

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010184.D
 Acq On : 24 May 2017 17:14
 Operator : SJ/MA
 Sample : I3290-05MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4MS

Quant Time: May 25 05:27:06 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	142700	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	483022	20.00	ng	-0.03
38) Acenaphthene-d10	14.59	164	291681	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	672259	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1026930	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1157793	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1116584	141.30	ng	-0.02
7) Phenol-d6	7.14	99	1245487	122.49	ng	-0.03
23) Nitrobenzene-d5	9.14	82	984460	109.96	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	682077	153.97	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2440210	107.55	ng	-0.03
78) Terphenyl-d14	19.93	244	3818995	84.56	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	150490	41.45	ng	# 100
3) Pyridine	3.85	79	309089	31.80	ng	91
4) n-Nitrosodimethylamine	3.76	42	197028	56.05	ng	# 75
6) Aniline	7.31	93	193787	15.38	ng	94
8) 2-Chlorophenol	7.53	128	374642	43.58	ng	95
9) Benzaldehyde	7.11	77	67788	10.71	ng	82
10) Phenol	7.17	94	414938	38.72	ng	92
11) bis(2-Chloroethyl)ether	7.39	93	340612	42.64	ng	96
12) 1,3-Dichlorobenzene	7.83	146	441301	40.39	ng	# 88
13) 1,4-Dichlorobenzene	7.99	146	457798	40.79	ng	96
14) 1,2-Dichlorobenzene	8.30	146	437635	40.62	ng	96
15) Benzyl Alcohol	8.22	79	363915	47.30	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.47	45	278736	35.49	ng	74
17) 2-Methylphenol	8.41	107	302345	39.65	ng	# 86
18) Hexachloroethane	9.02	117	156129	42.91	ng	# 73
19) n-Nitroso-di-n-propylamine	8.76	70	312312	43.52	ng	96
20) 3+4-Methylphenols	8.75	107	398590	38.71	ng	88
22) Acetophenone	8.79	105	579002	46.76	ng	# 98
24) Nitrobenzene	9.18	77	490932	53.23	ng	93
25) Isophorone	9.69	82	756726	48.91	ng	# 93
26) 2-Nitrophenol	9.89	139	187873	48.32	ng	# 65
27) 2,4-Dimethylphenol	9.93	122	316395	45.07	ng	# 79
28) bis(2-Chloroethoxy)methane	10.17	93	430701	43.87	ng	99
29) 2,4-Dichlorophenol	10.41	162	401447	49.67	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	493075	47.15	ng	98
31) Naphthalene	10.81	128	1124654	43.53	ng	99
32) Benzoic acid	10.07	122	192333	40.21	ng	# 77
33) 4-Chloroaniline	10.96	127	49805	5.00	ng	# 78
34) Hexachlorobutadiene	11.06	225	347014	49.75	ng	99
35) Caprolactam	11.76	113	74991	32.34	ng	# 86
36) 4-Chloro-3-methylphenol	12.06	107	373865	42.71	ng	87
37) 2-Methylnaphthalene	12.41	142	857994	46.12	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	564536	50.33	ng	# 100
40) Hexachlorocyclopentadiene	12.73	237	818987	126.46	ng	98

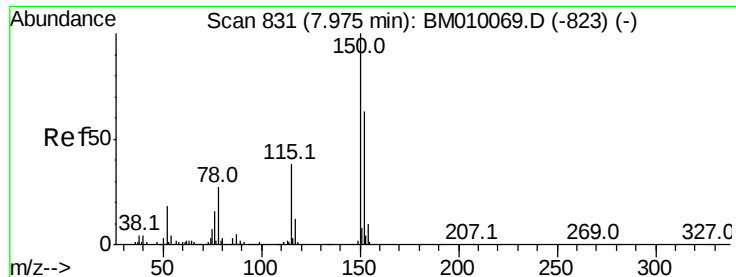
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	350523	53.06	nq	99
43) 2,4,5-Trichlorophenol	13.09	196	364614	49.95	nq	# 91
45) 1,1'-Biphenyl	13.42	154	1163601	48.51	nq	100
46) 2-Chloronaphthalene	13.46	162	918516	47.30	nq	96
47) 2-Nitroaniline	13.70	65	243054	48.67	nq	82
48) Acenaphthylene	14.31	152	1386415	48.28	nq	100
49) Dimethylphthalate	14.05	163	1129836	43.42	nq	# 98
50) 2,6-Dinitrotoluene	14.18	165	235780	47.72	nq	# 81
51) Acenaphthene	14.64	154	844541	47.31	nq	98
52) 3-Nitroaniline	14.53	138	130023	28.32	nq	# 72
53) 2,4-Dinitrophenol	14.72	184	301598	90.94	nq	# 86
54) Dibenzofuran	14.99	168	1419247	50.56	nq	96
55) 4-Nitrophenol	14.84	139	306775	83.02	nq	# 30
56) 2,4-Dinitrotoluene	14.96	165	332024	47.50	nq	# 87
57) Fluorene	15.63	166	1146098	46.95	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.21	232	340559	54.77	nq	# 100
59) Diethylphthalate	15.40	149	1066100	43.34	nq	97
60) 4-Chlorophenyl-phenylether	15.62	204	646951	47.20	nq	97
61) 4-Nitroaniline	15.70	138	174538	37.44	nq	# 25
62) Azobenzene	15.92	77	1074651	59.41	nq	89
64) 4,6-Dinitro-2-methylphenol	15.72	198	198695	48.38	nq	76
65) n-Nitrosodiphenylamine	15.84	169	920201	45.67	nq	100
66) 4-Bromophenyl-phenylether	16.52	248	423093	49.16	nq	93
67) Hexachlorobenzene	16.61	284	470476	45.00	nq	96
68) Atrazine	16.79	200	254469	33.31	nq	98
69) Pentachlorophenol	16.97	266	571725	99.55	nq	98
70) Phenanthrene	17.37	178	1788959	47.56	nq	100
71) Anthracene	17.46	178	1840027	49.30	nq	99
72) Carbazole	17.74	167	1414661	42.81	nq	99
73) Di-n-butylphthalate	18.27	149	1689441	43.12	nq	# 97
74) Fluoranthene	19.37	202	2241195	45.89	nq	97
76) Benzidine	19.58	184	442008	23.34	nq	99
77) Pyrene	19.74	202	2323299	42.20	nq	99
79) Butylbenzylphthalate	20.62	149	818319	40.15	nq	# 90
80) Benzo(a)anthracene	21.47	228	2682043	47.39	nq	99
81) 3,3'-Dichlorobenzidine	21.42	252	377911	16.60	nq	# 96
82) Chrysene	21.53	228	2443366	45.52	nq	99
83) Bis(2-ethylhexyl)phthalate	21.36	149	1208105	39.64	nq	# 98
84) Di-n-octyl phthalate	22.26	149	2248873	41.21	nq	# 98
85) Indeno(1,2,3-cd)pyrene	26.27	276	4598416	58.42	nq	# 100
87) Benzo(b)fluoranthene	23.13	252	3323102	49.04	nq	# 94
88) Benzo(k)fluoranthene	23.17	252	3234458	48.72	nq	# 95
89) Benzo(a)pyrene	23.74	252	3268958	50.63	nq	# 97
90) Dibenzo(a,h)anthracene	26.28	278	3905669	54.09	nq	# 92
91) Benzo(g,h,i)perylene	27.03	276	3743214	52.91	nq	# 86

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

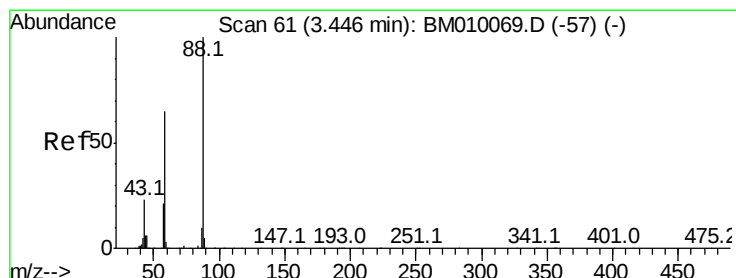
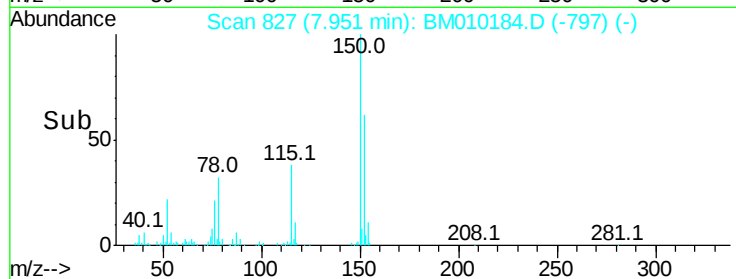
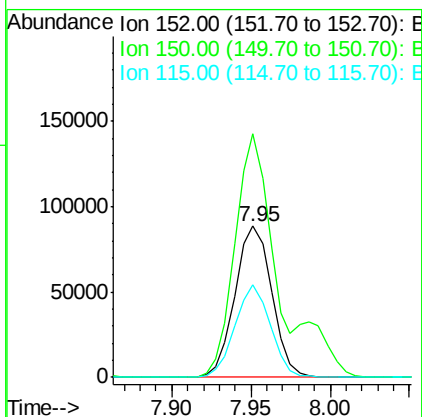
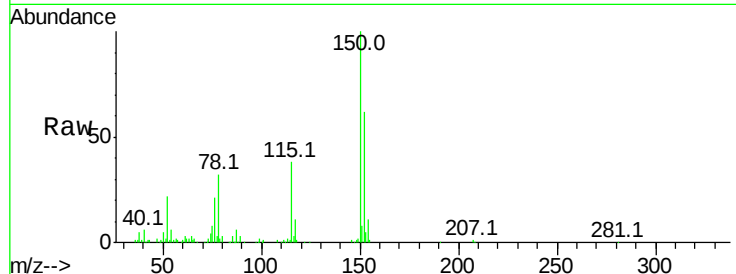


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MS

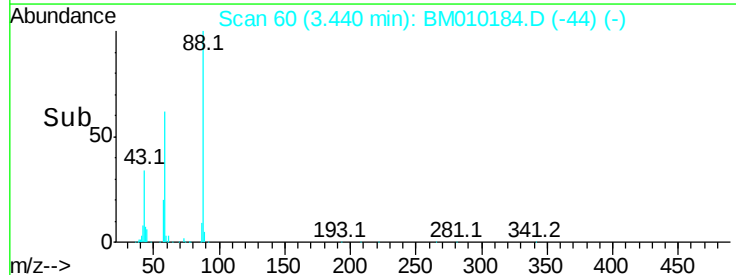
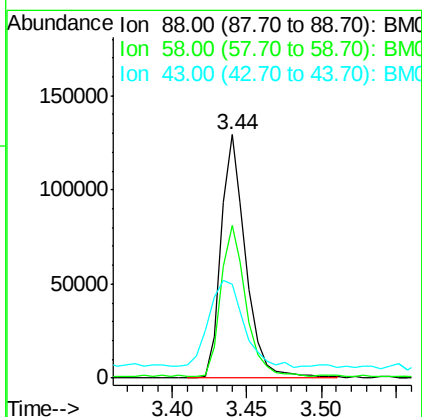
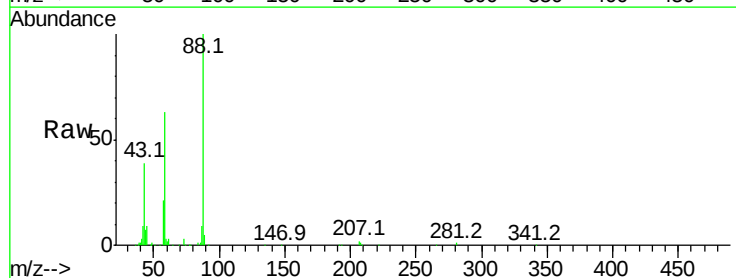
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	119.5	179.3
115	61.2	43.0	64.4

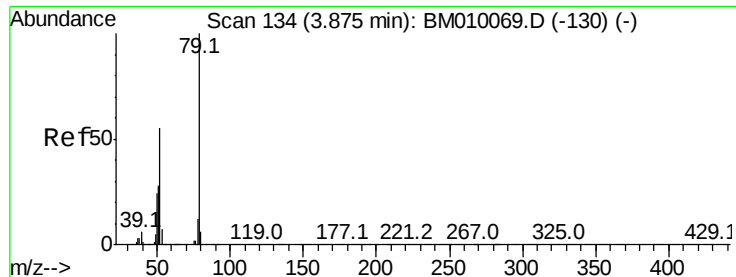


#2

1,4-Dioxane
Concen: 41.45 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.01 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.4	0.0	0.0#
43	49.5	0.0	0.0#





#3

Pvridine

Concen: 31.80 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

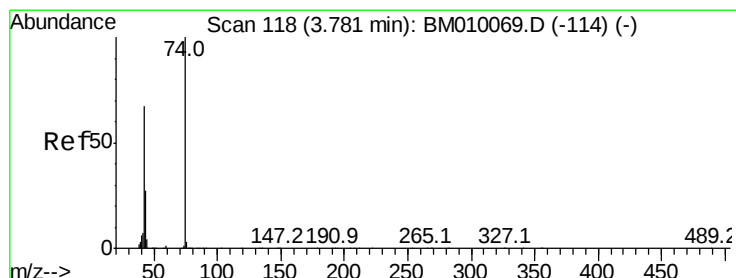
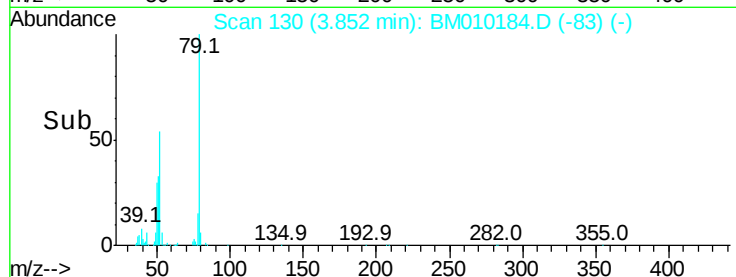
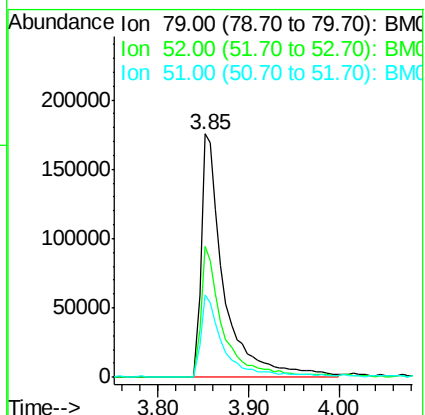
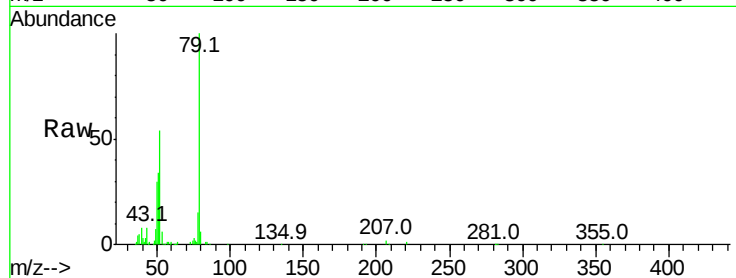
Tot Ion: 79 Resp: 309089

Ion Ratio Lower Upper

79 100

52 53.6 51.1 76.7

51 33.7 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 56.05 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

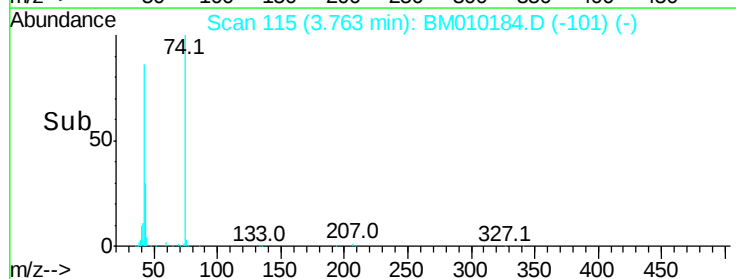
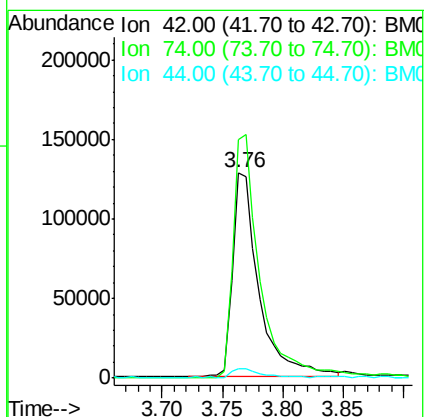
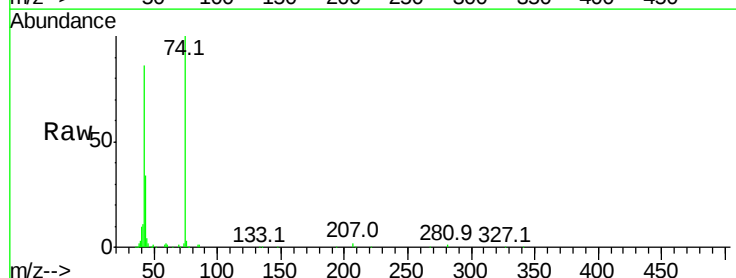
Tgt Ion: 42 Resp: 197028

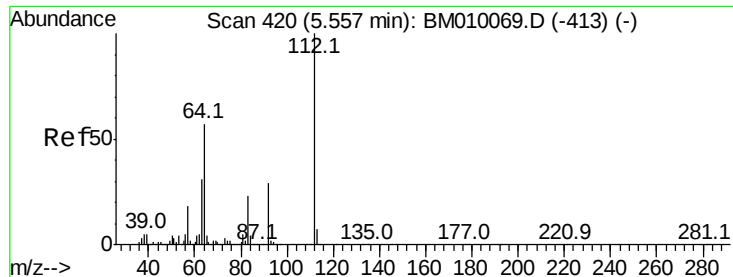
Ion Ratio Lower Upper

42 100

74 116.1 119.3 178.9#

44 4.9 5.4 8.2#





#5

2-Fluorophenol

Concen: 141.30 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

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ClientSampleId :

TP-3-TP-4MS

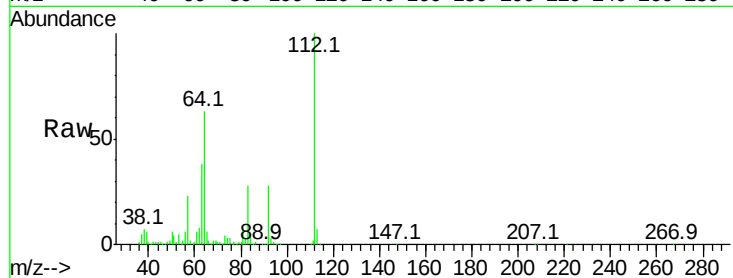
Tot Ion:112 Resp: 1116584

Ion Ratio Lower Upper

112 100

64 62.9 38.6 57.8#

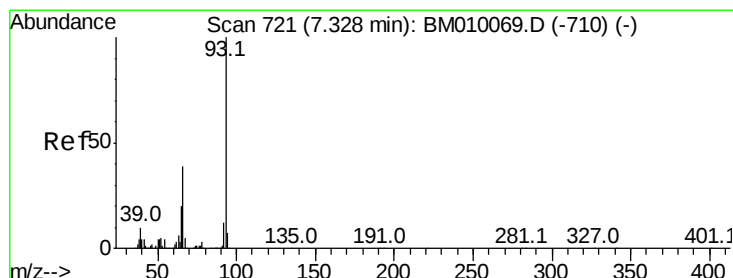
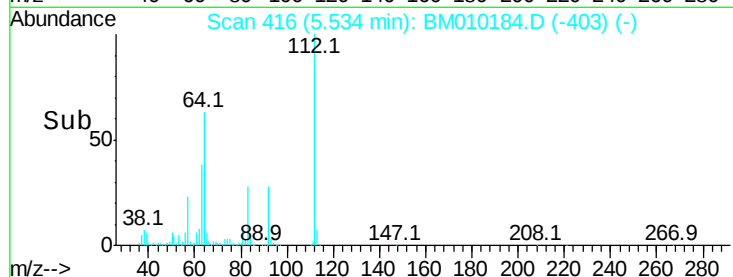
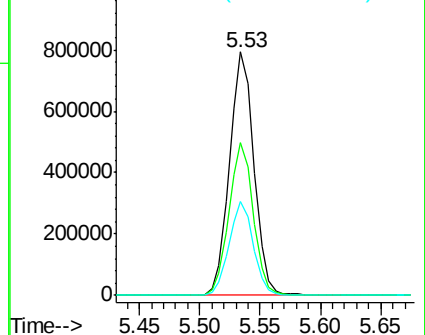
63 38.4 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 15.38 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

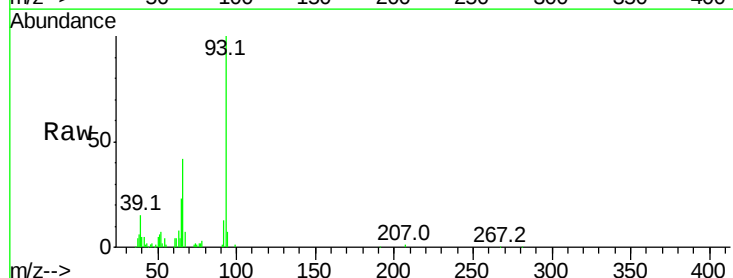
Tgt Ion: 93 Resp: 193787

Ion Ratio Lower Upper

93 100

66 41.9 30.8 46.2

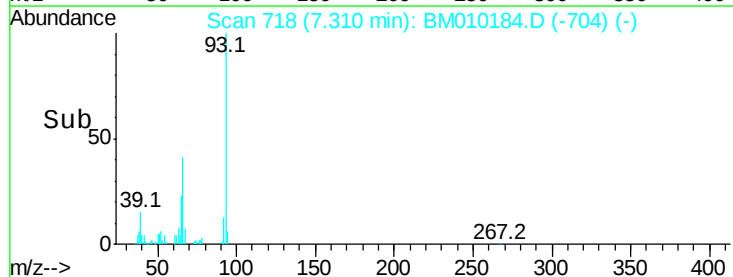
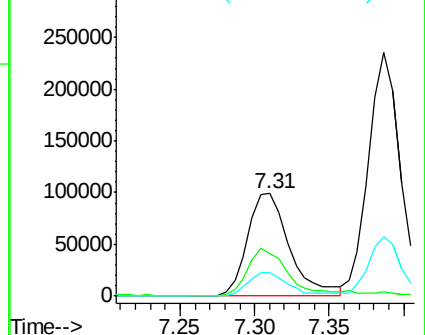
65 23.1 16.0 24.0

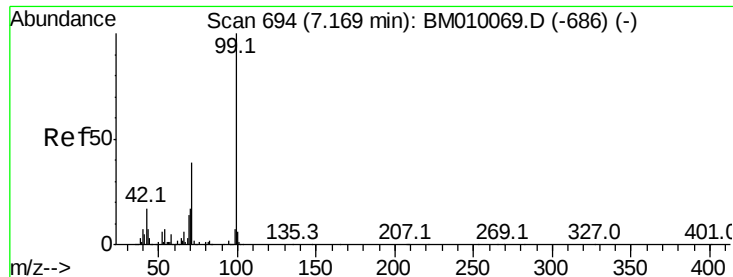


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 122.49 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

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ClientSampleId :

TP-3-TP-4MS

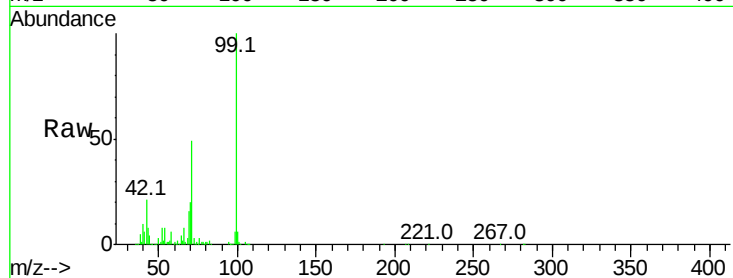
Tot Ion: 99 Resp: 1245487

Ion Ratio Lower Upper

99 100

42 20.8 11.0 16.4#

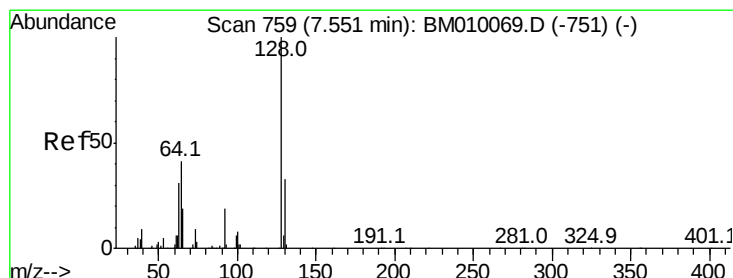
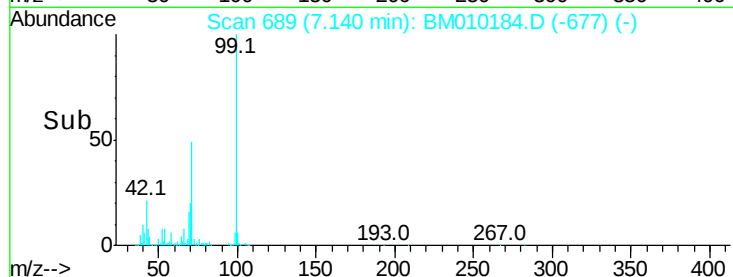
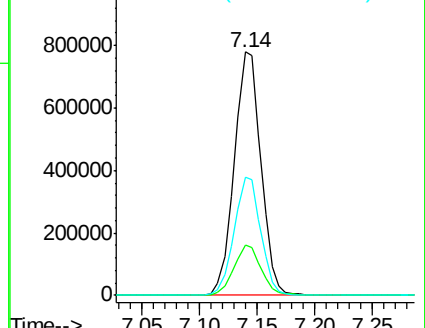
71 48.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#8

2-Chlorophenol

Concen: 43.58 ng

RT: 7.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

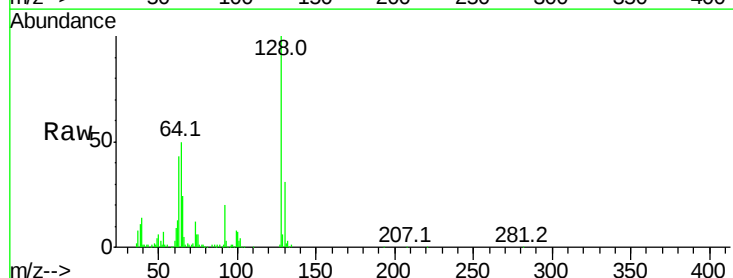
Tgt Ion: 128 Resp: 374642

Ion Ratio Lower Upper

128 100

130 31.3 12.0 52.0

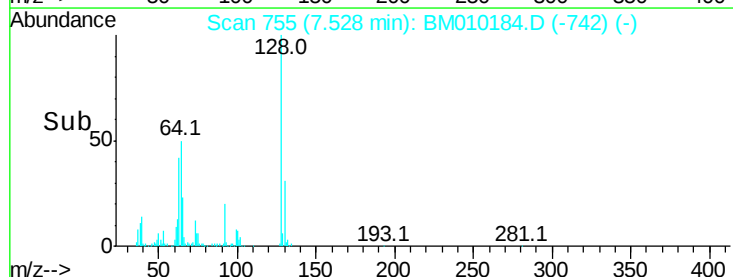
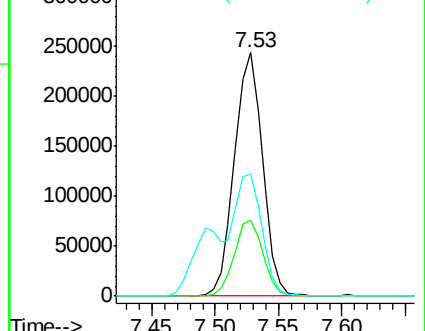
64 50.0 24.9 64.9

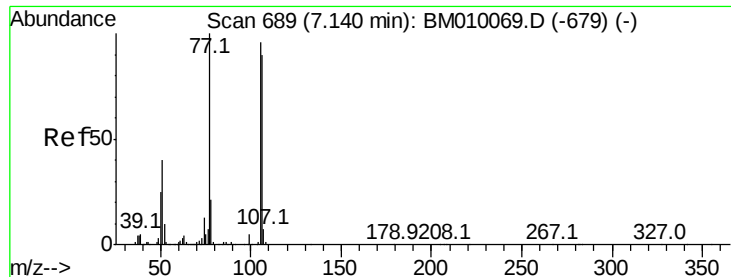


Abundance Ion 128.00 (127.70 to 128.70): BM010069.D (-751) (-)

Ion 130.00 (129.70 to 130.70): BM010069.D (-751) (-)

Ion 64.00 (63.70 to 64.70): BM010069.D (-751) (-)





#9

Benzaldehyde

Concen: 10.71 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.03 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

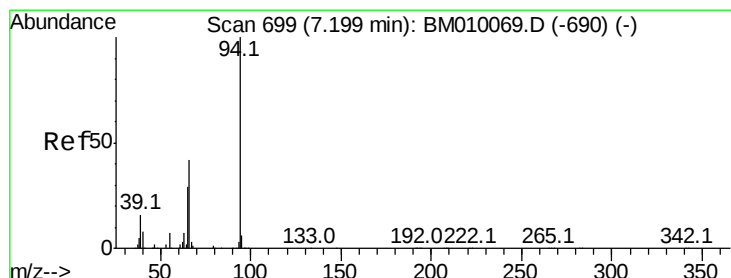
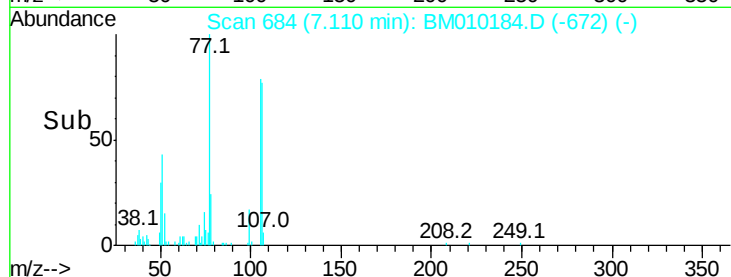
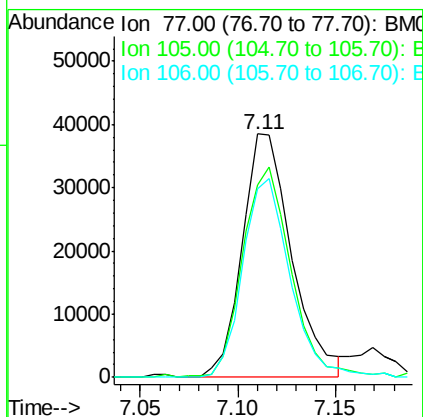
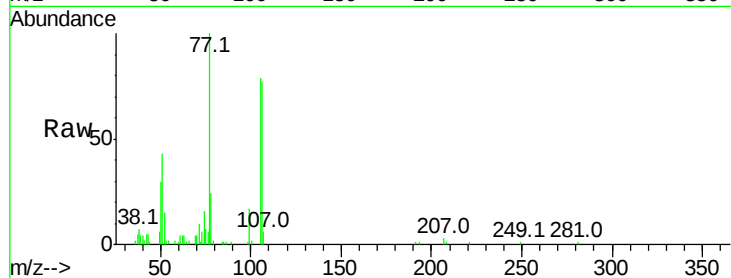
Tot Ion: 77 Resp: 67788

Ion Ratio Lower Upper

77 100

105 79.1 78.8 118.8

106 77.3 73.7 113.7



#10

Phenol

Concen: 38.72 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.03 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

