

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
 Data File : BM010222.D
 Acq On : 25 May 2017 18:08
 Operator : SJ/MA
 Sample : PB99275BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99275BS

Quant Time: May 26 05:15:17 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	132937	20.00	ng	-0.03
21) Naphthalene-d8	10.75	136	458462	20.00	ng	-0.04
38) Acenaphthene-d10	14.58	164	279332	20.00	ng	-0.03
63) Phenanthrene-d10	17.32	188	584239	20.00	ng	-0.03
75) Chrysene-d12	21.49	240	744951	20.00	ng	-0.02
86) Perylene-d12	23.84	264	908556	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1120215	152.17	ng	-0.03
7) Phenol-d6	7.14	99	1345039	141.99	ng	-0.03
23) Nitrobenzene-d5	9.13	82	924976	108.85	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	588239	138.65	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2328028	107.14	ng	-0.04
78) Terphenyl-d14	19.92	244	2920923	89.15	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	153320	45.33	ng	# 100
3) Pyridine	3.84	79	398166	43.97	ng	# 88
4) n-Nitrosodimethylamine	3.76	42	206548	63.07	ng	# 78
6) Aniline	7.30	93	306602	26.12	ng	91
8) 2-Chlorophenol	7.52	128	355264	44.36	ng	95
9) Benzaldehyde	7.10	77	90350	15.32	ng	84
10) Phenol	7.16	94	443952	44.47	ng	95
11) bis(2-Chloroethyl)ether	7.38	93	316700	42.56	ng	99
12) 1,3-Dichlorobenzene	7.83	146	431908	42.44	ng	# 90
13) 1,4-Dichlorobenzene	7.98	146	447756	42.83	ng	96
14) 1,2-Dichlorobenzene	8.30	146	421141	41.96	ng	96
15) Benzyl Alcohol	8.21	79	335941	46.87	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.47	45	260154	35.56	ng	76
17) 2-Methylphenol	8.40	107	289585	40.77	ng	# 81
18) Hexachloroethane	9.02	117	155861	45.99	ng	# 74
19) n-Nitroso-di-n-propylamine	8.75	70	296994	44.42	ng	94
20) 3+4-Methylphenols	8.73	107	396891	41.37	ng	85
22) Acetophenone	8.79	105	539958	45.95	ng	# 97
24) Nitrobenzene	9.17	77	458954	52.43	ng	94
25) Isophorone	9.68	82	707174	48.16	ng	# 91
26) 2-Nitrophenol	9.87	139	182254	49.39	ng	# 56
27) 2,4-Dimethylphenol	9.93	122	292617	43.92	ng	# 78
28) bis(2-Chloroethoxy)methane	10.16	93	404014	43.36	ng	99
29) 2,4-Dichlorophenol	10.40	162	375648	48.97	ng	100
30) 1,2,4-Trichlorobenzene	10.60	180	471282	47.48	ng	99
31) Naphthalene	10.80	128	1020980	41.63	ng	100
32) Benzoic acid	10.07	122	178930	39.41	ng	# 86
33) 4-Chloroaniline	10.96	127	106903	11.31	ng	# 82
34) Hexachlorobutadiene	11.05	225	335456	50.67	ng	97
35) Caprolactam	11.75	113	79498	36.12	ng	# 80
36) 4-Chloro-3-methylphenol	12.06	107	339702	40.89	ng	86
37) 2-Methylnaphthalene	12.40	142	802188	45.43	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	532408	49.57	ng	# 100
40) Hexachlorocyclopentadiene	12.72	237	789929	127.36	ng	100

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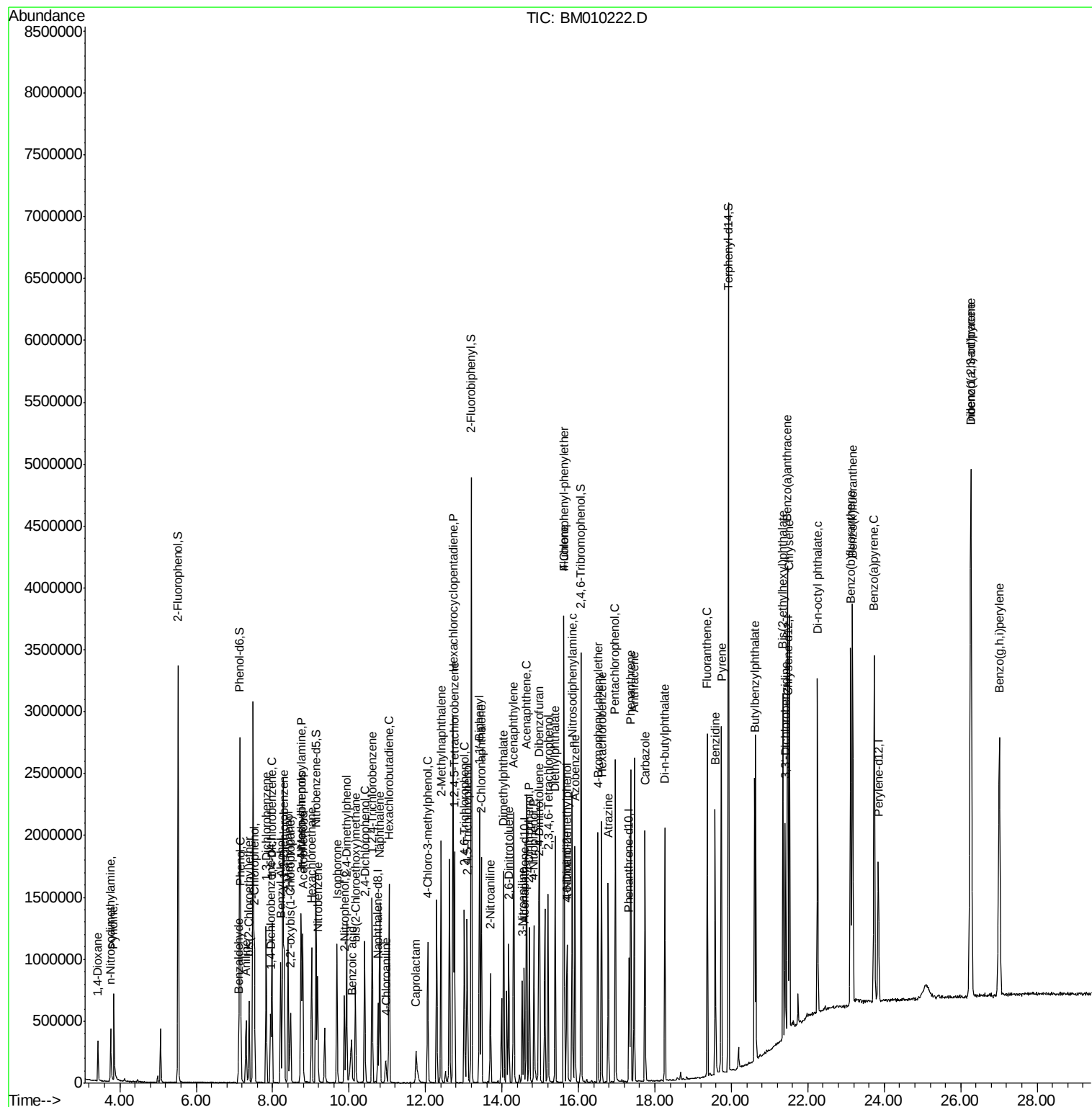
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	323291	51.10	ng	96
43) 2,4,5-Trichlorophenol	13.09	196	332114	47.51	ng #	94
45) 1,1'-Biphenyl	13.41	154	1068794	46.53	ng	99
46) 2-Chloronaphthalene	13.46	162	851105	45.76	ng	97
47) 2-Nitroaniline	13.70	65	224836	47.01	ng #	79
48) Acenaphthylene	14.31	152	1244100	45.24	ng	99
49) Dimethylphthalate	14.04	163	1007460	40.43	ng #	98
50) 2,6-Dinitrotoluene	14.17	165	208841	44.14	ng #	83
51) Acenaphthene	14.64	154	755899	44.22	ng	98
52) 3-Nitroaniline	14.53	138	158468	36.04	ng #	70
53) 2,4-Dinitrophenol	14.72	184	263140	83.41	ng #	85
54) Dibenzofuran	14.98	168	1269667	47.23	ng	96
55) 4-Nitrophenol	14.83	139	258596	73.07	ng #	20
56) 2,4-Dinitrotoluene	14.96	165	275708	41.19	ng #	90
57) Fluorene	15.63	166	1023770	43.79	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.20	232	303051	50.89	ng #	100
59) Diethylphthalate	15.39	149	926230	39.32	ng	97
60) 4-Chlorophenyl-phenylether	15.62	204	574736	43.79	ng	98
61) 4-Nitroaniline	15.69	138	154042	34.51	ng #	16
62) Azobenzene	15.91	77	959411	55.39	ng	88
64) 4,6-Dinitro-2-methylphenol	15.71	198	171263	47.98	ng	78
65) n-Nitrosodiphenylamine	15.84	169	839528	47.95	ng	99
66) 4-Bromophenyl-phenylether	16.51	248	372293	49.78	ng	96
67) Hexachlorobenzene	16.60	284	402766	44.32	ng	94
68) Atrazine	16.78	200	312546	47.08	ng	98
69) Pentachlorophenol	16.97	266	465494	93.27	ng	99
70) Phenanthrene	17.37	178	1477639	45.20	ng	100
71) Anthracene	17.46	178	1519552	46.84	ng	99
72) Carbazole	17.74	167	1229602	42.81	ng	98
73) Di-n-butylphthalate	18.26	149	1367529	40.16	ng #	98
74) Fluoranthene	19.37	202	1716769	40.45	ng	97
76) Benzidine	19.58	184	1209563	88.03	ng	99
77) Pyrene	19.74	202	1747235	43.75	ng	99
79) Butylbenzylphthalate	20.61	149	589772	39.89	ng #	84
80) Benzo(a)anthracene	21.47	228	1850300	45.07	ng	99
81) 3,3'-Dichlorobenzidine	21.41	252	506806	30.69	ng #	95
82) Chrysene	21.52	228	1664537	42.75	ng	99
83) Bis(2-ethylhexyl)phthalate	21.35	149	852575	38.56	ng #	97
84) Di-n-octyl phthalate	22.26	149	1513199	38.23	ng #	99
85) Indeno(1,2,3-cd)pyrene	26.26	276	3458255	60.56	ng #	100
87) Benzo(b)fluoranthene	23.12	252	2277222	42.83	ng #	91
88) Benzo(k)fluoranthene	23.17	252	2244855	43.09	ng #	95
89) Benzo(a)pyrene	23.74	252	2323888	45.86	ng #	97
90) Dibenzo(a,h)anthracene	26.27	278	2883728	50.90	ng #	92
91) Benzo(g,h,i)perylene	27.01	276	2848275	51.30	ng #	86

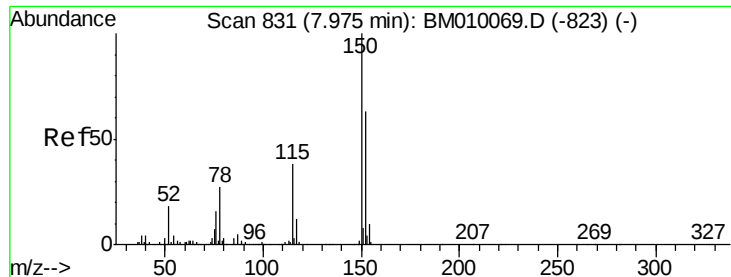
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 826

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

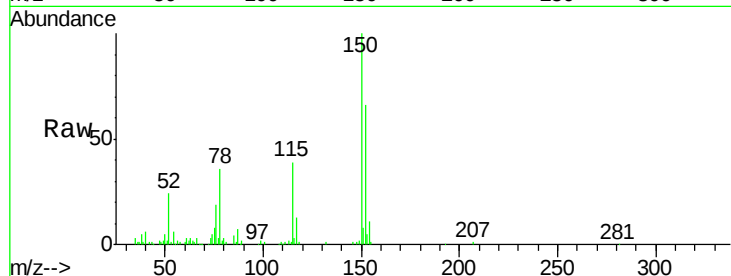
Tgt Ion:152 Resp: 132937

Ion Ratio Lower Upper

152 100

150 151.8 119.5 179.3

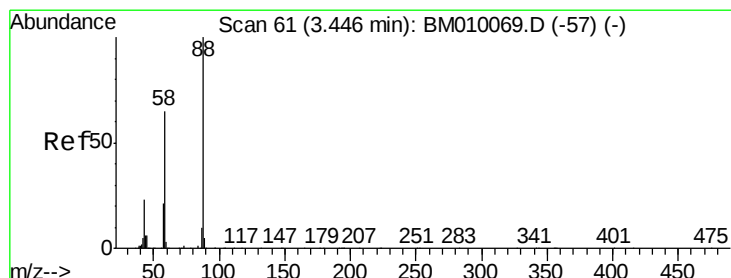
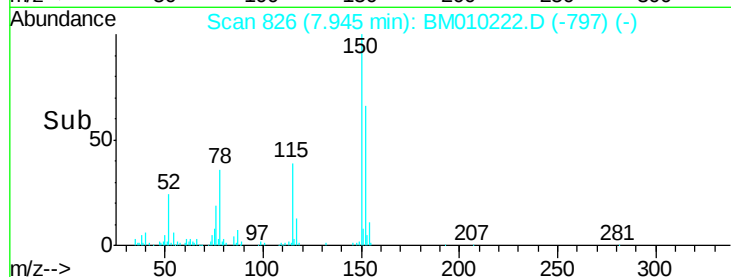
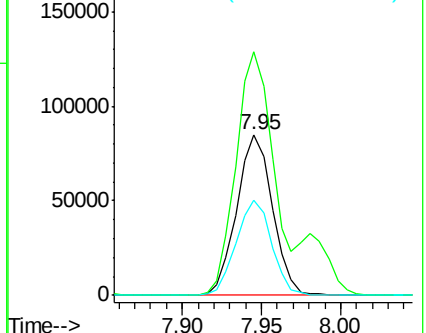
115 59.5 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 45.33 ng

RT: 3.43 min Scan# 58

Delta R.T. -0.02 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

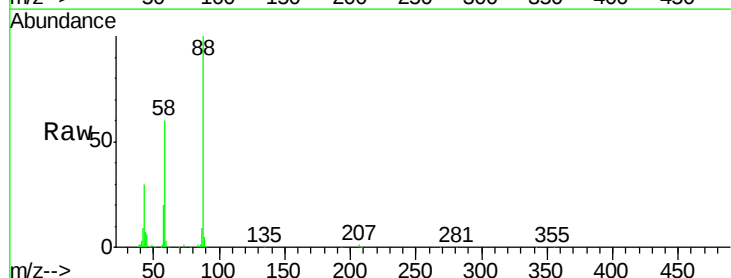
Tgt Ion: 88 Resp: 153320

Ion Ratio Lower Upper

88 100

58 60.8 0.0 0.0#

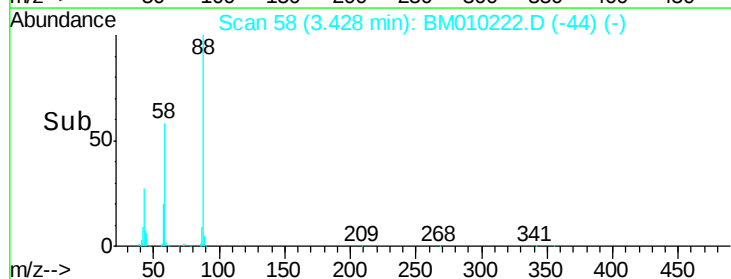
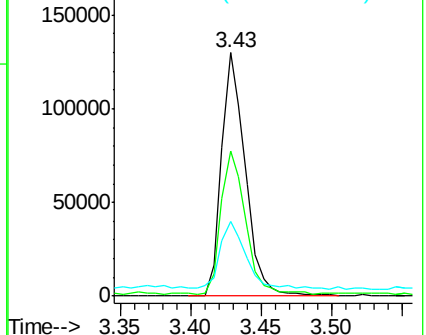
43 28.8 0.0 0.0#

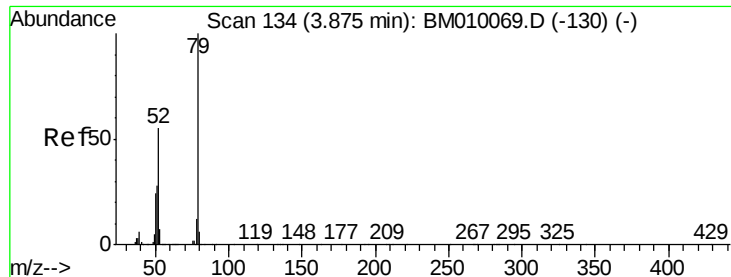


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 43.97 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.04 min

Lab File: BM010222.D

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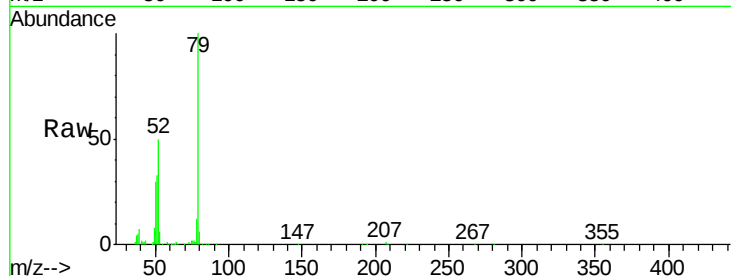
Tgt Ion: 79 Resp: 398166

Ion Ratio Lower Upper

79 100

52 50.2 51.1 76.7#

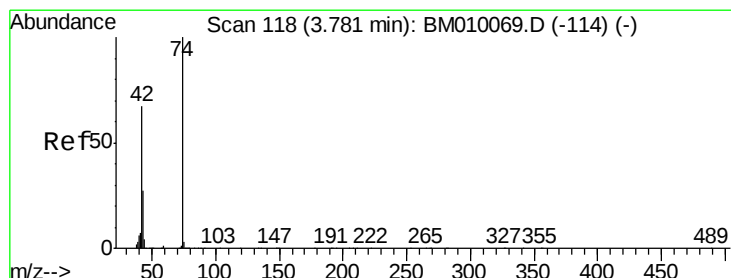
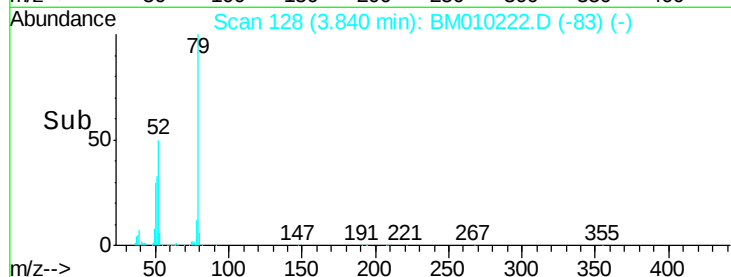
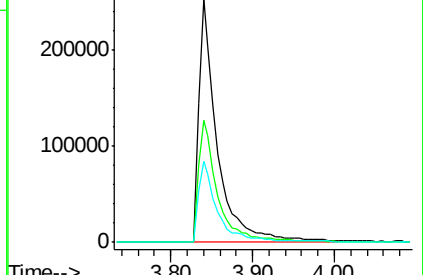
51 33.3 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-130) (-)

Ion 52.00 (51.70 to 52.70): BM010069.D (-130) (-)

Ion 51.00 (50.70 to 51.70): BM010069.D (-130) (-)



#4

n-Nitrosodimethylamine

Concen: 63.07 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.02 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

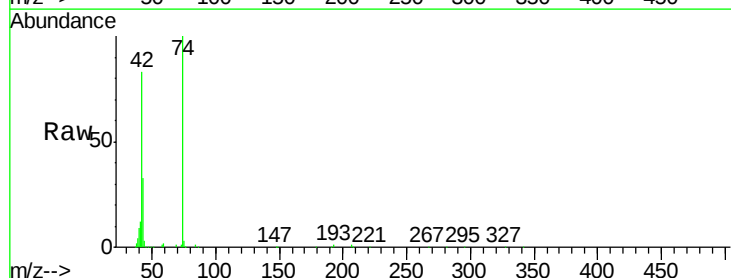
Tgt Ion: 42 Resp: 206548

Ion Ratio Lower Upper

42 100

74 121.0 119.3 178.9

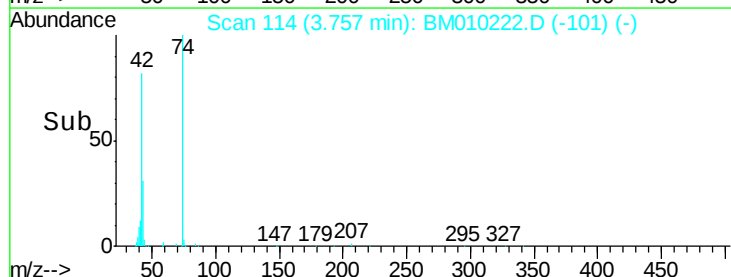
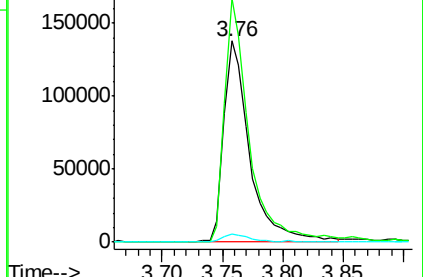
44 3.7 5.4 8.2#

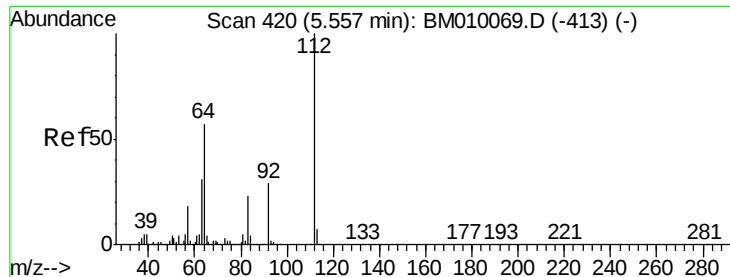


Abundance Ion 42.00 (41.70 to 42.70): BM010069.D (-114) (-)

Ion 74.00 (73.70 to 74.70): BM010069.D (-114) (-)

Ion 44.00 (43.70 to 44.70): BM010069.D (-114) (-)





#5

2-Fluorophenol

Concen: 152.17 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.03 min

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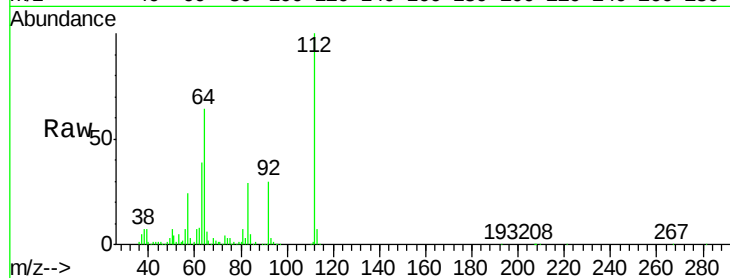
Tgt Ion: 112 Resp: 1120215

Ion Ratio Lower Upper

112 100

64 63.9 38.6 57.8#

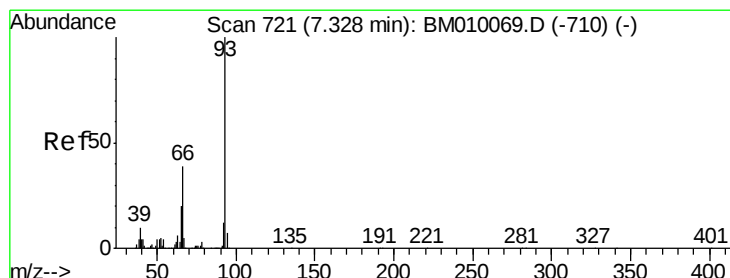
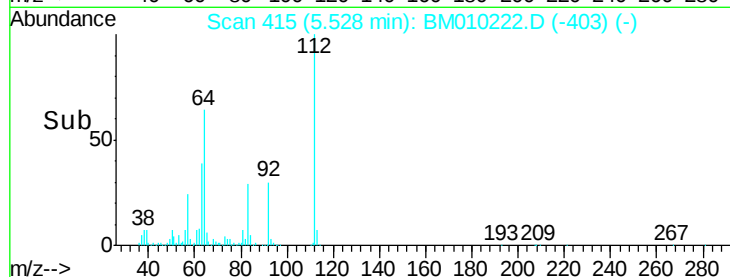
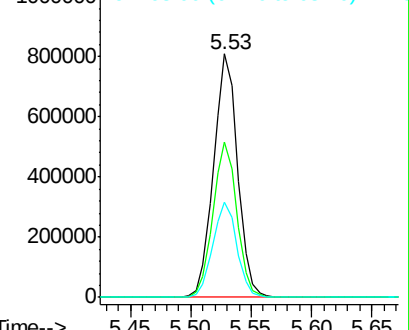
63 39.3 19.3 28.9#



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: 26.12 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

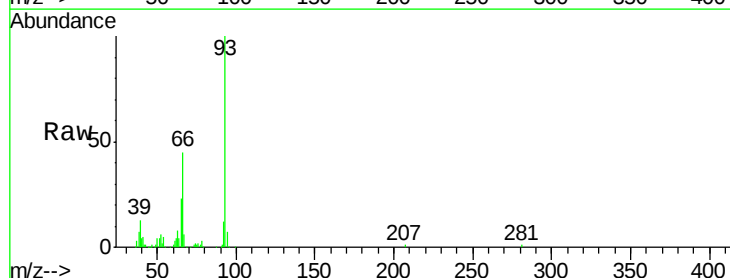
Tgt Ion: 93 Resp: 306602

Ion Ratio Lower Upper

93 100

66 44.7 30.8 46.2

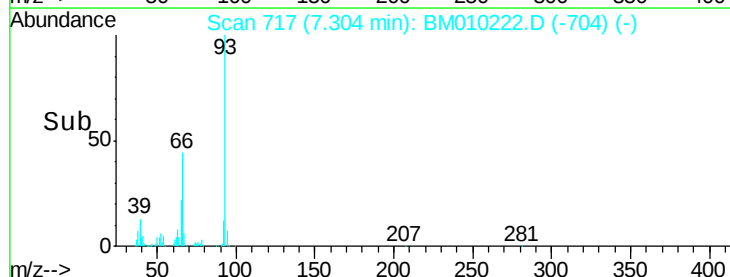
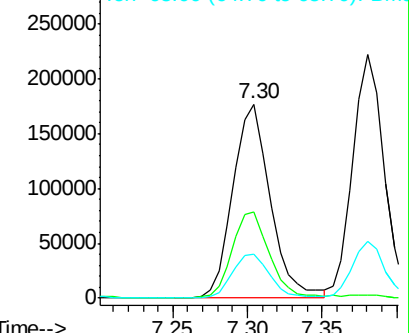
65 22.5 16.0 24.0

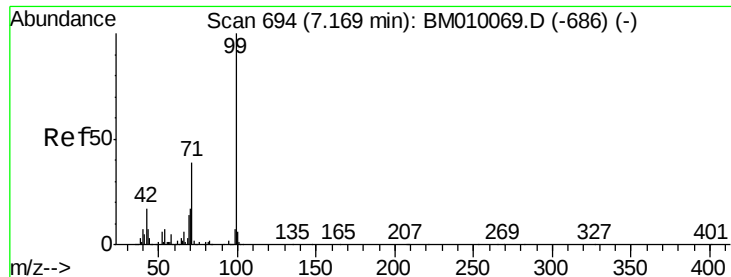


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 141.99 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

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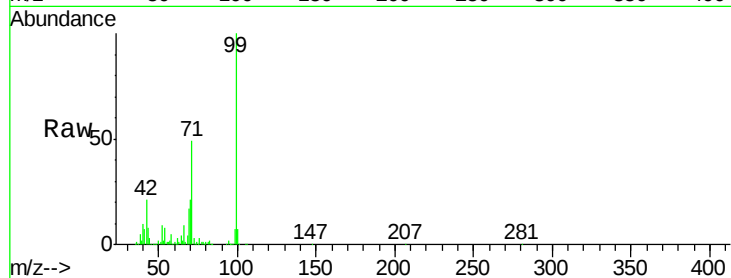
Tgt Ion: 99 Resp: 1345039

Ion Ratio Lower Upper

99 100

42 21.0 11.0 16.4#

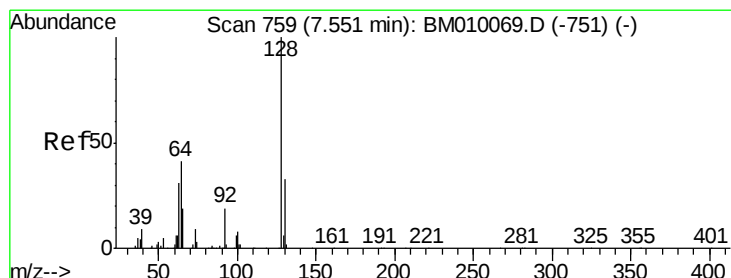
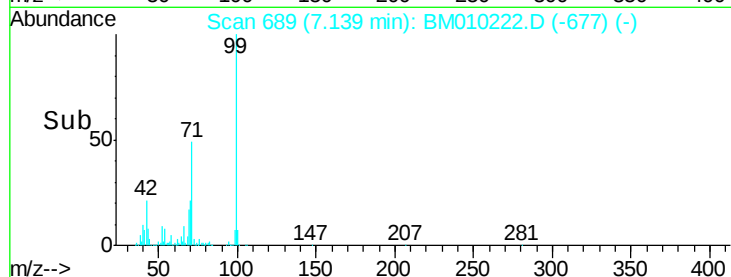
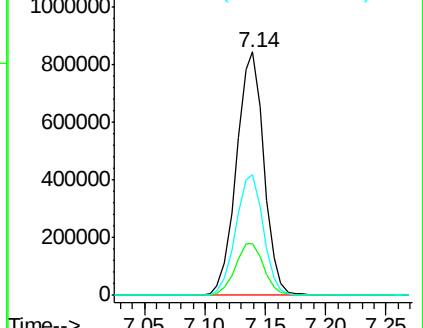
71 49.4 23.4 35.2#



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: 44.36 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

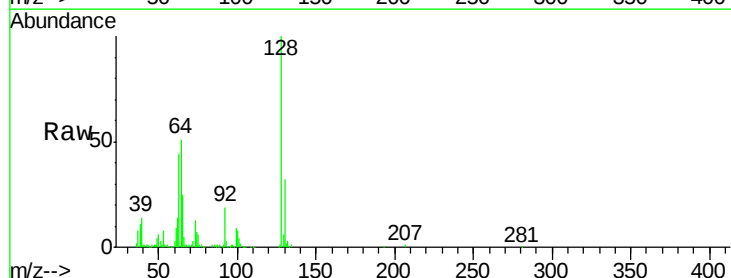
Tgt Ion: 128 Resp: 355264

Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

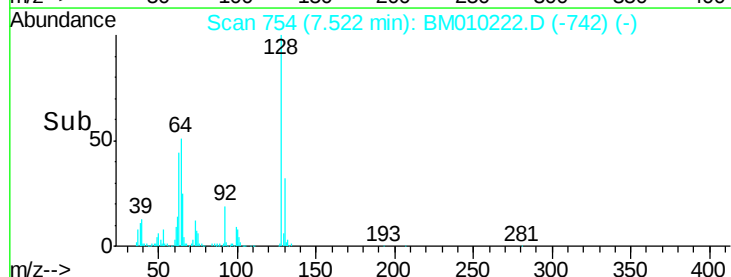
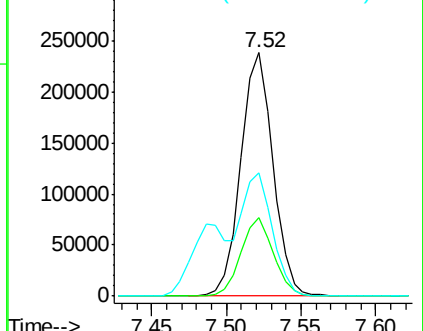
64 50.8 24.9 64.9

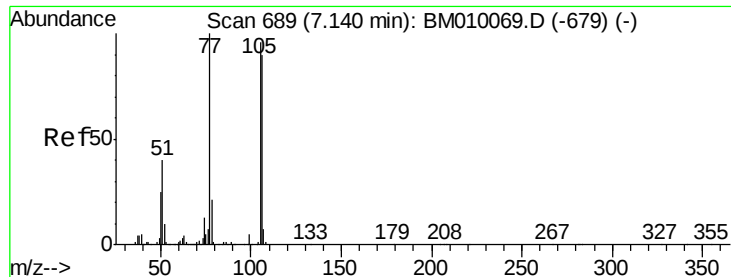


Abundance Ion 128.00 (127.70 to 128.70): BM010069.D (-751) (-)

