

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
 Data File : BM011268.D
 Acq On : 17 Aug 2017 16:03
 Operator : SJ/JU
 Sample : PB101642BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

Quant Time: Aug 18 01:00:03 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	120328	20.00	ng	-0.01
21) Naphthalene-d8	10.03	136	466209	20.00	ng	-0.01
38) Acenaphthene-d10	13.95	164	325563	20.00	ng	-0.01
63) Phenanthrene-d10	16.70	188	910005	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	1210301	20.00	ng	-0.01
86) Perylene-d12	23.00	264	1080025	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.92	112	898406	126.21	ng	-0.01
7) Phenol-d6	6.49	99	1257246	124.31	ng	0.00
23) Nitrobenzene-d5	8.42	82	1153985	92.90	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	670553	128.51	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	2089383	80.49	ng	-0.01
78) Terphenyl-d14	19.37	244	4192528	68.62	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.91	88	119450	37.37	ng	# 100
3) Pyridine	3.28	79	356311	40.82	ng	# 84
4) n-Nitrosodimethylamine	3.20	42	211786	47.61	ng	# 75
6) Aniline	6.63	93	374183	29.36	ng	# 86
8) 2-Chlorophenol	6.85	128	263191	36.42	ng	# 66
9) Benzaldehyde	6.44	77	135896	20.77	ng	# 75
10) Phenol	6.51	94	430344	39.18	ng	# 90
11) bis(2-Chloroethyl)ether	6.73	93	335790	39.23	ng	# 87
12) 1,3-Dichlorobenzene	7.16	146	317779	36.08	ng	# 77
13) 1,4-Dichlorobenzene	7.31	146	325090	36.01	ng	# 88
14) 1,2-Dichlorobenzene	7.62	146	297691	34.49	ng	# 86
15) Benzyl Alcohol	7.53	79	440555	45.41	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.80	45	349933	45.43	ng	# 78
17) 2-Methylphenol	7.73	107	279462	39.81	ng	# 68
18) Hexachloroethane	8.33	117	149799	38.05	ng	# 84
19) n-Nitroso-di-n-propylamine	8.09	70	390802	45.47	ng	# 88
20) 3+4-Methylphenols	8.06	107	374348	38.36	ng	# 76
22) Acetophenone	8.09	105	527068	37.72	ng	# 84
24) Nitrobenzene	8.46	77	578552	44.95	ng	# 82
25) Isophorone	8.99	82	914552	44.16	ng	# 83
26) 2-Nitrophenol	9.16	139	155670	38.01	ng	# 1
27) 2,4-Dimethylphenol	9.25	122	265202	36.78	ng	# 54
28) bis(2-Chloroethoxy)methane	9.48	93	474904	41.11	ng	# 96
29) 2,4-Dichlorophenol	9.70	162	314158	38.78	ng	# 93
30) 1,2,4-Trichlorobenzene	9.90	180	392689	39.20	ng	# 95
31) Naphthalene	10.08	128	870096	37.10	ng	# 98
32) Benzoic acid	9.39	122	184991	31.92	ng	# 43
33) 4-Chloroaniline	10.22	127	180459	19.29	ng	# 62
34) Hexachlorobutadiene	10.37	225	320959	40.68	ng	# 94
35) Caprolactam	11.00	113	58528	25.47	ng	# 79
36) 4-Chloro-3-methylphenol	11.35	107	412662	39.45	ng	# 66
37) 2-Methylnaphthalene	11.71	142	698106	40.52	ng	# 85
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	548049	39.18	ng	# 100
40) Hexachlorocyclopentadiene	12.07	237	845242	103.71	ng	# 96

