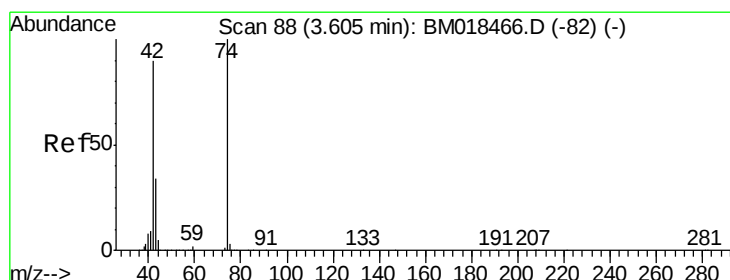
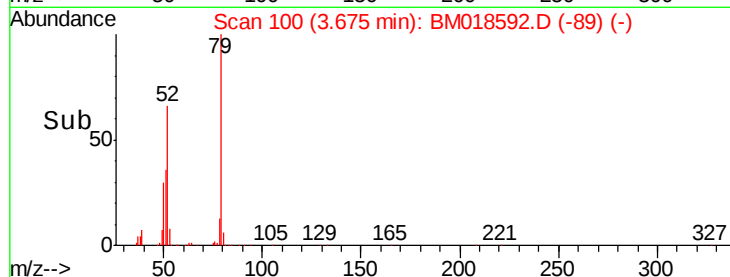
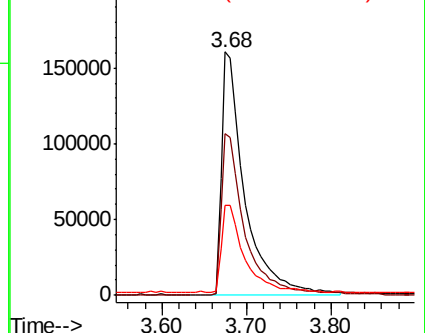
51 37.2 31.0 46.4



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

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

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



#4

n-Nitrosodimethylamine

Concen: 28.618 ng

RT: 3.59 min Scan# 86

Delta R.T. -0.03 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

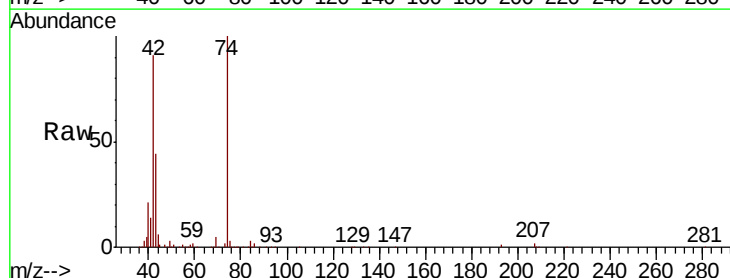
Tgt Ion: 42 Resp: 245392

Ion Ratio Lower Upper

42 100

74 109.8 88.6 132.8

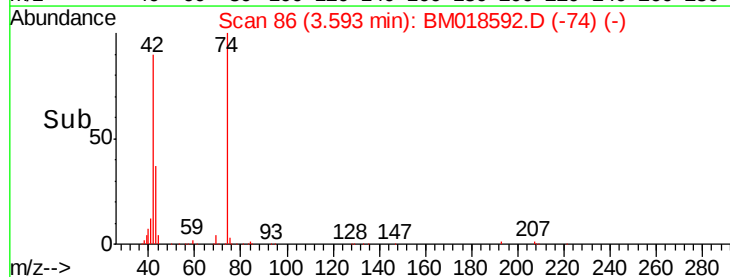
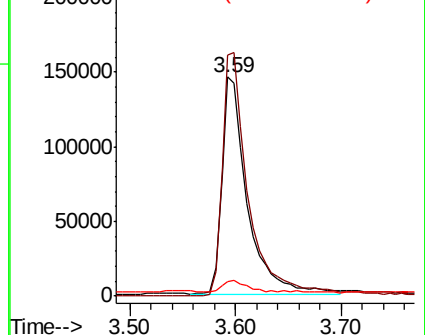
44 6.7 16.9 25.3#

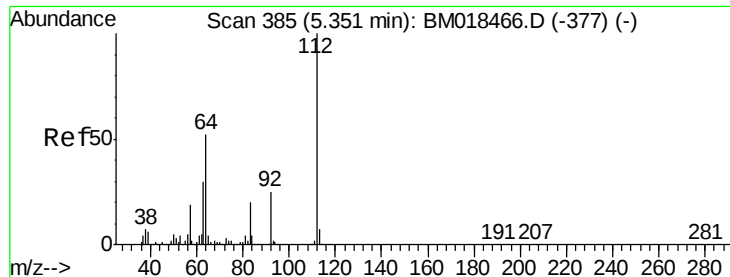


Abundance Ion 42.00 (41.70 to 42.70): BM018466.D (-82) (-)

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

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





#5

2-Fluorophenol

Concen: 90.847 ng

RT: 5.34 min Scan# 383

Delta R.T. -0.01 min

Lab File: BM018592.D

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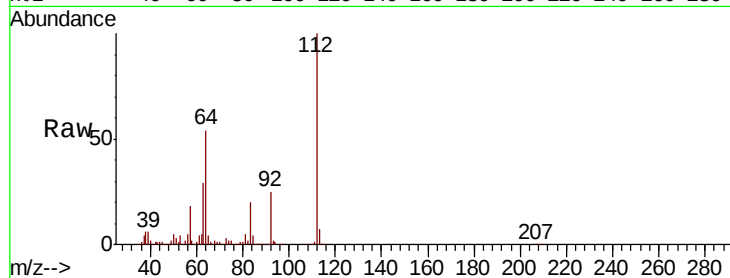
Tgt Ion: 112 Resp: 1853866

Ion Ratio Lower Upper

112 100

64 54.0 46.5 69.7

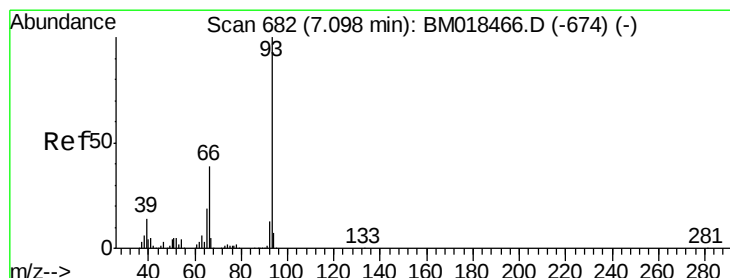
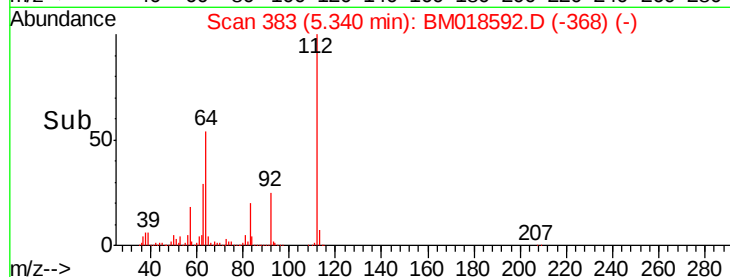
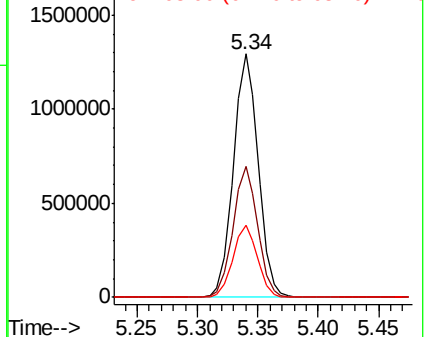
63 29.4 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 21.731 ng

RT: 7.09 min Scan# 680

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

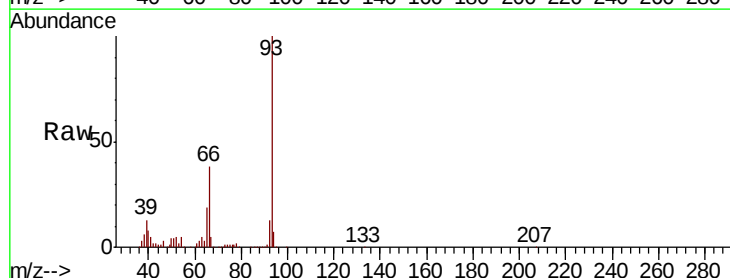
Tgt Ion: 93 Resp: 628275

Ion Ratio Lower Upper

93 100

66 38.4 31.7 47.5

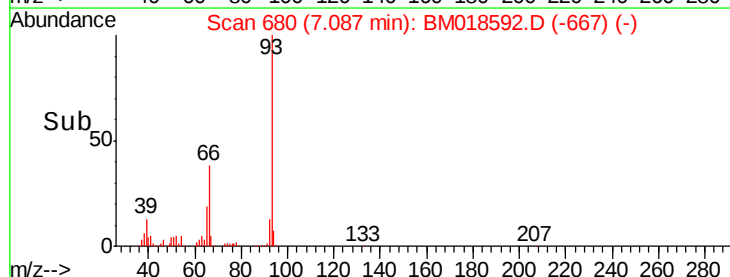
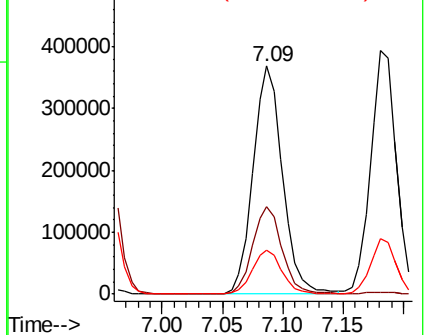
65 19.2 15.9 23.9

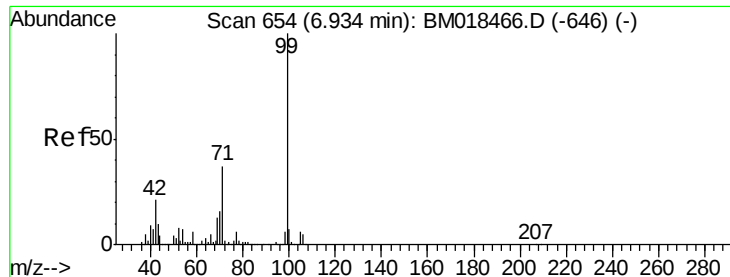


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 95.222 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

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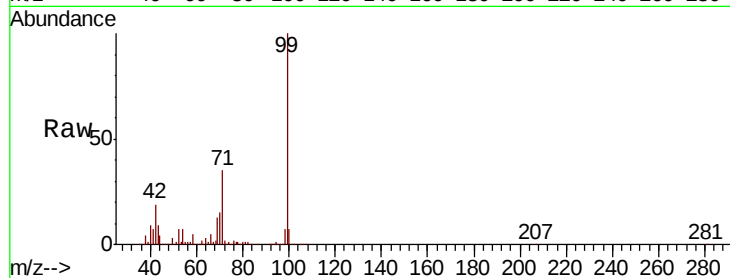
Tgt Ion: 99 Resp: 2468039

Ion Ratio Lower Upper

99 100

42 19.1 17.3 25.9

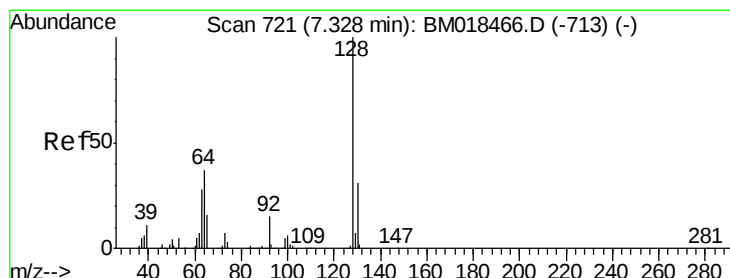
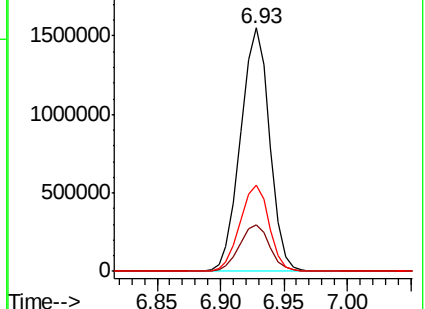
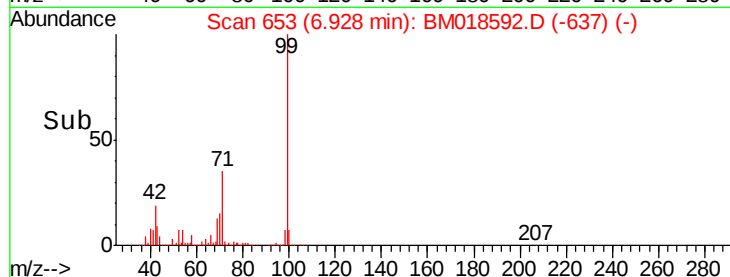
71 35.4 28.0 42.0



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

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

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



#8

2-Chlorophenol

Concen: 30.809 ng

RT: 7.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

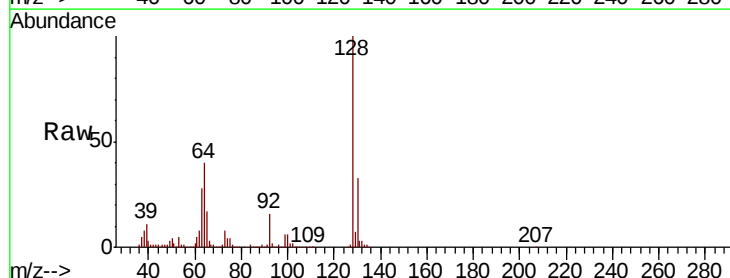
Tgt Ion: 128 Resp: 734273

Ion Ratio Lower Upper

128 100

130 32.6 13.6 53.6

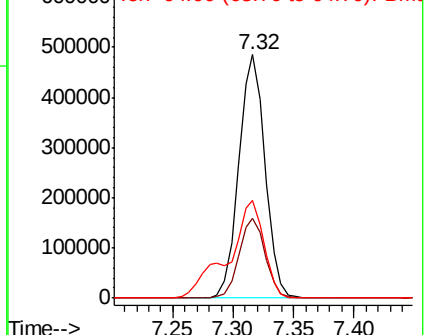
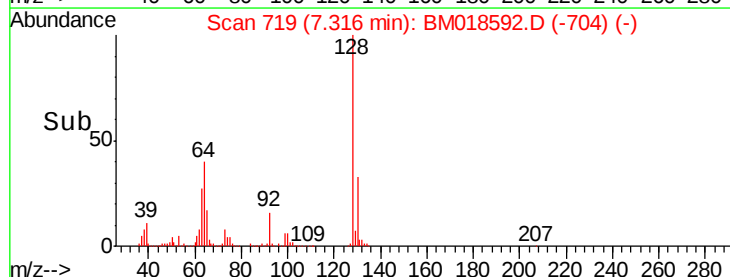
64 39.9 24.8 64.8

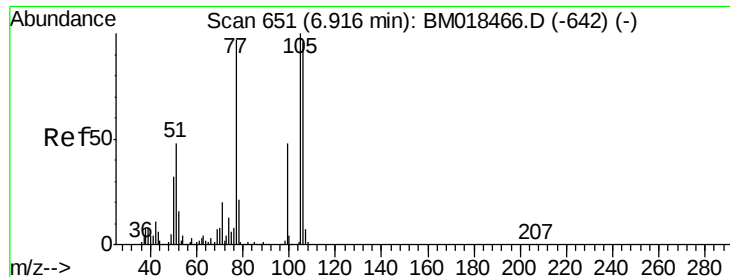


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

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

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





#9

Benzaldehyde

Concen: 10.066 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.02 min

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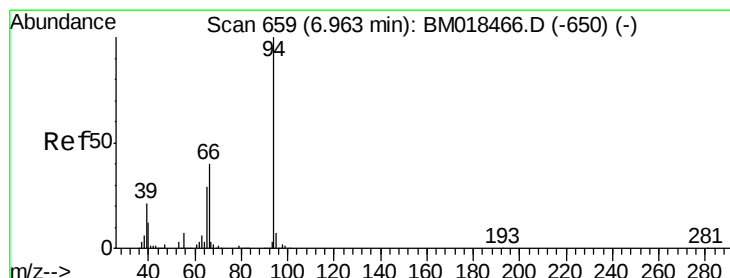
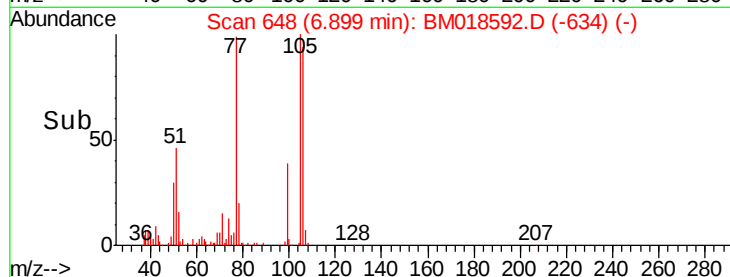
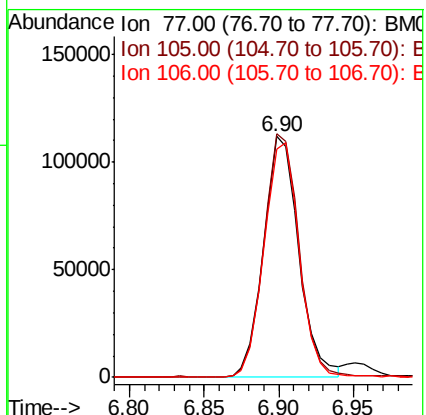
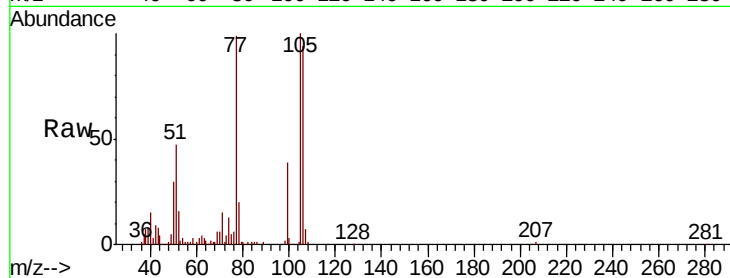
Tgt Ion: 77 Resp: 184163

Ion Ratio Lower Upper

77 100

105 101.1 79.7 119.7

106 94.8 75.2 115.2



#10

Phenol

Concen: 32.457 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

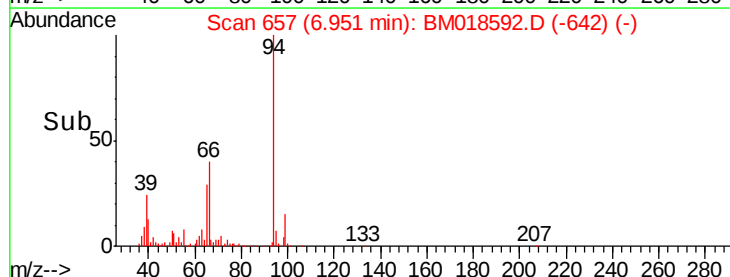
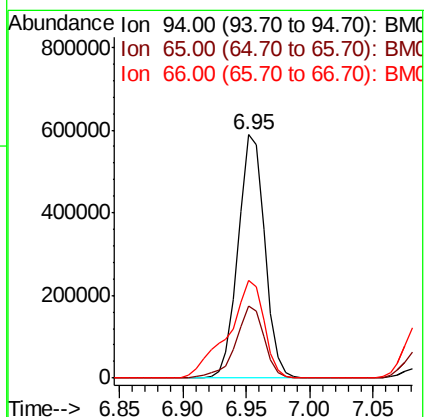
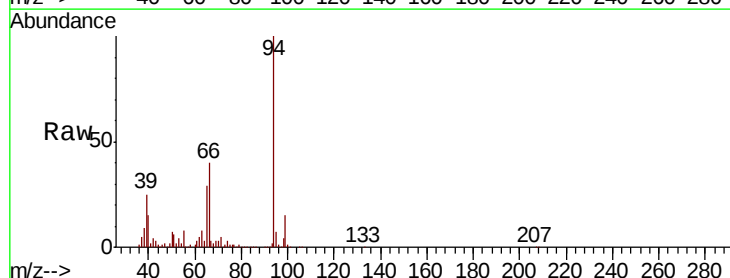
Tgt Ion: 94 Resp: 854851

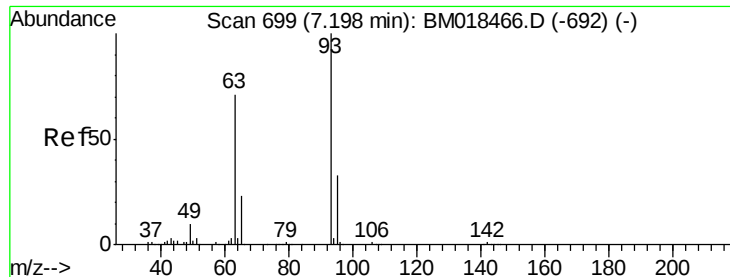
Ion Ratio Lower Upper

94 100

65 29.5 9.4 49.4

66 40.4 19.1 59.1

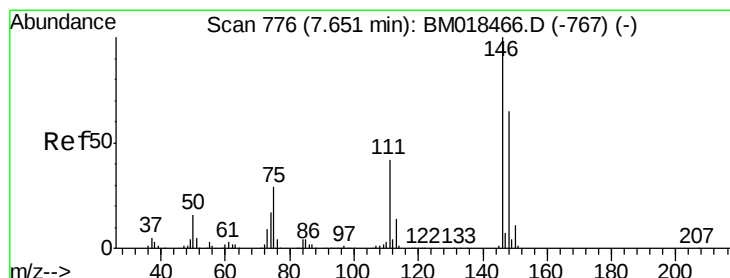
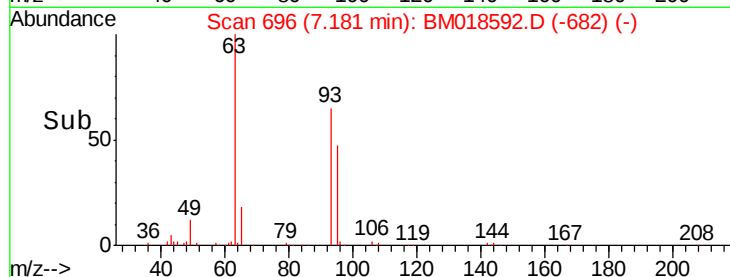
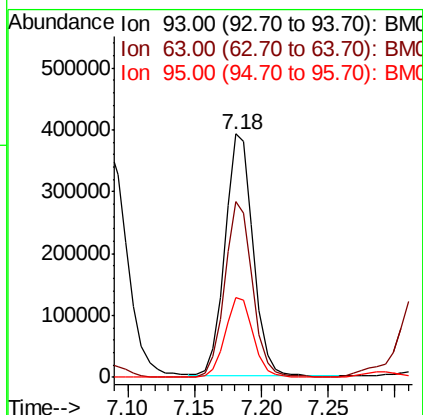
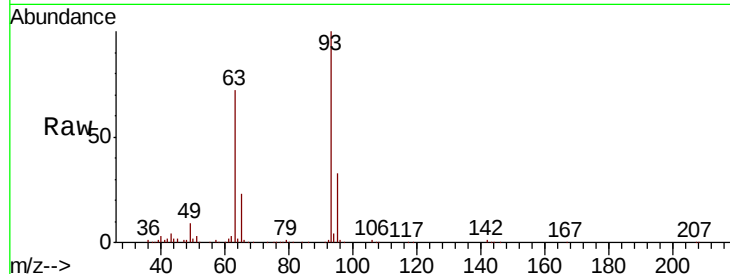




#11
bis(2-Chloroethyl)ether
Concen: 27.895 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

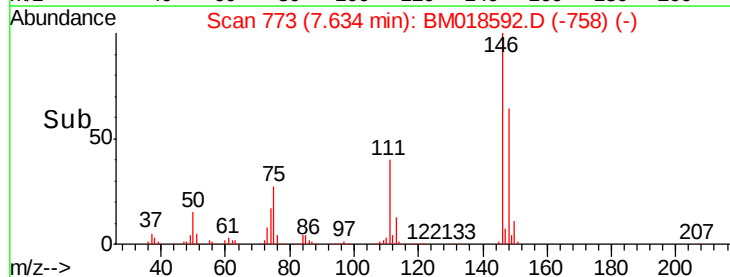
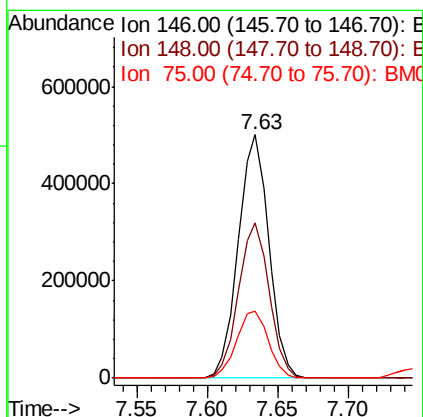
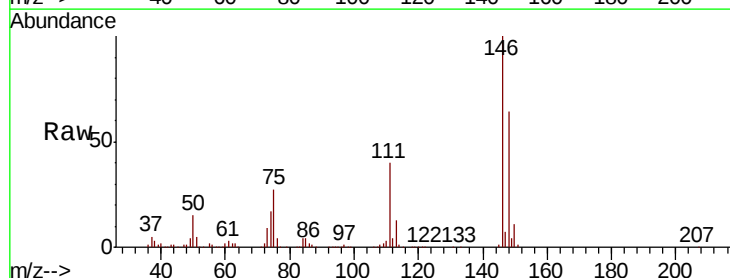
Instrument :
BNA_M
ClientSampleID :
TP-6MS

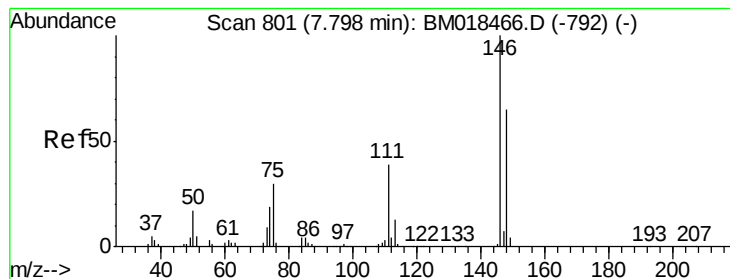
Tgt Ion: 93 Resp: 577292
Ion Ratio Lower Upper
93 100
63 72.3 56.4 96.4
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 26.770 ng
RT: 7.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion: 146 Resp: 759808
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
75 27.5 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 27.136 ng

RT: 7.78 min Scan# 798

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

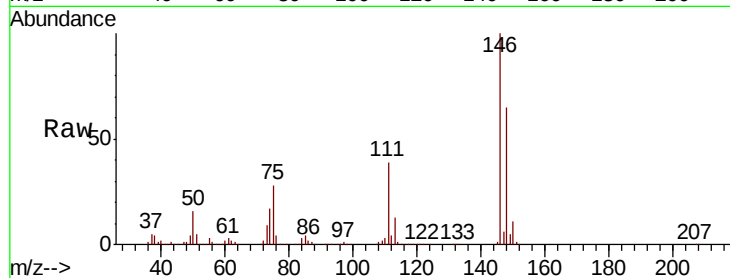
Tgt Ion:146 Resp: 780650

Ion Ratio Lower Upper

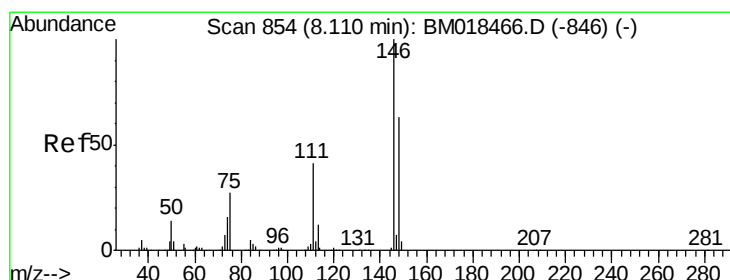
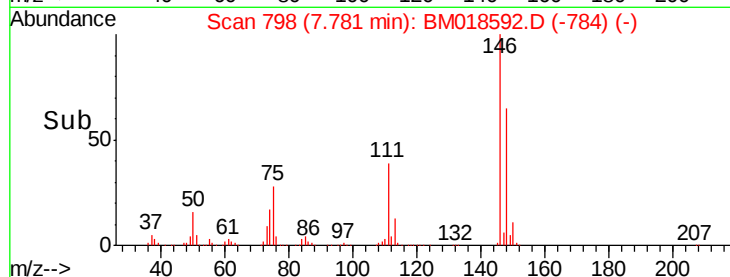
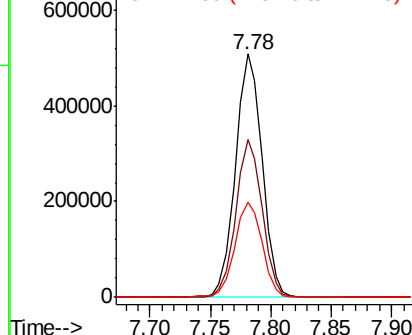
146 100