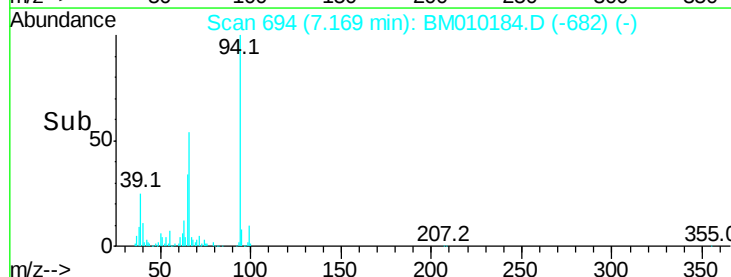
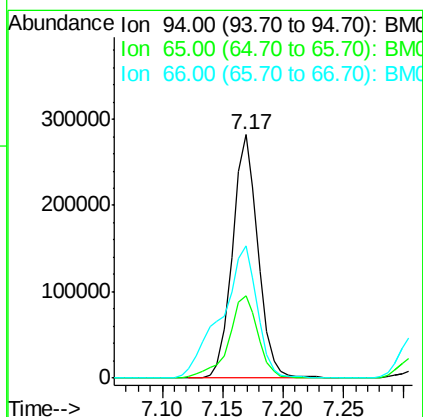
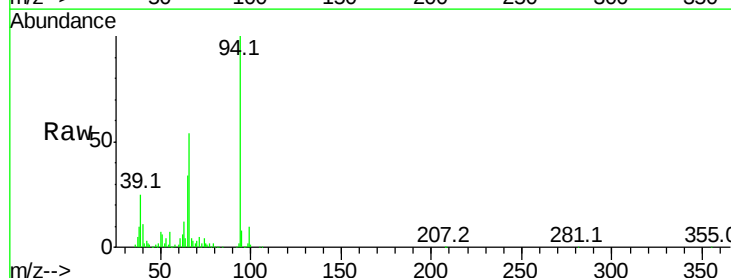
Tgt Ion: 94 Resp: 414938

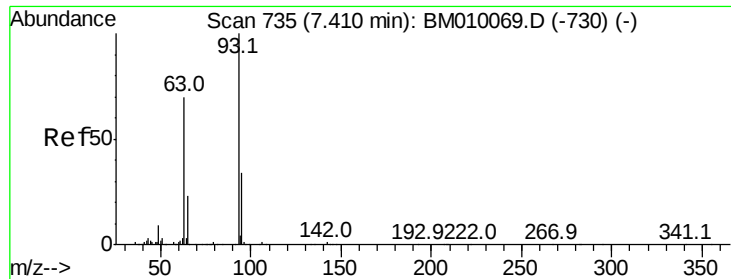
Ion Ratio Lower Upper

94 100

65 33.9 18.8 58.8

66 54.3 39.9 79.9

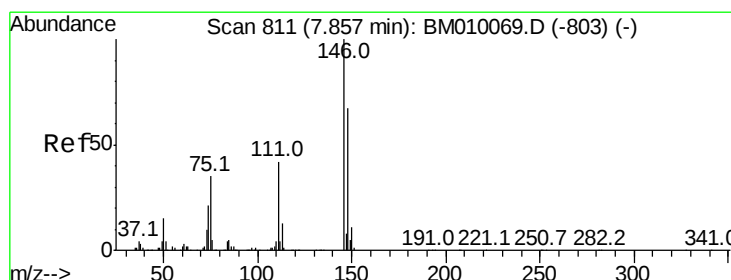
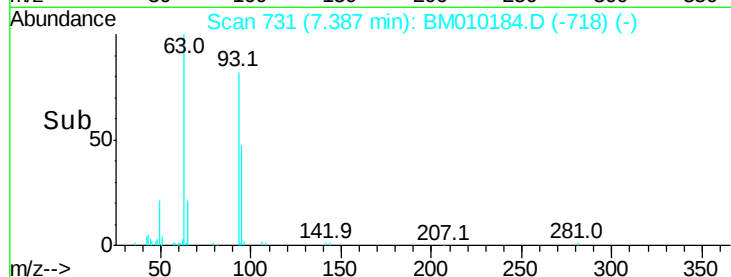
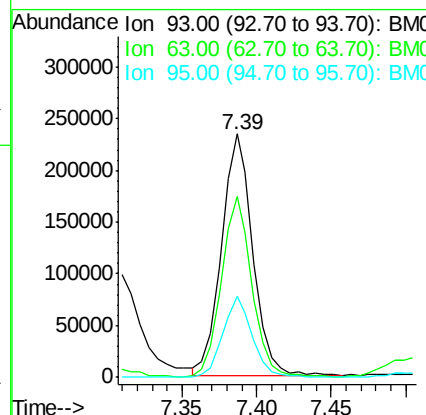
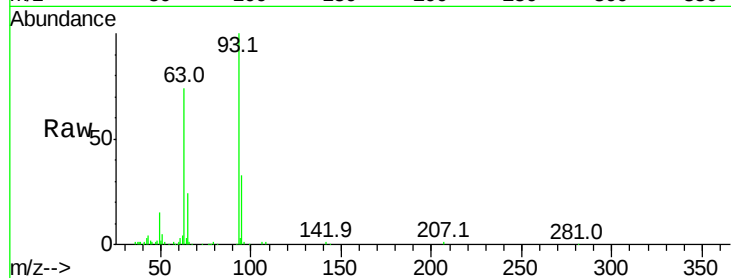




#11
bis(2-Chloroethyl)ether
Concen: 42.64 ng
RT: 7.39 min Scan# 731
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

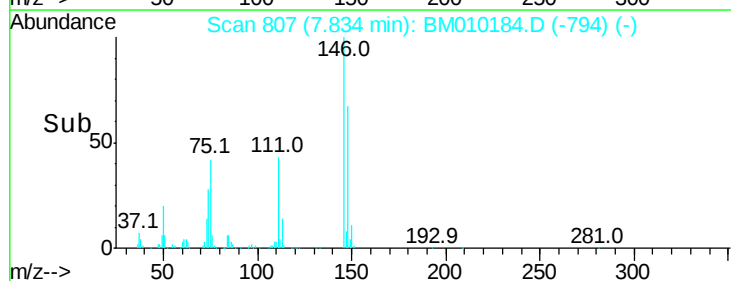
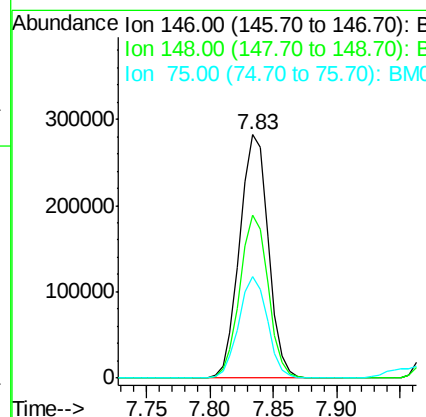
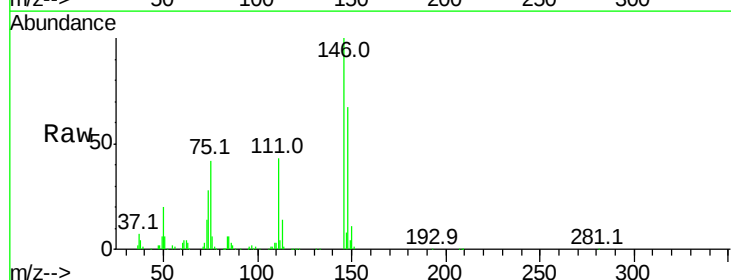
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MS

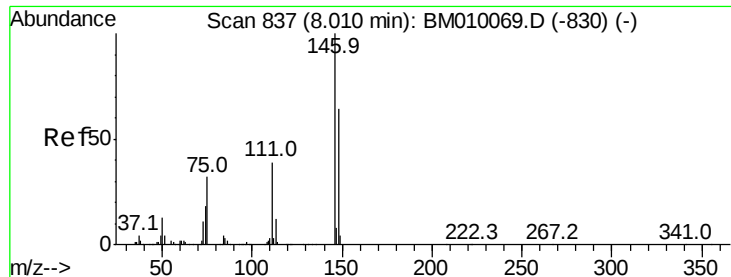
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.1	49.5	89.5
95	33.2	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 40.39 ng
RT: 7.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	50.9	76.3
75	41.7	21.4	32.2

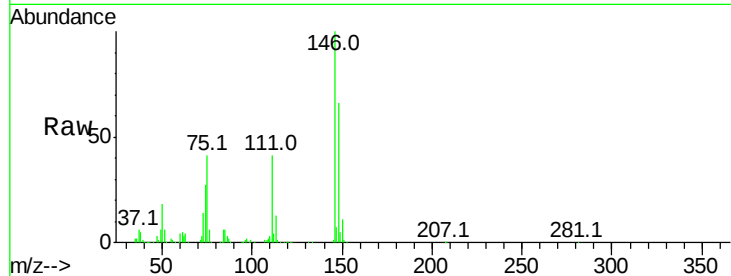




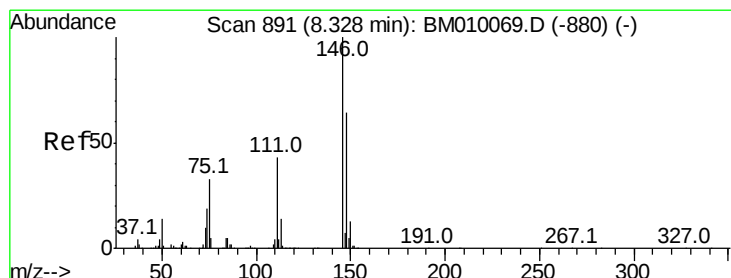
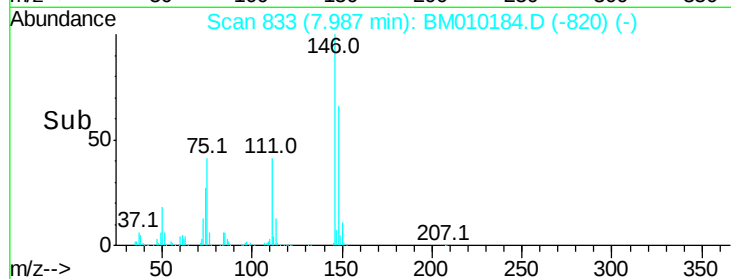
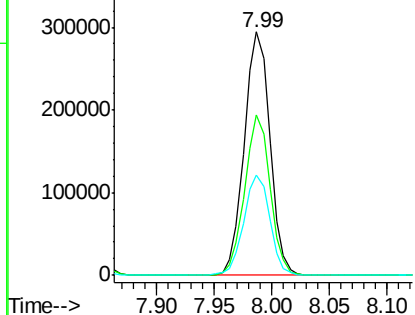
#13
 1,4-Dichlorobenzene
 Concen: 40.79 ng
 RT: 7.99 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BM010184.D
 Acq: 24 May 2017 17:14

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.9	77.9
111	41.0	29.2	43.8

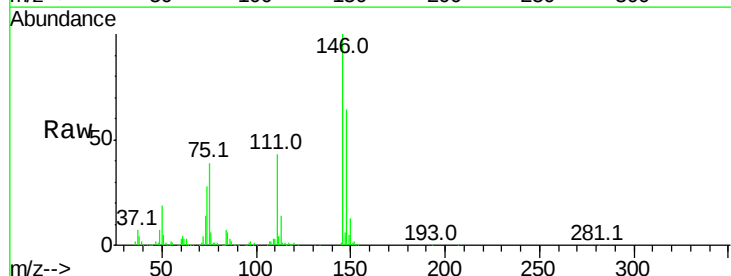


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

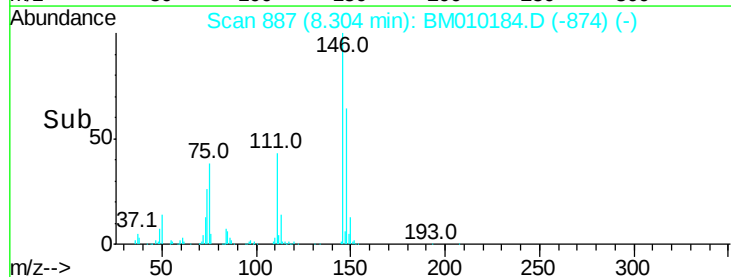
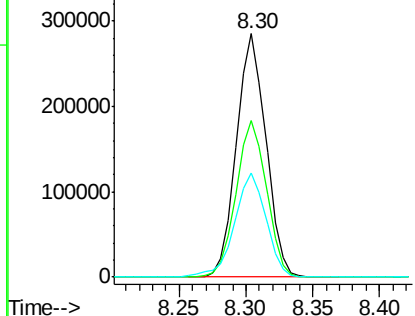


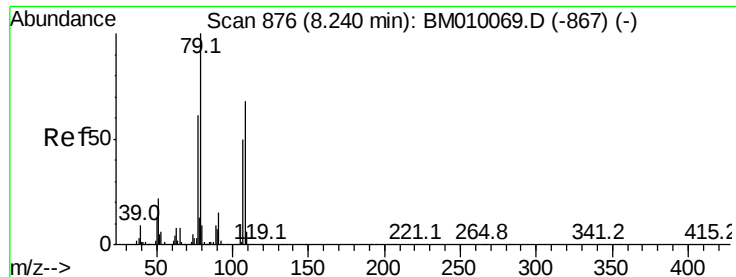
#14
 1,2-Dichlorobenzene
 Concen: 40.62 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BM010184.D
 Acq: 24 May 2017 17:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.3	78.5
111	42.7	30.6	45.8



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





#15

Benzyl Alcohol

Concen: 47.30 ng

RT: 8.22 min Scan# 872

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

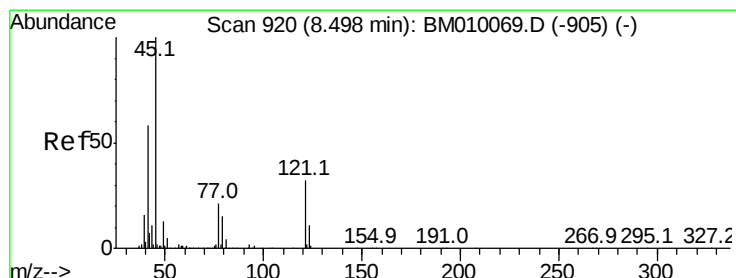
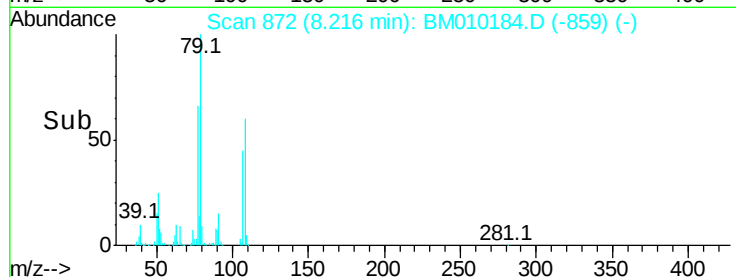
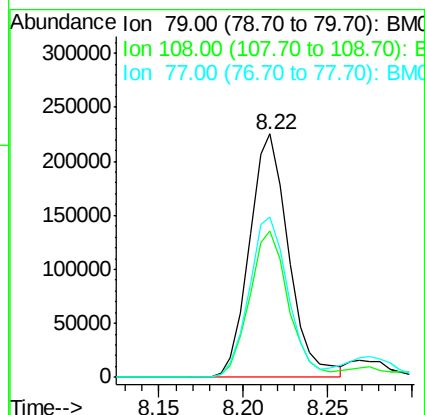
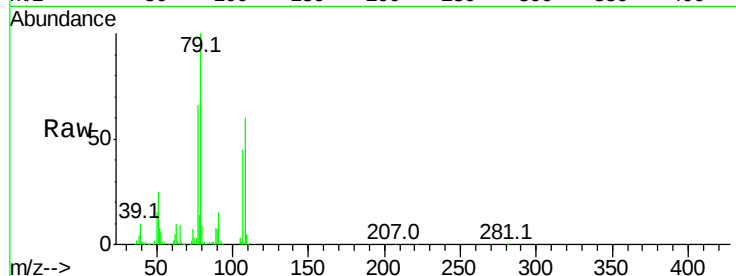
Tot Ion: 79 Resp: 363915

Ion Ratio Lower Upper

79 100

108 60.1 65.0 97.4#

77 66.0 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.49 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

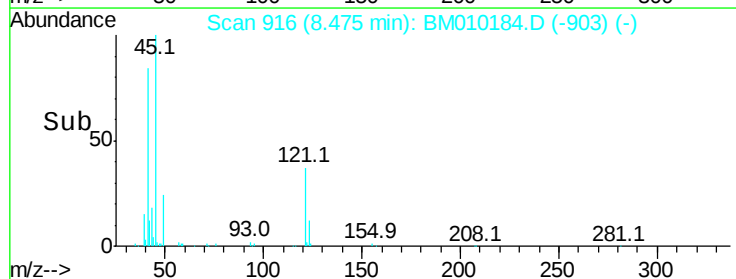
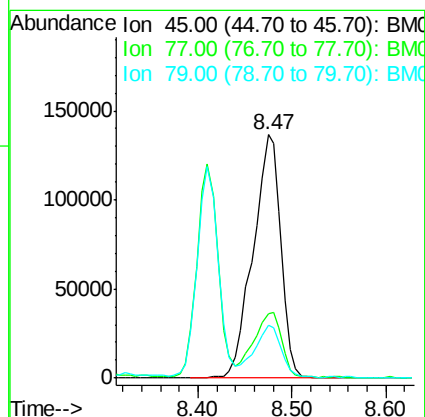
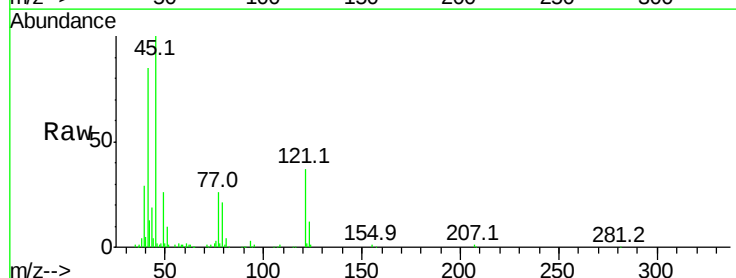
Tgt Ion: 45 Resp: 278736

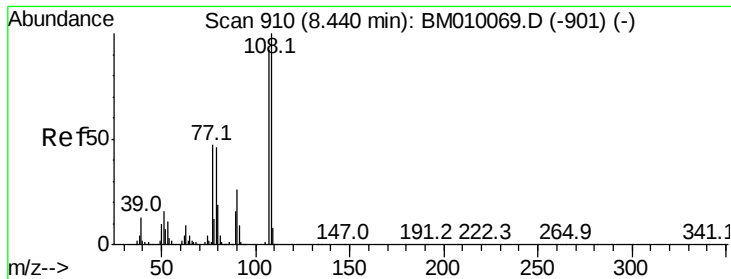
Ion Ratio Lower Upper

45 100

77 26.4 0.0 35.2

79 21.5 0.0 32.0

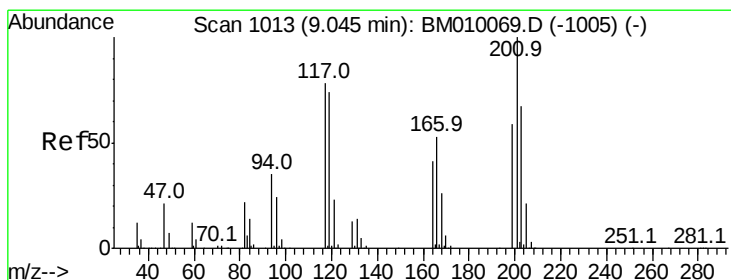
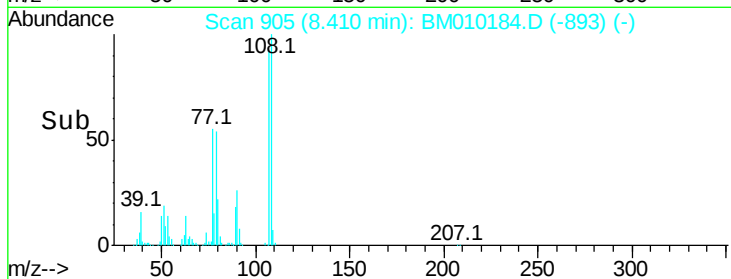
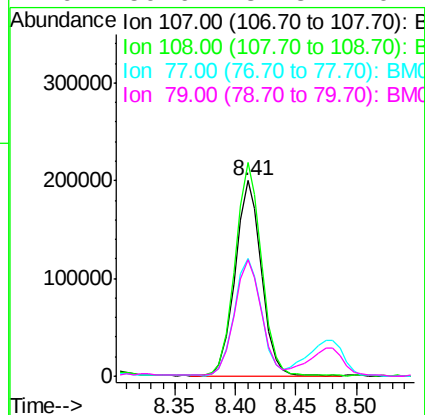
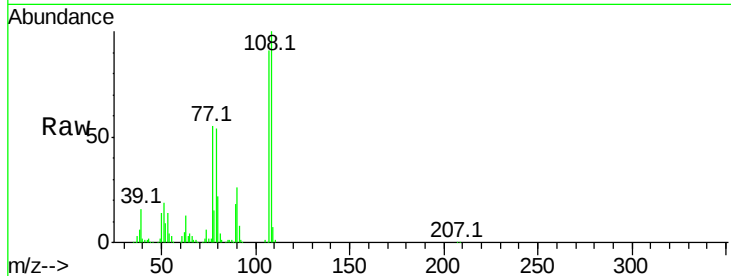




#17
2-Methylphenol
Concen: 39.65 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.03 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

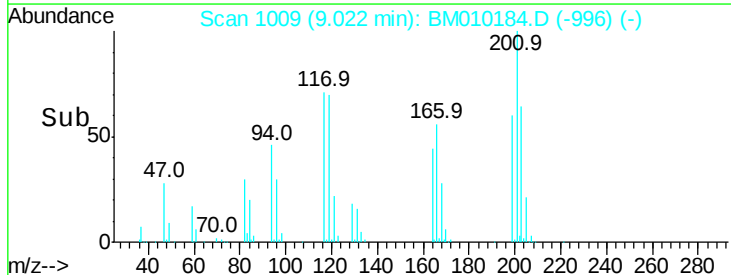
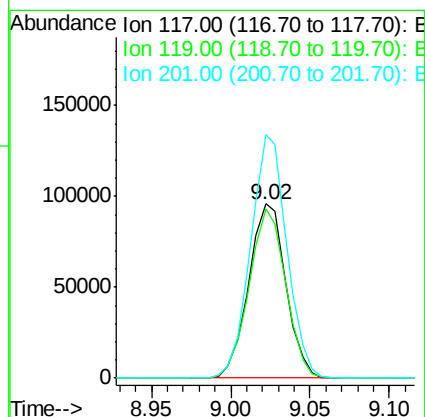
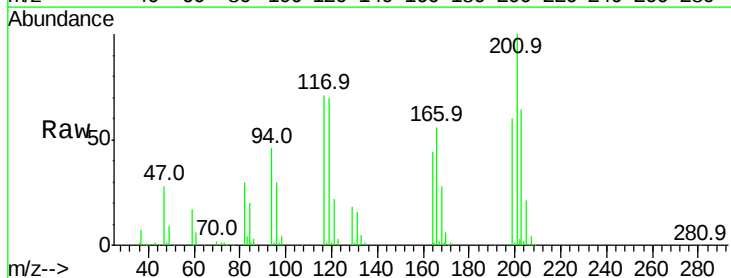
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MS

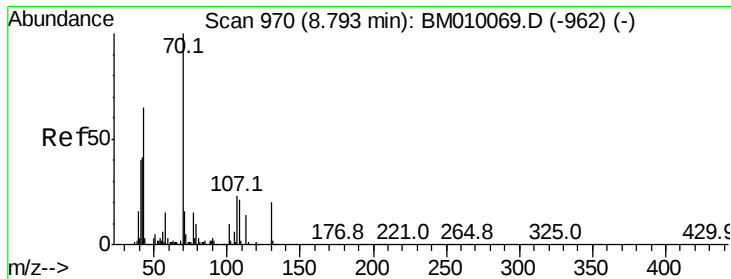
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.3	89.8	134.8
77	60.1	32.6	48.8#
79	59.6	32.8	49.2#



#18
Hexachloroethane
Concen: 42.91 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	79.2	118.8
201	139.9	69.8	104.6#





#19

n-Nitroso-di-n-propylamine

Concen: 43.52 ng

RT: 8.76 min Scan# 964

Delta R.T. -0.04 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

Tot Ion: 70 Resp: 312312

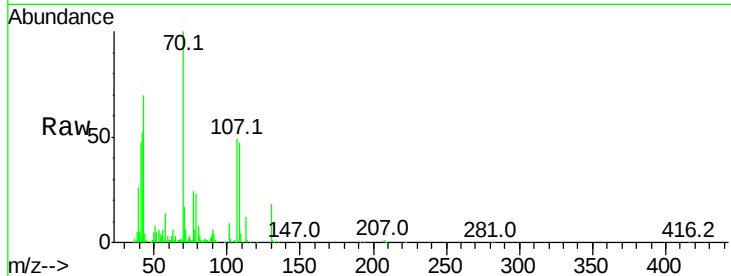
Ion Ratio Lower Upper

70 100

42 51.5 44.5 66.7

101 9.2 7.4 11.2

130 17.9 15.3 22.9

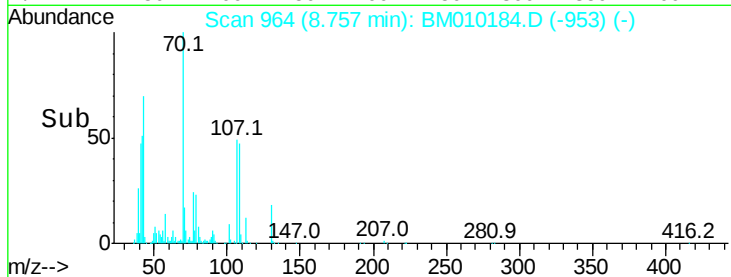
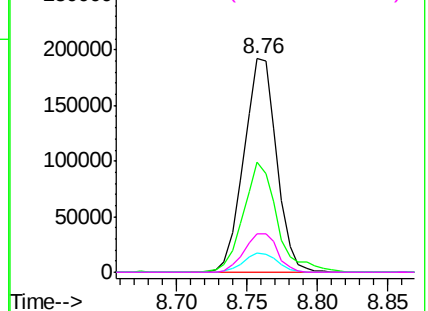


Abundance Ion 70.00 (69.70 to 70.70): BM010069.D (-962) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-962) (-)

Ion 101.00 (100.70 to 101.70): BM010069.D (-962) (-)

Ion 130.00 (129.70 to 130.70): BM010069.D (-962) (-)



#20

3+4-Methylphenols

Concen: 38.71 ng

RT: 8.75 min Scan# 962

Delta R.T. -0.03 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Tgt Ion: 107 Resp: 398590

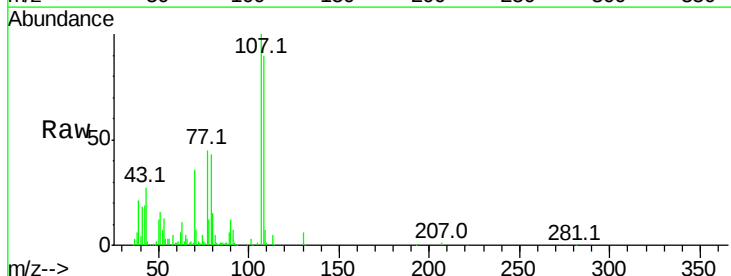
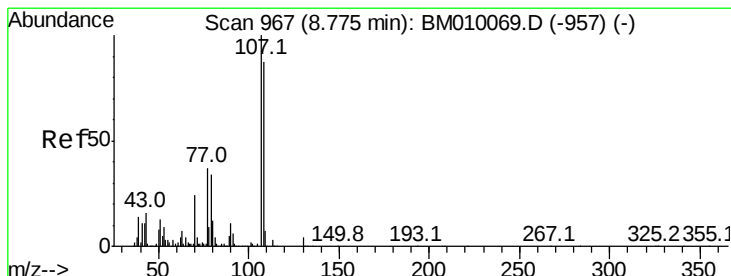
Ion Ratio Lower Upper

107 100

108 90.0 73.2 113.2

77 45.1 10.7 50.7

79 42.7 9.6 49.6

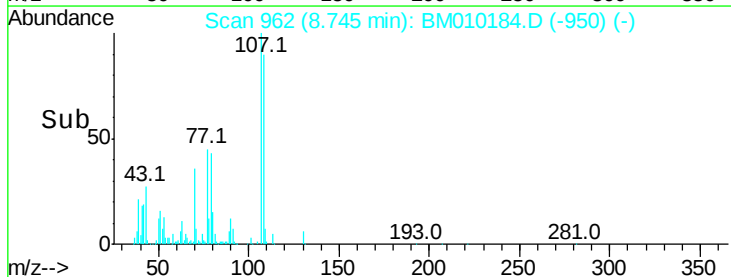
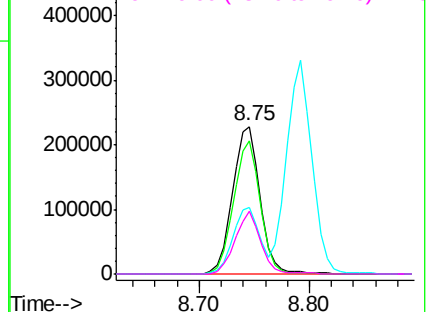


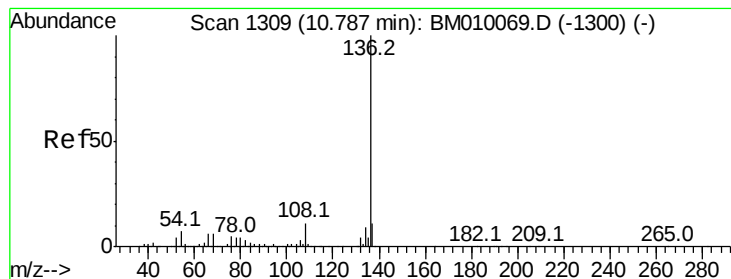
Abundance Ion 107.00 (106.70 to 107.70): BM010069.D (-957) (-)

Ion 108.00 (107.70 to 108.70): BM010069.D (-957) (-)

Ion 77.00 (76.70 to 77.70): BM010069.D (-957) (-)

Ion 79.00 (78.70 to 79.70): BM010069.D (-957) (-)





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

Tot Ion:136 Resp: 483022

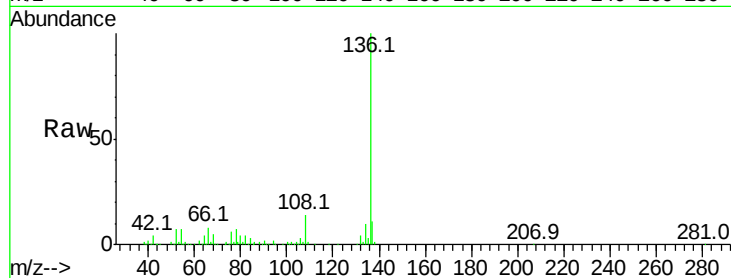
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 7.1 4.6 6.8#

68 4.9 3.7 5.5

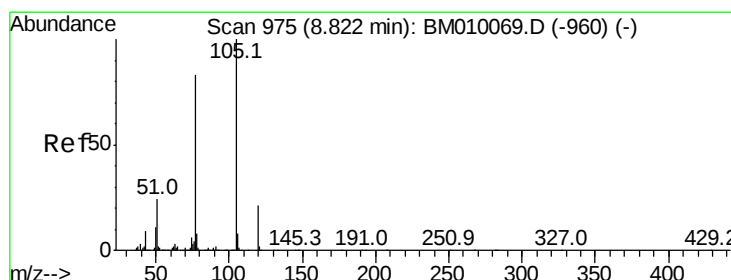
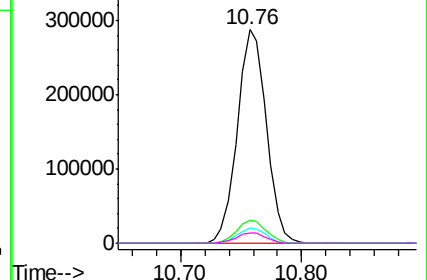
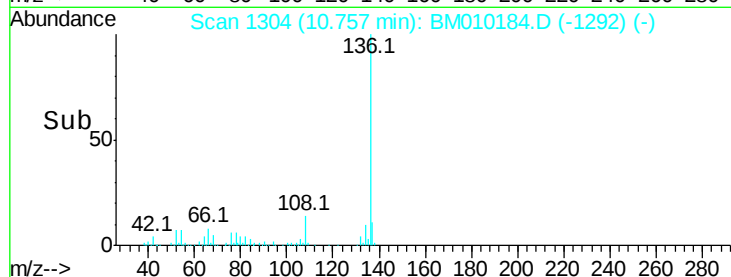