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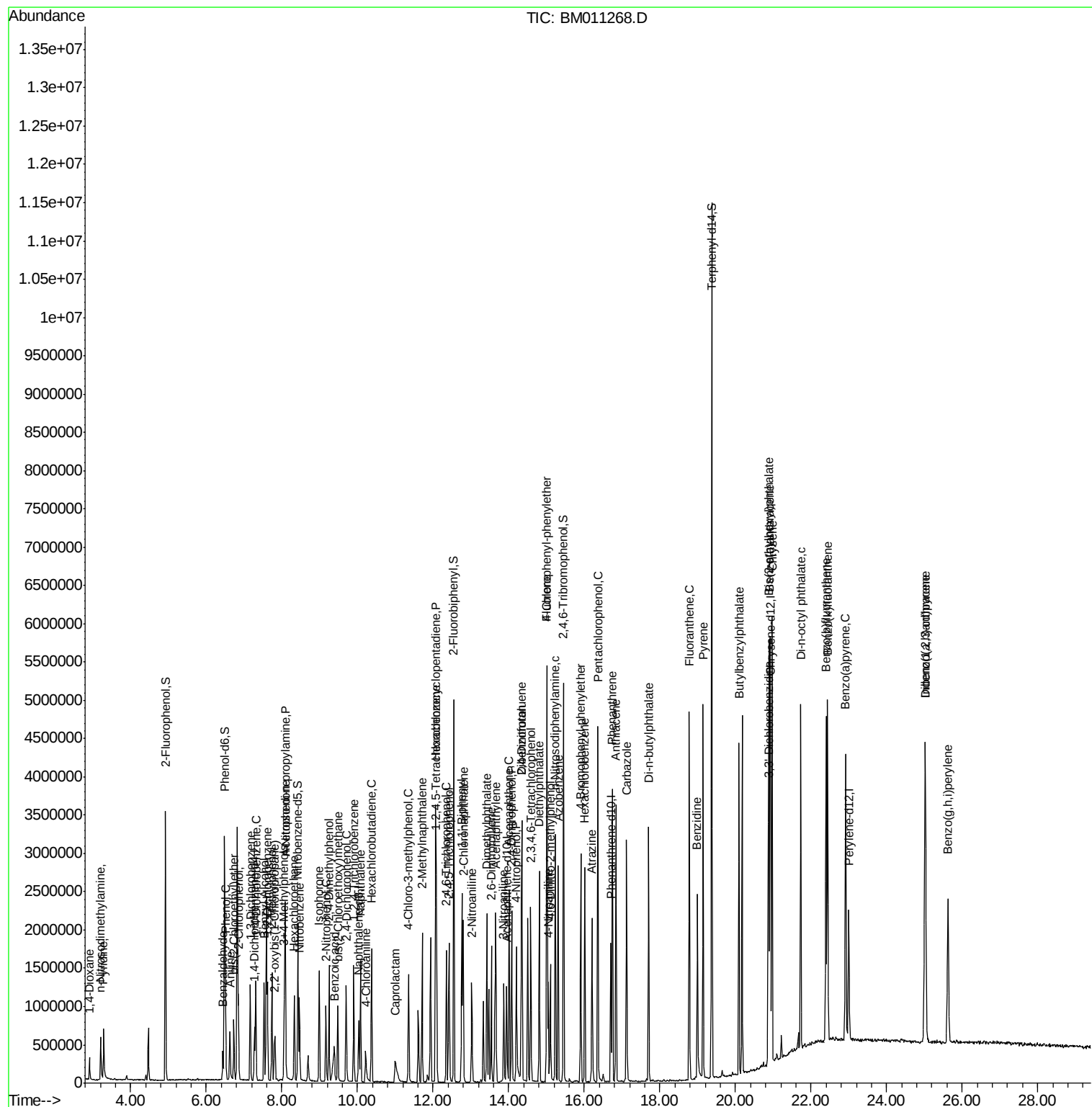
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.35	196	321041	37.92	nq	96
43) 2,4,5-Trichlorophenol	12.43	196	334934	38.41	nq	# 84
45) 1,1'-Biphenyl	12.76	154	981575	34.87	nq	96
46) 2-Chloronaphthalene	12.80	162	782686	37.74	nq	94
47) 2-Nitroaniline	13.02	65	377744	51.48	nq	# 56
48) Acenaphthylene	13.66	152	1208024	39.03	nq	99
49) Dimethylphthalate	13.43	163	1077025	38.67	nq	# 98
50) 2,6-Dinitrotoluene	13.54	165	229701	40.79	nq	# 32
51) Acenaphthene	14.01	154	745604	38.90	nq	98
52) 3-Nitroaniline	13.87	138	177448	36.31	nq	# 21
53) 2,4-Dinitrophenol	14.08	184	341088	85.22	nq	# 77
54) Dibenzofuran	14.35	168	1316085	42.38	nq	# 90
55) 4-Nitrophenol	14.20	139	302232	70.39	nq	# 72
56) 2,4-Dinitrotoluene	14.34	165	328879	41.60	nq	# 71
57) Fluorene	15.00	166	1084129	40.10	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.59	232	379928	46.49	nq	# 100
59) Diethylphthalate	14.81	149	1138927	40.04	nq	98
60) 4-Chlorophenyl-phenylether	15.02	204	663043	40.62	nq	96
61) 4-Nitroaniline	15.05	138	170962	32.93	nq	# 1
62) Azobenzene	15.31	77	1648569	54.16	nq	84
64) 4,6-Dinitro-2-methylphenol	15.10	198	246685	40.04	nq	94