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: 15.32 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.04 min

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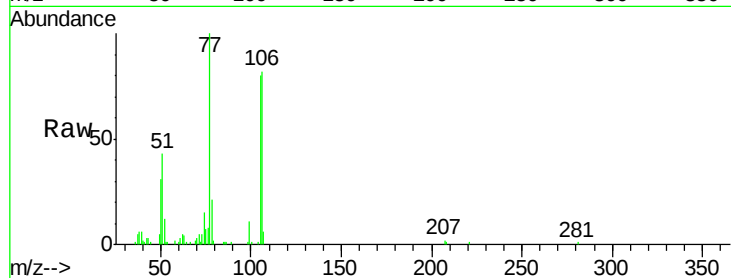
Tgt Ion: 77 Resp: 90350

Ion Ratio Lower Upper

77 100

105 80.4 78.8 118.8

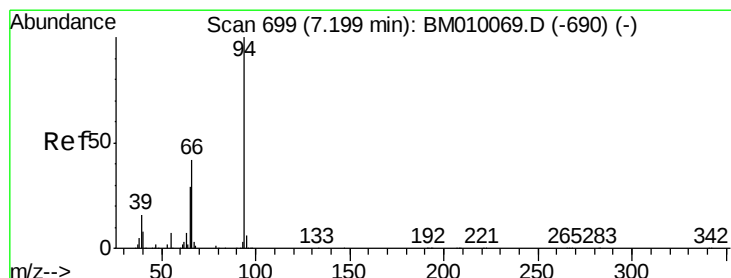
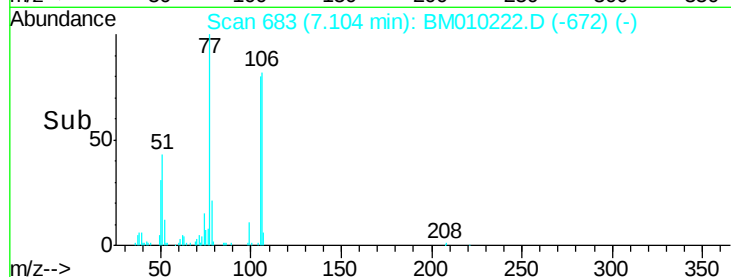
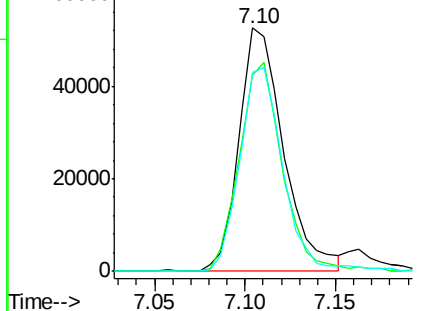
106 81.7 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM010069.D (-679) (-)

Ion 105.00 (104.70 to 105.70): BM010069.D (-679) (-)

Ion 106.00 (105.70 to 106.70): BM010069.D (-679) (-)



#10

Phenol

Concen: 44.47 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.04 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

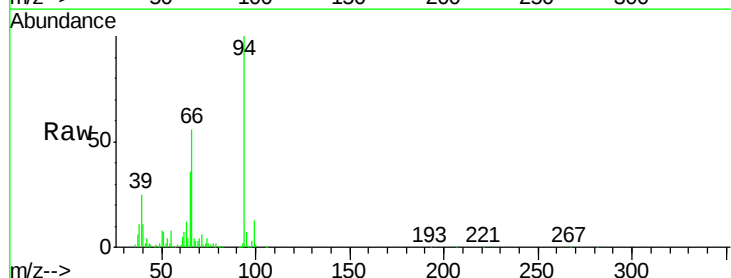
Tgt Ion: 94 Resp: 443952

Ion Ratio Lower Upper

94 100

65 35.7 18.8 58.8

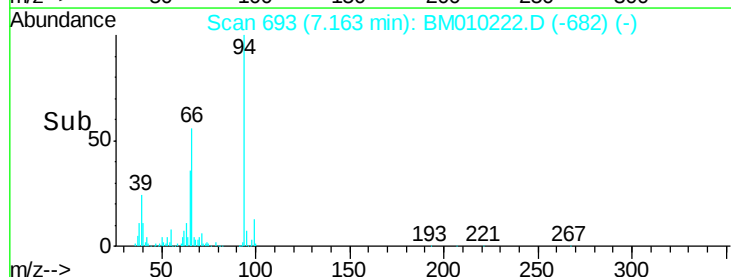
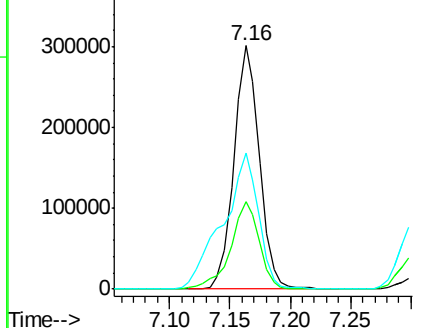
66 56.1 39.9 79.9

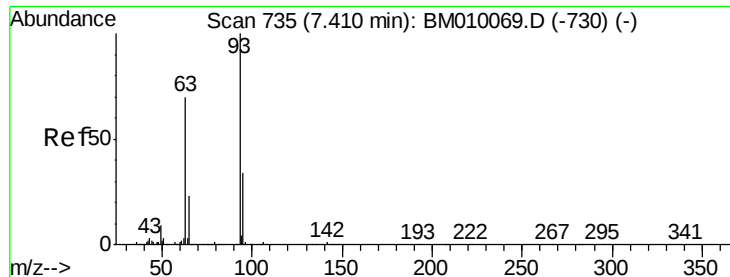


Abundance Ion 94.00 (93.70 to 94.70): BM010069.D (-690) (-)

Ion 65.00 (64.70 to 65.70): BM010069.D (-690) (-)

Ion 66.00 (65.70 to 66.70): BM010069.D (-690) (-)

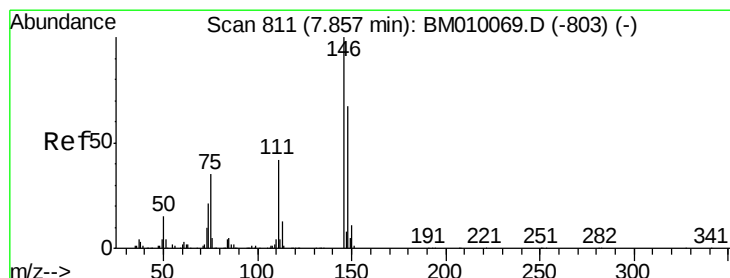
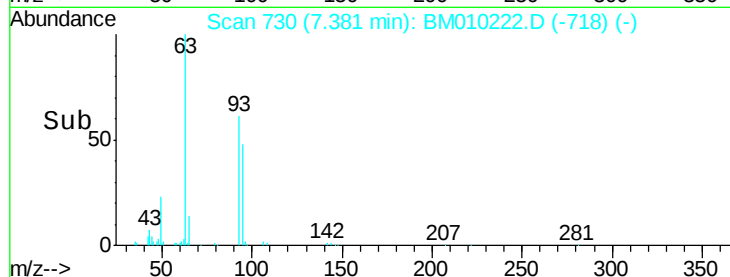
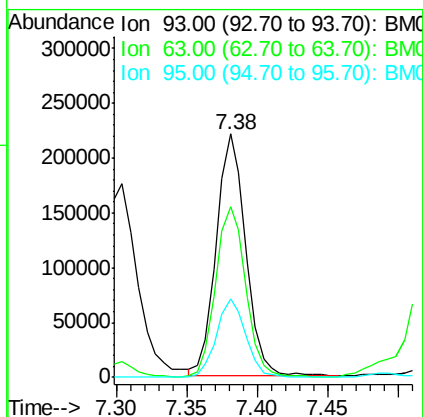
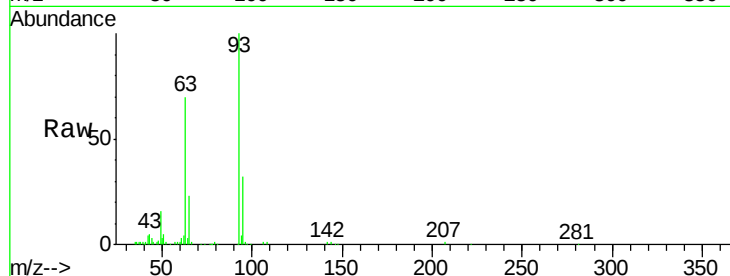




#11
 bis(2-Chloroethyl)ether
 Concen: 42.56 ng
 RT: 7.38 min Scan# 730
 Delta R.T. -0.03 min
 Lab File: BM010222.D
 Acq: 25 May 2017 18:08

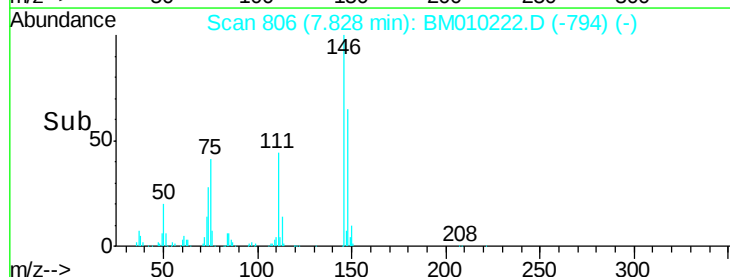
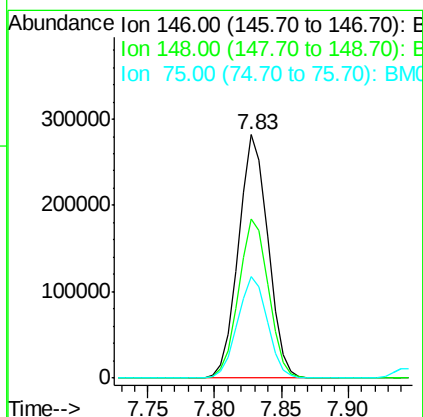
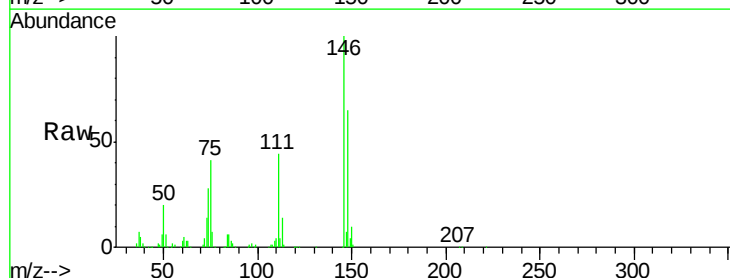
Instrument :
 BNA_M
 ClientSampleId :
 PB99275BS

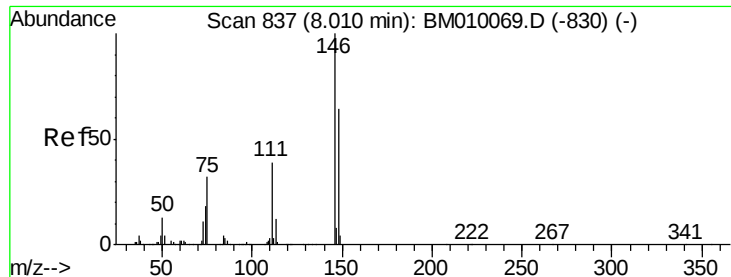
Tgt Ion:	93	Resp:	316700
Ion	Ratio	Lower	Upper
93	100		
63	70.0	49.5	89.5
95	32.0	13.5	53.5



#12
 1,3-Dichlorobenzene
 Concen: 42.44 ng
 RT: 7.83 min Scan# 806
 Delta R.T. -0.03 min
 Lab File: BM010222.D
 Acq: 25 May 2017 18:08

Tgt Ion:	146	Resp:	431908
Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.9	76.3
75	41.5	21.4	32.2

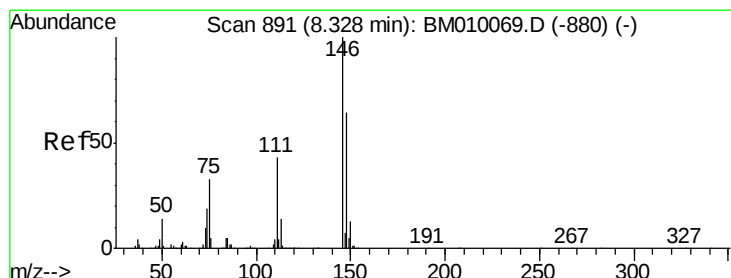
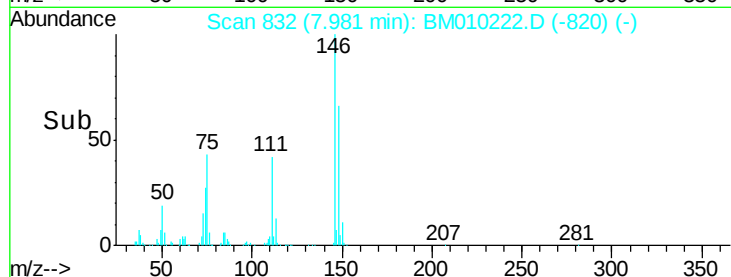
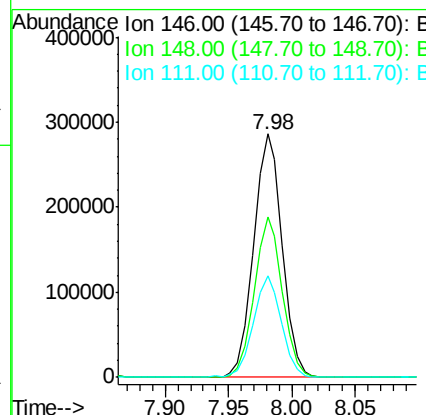
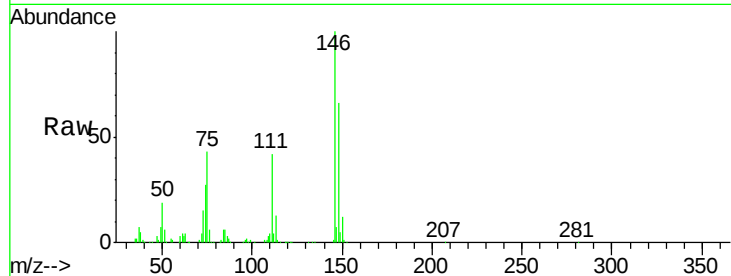




#13
 1,4-Dichlorobenzene
 Concen: 42.83 ng
 RT: 7.98 min Scan# 832
 Delta R.T. -0.03 min
 Lab File: BM010222.D
 Acq: 25 May 2017 18:08

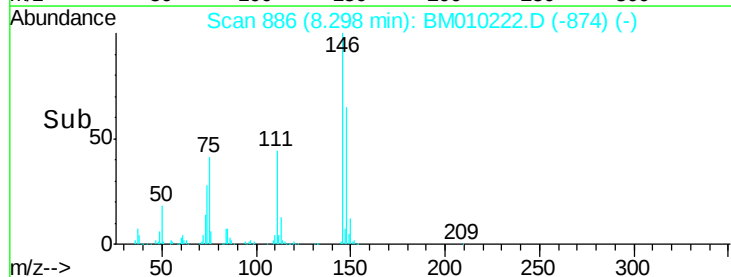
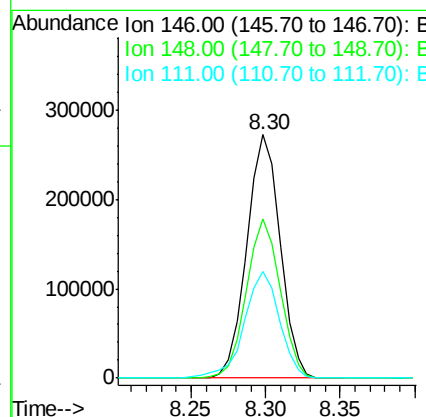
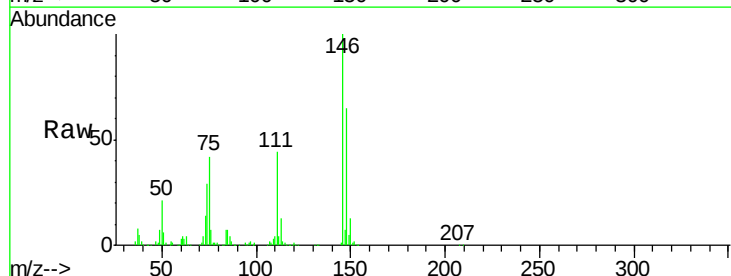
Instrument :
 BNA_M
 ClientSampleId :
 PB99275BS

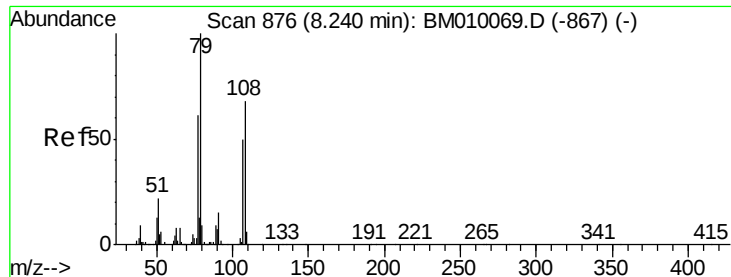
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.9	77.9
111	41.9	29.2	43.8



#14
 1,2-Dichlorobenzene
 Concen: 41.96 ng
 RT: 8.30 min Scan# 886
 Delta R.T. -0.03 min
 Lab File: BM010222.D
 Acq: 25 May 2017 18:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.3	78.5
111	44.0	30.6	45.8





#15

Benzyl Alcohol

Concen: 46.87 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

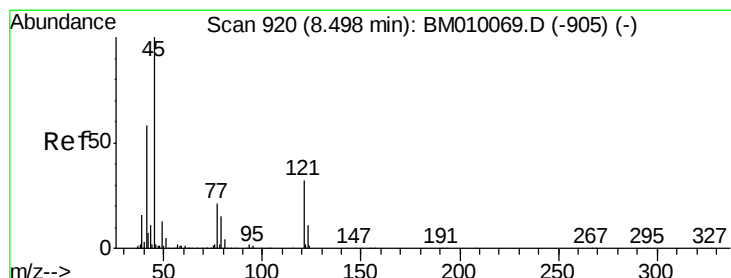
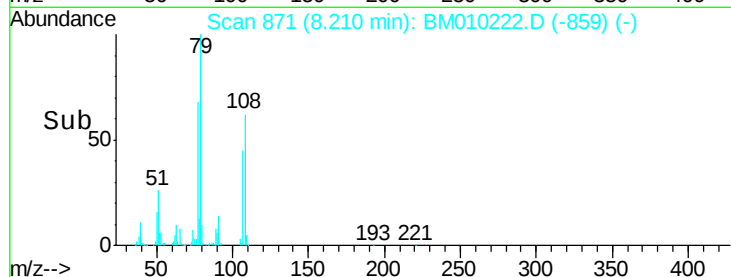
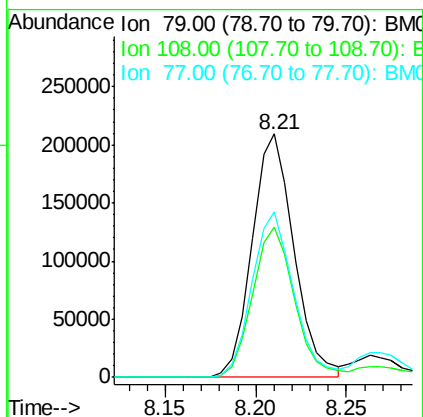
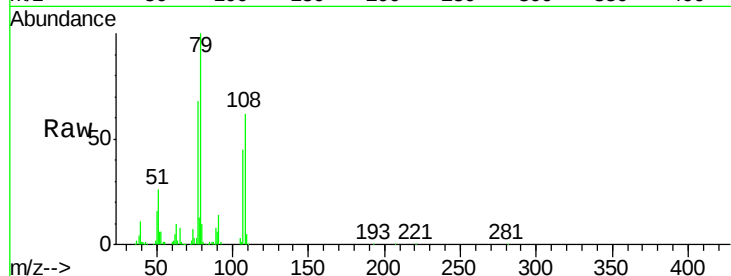
Tgt Ion: 79 Resp: 335941

Ion Ratio Lower Upper

79 100

108 61.6 65.0 97.4#

77 67.9 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.56 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

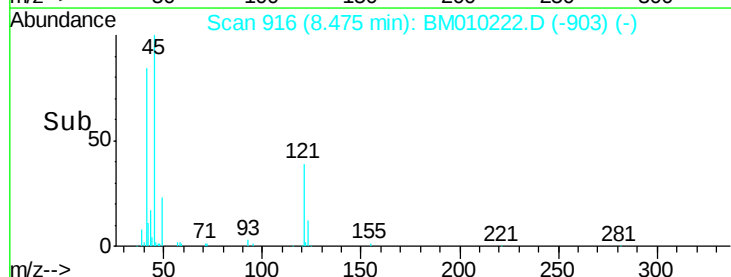
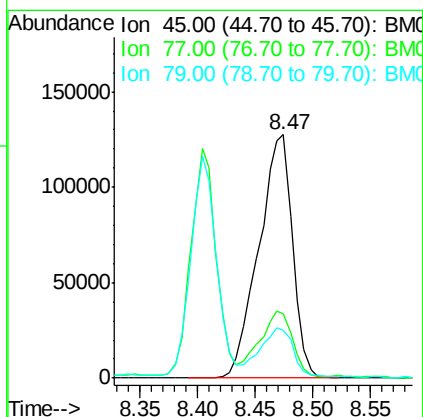
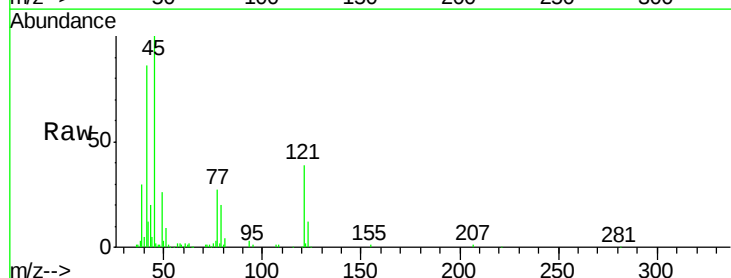
Tgt Ion: 45 Resp: 260154

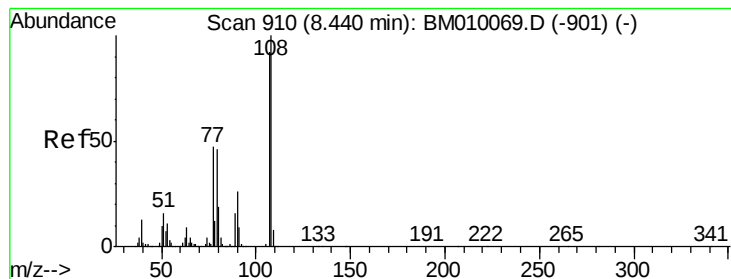
Ion Ratio Lower Upper

45 100

77 26.5 0.0 35.2

79 19.5 0.0 32.0





#17

2-Methylphenol

Concen: 40.77 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.04 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

Tgt Ion:107 Resp: 289585

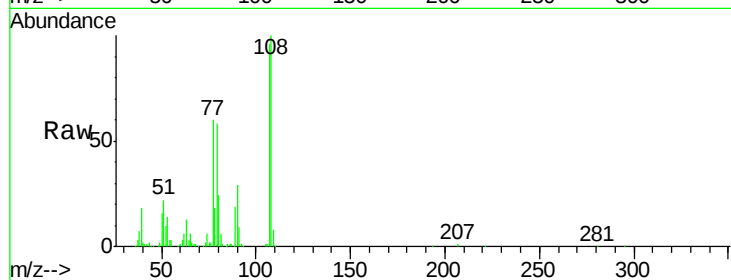
Ion Ratio Lower Upper

107 100

108 104.0 89.8 134.8

77 62.9 32.6 48.8#

79 60.7 32.8 49.2#



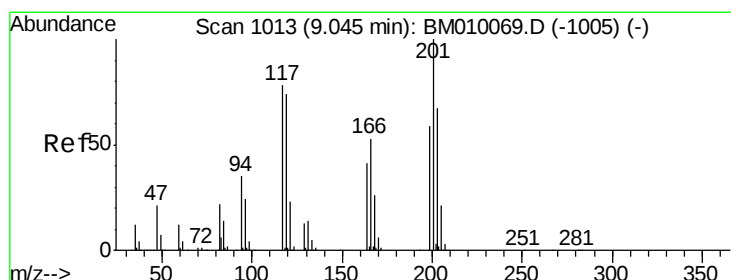
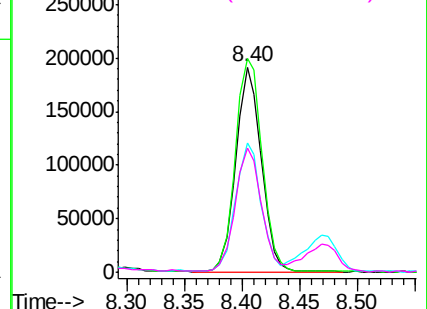
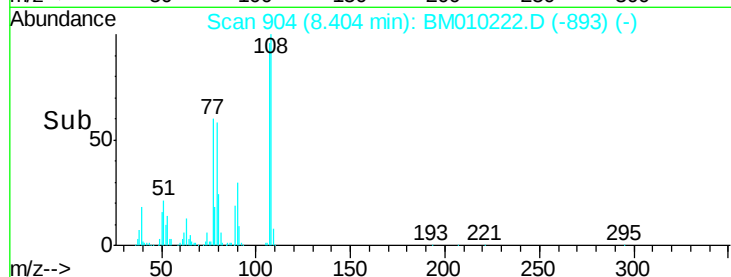
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 45.99 ng

RT: 9.02 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

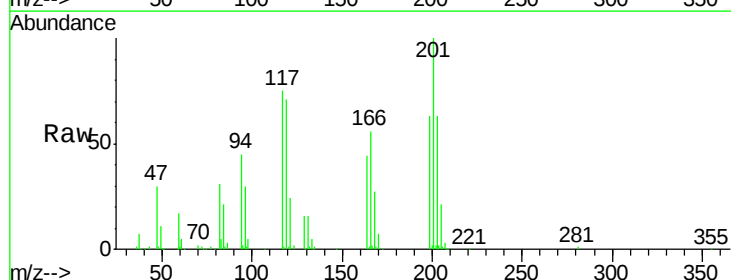
Tgt Ion:117 Resp: 155861

Ion Ratio Lower Upper

117 100

119 94.4 79.2 118.8

201 133.5 69.8 104.6#

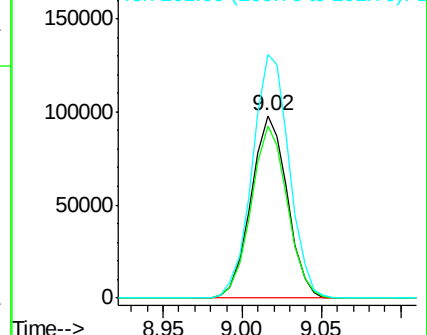
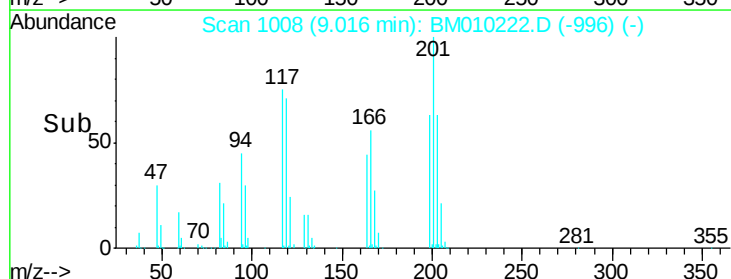


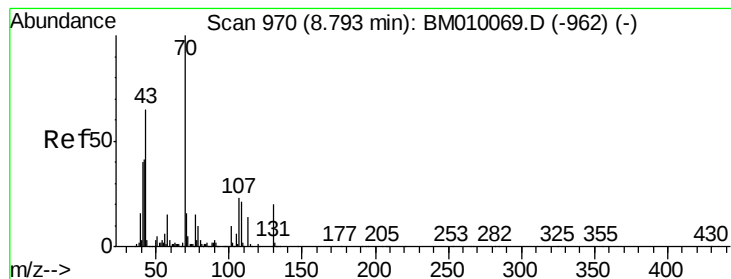
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.42 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.04 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

Tgt Ion: 70 Resp: 296994

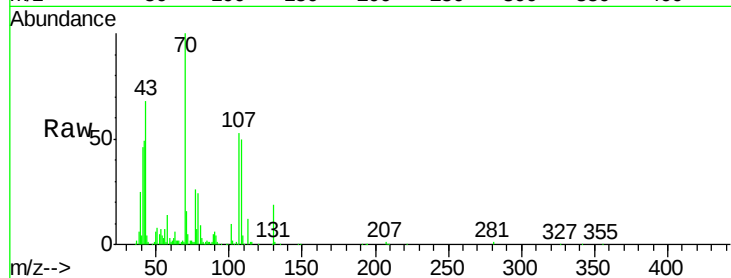
Ion Ratio Lower Upper

70 100

42 49.3 44.5 66.7

101 9.6 7.4 11.2

130 18.5 15.3 22.9



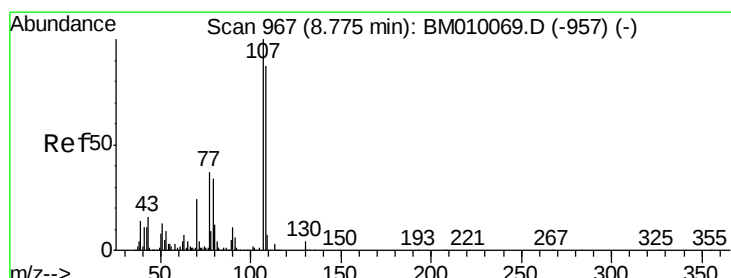
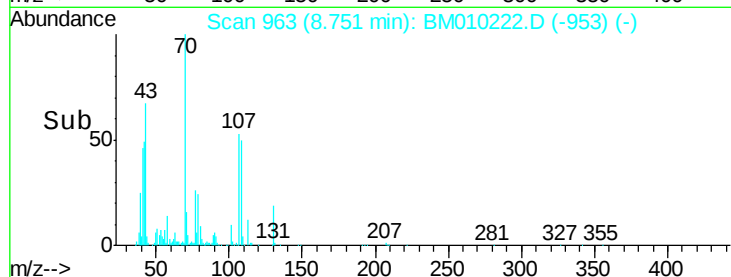
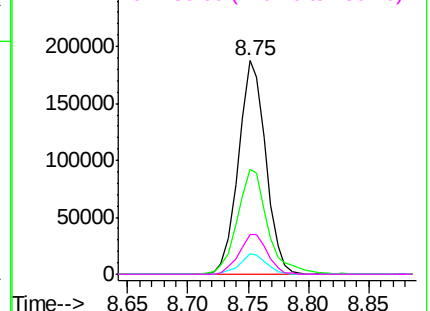
Abundance

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: 41.37 ng

RT: 8.73 min Scan# 960

Delta R.T. -0.04 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Tgt Ion: 107 Resp: 396891

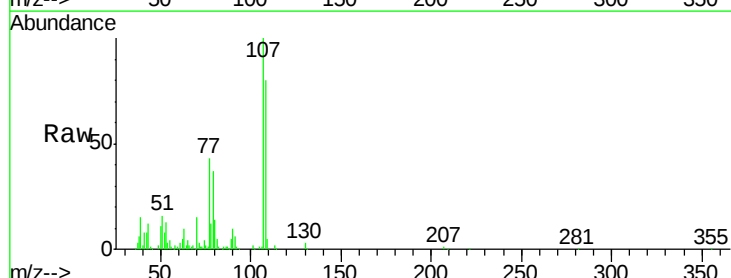
Ion Ratio Lower Upper

107 100

108 80.3 73.2 113.2

77 42.6 10.7 50.7

79 37.4 9.6 49.6



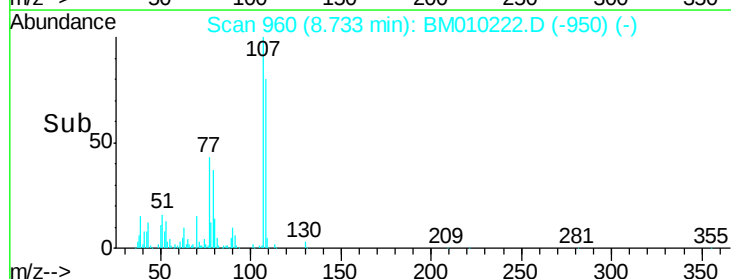
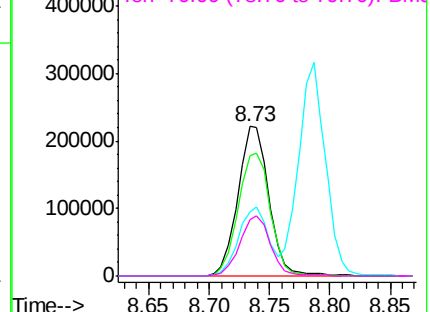
Abundance