148 64.6 50.8 76.2

111 39.3 32.2 48.2



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



#14

1,2-Dichlorobenzene

Concen: 27.561 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

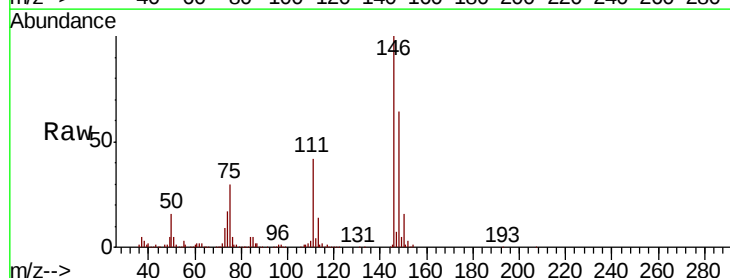
Tgt Ion:146 Resp: 751809

Ion Ratio Lower Upper

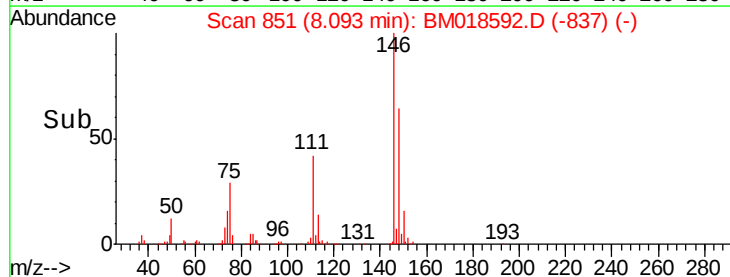
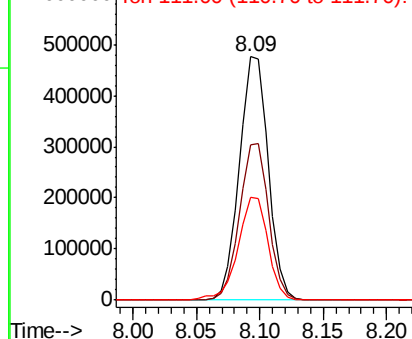
146 100

148 63.8 51.0 76.6

111 42.5 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 31.779 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

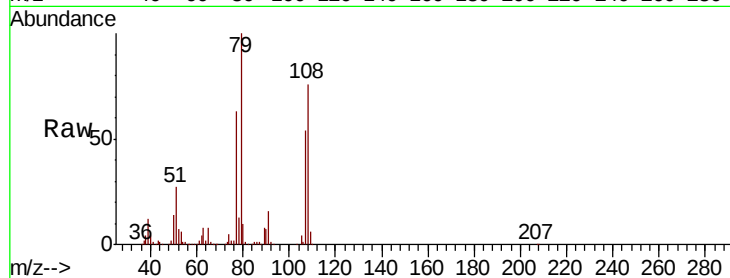
Tgt Ion: 79 Resp: 594897

Ion Ratio Lower Upper

79 100

108 75.5 60.4 90.6

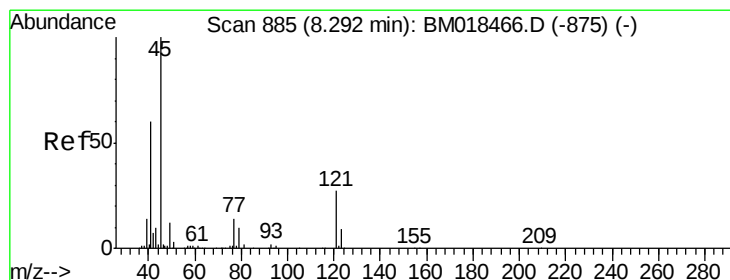
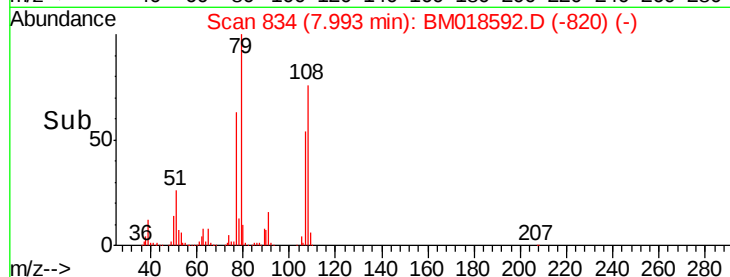
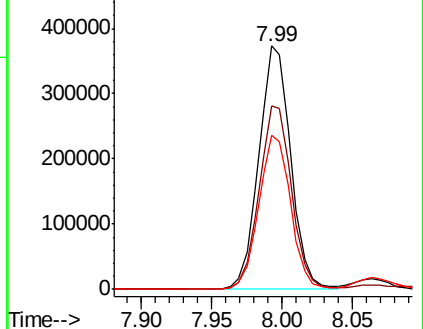
77 63.5 53.4 80.2



Abundance Ion 79.00 (78.70 to 79.70): BM018592.D (-820) (-)

Ion 108.00 (107.70 to 108.70): BM018592.D (-820) (-)

Ion 77.00 (76.70 to 77.70): BM018592.D (-820) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.224 ng

RT: 8.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

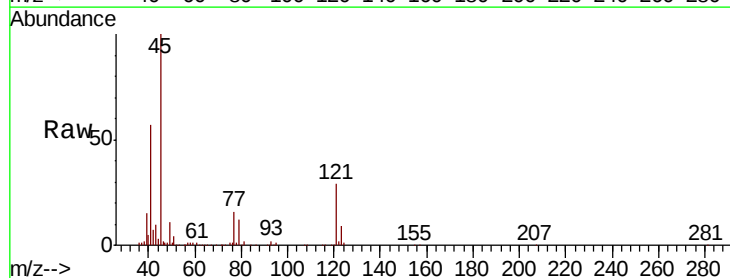
Tgt Ion: 45 Resp: 719984

Ion Ratio Lower Upper

45 100

77 16.5 0.0 33.4

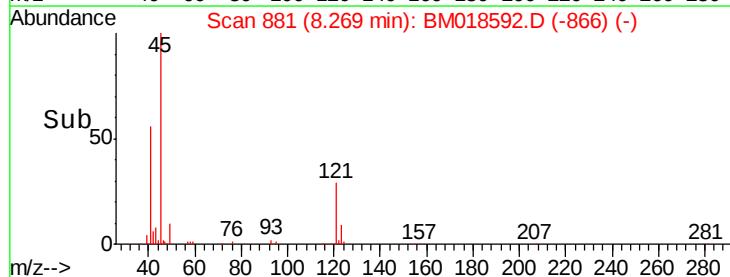
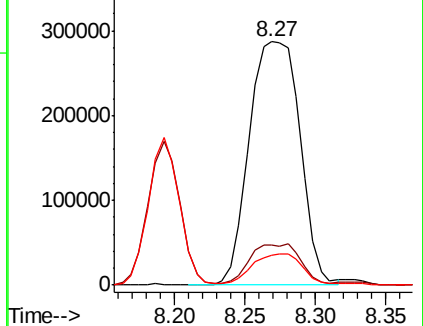
79 12.4 0.0 31.1

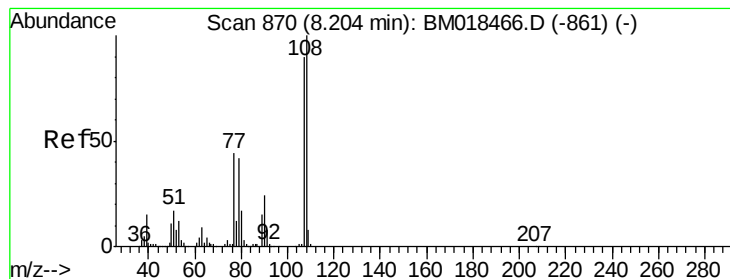


Abundance Ion 45.00 (44.70 to 45.70): BM018592.D (-866) (-)

Ion 77.00 (76.70 to 77.70): BM018592.D (-866) (-)

Ion 79.00 (78.70 to 79.70): BM018592.D (-866) (-)





#17

2-Methylphenol

Concen: 32.222 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

Tgt Ion:107 Resp: 576062

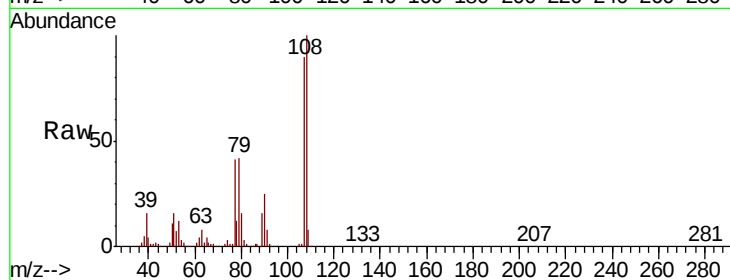
Ion Ratio Lower Upper

107 100

108 111.0 87.5 131.3

77 45.8 37.3 55.9

79 46.9 36.4 54.6



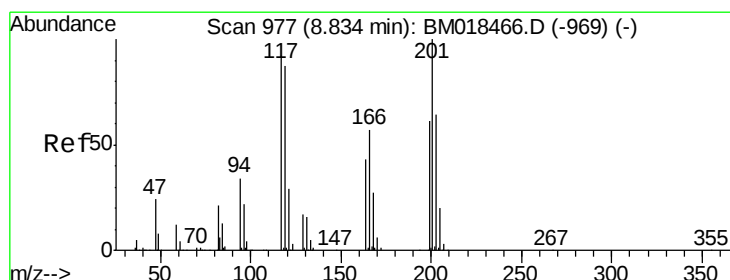
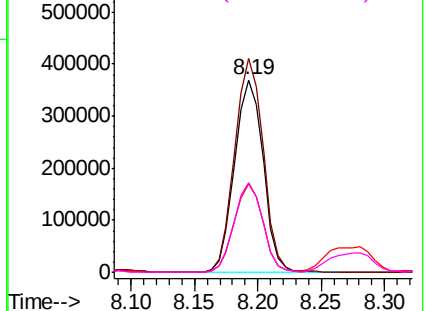
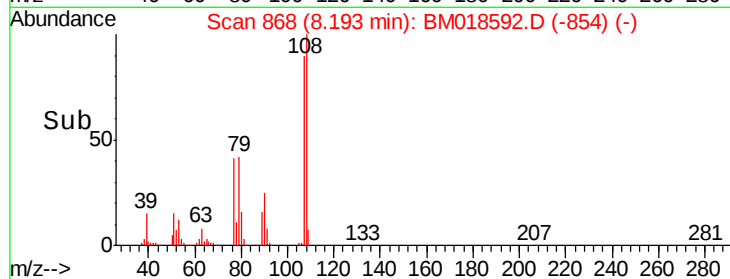
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 26.800 ng

RT: 8.82 min Scan# 974

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

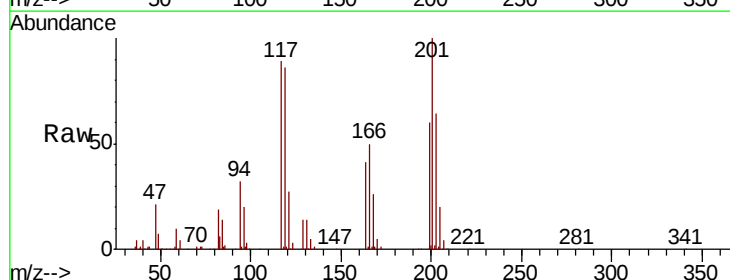
Tgt Ion:117 Resp: 274888

Ion Ratio Lower Upper

117 100

119 97.0 78.3 117.5

201 112.9 81.4 122.0

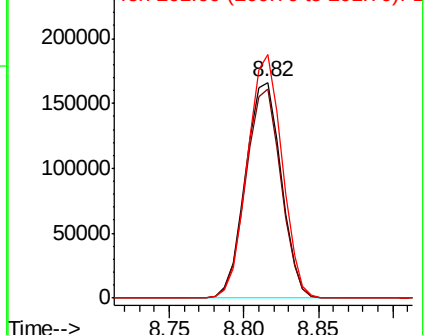
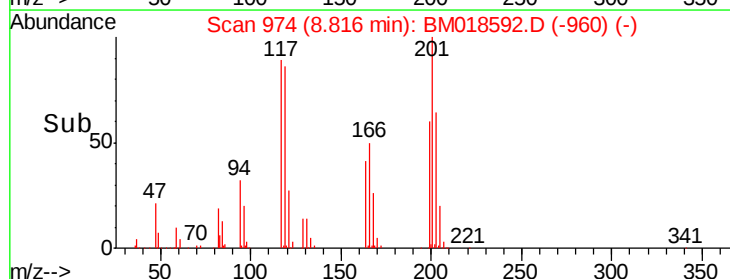


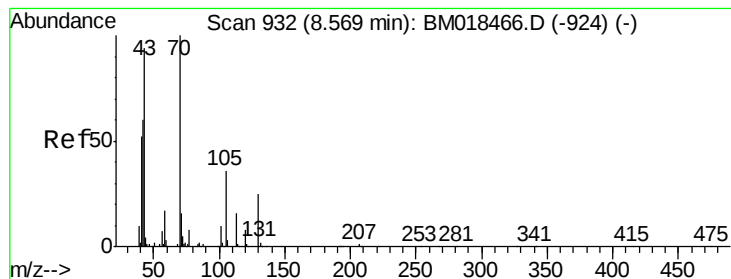
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 28.919 ng

RT: 8.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

Tgt Ion: 70 Resp: 487787

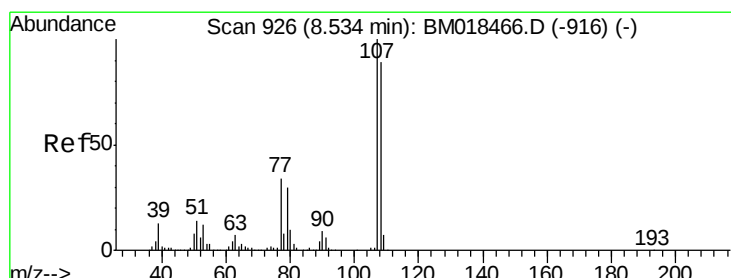
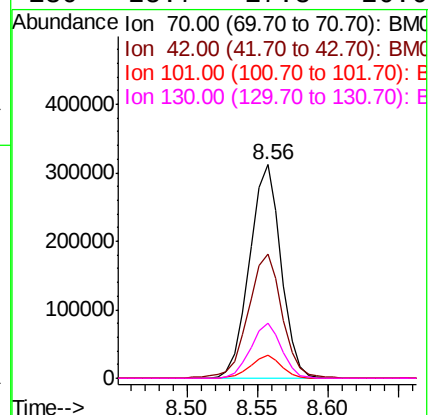
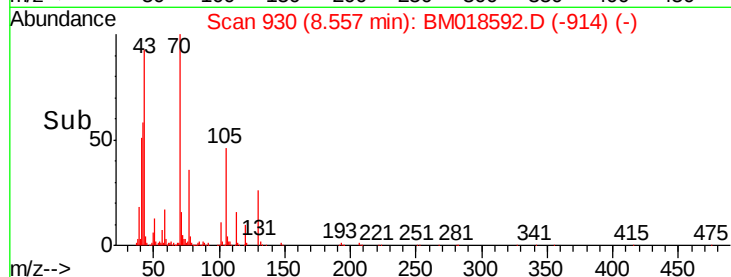
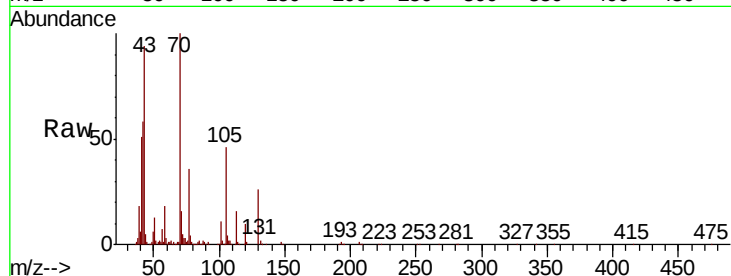
Ion Ratio Lower Upper

70 100

42 57.8 54.0 81.0

101 11.1 8.1 12.1

130 25.7 17.8 26.6



#20

3+4-Methylphenols

Concen: 32.169 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Tgt Ion: 107 Resp: 793928

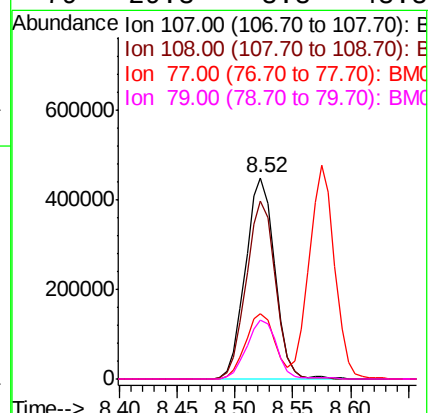
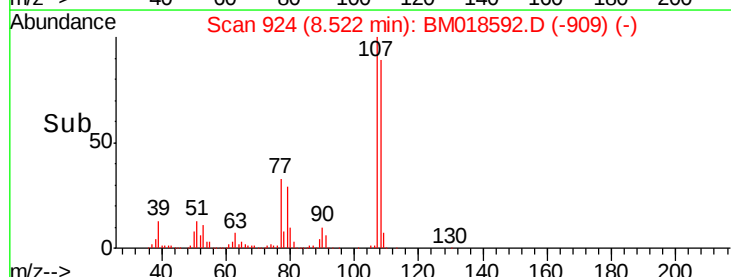
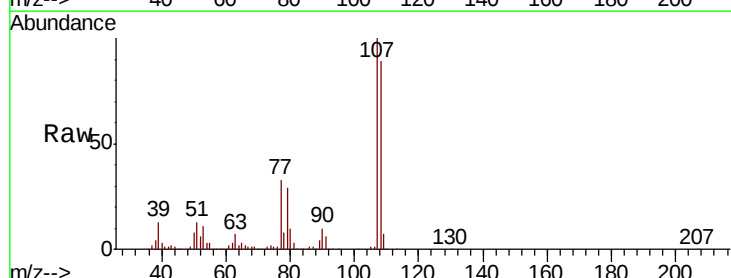
Ion Ratio Lower Upper

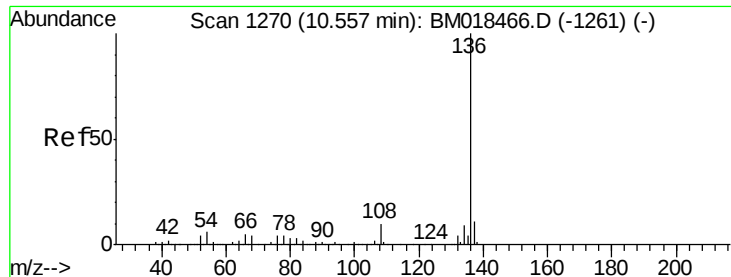
107 100

108 88.7 66.8 106.8

77 32.8 13.3 53.3

79 29.3 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

Tgt Ion:136 Resp: 1588669

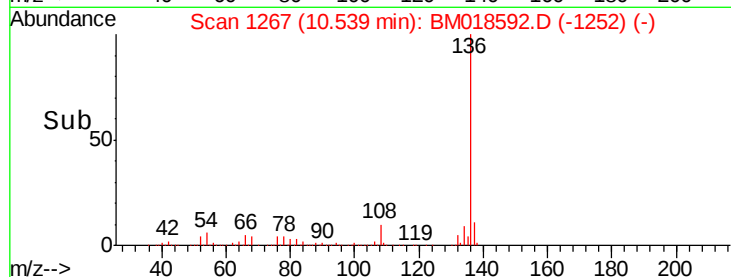
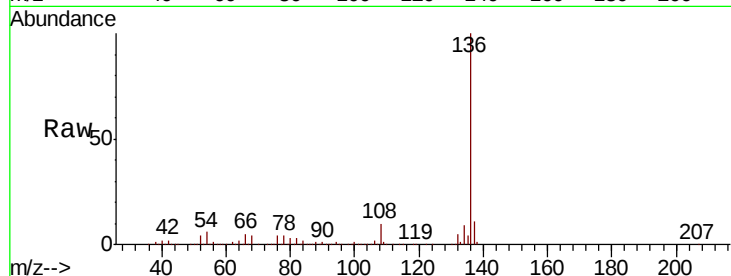
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.2 6.0 9.0

68 4.3 4.5 6.7#

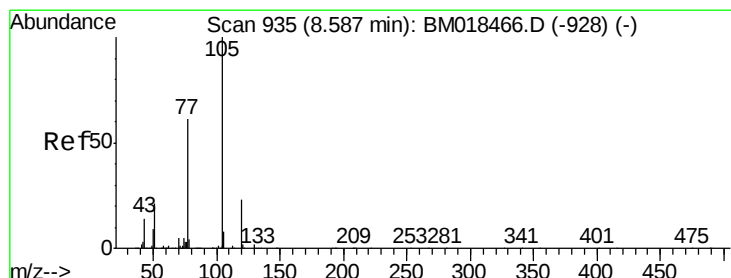
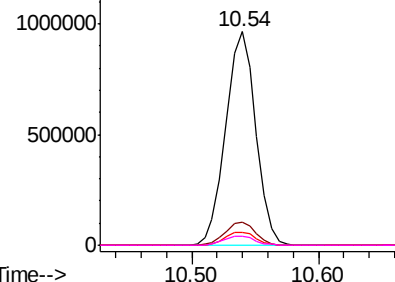


Abundance Ion 136.00 (135.70 to 136.70): E

1500000 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: 25.327 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Tgt Ion:105 Resp: 995350

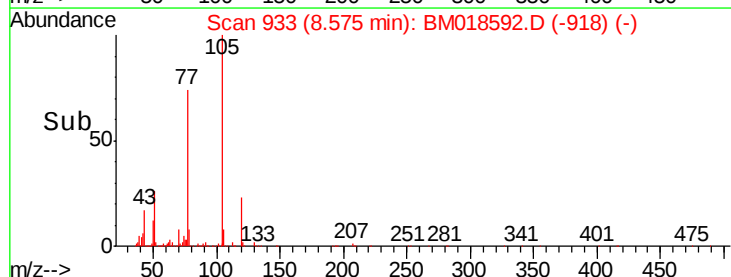
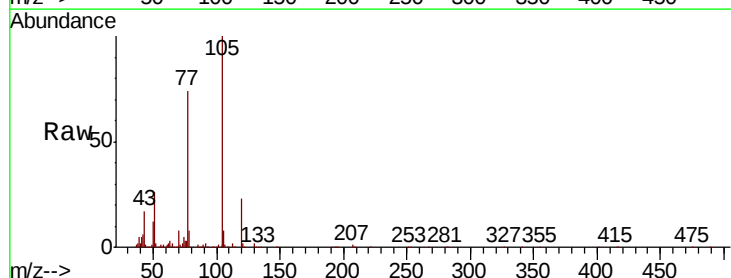
Ion Ratio Lower Upper

105 100

71 1.3 1.7 2.5#

51 25.8 22.6 34.0

120 22.6 18.3 27.5

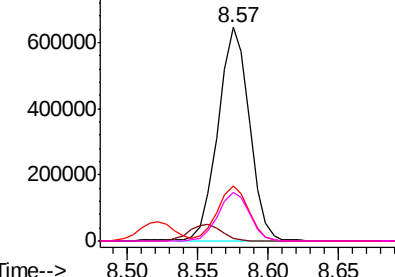


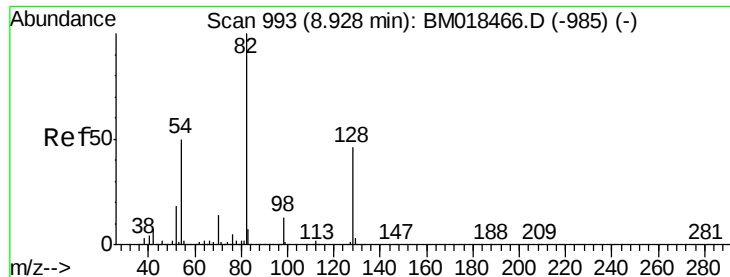
Abundance Ion 105.00 (104.70 to 105.70): E

1000000 Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

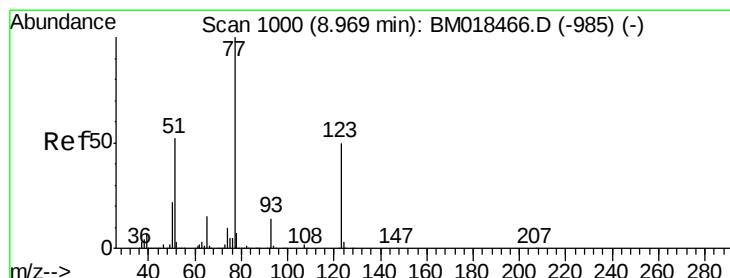
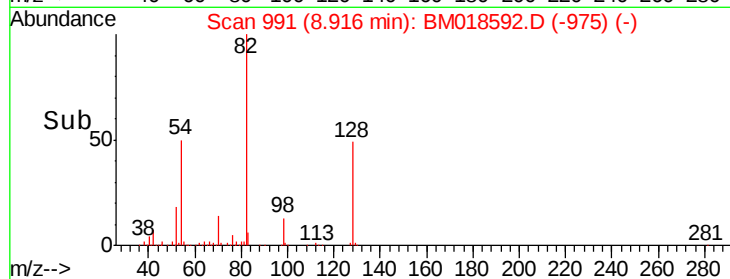
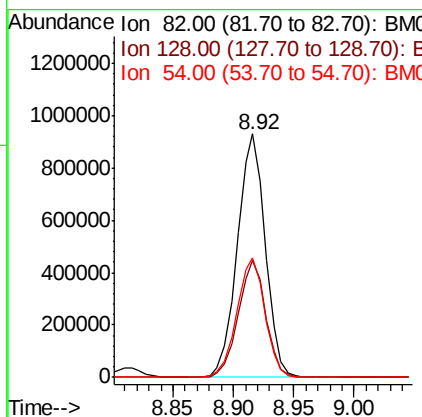
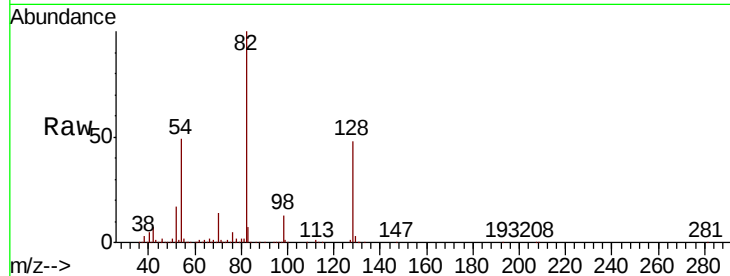




#23
 Nitrobenzene-d5
 Concen: 54.705 ng
 RT: 8.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

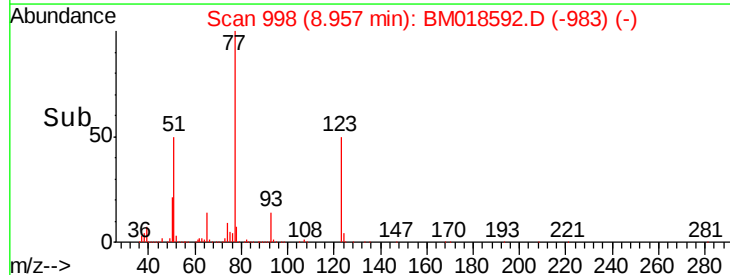
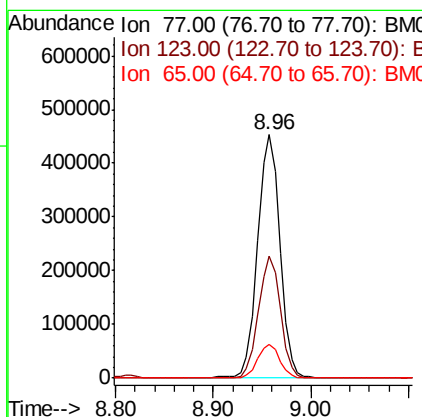
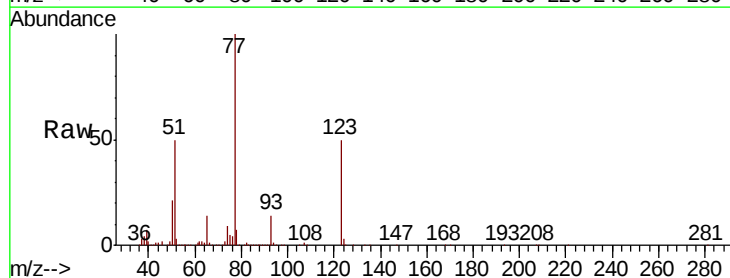
Instrument :
 BNA_M
 ClientSampleId :
 TP-6MS

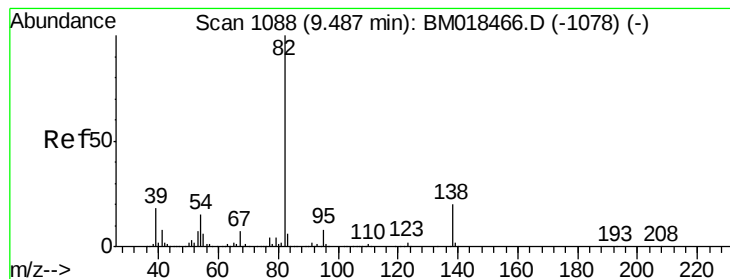
Tgt Ion: 82 Resp: 1499167
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.3 54.5
 54 48.9 41.7 62.5



#24
 Nitrobenzene
 Concen: 26.925 ng
 RT: 8.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Tgt Ion: 77 Resp: 726016
 Ion Ratio Lower Upper
 77 100
 123 50.0 37.7 56.5
 65 13.9 11.0 16.6