65) n-Nitrosodiphenylamine	15.23	169	959821	36.86	nq	100
66) 4-Bromophenyl-phenylether	15.91	248	448029	38.30	nq	# 88
67) Hexachlorobenzene	16.01	284	457932	34.64	nq	# 88
68) Atrazine	16.21	200	439753	42.14	nq	97
69) Pentachlorophenol	16.36	266	648251	77.24	nq	98
70) Phenanthrene	16.74	178	1949064	40.90	nq	99
71) Anthracene	16.84	178	1993333	41.95	nq	99
72) Carbazole	17.12	167	1702042	40.95	nq	100
73) Di-n-butylphthalate	17.71	149	2011943	39.75	nq	# 95
74) Fluoranthene	18.78	202	2657827	45.01	nq	98
76) Benzidine	18.99	184	1350306	46.64	nq	99
77) Pyrene	19.14	202	2751424	38.26	nq	100
79) Butylbenzylphthalate	20.09	149	957902	37.46	nq	# 51
80) Benzo(a)anthracene	20.92	228	2779368	40.22	nq	99
81) 3,3'-Dichlorobenzidine	20.87	252	791099	29.18	nq	# 96
82) Chrysene	20.97	228	2642004	39.83	nq	99
83) Bis(2-ethylhexyl)phthalate	20.89	149	1380875	36.71	nq	100
84) Di-n-octyl phthalate	21.73	149	2314168	37.90	nq	# 95
85) Indeno(1,2,3-cd)pyrene	25.02	276	2666736	38.82	nq	# 96
87) Benzo(b)fluoranthene	22.40	252	2669630	38.51	nq	# 91
88) Benzo(k)fluoranthene	22.44	252	2631998	39.62	nq	# 95
89) Benzo(a)pyrene	22.92	252	2545510	40.58	nq	# 95
90) Dibenzo(a,h)anthracene	25.03	278	2199493	37.83	nq	# 90
91) Benzo(g,h,i)perylene	25.63	276	2253501	39.47	nq	# 85