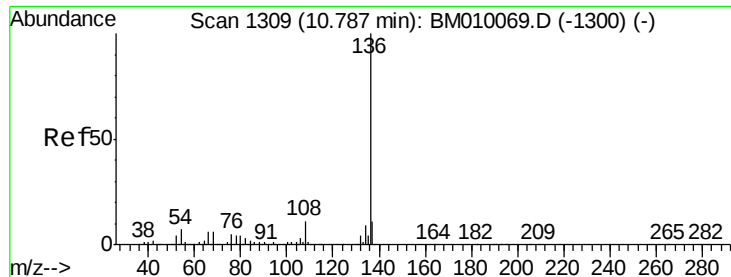
Ion 107.00 (106.70 to 107.70): BM010069.D (-957) (-)

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) (-)

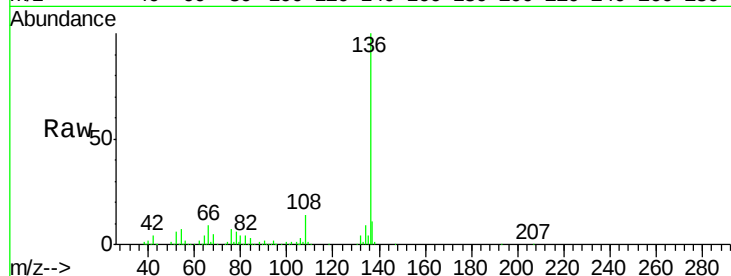




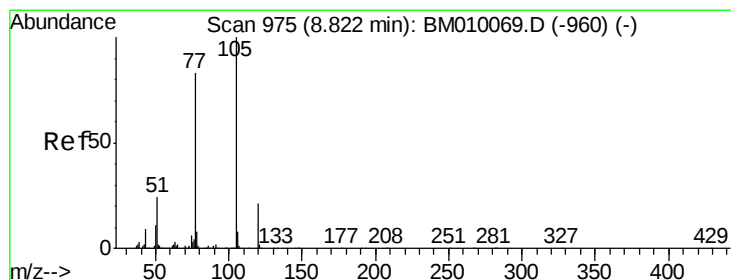
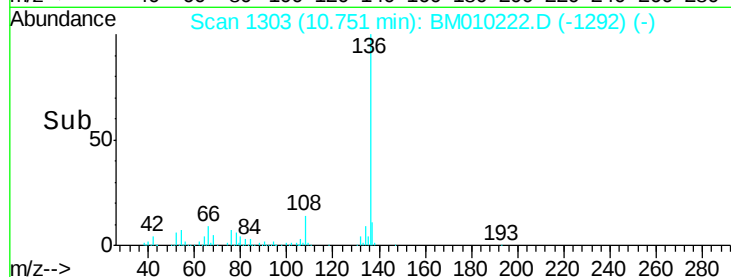
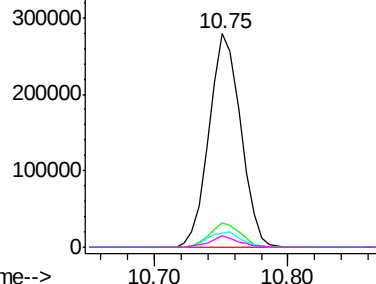
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.04 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

Instrument :
BNA_M
ClientSampleId :
PB99275BS

Tgt Ion:	136	Resp:	458462
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.7	13.1
54	6.7	4.6	6.8
68	5.1	3.7	5.5

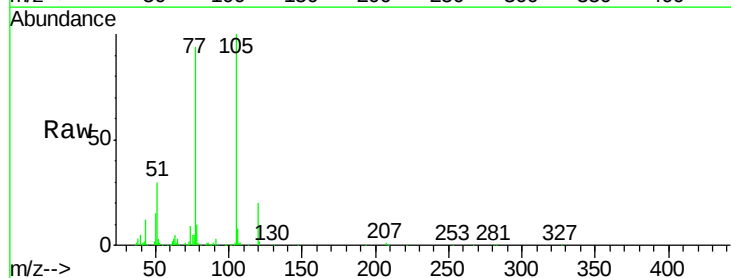


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

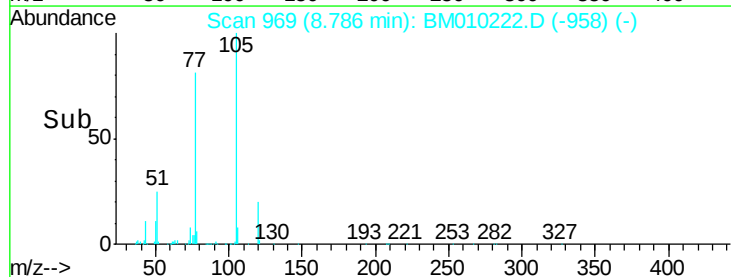
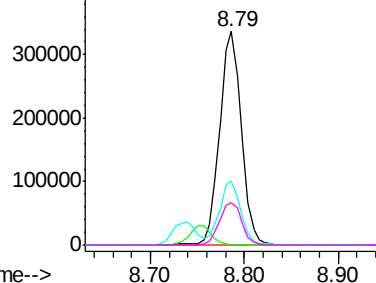


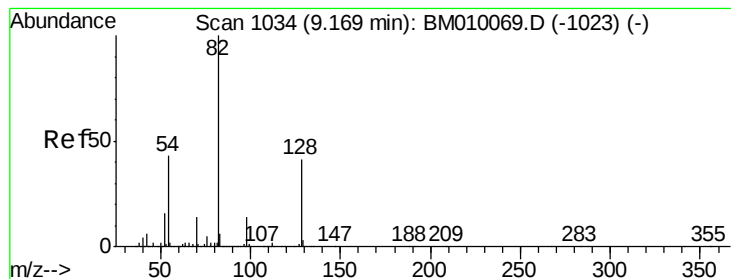
#22
Acetophenone
Concen: 45.95 ng
RT: 8.79 min Scan# 969
Delta R.T. -0.04 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

Tgt Ion:	105	Resp:	539958
Ion Ratio	Lower	Upper	
105	100		
71	0.1	0.6	1.0#
51	29.9	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: 108.85 ng

RT: 9.13 min Scan# 1028

Delta R.T. -0.04 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

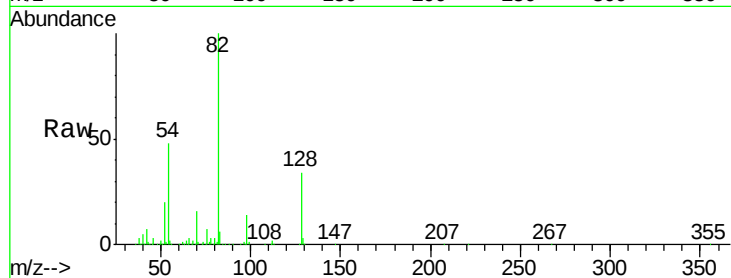
Tgt Ion: 82 Resp: 924976

Ion Ratio Lower Upper

82 100

128 34.4 32.8 49.2

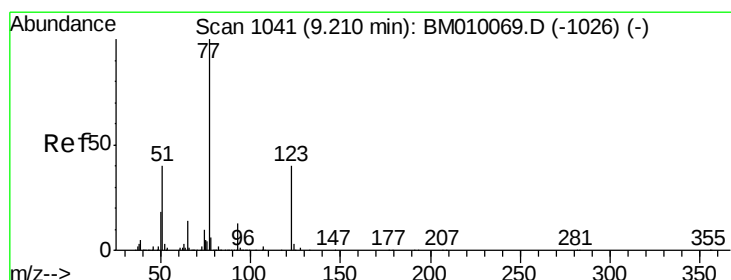
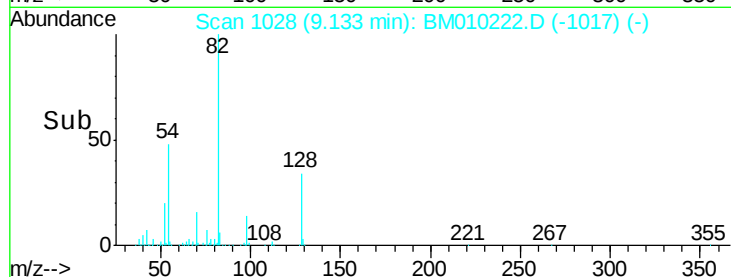
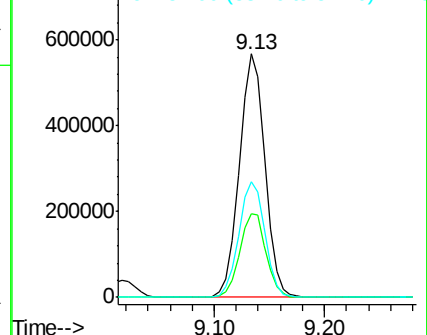
54 47.6 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM010069.D (-1023) (-)

Ion 128.00 (127.70 to 128.70): BM010069.D (-1023) (-)

Ion 54.00 (53.70 to 54.70): BM010069.D (-1023) (-)



#24

Nitrobenzene

Concen: 52.43 ng

RT: 9.17 min Scan# 1035

Delta R.T. -0.04 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

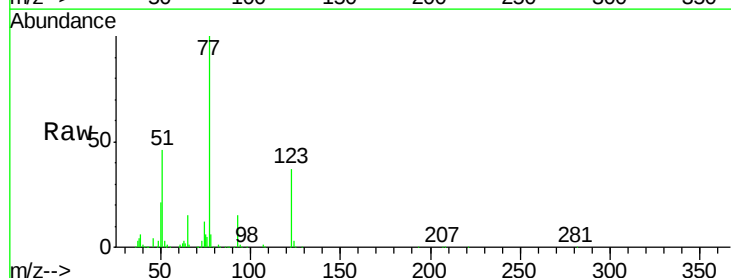
Tgt Ion: 77 Resp: 458954

Ion Ratio Lower Upper

77 100

123 37.0 32.6 49.0

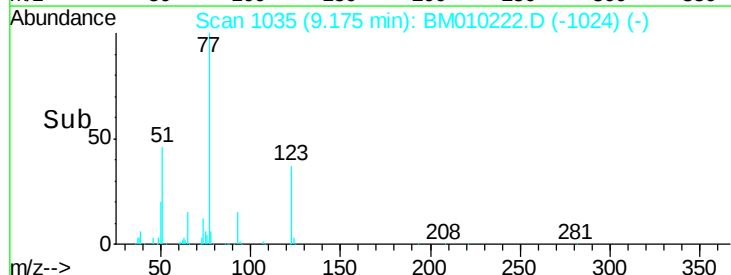
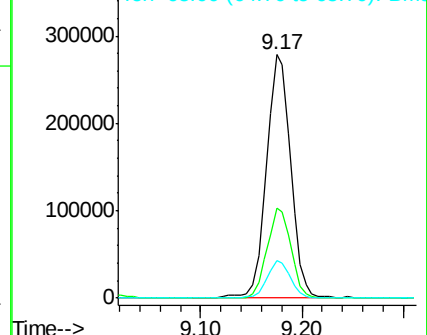
65 15.2 10.9 16.3

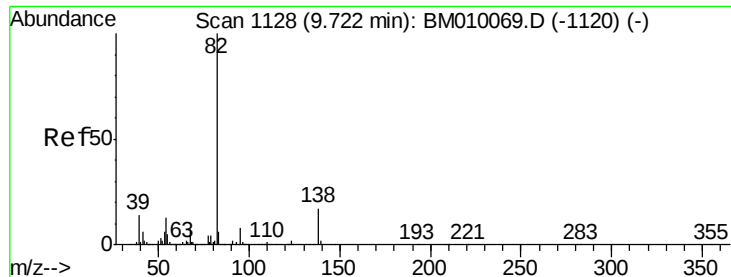


Abundance Ion 77.00 (76.70 to 77.70): BM010069.D (-1026) (-)

Ion 123.00 (122.70 to 123.70): BM010069.D (-1026) (-)

Ion 65.00 (64.70 to 65.70): BM010069.D (-1026) (-)

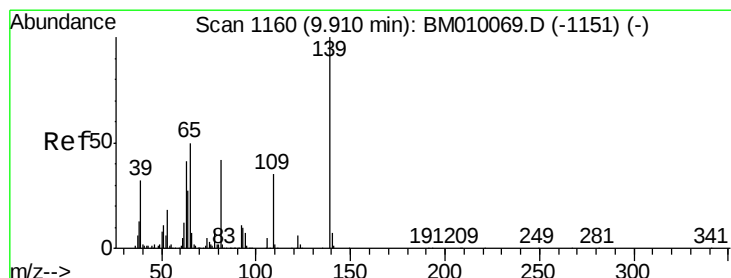
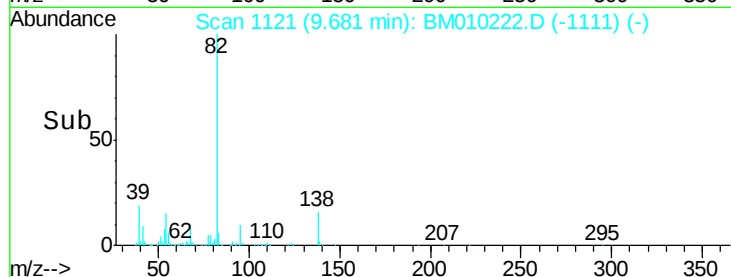
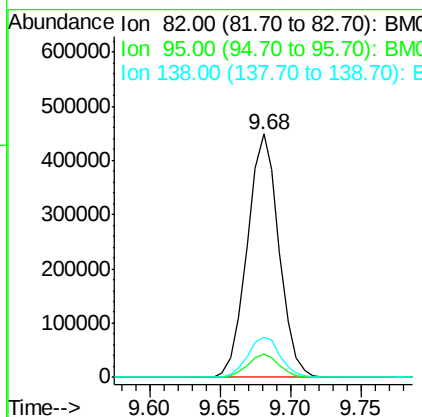
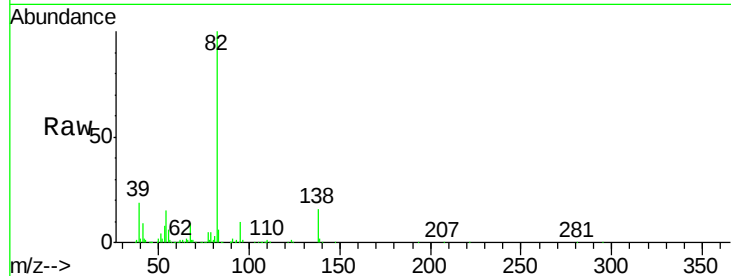




#25
Isophorone
Concen: 48.16 ng
RT: 9.68 min Scan# 1121
Delta R.T. -0.04 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

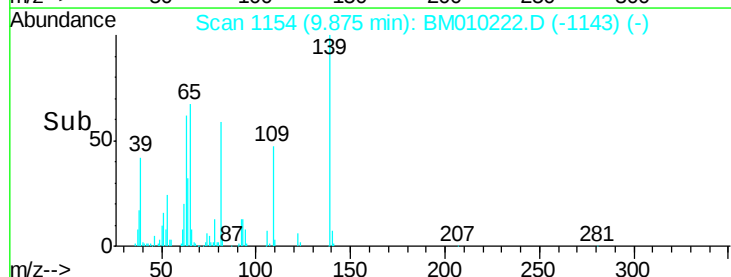
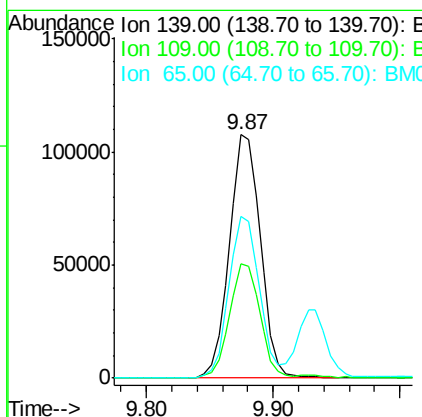
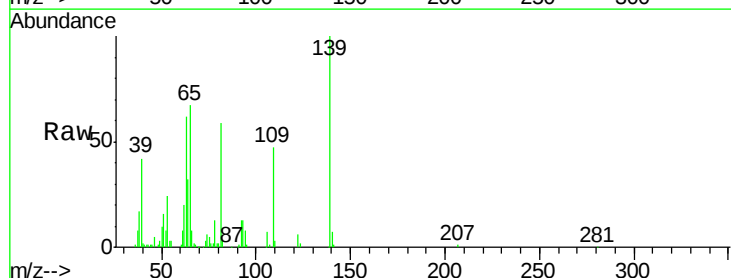
Instrument :
BNA_M
ClientSampleId :
PB99275BS

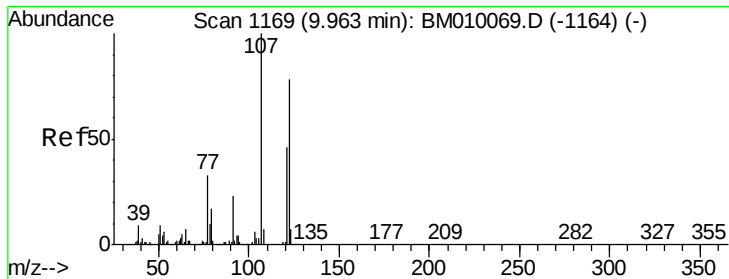
Tgt Ion: 82 Resp: 707174
Ion Ratio Lower Upper
82 100
95 9.7 5.8 8.6#
138 16.3 16.3 24.5#



#26
2-Nitrophenol
Concen: 49.39 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.04 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

Tgt Ion: 139 Resp: 182254
Ion Ratio Lower Upper
139 100
109 46.7 20.1 30.1#
65 66.6 31.5 47.3#

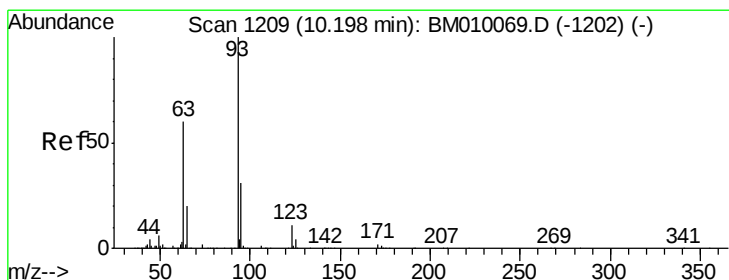
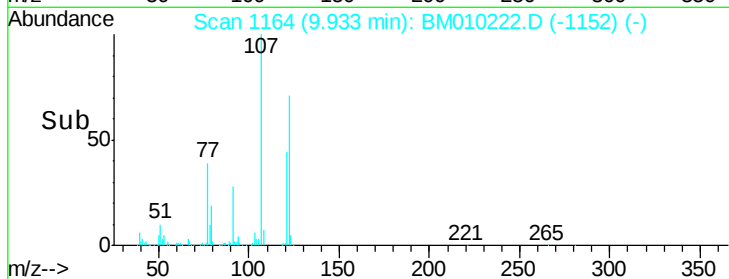
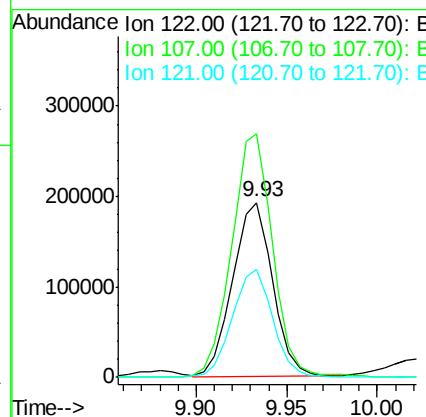
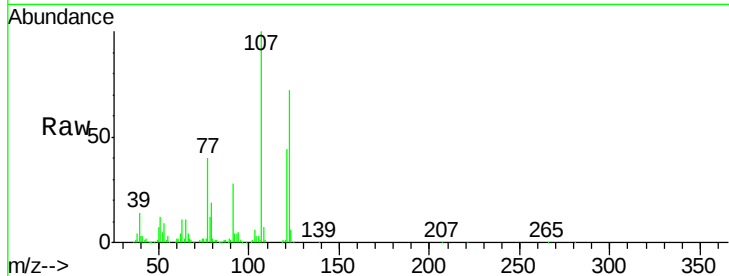




#27
2,4-Dimethylphenol
Concen: 43.92 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

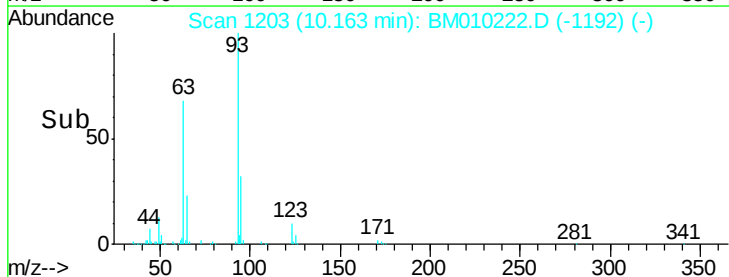
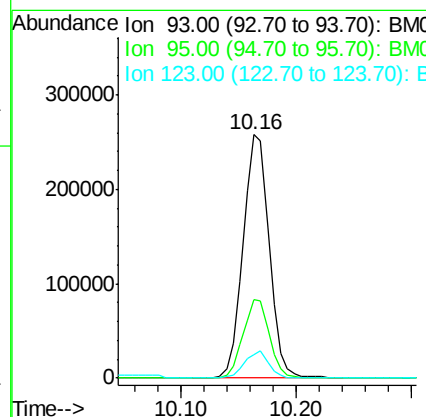
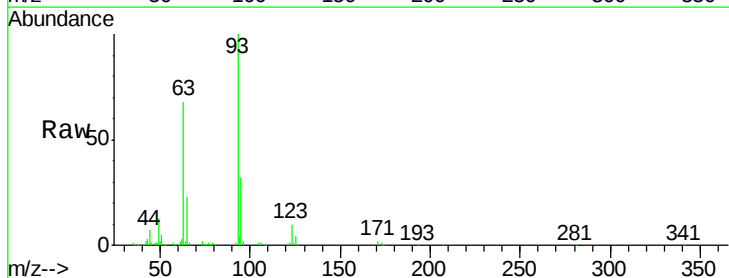
Instrument :
BNA_M
ClientSampleId :
PB99275BS

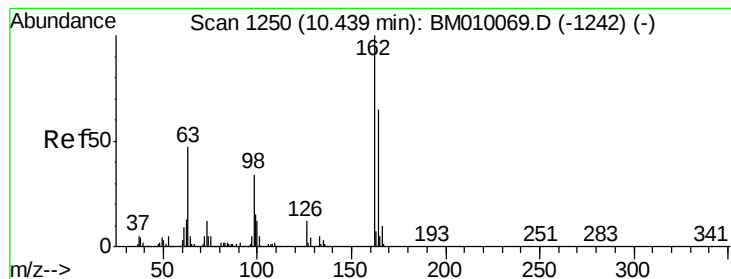
Tgt Ion	Ratio	Lower	Upper
122	100		
107	139.2	84.7	127.1#
121	61.5	46.6	69.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.36 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.5	38.3
123	9.9	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 48.97 ng

RT: 10.40 min Scan# 1244

Delta R.T. -0.04 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

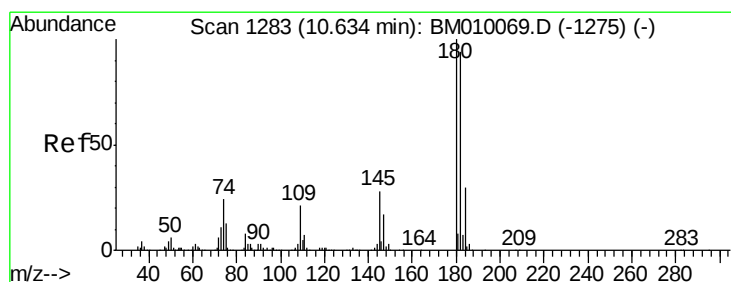
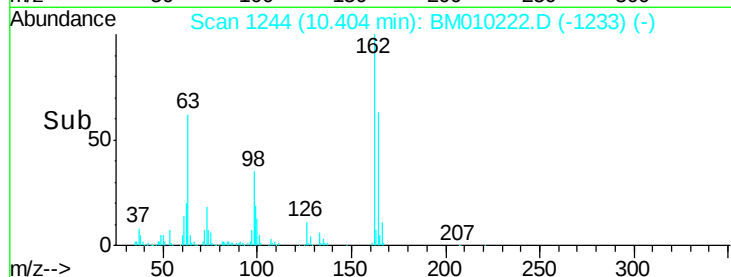
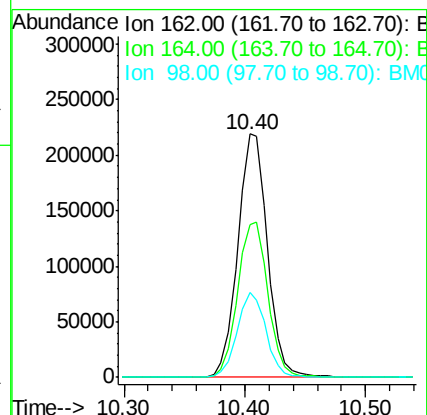
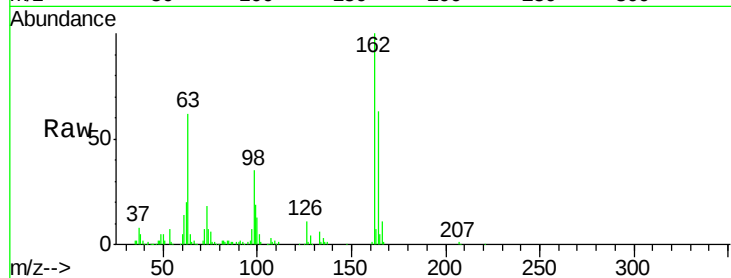
Tgt Ion:162 Resp: 375648

Ion Ratio Lower Upper

162 100

164 63.0 42.8 82.8

98 35.0 14.5 54.5



#30

1,2,4-Trichlorobenzene

Concen: 47.48 ng

RT: 10.60 min Scan# 1278

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

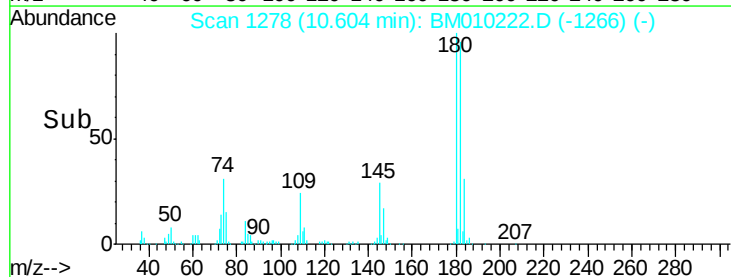
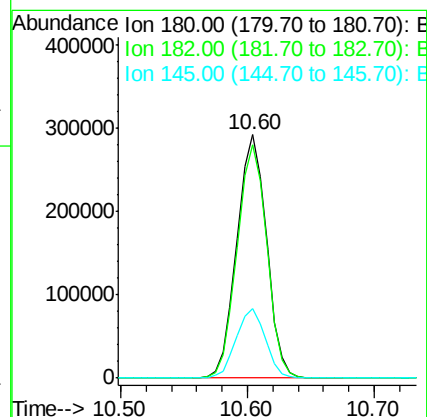
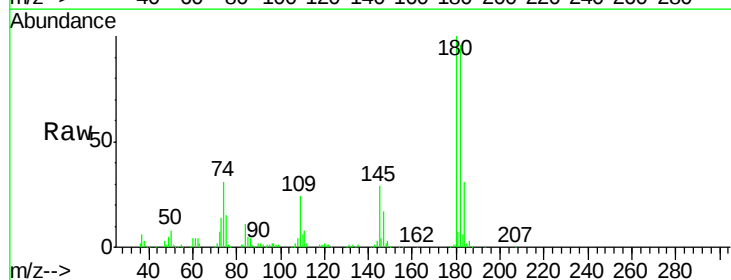
Tgt Ion:180 Resp: 471282

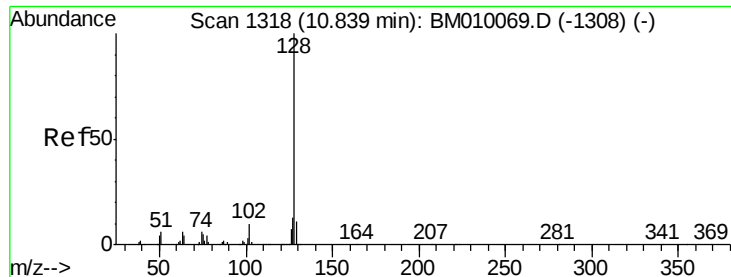
Ion Ratio Lower Upper

180 100

182 96.0 77.6 116.4

145 28.7 23.4 35.2

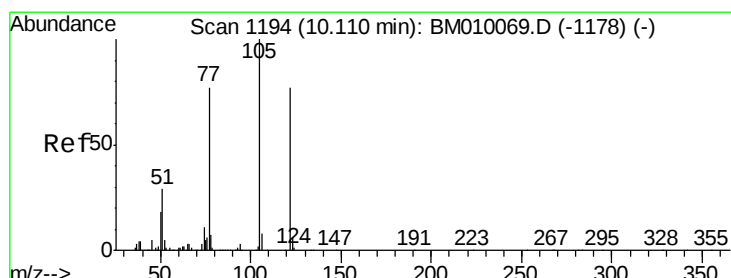
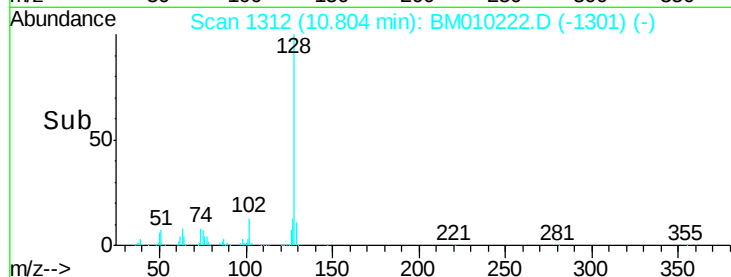
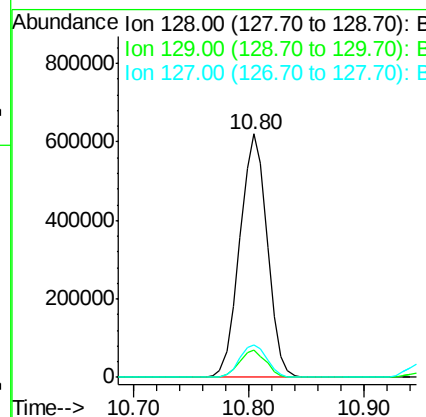
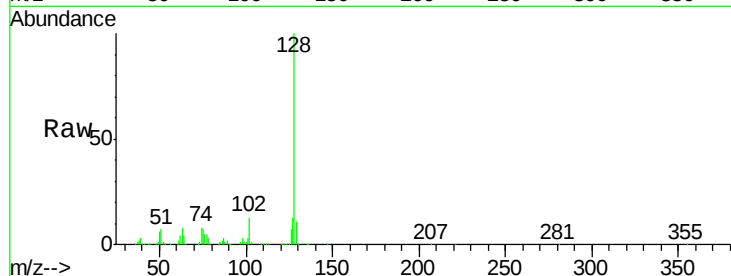




#31
Naphthalene
Concen: 41.63 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