#25

Isophorone

Concen: 32.263 ng

RT: 9.47 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

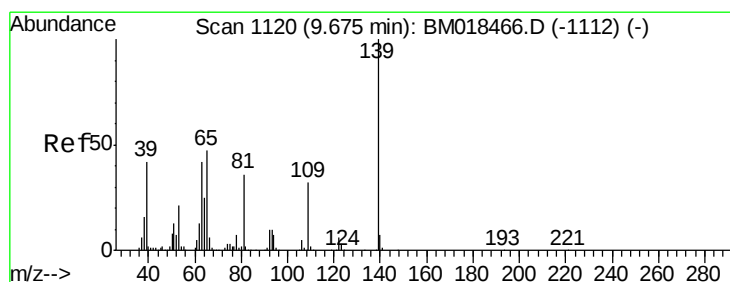
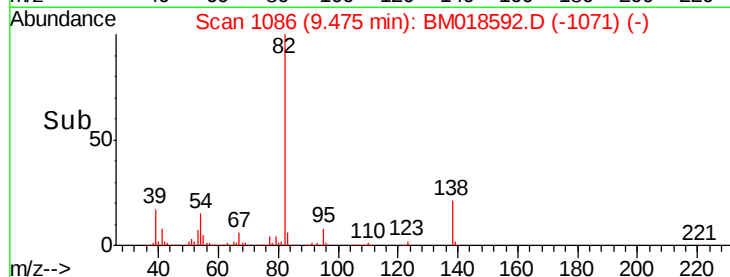
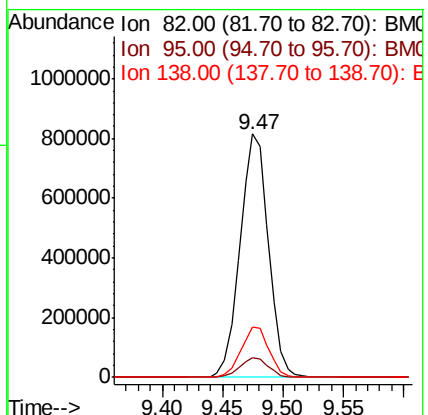
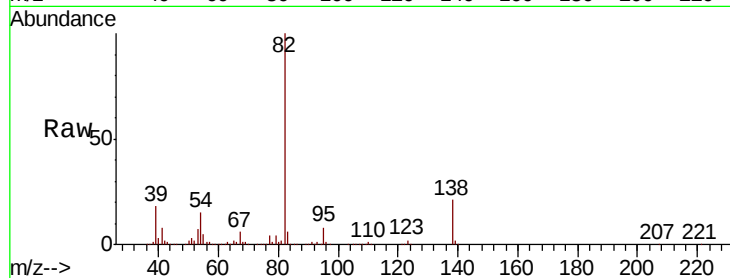
Tgt Ion: 82 Resp: 1338872

Ion Ratio Lower Upper

82 100

95 7.9 6.1 9.1

138 20.6 15.1 22.7



#26

2-Nitrophenol

Concen: 31.477 ng

RT: 9.66 min Scan# 1117

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

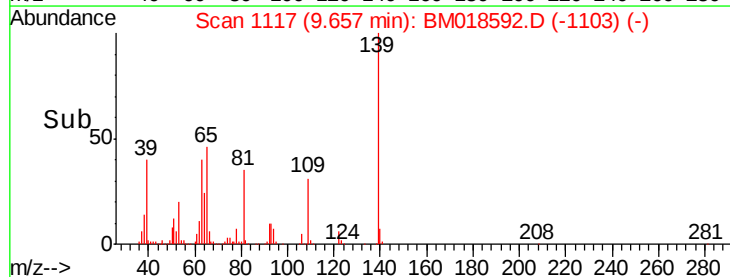
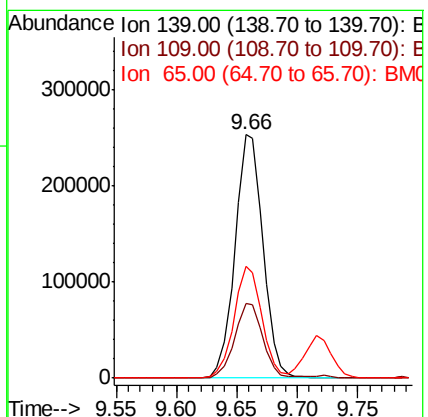
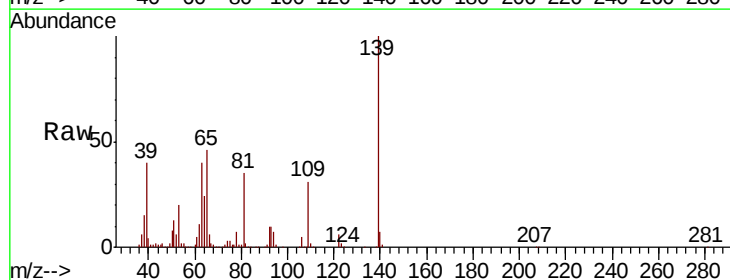
Tgt Ion: 139 Resp: 410399

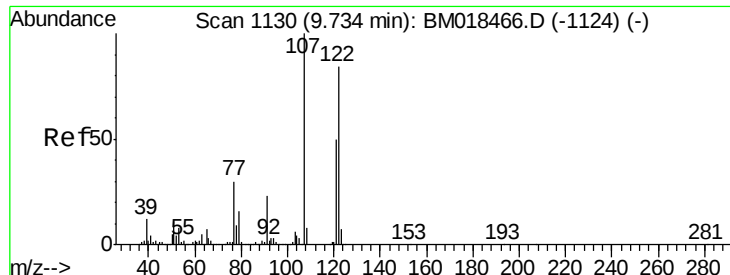
Ion Ratio Lower Upper

139 100

109 30.5 23.4 35.2

65 45.8 39.4 59.2

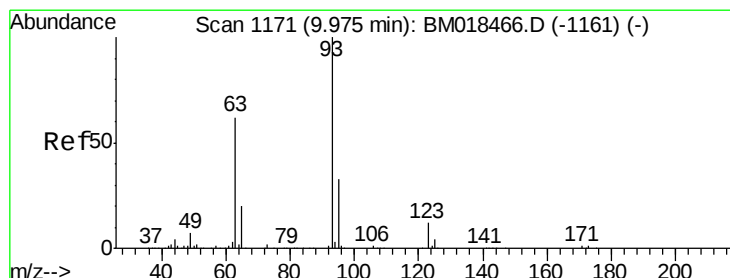
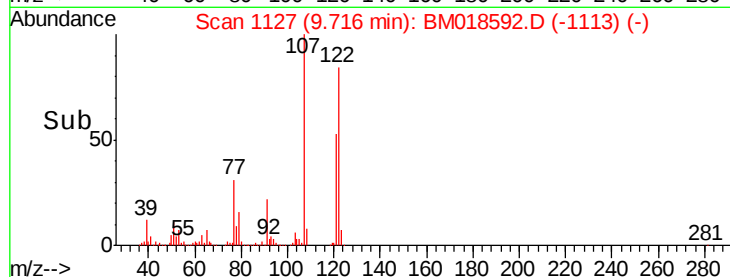
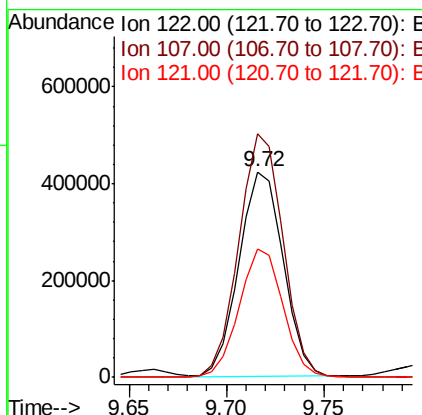
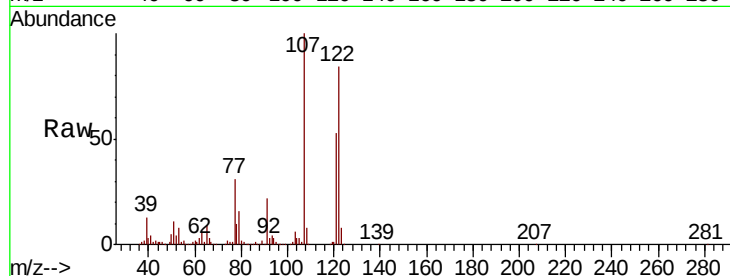




#27
 2,4-Dimethylphenol
 Concen: 34.063 ng
 RT: 9.72 min Scan# 1127
 Delta R.T. -0.02 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

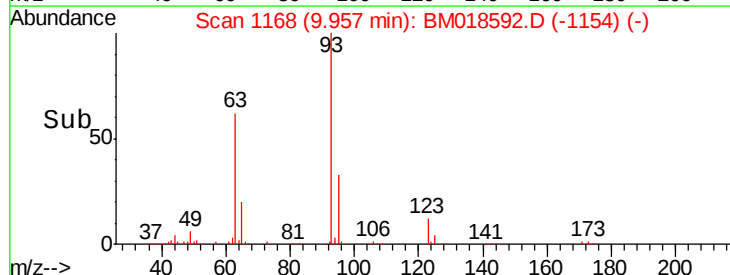
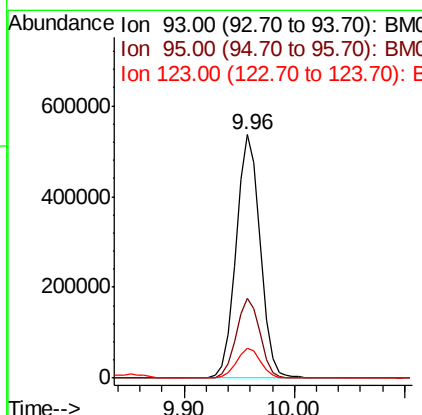
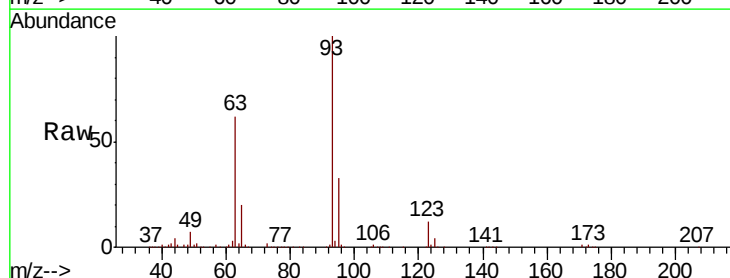
Instrument :
 BNA_M
 ClientSampleId :
 TP-6MS

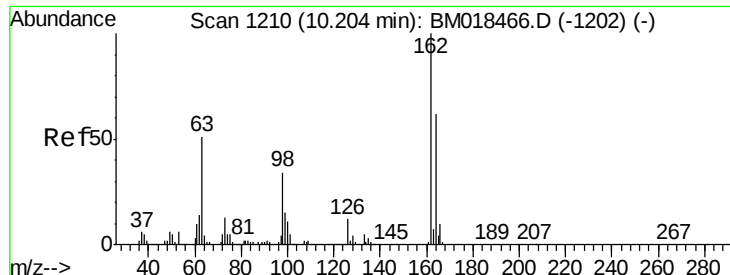
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.5	91.9	137.9
121	62.3	47.5	71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 28.713 ng
 RT: 9.96 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	39.8
123	12.3	9.9	14.9

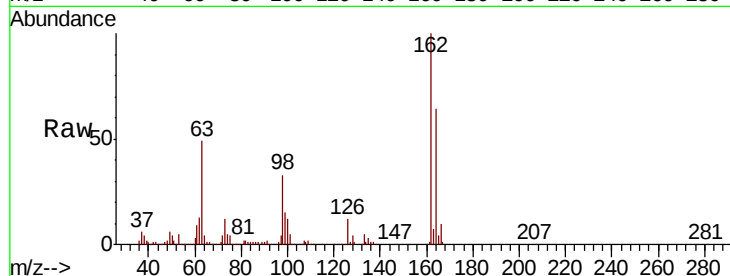




#29
 2,4-Dichlorophenol
 Concen: 31.364 ng
 RT: 10.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Instrument :
 BNA_M
 ClientSampleId :
 TP-6MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.6	85.6
98	33.5	14.7	54.7

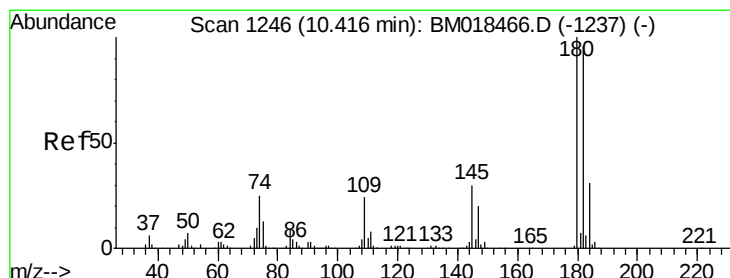
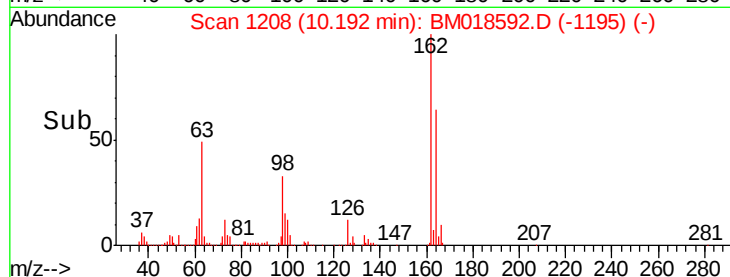
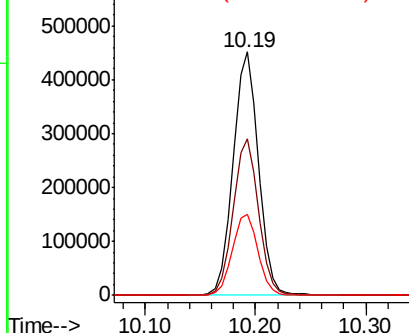


Abundance

Ion 162.00 (161.70 to 162.70): E

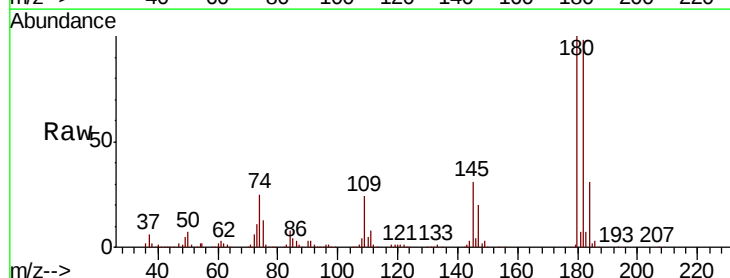
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 26.790 ng
 RT: 10.40 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.4	116.2
145	31.4	24.6	37.0

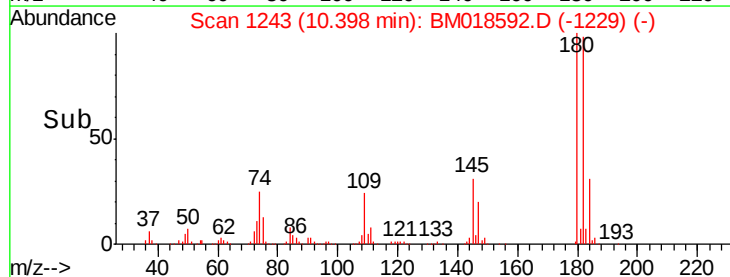
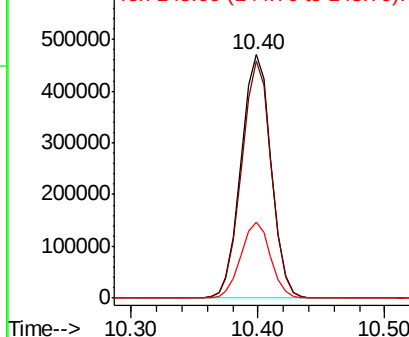


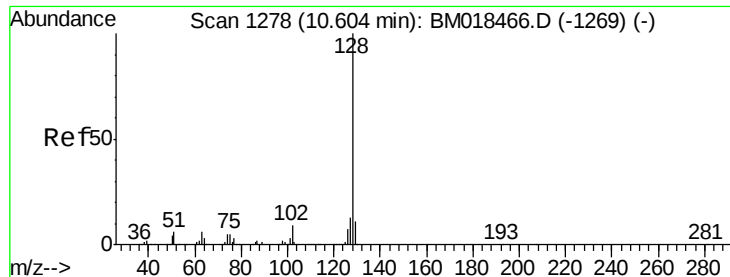
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

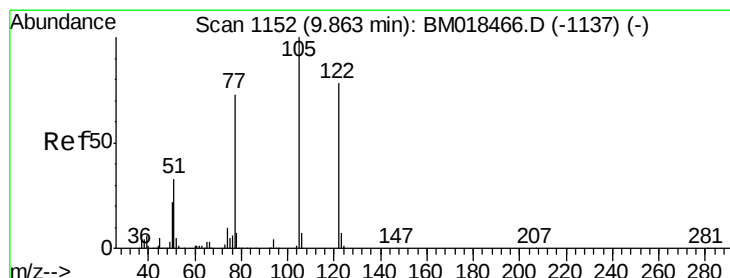
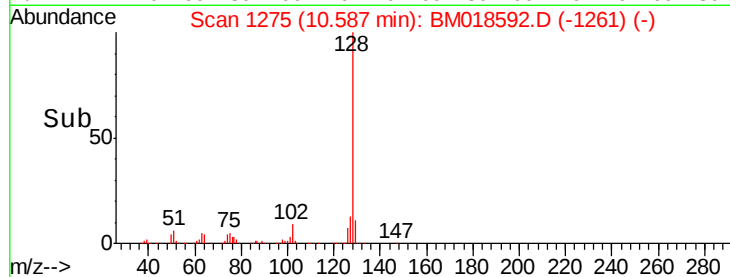
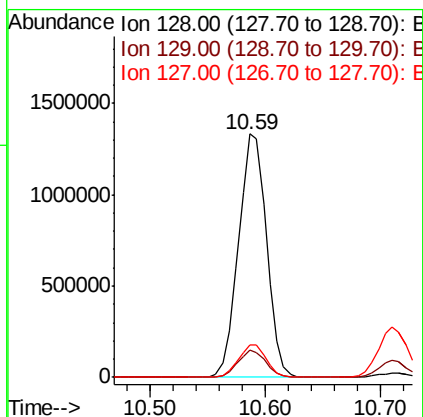
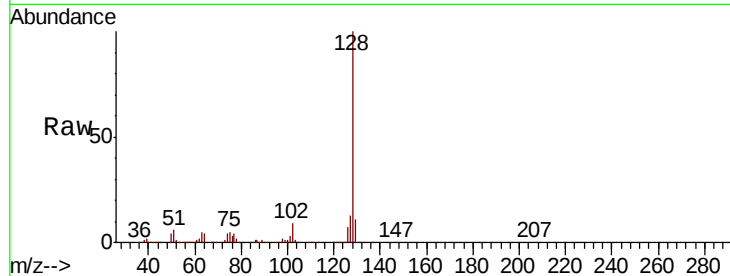




#31
Naphthalene
Concen: 29.273 ng
RT: 10.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

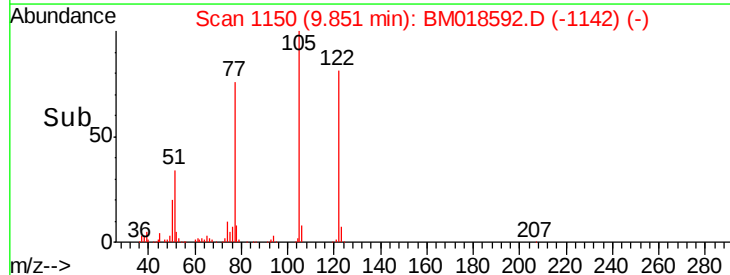
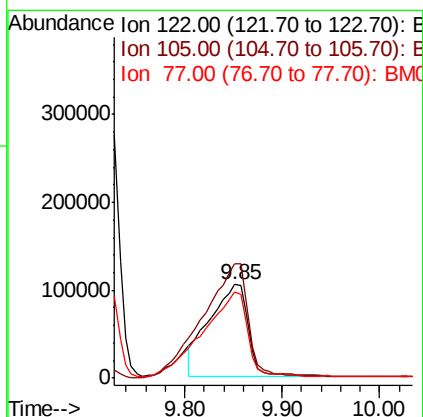
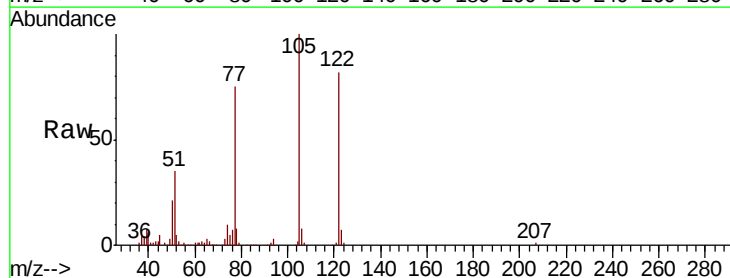
Instrument :
BNA_M
ClientSampleId :
TP-6MS

Tgt Ion:128 Resp: 2239725
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 25.594 ng
RT: 9.85 min Scan# 1150
Delta R.T. -0.05 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion:122 Resp: 290575
Ion Ratio Lower Upper
122 100
105 122.5 100.4 140.4
77 92.4 71.7 111.7

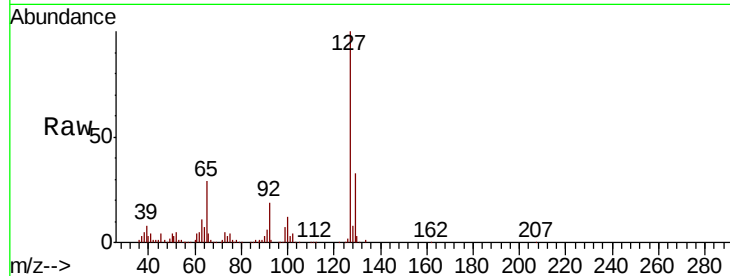




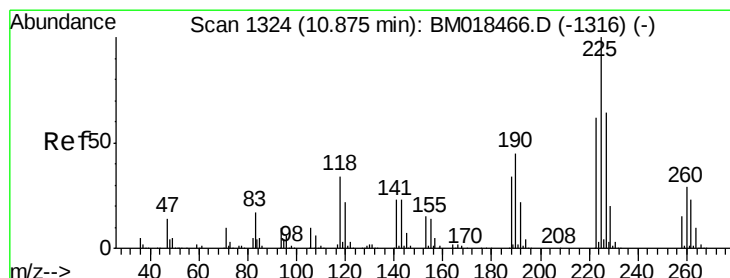
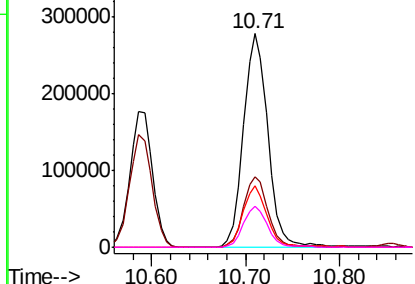
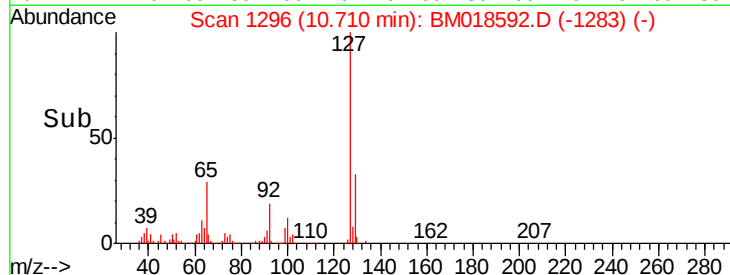
#33
4-Chloroaniline
Concen: 16.594 ng
RT: 10.71 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :
TP-6MS

Tgt Ion:	127	Resp:	500009
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	28.9	23.4	35.2
92	19.3	14.5	21.7

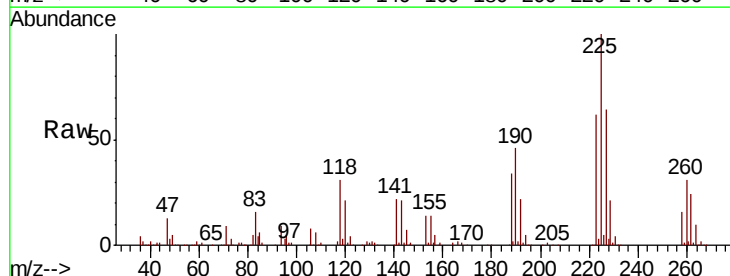


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

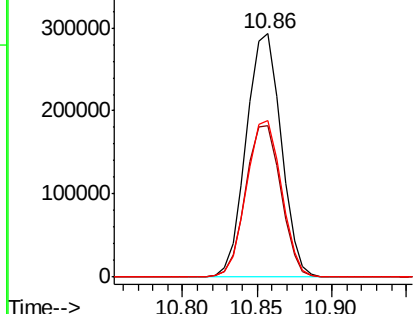
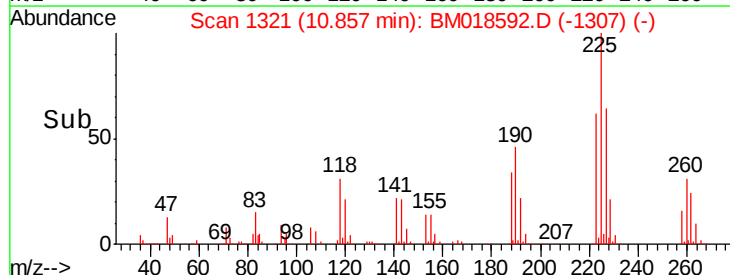


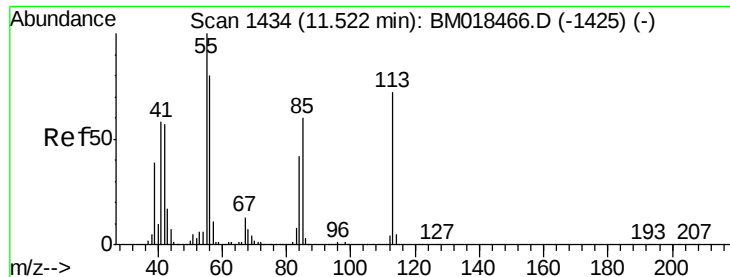
#34
Hexachlorobutadiene
Concen: 25.984 ng
RT: 10.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion:	225	Resp:	474142
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.8	76.2
227	64.1	50.4	75.6



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





#35

Caprolactam

Concen: 25.128 ng

RT: 11.53 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

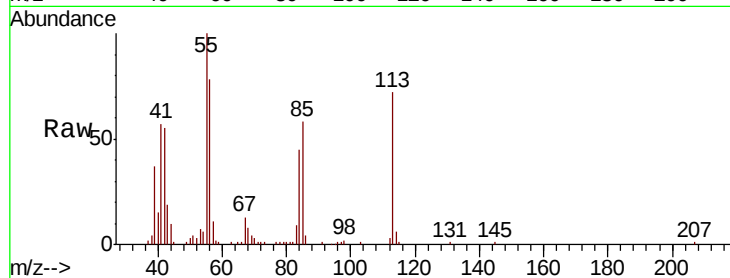
Tgt Ion:113 Resp: 198808

Ion Ratio Lower Upper

113 100

55 138.8 139.3 179.3#

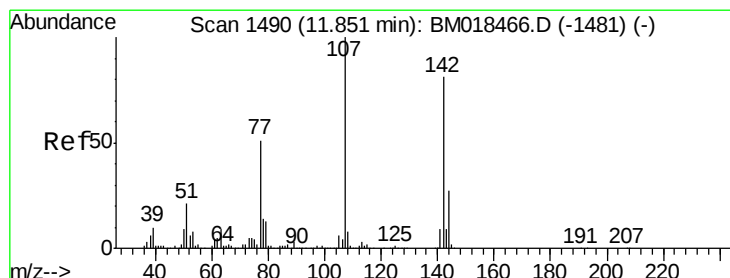
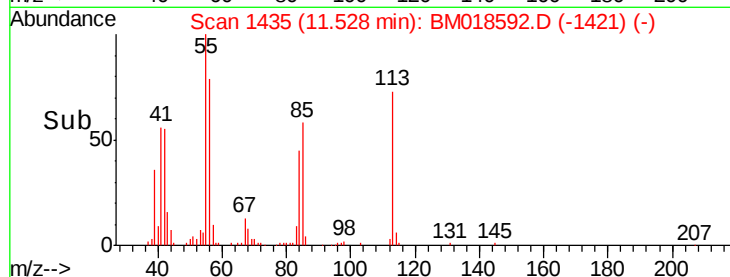
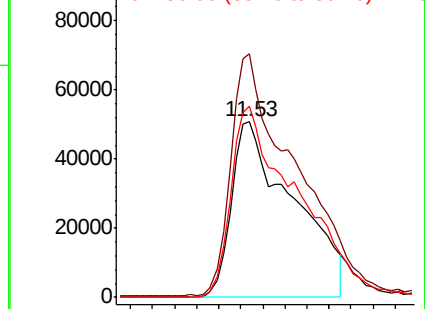
56 108.9 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 30.938 ng

RT: 11.84 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

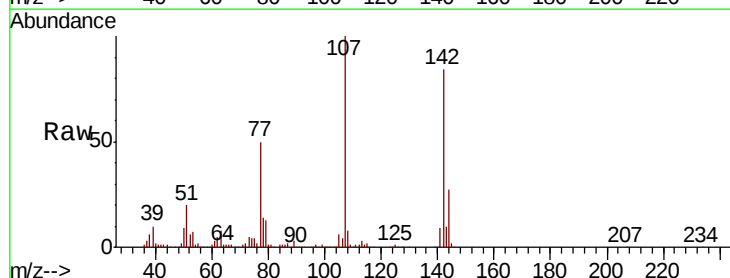
Tgt Ion:107 Resp: 755310

Ion Ratio Lower Upper

107 100

144 27.3 21.9 32.9

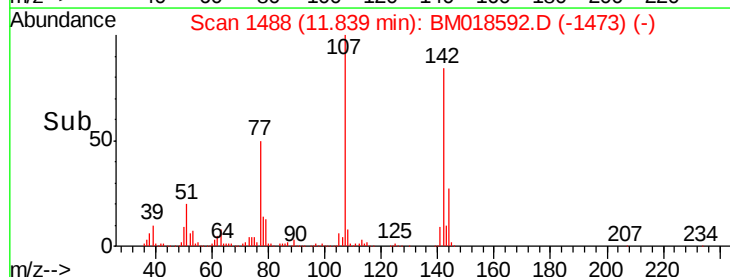
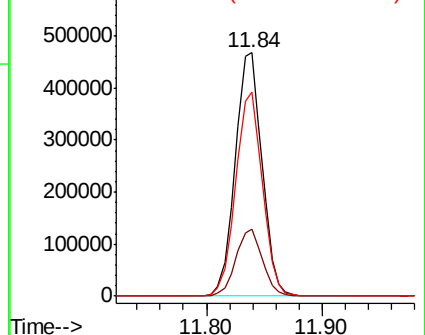
142 84.0 67.9 101.9