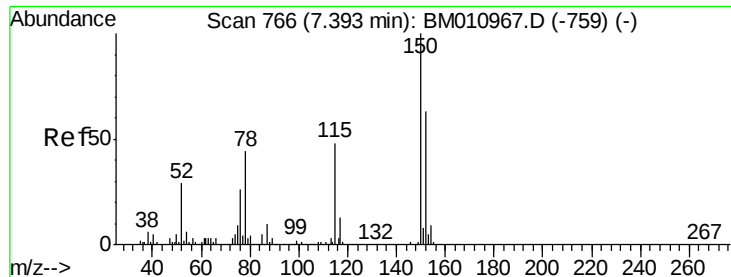
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 763

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

ClientSampleId :

PB101642BS

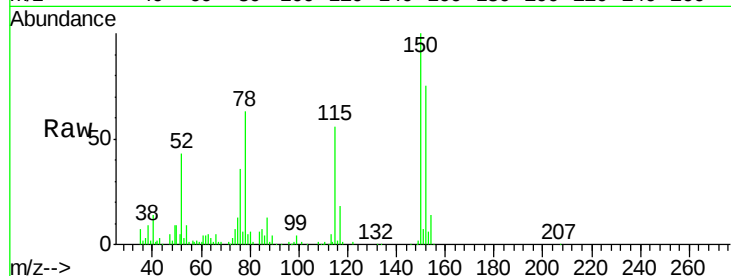
Tot Ion:152 Resp: 120328

Ion Ratio Lower Upper

152 100

150 133.7 119.5 179.3

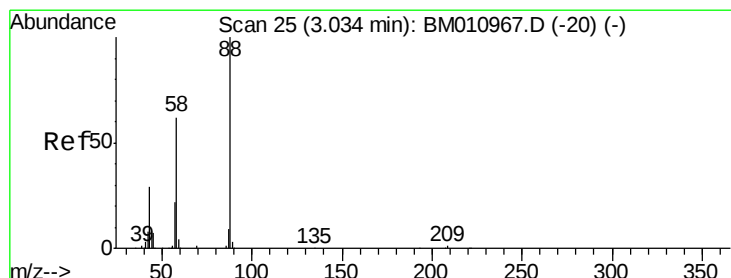
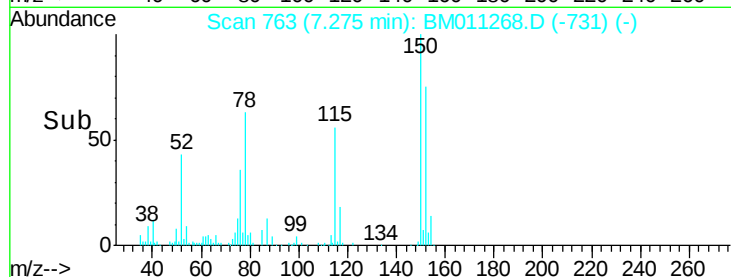
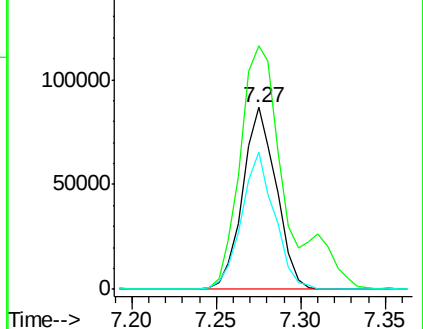
115 75.5 43.0 64.4#