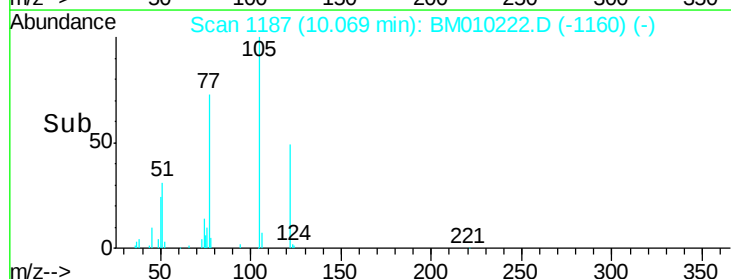
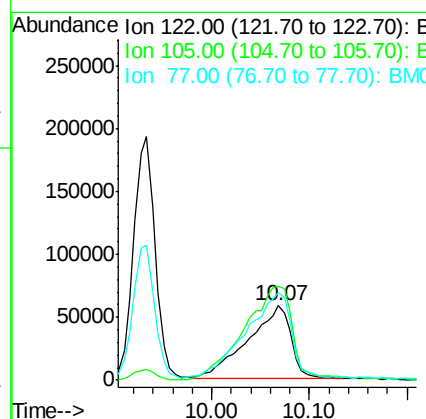
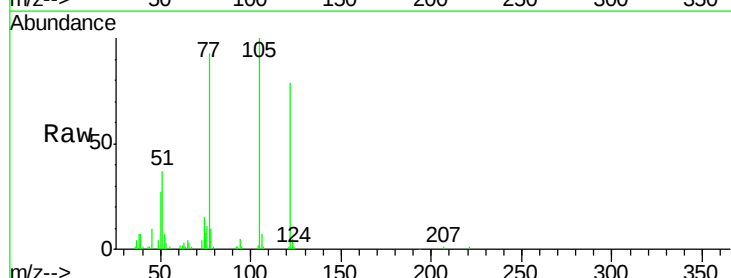
Instrument :
BNA_M
ClientSampleId :
PB99275BS

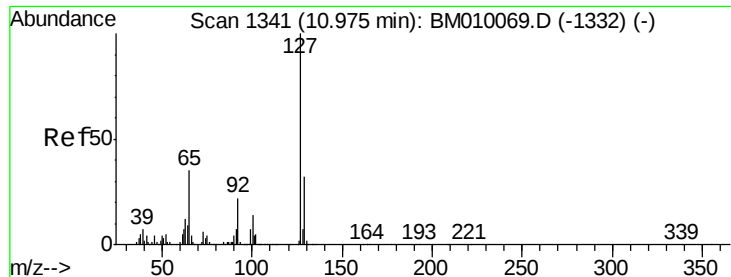
Tgt Ion:128 Resp: 1020980
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 39.41 ng
RT: 10.07 min Scan# 1187
Delta R.T. -0.04 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

Tgt Ion:122 Resp: 178930
Ion Ratio Lower Upper
122 100
105 125.9 99.9 139.9
77 117.5 73.7 113.7#

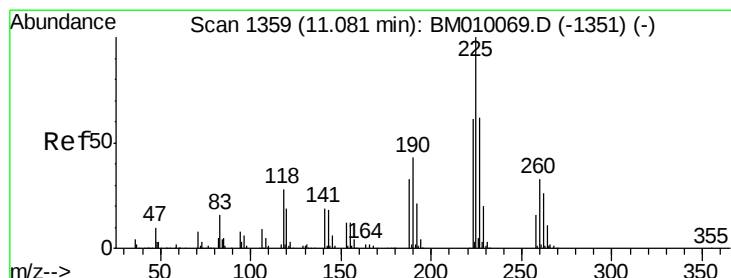
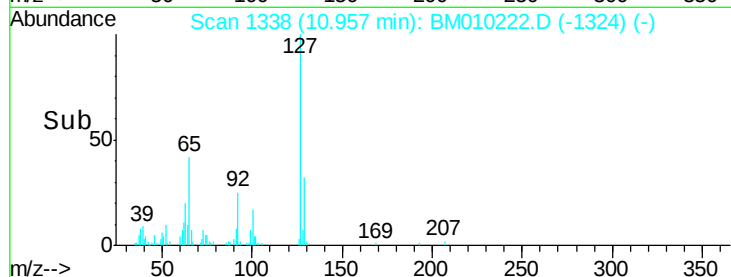
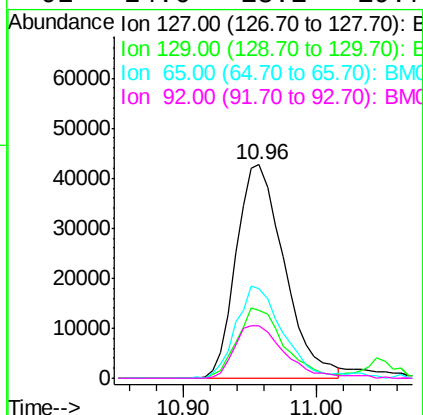
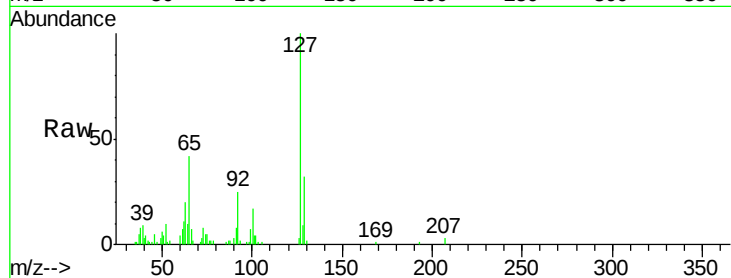




#33
4-Chloroaniline
Concen: 11.31 ng
RT: 10.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

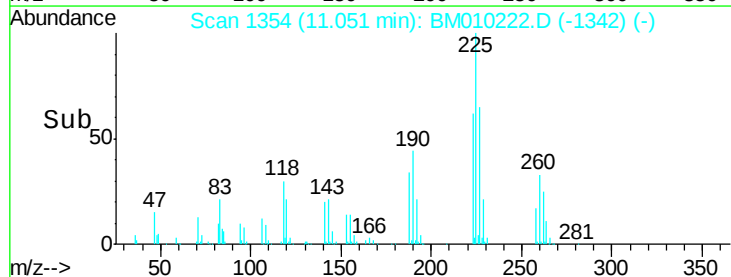
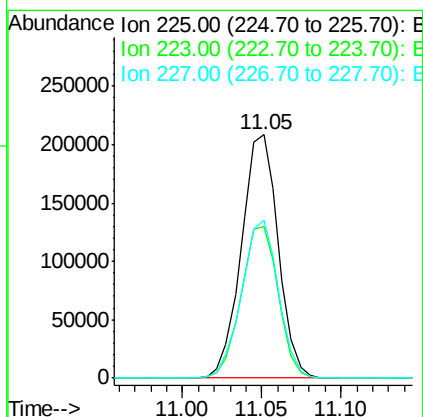
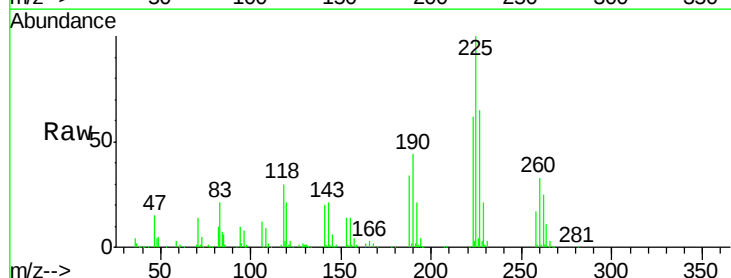
Instrument :
BNA_M
ClientSampleId :
PB99275BS

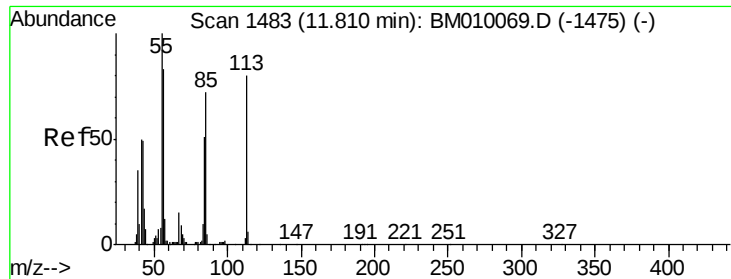
Tgt Ion:	127	Resp:	106903
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.3	37.9
65	42.0	17.6	26.4
92	24.6	13.1	19.7



#34
Hexachlorobutadiene
Concen: 50.67 ng
RT: 11.05 min Scan# 1354
Delta R.T. -0.03 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

Tgt Ion:	225	Resp:	335456
Ion	Ratio	Lower	Upper
225	100		
223	62.0	47.9	71.9
227	65.1	50.1	75.1

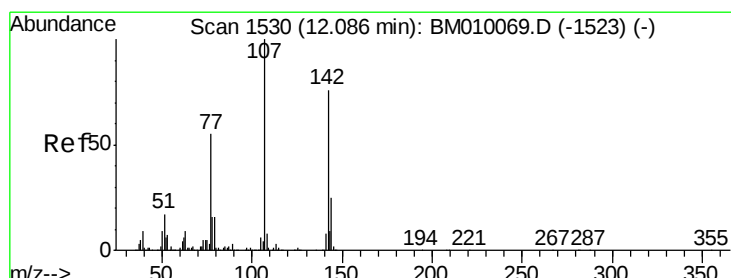
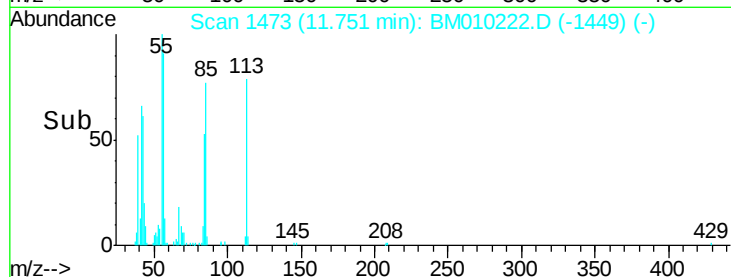
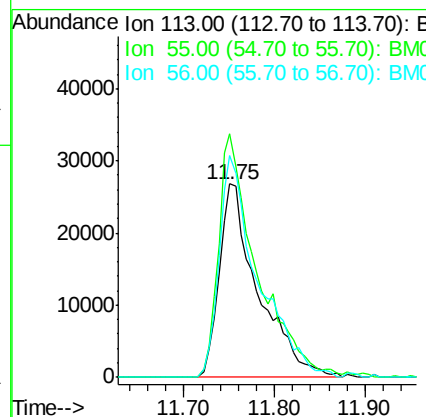
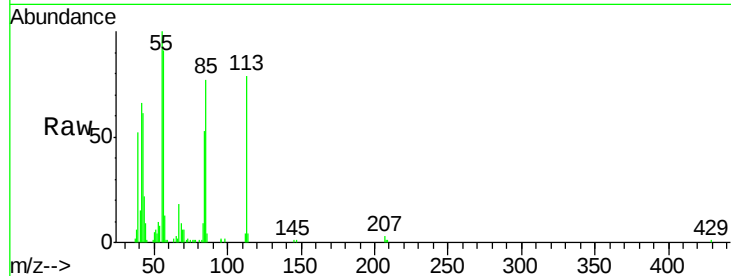




#35
 Caprolactam
 Concen: 36.12 ng
 RT: 11.75 min Scan# 1473
 Delta R.T. -0.06 min
 Lab File: BM010222.D
 Acq: 25 May 2017 18:08

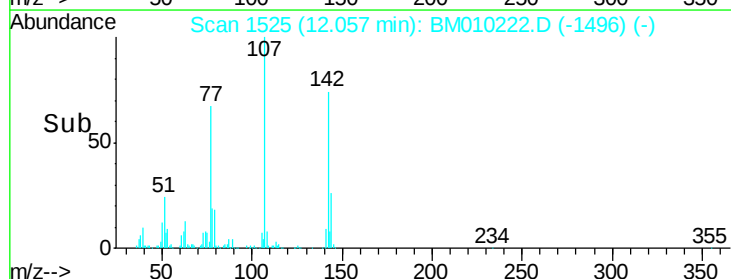
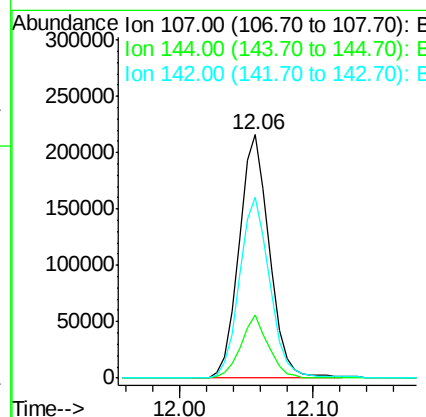
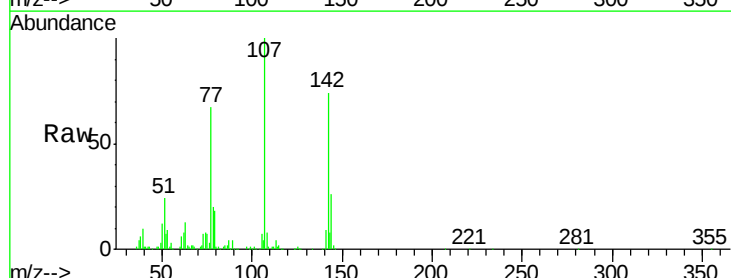
Instrument :
 BNA_M
 ClientSampleId :
 PB99275BS

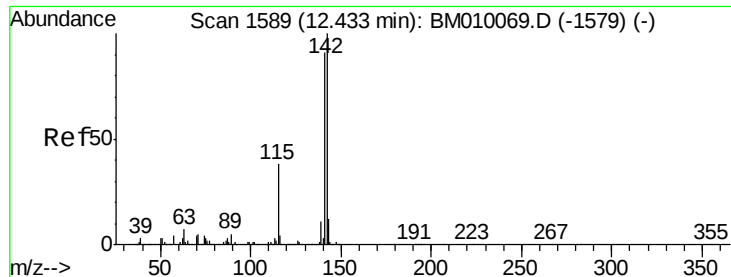
Tgt Ion:113 Resp: 79498
 Ion Ratio Lower Upper
 113 100
 55 125.8 145.9 185.9#
 56 114.5 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.89 ng
 RT: 12.06 min Scan# 1525
 Delta R.T. -0.03 min
 Lab File: BM010222.D
 Acq: 25 May 2017 18:08

Tgt Ion:107 Resp: 339702
 Ion Ratio Lower Upper
 107 100
 144 26.2 23.3 34.9
 142 74.5 72.6 109.0

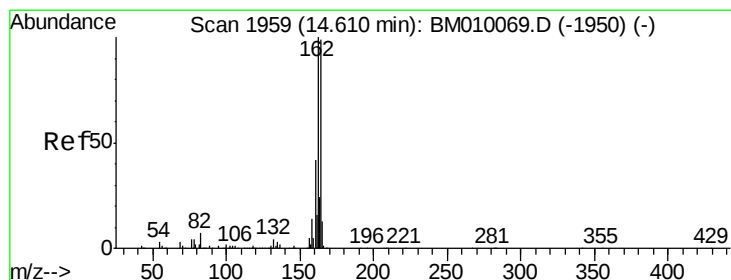
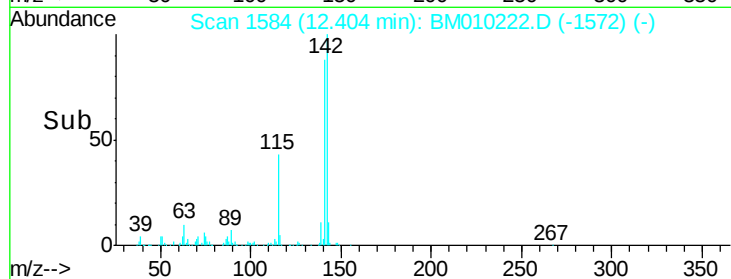
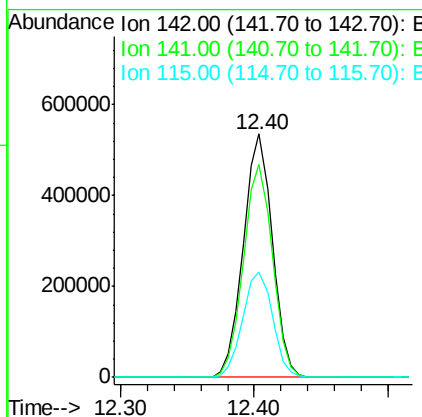
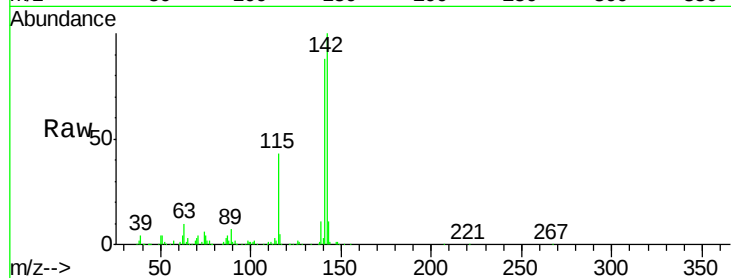




#37
 2-Methylnaphthalene
 Concen: 45.43 ng
 RT: 12.40 min Scan# 1584
 Delta R.T. -0.03 min
 Lab File: BM010222.D
 Acq: 25 May 2017 18:08

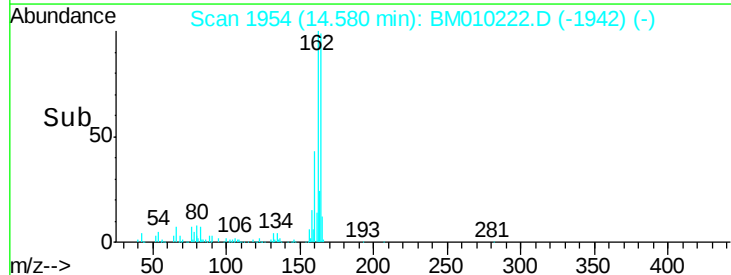
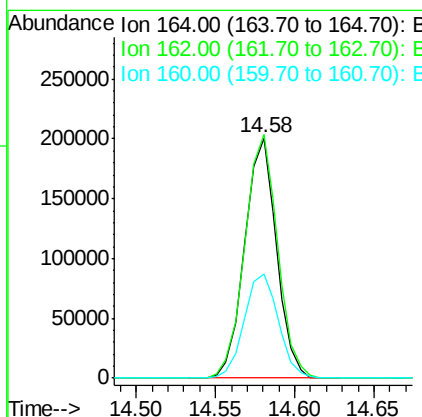
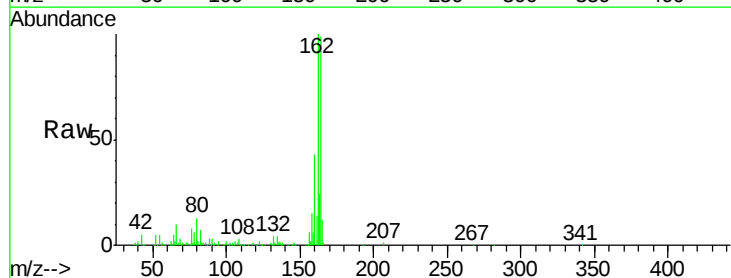
Instrument :
 BNA_M
 ClientSampleId :
 PB99275BS

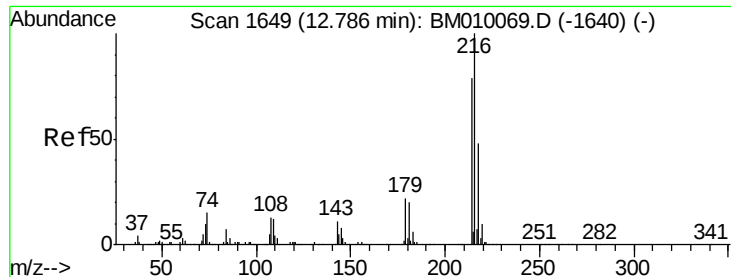
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.9	107.9
115	43.2	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.58 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BM010222.D
 Acq: 25 May 2017 18:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.4	123.6
160	43.4	35.8	53.6

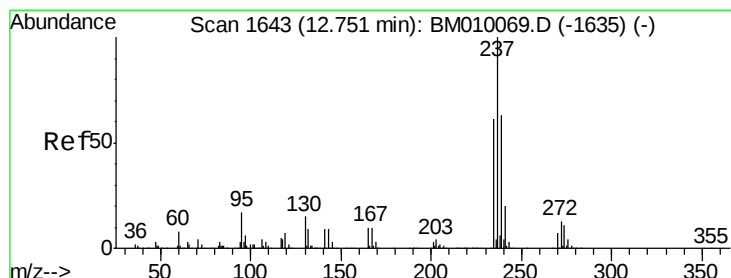
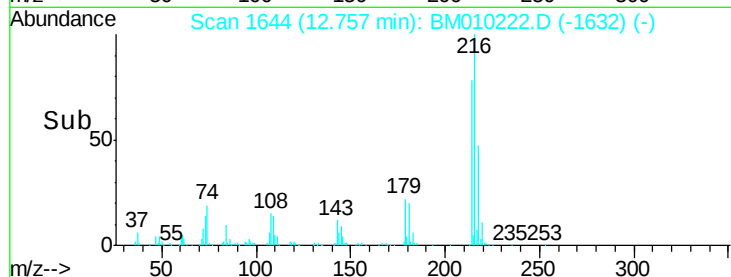
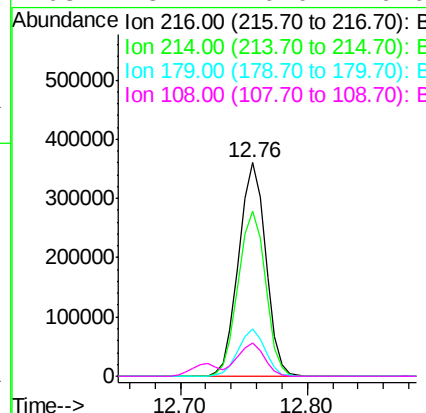
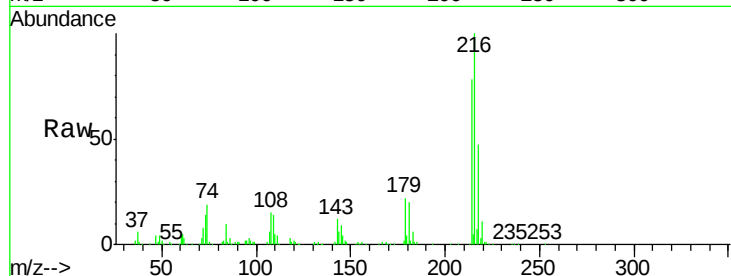




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.57 ng
 RT: 12.76 min Scan# 1644
 Delta R.T. -0.03 min
 Lab File: BM010222.D
 Acq: 25 May 2017 18:08

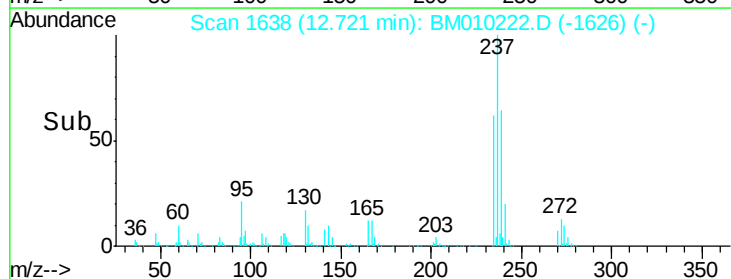
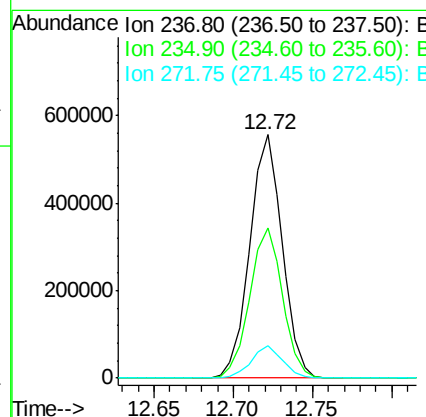
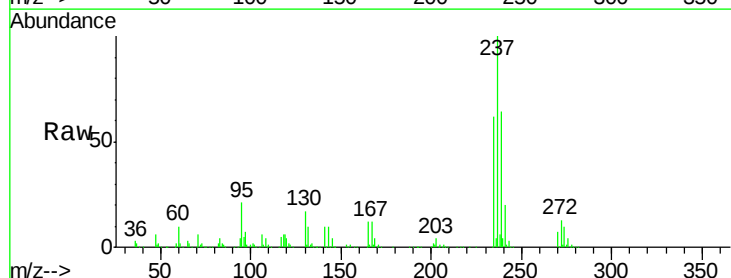
Instrument :
 BNA_M
 ClientSampleId :
 PB99275BS

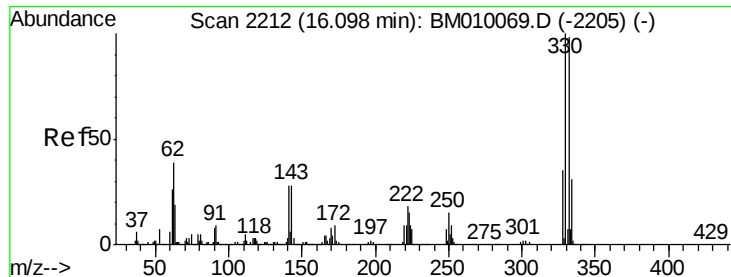
Tgt Ion:	216	Resp:	532408
Ion	Ratio	Lower	Upper
216	100		
214	78.2	0.0	0.0#
179	21.7	0.0	0.0#
108	15.1	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 127.36 ng
 RT: 12.72 min Scan# 1638
 Delta R.T. -0.03 min
 Lab File: BM010222.D
 Acq: 25 May 2017 18:08

Tgt Ion:	237	Resp:	789929
Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.0	82.0
272	13.3	0.0	33.4

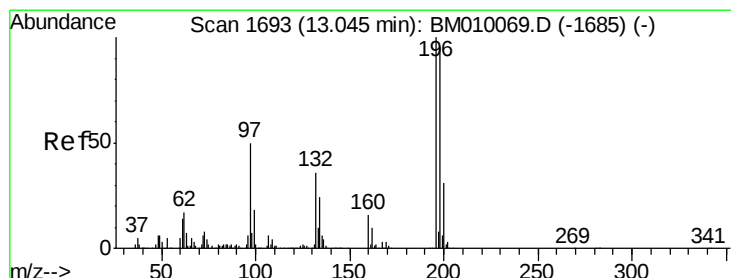
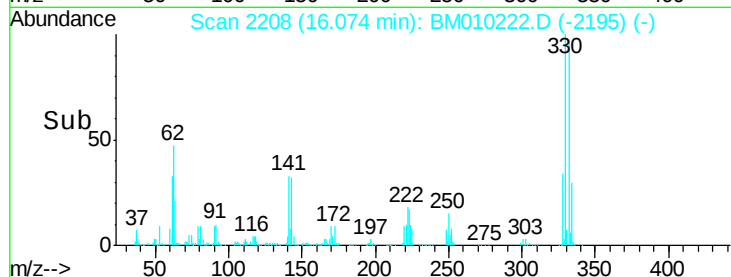
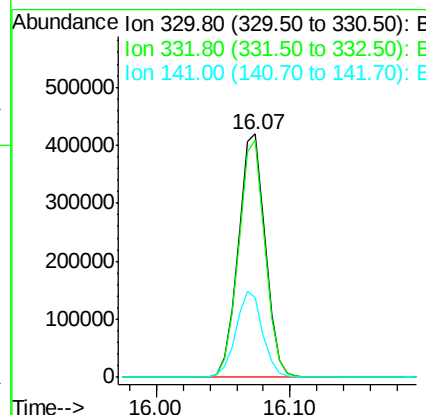
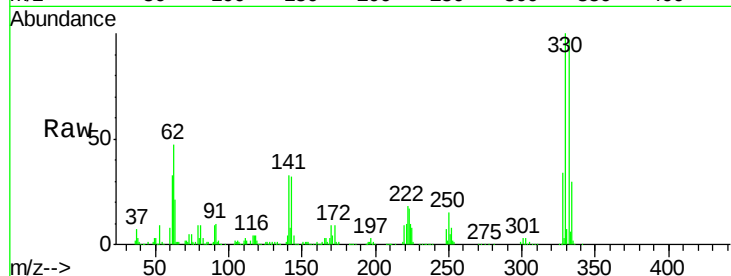




#41
 2,4,6-Tribromophenol
 Concen: 138.65 ng
 RT: 16.07 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BM010222.D
 Acq: 25 May 2017 18:08

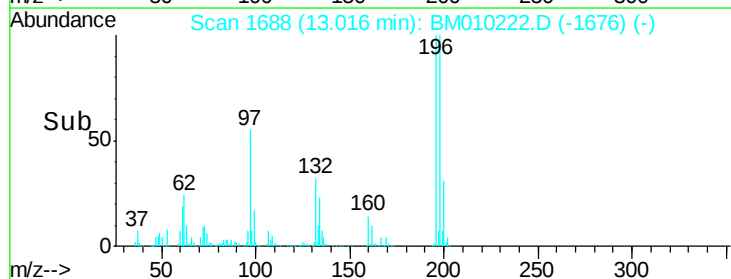
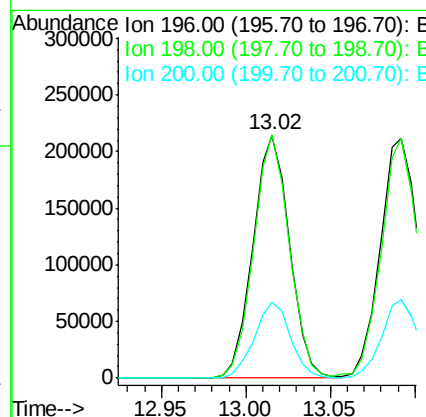
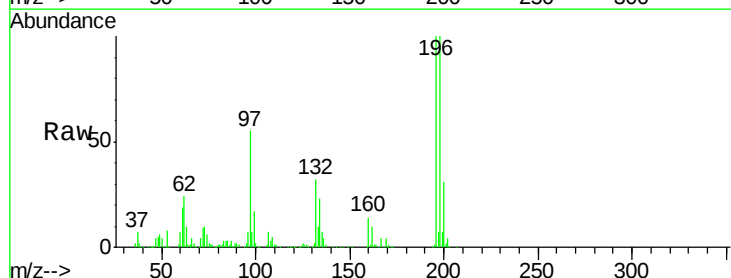
Instrument :
 BNA_M
 ClientSampleId :
 PB99275BS

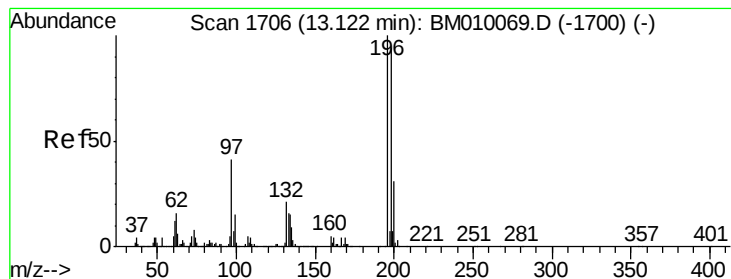
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	35.1	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 51.10 ng
 RT: 13.02 min Scan# 1688
 Delta R.T. -0.03 min
 Lab File: BM010222.D
 Acq: 25 May 2017 18:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.2	76.3	114.5
200	31.4	25.6	38.4





#43

2,4,5-Trichlorophenol

Concen: 47.51 ng

RT: 13.09 min Scan# 1701

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

Tgt Ion:196 Resp: 332114

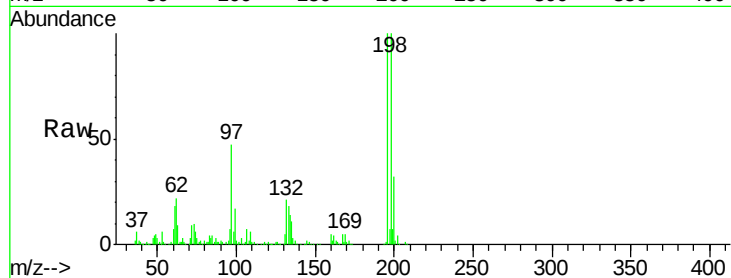
Ion Ratio Lower Upper

196 100

198 99.5 79.4 119.0

97 47.3 26.8 40.2#

132 21.1 18.6 28.0

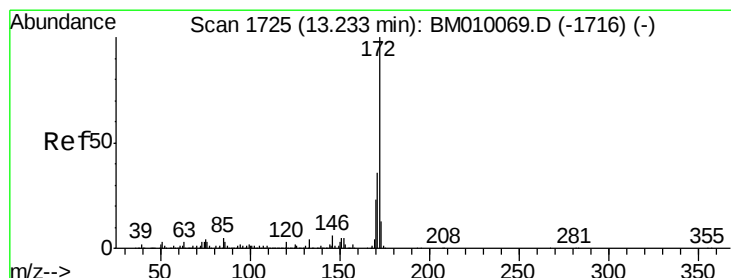
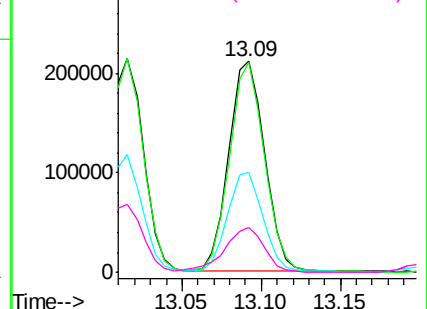
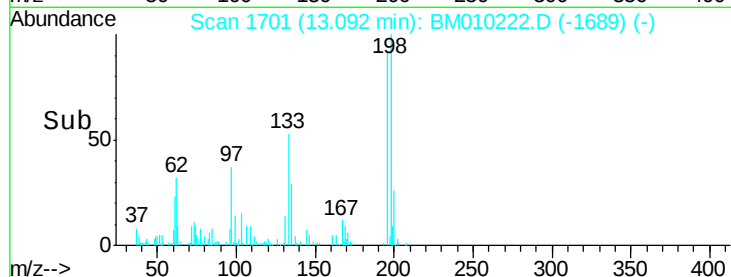