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 46.76 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.03 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Tgt Ion:105 Resp: 579002

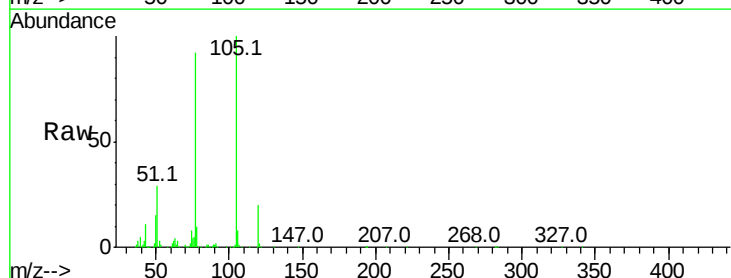
Ion Ratio Lower Upper

105 100

71 0.1 0.6 1.0#

51 29.1 21.6 32.4

120 20.1 16.1 24.1

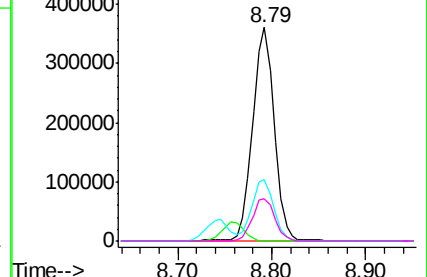
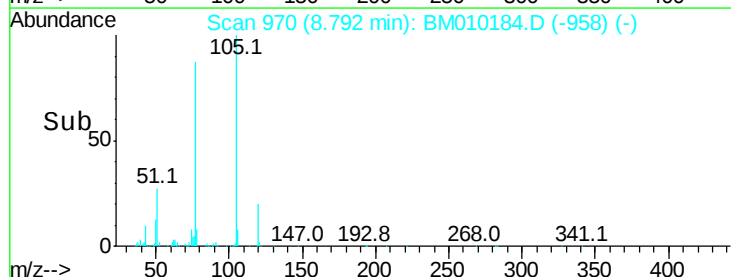


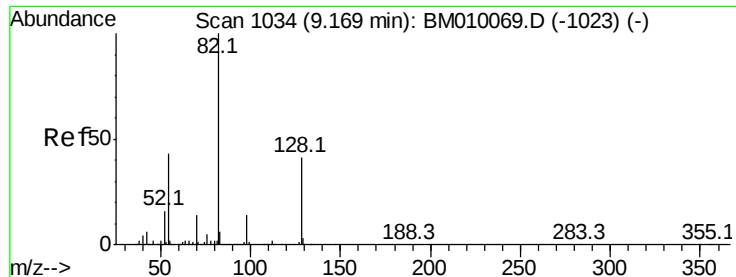
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 109.96 ng

RT: 9.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

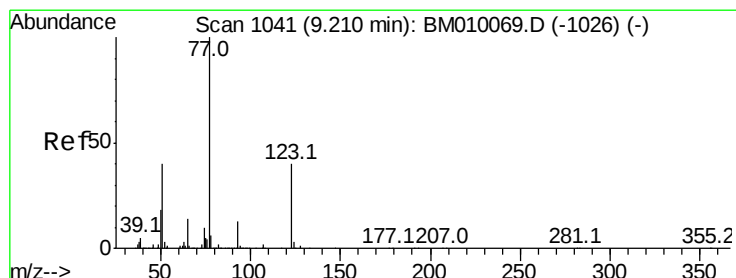
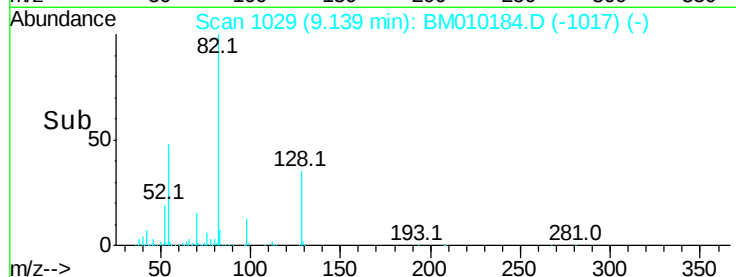
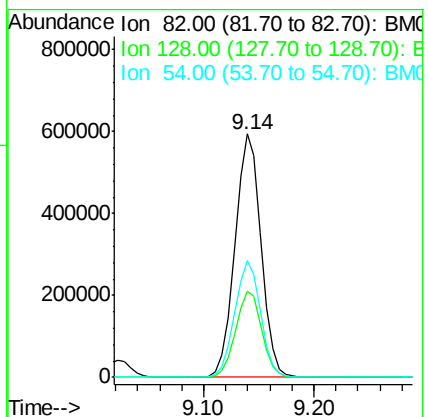
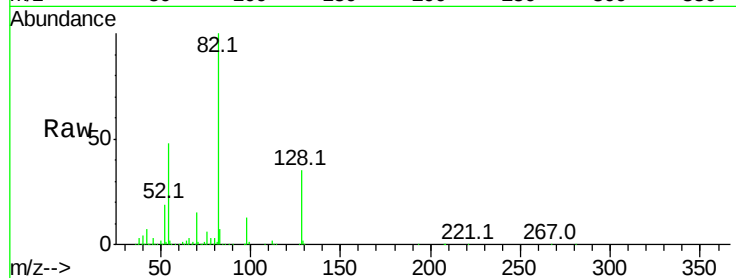
Tot Ion: 82 Resp: 984460

Ion Ratio Lower Upper

82 100

128 35.5 32.8 49.2

54 48.1 40.6 60.8



#24

Nitrobenzene

Concen: 53.23 ng

RT: 9.18 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

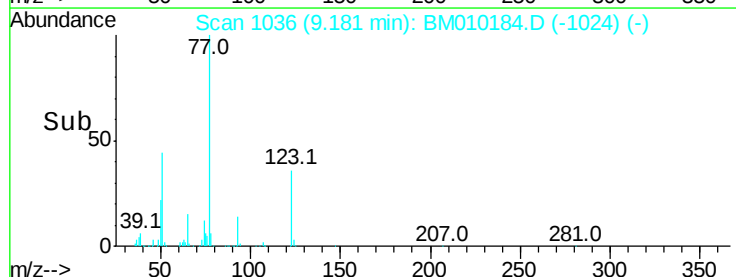
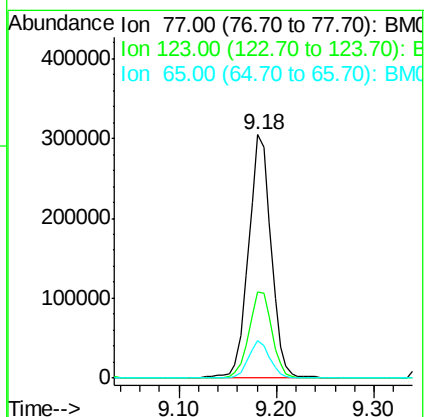
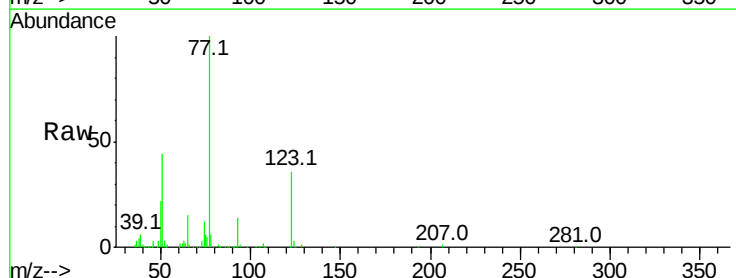
Tgt Ion: 77 Resp: 490932

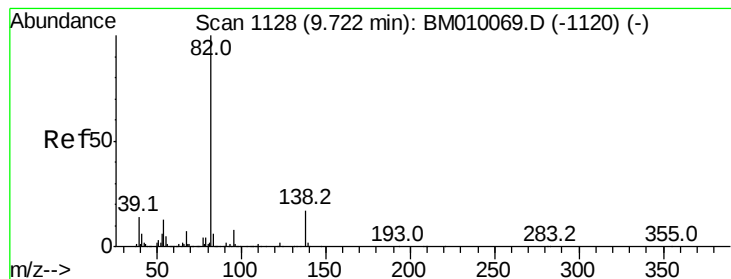
Ion Ratio Lower Upper

77 100

123 35.6 32.6 49.0

65 15.2 10.9 16.3





#25

Isophorone

Concen: 48.91 ng

RT: 9.69 min Scan# 1122

Delta R.T. -0.04 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

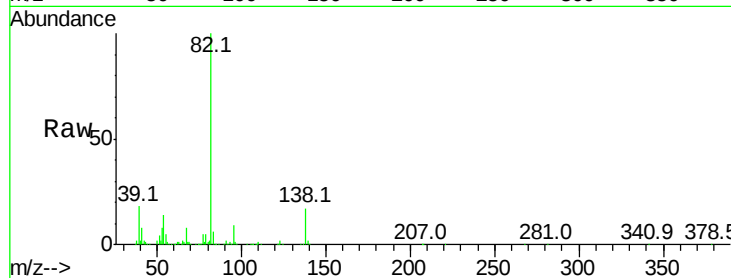
Tot Ion: 82 Resp: 756726

Ion Ratio Lower Upper

82 100

95 8.9 5.8 8.6#

138 16.7 16.3 24.5

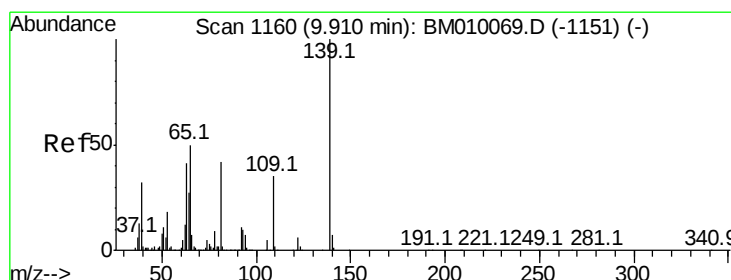
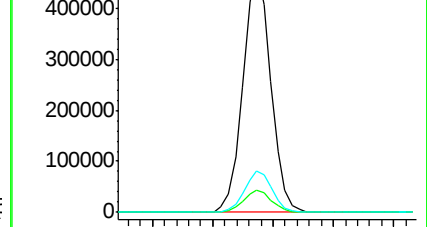
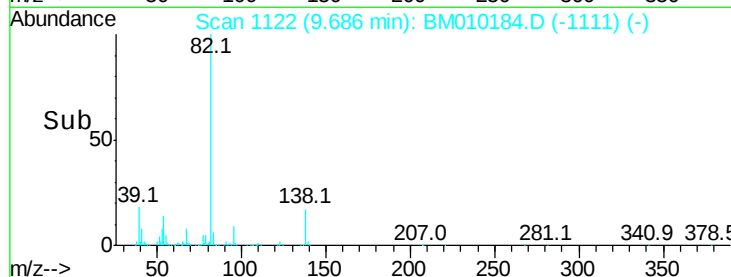


Abundance Ion 82.00 (81.70 to 82.70): BM010069.D (-1120) (-)

Ion 95.00 (94.70 to 95.70): BM010069.D (-1120) (-)

Ion 138.00 (137.70 to 138.70): BM010069.D (-1120) (-)

9.69



#26

2-Nitrophenol

Concen: 48.32 ng

RT: 9.89 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

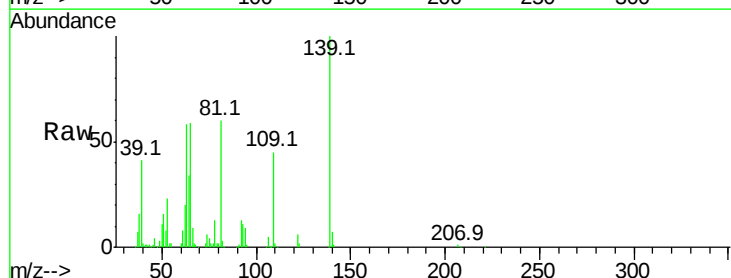
Tgt Ion: 139 Resp: 187873

Ion Ratio Lower Upper

139 100

109 45.0 20.1 30.1#

65 58.9 31.5 47.3#

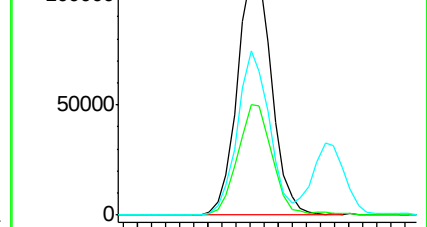
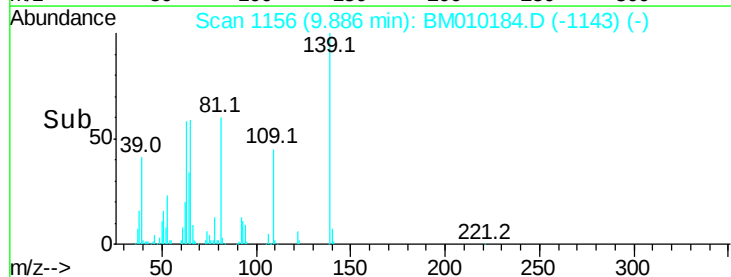


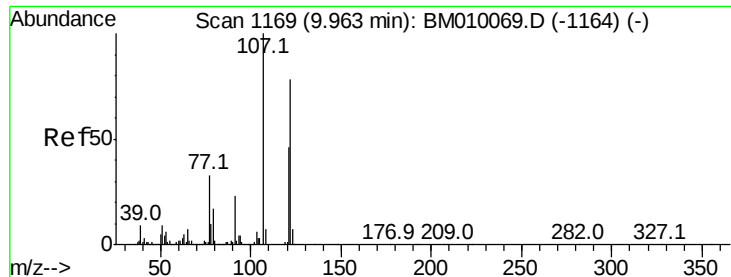
Abundance Ion 139.00 (138.70 to 139.70): BM010069.D (-1151) (-)

Ion 109.00 (108.70 to 109.70): BM010069.D (-1151) (-)

Ion 65.00 (64.70 to 65.70): BM010069.D (-1151) (-)

9.89





#27

2,4-Dimethylphenol

Concen: 45.07 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.03 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

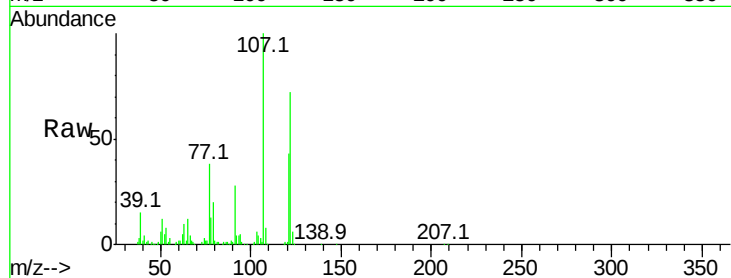
Tot Ion:122 Resp: 316395

Ion Ratio Lower Upper

122 100

107 139.1 84.7 127.1#

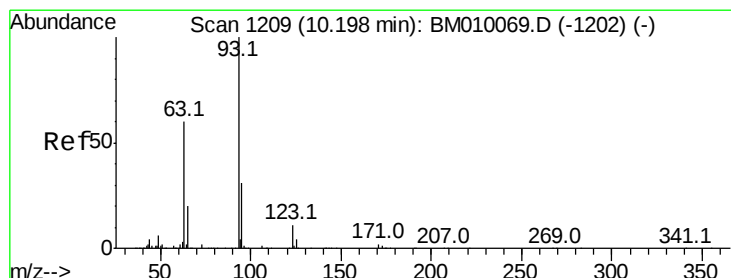
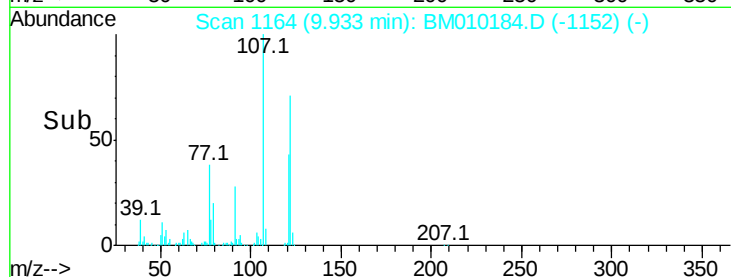
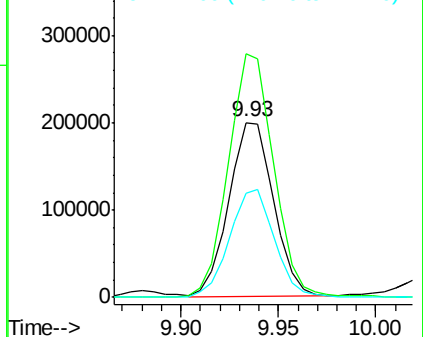
121 59.4 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.87 ng

RT: 10.17 min Scan# 1204

Delta R.T. -0.03 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

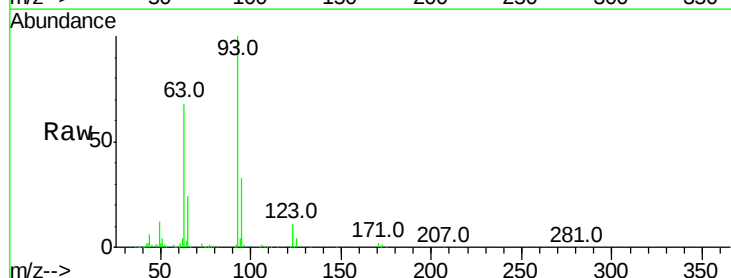
Tgt Ion: 93 Resp: 430701

Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

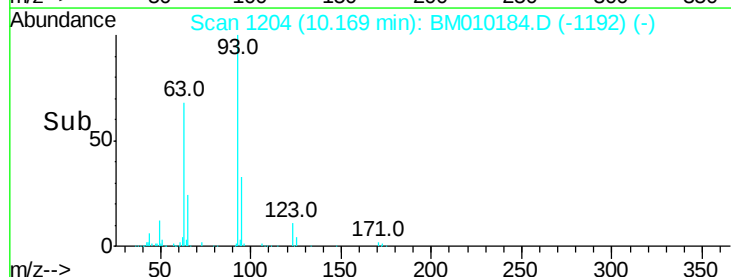
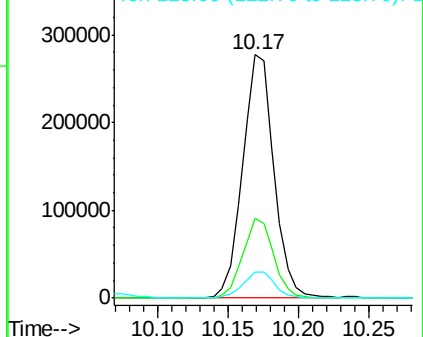
123 10.8 8.6 13.0

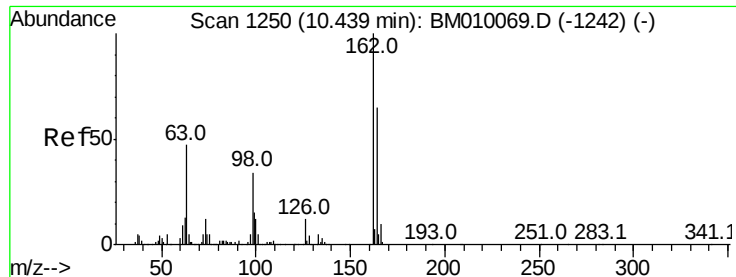


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

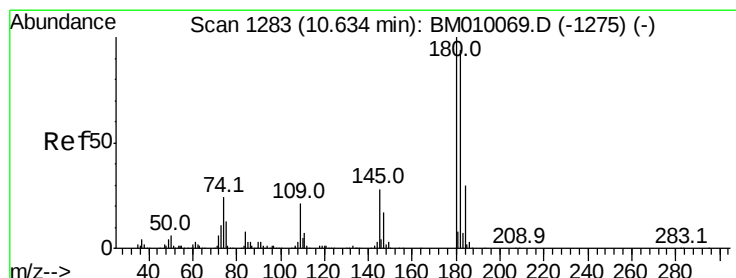
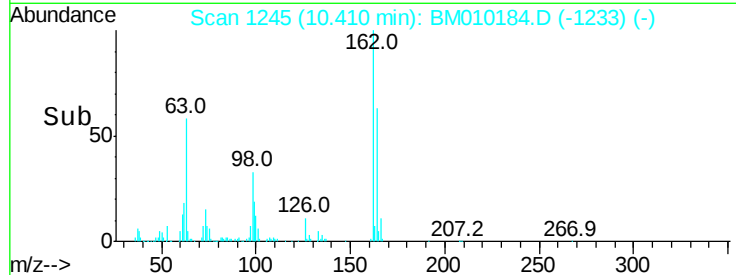
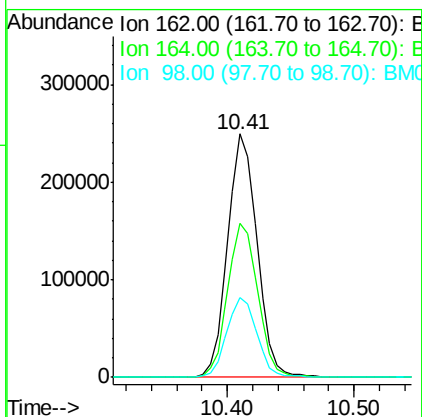
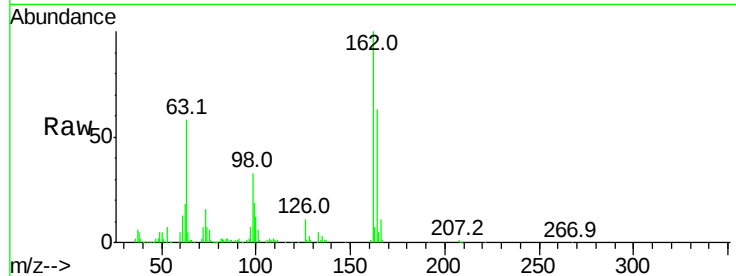




#29
2,4-Dichlorophenol
Concen: 49.67 ng
RT: 10.41 min Scan# 1245
Delta R.T. -0.03 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

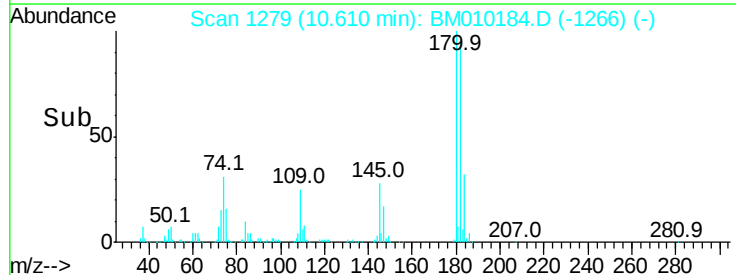
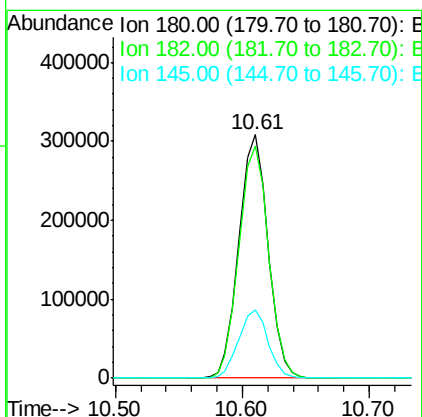
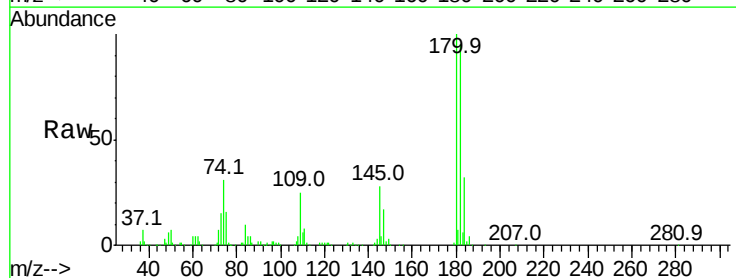
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MS

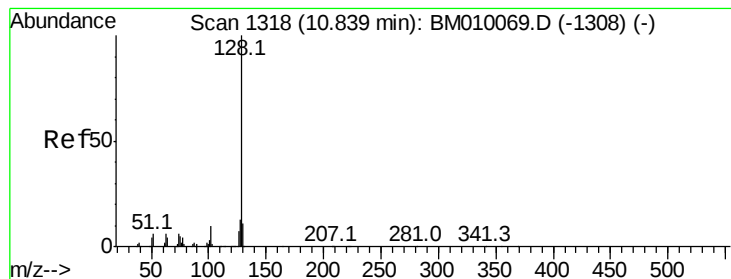
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.8	82.8
98	32.9	14.5	54.5



#30
1,2,4-Trichlorobenzene
Concen: 47.15 ng
RT: 10.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.6	116.4
145	27.8	23.4	35.2





#31

Naphthalene

Concen: 43.53 ng

RT: 10.81 min Scan# 1313

Delta R.T. -0.03 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

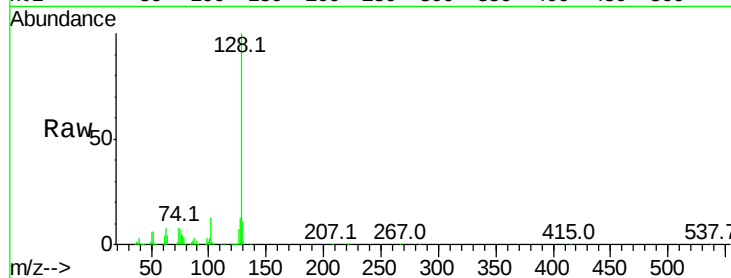
Tot Ion:128 Resp: 1124654

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

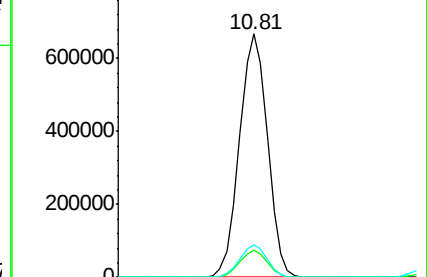
127 13.2 10.4 15.6



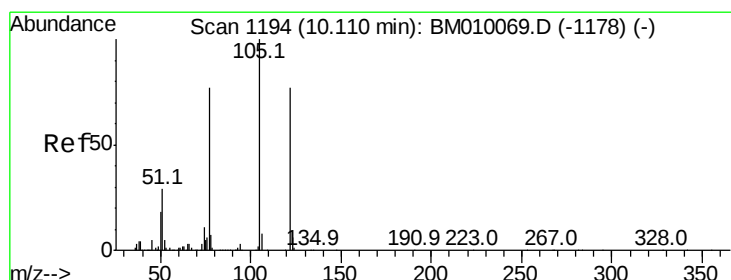
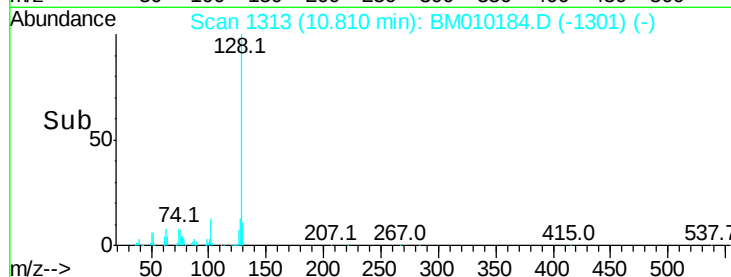
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time--> 10.70 10.80 10.90



#32

Benzoic acid

Concen: 40.21 ng

RT: 10.07 min Scan# 1188

Delta R.T. -0.04 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

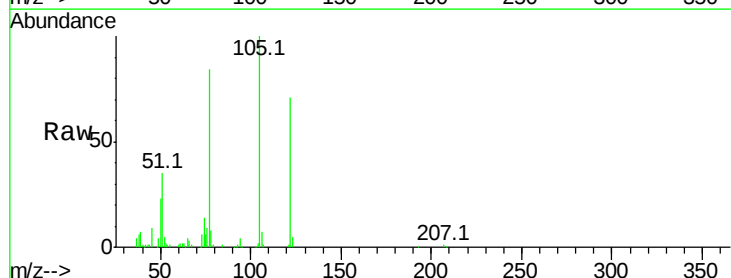
Tgt Ion:122 Resp: 192333

Ion Ratio Lower Upper

122 100

105 141.5 99.9 139.9#

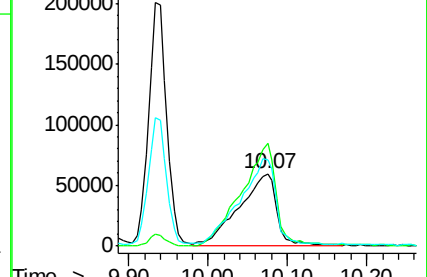
77 119.2 73.7 113.7#



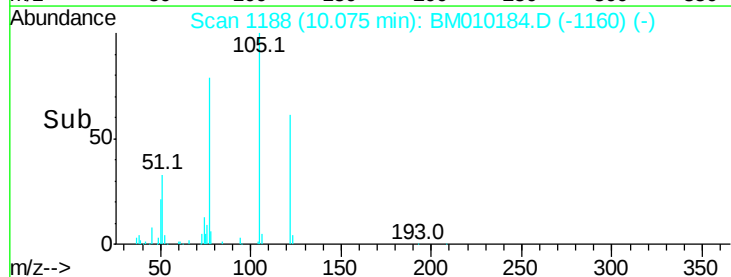
Abundance Ion 122.00 (121.70 to 122.70): E

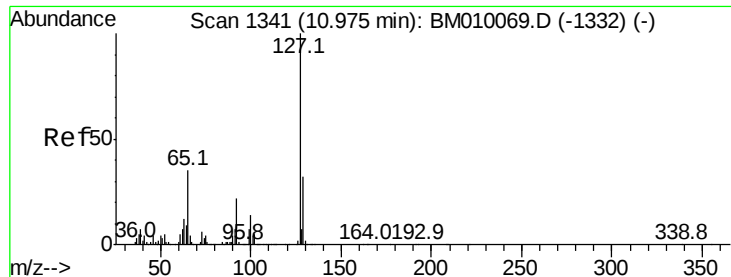
Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