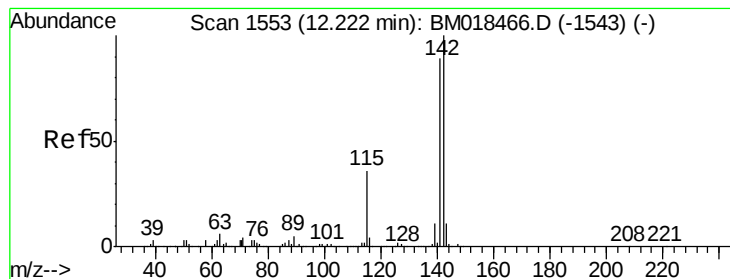


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 31.419 ng

RT: 12.20 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampled :

TP-6MS

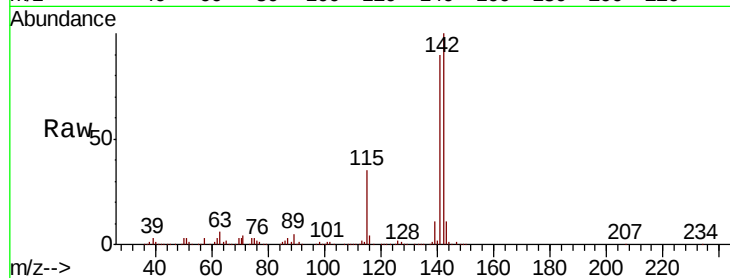
Tgt Ion:142 Resp: 1698420

Ion Ratio Lower Upper

142 100

141 89.8 71.4 107.2

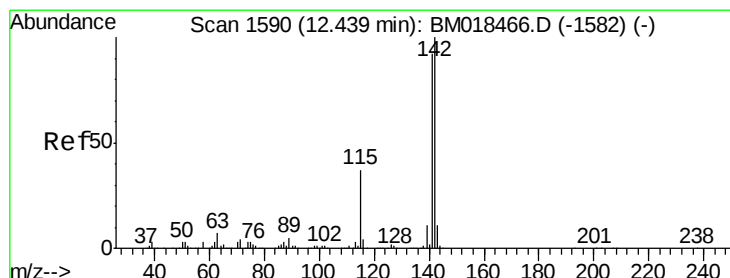
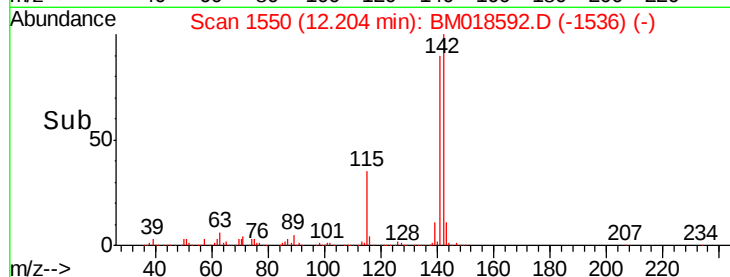
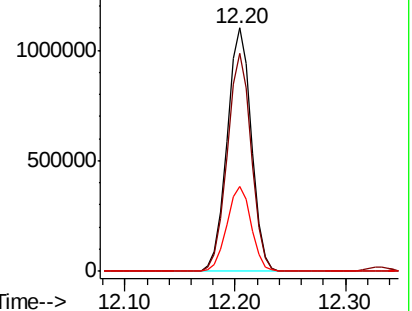
115 34.8 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 30.735 ng

RT: 12.43 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

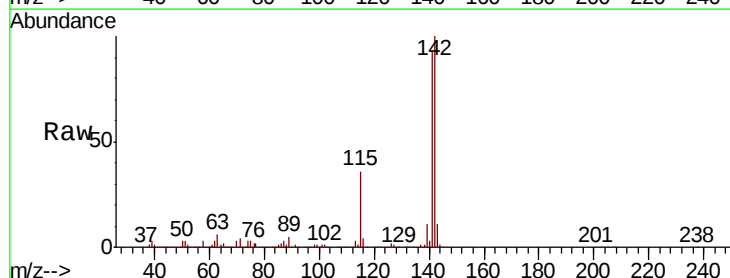
Tgt Ion:142 Resp: 1607614

Ion Ratio Lower Upper

142 100

141 92.7 75.6 113.4

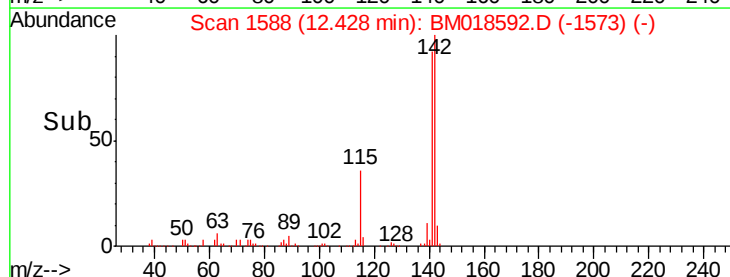
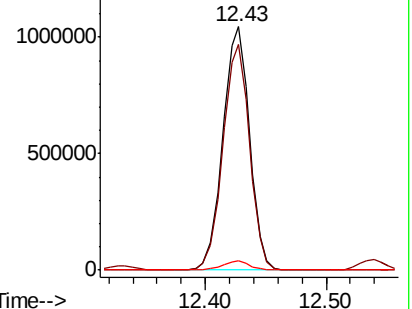
116 3.8 3.0 4.6

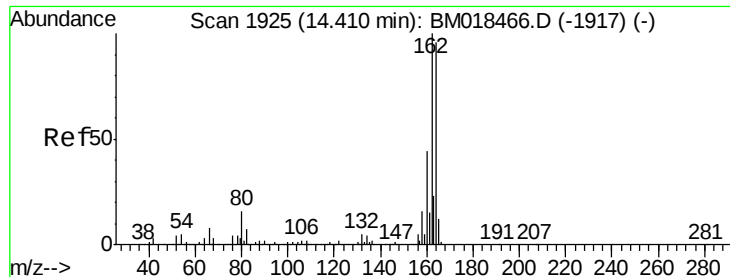


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.40 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

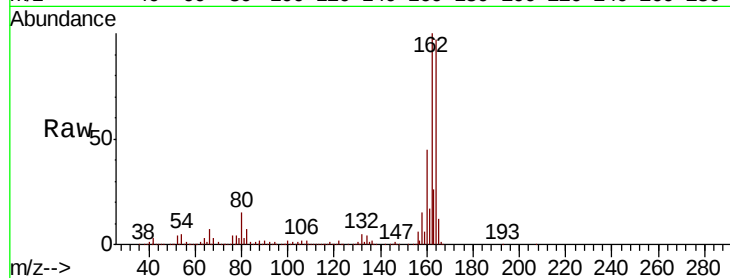
Tgt Ion:164 Resp: 928502

Ion Ratio Lower Upper

164 100

162 103.0 83.0 124.4

160 46.2 37.1 55.7

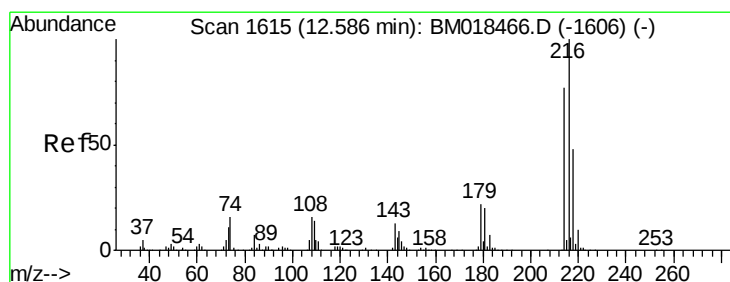
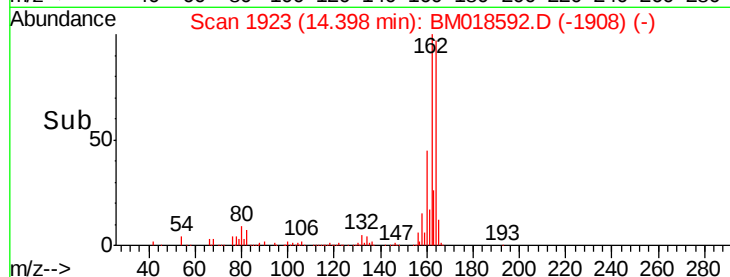
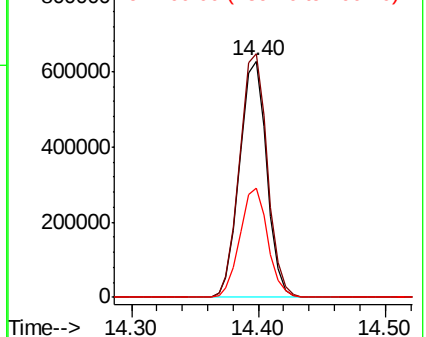


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 27.618 ng

RT: 12.57 min Scan# 1612

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Tgt Ion:216 Resp: 896728

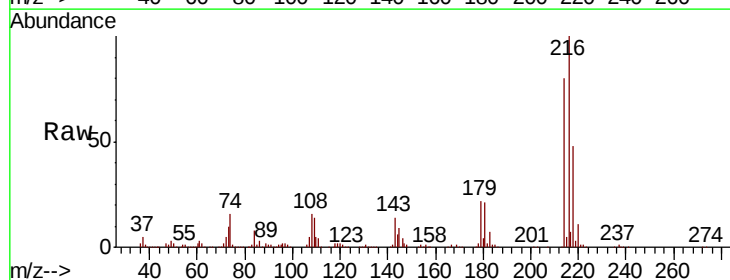
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.0

179 21.7 17.9 26.9

108 17.3 15.8 23.6



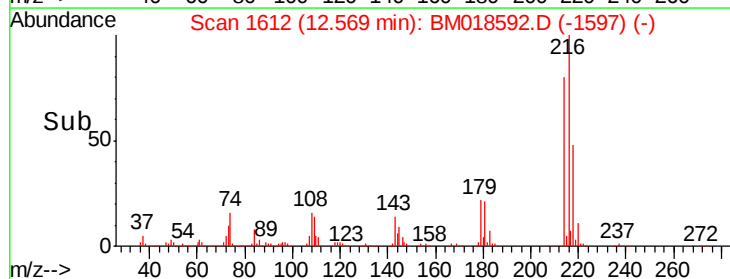
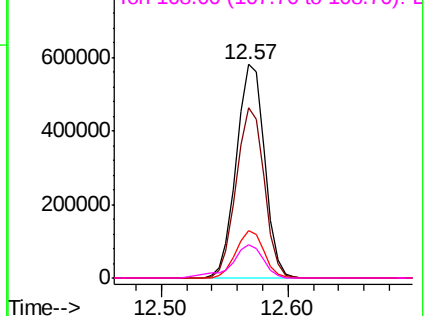
Abundance

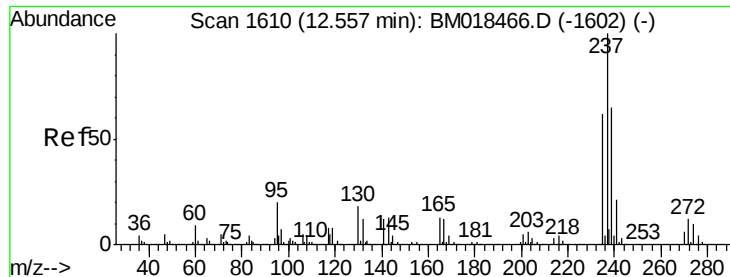
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 31.798 ng

RT: 12.54 min Scan# 1607

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

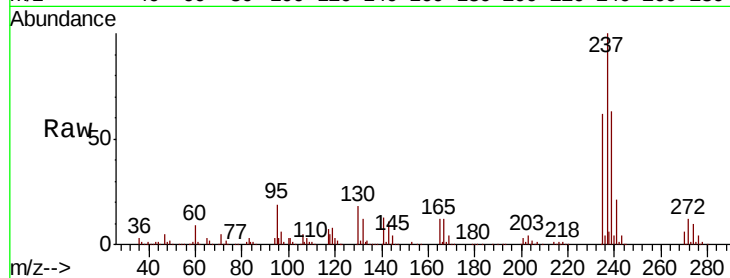
Tgt Ion: 237 Resp: 566636

Ion Ratio Lower Upper

237 100

235 62.4 42.8 82.8

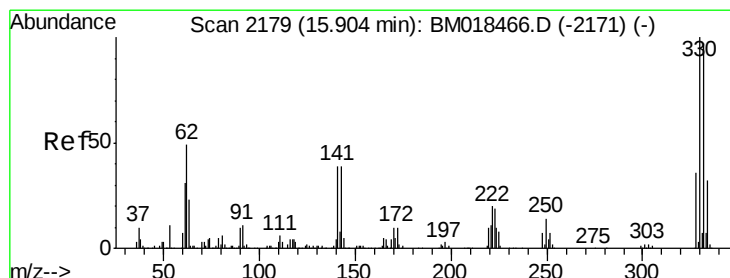
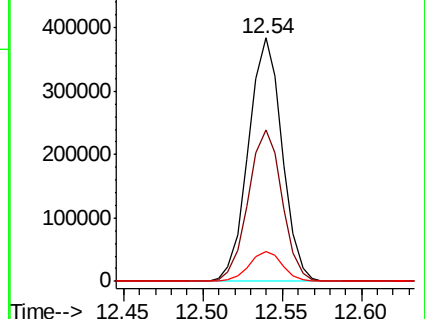
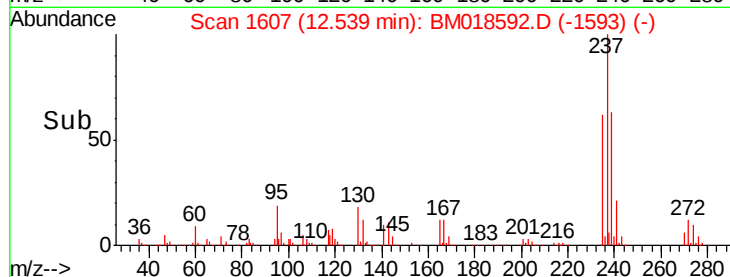
272 12.3 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 92.768 ng

RT: 15.89 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

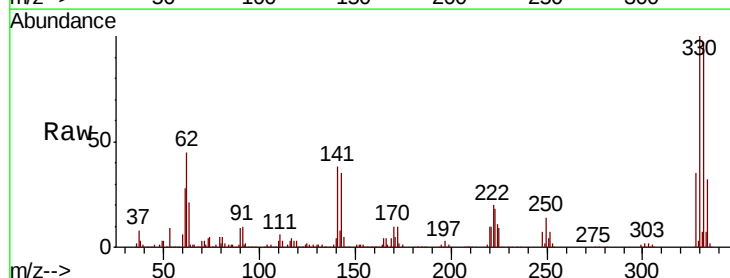
Tgt Ion: 330 Resp: 1096739

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

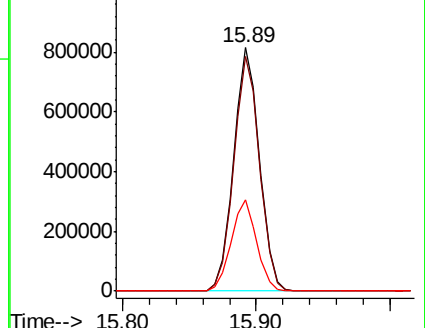
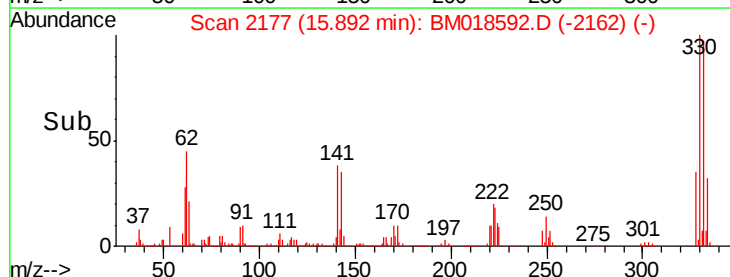
141 37.3 31.7 47.5

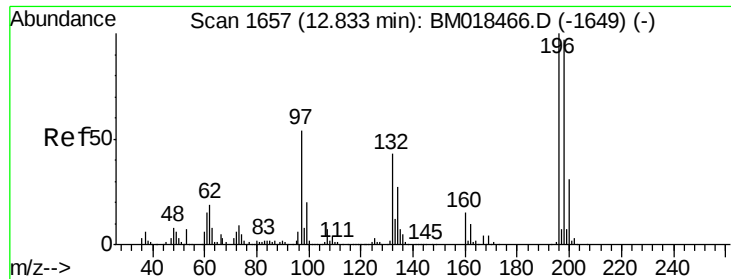


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

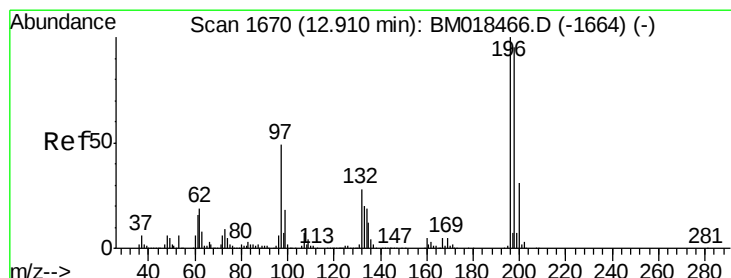
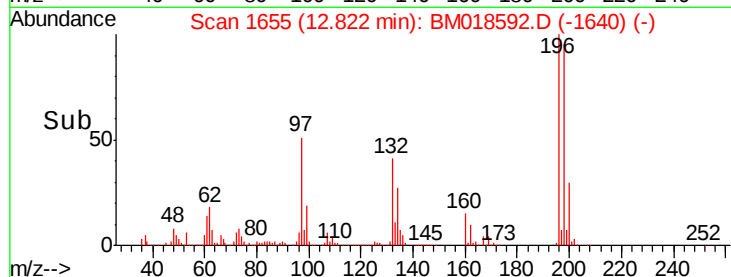
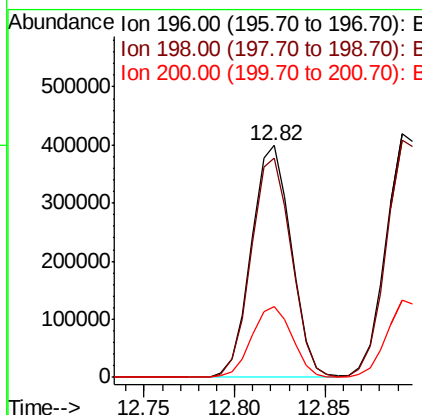
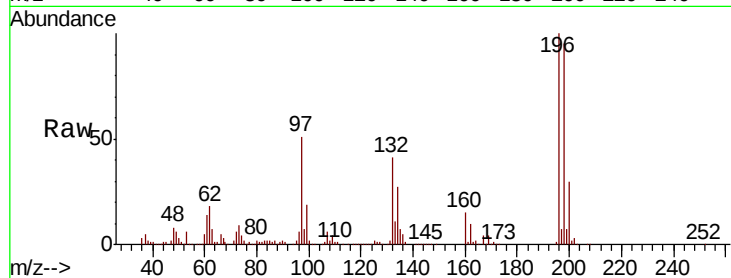




#43
 2,4,6-Trichlorophenol
 Concen: 31.043 ng
 RT: 12.82 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

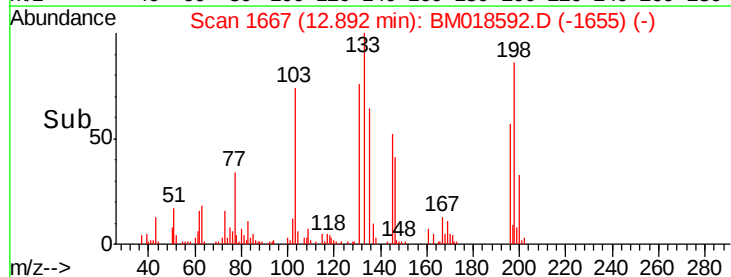
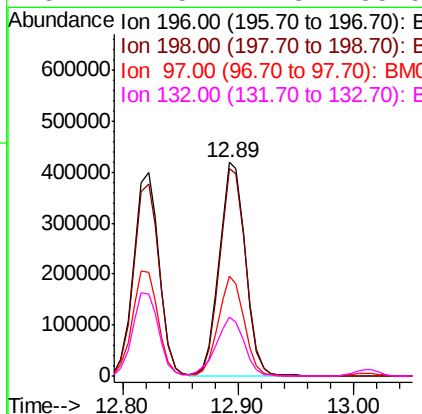
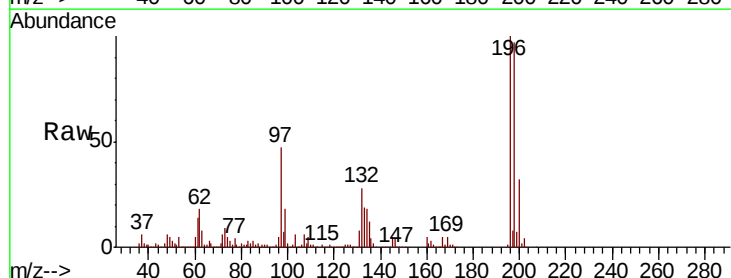
Instrument :
 BNA_M
 ClientSampleID :
 TP-6MS

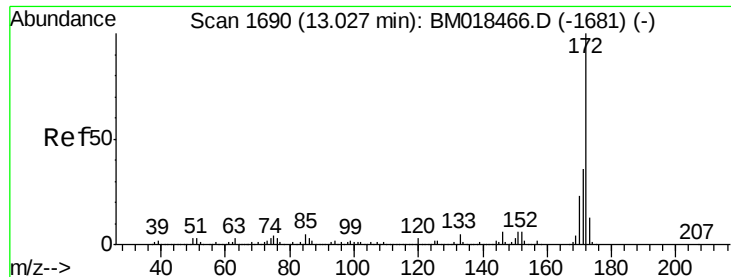
Tgt Ion:196 Resp: 612088
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.6 115.0
 200 30.5 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 31.478 ng
 RT: 12.89 min Scan# 1667
 Delta R.T. -0.03 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Tgt Ion:196 Resp: 652761
 Ion Ratio Lower Upper
 196 100
 198 97.4 76.7 115.1
 97 47.0 39.2 58.8
 132 27.5 22.3 33.5

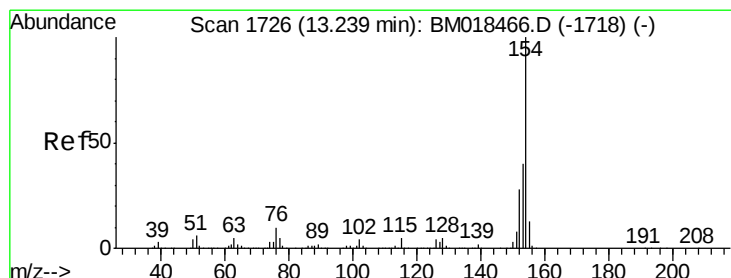
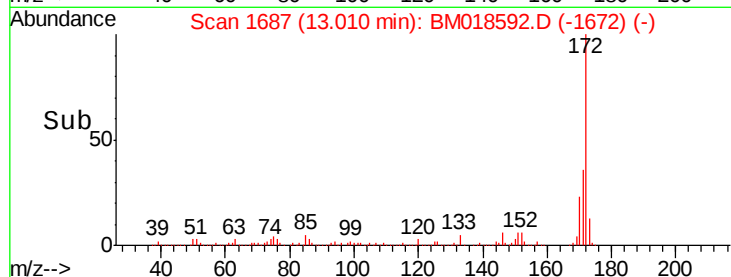
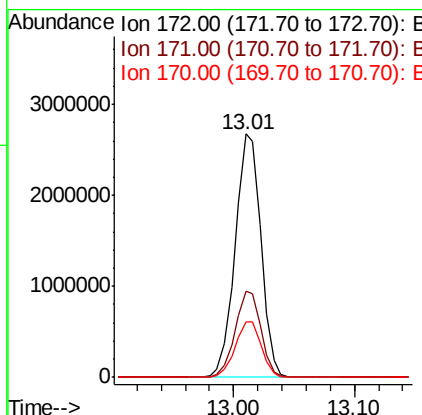
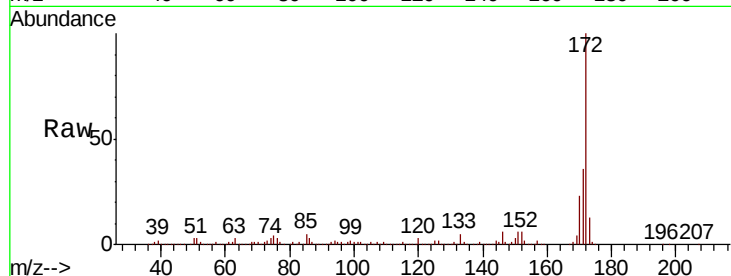




#45
 2-Fluorobiphenyl
 Concen: 55.972 ng
 RT: 13.01 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

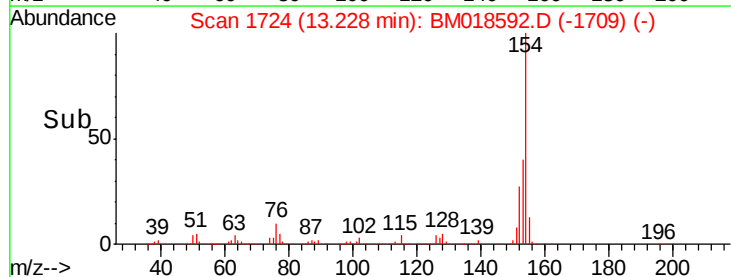
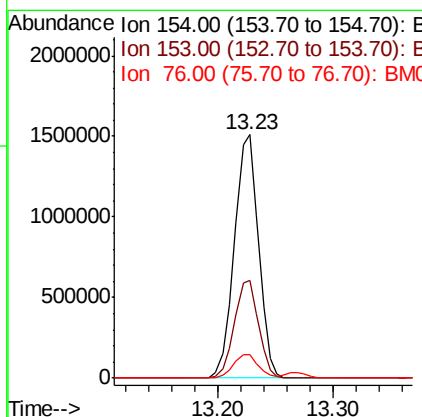
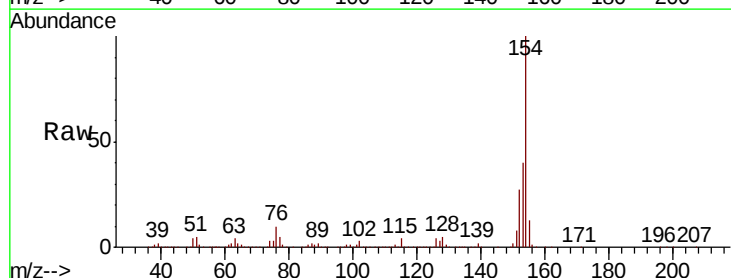
Instrument :
 BNA_M
 ClientSampleId :
 TP-6MS

Tgt Ion:172 Resp: 3982819
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.2 42.4
 170 22.9 18.9 28.3



#46
 1,1'-Biphenyl
 Concen: 26.925 ng
 RT: 13.23 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Tgt Ion:154 Resp: 2182862
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.5 60.5
 76 9.8 0.0 31.9

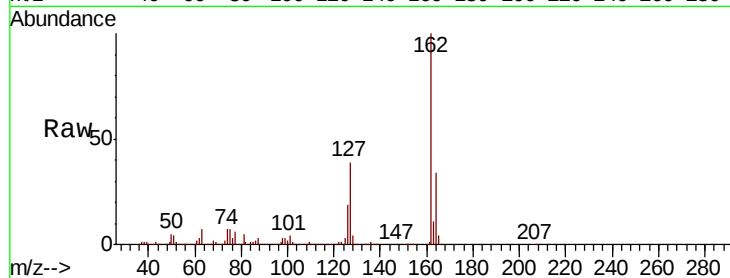




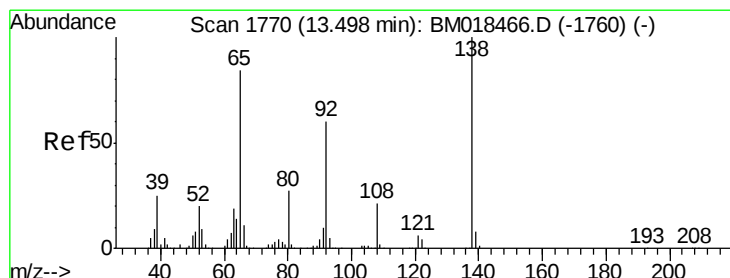
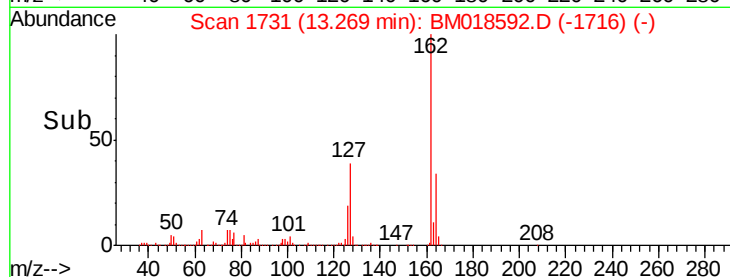
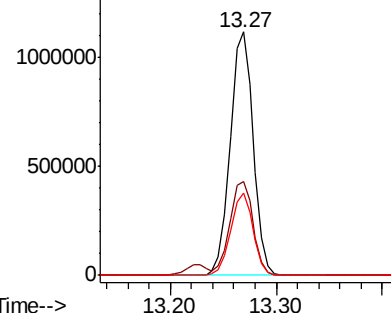
#47
2-Chloronaphthalene
Concen: 26.806 ng
RT: 13.27 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :
TP-6MS