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 107.14 ng

RT: 13.20 min Scan# 1719

Delta R.T. -0.04 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

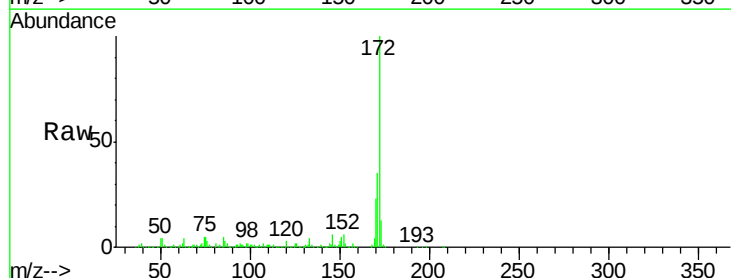
Tgt Ion:172 Resp: 2328028

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

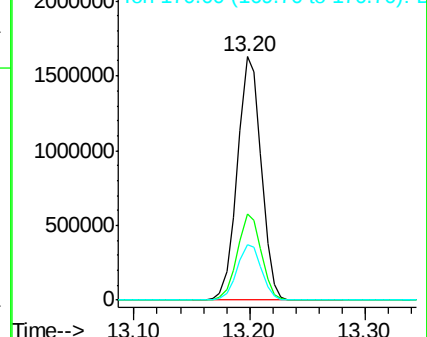
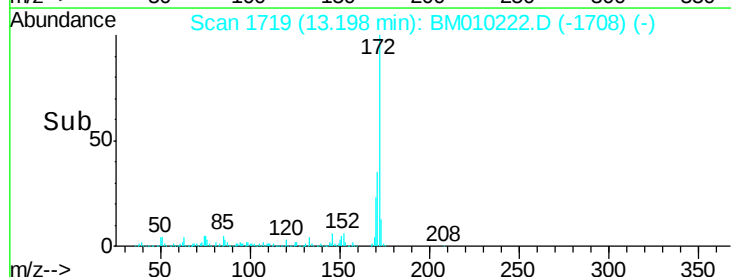
170 22.9 18.8 28.2

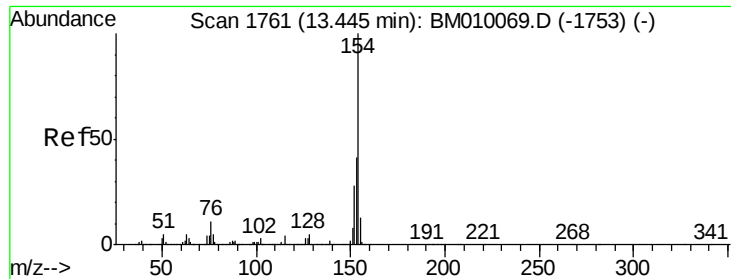


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

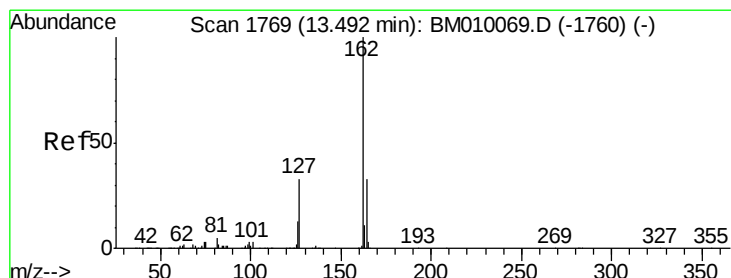
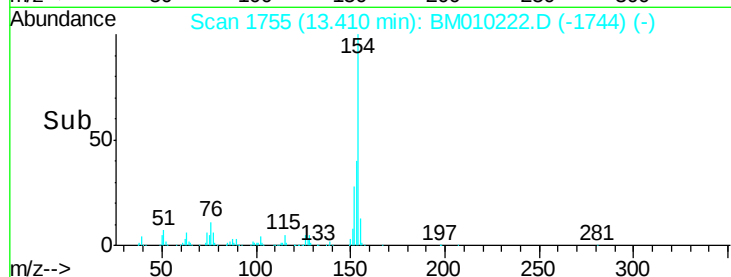
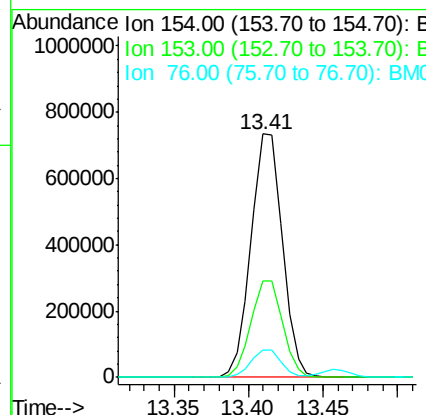
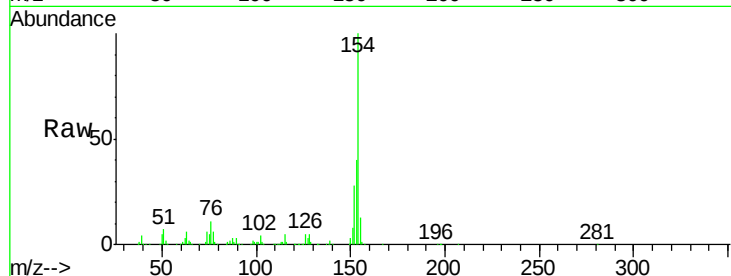




#45
 1,1'-Biphenyl
 Concen: 46.53 ng
 RT: 13.41 min Scan# 1755
 Delta R.T. -0.04 min
 Lab File: BM010222.D
 Acq: 25 May 2017 18:08

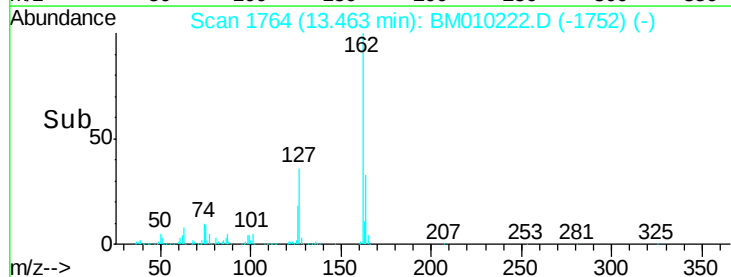
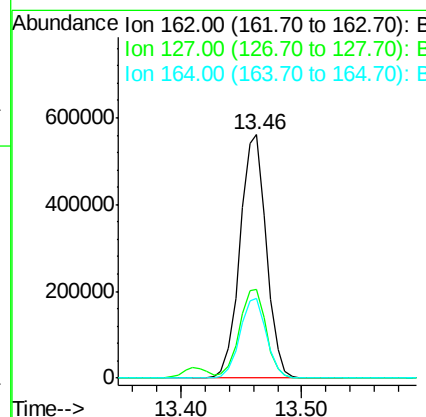
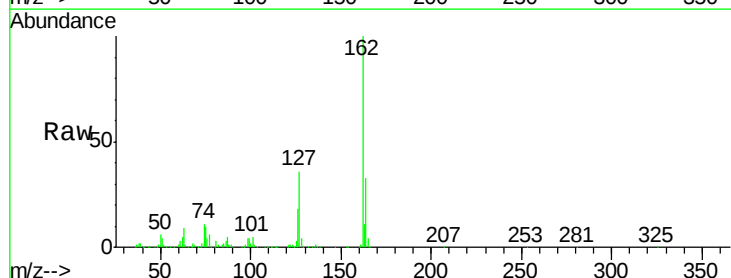
Instrument :
 BNA_M
 ClientSampleId :
 PB99275BS

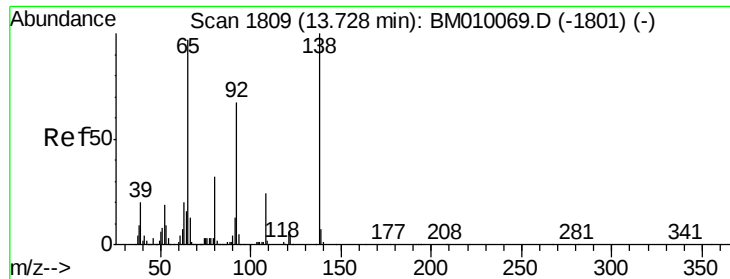
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.7	60.7
76	11.1	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 45.76 ng
 RT: 13.46 min Scan# 1764
 Delta R.T. -0.03 min
 Lab File: BM010222.D
 Acq: 25 May 2017 18:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.4	26.9	40.3
164	32.8	26.8	40.2

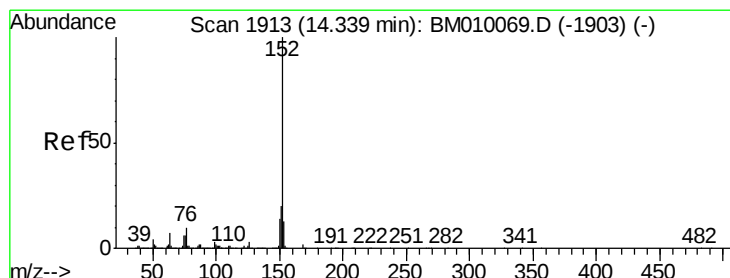
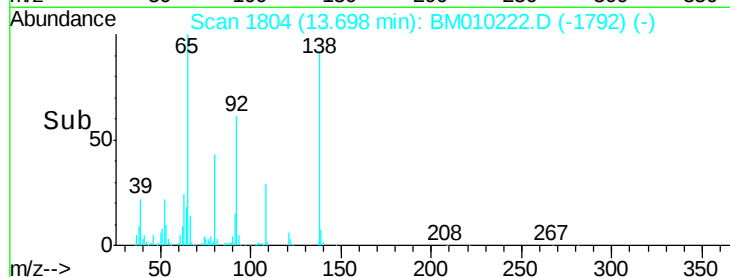
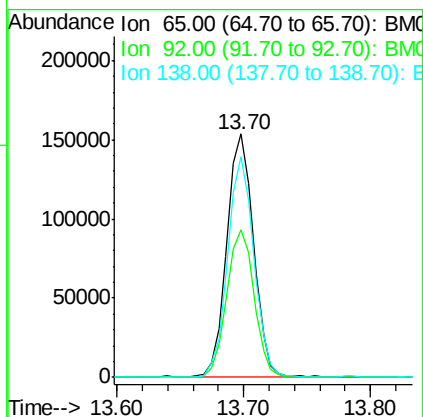
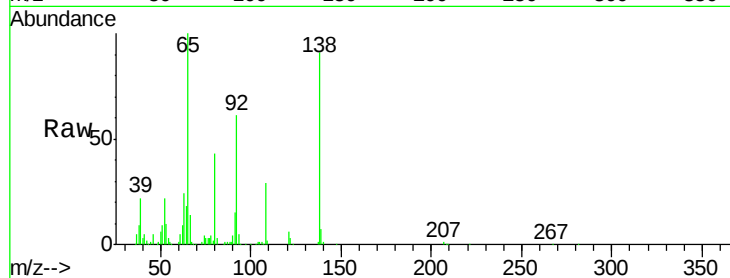




#47
2-Nitroaniline
Concen: 47.01 ng
RT: 13.70 min Scan# 1804
Delta R.T. -0.03 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

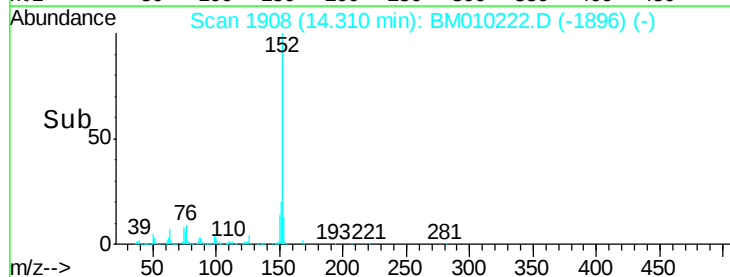
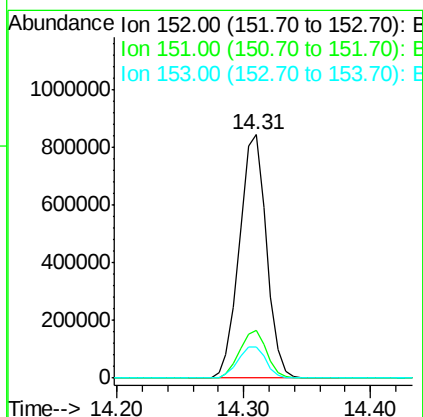
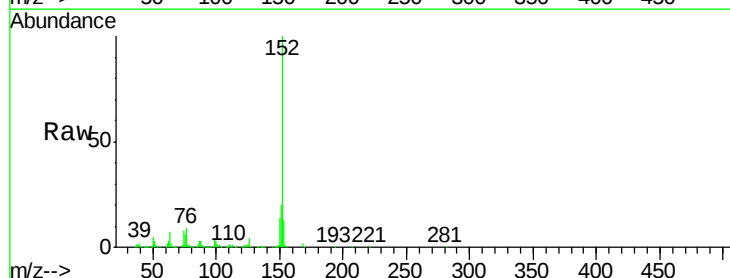
Instrument :
BNA_M
ClientSampleId :
PB99275BS

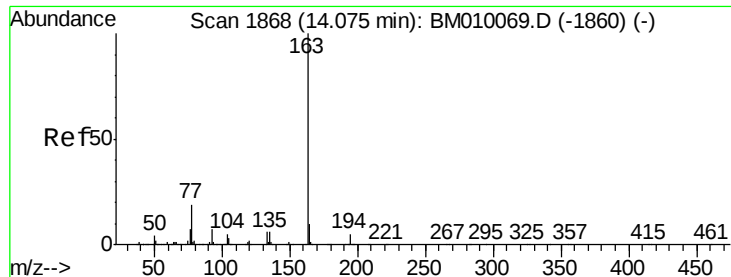
Tgt Ion: 65 Resp: 224836
Ion Ratio Lower Upper
65 100
92 60.5 59.1 88.7
138 90.5 93.9 140.9#



#48
Acenaphthylene
Concen: 45.24 ng
RT: 14.31 min Scan# 1908
Delta R.T. -0.03 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

Tgt Ion: 152 Resp: 1244100
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 12.7 10.6 16.0





#49

Dimethylphthalate

Concen: 40.43 ng

RT: 14.04 min Scan# 1863

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

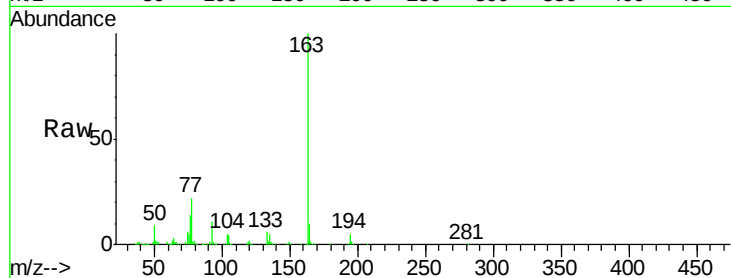
Tgt Ion:163 Resp: 1007460

Ion Ratio Lower Upper

163 100

194 4.7 2.7 4.1#

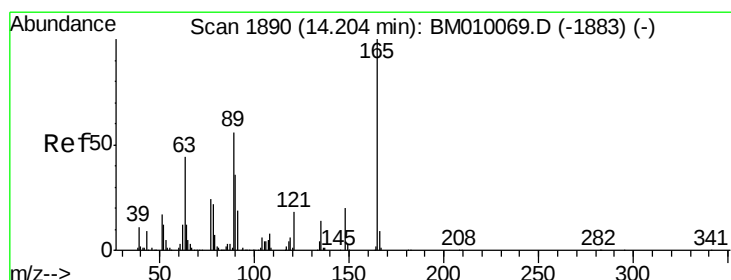
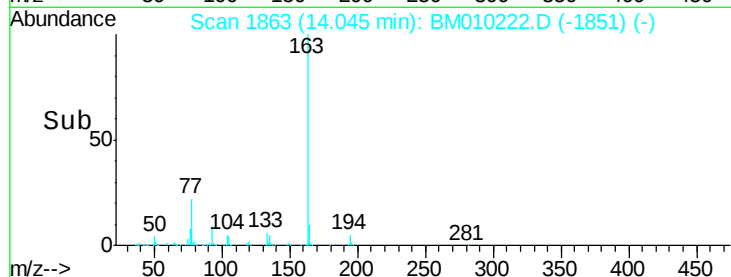
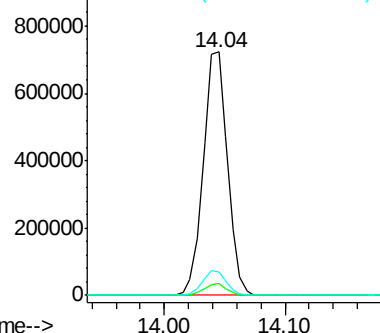
164 9.7 8.2 12.2



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: 44.14 ng

RT: 14.17 min Scan# 1885

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

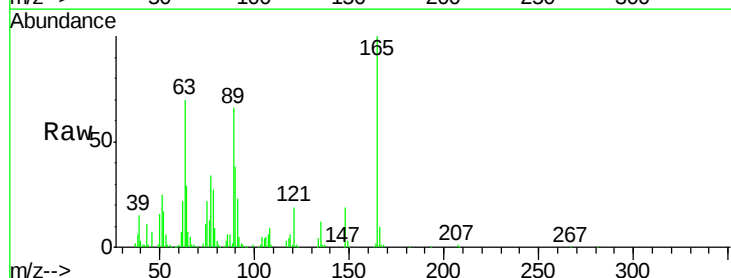
Tgt Ion:165 Resp: 208841

Ion Ratio Lower Upper

165 100

63 69.6 44.1 66.1#

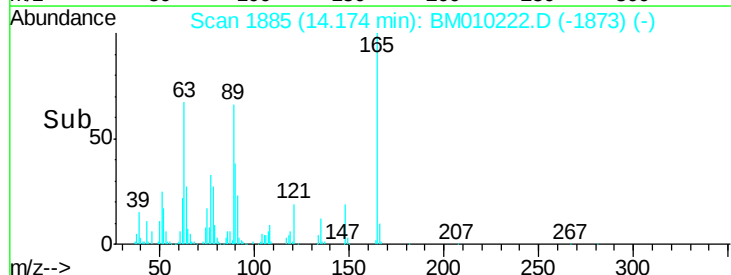
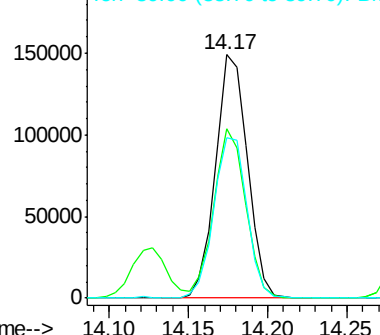
89 65.9 44.3 66.5

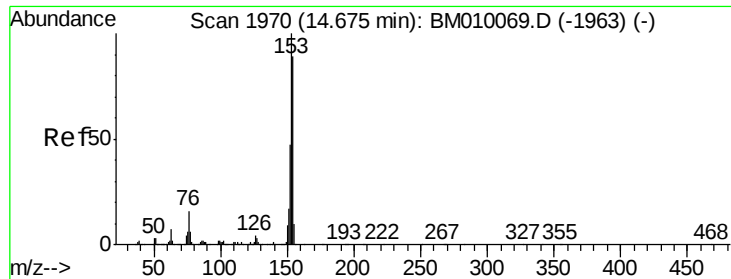


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 44.22 ng

RT: 14.64 min Scan# 1965

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

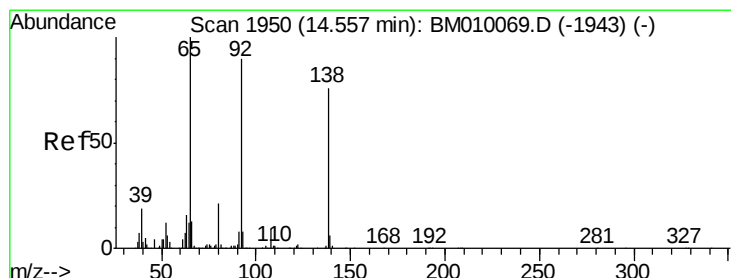
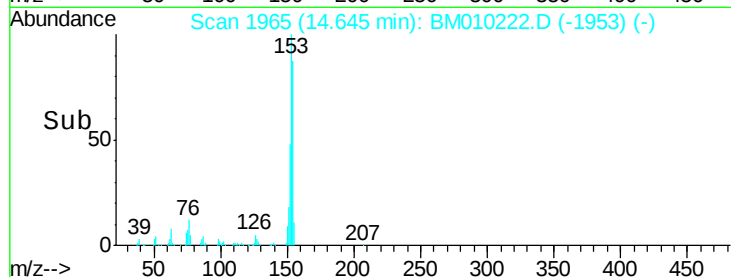
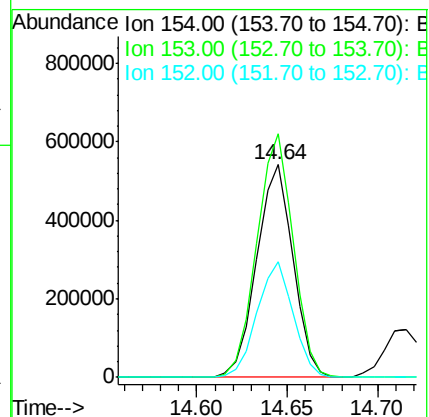
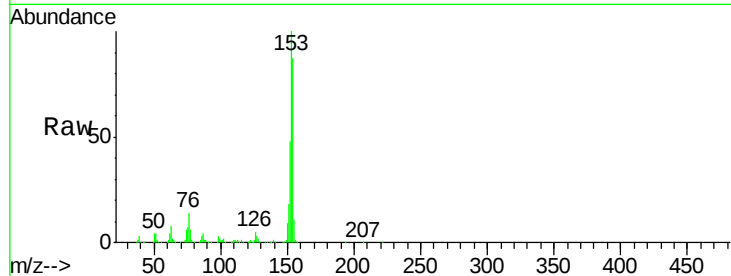
Tgt Ion:154 Resp: 755899

Ion Ratio Lower Upper

154 100

153 114.5 90.0 135.0

152 54.7 42.6 63.8



#52

3-Nitroaniline

Concen: 36.04 ng

RT: 14.53 min Scan# 1945

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

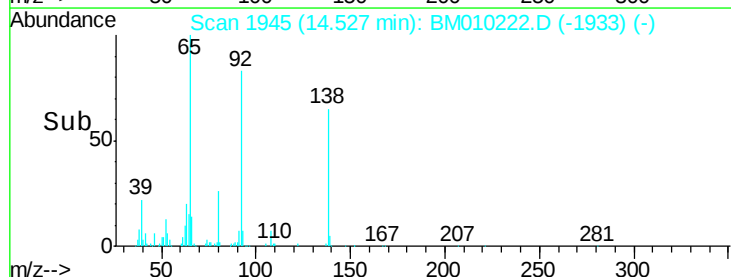
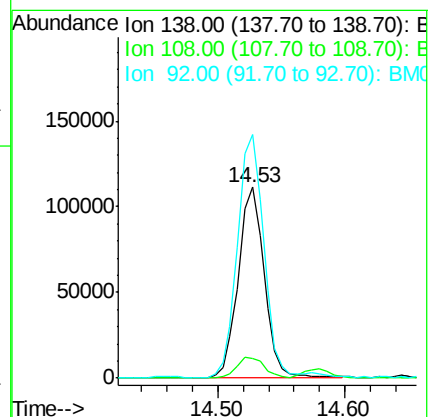
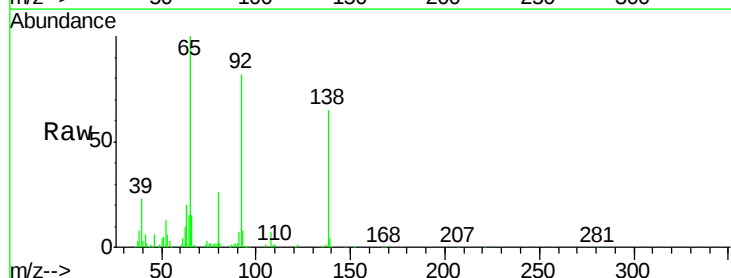
Tgt Ion:138 Resp: 158468

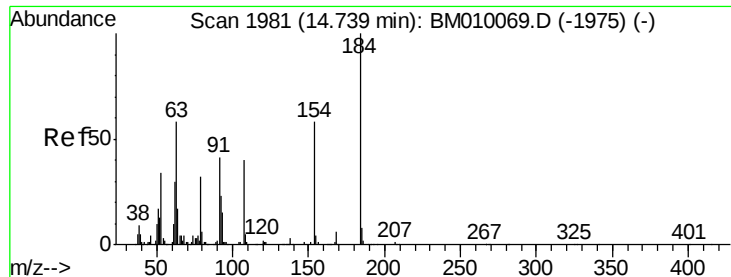
Ion Ratio Lower Upper

138 100

108 10.1 7.3 10.9

92 127.7 76.6 114.8#

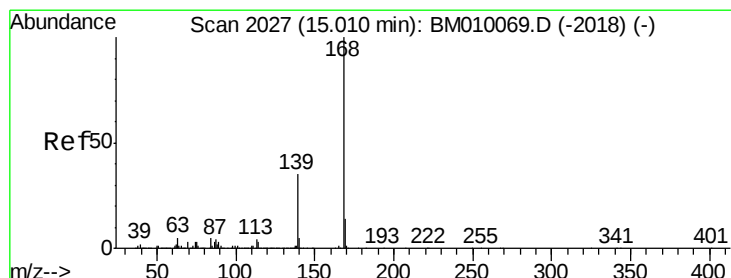
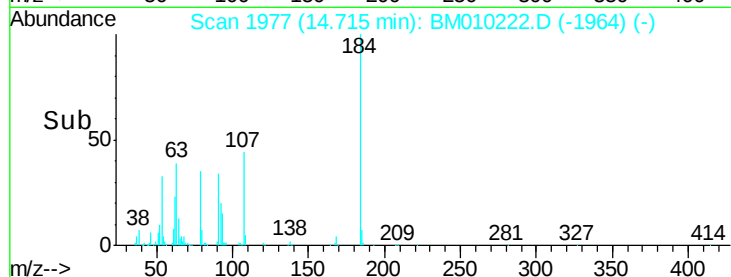
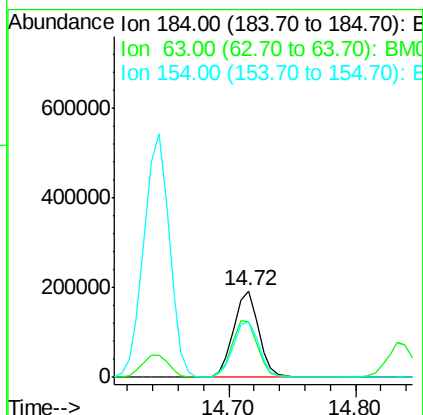
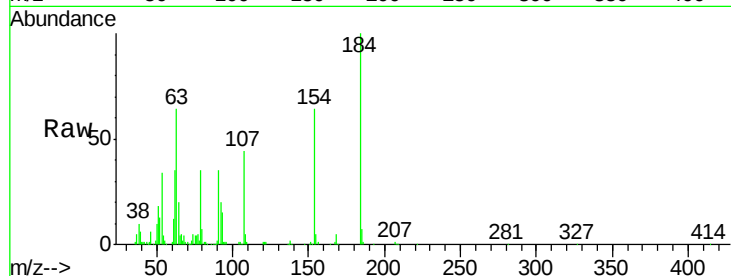




#53
2,4-Dinitrophenol
Concen: 83.41 ng
RT: 14.72 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

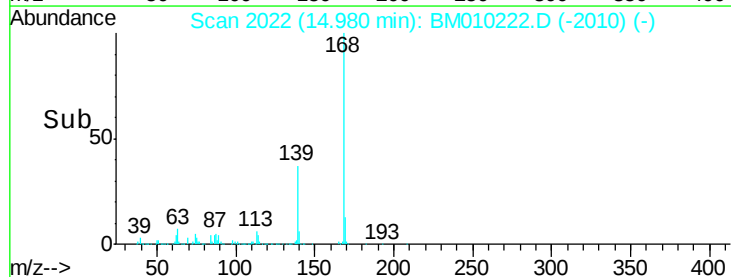
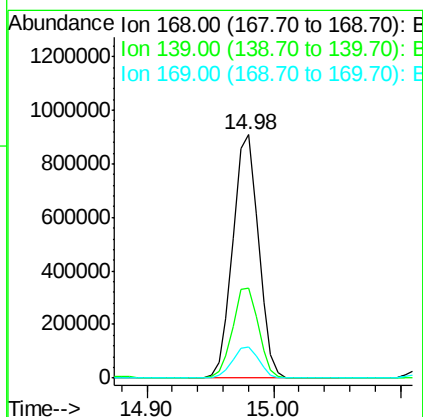
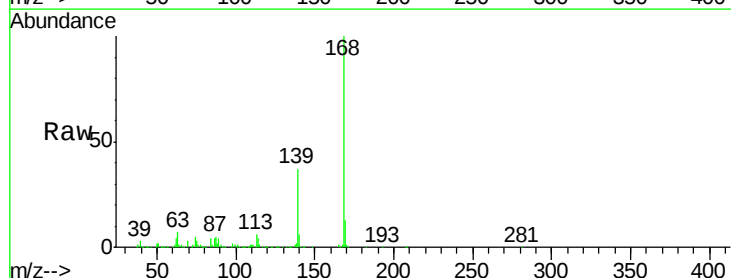
Instrument :
BNA_M
ClientSampleId :
PB99275BS

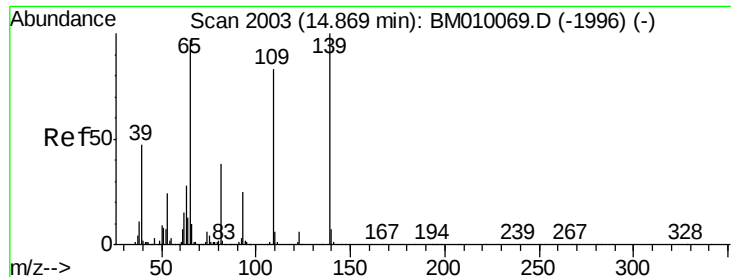
Tgt Ion:184 Resp: 263140
Ion Ratio Lower Upper
184 100
63 64.4 69.2 103.8#
154 63.9 53.3 79.9



#54
Dibenzofuran
Concen: 47.23 ng
RT: 14.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

Tgt Ion:168 Resp: 1269667
Ion Ratio Lower Upper
168 100
139 36.9 27.3 40.9
169 12.9 10.6 16.0