Time--> 9.90 10.00 10.10 10.20

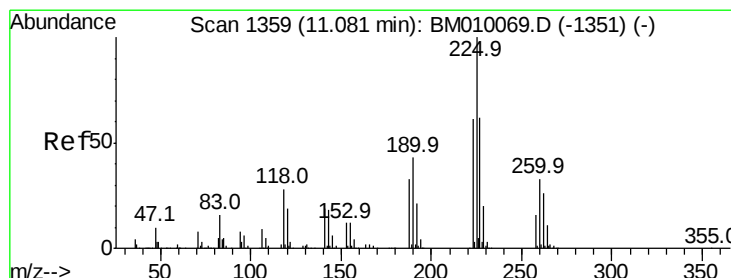
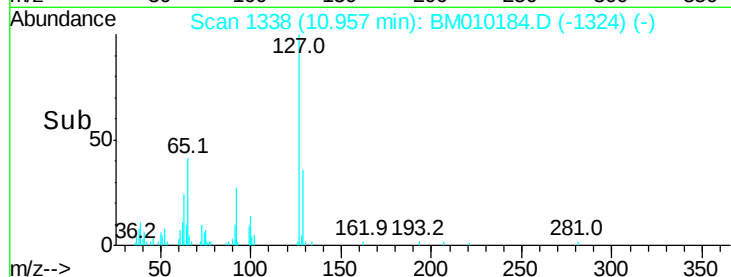
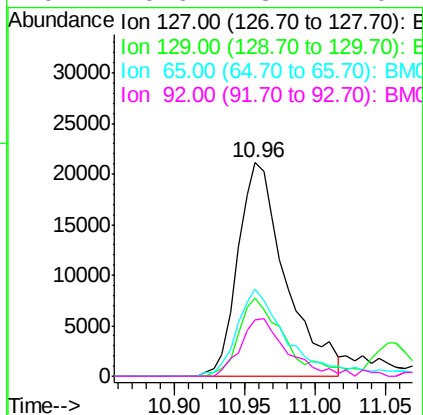
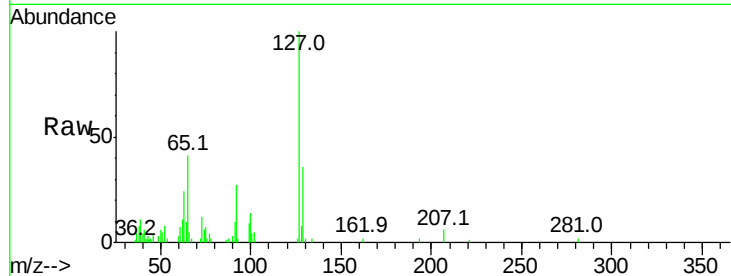




#33
4-Chloroaniline
Concen: 5.00 ng
RT: 10.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

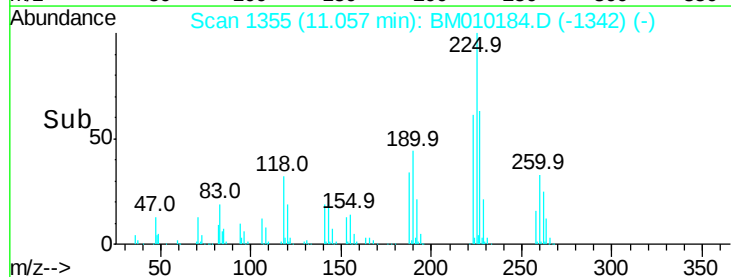
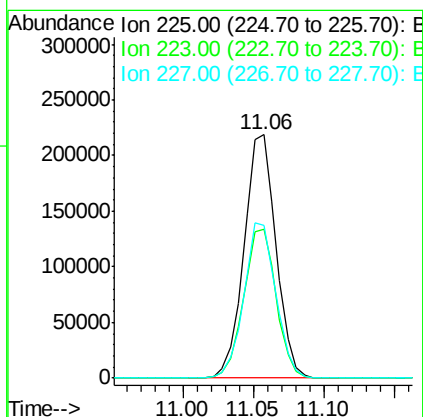
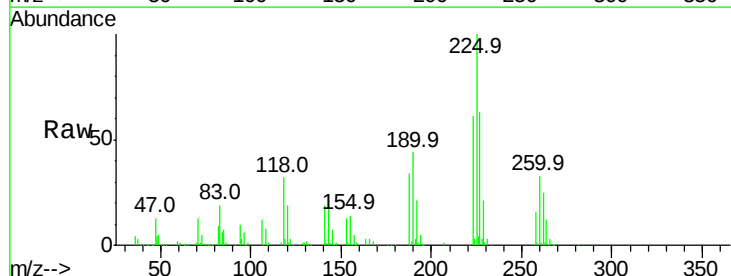
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MS

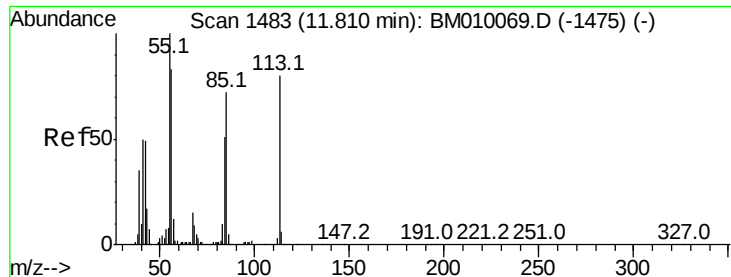
Tot Ion:	127	Resp:	49805
Ion	Ratio	Lower	Upper
127	100		
129	36.4	25.3	37.9
65	40.8	17.6	26.4
92	26.6	13.1	19.7



#34
Hexachlorobutadiene
Concen: 49.75 ng
RT: 11.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

Tgt Ion:	225	Resp:	347014
Ion	Ratio	Lower	Upper
225	100		
223	61.1	47.9	71.9
227	62.7	50.1	75.1

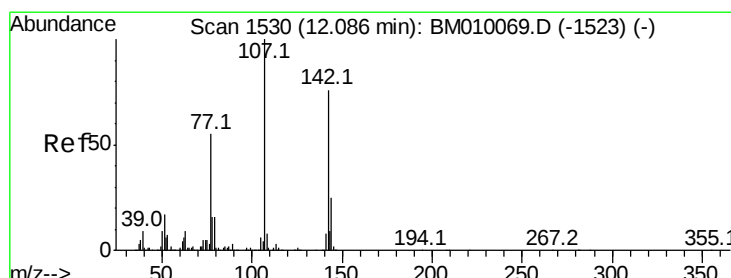
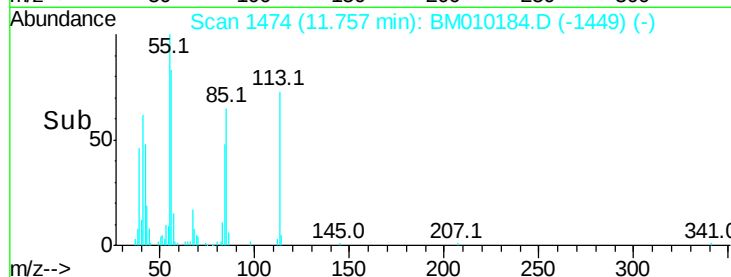
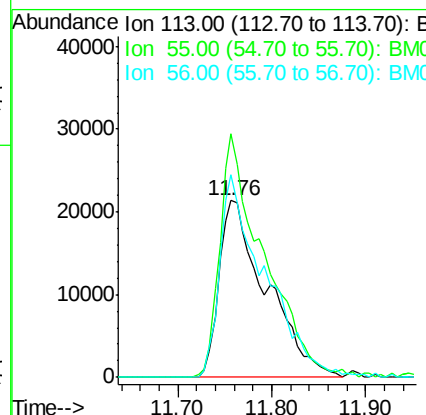
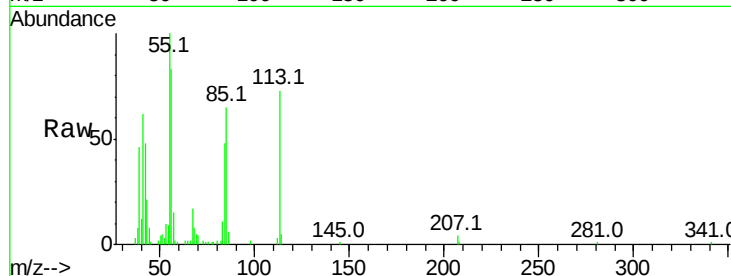




#35
 Caprolactam
 Concen: 32.34 ng
 RT: 11.76 min Scan# 1474
 Delta R.T. -0.05 min
 Lab File: BM010184.D
 Acq: 24 May 2017 17:14

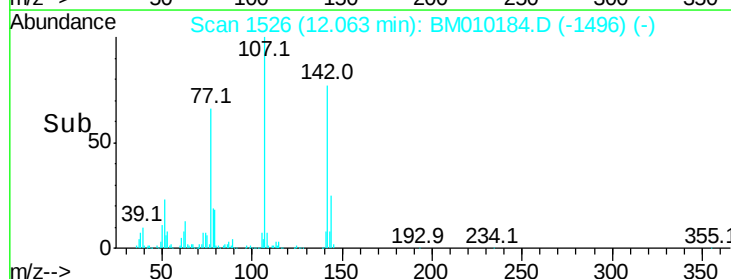
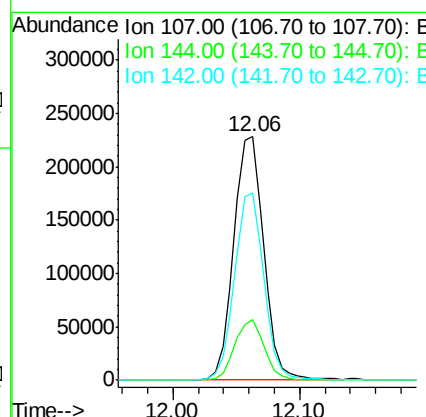
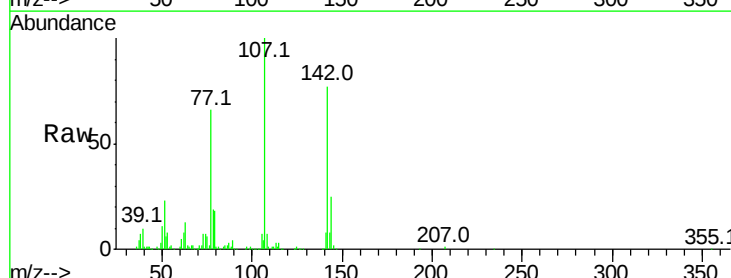
Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4MS

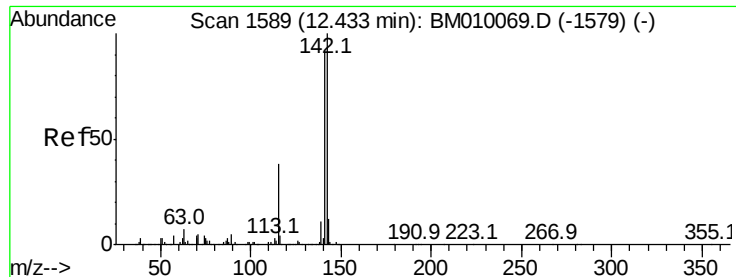
Tot Ion:113 Resp: 74991
 Ion Ratio Lower Upper
 113 100
 55 137.9 145.9 185.9#
 56 114.7 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.71 ng
 RT: 12.06 min Scan# 1526
 Delta R.T. -0.02 min
 Lab File: BM010184.D
 Acq: 24 May 2017 17:14

Tgt Ion:107 Resp: 373865
 Ion Ratio Lower Upper
 107 100
 144 24.8 23.3 34.9
 142 76.7 72.6 109.0

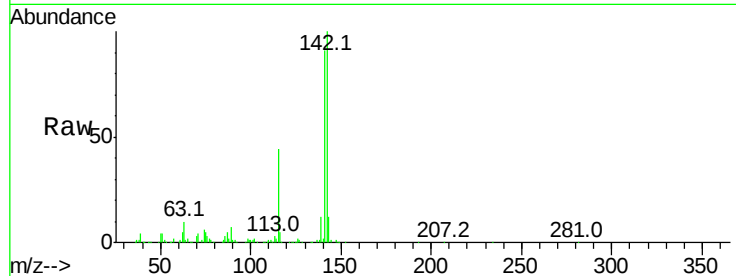




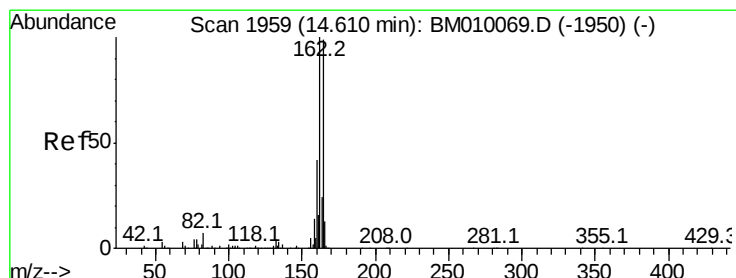
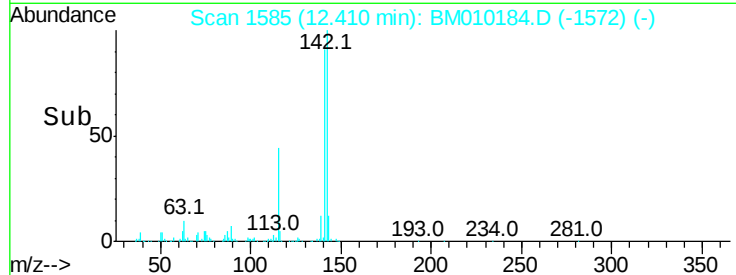
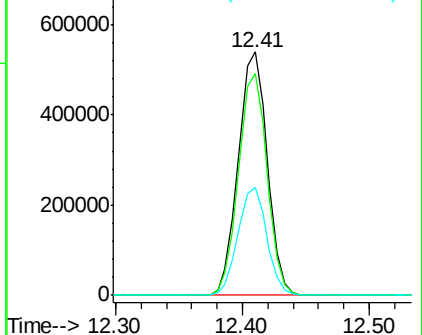
#37
 2-Methylnaphthalene
 Concen: 46.12 ng
 RT: 12.41 min Scan# 1585
 Delta R.T. -0.02 min
 Lab File: BM010184.D
 Acq: 24 May 2017 17:14

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.9	107.9
115	44.4	25.4	38.0

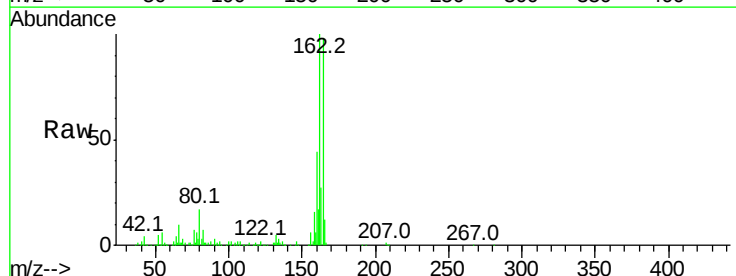


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

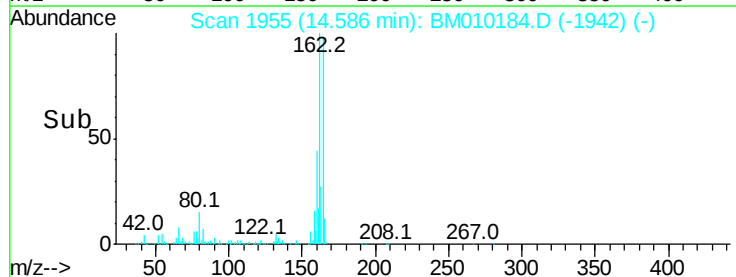
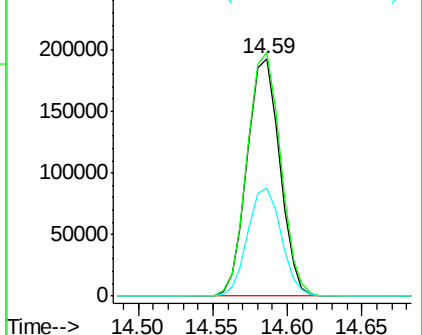


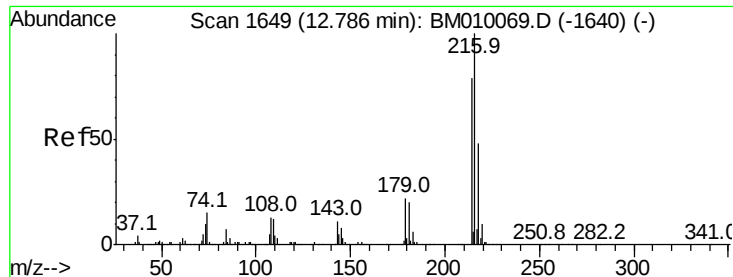
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BM010184.D
 Acq: 24 May 2017 17:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.4	123.6
160	45.3	35.8	53.6



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.33 ng

RT: 12.76 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

Tot Ion:216 Resp: 564536

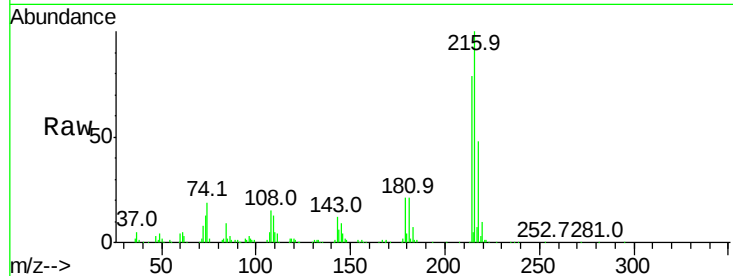
Ion Ratio Lower Upper

216 100

214 77.7 0.0 0.0#

179 21.0 0.0 0.0#

108 14.9 0.0 0.0#

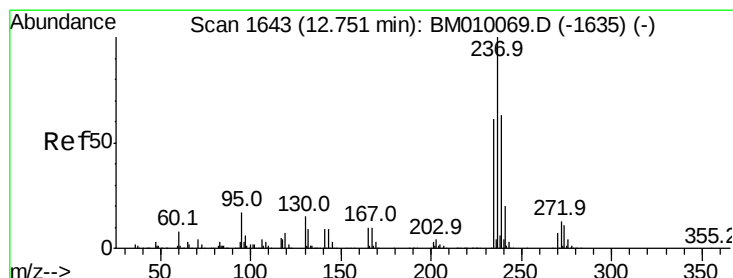
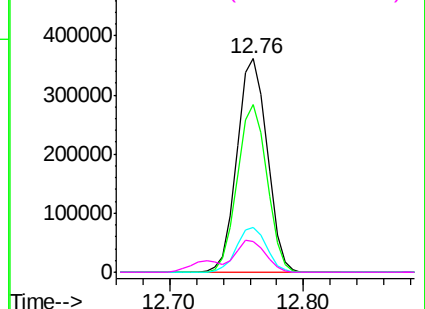
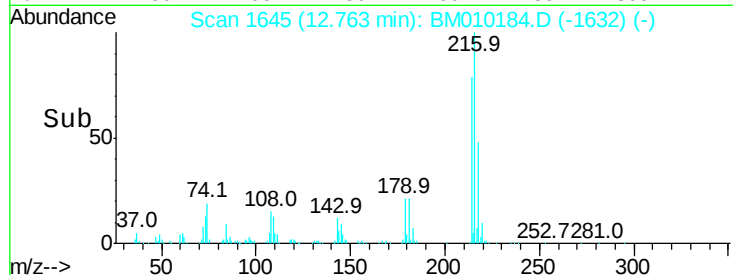


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 126.46 ng

RT: 12.73 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

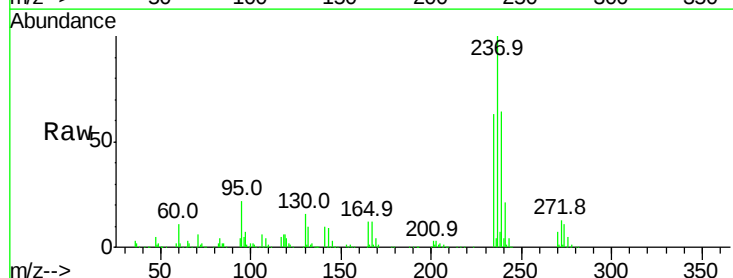
Tgt Ion:237 Resp: 818987

Ion Ratio Lower Upper

237 100

235 63.2 42.0 82.0

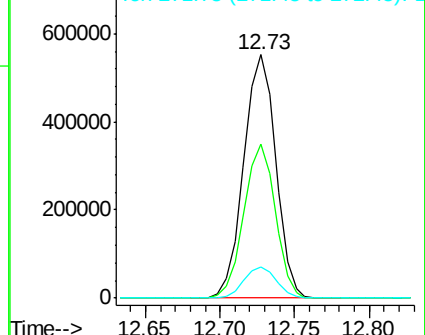
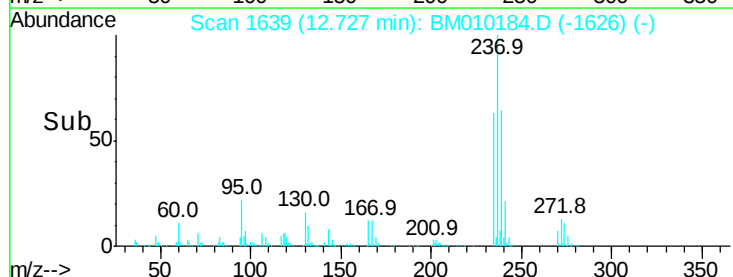
272 12.8 0.0 33.4

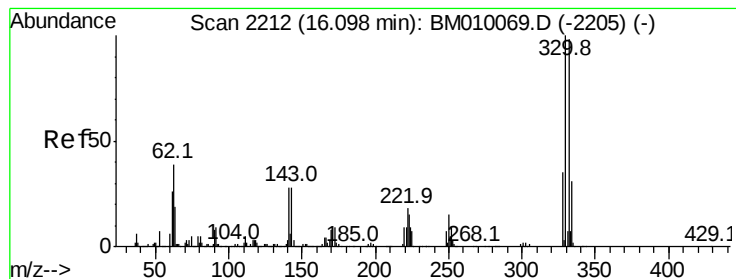


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 153.97 ng

RT: 16.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

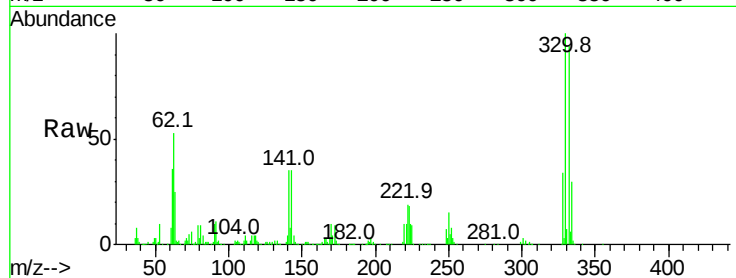
Tot Ion:330 Resp: 682077

Ion Ratio Lower Upper

330 100

332 95.3 0.0 0.0#

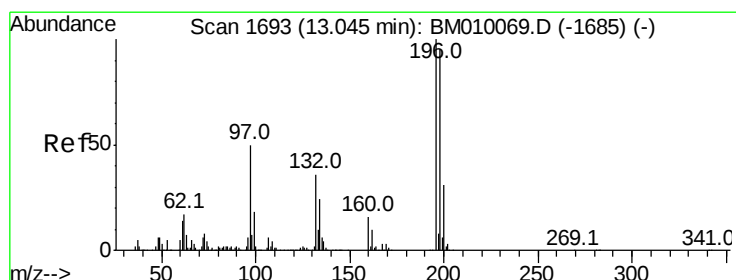
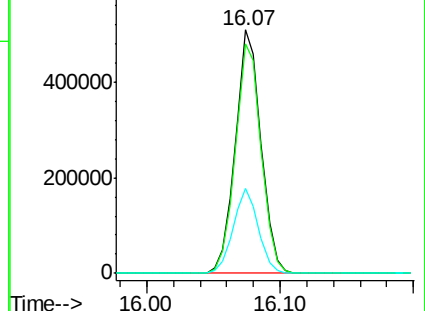
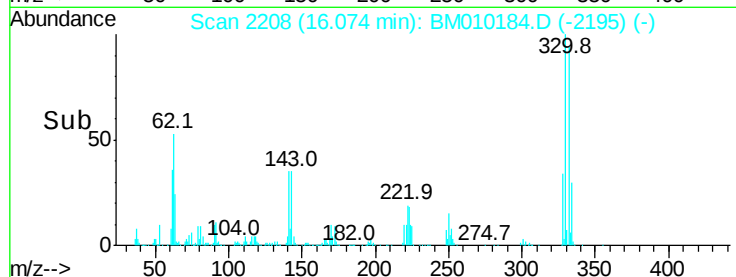
141 34.2 0.0 0.0#



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



#42

2,4,6-Trichlorophenol

Concen: 53.06 ng

RT: 13.02 min Scan# 1689

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

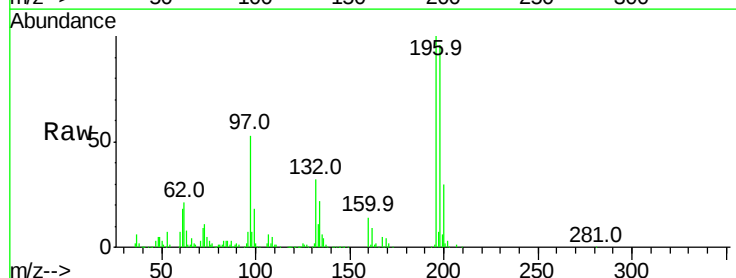
Tgt Ion:196 Resp: 350523

Ion Ratio Lower Upper

196 100

198 95.8 76.3 114.5

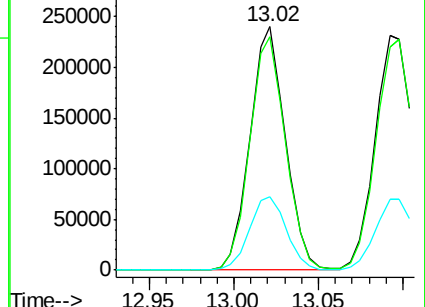
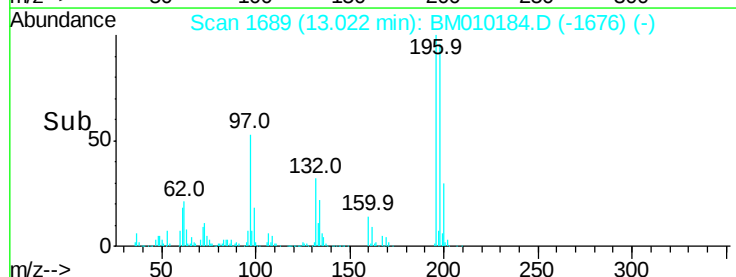
200 30.3 25.6 38.4

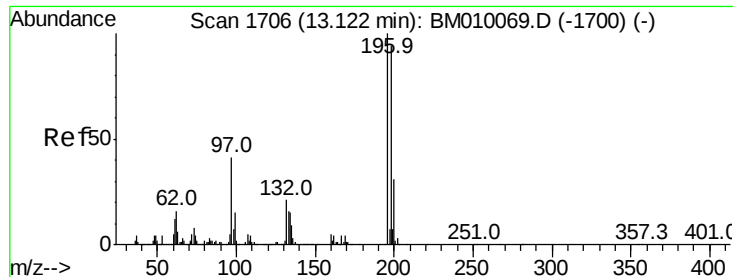


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

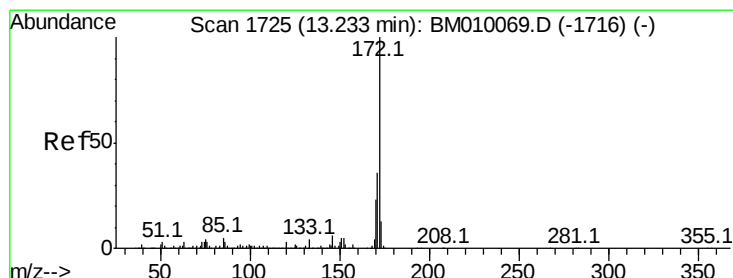
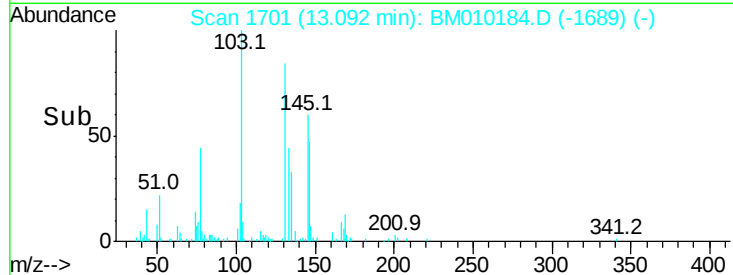
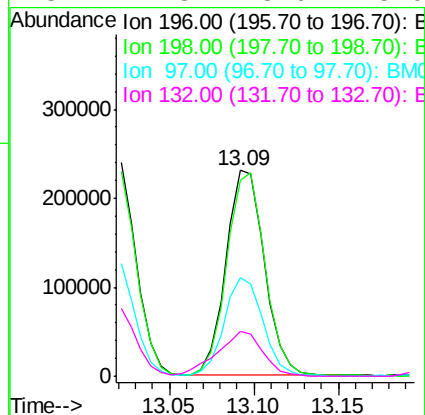
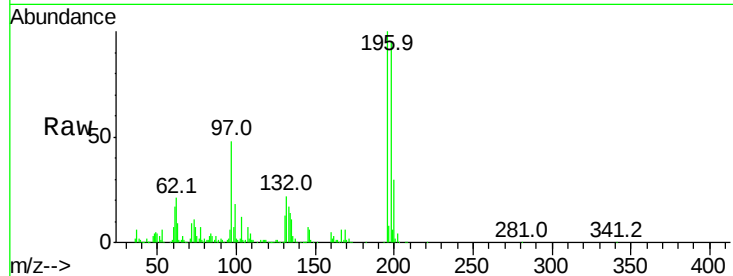




#43
2,4,5-Trichlorophenol
Concen: 49.95 ng
RT: 13.09 min Scan# 1701
Delta R.T. -0.03 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

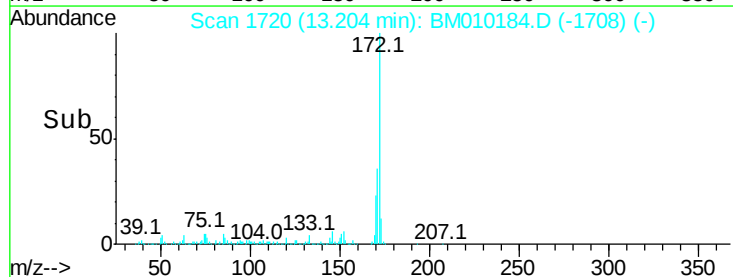
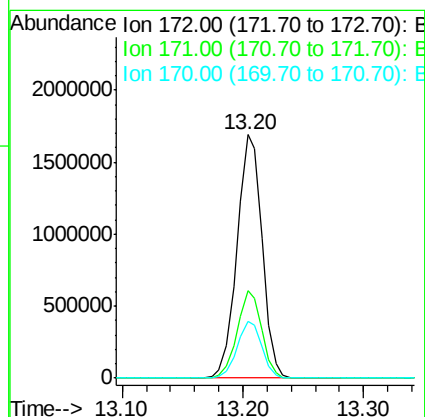
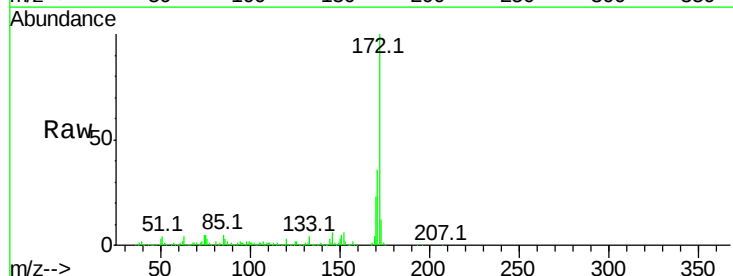
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MS

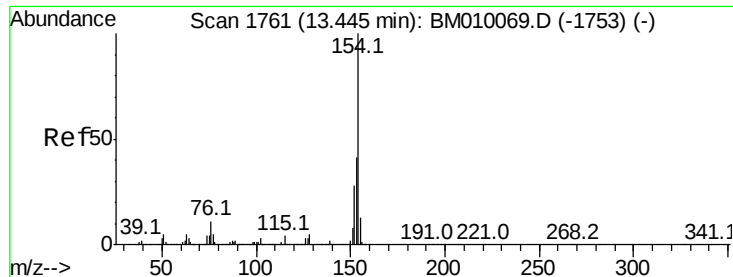
Tot Ion:196 Resp: 364614
Ion Ratio Lower Upper
196 100
198 95.2 79.4 119.0
97 48.0 26.8 40.2#
132 21.8 18.6 28.0



#44
2-Fluorobiphenyl
Concen: 107.55 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