Tgt Ion: 162 Resp: 1685249
Ion Ratio Lower Upper
162 100
127 38.7 31.4 47.0
164 33.6 26.2 39.4

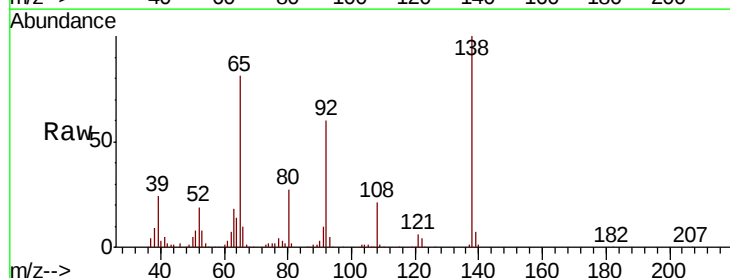


Abundance Ion 162.00 (161.70 to 162.70): E
1500000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

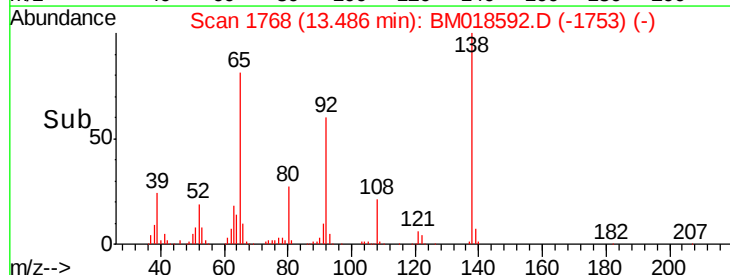
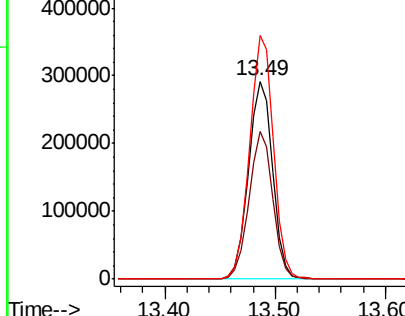


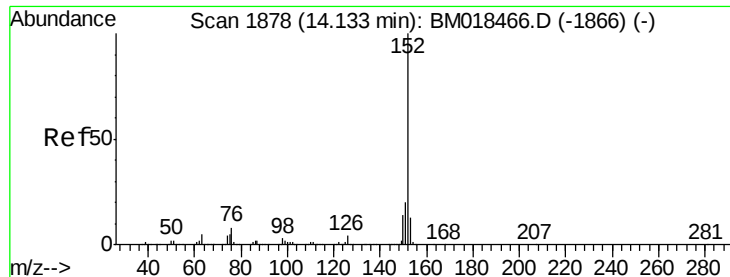
#48
2-Nitroaniline
Concen: 29.179 ng
RT: 13.49 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion: 65 Resp: 451308
Ion Ratio Lower Upper
65 100
92 74.5 53.4 80.2
138 123.2 88.9 133.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
500000 Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 29.897 ng

RT: 14.12 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

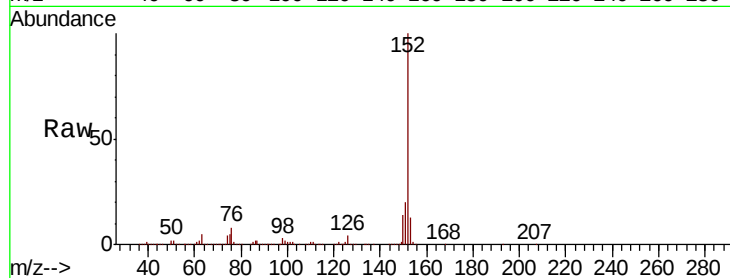
Tgt Ion:152 Resp: 2739144

Ion Ratio Lower Upper

152 100

151 20.4 15.7 23.5

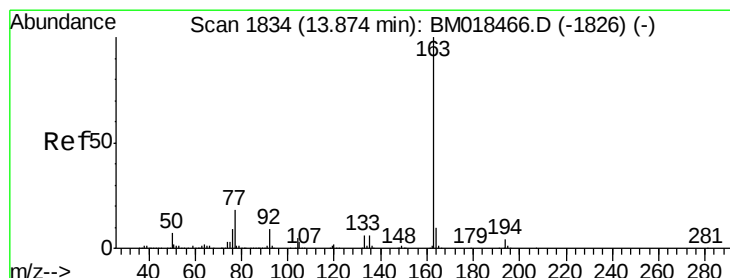
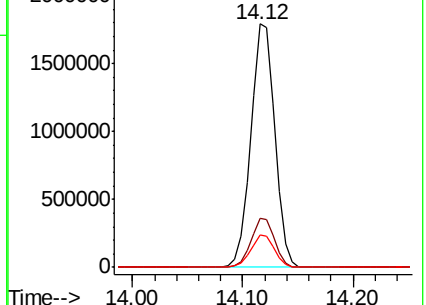
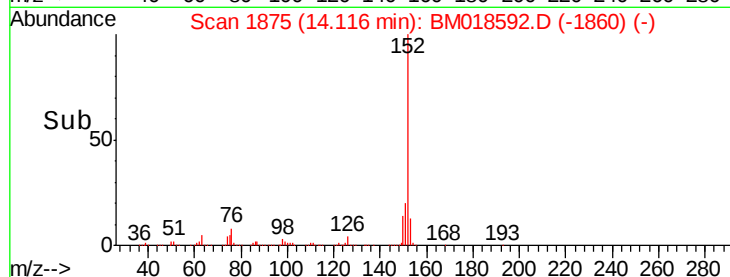
153 13.3 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.847 ng

RT: 13.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

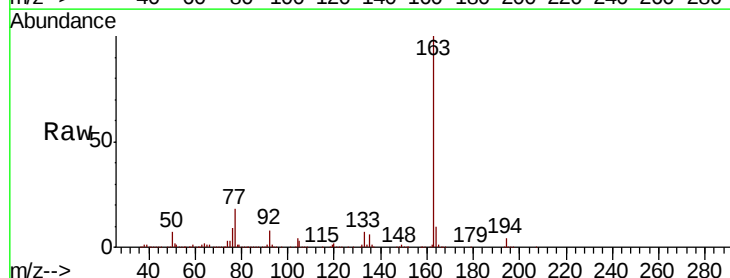
Tgt Ion:163 Resp: 3038533

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

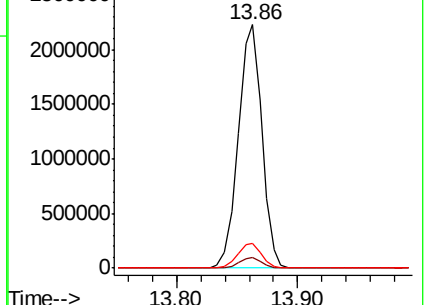
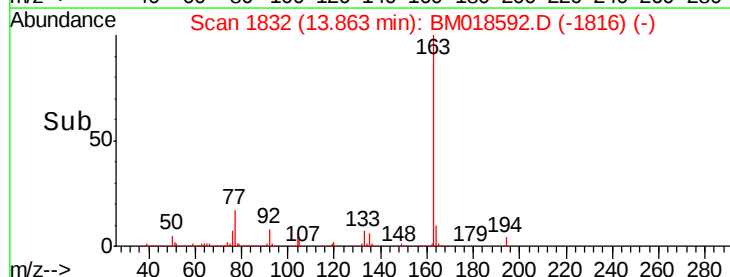
164 10.1 7.8 11.8

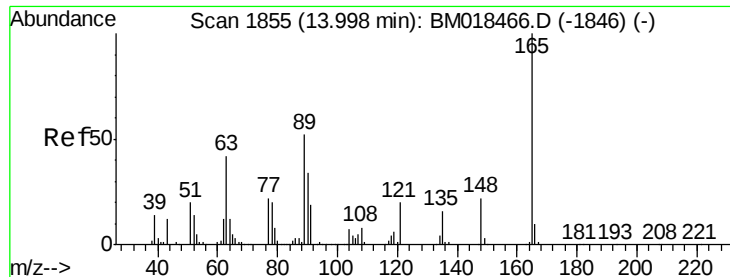


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

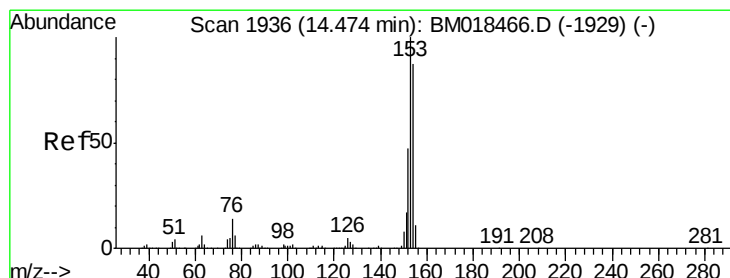
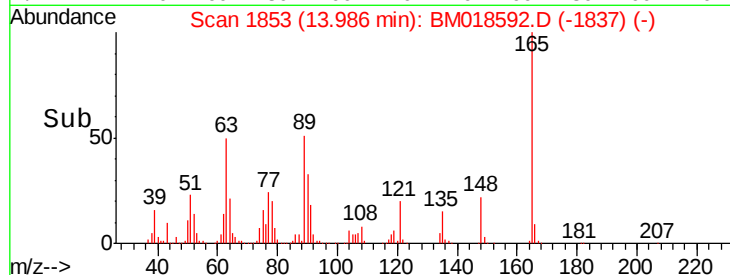
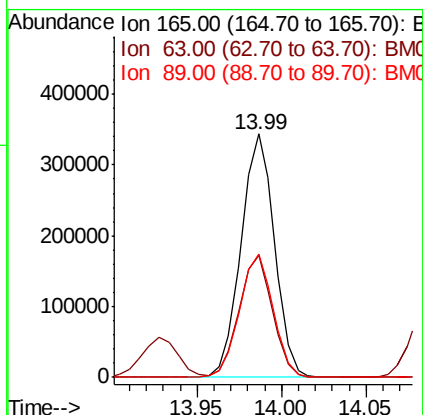
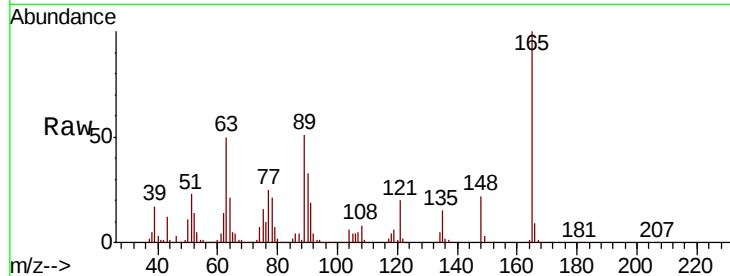




#51
2,6-Dinitrotoluene
Concen: 29.372 ng
RT: 13.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

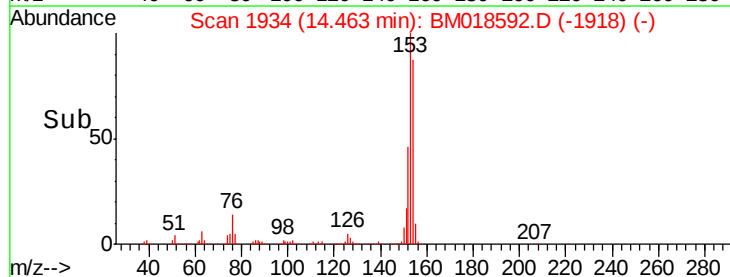
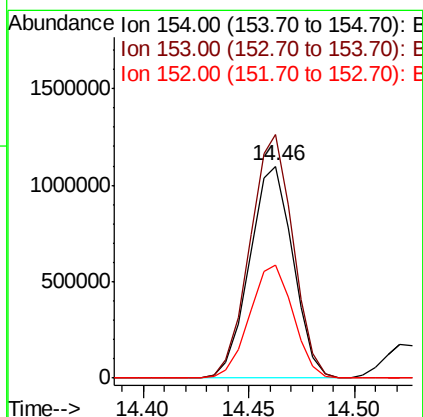
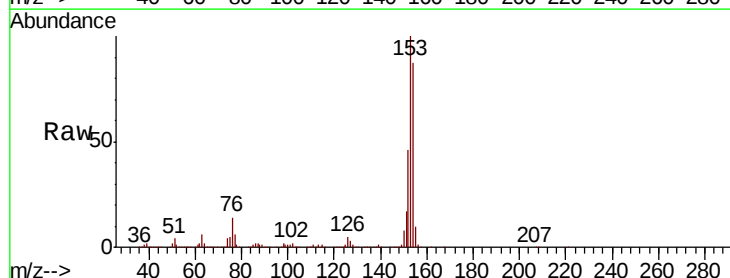
Instrument :
BNA_M
ClientSampleId :
TP-6MS

Tgt Ion:165 Resp: 474433
Ion Ratio Lower Upper
165 100
63 49.9 45.6 68.4
89 50.8 44.6 66.8



#52
Acenaphthene
Concen: 28.017 ng
RT: 14.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion:154 Resp: 1570570
Ion Ratio Lower Upper
154 100
153 115.0 92.3 138.5
152 53.3 43.8 65.6

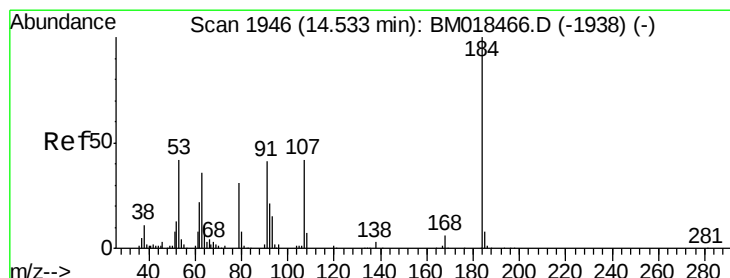
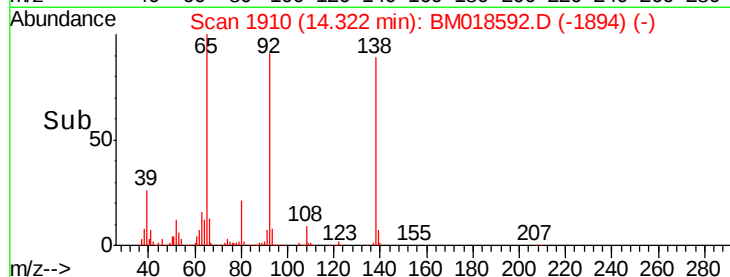
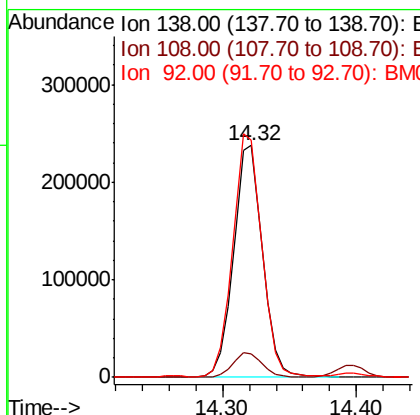
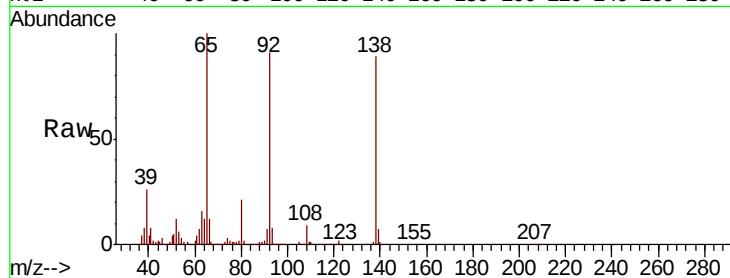




#53
 3-Nitroaniline
 Concen: 22.086 ng
 RT: 14.32 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

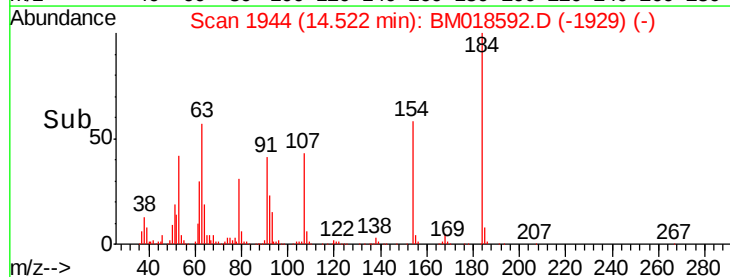
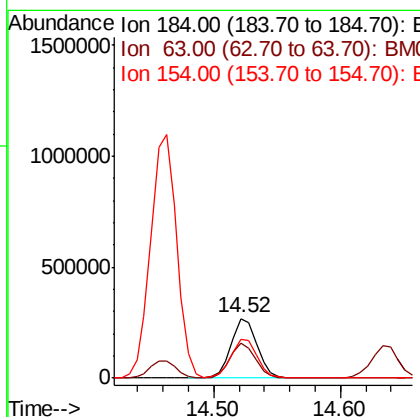
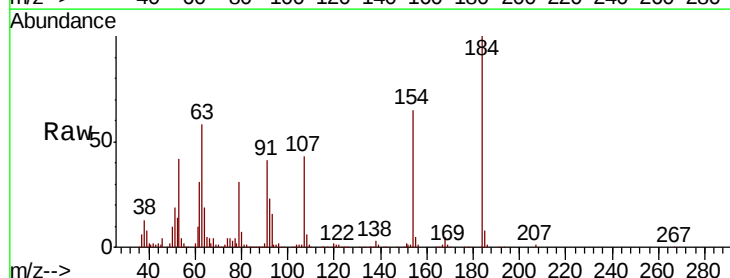
Instrument :
 BNA_M
 ClientSampleId :
 TP-6MS

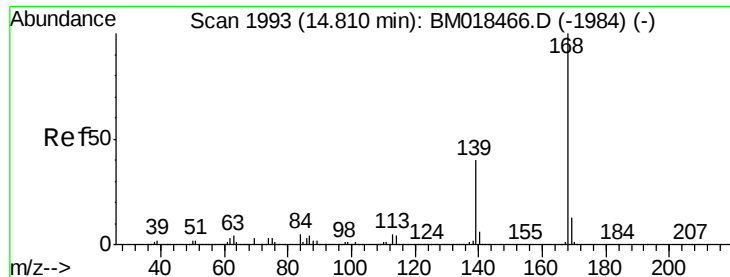
Tgt Ion:138 Resp: 359651
 Ion Ratio Lower Upper
 138 100
 108 10.3 9.1 13.7
 92 102.7 88.2 132.2



#54
 2,4-Dinitrophenol
 Concen: 47.057 ng
 RT: 14.52 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Tgt Ion:184 Resp: 382981
 Ion Ratio Lower Upper
 184 100
 63 57.7 55.9 83.9
 154 64.8 54.2 81.4

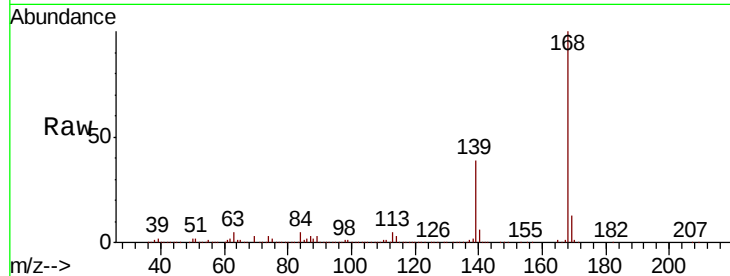




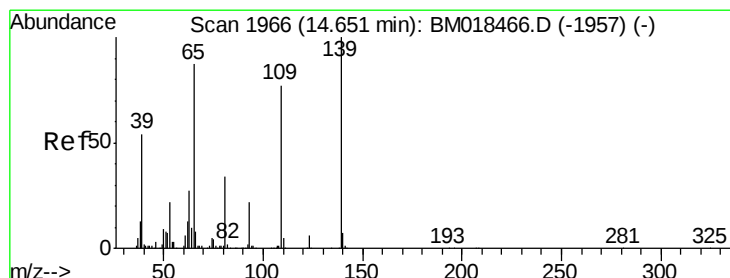
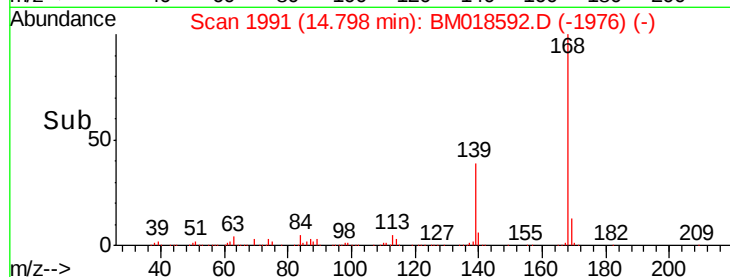
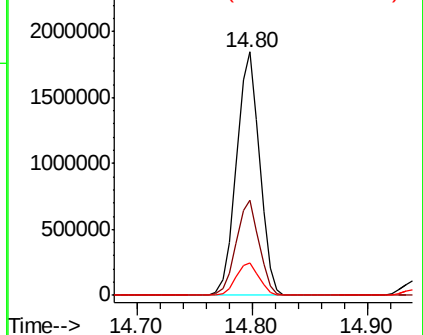
#55
Dibenzofuran
Concen: 27.521 ng
RT: 14.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :
TP-6MS

Tgt Ion:168 Resp: 2549056
Ion Ratio Lower Upper
168 100
139 39.1 30.3 45.5
169 13.3 10.6 16.0

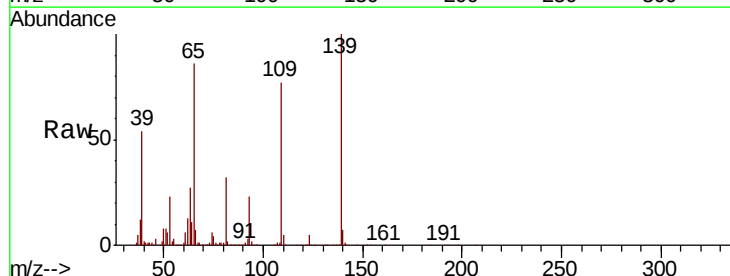


Abundance Ion 168.00 (167.70 to 168.70): E
2500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

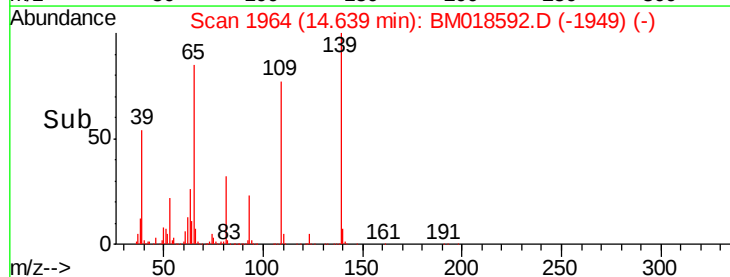
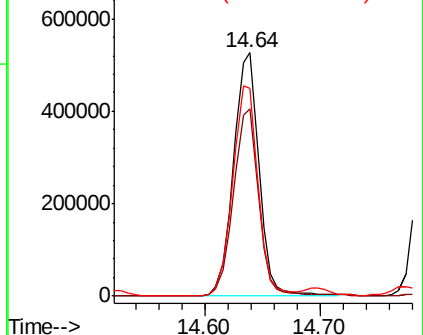


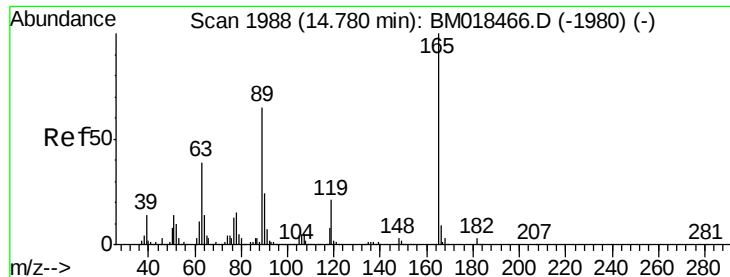
#56
4-Nitrophenol
Concen: 57.487 ng
RT: 14.64 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion:139 Resp: 808736
Ion Ratio Lower Upper
139 100
109 76.7 51.7 91.7
65 85.5 71.4 111.4



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

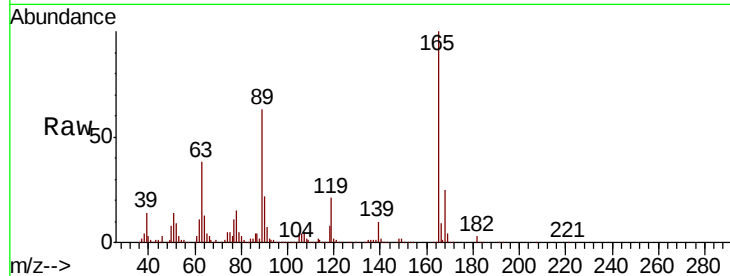




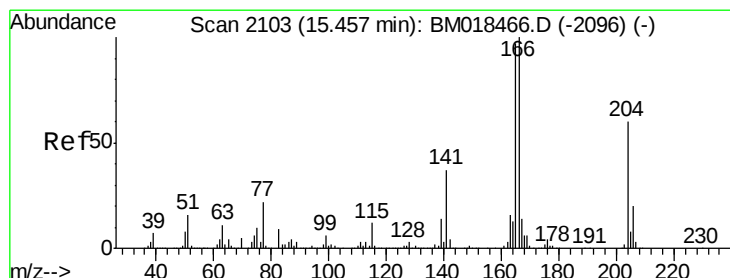
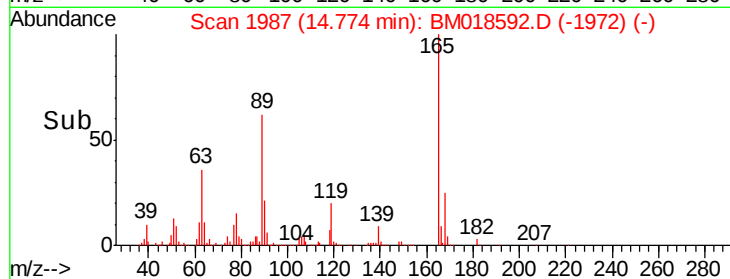
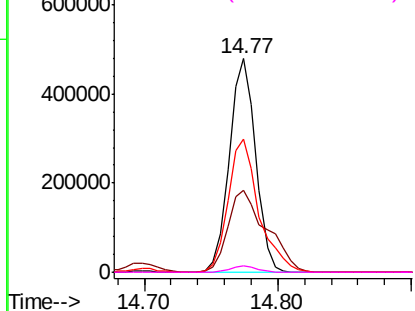
#57
2,4-Dinitrotoluene
Concen: 28.870 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :
TP-6MS

Tgt Ion:165 Resp: 659810
Ion Ratio Lower Upper
165 100
63 38.3 32.2 48.2
89 62.6 52.1 78.1
182 3.0 2.5 3.7

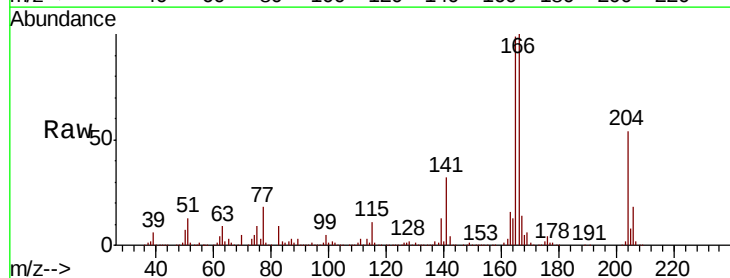


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

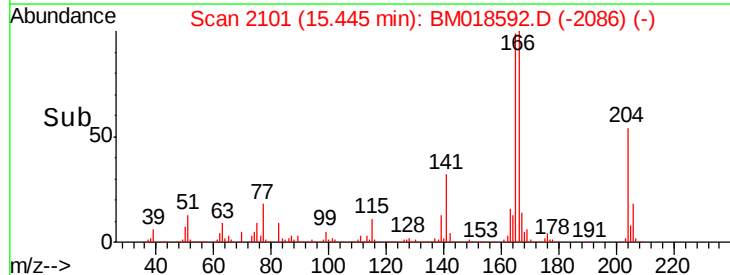
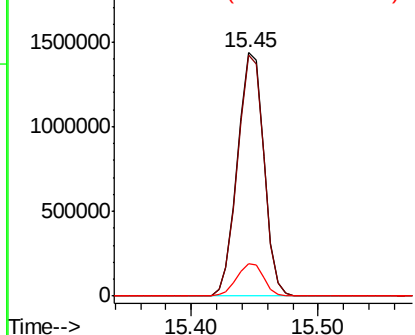


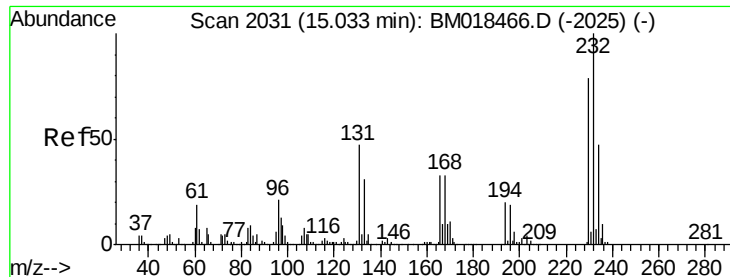
#58
Fluorene
Concen: 29.972 ng
RT: 15.45 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion:166 Resp: 2068035
Ion Ratio Lower Upper
166 100
165 99.2 78.3 117.5
167 13.5 10.9 16.3