#55

4-Nitrophenol

Concen: 73.07 ng

RT: 14.83 min Scan# 1997

Delta R.T. -0.04 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

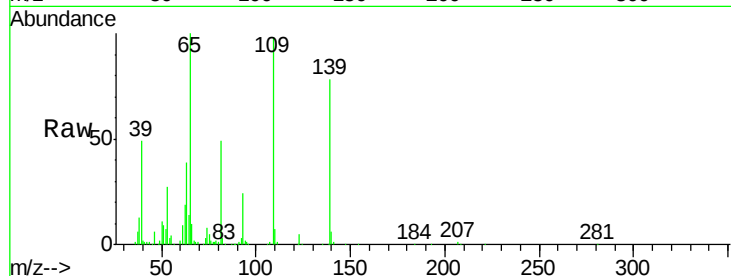
Tgt Ion:139 Resp: 258596

Ion Ratio Lower Upper

139 100

109 125.3 37.7 77.7#

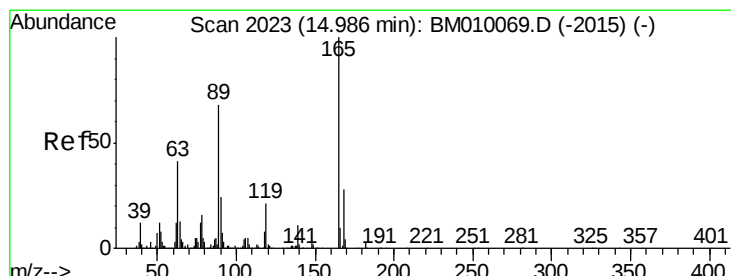
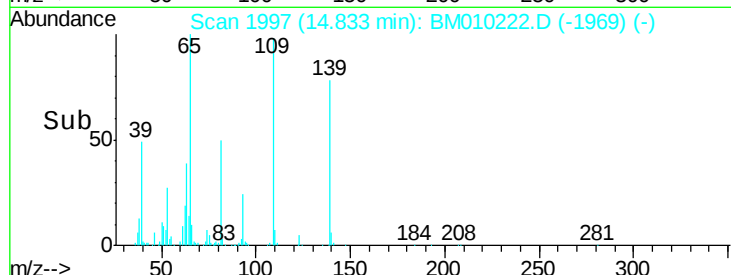
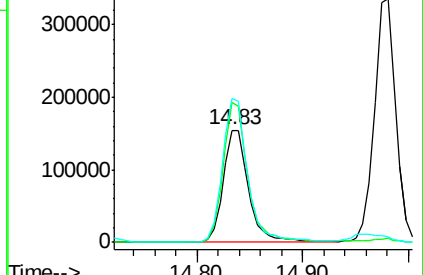
65 127.7 49.9 89.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

2,4-Dinitrotoluene

Concen: 41.19 ng

RT: 14.96 min Scan# 2018

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Tgt Ion:165 Resp: 275708

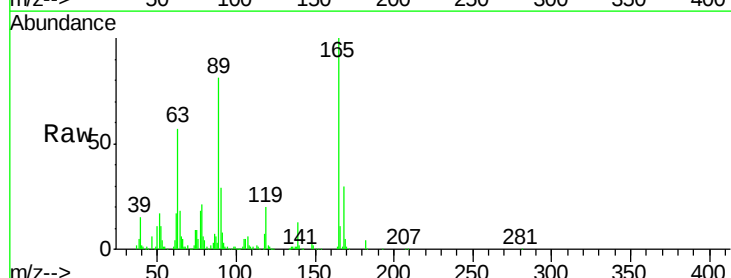
Ion Ratio Lower Upper

165 100

63 56.8 52.4 78.6

89 81.4 72.4 108.6

182 3.7 2.0 3.0#

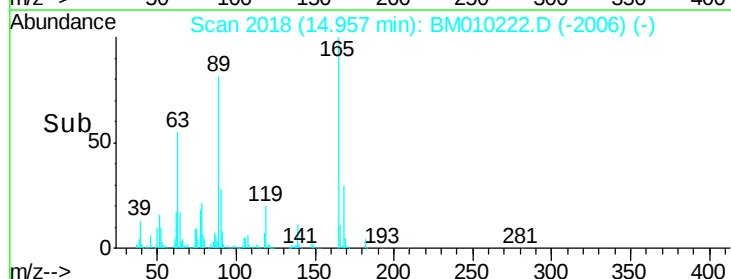
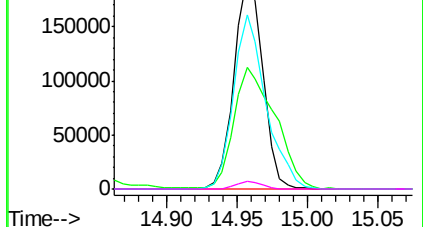


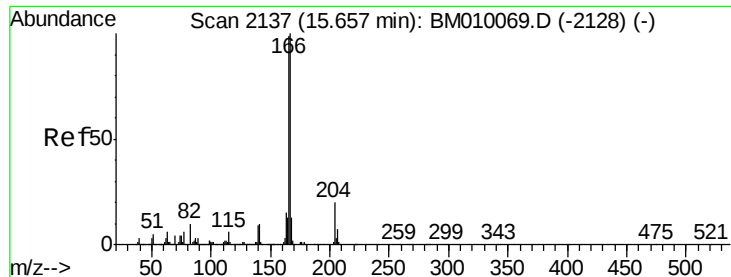
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.79 ng

RT: 15.63 min Scan# 2132

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

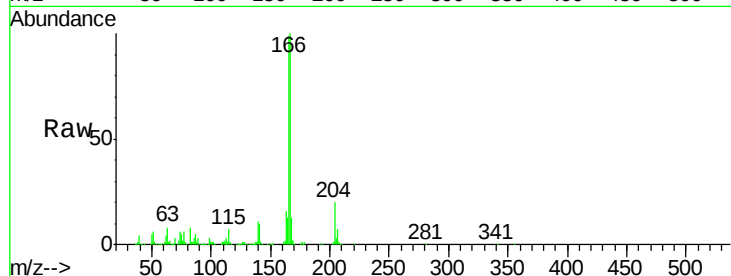
Tgt Ion:166 Resp: 1023770

Ion Ratio Lower Upper

166 100

165 99.2 79.0 118.4

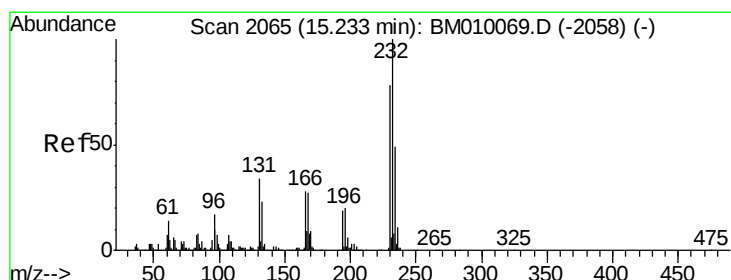
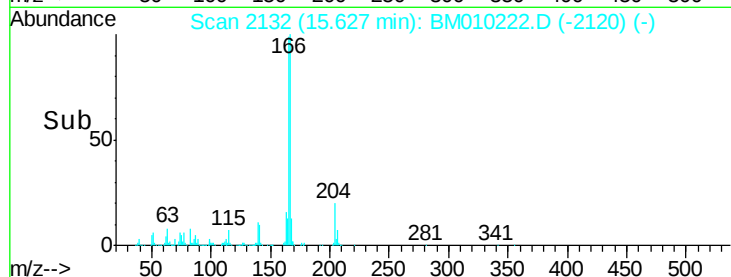
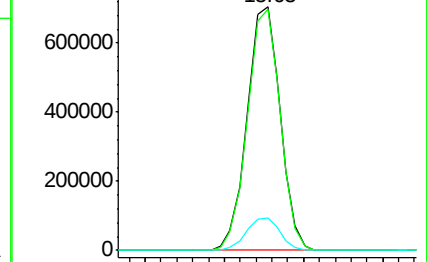
167 13.1 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.89 ng

RT: 15.20 min Scan# 2060

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Tgt Ion:232 Resp: 303051

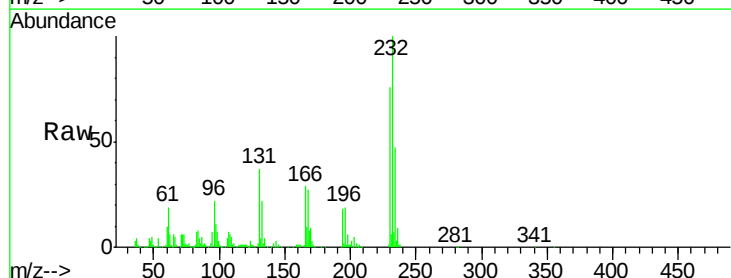
Ion Ratio Lower Upper

232 100

131 37.1 0.0 0.0#

130 2.3 0.0 0.0#

166 29.3 0.0 0.0#

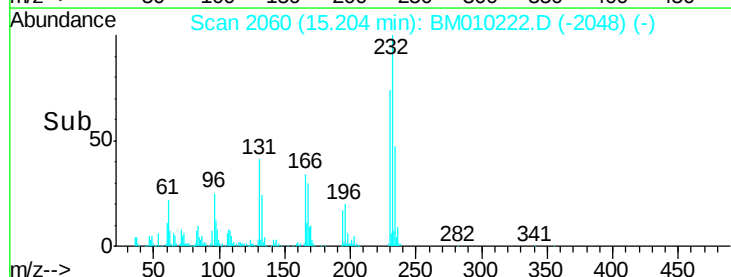
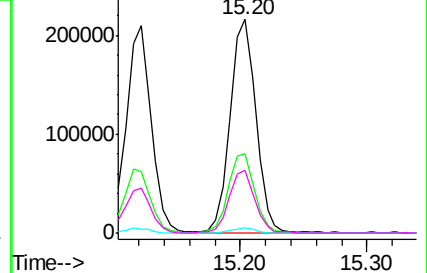


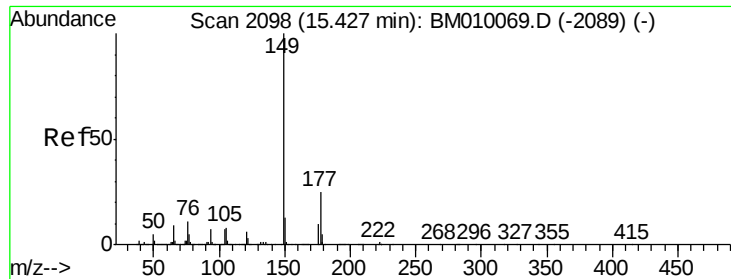
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

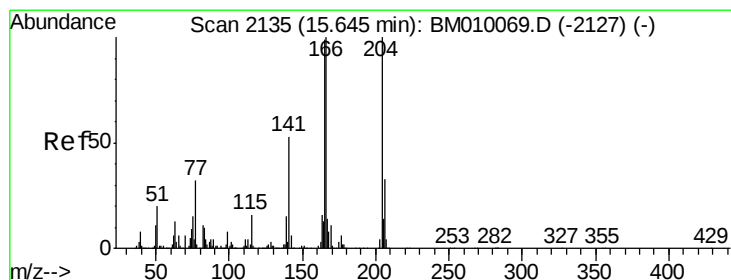
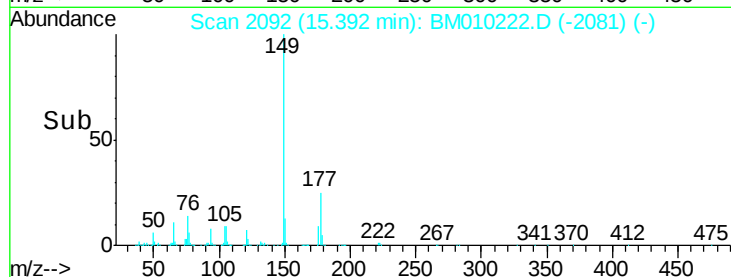
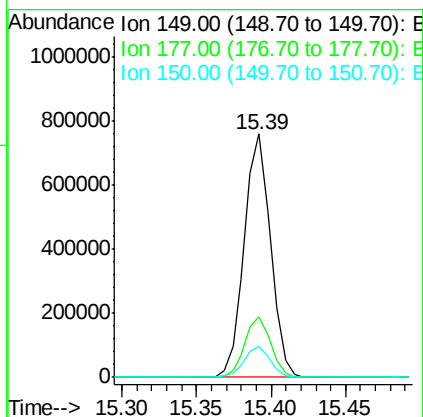
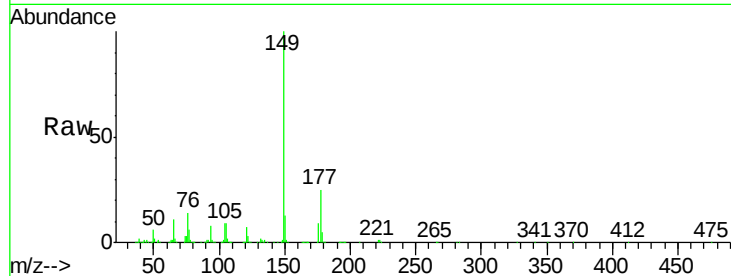




#59
Diethylphthalate
Concen: 39.32 ng
RT: 15.39 min Scan# 2092
Delta R.T. -0.04 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

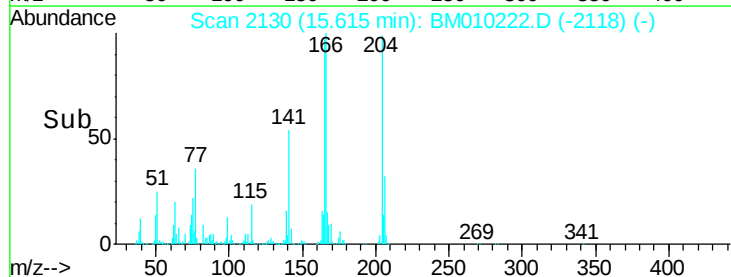
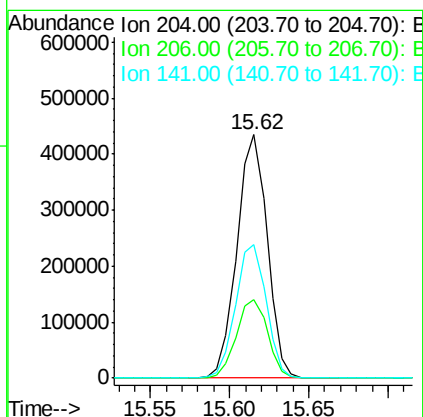
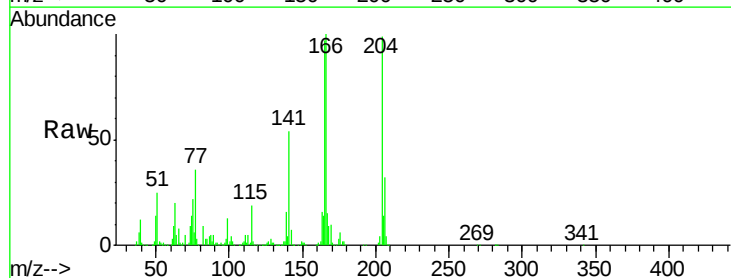
Instrument :
BNA_M
ClientSampleId :
PB99275BS

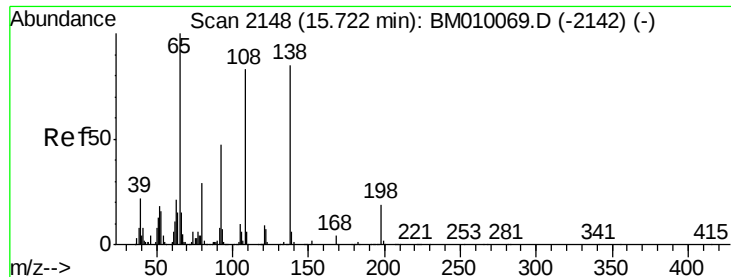
Tgt Ion:149 Resp: 926230
Ion Ratio Lower Upper
149 100
177 25.0 18.3 27.5
150 12.7 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 43.79 ng
RT: 15.62 min Scan# 2130
Delta R.T. -0.03 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

Tgt Ion:204 Resp: 574736
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 54.9 45.2 67.8

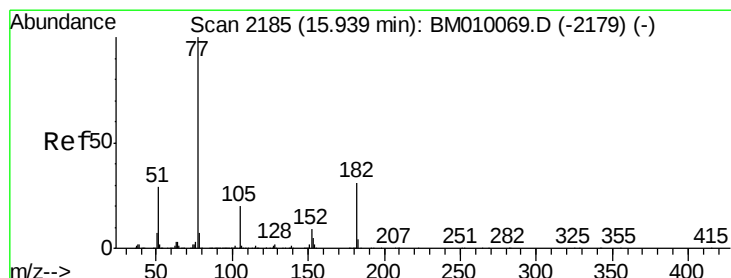
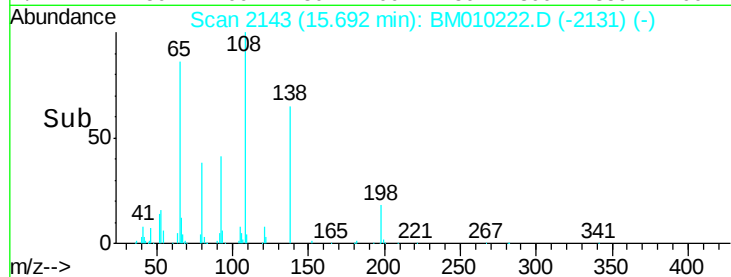
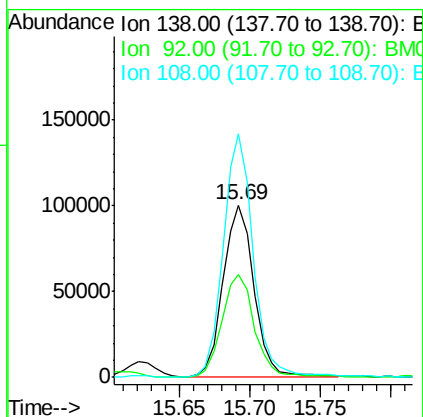
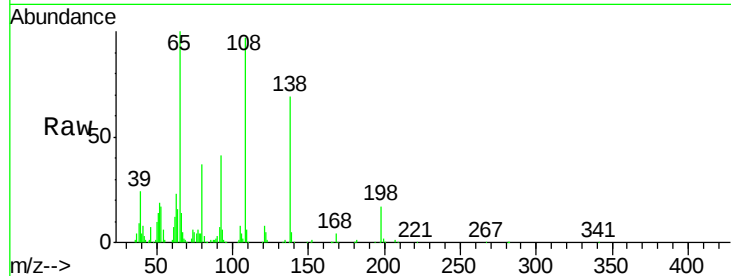




#61
4-Nitroaniline
Concen: 34.51 ng
RT: 15.69 min Scan# 2143
Delta R.T. -0.03 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

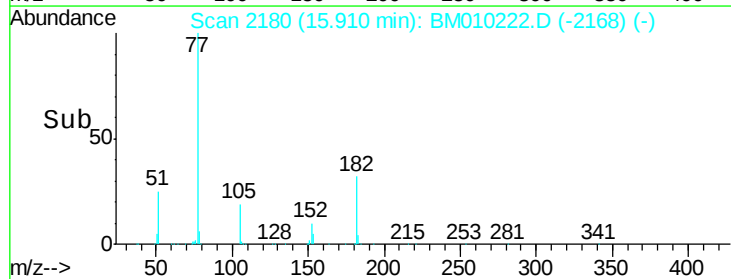
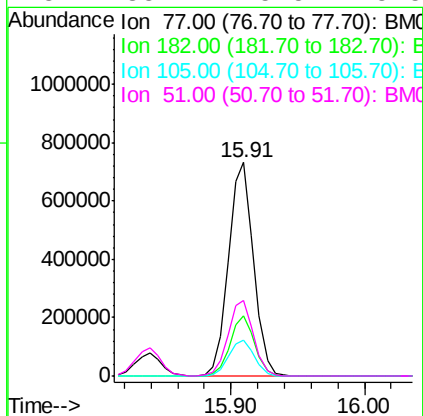
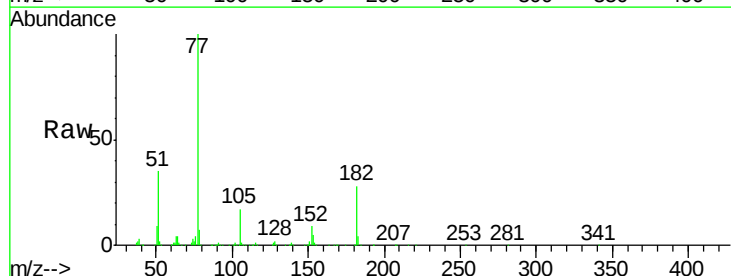
Instrument :
BNA_M
ClientSampleId :
PB99275BS

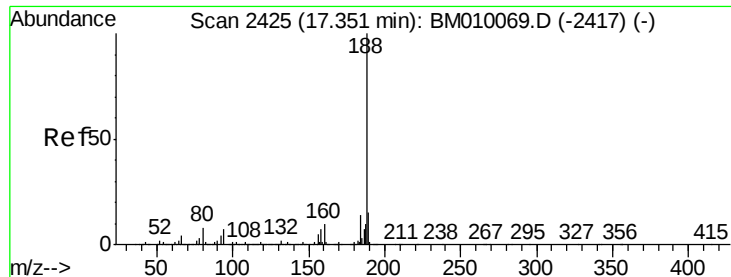
Tgt Ion:138 Resp: 154042
Ion Ratio Lower Upper
138 100
92 60.0 16.7 56.7#
108 141.2 37.6 77.6#



#62
Azobenzene
Concen: 55.39 ng
RT: 15.91 min Scan# 2180
Delta R.T. -0.03 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

Tgt Ion: 77 Resp: 959411
Ion Ratio Lower Upper
77 100
182 28.5 6.5 46.5
105 16.6 3.8 43.8
51 35.2 5.5 45.5

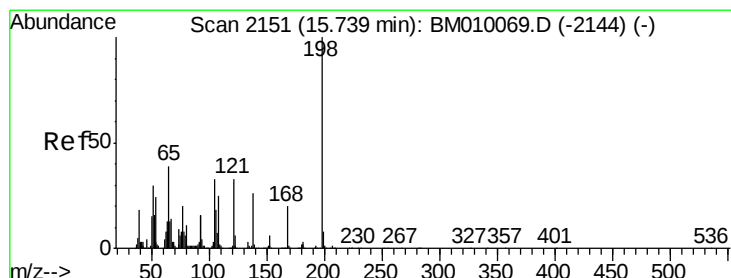
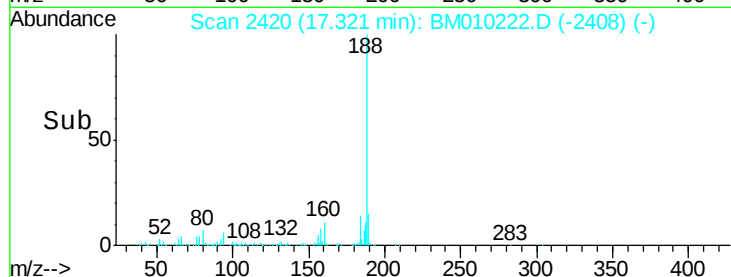
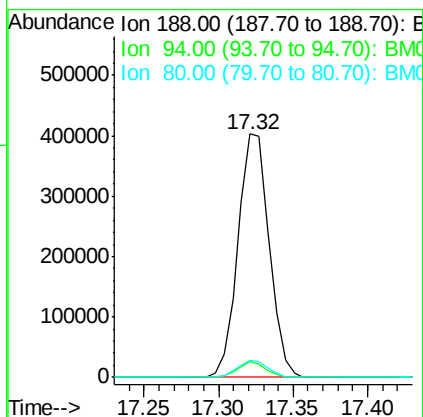
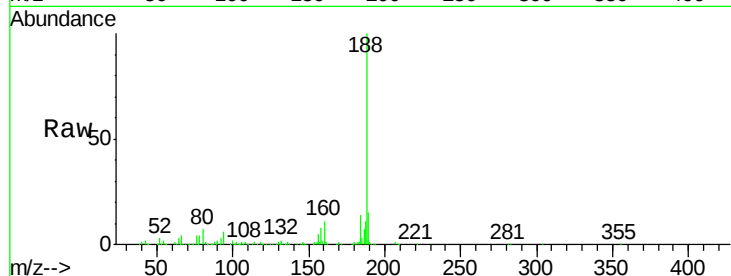




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

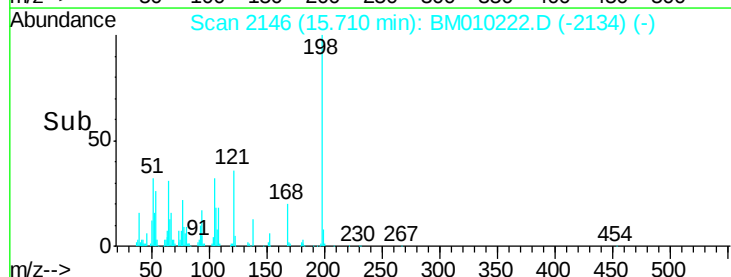
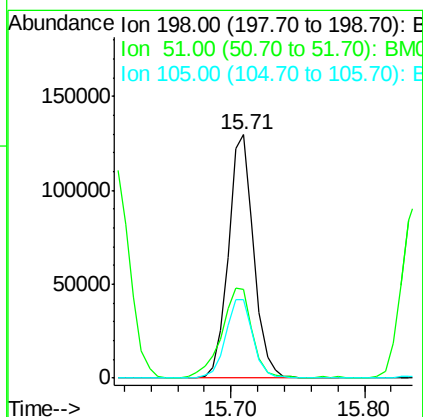
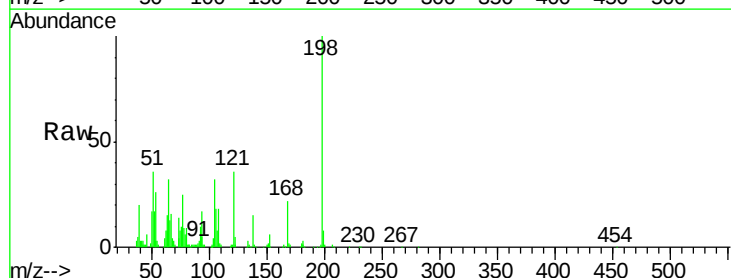
Instrument :
BNA_M
ClientSampleId :
PB99275BS

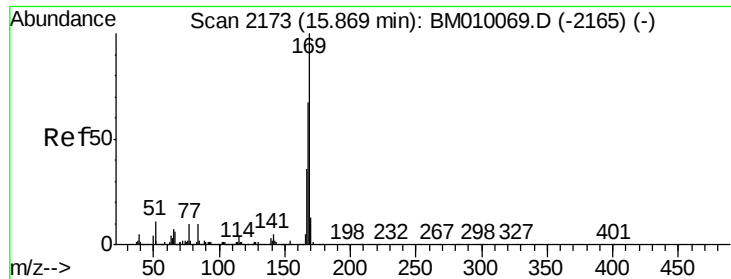
Tgt Ion:188 Resp: 584239
Ion Ratio Lower Upper
188 100
94 6.3 8.7 13.1#
80 7.0 9.3 13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 47.98 ng
RT: 15.71 min Scan# 2146
Delta R.T. -0.03 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

Tgt Ion:198 Resp: 171263
Ion Ratio Lower Upper
198 100
51 36.5 28.8 68.8
105 32.0 30.5 70.5

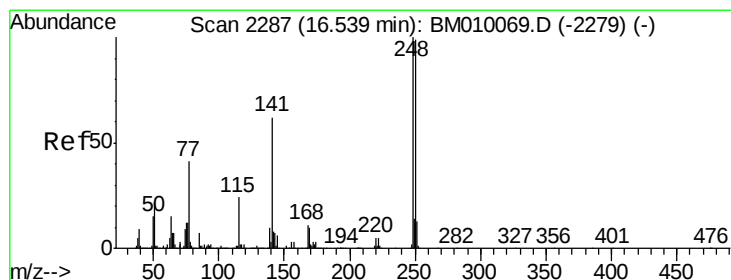
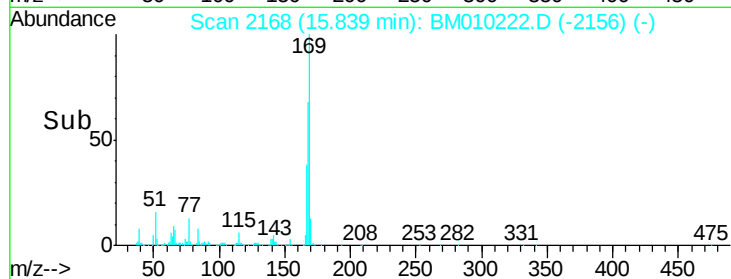
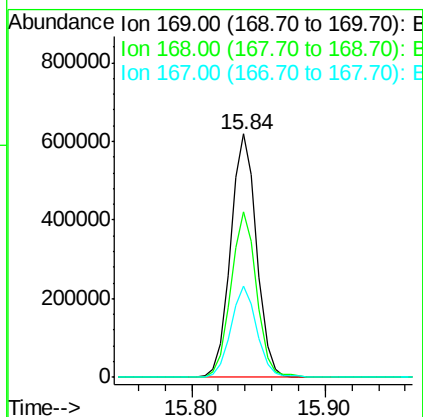
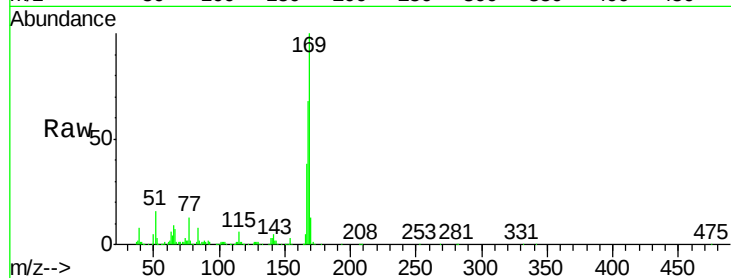




#65
 n-Nitrosodiphenylamine
 Concen: 47.95 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.03 min
 Lab File: BM010222.D
 Acq: 25 May 2017 18:08

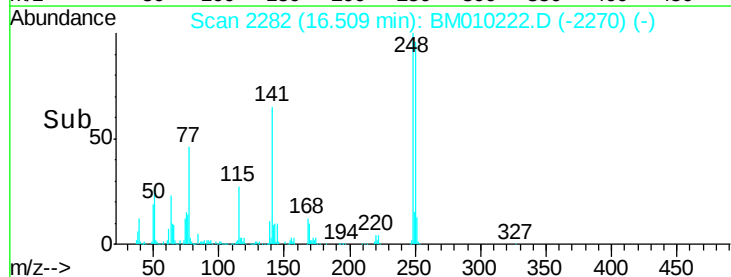
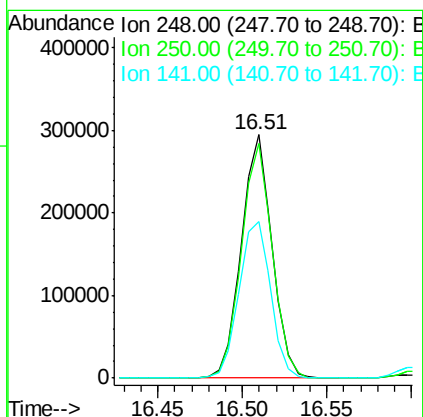
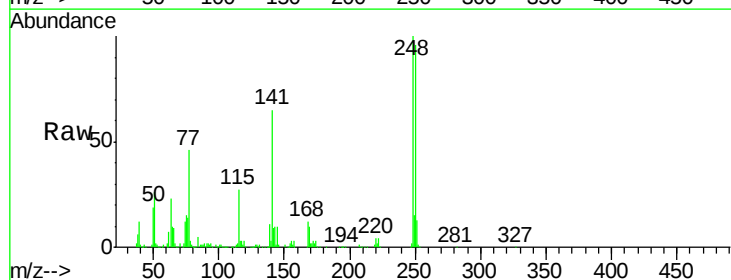
Instrument :
 BNA_M
 ClientSampleId :
 PB99275BS

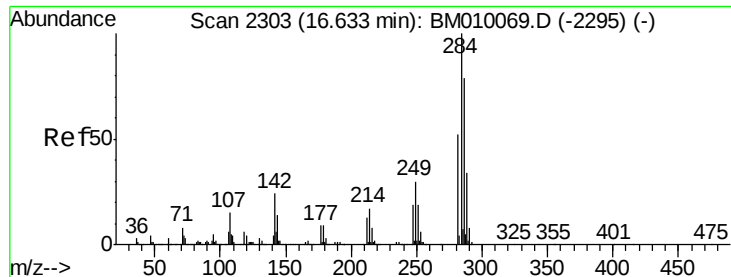
Tgt Ion:169 Resp: 839528
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.9 80.9
 167 37.7 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 49.78 ng
 RT: 16.51 min Scan# 2282
 Delta R.T. -0.03 min
 Lab File: BM010222.D
 Acq: 25 May 2017 18:08

Tgt Ion:248 Resp: 372293
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.4 116.0
 141 64.5 45.2 67.8