Tgt Ion:172 Resp: 2440210
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.2 18.8 28.2





#45

1,1'-Biphenyl

Concen: 48.51 ng

RT: 13.42 min Scan# 1756

Delta R.T. -0.03 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

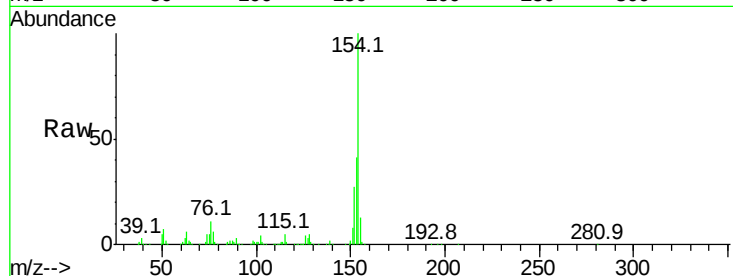
Tot Ion:154 Resp: 1163601

Ion Ratio Lower Upper

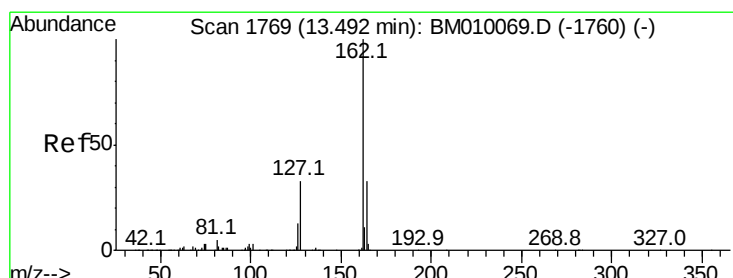
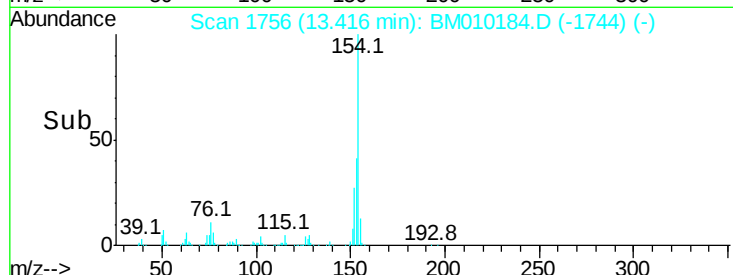
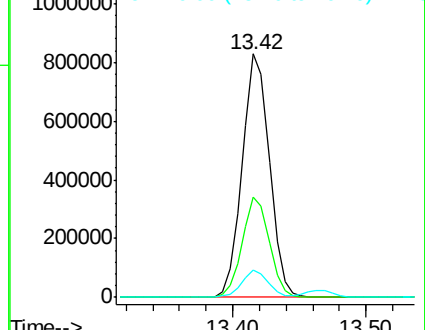
154 100

153 40.9 20.7 60.7

76 11.0 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 47.30 ng

RT: 13.46 min Scan# 1764

Delta R.T. -0.03 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

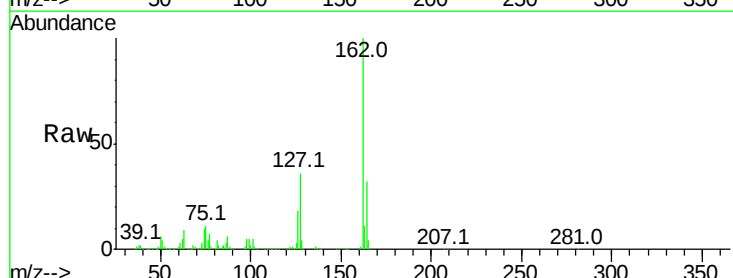
Tgt Ion:162 Resp: 918516

Ion Ratio Lower Upper

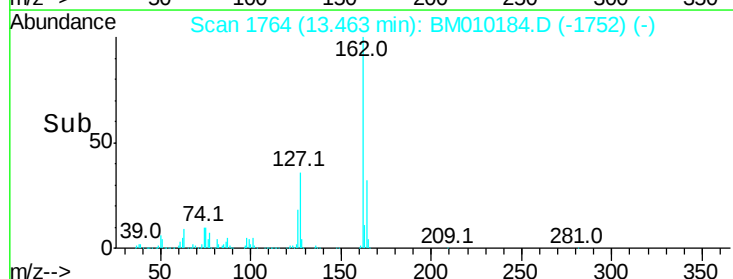
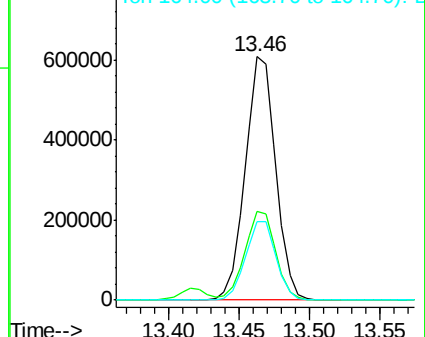
162 100

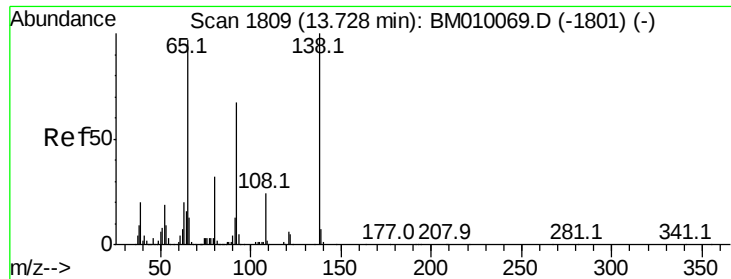
127 36.4 26.9 40.3

164 32.2 26.8 40.2



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

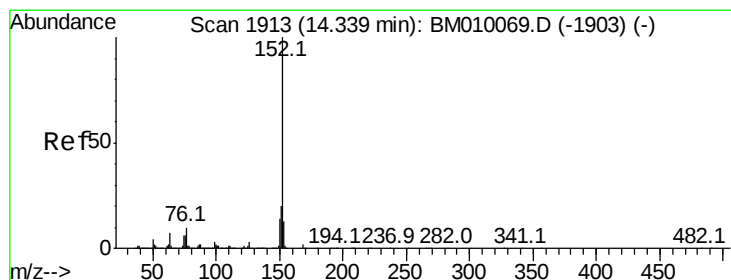
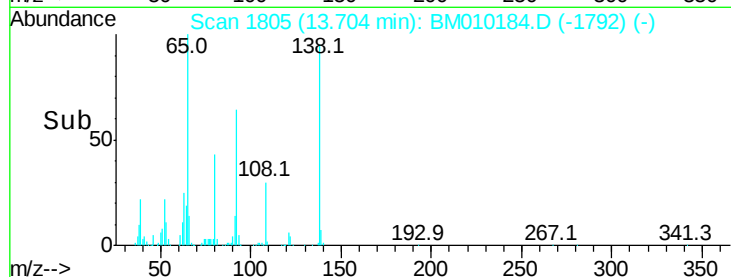
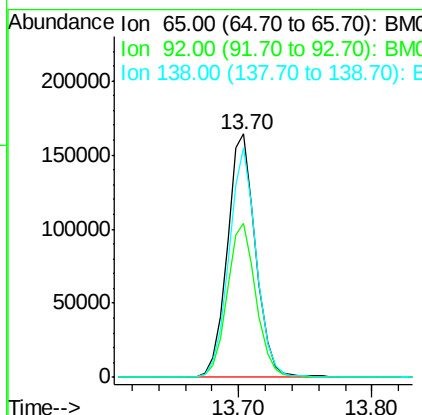
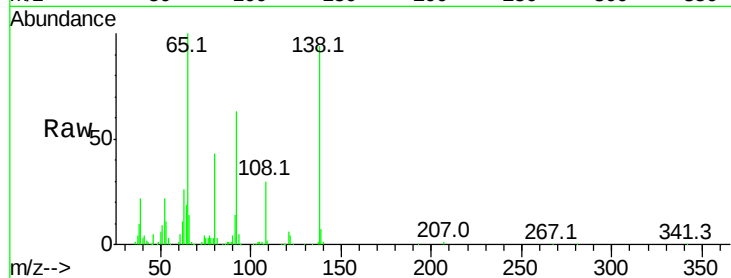




#47
2-Nitroaniline
Concen: 48.67 ng
RT: 13.70 min Scan# 1805
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

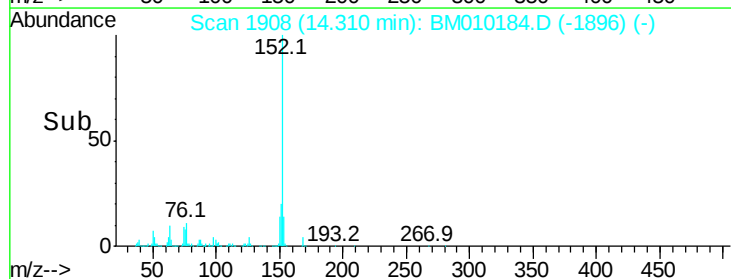
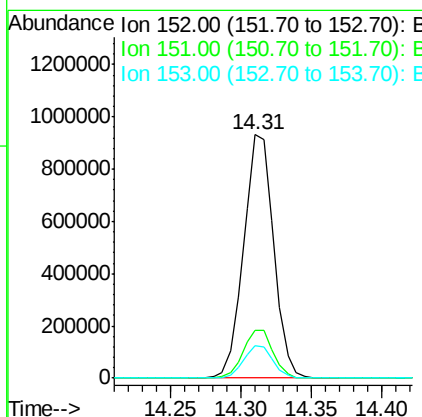
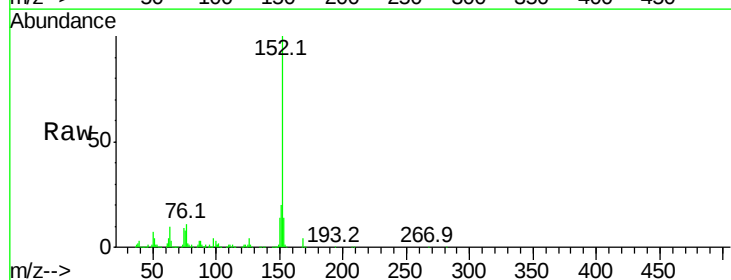
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MS

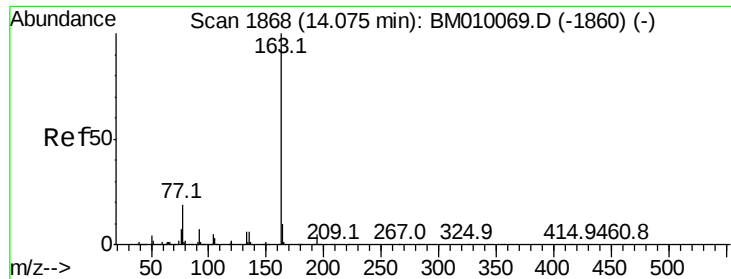
Tot Ion: 65 Resp: 243054
Ion Ratio Lower Upper
65 100
92 63.5 59.1 88.7
138 94.4 93.9 140.9



#48
Acenaphthylene
Concen: 48.28 ng
RT: 14.31 min Scan# 1908
Delta R.T. -0.03 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

Tgt Ion: 152 Resp: 1386415
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.5 10.6 16.0





#49

Dimethylphthalate

Concen: 43.42 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

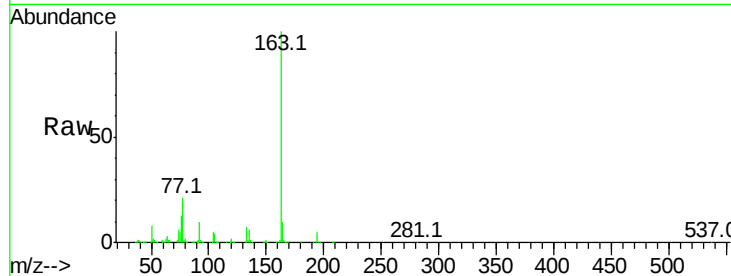
Tot Ion:163 Resp: 1129836

Ion Ratio Lower Upper

163 100

194 4.7 2.7 4.1#

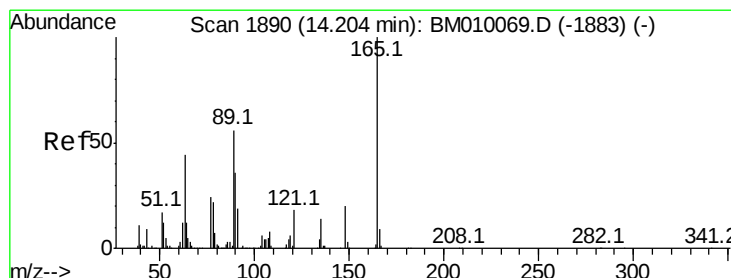
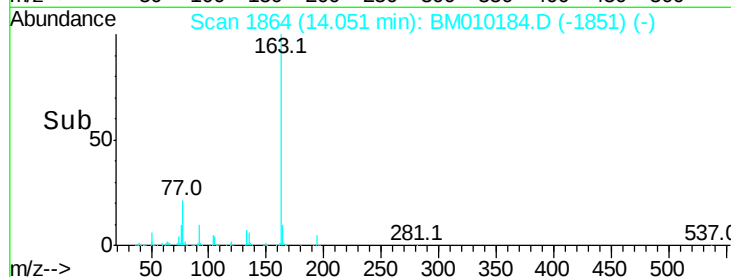
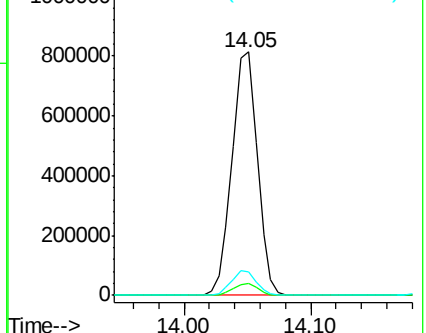
164 9.6 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 47.72 ng

RT: 14.18 min Scan# 1886

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

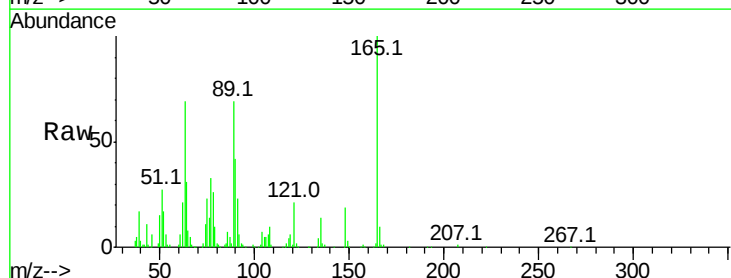
Tgt Ion:165 Resp: 235780

Ion Ratio Lower Upper

165 100

63 69.1 44.1 66.1#

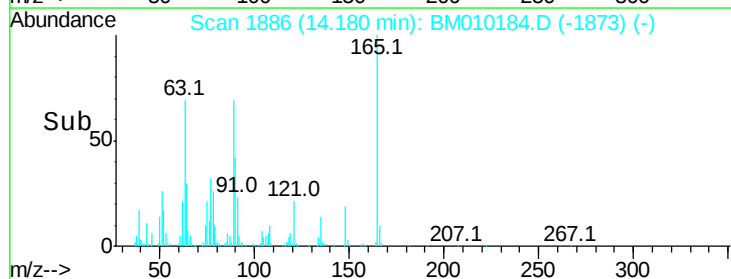
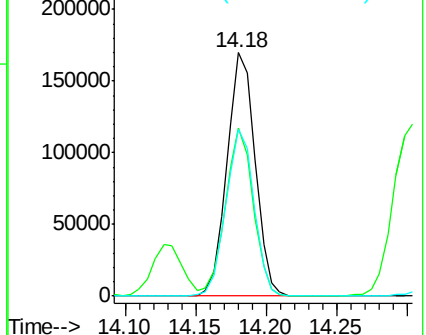
89 68.6 44.3 66.5#

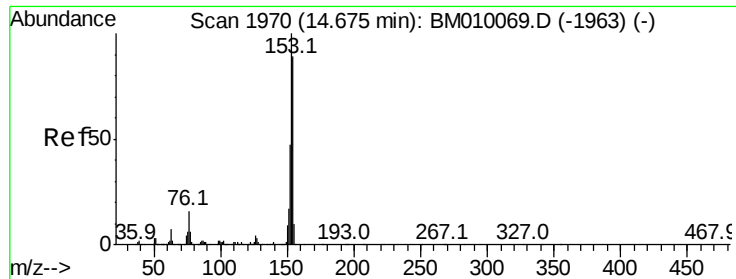


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 47.31 ng

RT: 14.64 min Scan# 1965

Delta R.T. -0.03 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

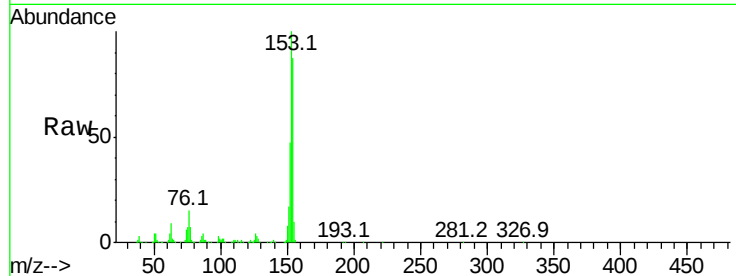
Tot Ion:154 Resp: 844541

Ion Ratio Lower Upper

154 100

153 115.0 90.0 135.0

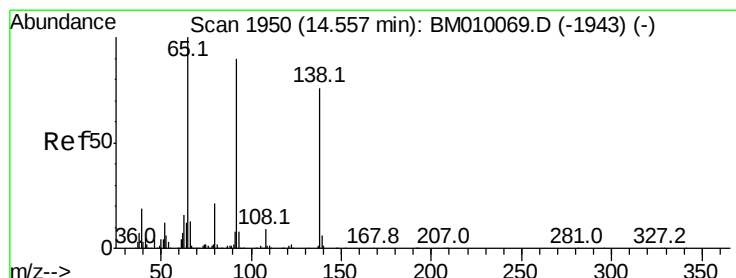
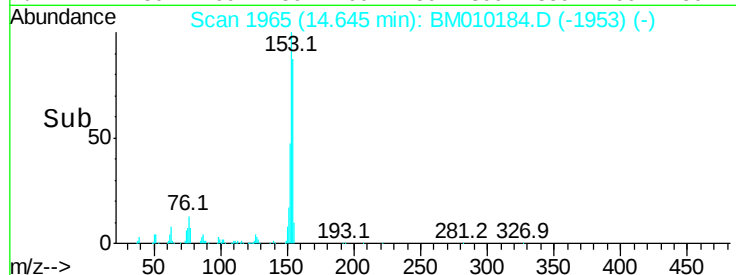
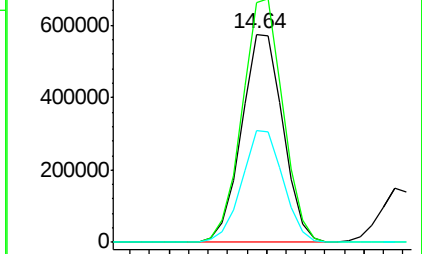
152 53.9 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.32 ng

RT: 14.53 min Scan# 1945

Delta R.T. -0.03 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

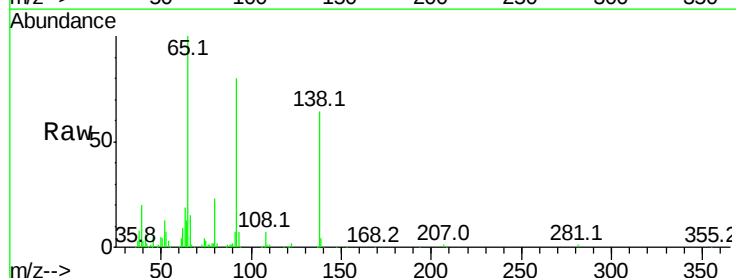
Tgt Ion:138 Resp: 130023

Ion Ratio Lower Upper

138 100

108 11.2 7.3 10.9#

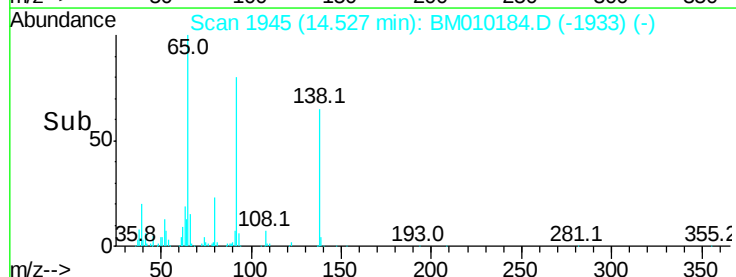
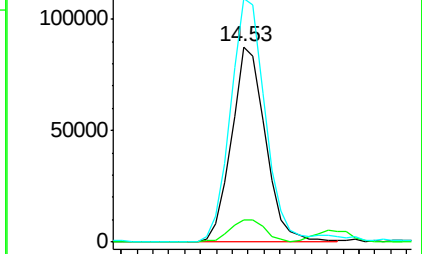
92 124.7 76.6 114.8#

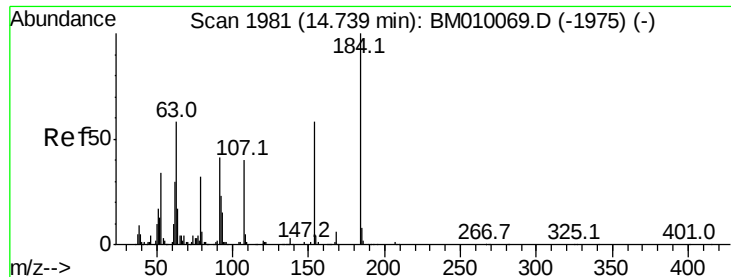


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

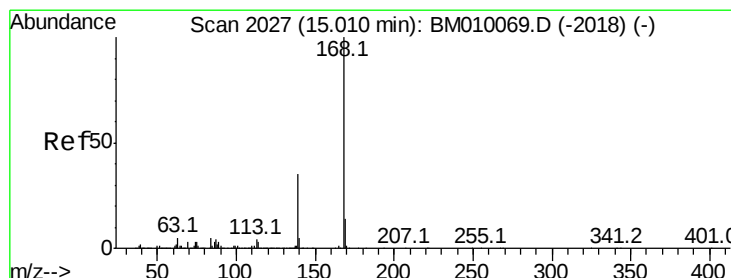
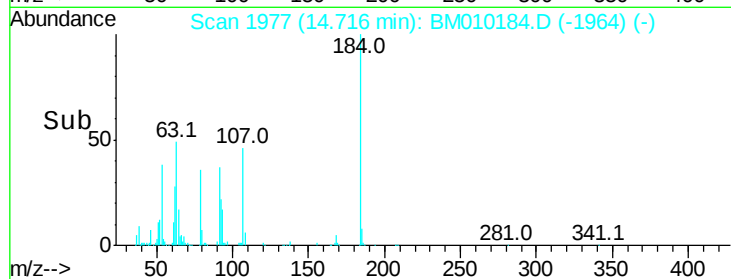
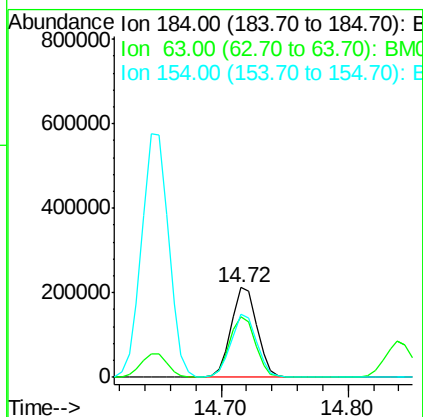
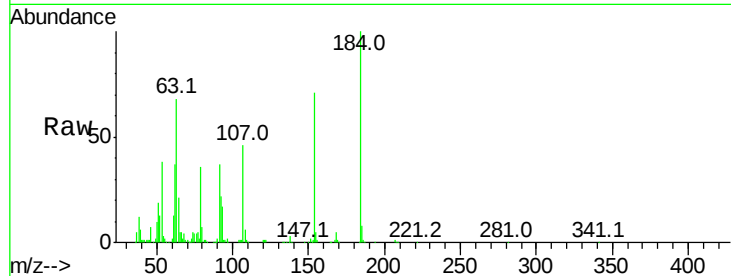




#53
 2,4-Dinitrophenol
 Concen: 90.94 ng
 RT: 14.72 min Scan# 1977
 Delta R.T. -0.02 min
 Lab File: BM010184.D
 Acq: 24 May 2017 17:14

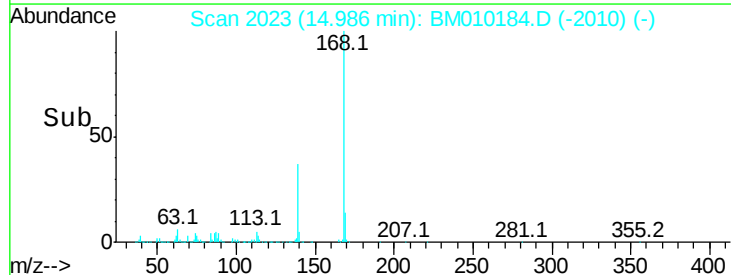
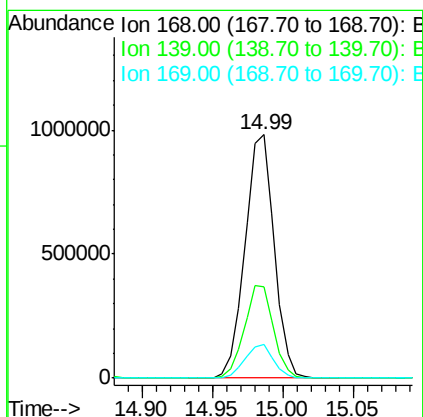
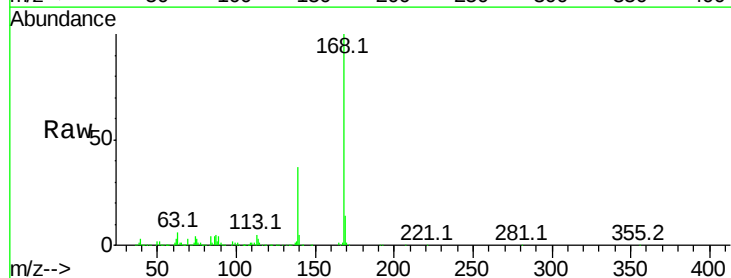
Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4MS

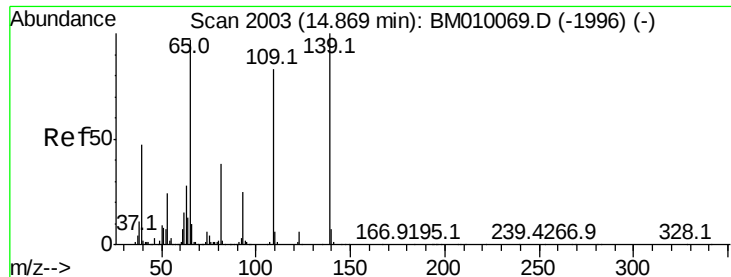
Tot Ion:184 Resp: 301598
 Ion Ratio Lower Upper
 184 100
 63 68.1 69.2 103.8#
 154 71.0 53.3 79.9



#54
 Dibenzofuran
 Concen: 50.56 ng
 RT: 14.99 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BM010184.D
 Acq: 24 May 2017 17:14

Tgt Ion:168 Resp: 1419247
 Ion Ratio Lower Upper
 168 100
 139 37.2 27.3 40.9
 169 13.8 10.6 16.0

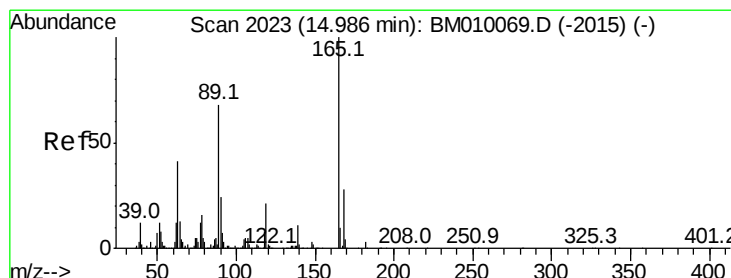
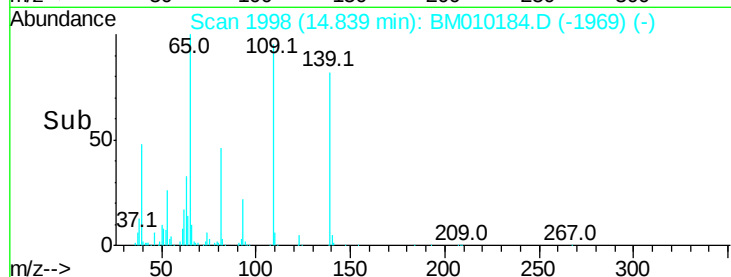
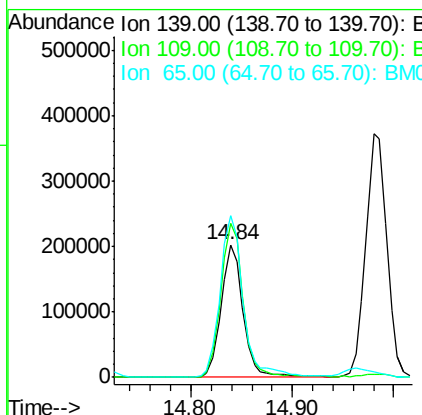
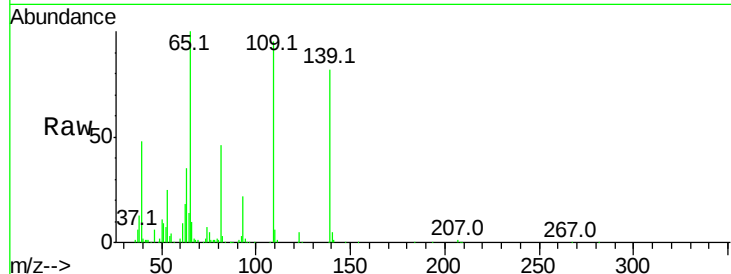




#55
4-Nitrophenol
Concen: 83.02 ng
RT: 14.84 min Scan# 1998
Delta R.T. -0.03 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

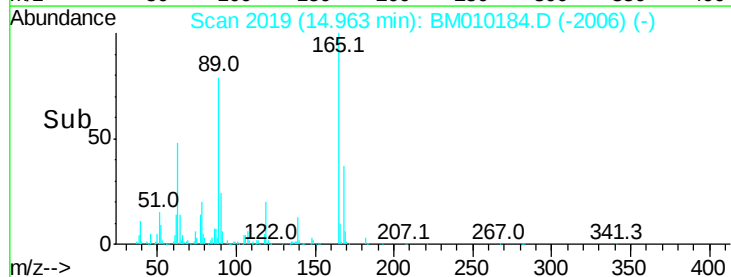
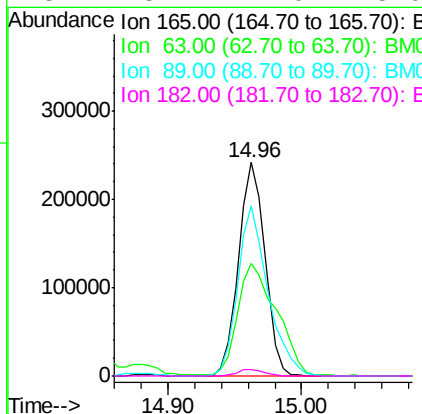
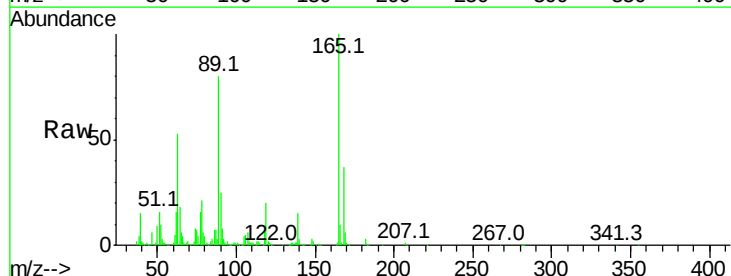
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MS