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

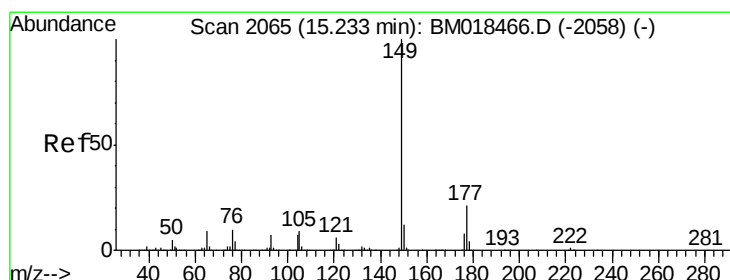
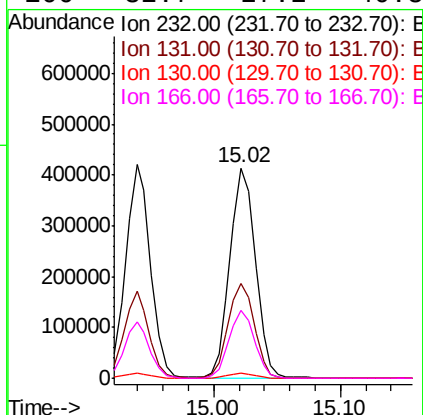
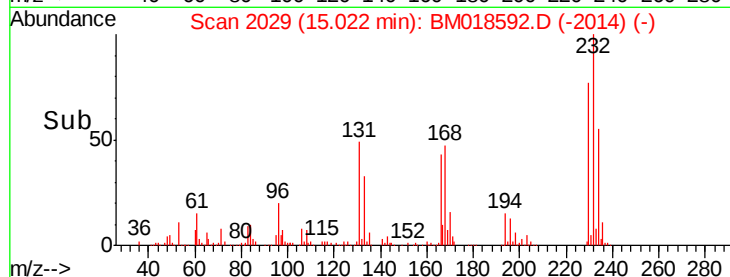
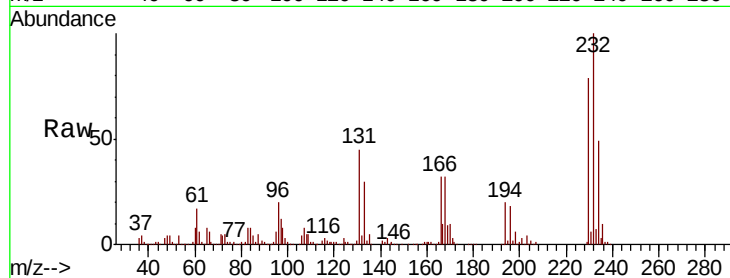




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.410 ng
 RT: 15.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

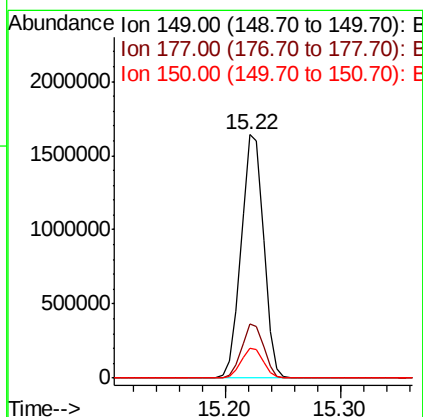
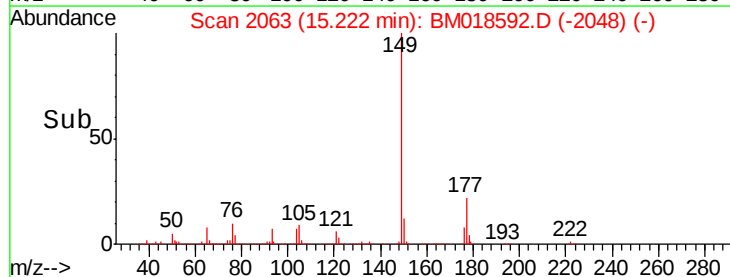
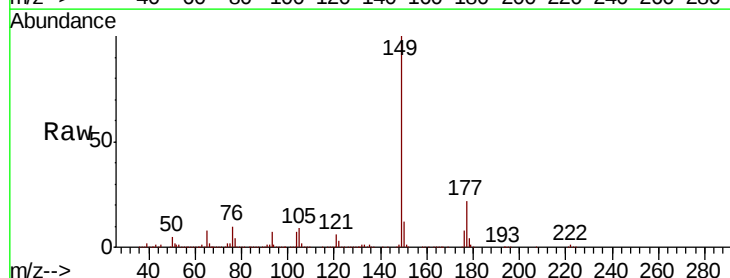
Instrument :
 BNA_M
 ClientSampleId :
 TP-6MS

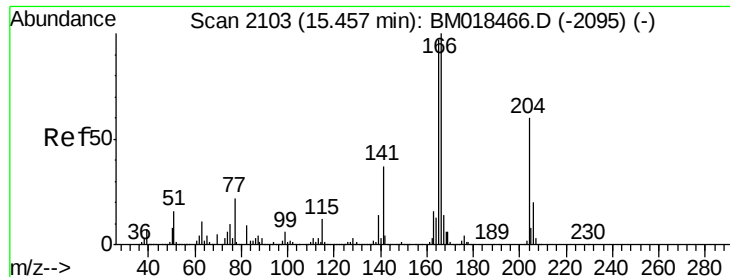
Tgt Ion:	232	Resp:	577331
Ion	Ratio	Lower	Upper
232	100		
131	45.8	38.6	57.8
130	2.5	2.2	3.4
166	32.7	27.2	40.8



#60
 Diethylphthalate
 Concen: 28.665 ng
 RT: 15.22 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Tgt Ion:	149	Resp:	2206631
Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.1	25.7
150	12.5	9.8	14.6

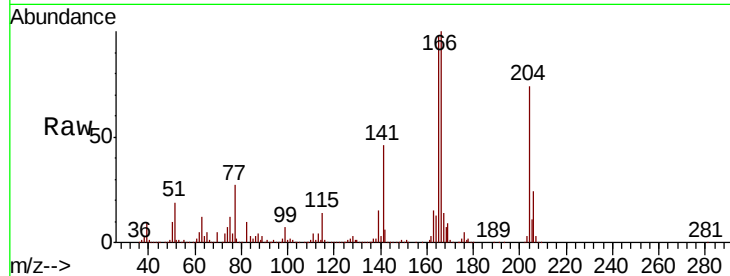




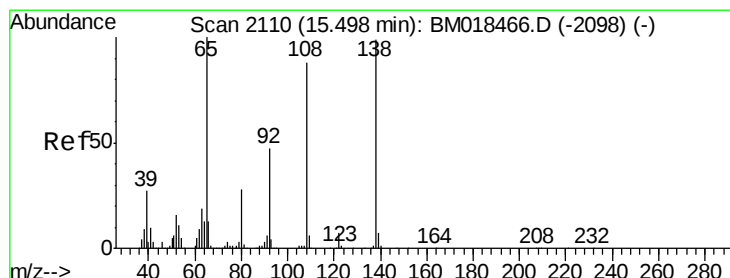
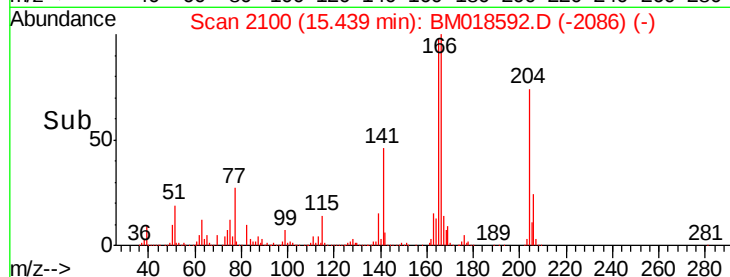
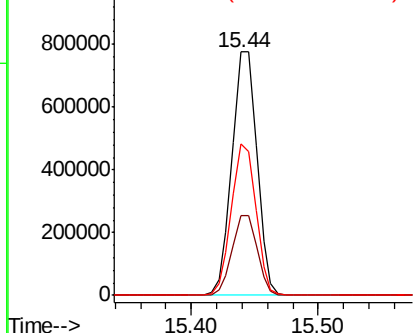
#61
4-Chlorophenyl-phenylether
Concen: 26.685 ng
RT: 15.44 min Scan# 2100
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampled :
TP-6MS

Tgt Ion:204 Resp: 1061184
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 62.4 49.5 74.3

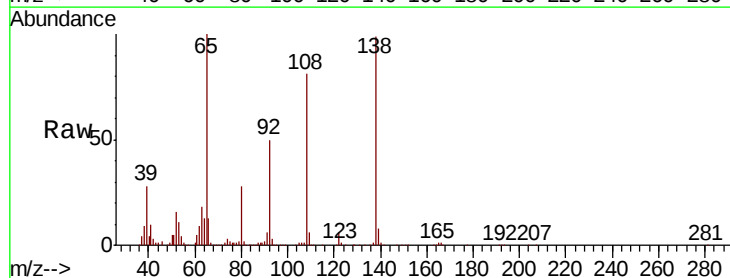


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

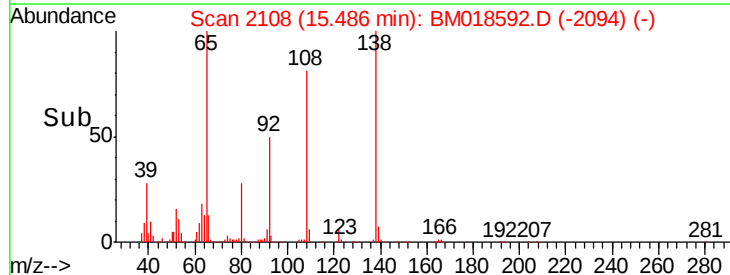
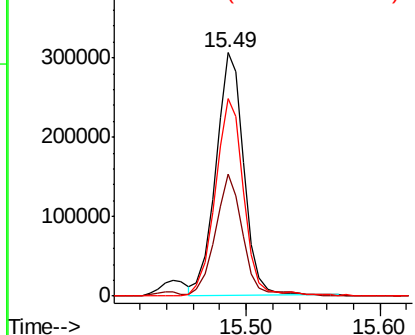


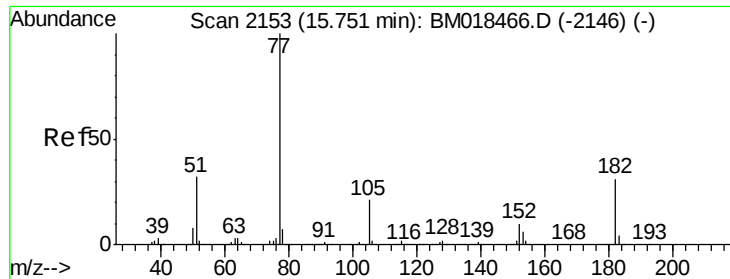
#62
4-Nitroaniline
Concen: 25.354 ng
RT: 15.49 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion:138 Resp: 450340
Ion Ratio Lower Upper
138 100
92 50.0 29.0 69.0
108 81.1 63.9 103.9



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





#63

Azobenzene

Concen: 27.623 ng

RT: 15.73 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

Tgt Ion: 77 Resp: 1733699

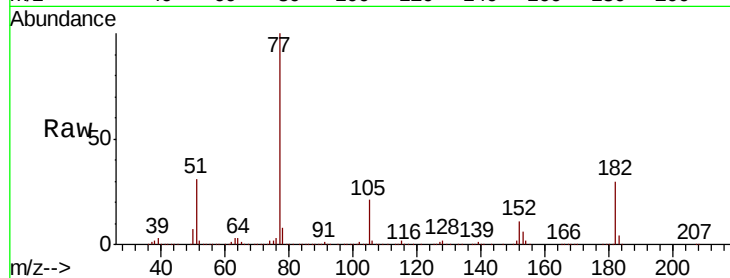
Ion Ratio Lower Upper

77 100

182 29.5 7.4 47.4

105 21.3 0.0 39.6

51 31.0 12.0 52.0

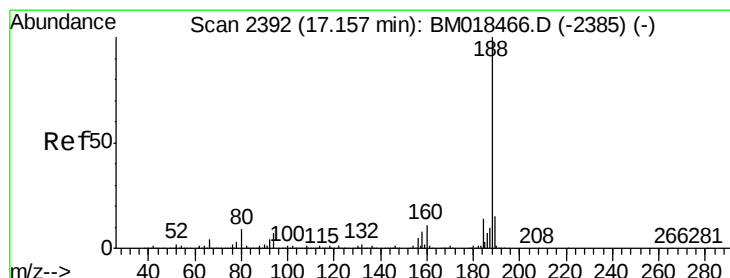
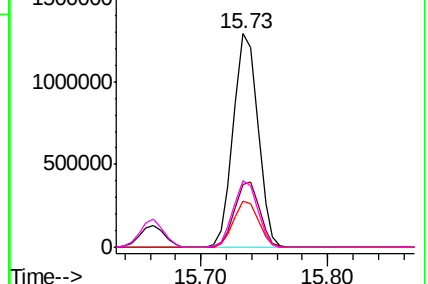
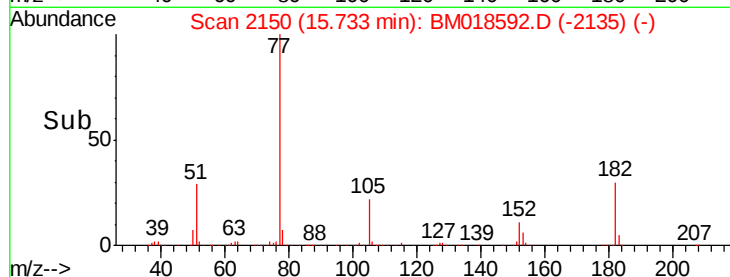


Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-2146) (-)

Ion 182.00 (181.70 to 182.70): BM018466.D (-2146) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-2146) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-2146) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.14 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

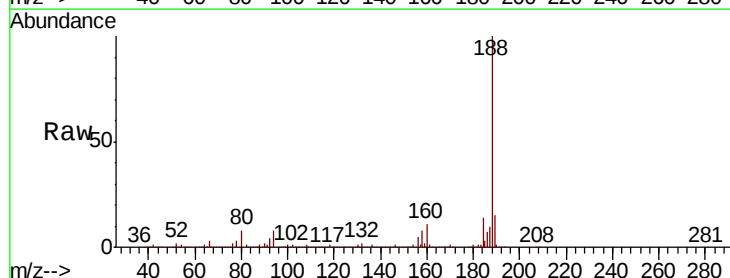
Tgt Ion: 188 Resp: 2063948

Ion Ratio Lower Upper

188 100

94 7.7 7.1 10.7

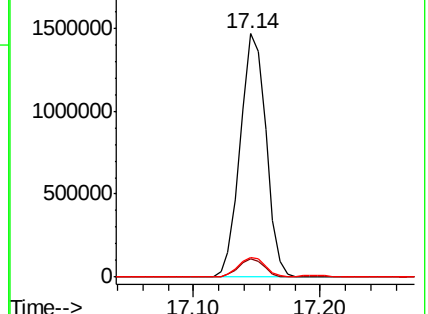
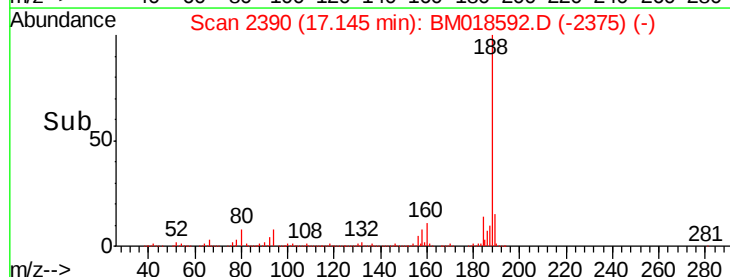
80 8.2 7.6 11.4

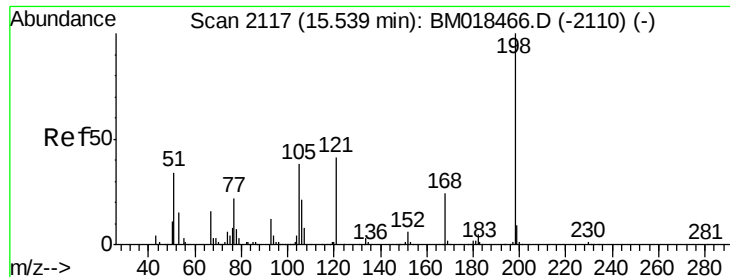


Abundance Ion 188.00 (187.70 to 188.70): BM018466.D (-2385) (-)

Ion 94.00 (93.70 to 94.70): BM018466.D (-2385) (-)

Ion 80.00 (79.70 to 80.70): BM018466.D (-2385) (-)

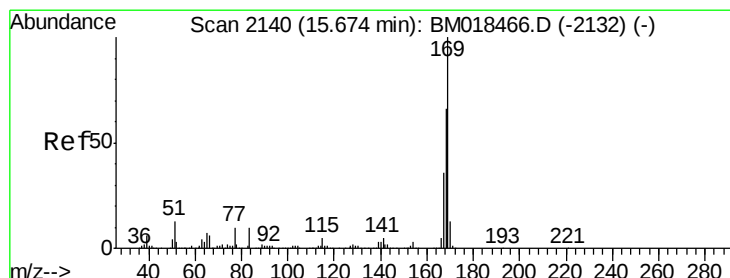
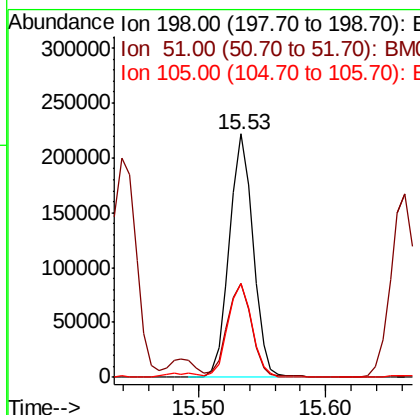
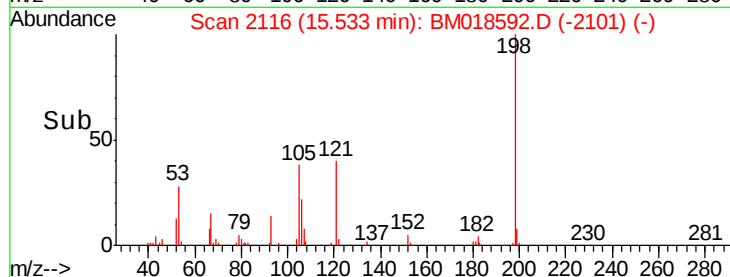
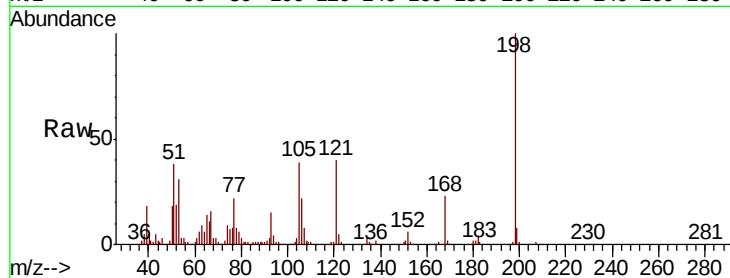




#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.795 ng
 RT: 15.53 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

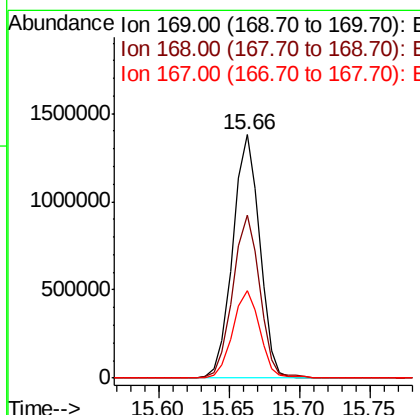
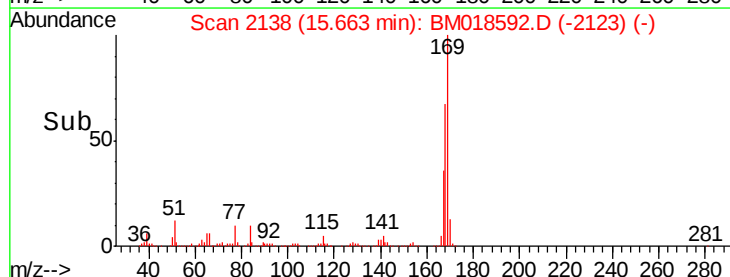
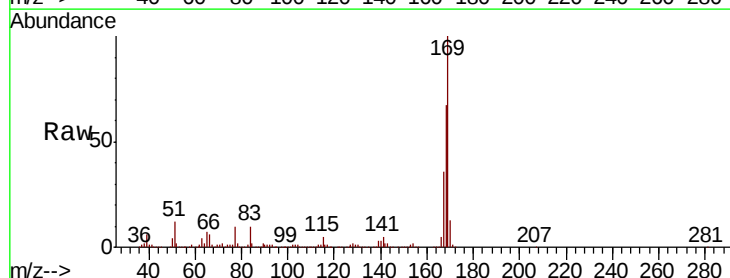
Instrument :
 BNA_M
 ClientSampleId :
 TP-6MS

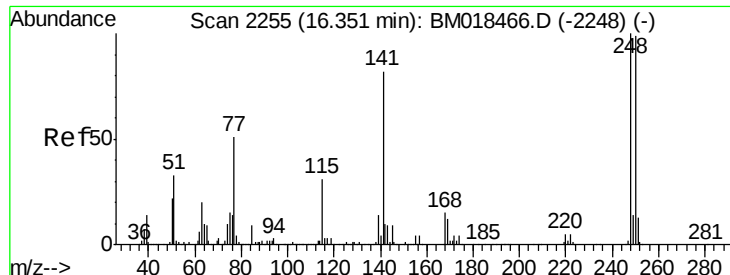
Tgt Ion:198 Resp: 287544
 Ion Ratio Lower Upper
 198 100
 51 38.4 29.6 69.6
 105 38.7 25.5 65.5



#66
 n-Nitrosodiphenylamine
 Concen: 28.647 ng
 RT: 15.66 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Tgt Ion:169 Resp: 1834077
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.1 81.1
 167 35.8 28.6 42.8

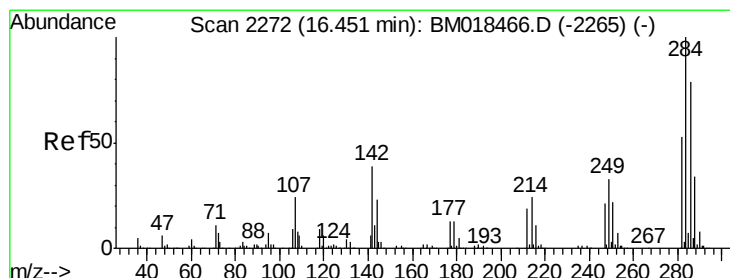
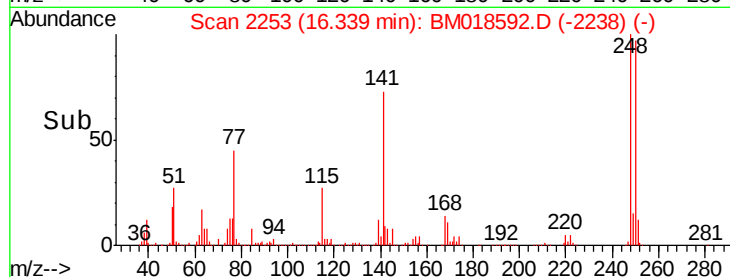
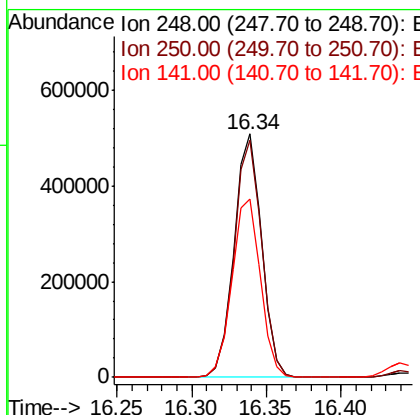
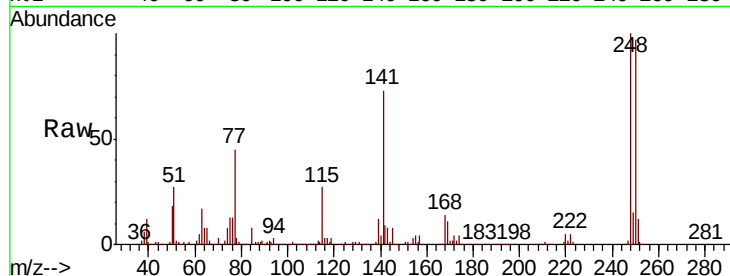




#67
4-Bromophenyl-phenylether
Concen: 28.396 ng
RT: 16.34 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

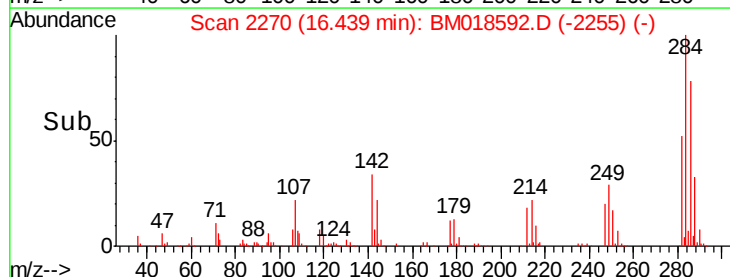
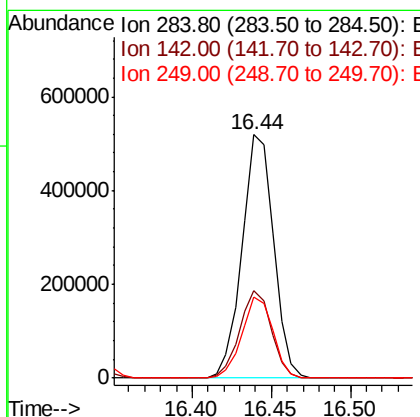
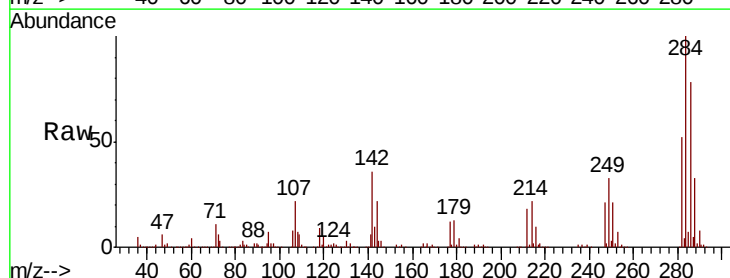
Instrument :
BNA_M
ClientSampleId :
TP-6MS

Tgt Ion:248 Resp: 655849
Ion Ratio Lower Upper
248 100
250 97.4 76.0 114.0
141 73.4 61.5 92.3



#68
Hexachlorobenzene
Concen: 27.770 ng
RT: 16.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion:284 Resp: 718031
Ion Ratio Lower Upper
284 100
142 36.0 29.2 43.8
249 33.1 26.1 39.1





#69

Atrazine

Concen: 28.728 ng

RT: 16.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

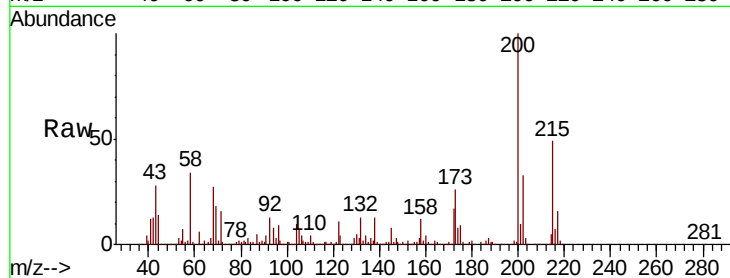
Tgt Ion:200 Resp: 664915

Ion Ratio Lower Upper

200 100

173 26.5 7.2 47.2

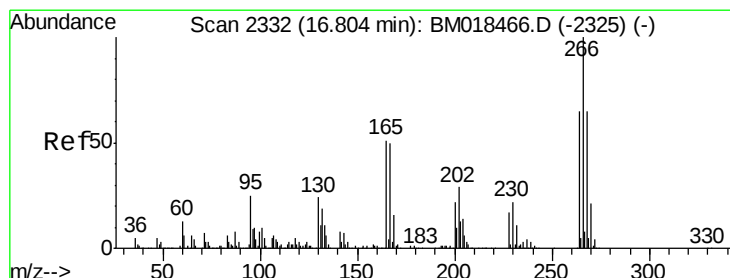
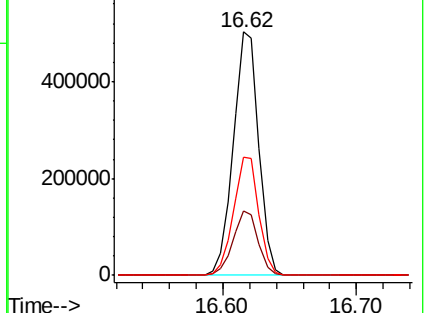
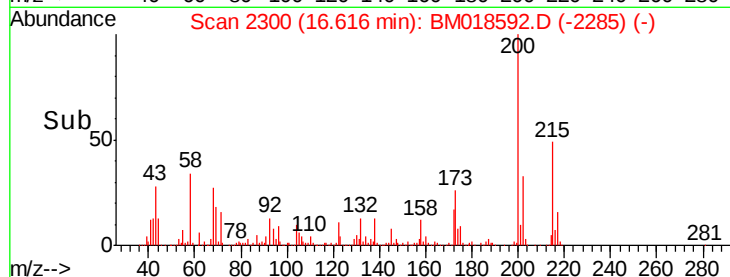
215 48.8 28.3 68.3