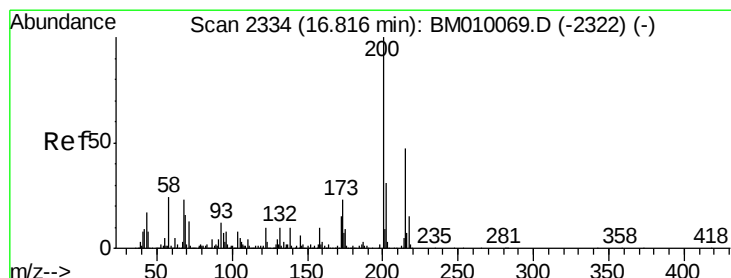
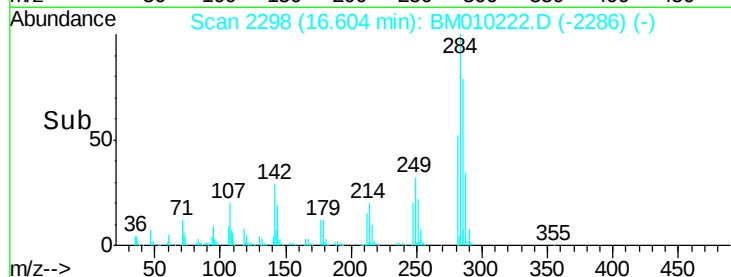
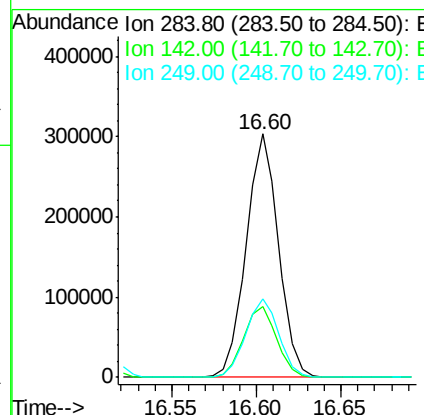
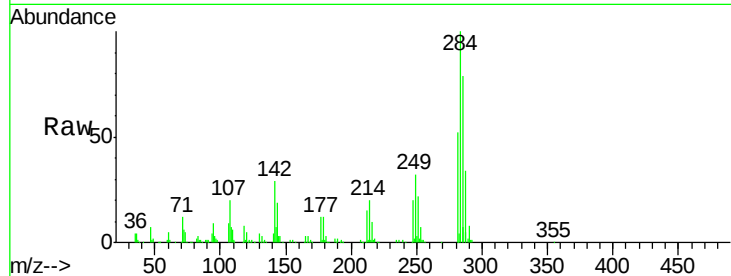




#67
Hexachlorobenzene
Concen: 44.32 ng
RT: 16.60 min Scan# 2298
Delta R.T. -0.03 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

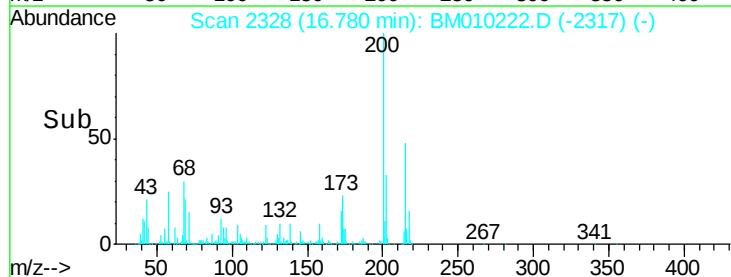
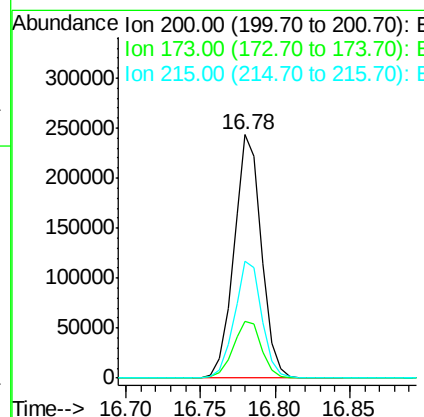
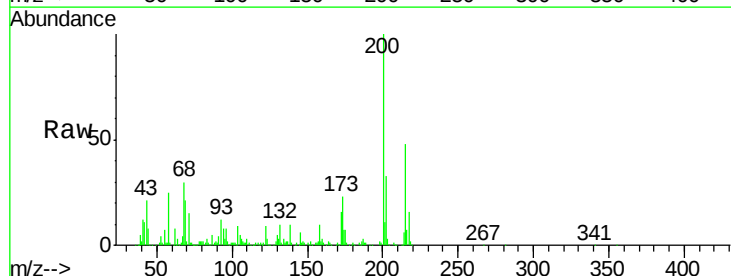
Instrument :
BNA_M
ClientSampleId :
PB99275BS

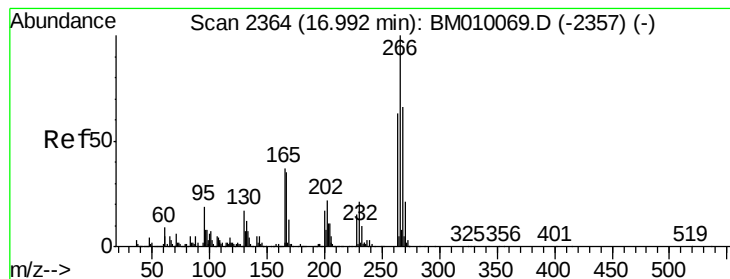
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	20.4	30.6
249	32.1	23.8	35.6



#68
Atrazine
Concen: 47.08 ng
RT: 16.78 min Scan# 2328
Delta R.T. -0.04 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.4	4.8	44.8
215	47.9	26.9	66.9





#69

Pentachlorophenol

Concen: 93.27 ng

RT: 16.97 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

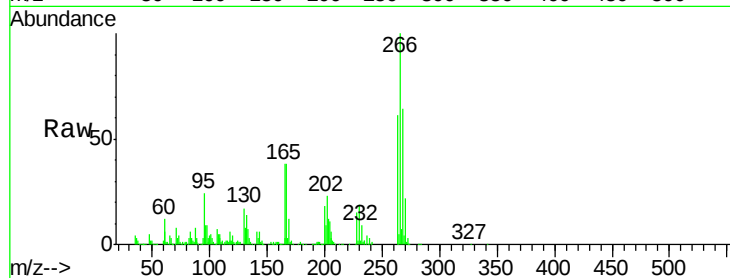
Tgt Ion:266 Resp: 465494

Ion Ratio Lower Upper

266 100

268 63.6 52.0 78.0

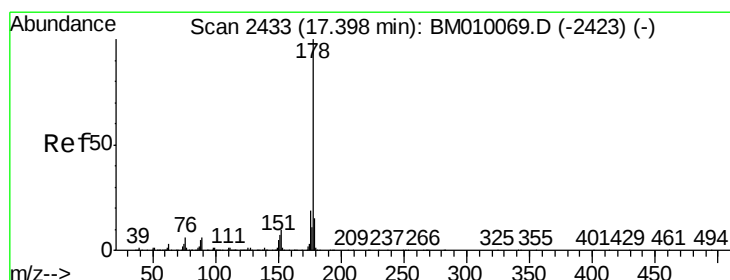
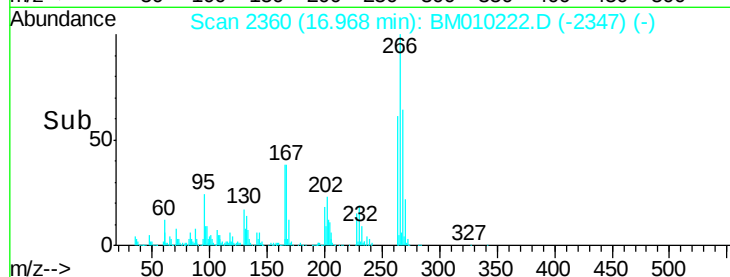
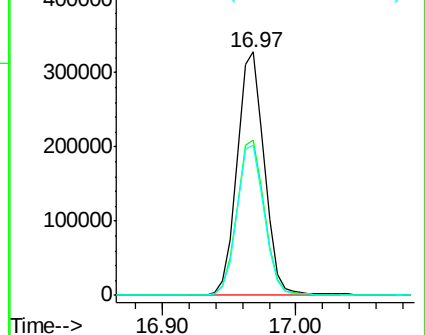
264 61.5 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 45.20 ng

RT: 17.37 min Scan# 2428

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

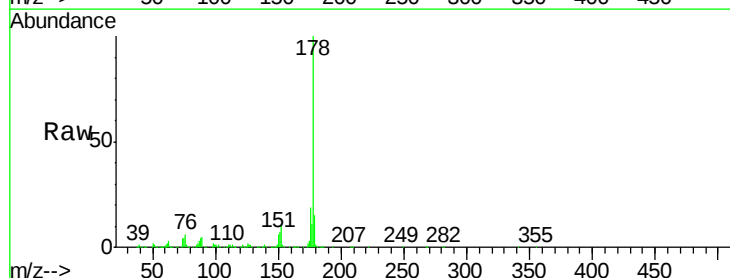
Tgt Ion:178 Resp: 1477639

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

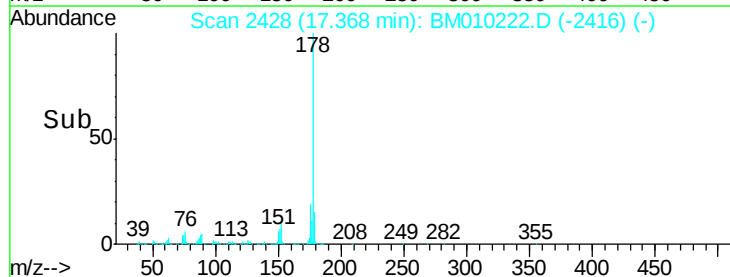
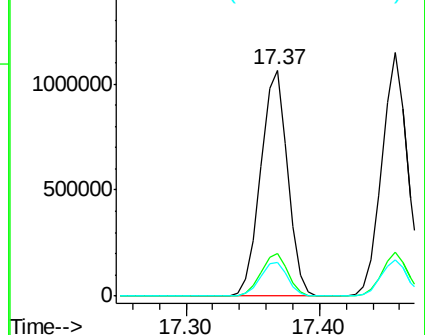
179 15.1 12.1 18.1

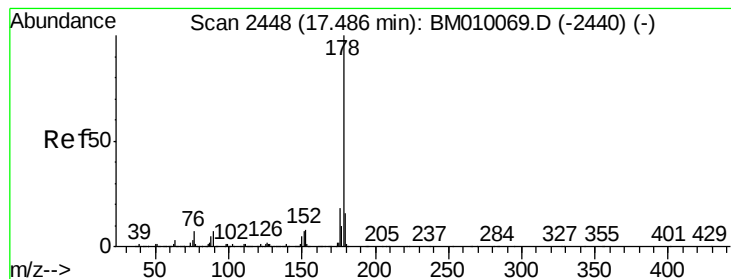


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 46.84 ng

RT: 17.46 min Scan# 2443

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

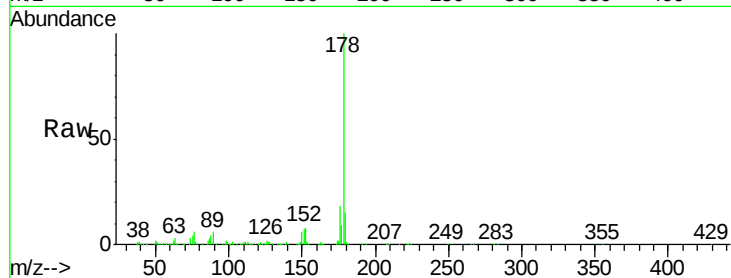
Tgt Ion:178 Resp: 1519552

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

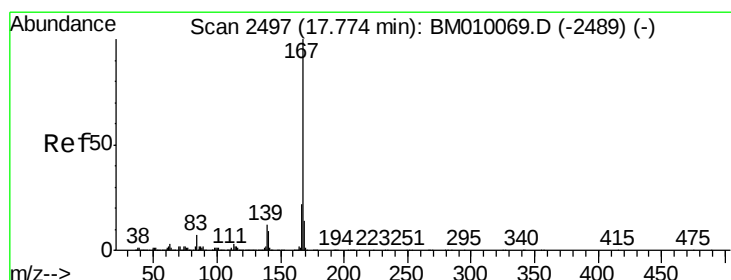
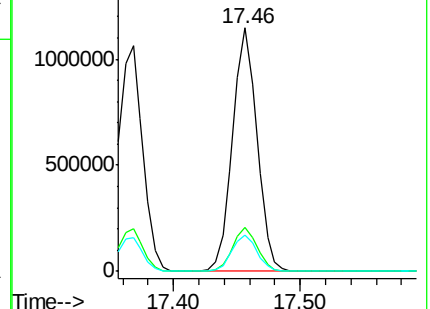
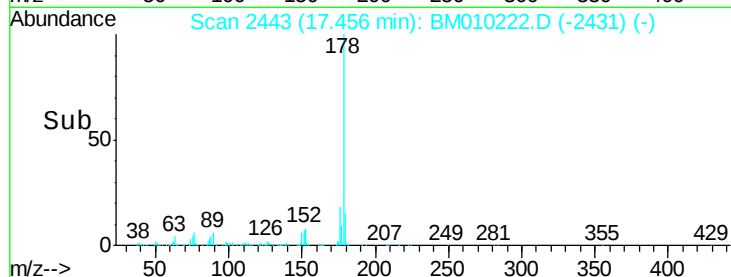
179 15.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.81 ng

RT: 17.74 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

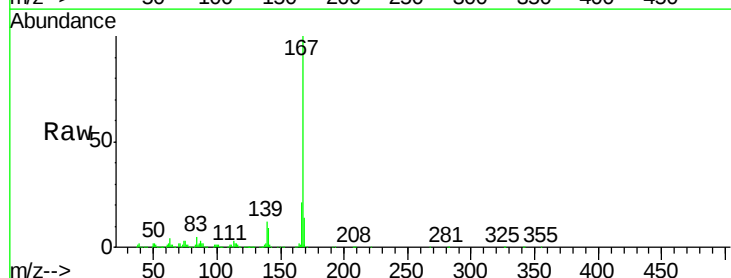
Tgt Ion:167 Resp: 1229602

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

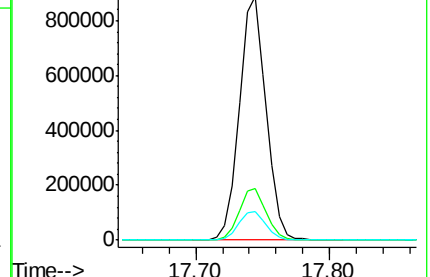
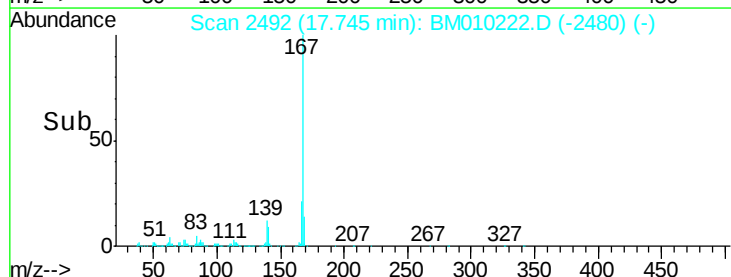
139 11.8 10.8 16.2

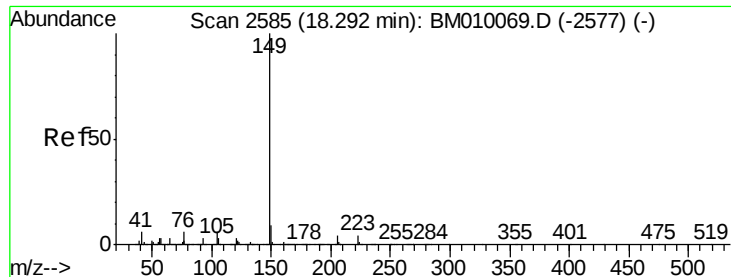


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

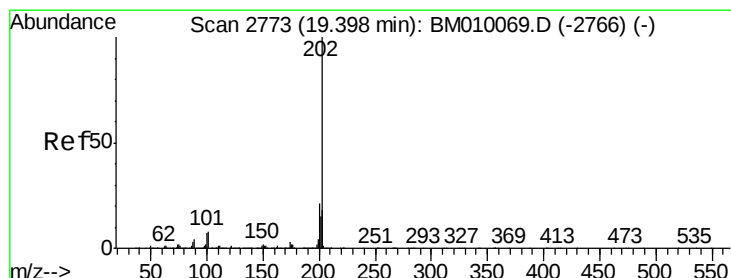
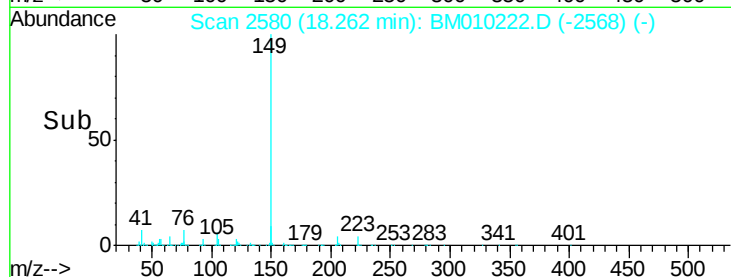
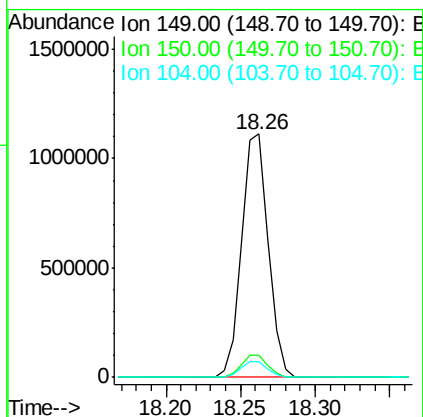
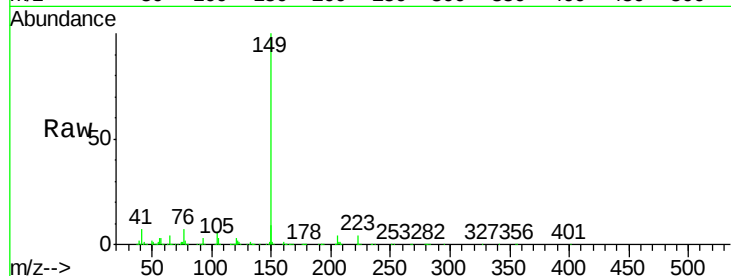




#73
Di-n-butylphthalate
Concen: 40.16 ng
RT: 18.26 min Scan# 2580
Delta R.T. -0.03 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

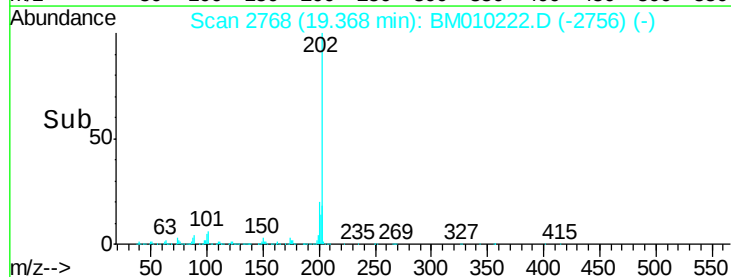
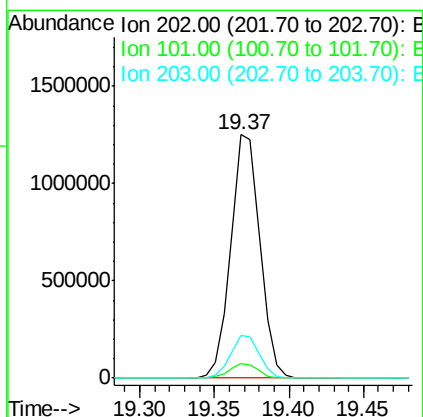
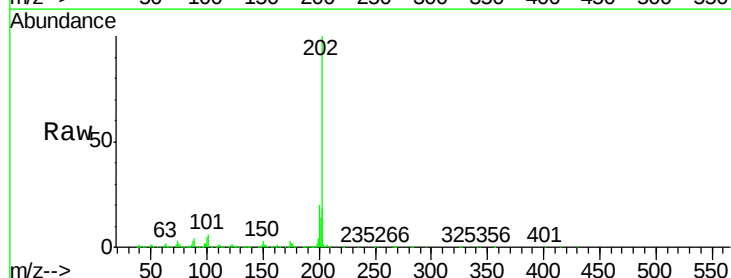
Instrument :
BNA_M
ClientSampleId :
PB99275BS

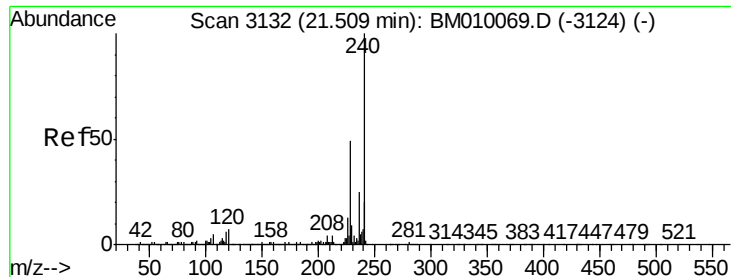
Tgt Ion:149 Resp: 1367529
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 6.3 3.7 5.5#



#74
Fluoranthene
Concen: 40.45 ng
RT: 19.37 min Scan# 2768
Delta R.T. -0.03 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

Tgt Ion:202 Resp: 1716769
Ion Ratio Lower Upper
202 100
101 6.0 0.0 28.7
203 17.5 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

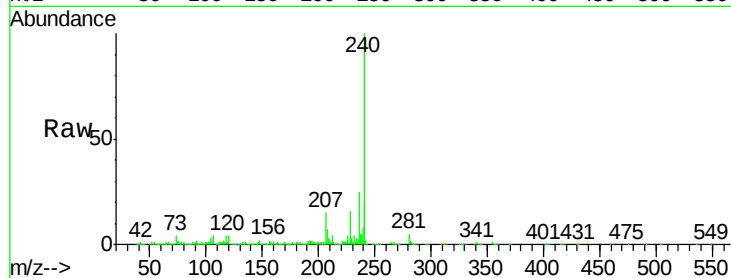
Tgt Ion:240 Resp: 744951

Ion Ratio Lower Upper

240 100

120 4.4 8.2 12.2#

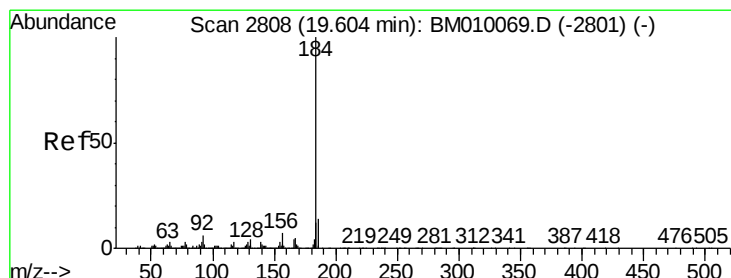
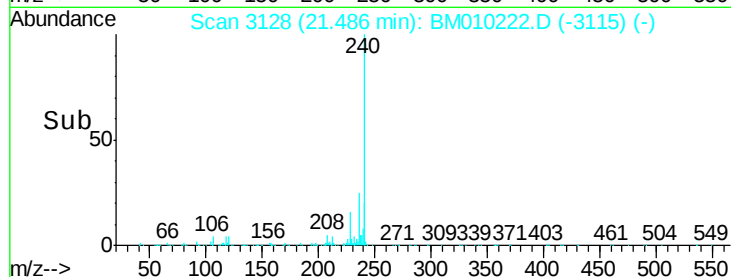
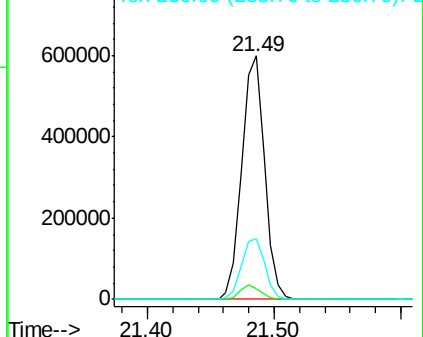
236 25.1 20.0 30.0



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: 88.03 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

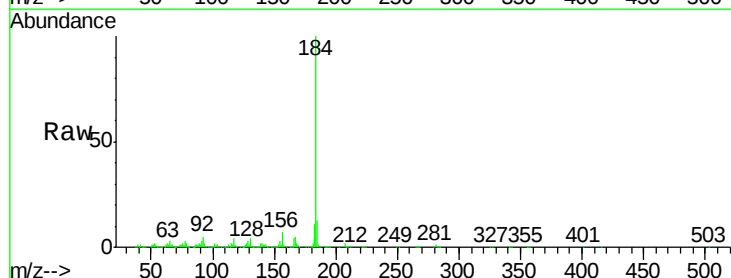
Tgt Ion:184 Resp: 1209563

Ion Ratio Lower Upper

184 100

185 13.3 11.3 16.9

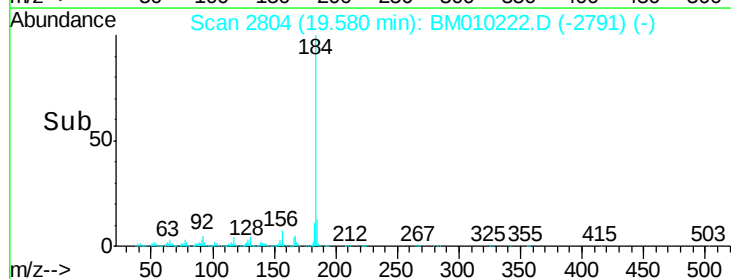
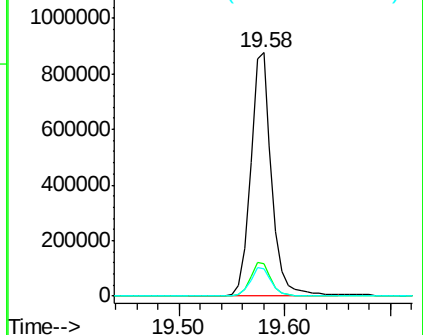
183 11.4 8.9 13.3

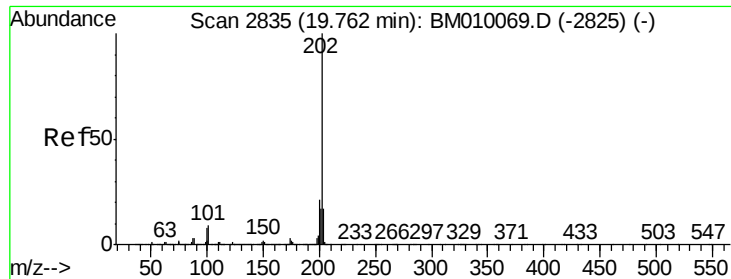


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.75 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

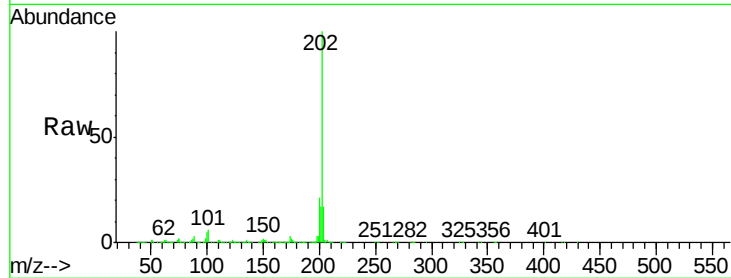
Tgt Ion:202 Resp: 1747235

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

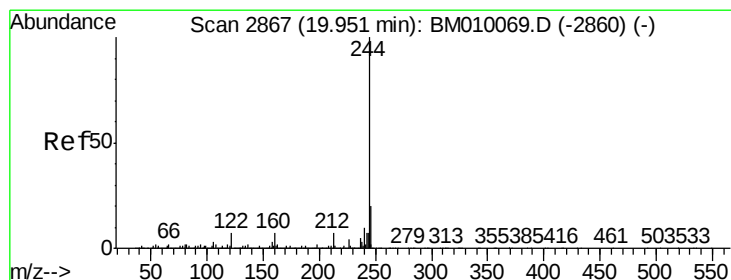
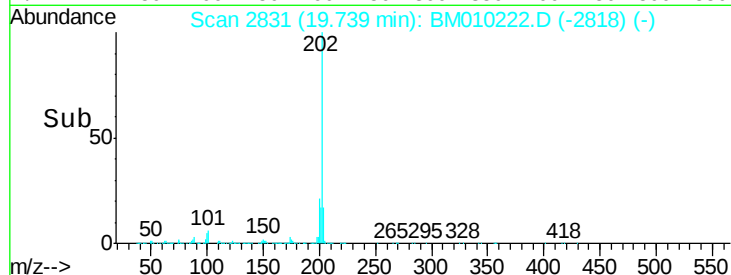
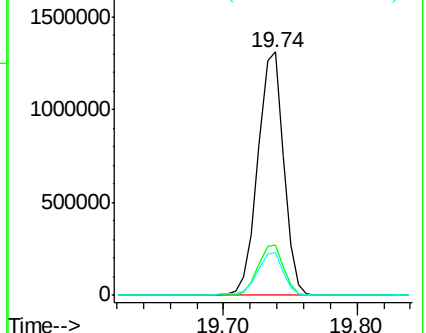
203 17.3 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.15 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

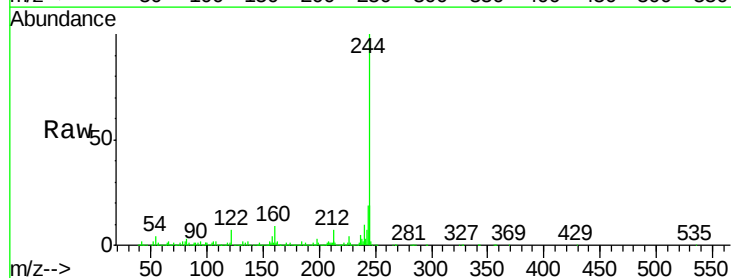
Tgt Ion:244 Resp: 2920923

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

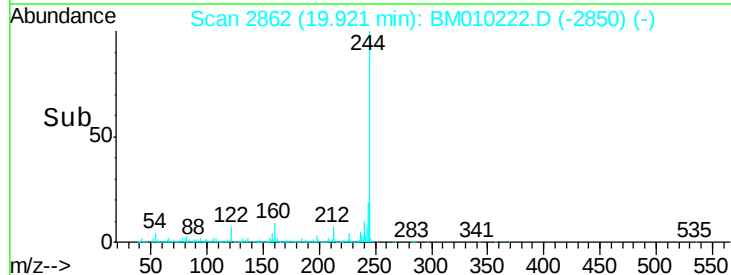
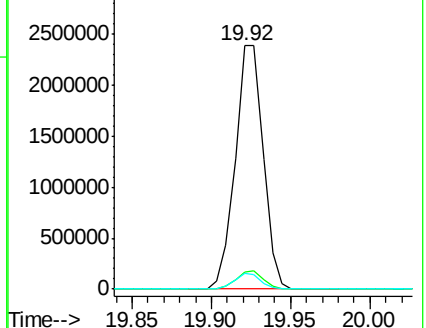
122 6.6 6.2 9.4