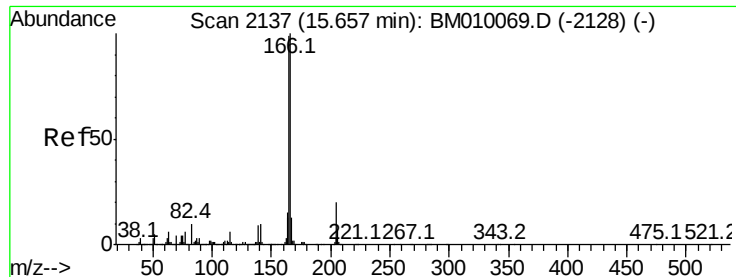
Tot Ion	Ratio	Lower	Upper
139	100		
109	115.8	37.7	77.7#
65	121.7	49.9	89.9#



#56
2,4-Dinitrotoluene
Concen: 47.50 ng
RT: 14.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.7	52.4	78.6
89	80.0	72.4	108.6
182	3.2	2.0	3.0#





#57

Fluorene

Concen: 46.95 ng

RT: 15.63 min Scan# 2132

Delta R.T. -0.03 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

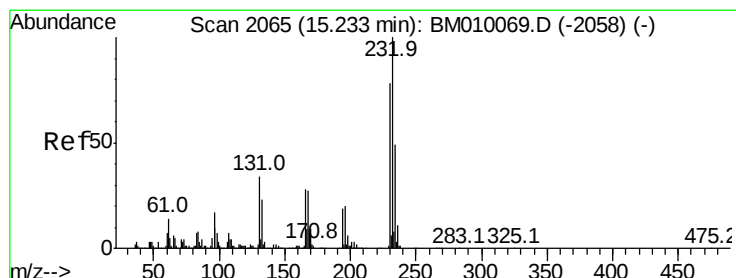
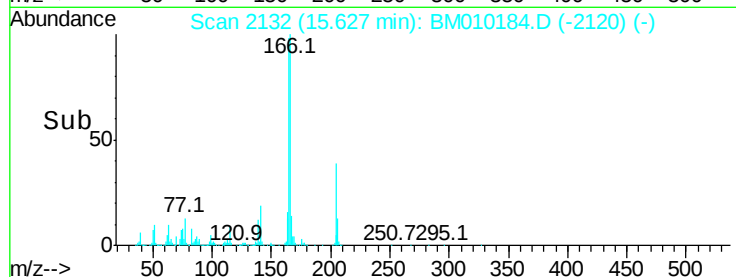
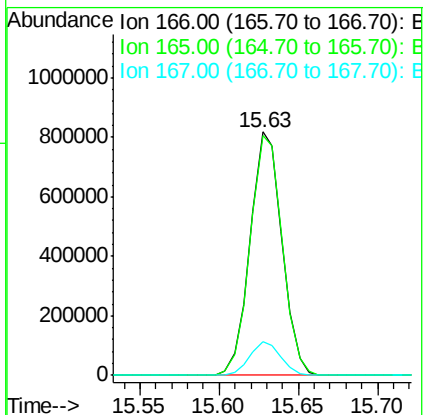
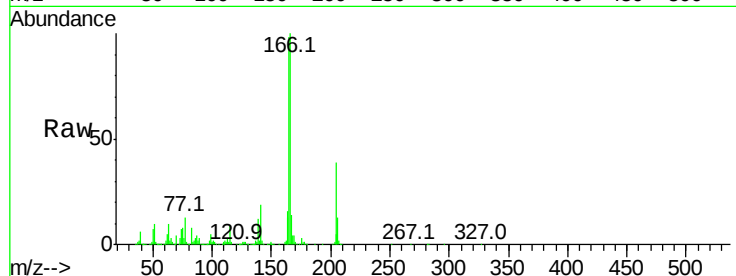
BNA_M

ClientSampleId :

TP-3-TP-4MS

Tot Ion:166 Resp: 1146098

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.0	118.4
167	13.6	10.3	15.5



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.77 ng

RT: 15.21 min Scan# 2061

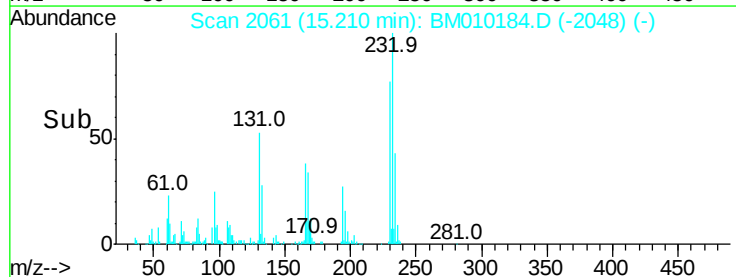
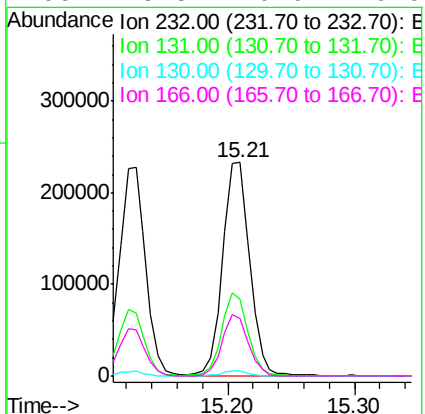
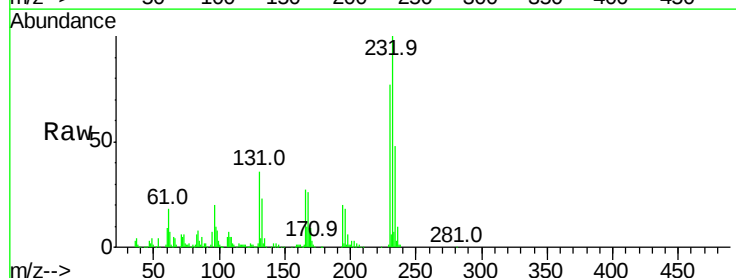
Delta R.T. -0.02 min

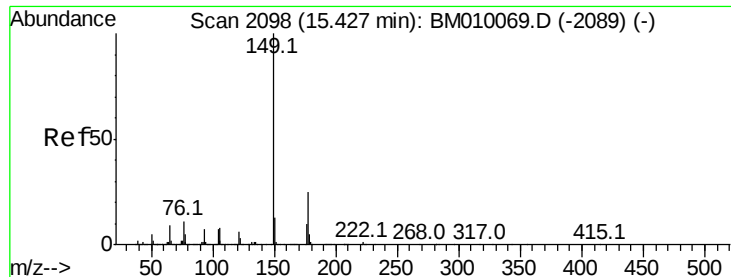
Lab File: BM010184.D

Acq: 24 May 2017 17:14

Tgt Ion:232 Resp: 340559

Ion	Ratio	Lower	Upper
232	100		
131	38.0	0.0	0.0#
130	2.4	0.0	0.0#
166	28.5	0.0	0.0#

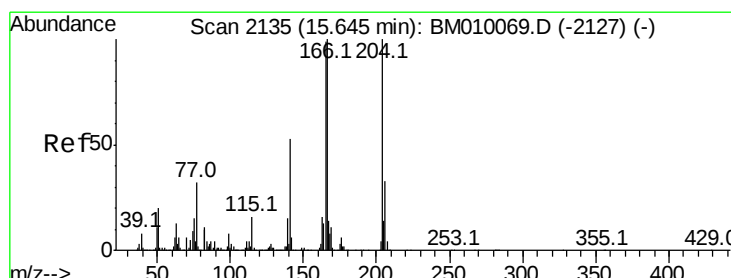
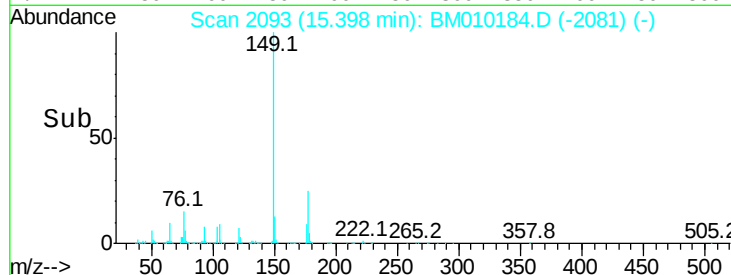
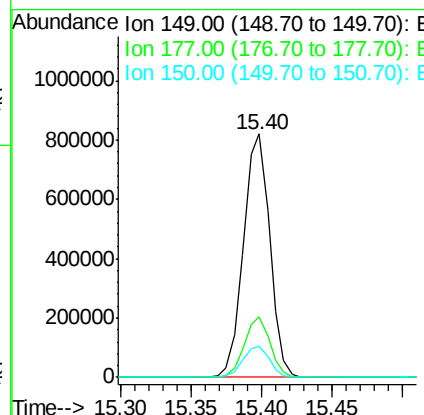
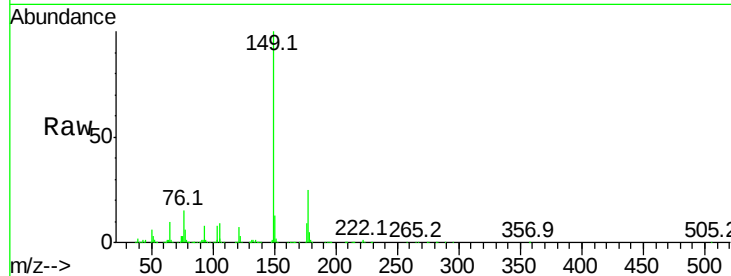




#59
Diethylphthalate
Concen: 43.34 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.03 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

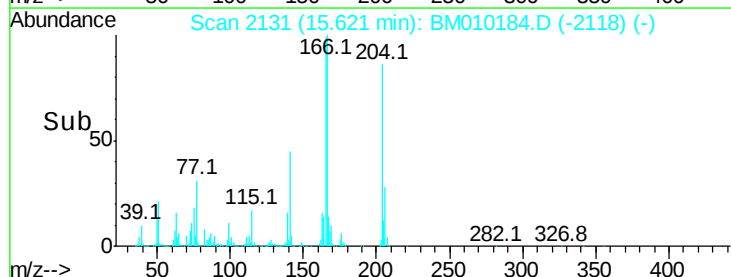
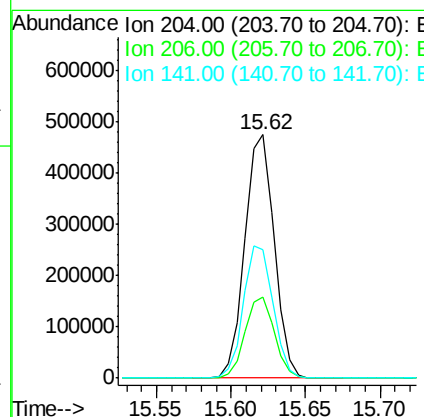
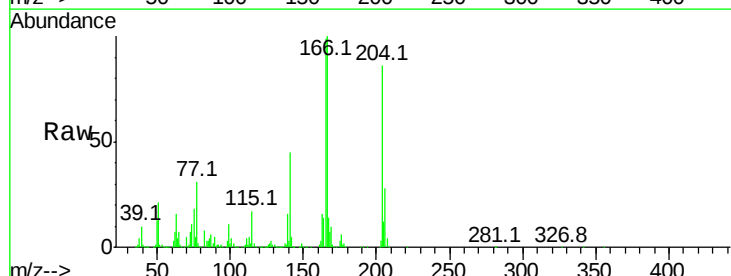
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MS

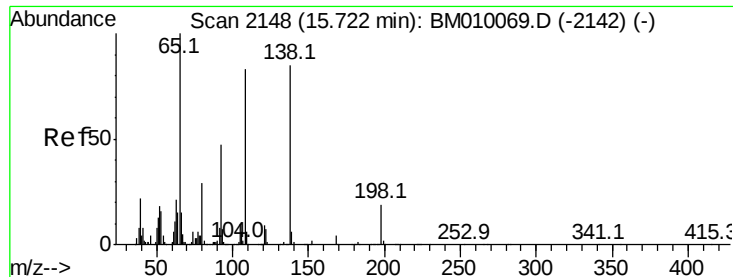
Tot Ion:149 Resp: 1066100
Ion Ratio Lower Upper
149 100
177 24.8 18.3 27.5
150 12.6 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 47.20 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

Tgt Ion:204 Resp: 646951
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 52.6 45.2 67.8

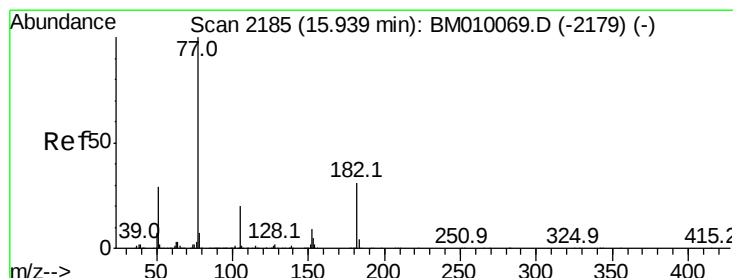
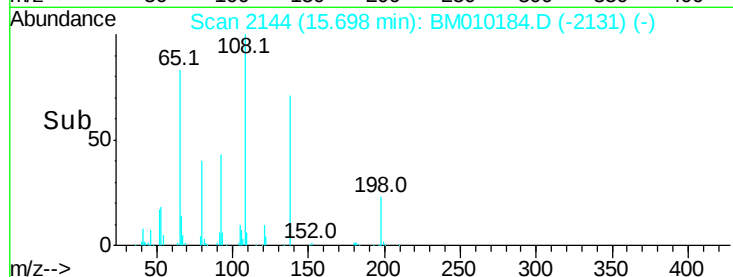
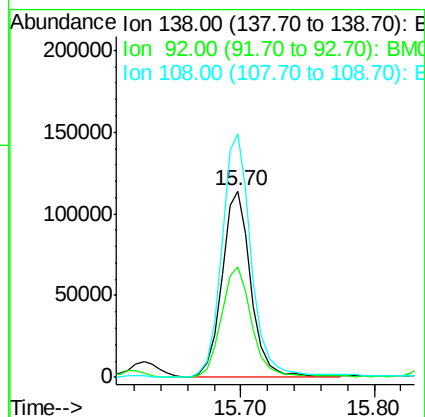
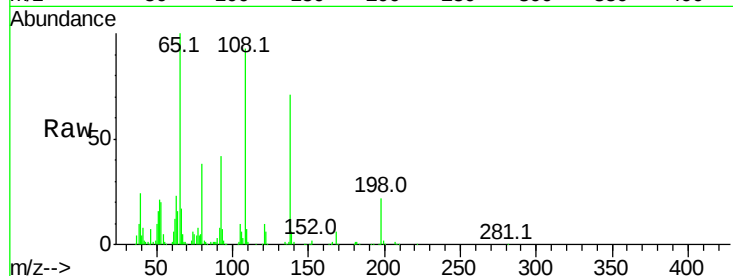




#61
4-Nitroaniline
Concen: 37.44 ng
RT: 15.70 min Scan# 2144
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

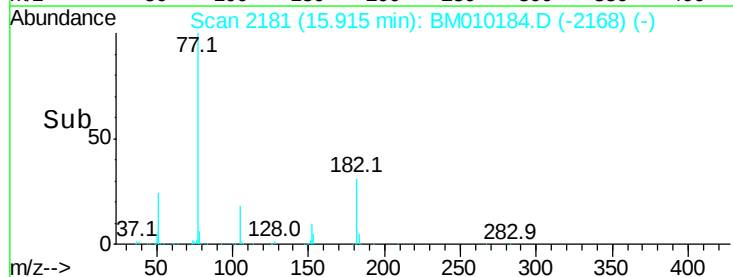
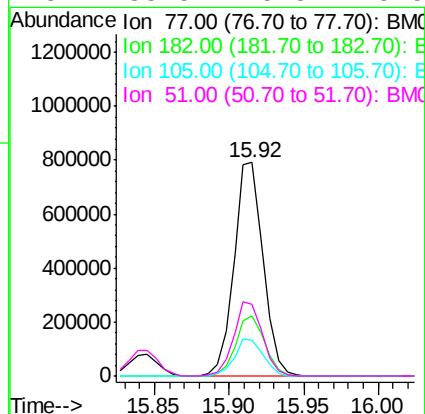
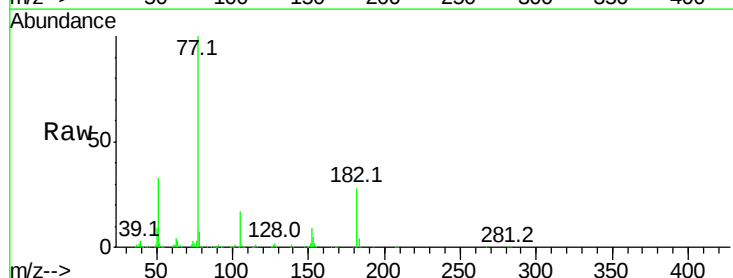
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MS

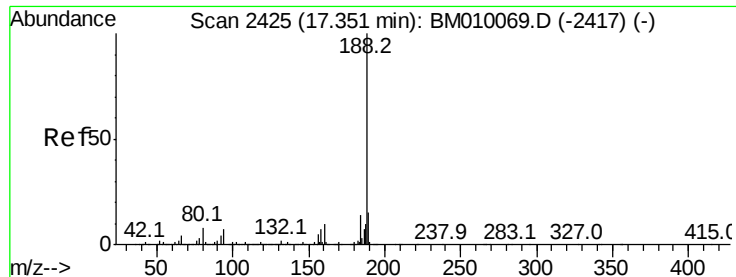
Tot Ion:138 Resp: 174538
Ion Ratio Lower Upper
138 100
92 59.4 16.7 56.7#
108 130.7 37.6 77.6#



#62
Azobenzene
Concen: 59.41 ng
RT: 15.92 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

Tgt Ion: 77 Resp: 1074651
Ion Ratio Lower Upper
77 100
182 28.1 6.5 46.5
105 16.5 3.8 43.8
51 33.5 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

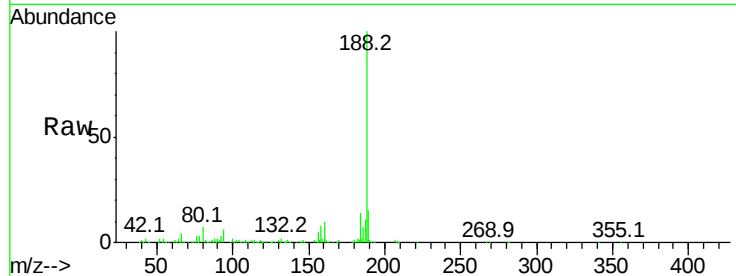
Tot Ion:188 Resp: 672259

Ion Ratio Lower Upper

188 100

94 5.6 8.7 13.1#

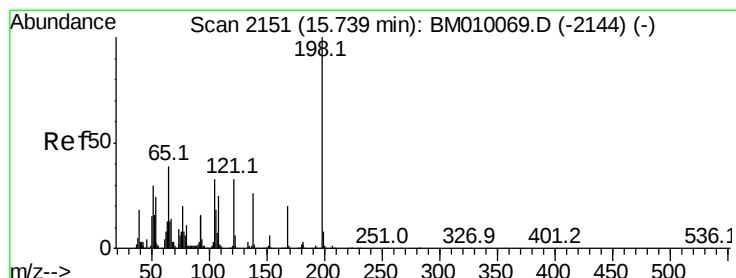
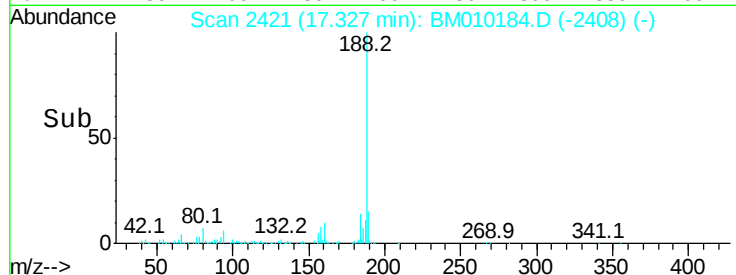
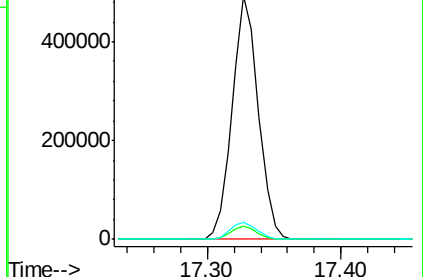
80 7.2 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 48.38 ng

RT: 15.72 min Scan# 2147

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

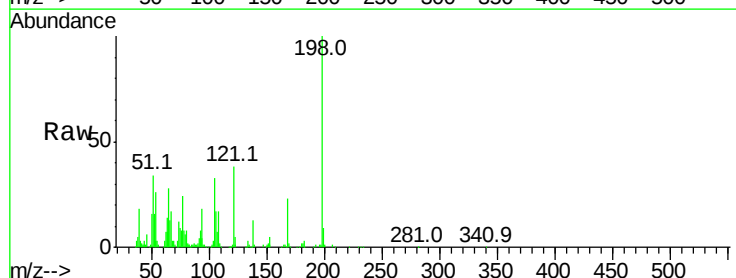
Tgt Ion:198 Resp: 198695

Ion Ratio Lower Upper

198 100

51 34.2 28.8 68.8

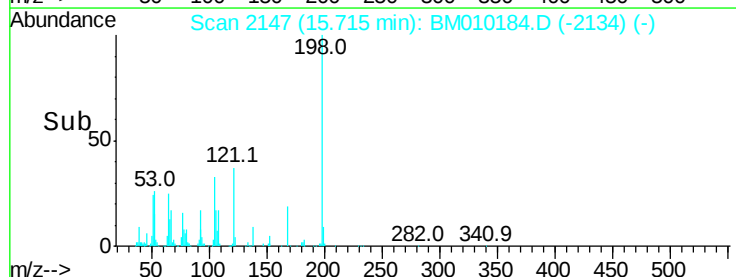
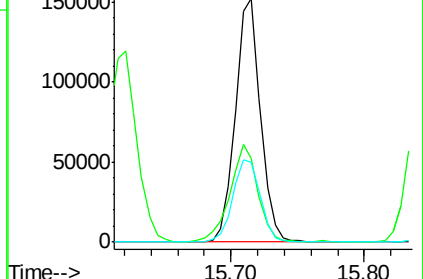
105 32.8 30.5 70.5

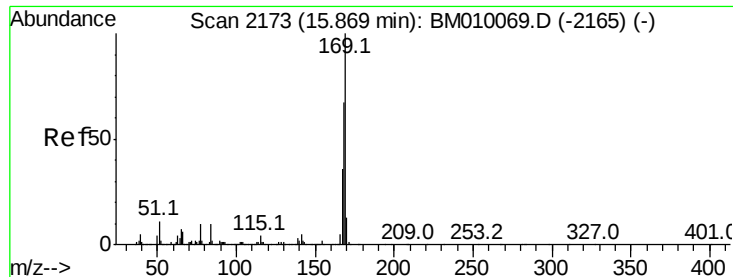


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.67 ng

RT: 15.84 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

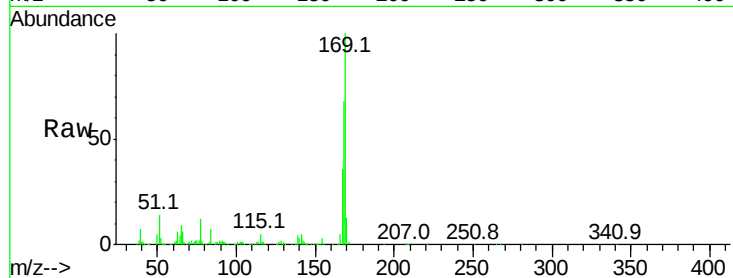
Tot Ion:169 Resp: 920201

Ion Ratio Lower Upper

169 100

168 67.7 53.9 80.9

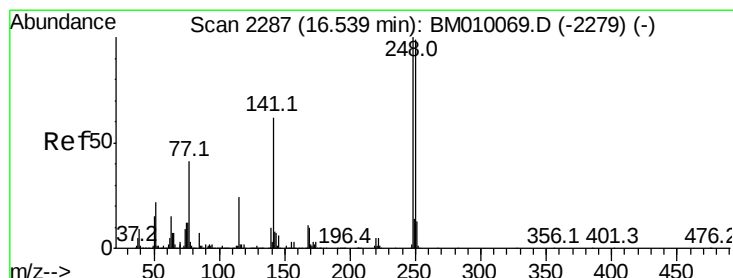
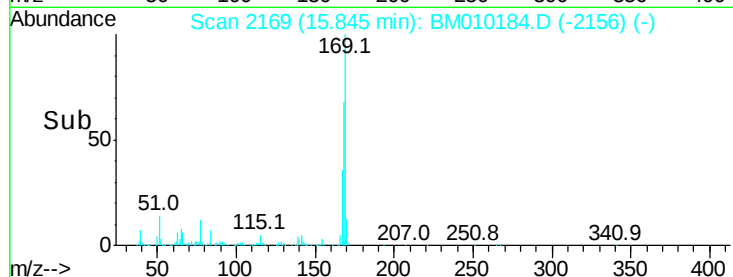
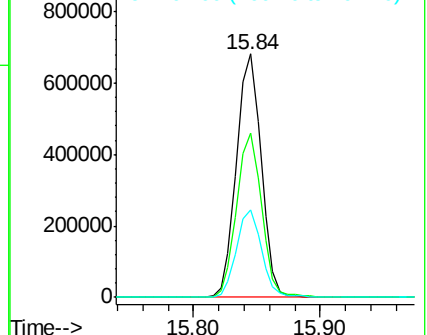
167 36.0 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.16 ng

RT: 16.52 min Scan# 2283

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

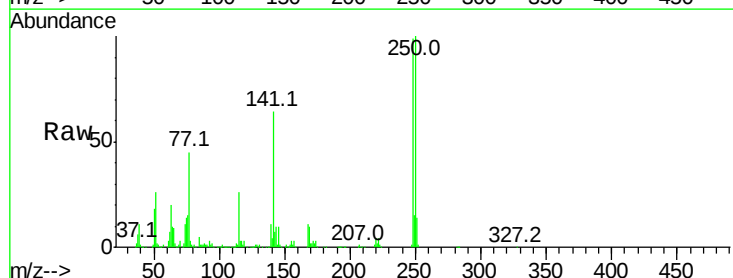
Tgt Ion:248 Resp: 423093

Ion Ratio Lower Upper

248 100

250 101.1 77.4 116.0

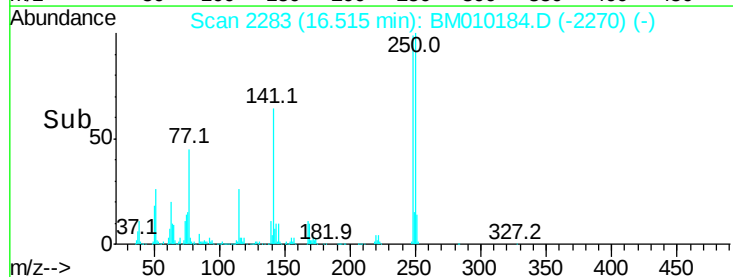
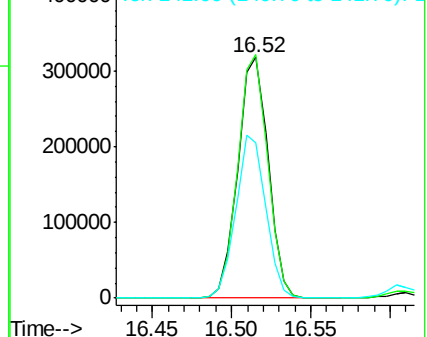
141 64.3 45.2 67.8

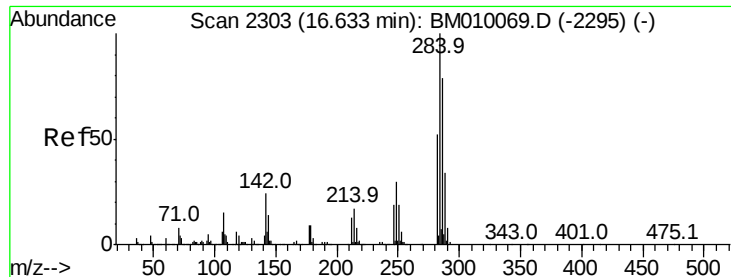


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

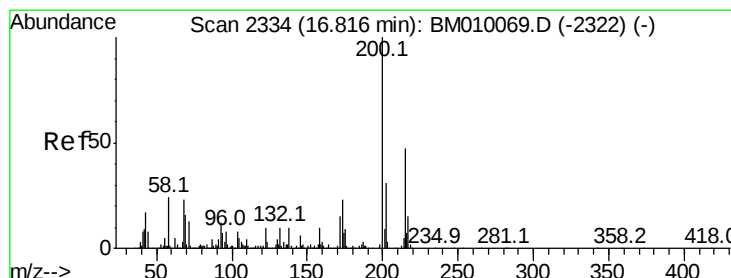
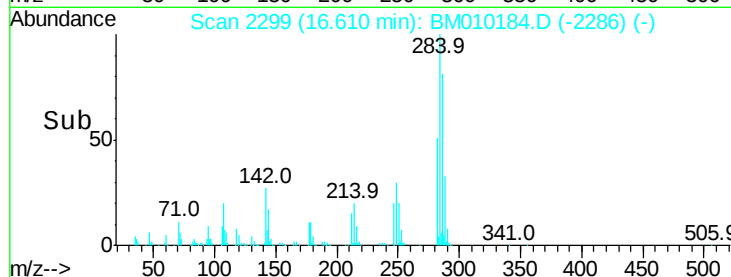
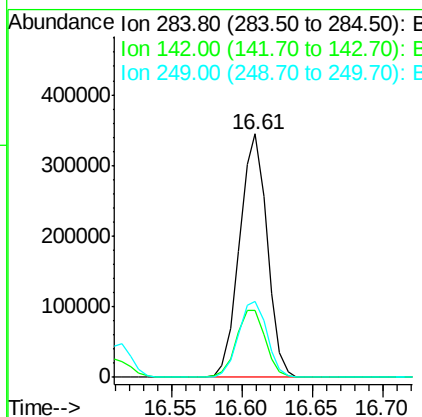
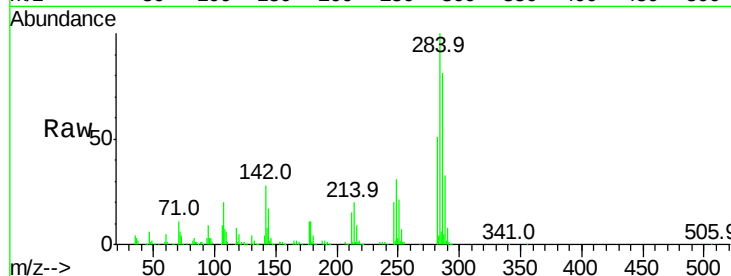




#67
Hexachlorobenzene
Concen: 45.00 ng
RT: 16.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