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: 37.37 ng

RT: 2.91 min Scan# 21

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

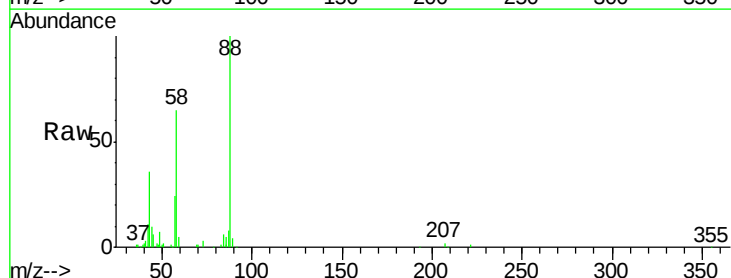
Tgt Ion: 88 Resp: 119450

Ion Ratio Lower Upper

88 100

58 70.3 0.0 0.0#

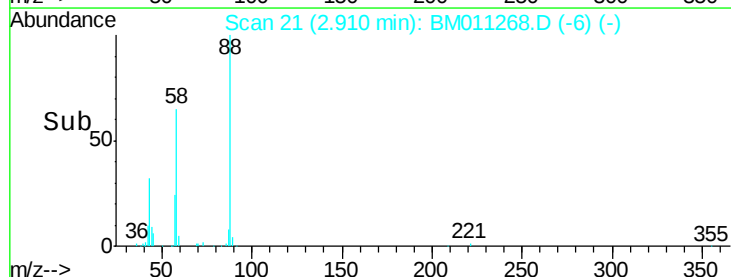
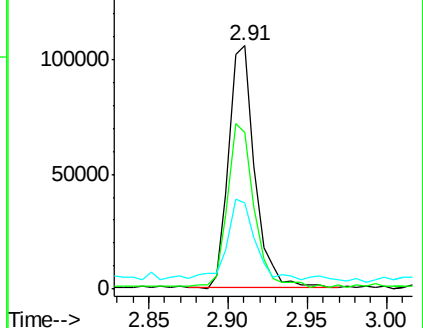
43 37.0 0.0 0.0#

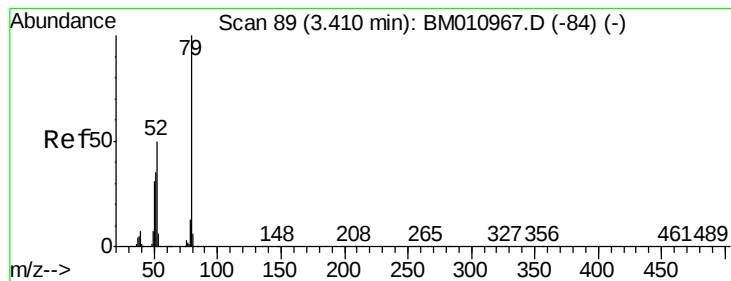


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 40.82 ng

RT: 3.28 min Scan# 84

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

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ClientSampleId :

PB101642BS

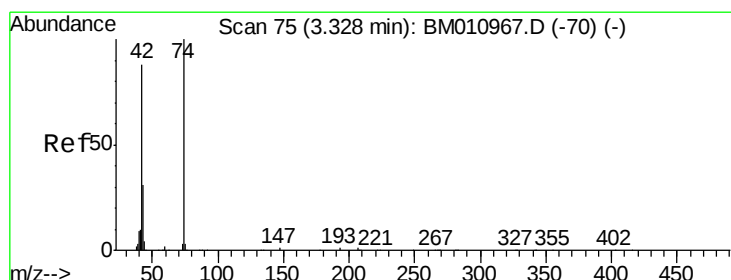
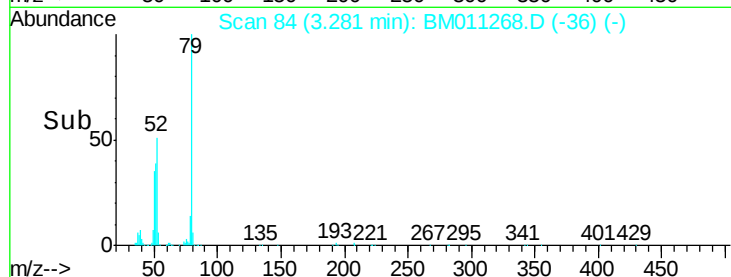
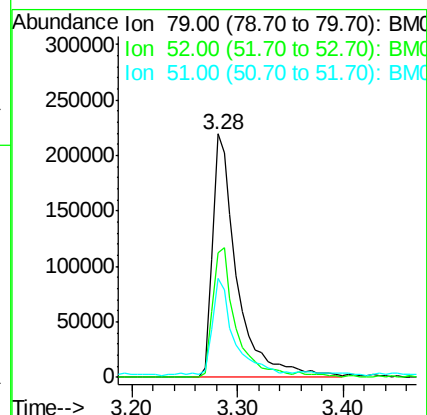
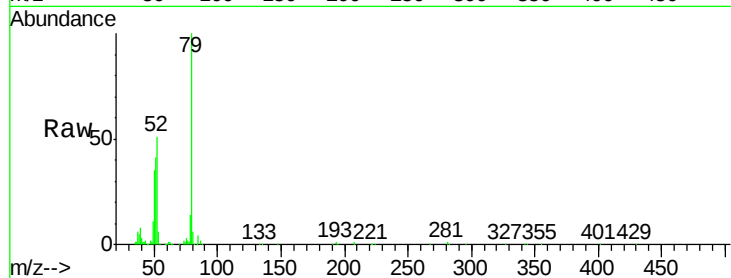
Tot Ion: 79 Resp: 356311