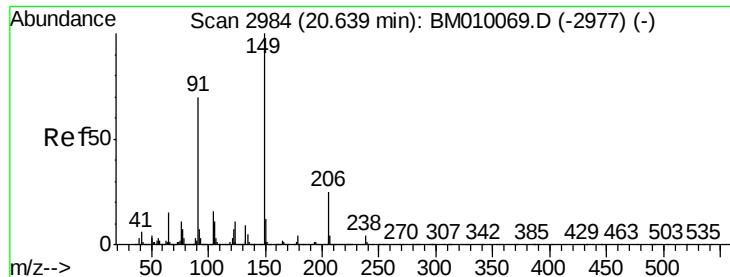


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.89 ng

RT: 20.61 min Scan# 2979

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

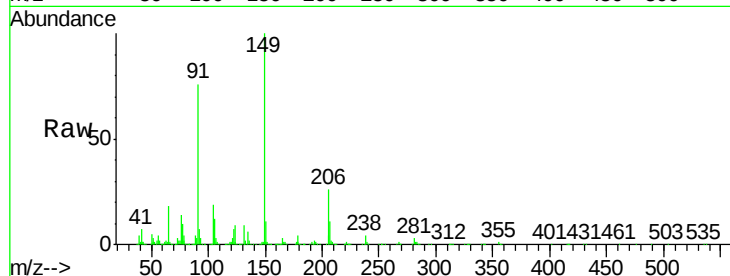
Tgt Ion:149 Resp: 589772

Ion Ratio Lower Upper

149 100

91 76.3 50.1 75.1#

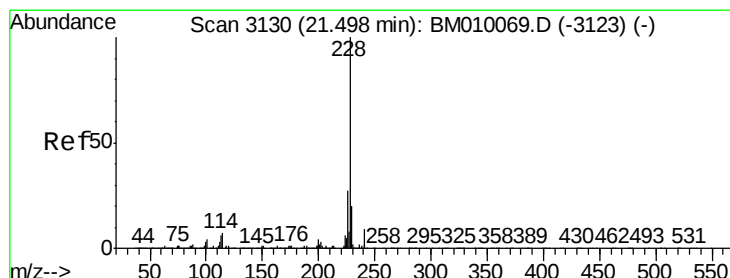
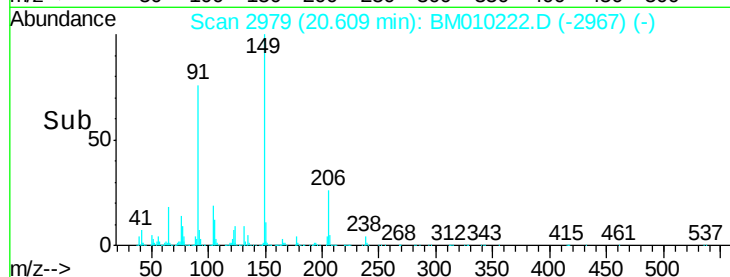
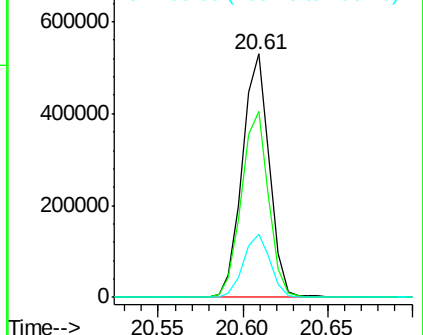
206 25.9 16.2 24.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.07 ng

RT: 21.47 min Scan# 3125

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

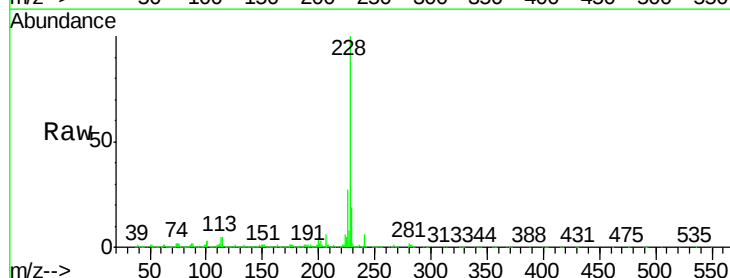
Tgt Ion:228 Resp: 1850300

Ion Ratio Lower Upper

228 100

226 26.7 21.7 32.5

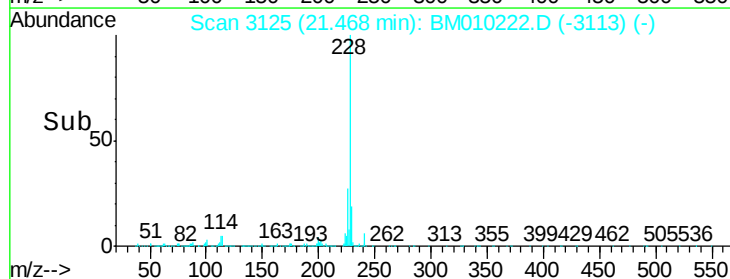
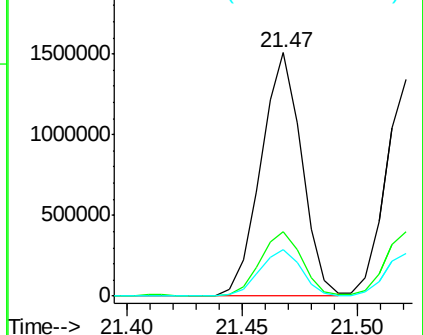
229 19.2 16.0 24.0

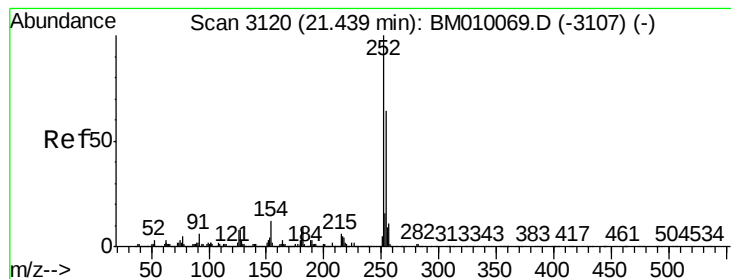


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 30.69 ng

RT: 21.41 min Scan# 3115

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

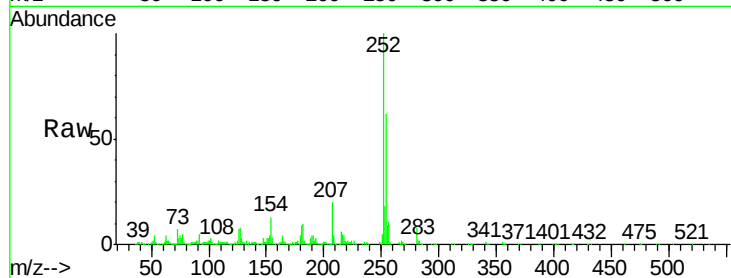
Tgt Ion:252 Resp: 506806

Ion Ratio Lower Upper

252 100

254 62.4 51.9 77.9

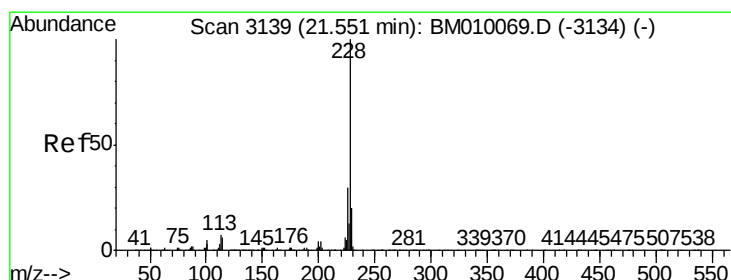
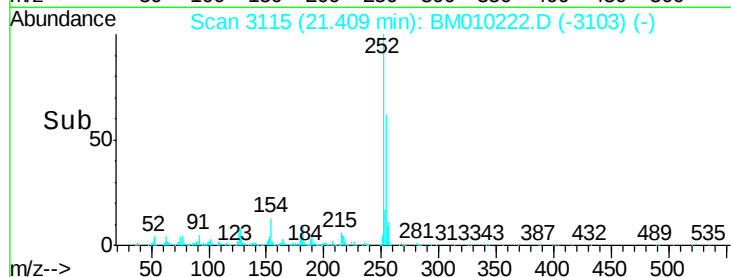
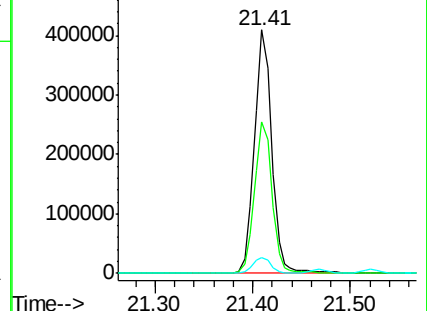
126 6.7 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 42.75 ng

RT: 21.52 min Scan# 3134

Delta R.T. -0.03 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

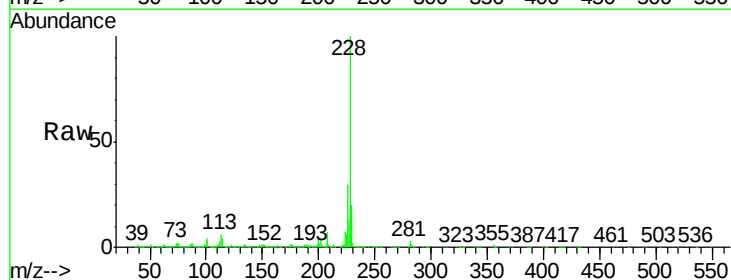
Tgt Ion:228 Resp: 1664537

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

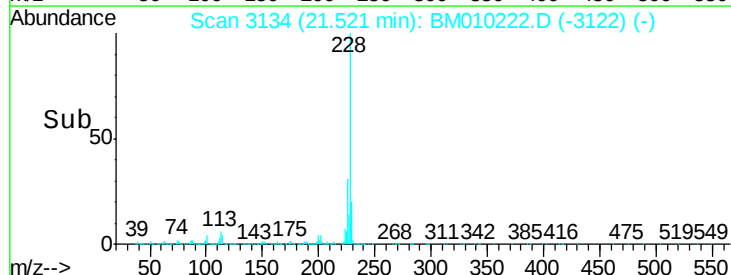
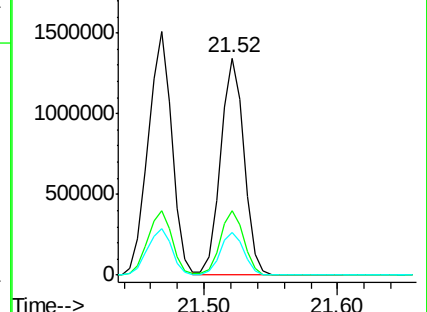
229 20.0 15.5 23.3

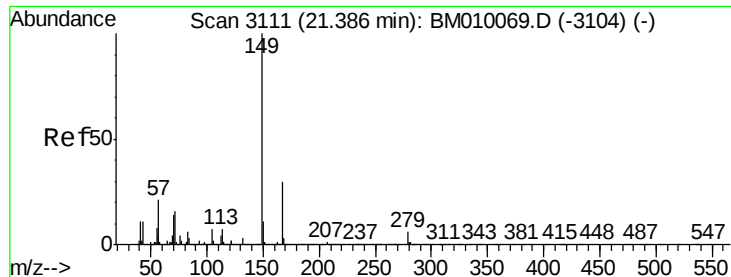


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

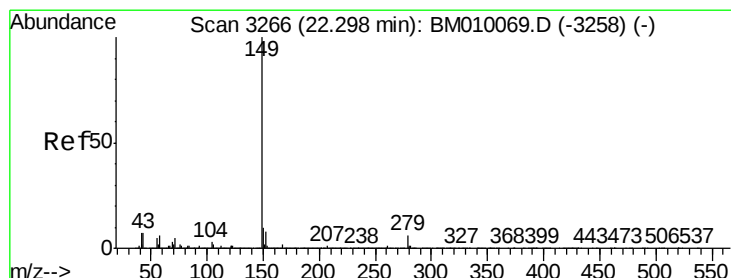
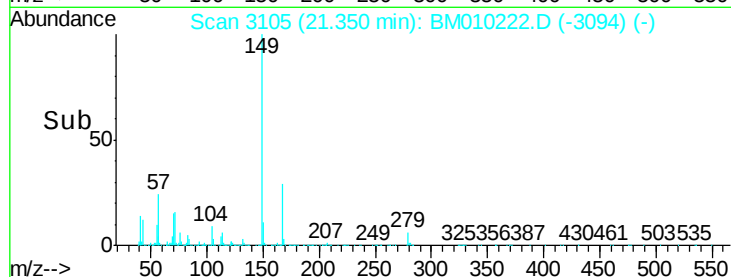
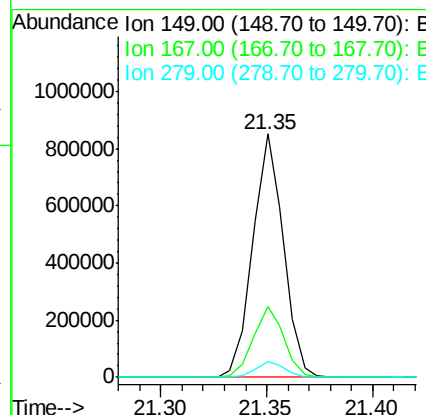
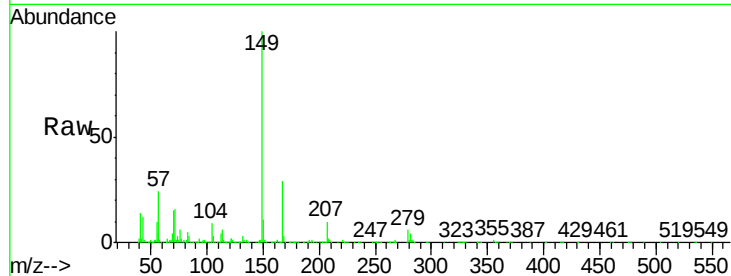




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.56 ng
 RT: 21.35 min Scan# 3105
 Delta R.T. -0.04 min
 Lab File: BM010222.D
 Acq: 25 May 2017 18:08

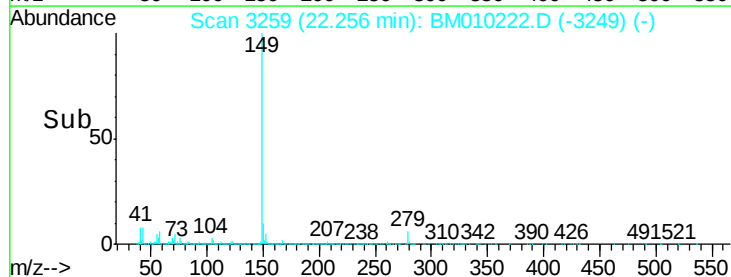
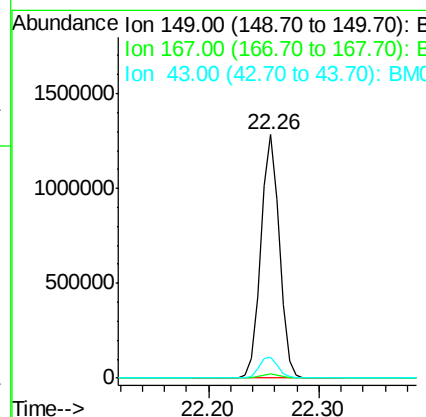
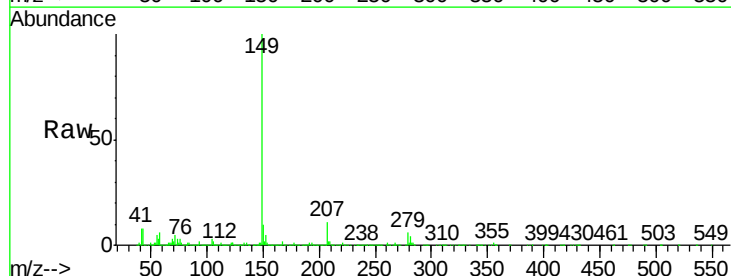
Instrument :
 BNA_M
 ClientSampleId :
 PB99275BS

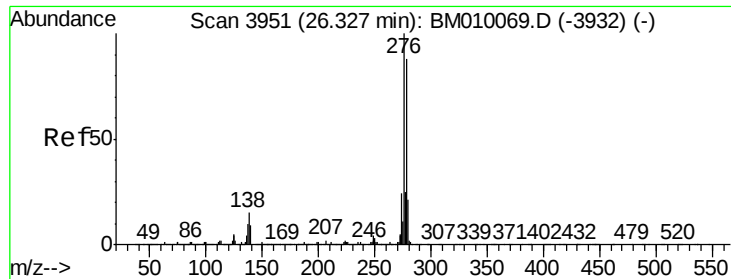
Tgt Ion:149 Resp: 852575
 Ion Ratio Lower Upper
 149 100
 167 29.1 22.4 33.6
 279 6.2 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 38.23 ng
 RT: 22.26 min Scan# 3259
 Delta R.T. -0.04 min
 Lab File: BM010222.D
 Acq: 25 May 2017 18:08

Tgt Ion:149 Resp: 1513199
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8#
 43 8.6 7.3 10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 60.56 ng

RT: 26.26 min Scan# 3940

Delta R.T. -0.06 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

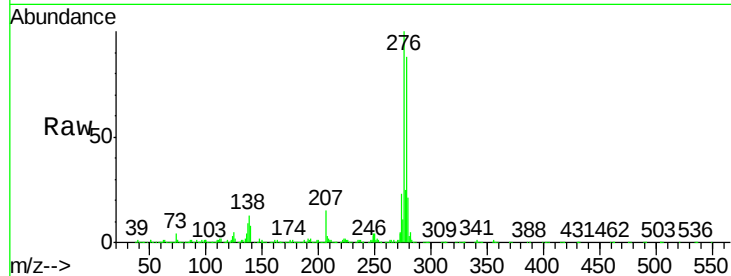
Tgt Ion:276 Resp: 3458255

Ion Ratio Lower Upper

276 100

138 12.9 0.0 0.0#

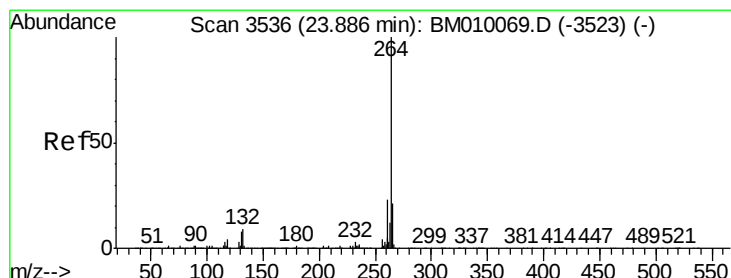
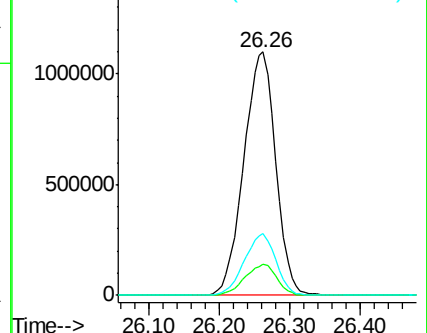
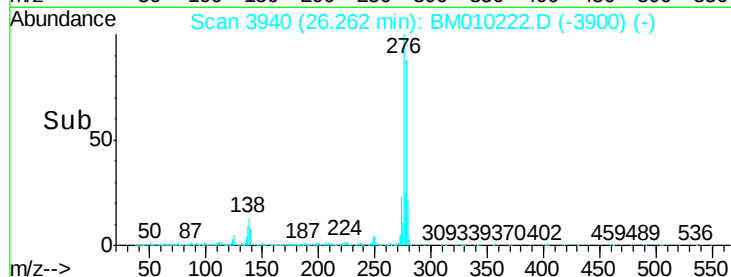
277 25.2 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.84 min Scan# 3529

Delta R.T. -0.04 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

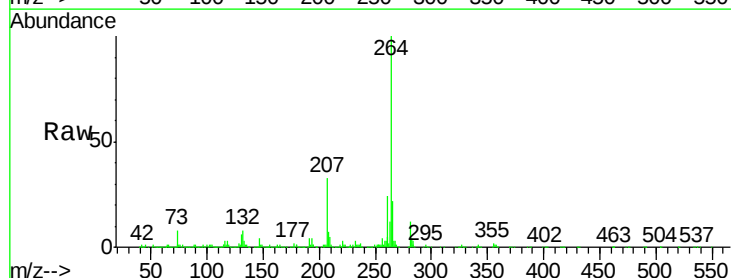
Tgt Ion:264 Resp: 908556

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

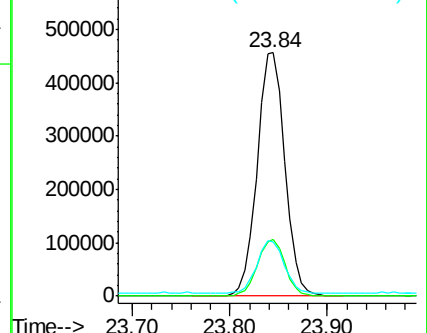
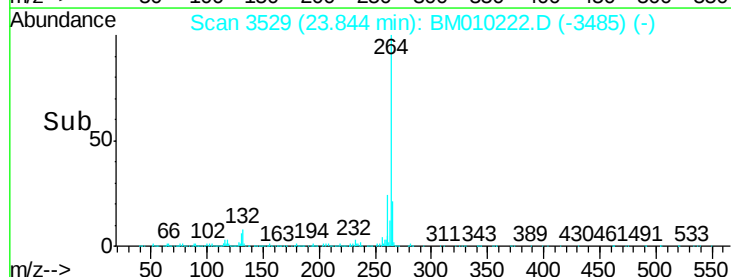
265 22.3 17.3 25.9

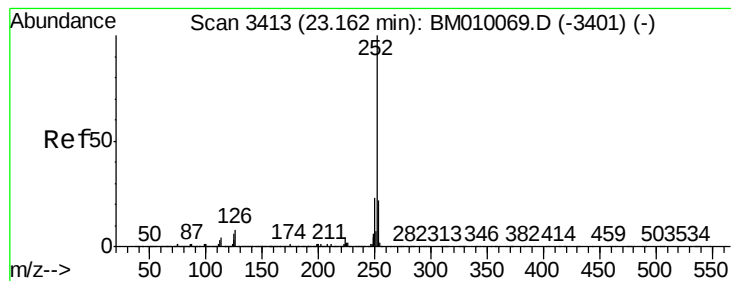


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.83 ng

RT: 23.12 min Scan# 3406

Delta R.T. -0.04 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

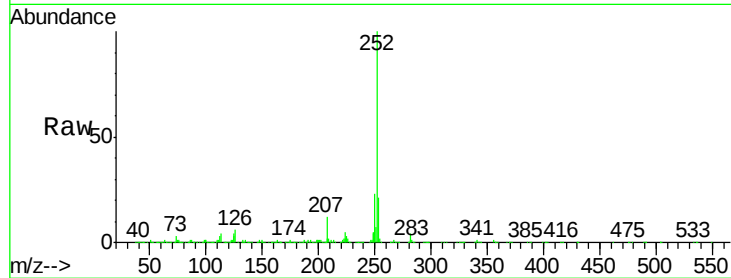
Tgt Ion:252 Resp: 2277222

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

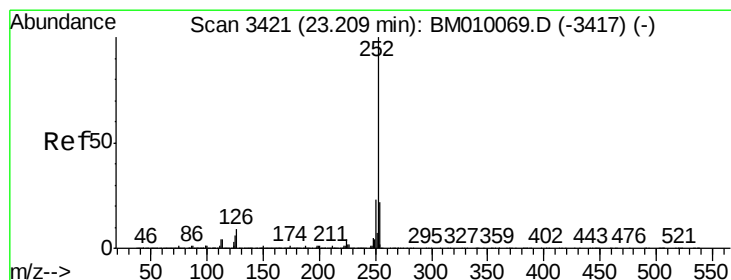
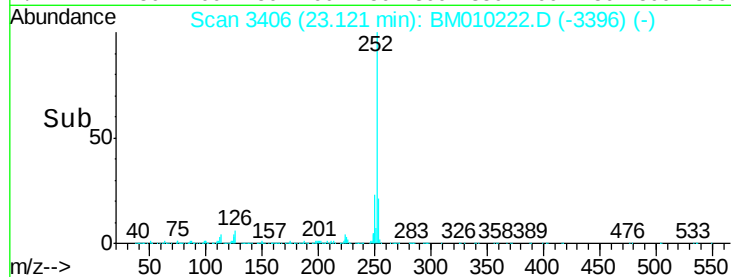
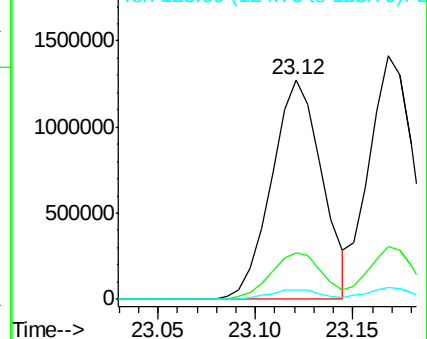
125 4.5 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.09 ng

RT: 23.17 min Scan# 3414

Delta R.T. -0.04 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

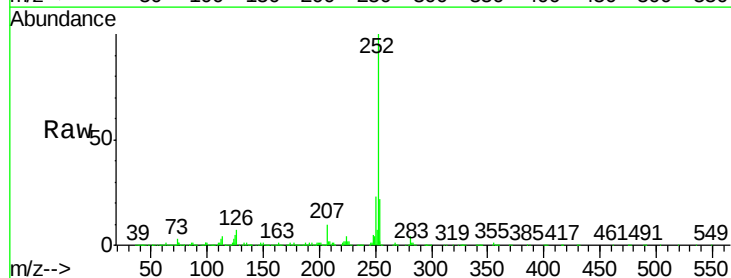
Tgt Ion:252 Resp: 2244855

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

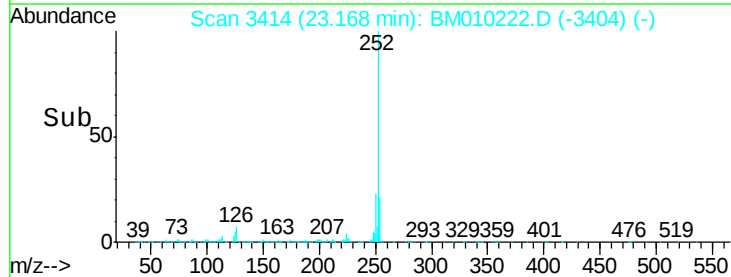
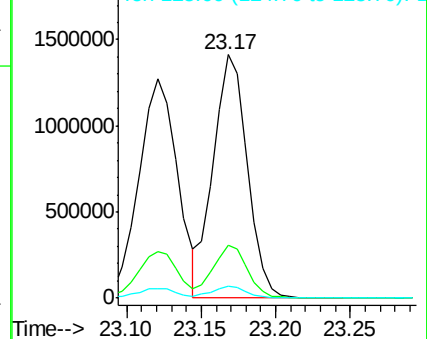
125 5.0 8.1 12.1#

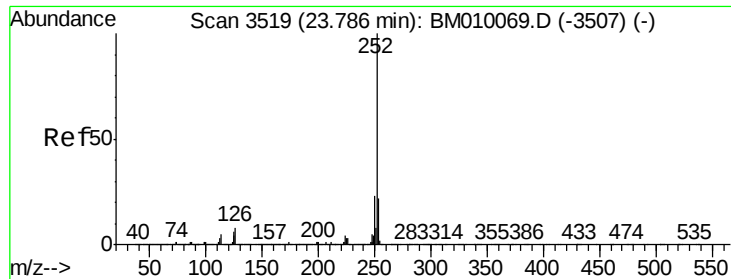


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

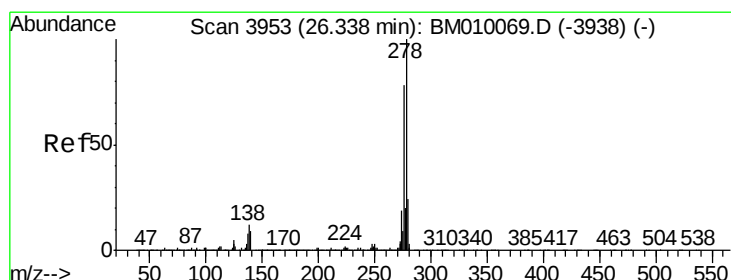
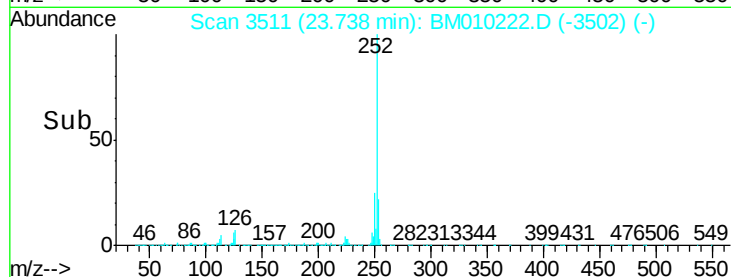
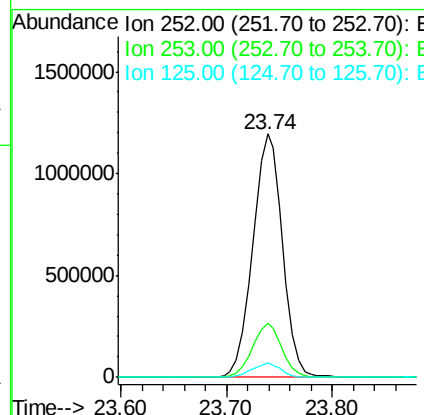
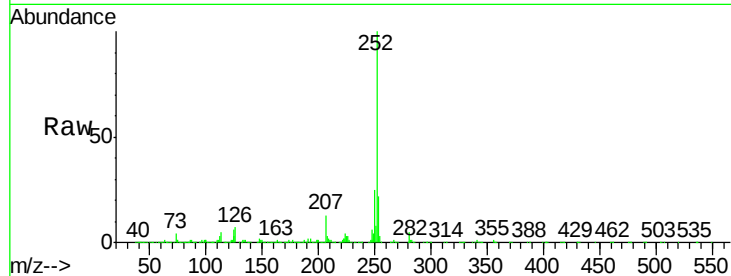




#89
Benzo(a)pyrene
Concen: 45.86 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.05 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

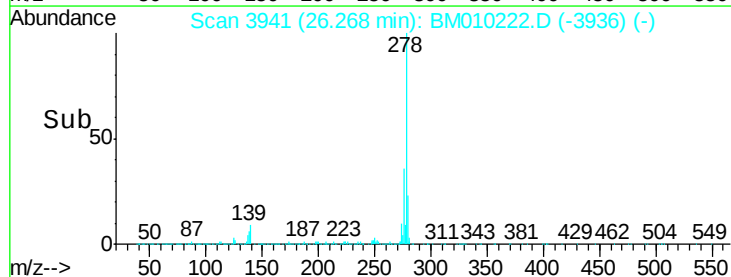
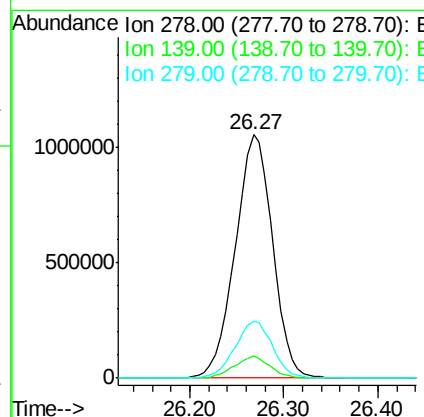
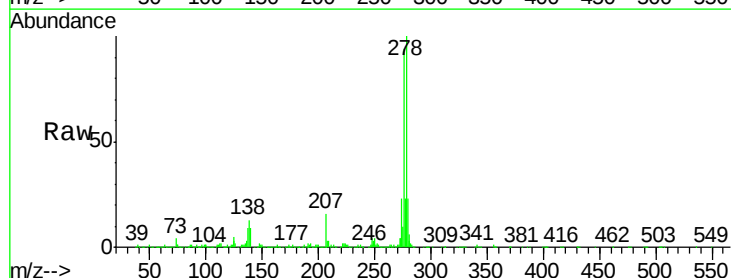
Instrument :
BNA_M
ClientSampleId :
PB99275BS

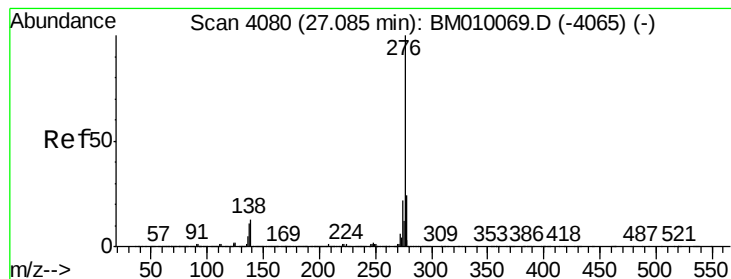
Tgt Ion:252 Resp: 2323888
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 5.8 7.4 11.2#



#90
Dibenzo(a,h)anthracene
Concen: 50.90 ng
RT: 26.27 min Scan# 3941
Delta R.T. -0.07 min
Lab File: BM010222.D
Acq: 25 May 2017 18:08

Tgt Ion:278 Resp: 2883728
Ion Ratio Lower Upper
278 100
139 9.1 13.4 20.0#
279 23.3 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 51.30 ng

RT: 27.01 min Scan# 4067

Delta R.T. -0.08 min

Lab File: BM010222.D

Acq: 25 May 2017 18:08

Instrument :

BNA_M

ClientSampleId :

PB99275BS

Tgt Ion:276 Resp: 2848275

Ion Ratio Lower Upper

276 100

277 23.7 18.5 27.7

138 10.9 19.0 28.6#