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: 49.208 ng

RT: 16.79 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

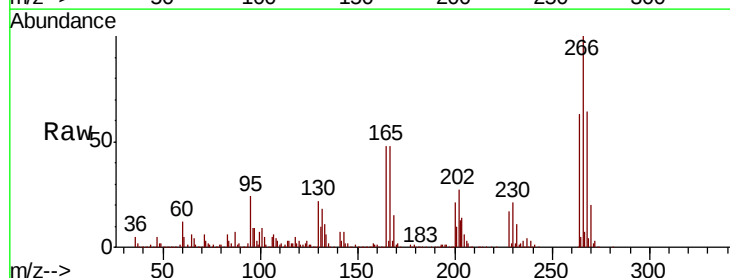
Tgt Ion:266 Resp: 833286

Ion Ratio Lower Upper

266 100

268 64.2 49.8 74.6

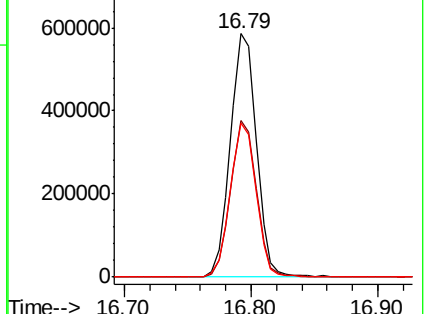
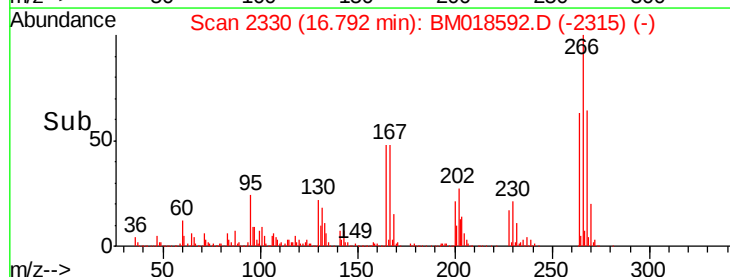
264 63.1 50.1 75.1

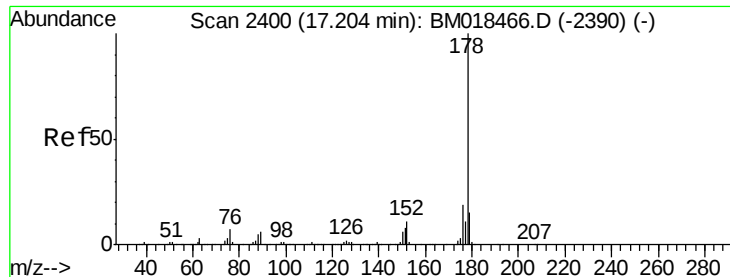


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

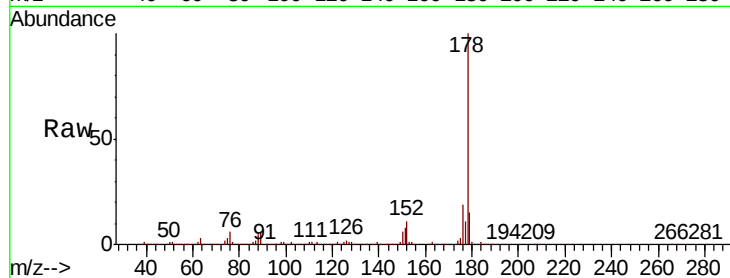




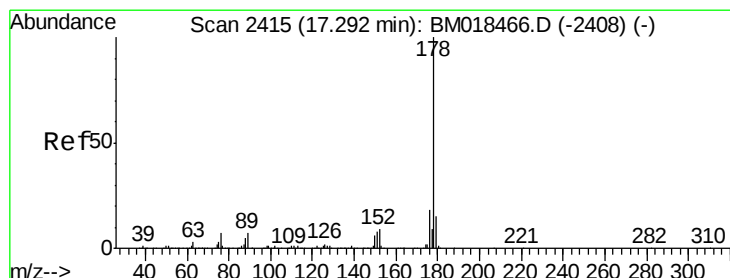
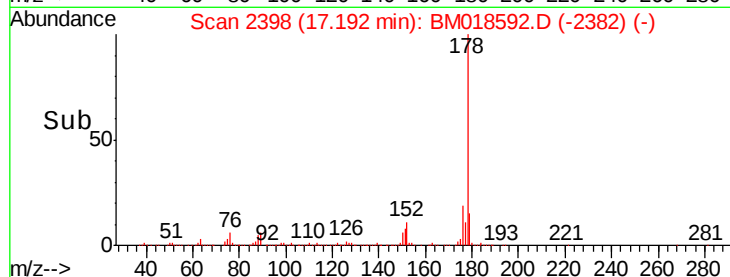
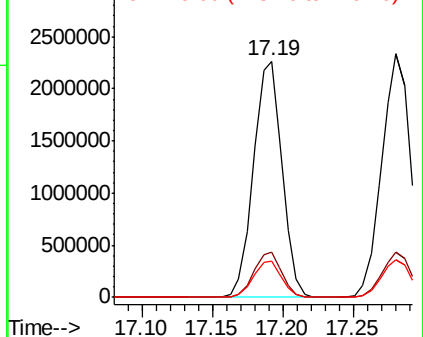
#71
Phenanthrene
Concen: 29.364 ng
RT: 17.19 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Instrument :
BNA_M
ClientSampleId :
TP-6MS

Tgt Ion:178 Resp: 3223638
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.2 12.2 18.4

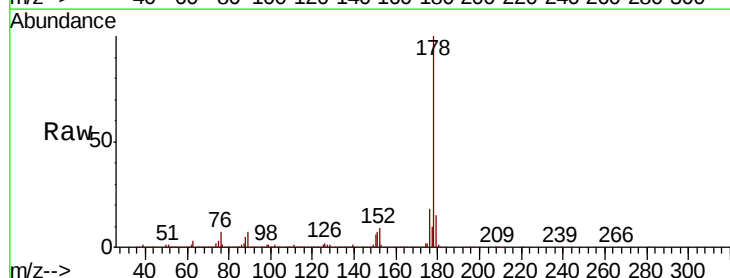


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

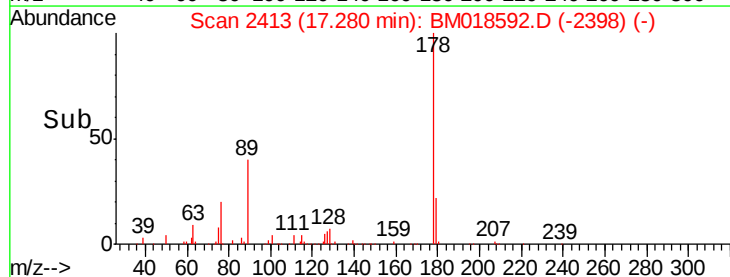
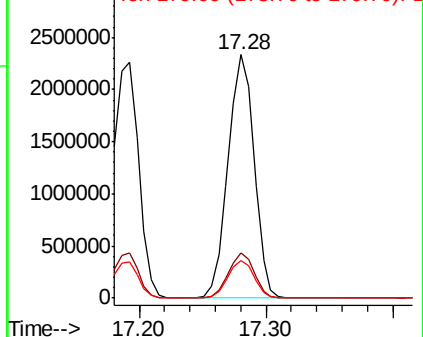


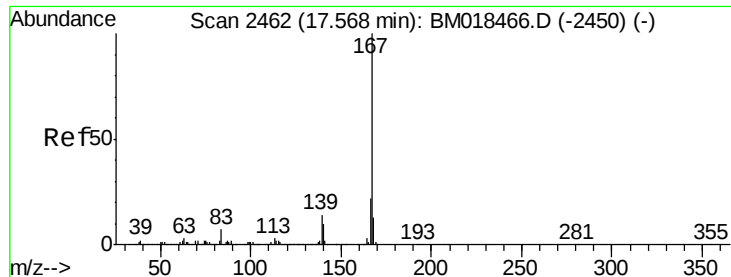
#72
Anthracene
Concen: 31.400 ng
RT: 17.28 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion:178 Resp: 3314764
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.4 12.2 18.4



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

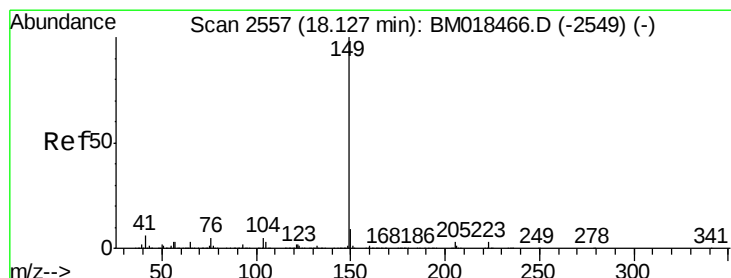
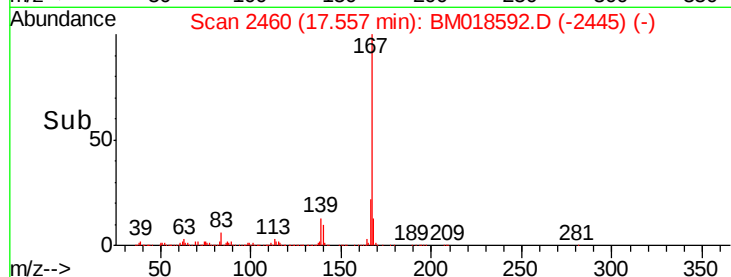
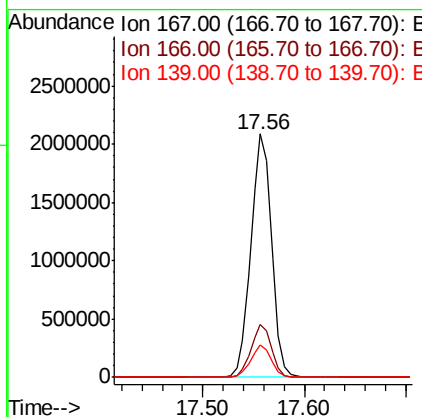
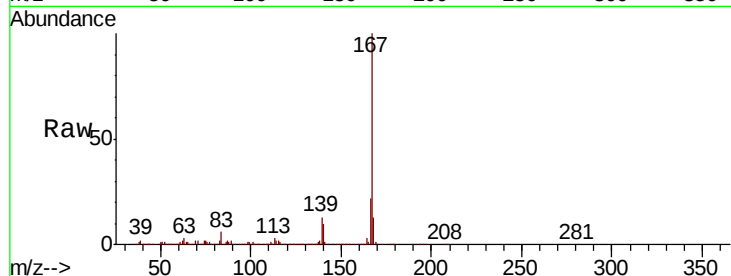




#73
 Carbazole
 Concen: 27.230 ng
 RT: 17.56 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

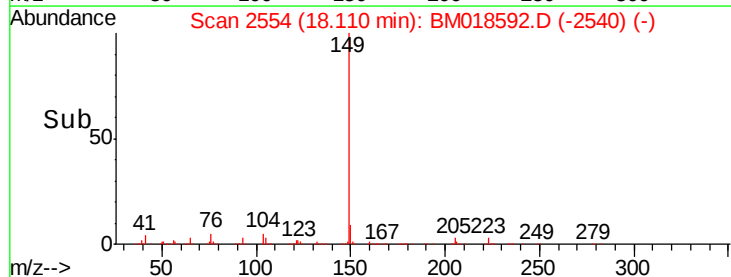
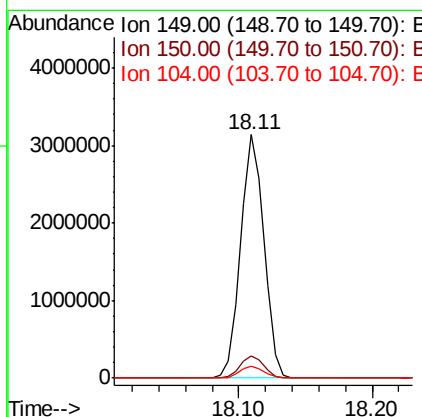
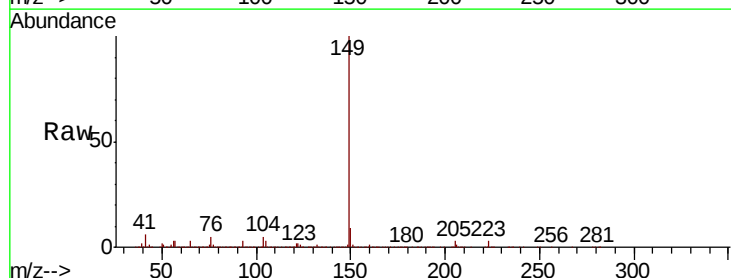
Instrument :
 BNA_M
 ClientSampleId :
 TP-6MS

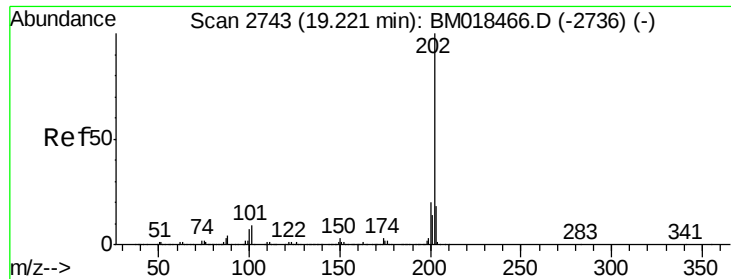
Tgt Ion:167 Resp: 2953332
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 31.918 ng
 RT: 18.11 min Scan# 2554
 Delta R.T. -0.02 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Tgt Ion:149 Resp: 3791900
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.1 4.2 6.4





#75

Fluoranthene

Concen: 28.675 ng

RT: 19.21 min Scan# 2741

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

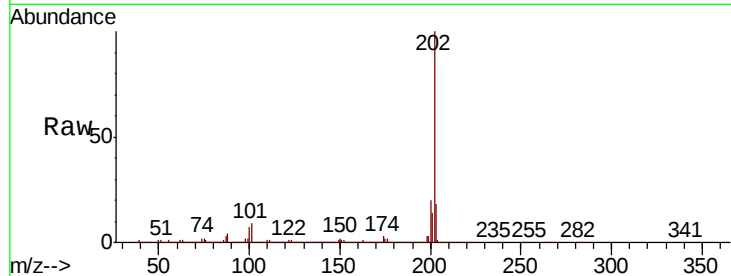
Tgt Ion:202 Resp: 3629345

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.9

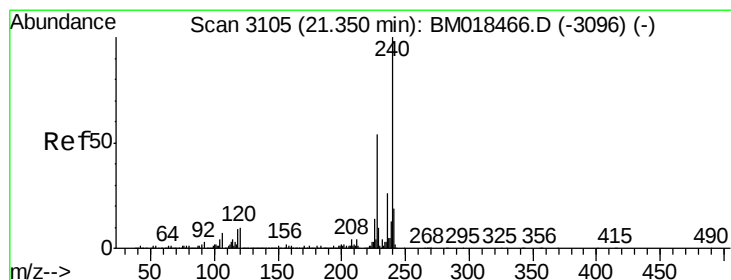
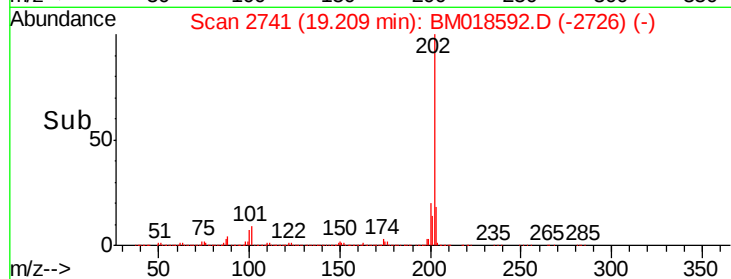
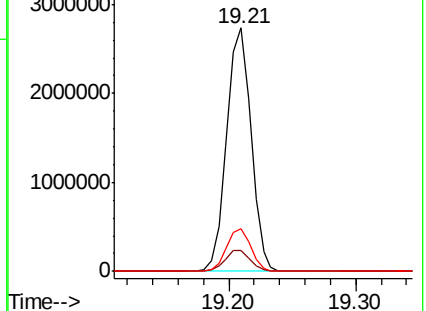
203 17.6 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.34 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

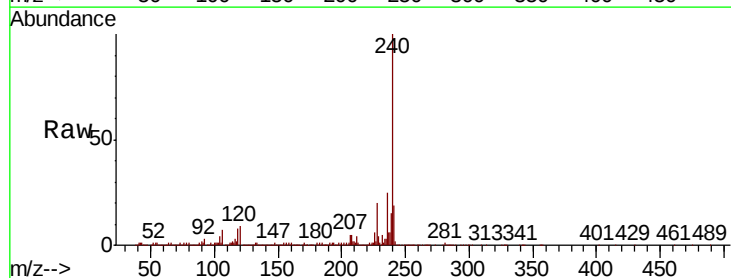
Tgt Ion:240 Resp: 1660943

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

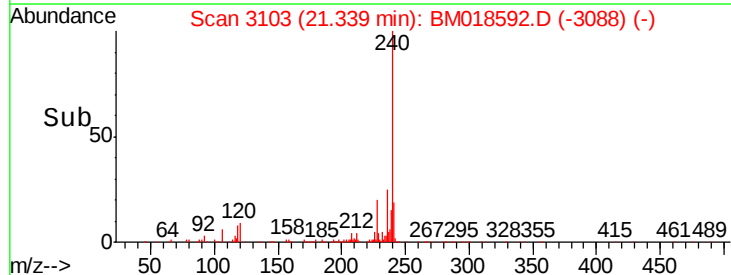
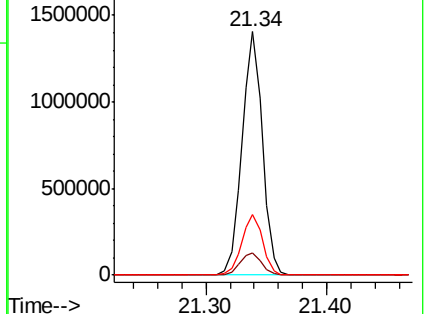
236 25.1 20.7 31.1

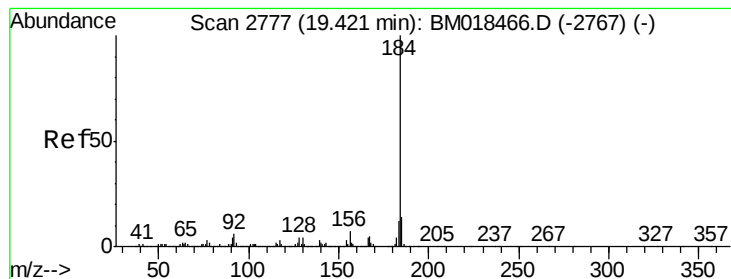


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.123 ng

RT: 19.40 min Scan# 2774

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

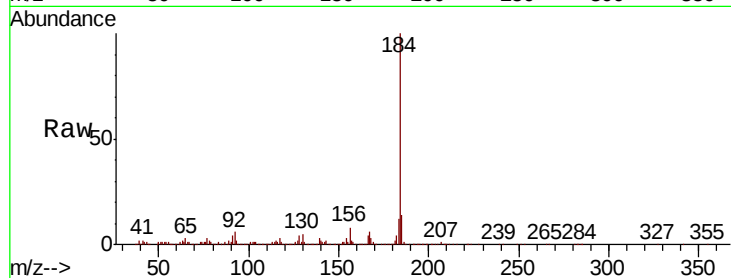
Tgt Ion:184 Resp: 1071318

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 11.7 9.5 14.3

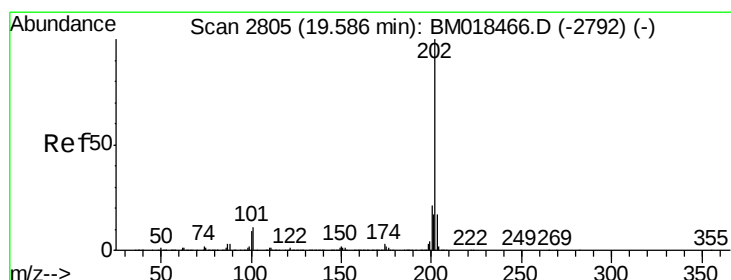
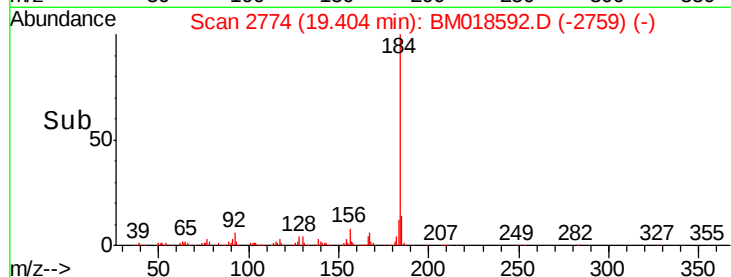
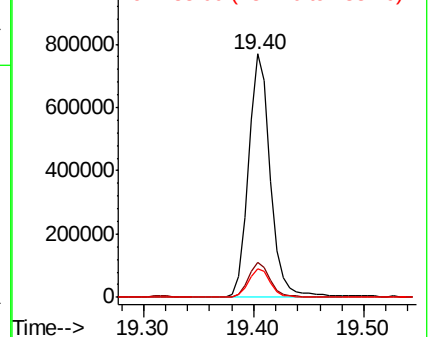


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.951 ng

RT: 19.57 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

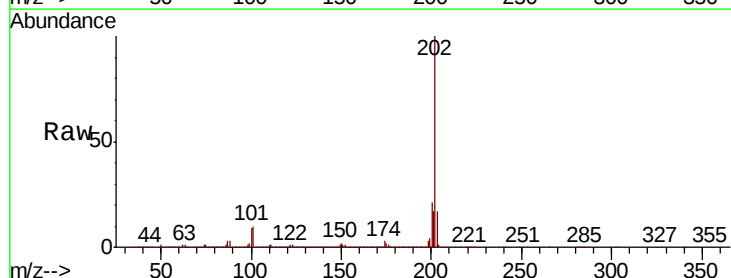
Tgt Ion:202 Resp: 3637894

Ion Ratio Lower Upper

202 100

200 20.5 16.6 24.8

203 17.3 13.8 20.8

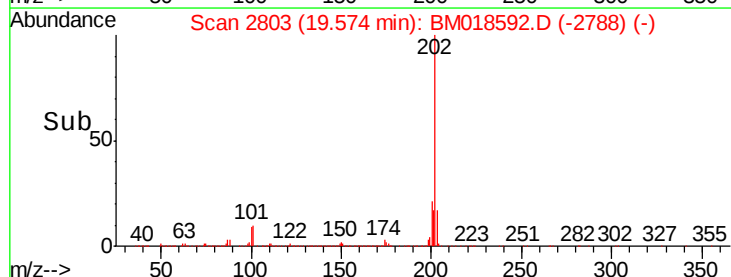
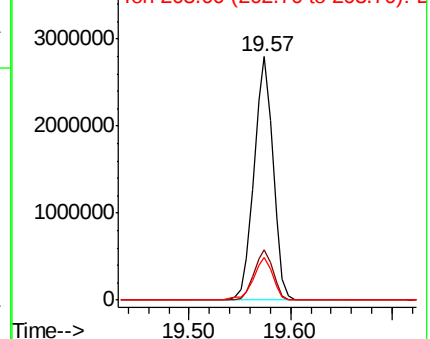


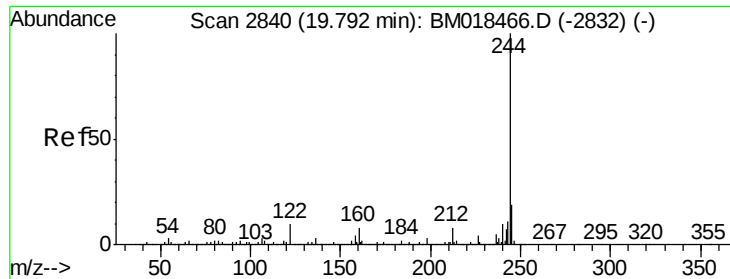
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.803 ng

RT: 19.78 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

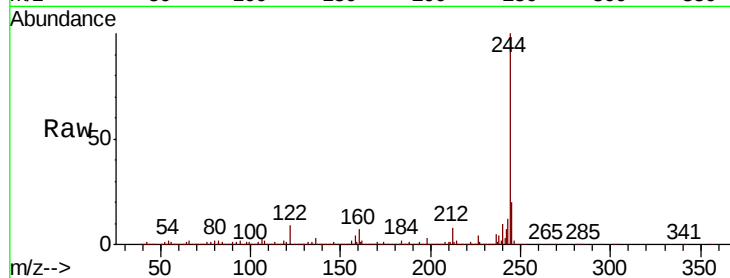
Tgt Ion:244 Resp: 5578636

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

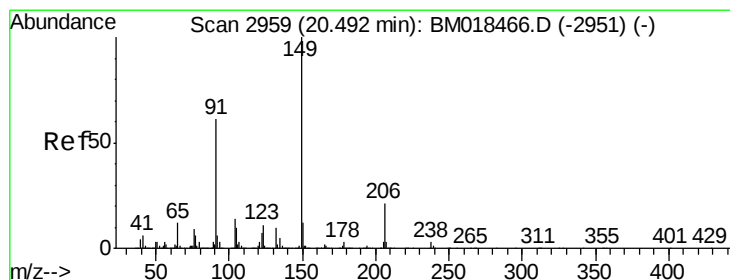
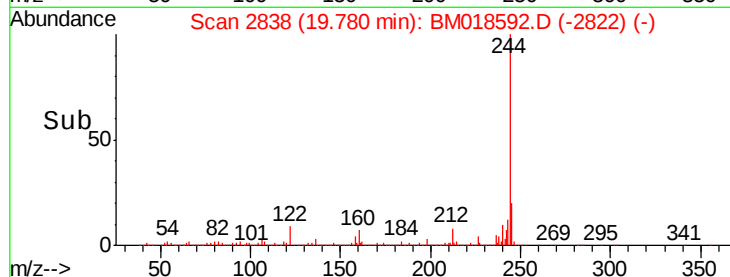
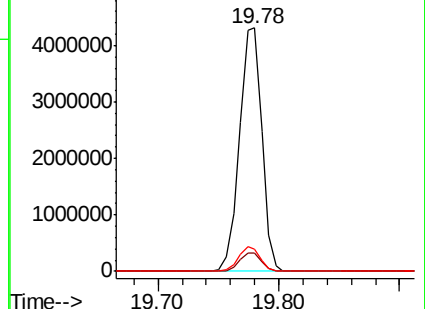
122 9.0 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.655 ng

RT: 20.47 min Scan# 2956

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

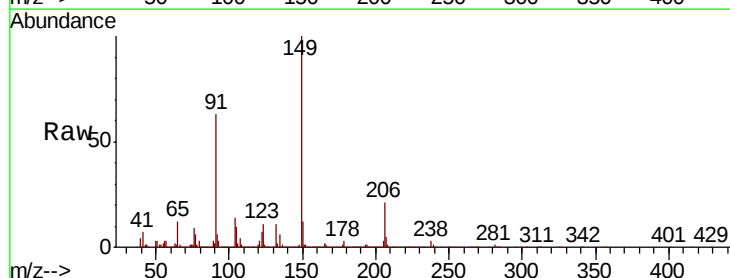
Tgt Ion:149 Resp: 1665944

Ion Ratio Lower Upper

149 100

91 62.7 53.1 79.7

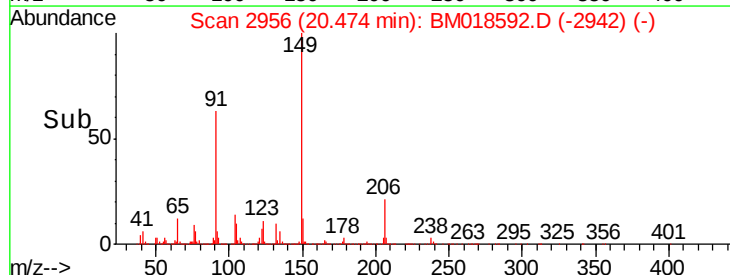
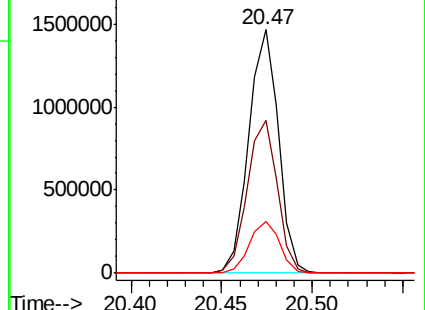
206 21.3 16.2 24.4