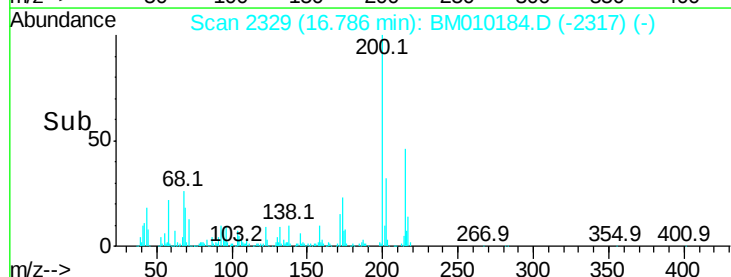
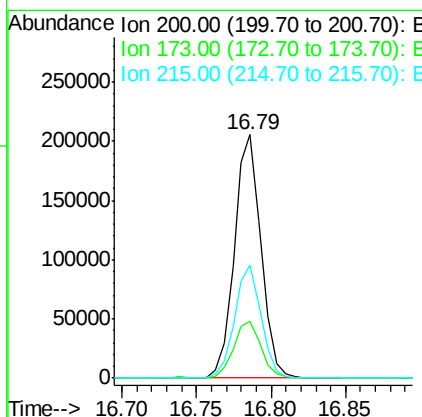
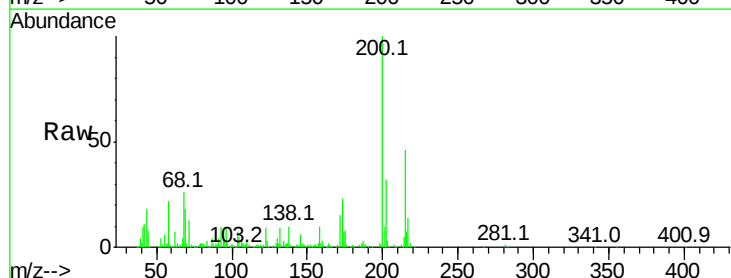
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MS

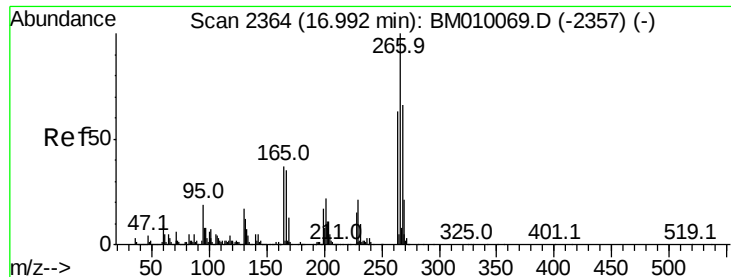
Tot Ion	Ratio	Lower	Upper
284	100		
142	27.7	20.4	30.6
249	31.3	23.8	35.6



#68
Atrazine
Concen: 33.31 ng
RT: 16.79 min Scan# 2329
Delta R.T. -0.03 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.2	4.8	44.8
215	46.2	26.9	66.9

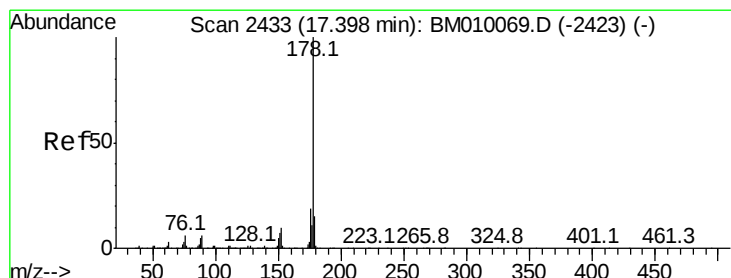
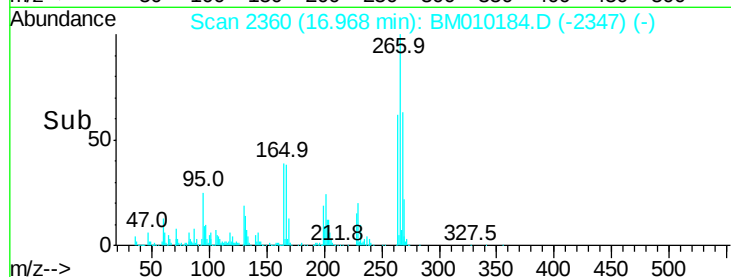
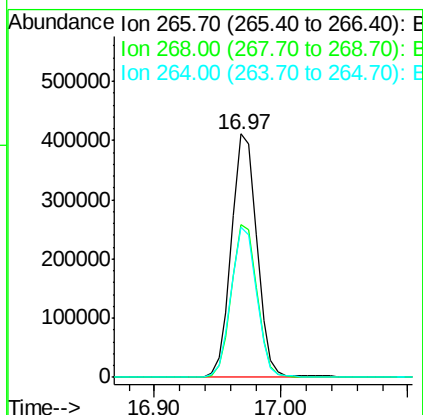
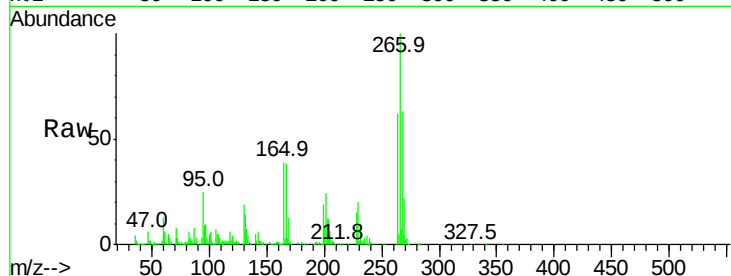




#69
 Pentachlorophenol
 Concen: 99.55 ng
 RT: 16.97 min Scan# 2360
 Delta R.T. -0.02 min
 Lab File: BM010184.D
 Acq: 24 May 2017 17:14

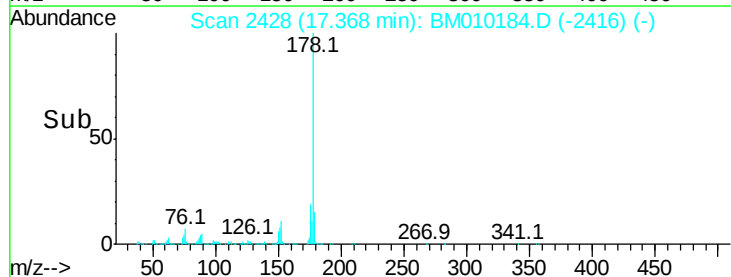
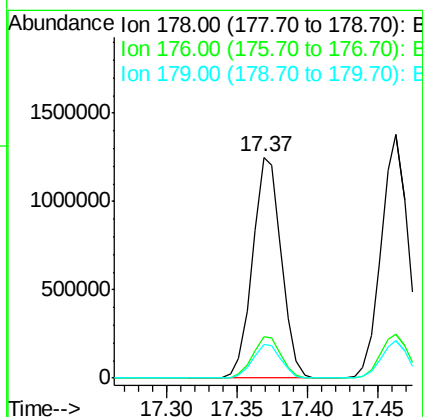
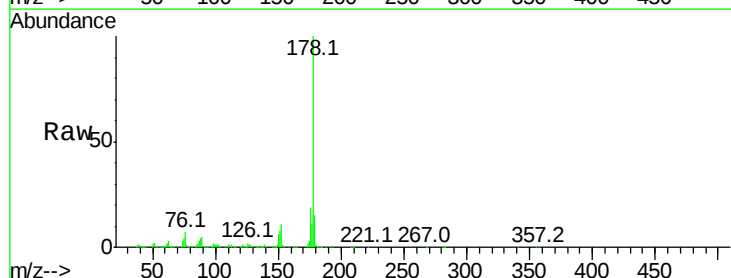
Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4MS

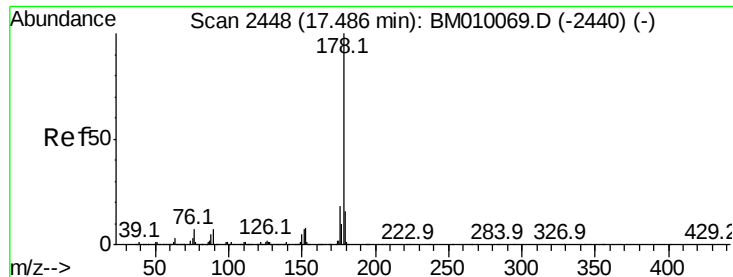
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	52.0	78.0
264	61.9	49.0	73.4



#70
 Phenanthrene
 Concen: 47.56 ng
 RT: 17.37 min Scan# 2428
 Delta R.T. -0.03 min
 Lab File: BM010184.D
 Acq: 24 May 2017 17:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.1	12.1	18.1



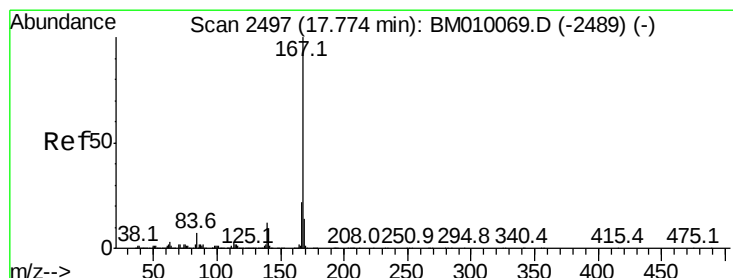
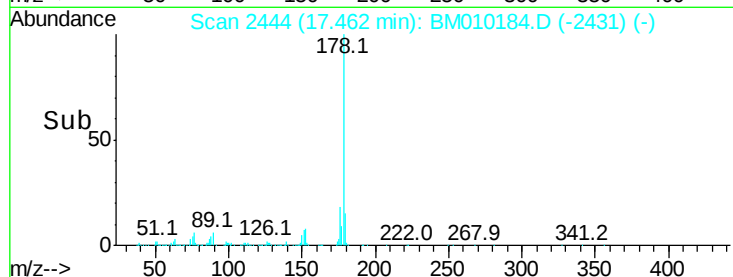
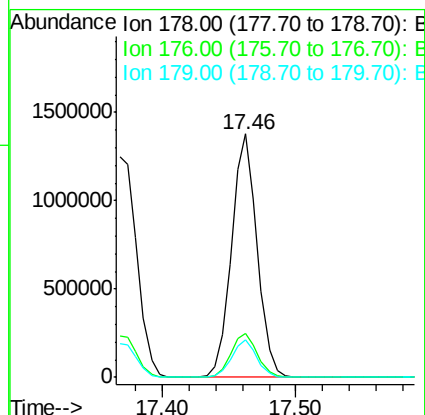
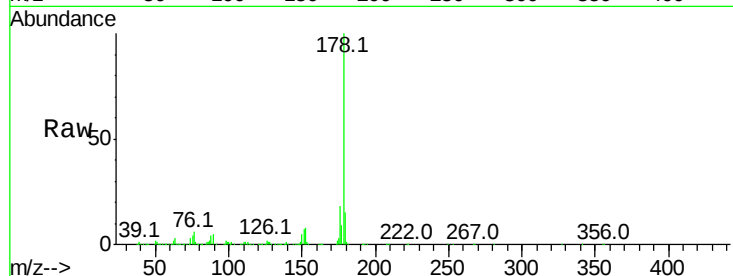


#71
 Anthracene
 Concen: 49.30 ng
 RT: 17.46 min Scan# 2444
 Delta R.T. -0.02 min
 Lab File: BM010184.D
 Acq: 24 May 2017 17:14

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4MS

Tot Ion:178 Resp: 1840027

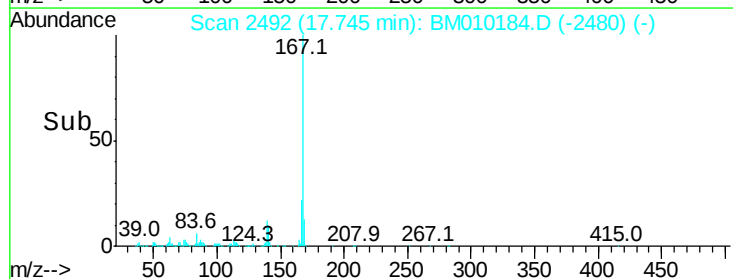
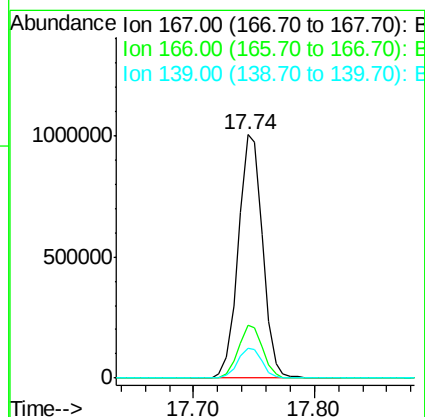
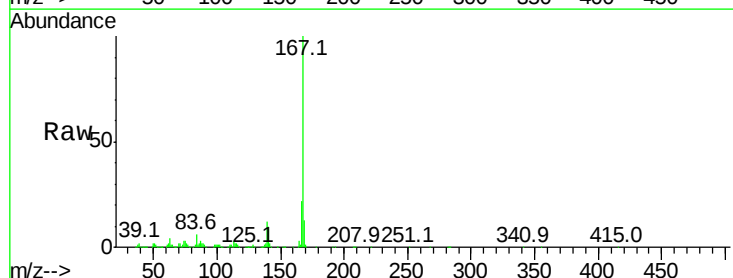
Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.2	12.6	19.0

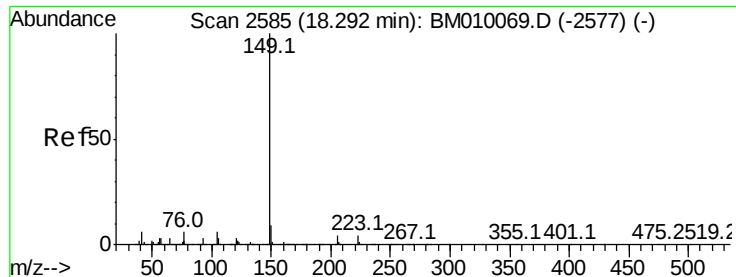


#72
 Carbazole
 Concen: 42.81 ng
 RT: 17.74 min Scan# 2492
 Delta R.T. -0.03 min
 Lab File: BM010184.D
 Acq: 24 May 2017 17:14

Tgt Ion:167 Resp: 1414661

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	12.4	10.8	16.2





#73

Di-n-butylphthalate

Concen: 43.12 ng

RT: 18.27 min Scan# 2581

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

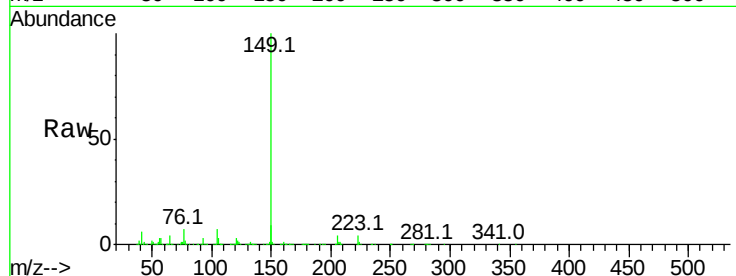
Tot Ion:149 Resp: 1689441

Ion Ratio Lower Upper

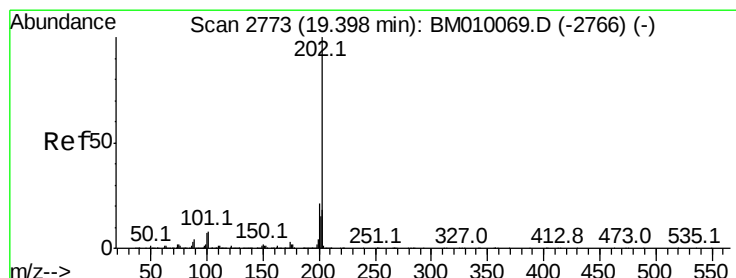
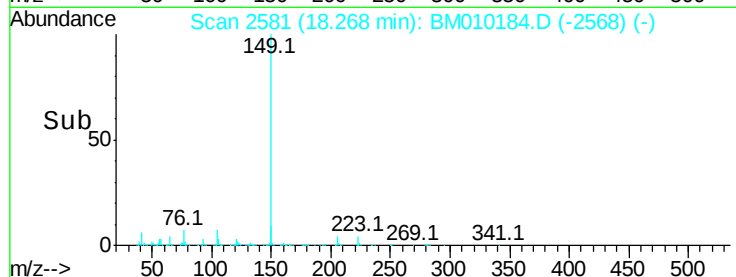
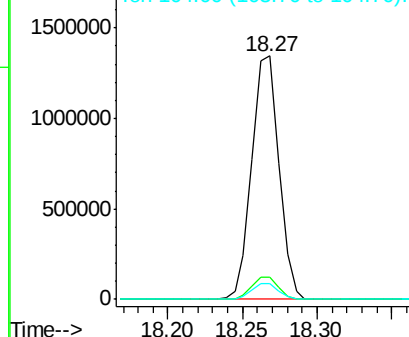
149 100

150 9.2 7.5 11.3

104 6.7 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.89 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

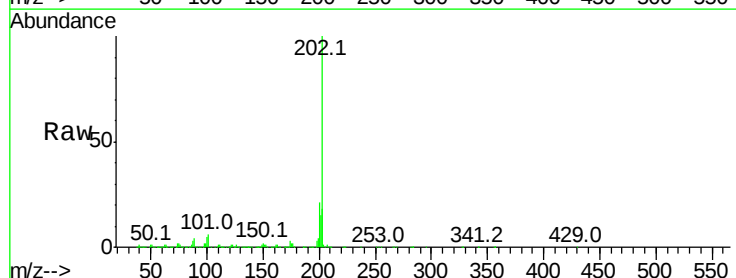
Tgt Ion:202 Resp: 2241195

Ion Ratio Lower Upper

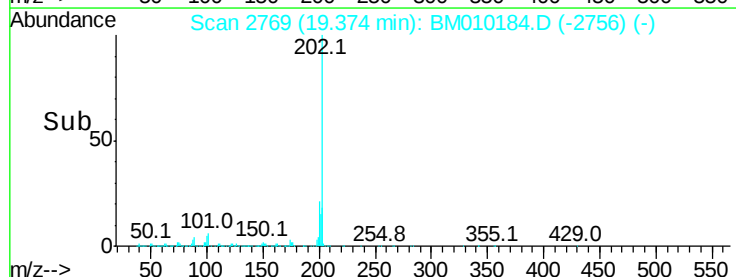
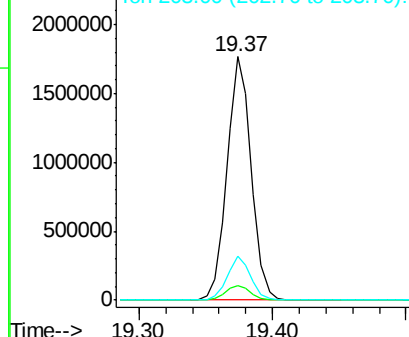
202 100

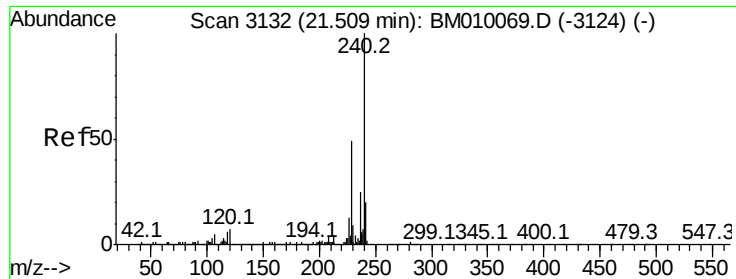
101 6.2 0.0 28.7

203 17.9 0.0 37.2



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

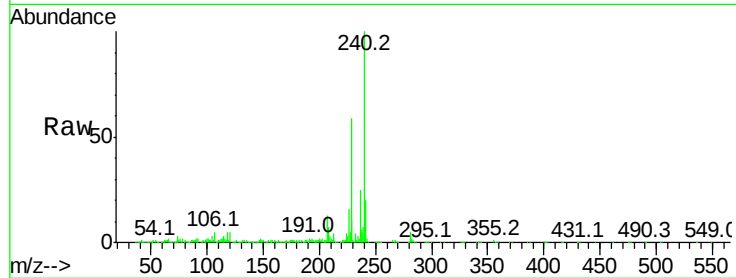
Tot Ion:240 Resp: 1026930

Ion Ratio Lower Upper

240 100

120 5.5 8.2 12.2#

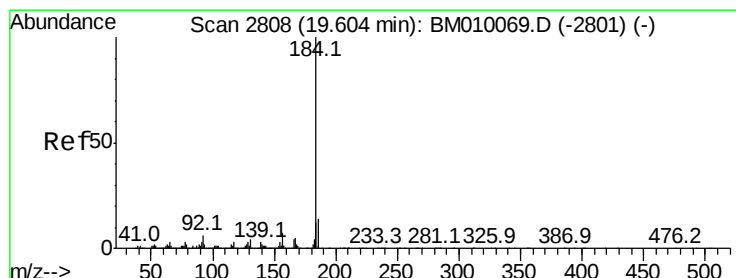
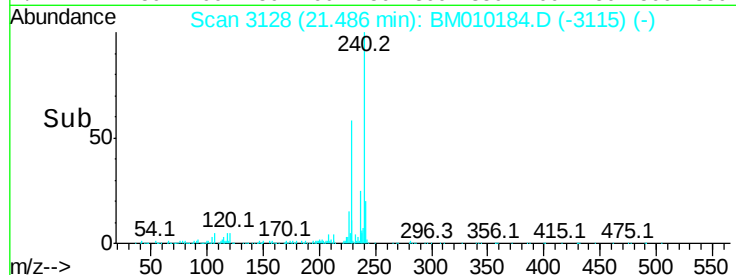
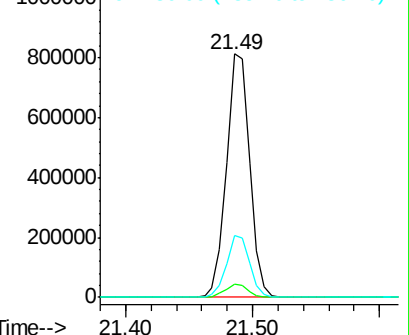
236 25.4 20.0 30.0



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



#76

Benzidine

Concen: 23.34 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

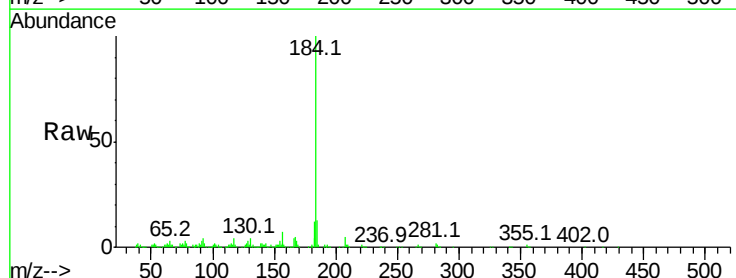
Tgt Ion:184 Resp: 442008

Ion Ratio Lower Upper

184 100

185 13.5 11.3 16.9

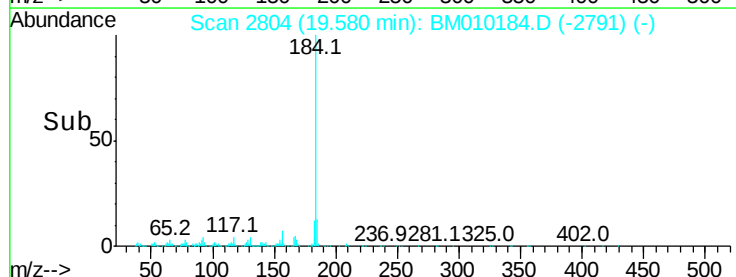
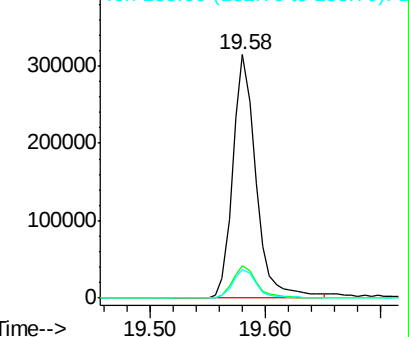
183 11.6 8.9 13.3

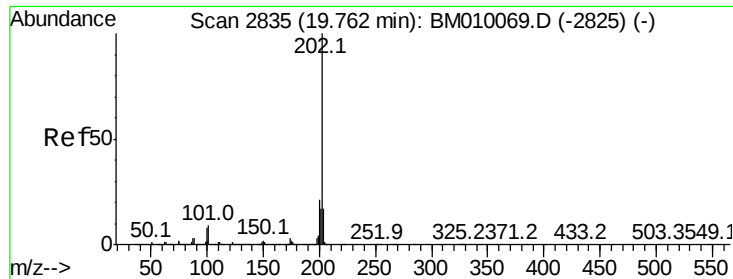


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

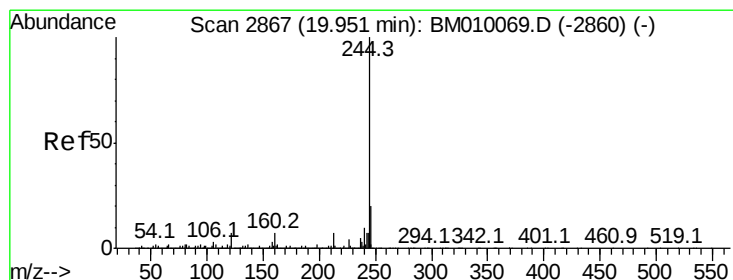
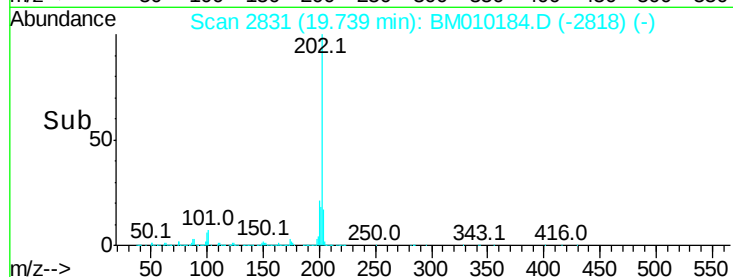
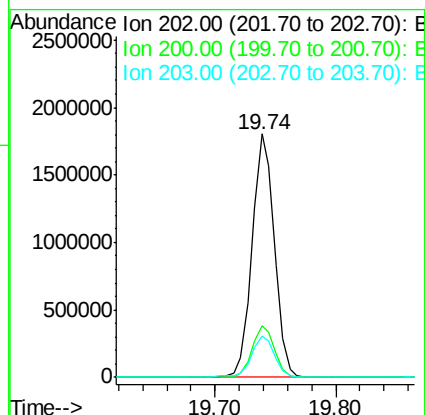
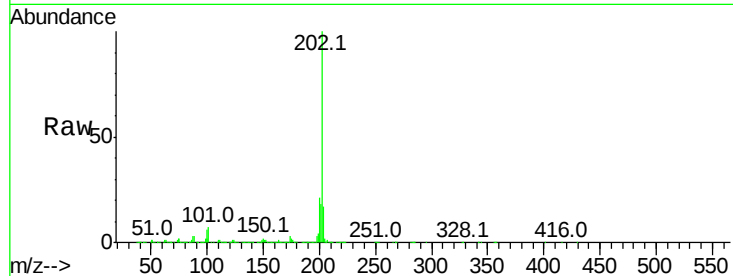




#77
Pvrene
Concen: 42.20 ng
RT: 19.74 min Scan# 2831
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

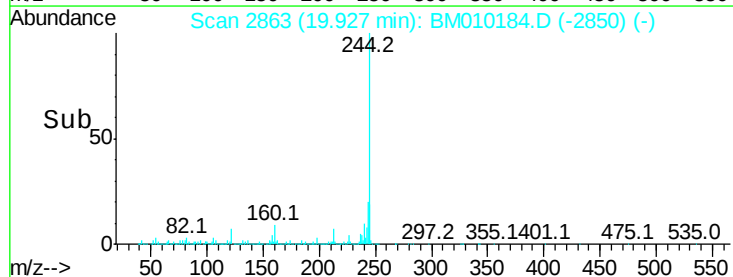
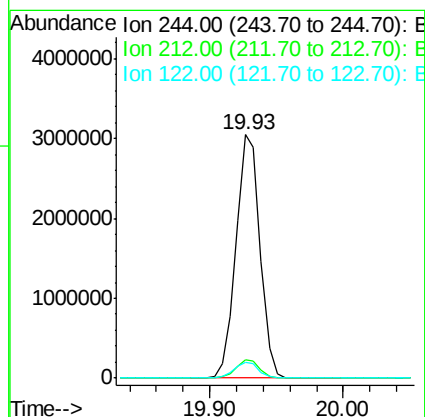
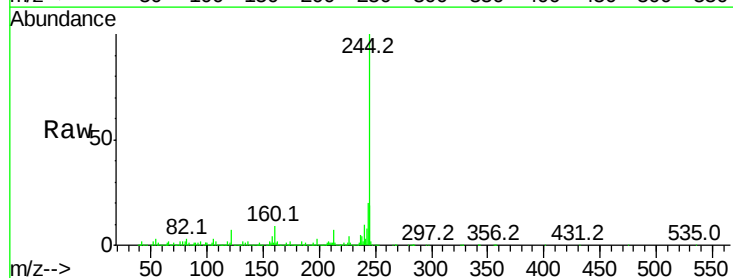
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MS

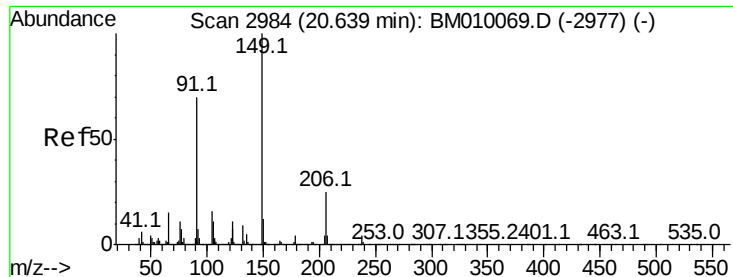
Tot Ion:202 Resp: 2323299
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 16.9 14.1 21.1



#78
Terphenyl-d14
Concen: 84.56 ng
RT: 19.93 min Scan# 2863
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

Tgt Ion:244 Resp: 3818995
Ion Ratio Lower Upper
244 100
212 7.3 4.9 7.3#
122 6.7 6.2 9.4

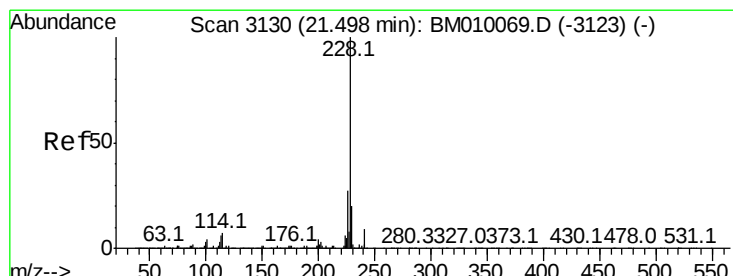
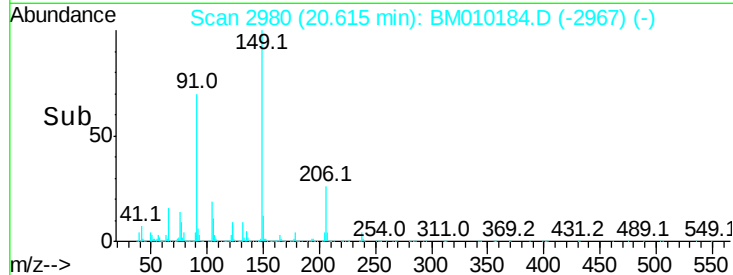
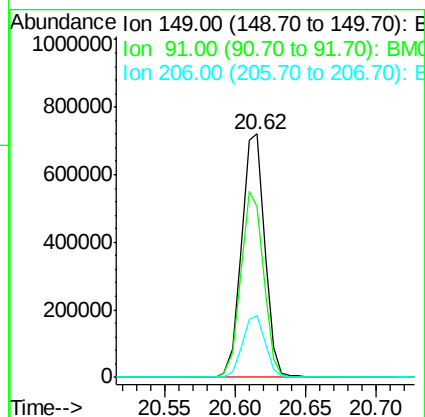
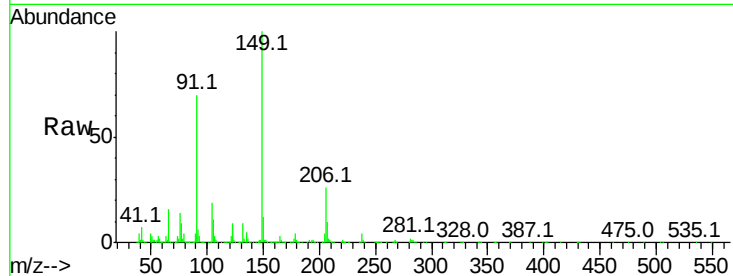