Ion Ratio Lower Upper

79 100

52 51.0 51.1 76.7#

51 40.8 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 47.61 ng

RT: 3.20 min Scan# 71

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

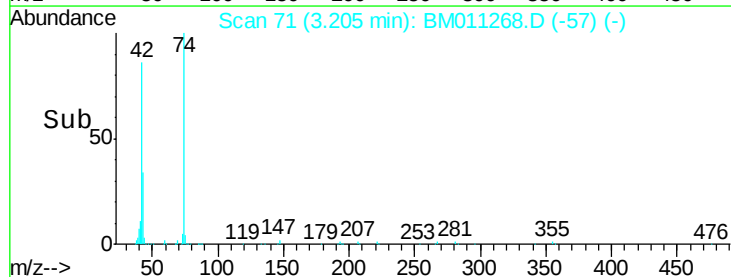
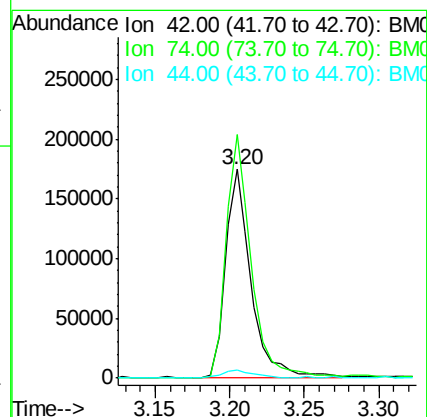
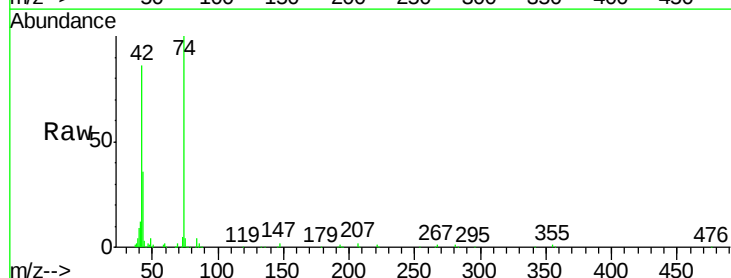
Tgt Ion: 42 Resp: 211786

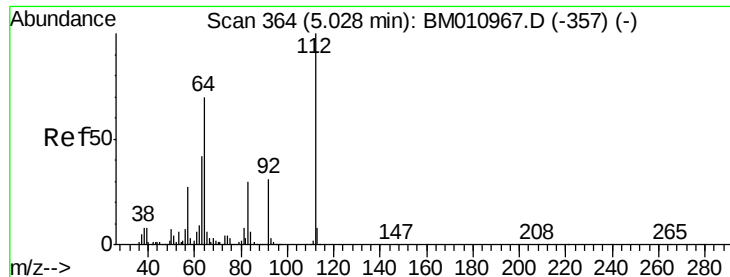
Ion Ratio Lower Upper

42 100

74 116.5 119.3 178.9#

44 3.9 5.4 8.2#





#5

2-Fluorophenol

Concen: 126.21 ng

RT: 4.92 min Scan# 362

Delta R.T. -0.01 min

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Instrument :