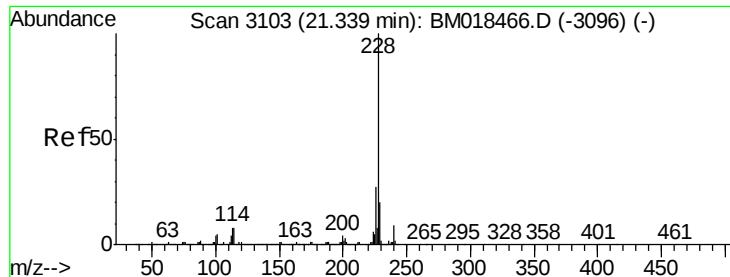


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 30.104 ng

RT: 21.32 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

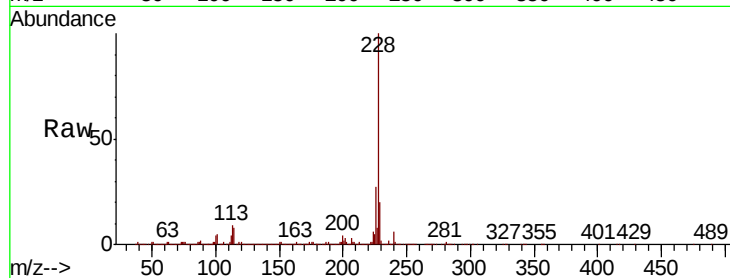
Tgt Ion:228 Resp: 2945664

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.6

229 19.8 15.8 23.8

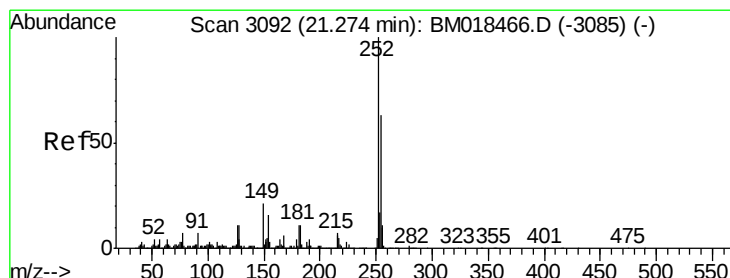
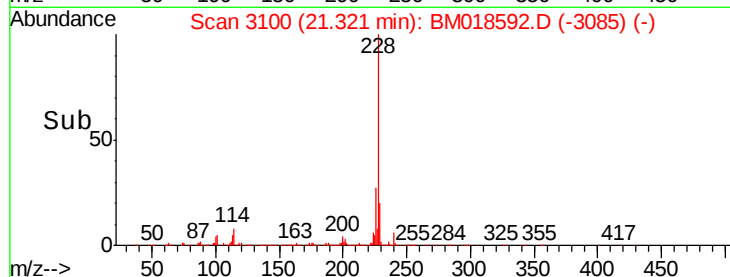
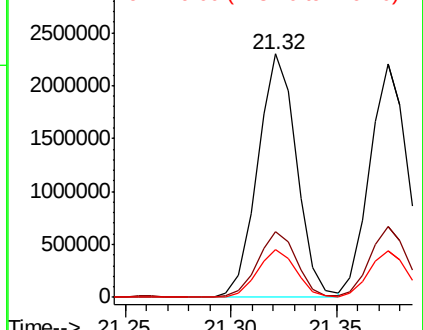


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.546 ng

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

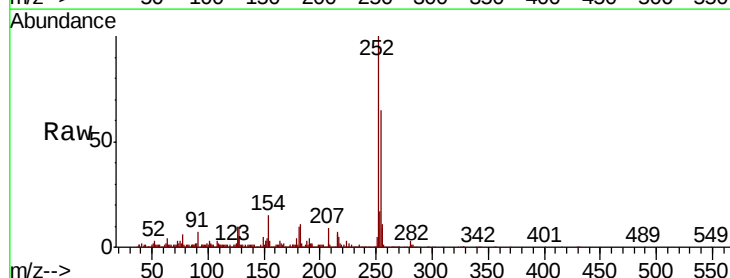
Tgt Ion:252 Resp: 871227

Ion Ratio Lower Upper

252 100

254 64.8 51.4 77.0

126 10.3 8.7 13.1

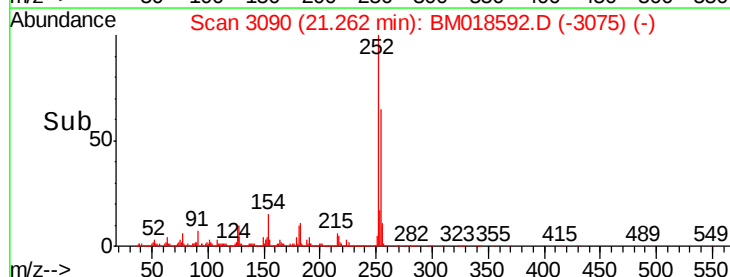
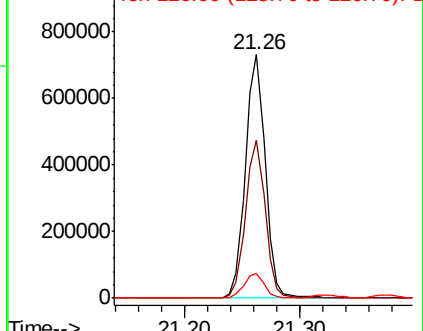


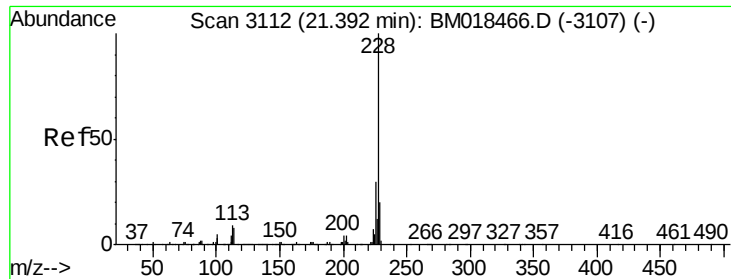
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

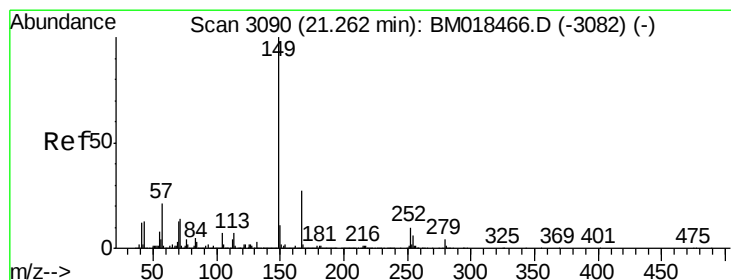
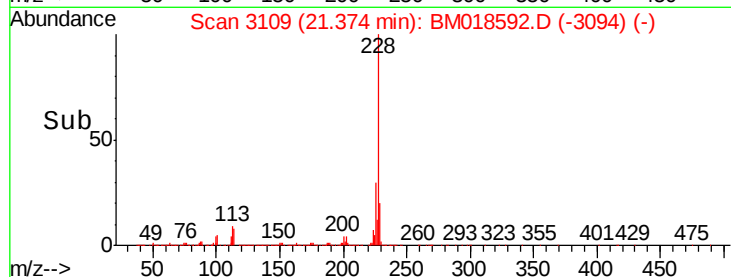
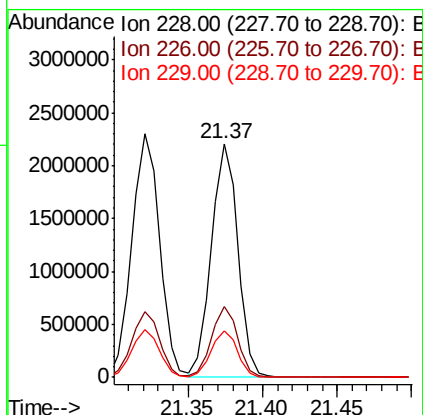
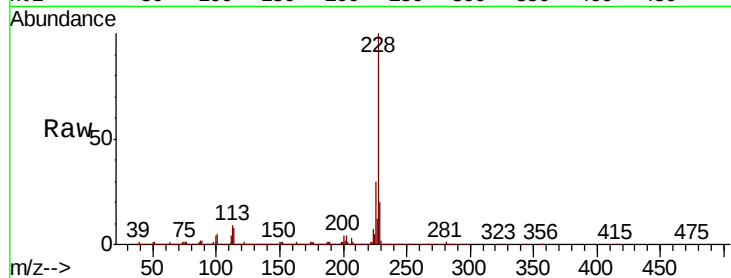




#83
 Chrysene
 Concen: 28.855 ng
 RT: 21.37 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

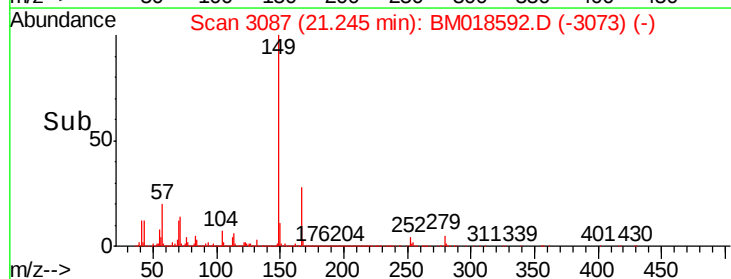
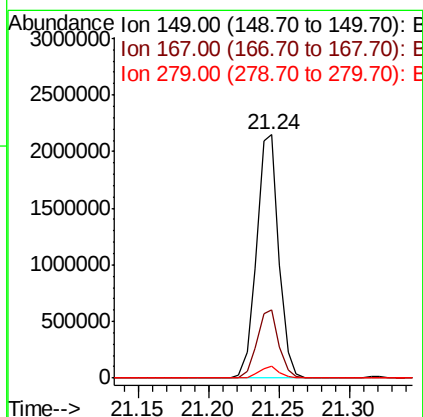
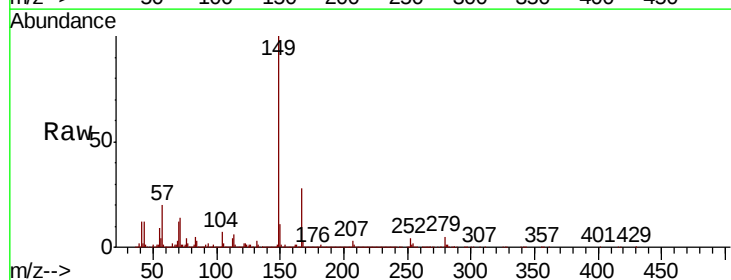
Instrument :
 BNA_M
 ClientSampleId :
 TP-6MS

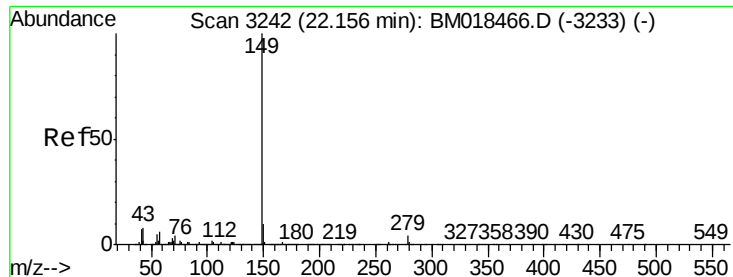
Tgt Ion: 228 Resp: 2726494
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.2 36.2
 229 19.7 15.6 23.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.131 ng
 RT: 21.24 min Scan# 3087
 Delta R.T. -0.02 min
 Lab File: BM018592.D
 Acq: 16 Jan 2019 20:26

Tgt Ion: 149 Resp: 2373815
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.6 32.4
 279 4.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 36.063 ng

RT: 22.13 min Scan# 3238

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

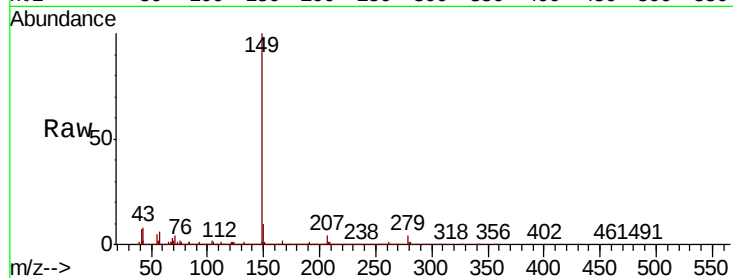
Tgt Ion:149 Resp: 3679527

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

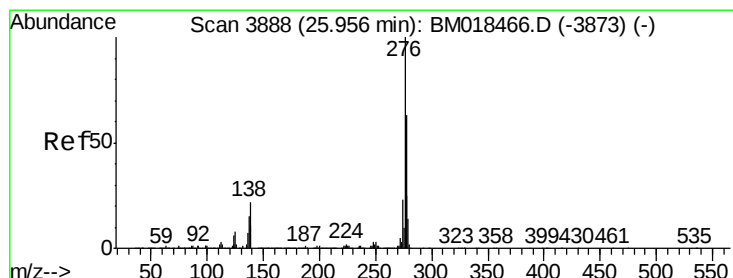
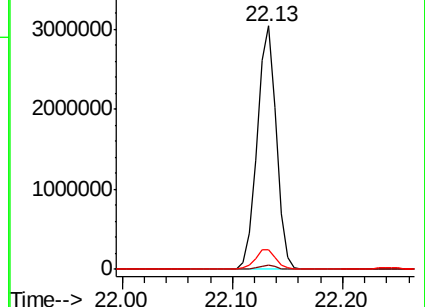
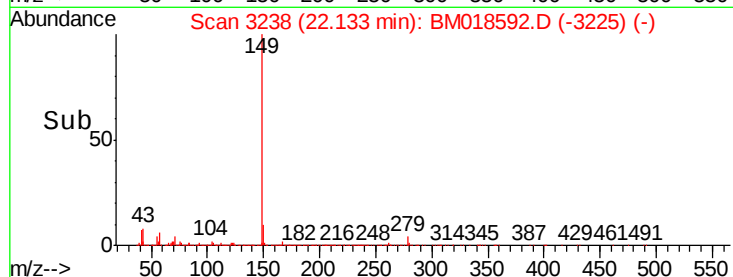
43 8.2 8.6 12.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 23.318 ng

RT: 25.93 min Scan# 3883

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

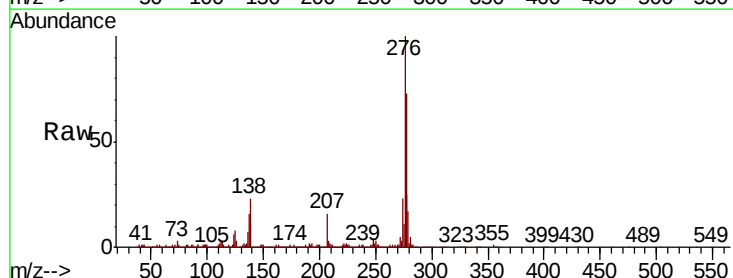
Tgt Ion:276 Resp: 2540627

Ion Ratio Lower Upper

276 100

138 23.3 21.5 32.3

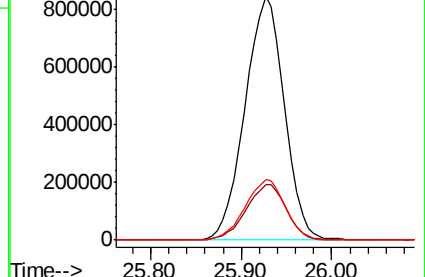
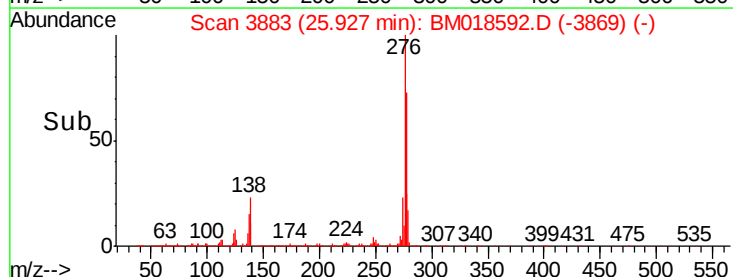
277 25.1 20.2 30.2

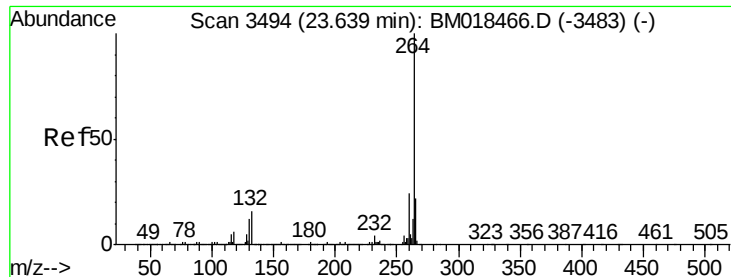


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.62 min Scan# 3490

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

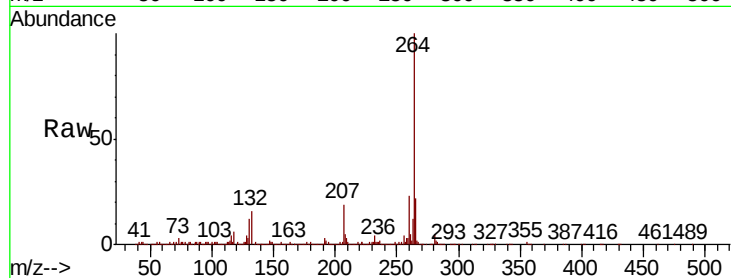
Tgt Ion:264 Resp: 1367356

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 21.7 16.8 25.2

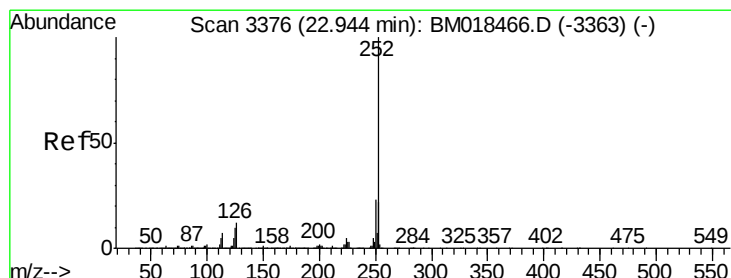
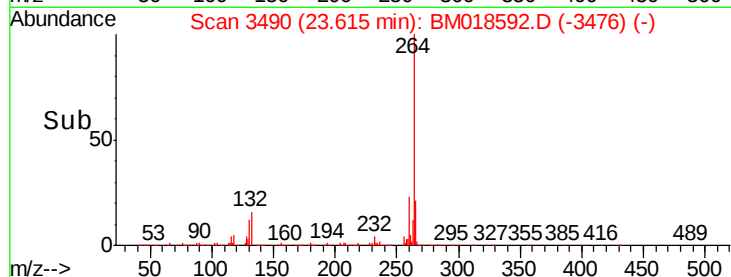
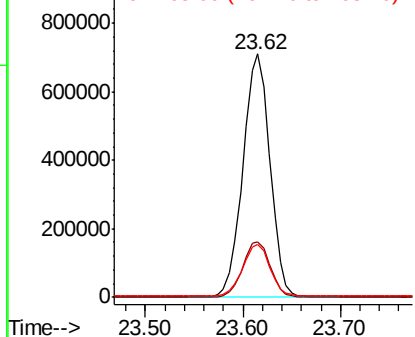


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 31.363 ng

RT: 22.93 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

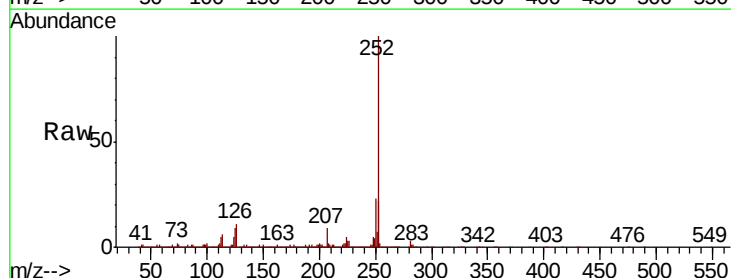
Tgt Ion:252 Resp: 2434656

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.1 8.5 12.7

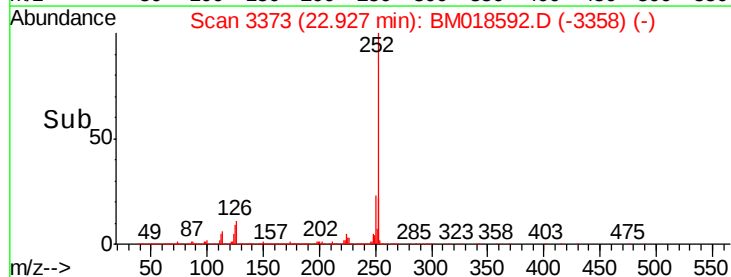
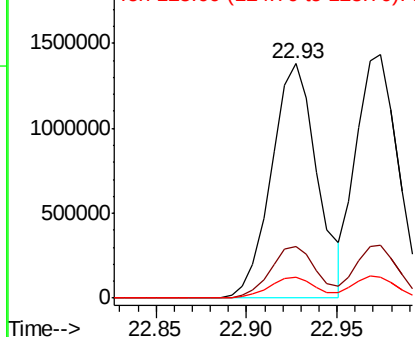


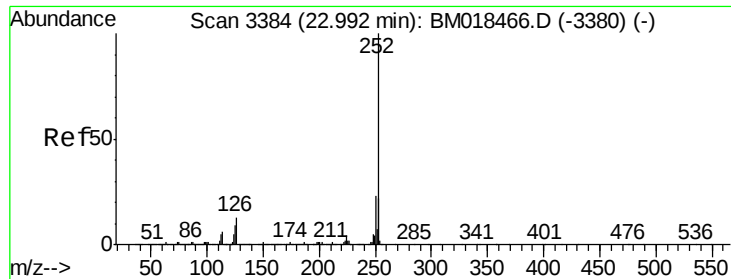
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

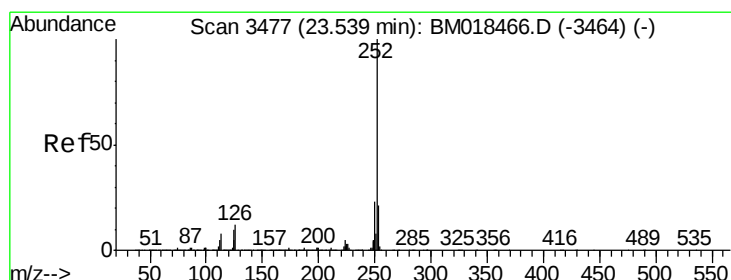
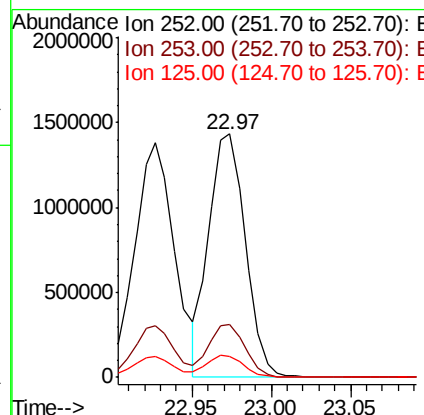
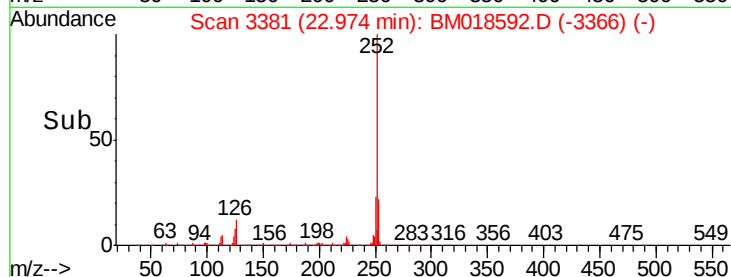
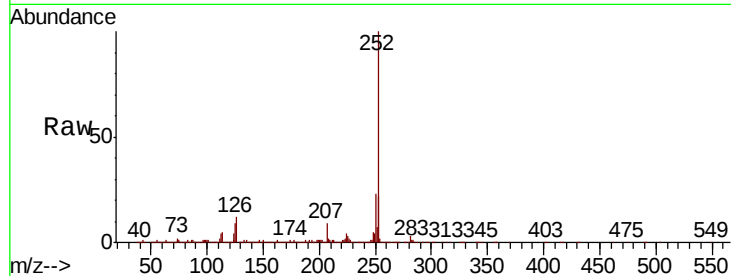




#89
Benzo(k)fluoranthene
Concen: 29.277 ng
RT: 22.97 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

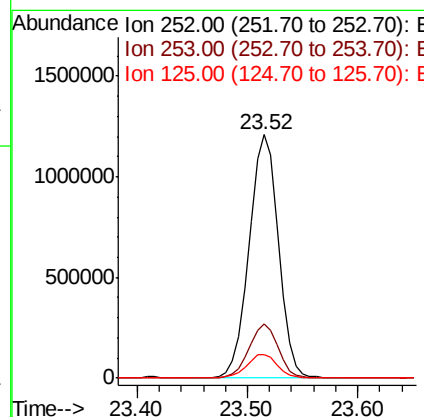
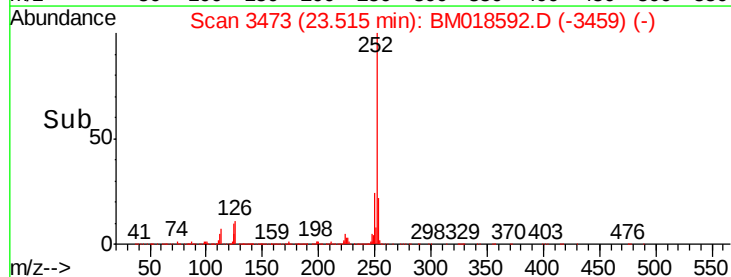
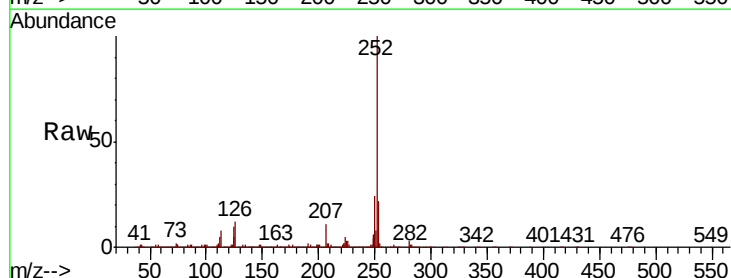
Instrument :
BNA_M
ClientSampleId :
TP-6MS

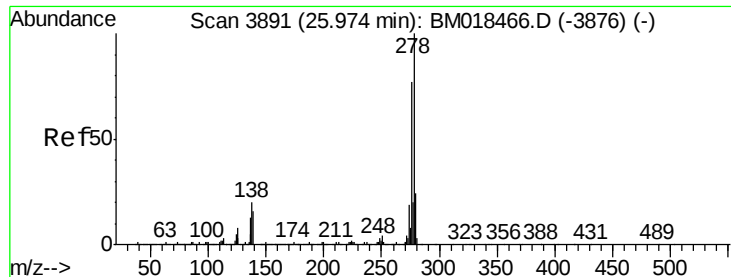
Tgt Ion:252 Resp: 2290404
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 8.7 8.6 12.8



#90
Benzo(a)pyrene
Concen: 30.313 ng
RT: 23.52 min Scan# 3473
Delta R.T. -0.02 min
Lab File: BM018592.D
Acq: 16 Jan 2019 20:26

Tgt Ion:252 Resp: 2252818
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.8 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 28.444 ng

RT: 25.94 min Scan# 3885

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

Instrument :

BNA_M

ClientSampleId :

TP-6MS

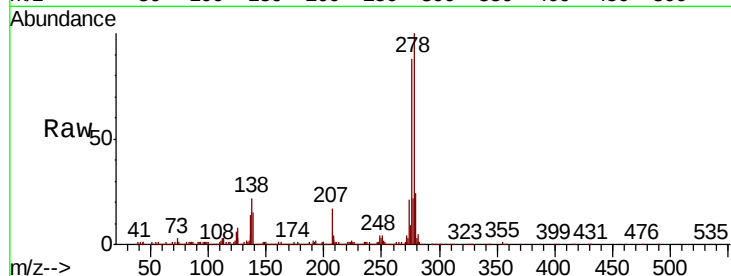
Tgt Ion:278 Resp: 2141867

Ion Ratio Lower Upper

278 100

139 15.0 13.2 19.8

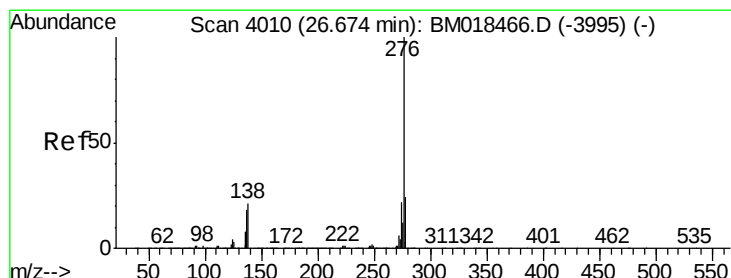
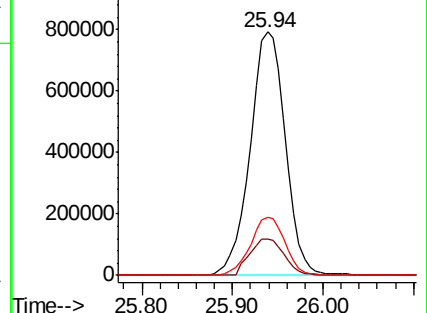
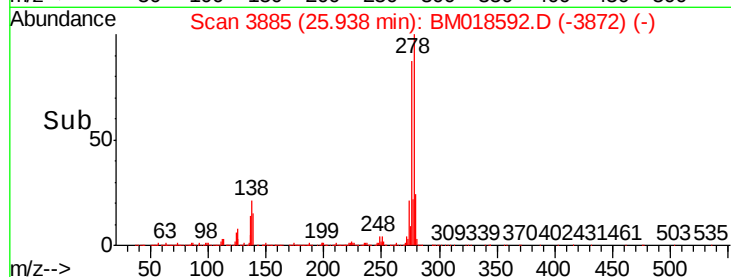
279 24.0 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 28.861 ng

RT: 26.64 min Scan# 4004

Delta R.T. -0.02 min

Lab File: BM018592.D

Acq: 16 Jan 2019 20:26

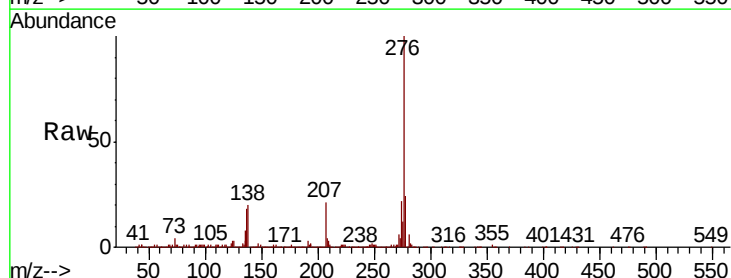
Tgt Ion:276 Resp: 2114914

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 20.1 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