#79
Butylbenzylphthalate
Concen: 40.15 ng
RT: 20.62 min Scan# 2980
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

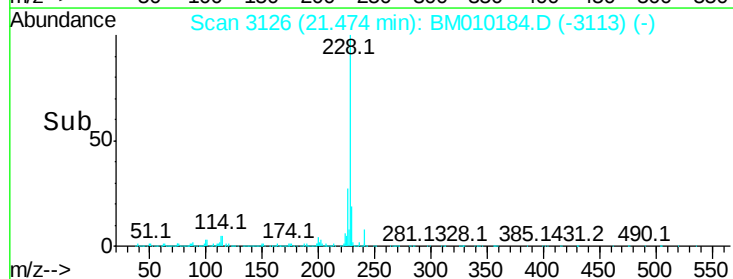
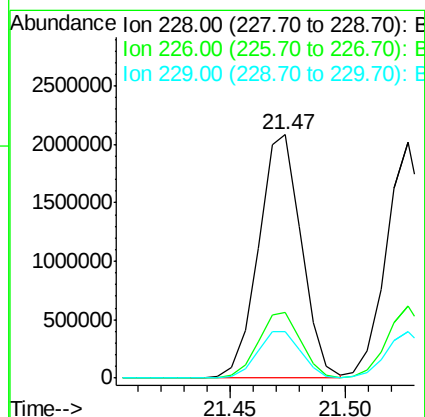
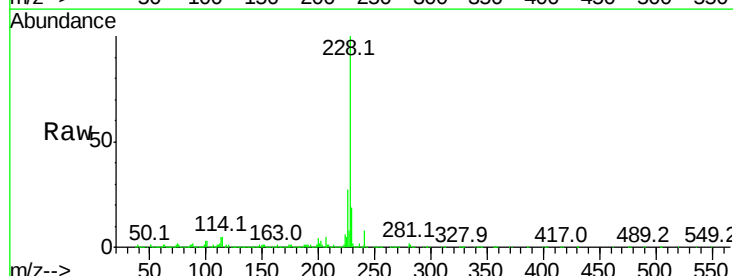
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MS

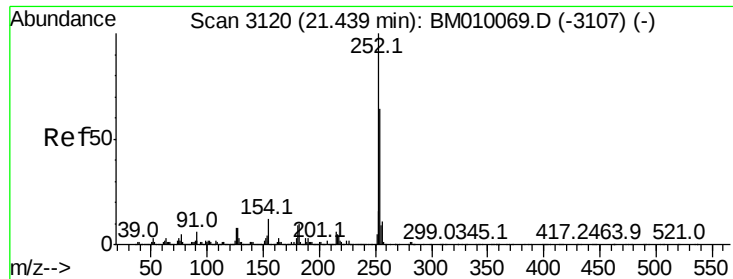
Tot Ion:149 Resp: 818319
Ion Ratio Lower Upper
149 100
91 69.9 50.1 75.1
206 25.5 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 47.39 ng
RT: 21.47 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

Tgt Ion:228 Resp: 2682043
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.2 16.0 24.0

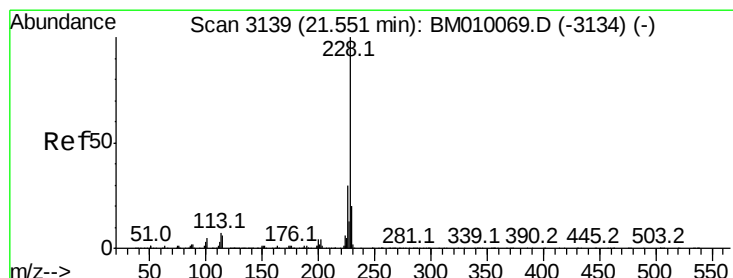
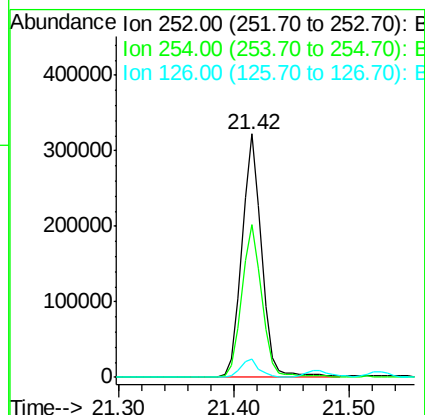
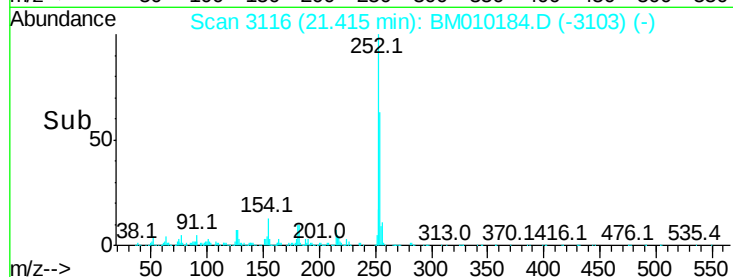
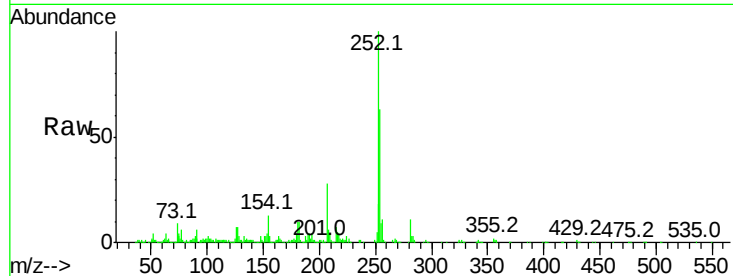




#81
3,3'-Dichlorobenzidine
Concen: 16.60 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

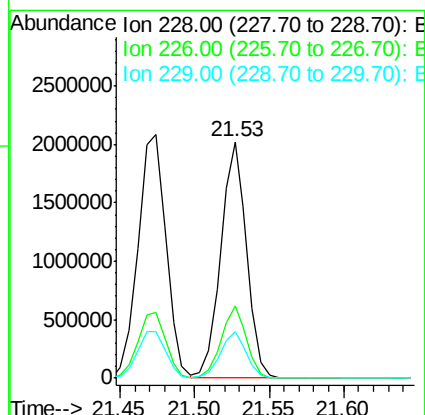
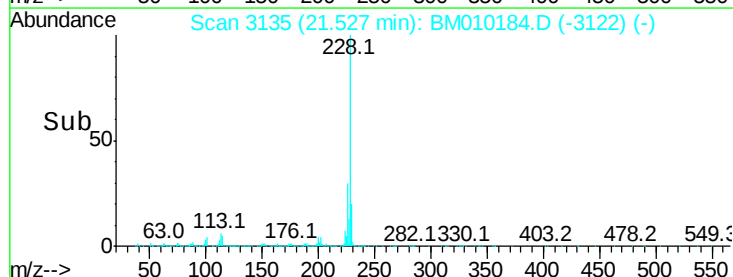
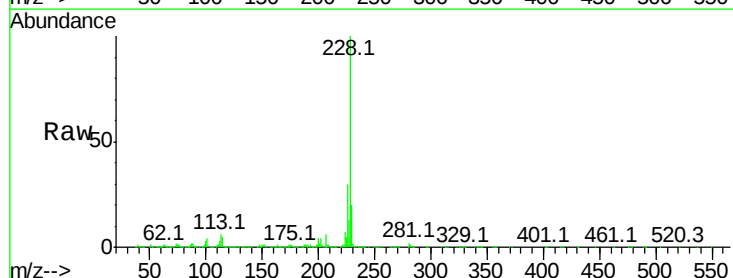
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MS

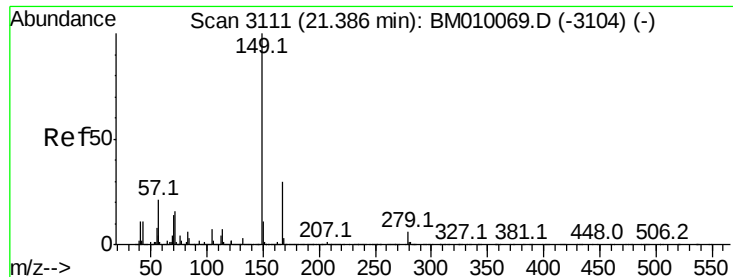
Tot Ion:252 Resp: 377911
Ion Ratio Lower Upper
252 100
254 63.0 51.9 77.9
126 7.4 9.8 14.8#



#82
Chrysene
Concen: 45.52 ng
RT: 21.53 min Scan# 3135
Delta R.T. -0.02 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

Tgt Ion:228 Resp: 2443366
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 19.8 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.64 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

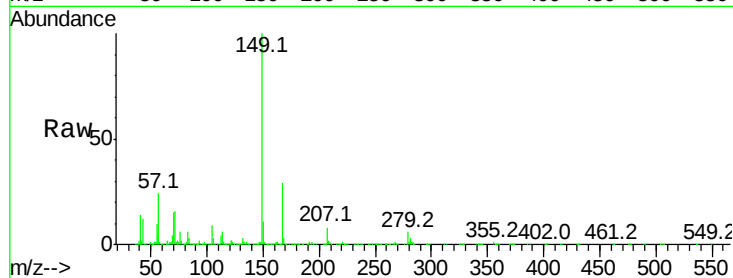
Tot Ion:149 Resp: 1208105

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.4	33.6
279	5.9	3.4	5.0#

149 100

167 29.0 22.4 33.6

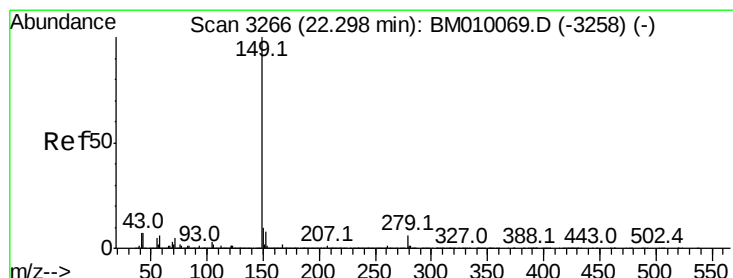
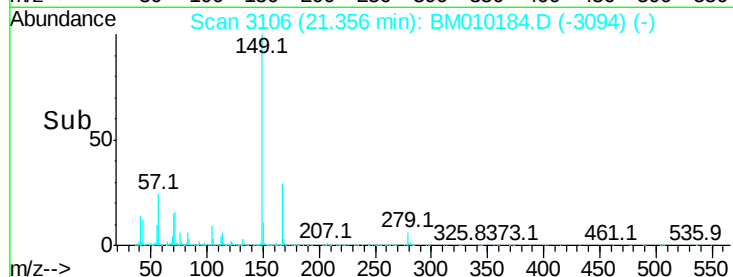
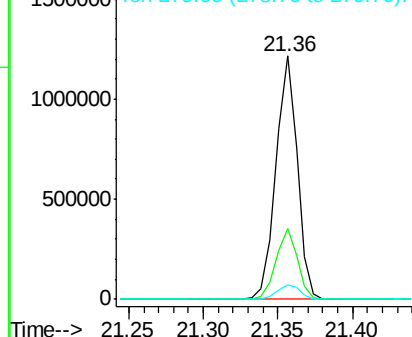
279 5.9 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.21 ng

RT: 22.26 min Scan# 3260

Delta R.T. -0.04 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

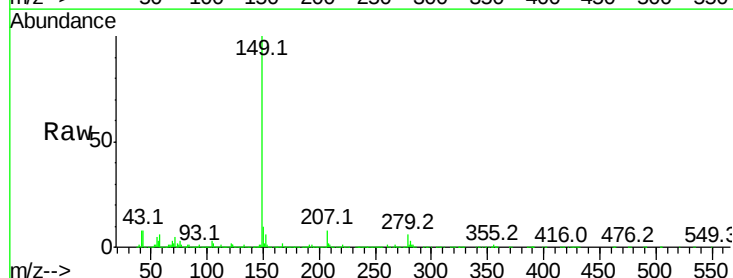
Tgt Ion:149 Resp: 2248873

Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.2	1.8#
43	8.5	7.3	10.9

149 100

167 1.9 1.2 1.8#

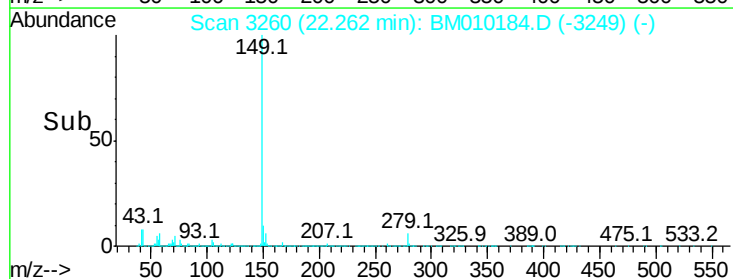
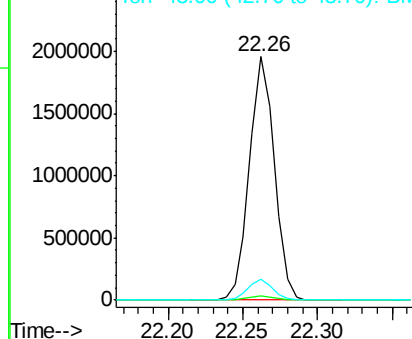
43 8.5 7.3 10.9

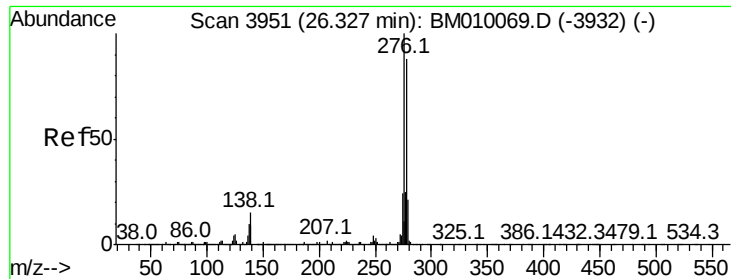


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

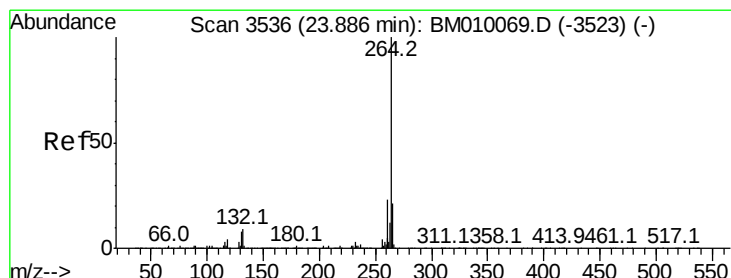
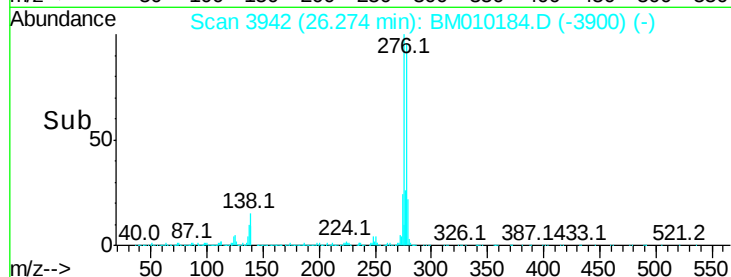
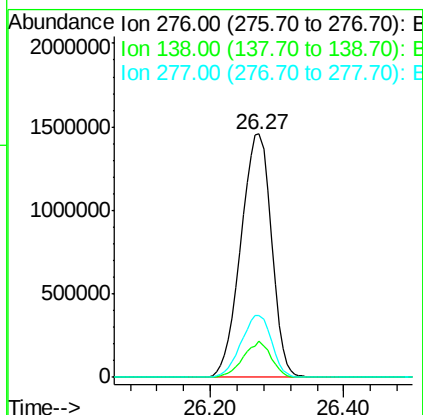
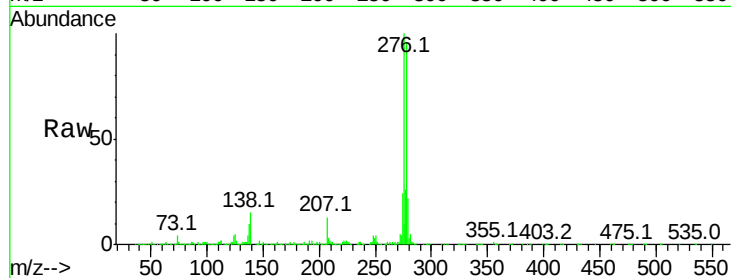




#85
Indeno(1,2,3-cd)pyrene
Concen: 58.42 ng
RT: 26.27 min Scan# 3942
Delta R.T. -0.05 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

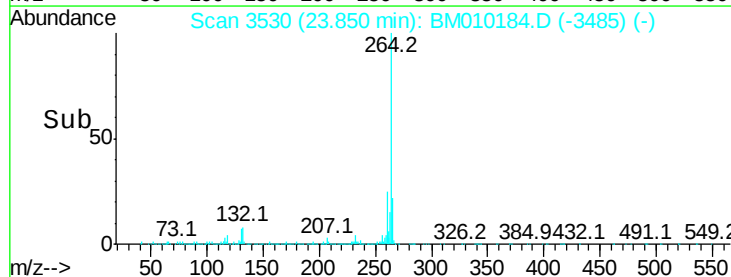
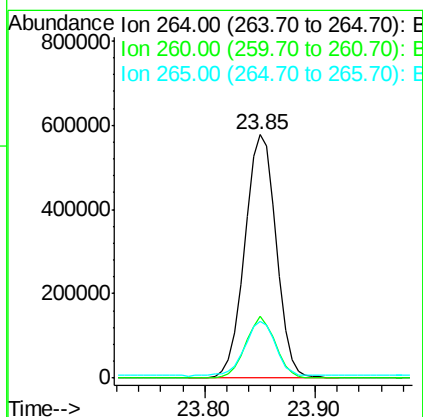
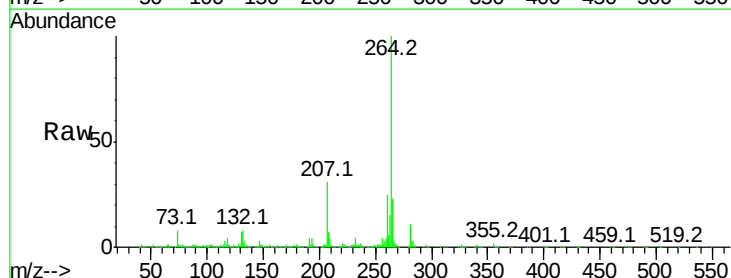
Instrument :
BNA_M
ClientSampleId :
TP-3-TP-4MS

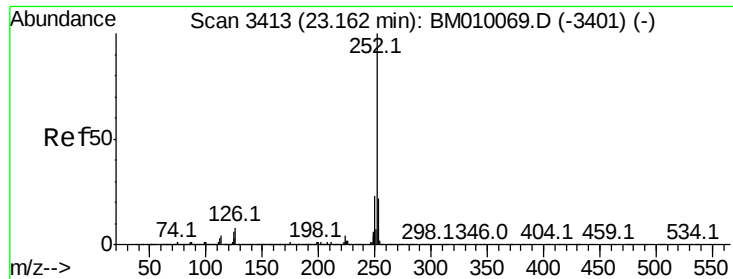
Tot Ion:276 Resp: 4598416
Ion Ratio Lower Upper
276 100
138 13.5 0.0 0.0#
277 25.5 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.85 min Scan# 3530
Delta R.T. -0.04 min
Lab File: BM010184.D
Acq: 24 May 2017 17:14

Tgt Ion:264 Resp: 1157793
Ion Ratio Lower Upper
264 100
260 25.4 18.6 27.8
265 23.2 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 49.04 ng

RT: 23.13 min Scan# 3407

Delta R.T. -0.04 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

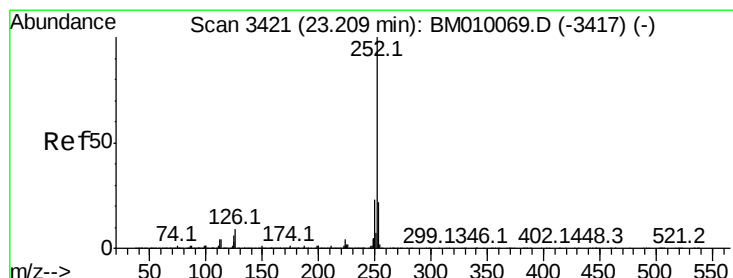
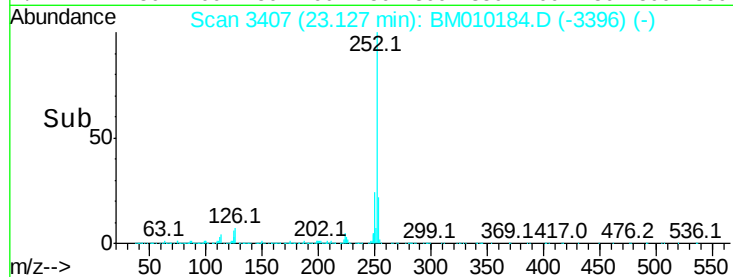
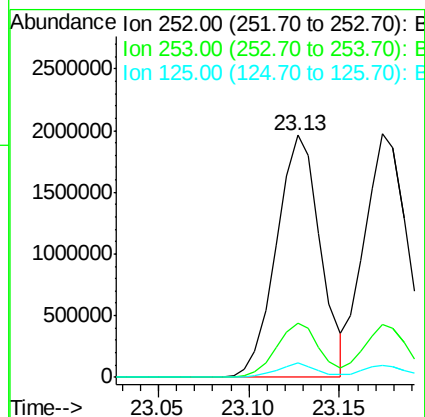
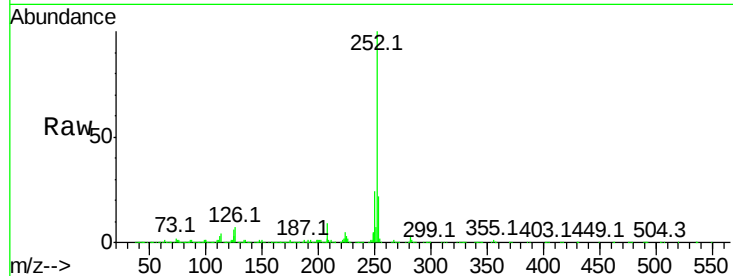
Tot Ion:252 Resp: 3323102

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 5.8 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 48.72 ng

RT: 23.17 min Scan# 3415

Delta R.T. -0.04 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

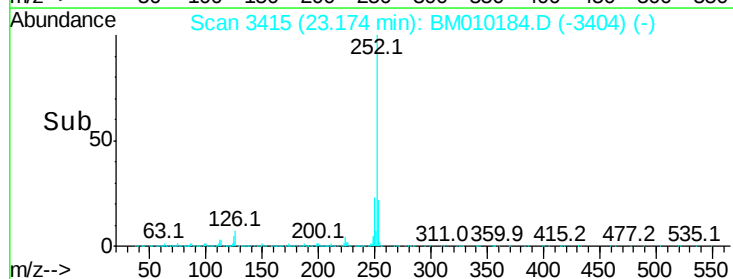
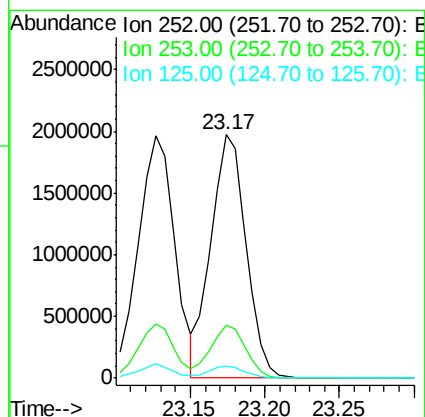
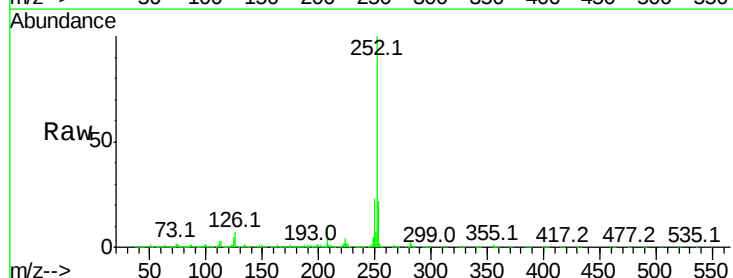
Tgt Ion:252 Resp: 3234458

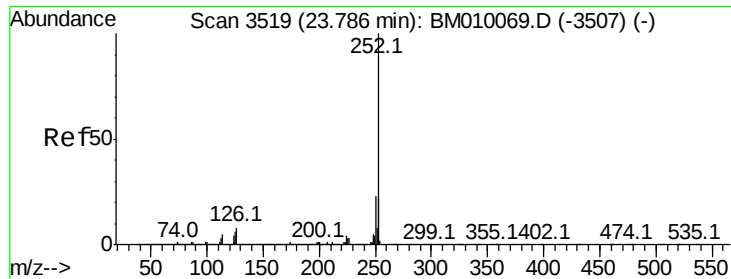
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 4.9 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 50.63 ng

RT: 23.74 min Scan# 3512

Delta R.T. -0.04 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

Instrument :

BNA_M

ClientSampleId :

TP-3-TP-4MS

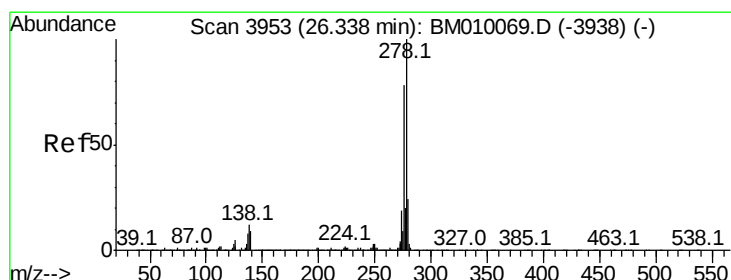
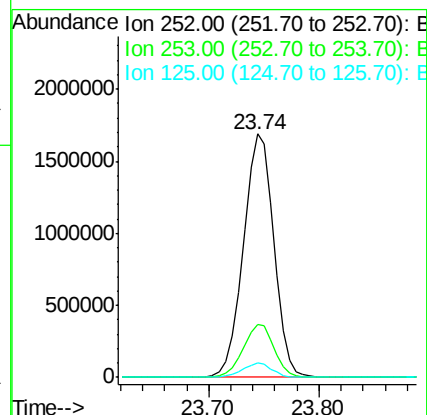
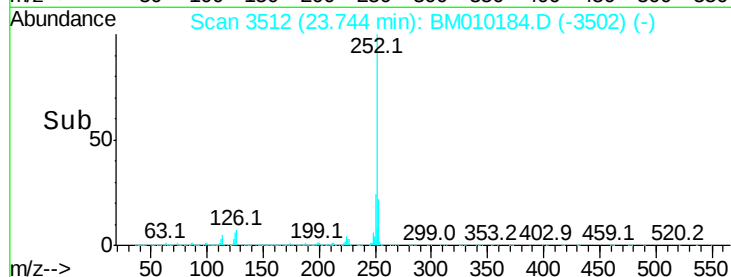
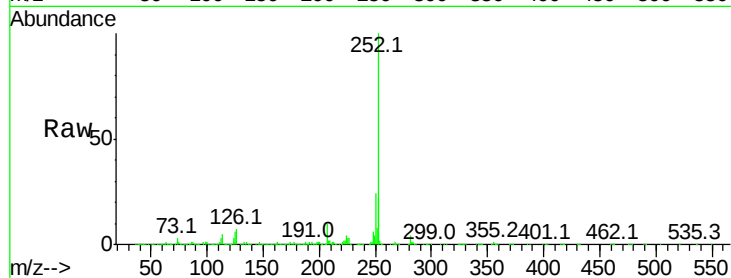
Tot Ion:252 Resp: 3268958

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 5.7 7.4 11.2#



#90

Dibenzo(a,h)anthracene

Concen: 54.09 ng

RT: 26.28 min Scan# 3943

Delta R.T. -0.06 min

Lab File: BM010184.D

Acq: 24 May 2017 17:14

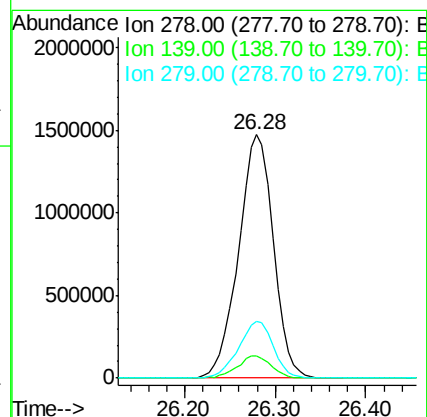
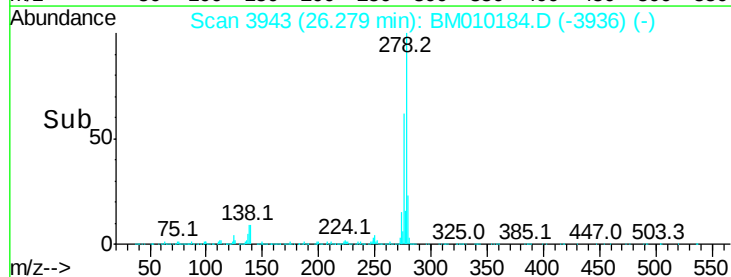
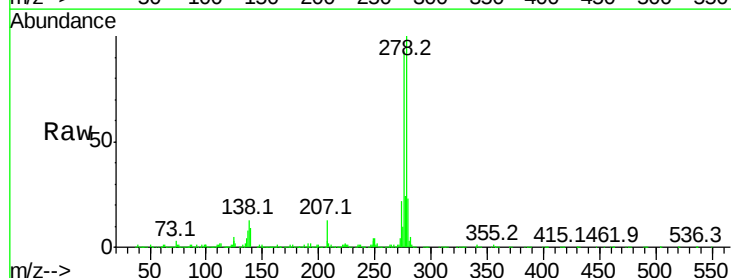
Tgt Ion:278 Resp: 3905669

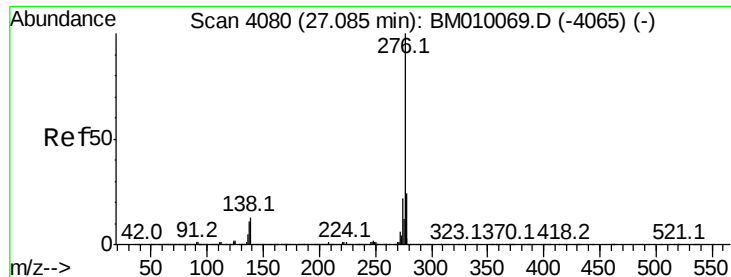
Ion Ratio Lower Upper

278 100

139 9.2 13.4 20.0#

279 23.4 19.0 28.4

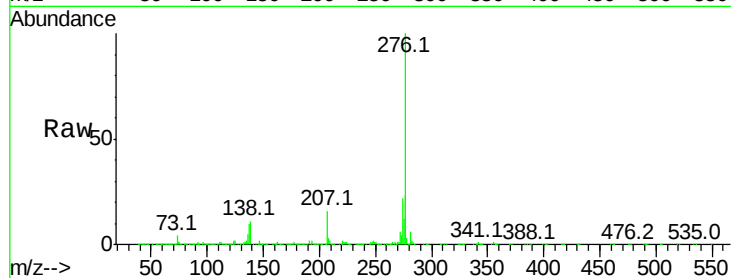




#91
 Benzo(a,h,i)perylene
 Concen: 52.91 ng
 RT: 27.03 min Scan# 4070
 Delta R.T. -0.06 min
 Lab File: BM010184.D
 Acq: 24 May 2017 17:14

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4MS

Tot Ion:276 Resp: 3743214
 Ion Ratio Lower Upper
 276 100
 277 22.8 18.5 27.7
 138 10.7 19.0 28.6#



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