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PB101642BS

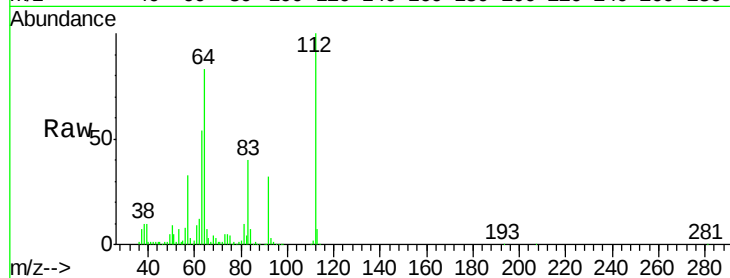
Tot Ion:112 Resp: 898406

Ion Ratio Lower Upper

112 100

64 83.4 38.6 57.8#

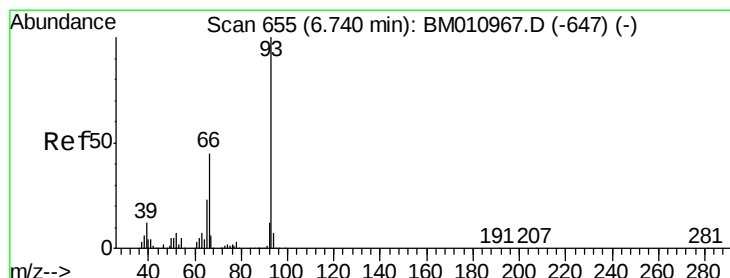
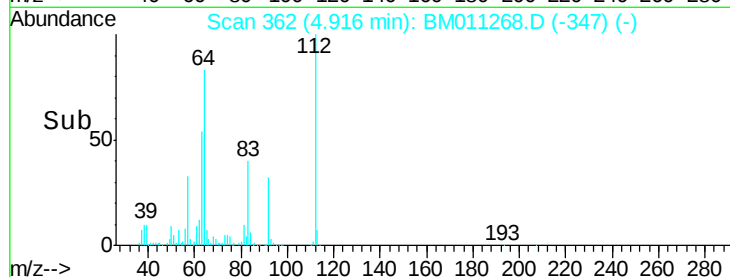
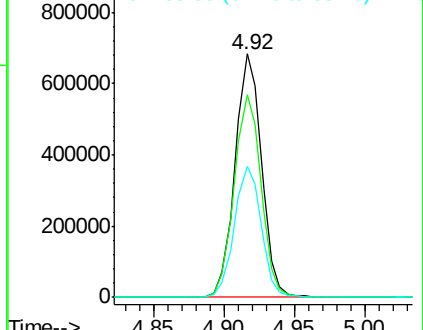
63 53.8 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 29.36 ng

RT: 6.63 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

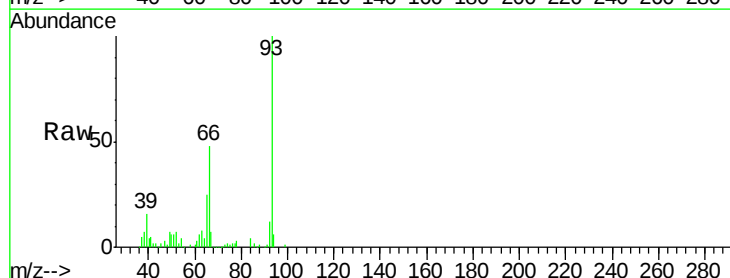
Tgt Ion: 93 Resp: 374183

Ion Ratio Lower Upper

93 100

66 47.5 30.8 46.2#

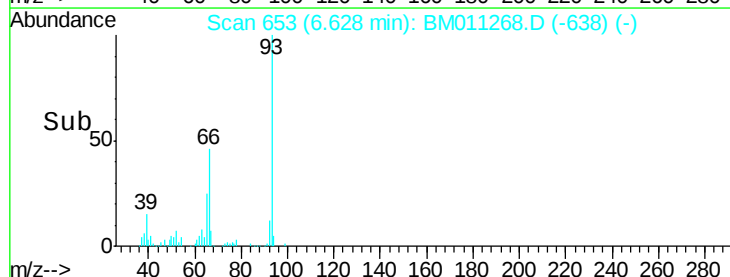
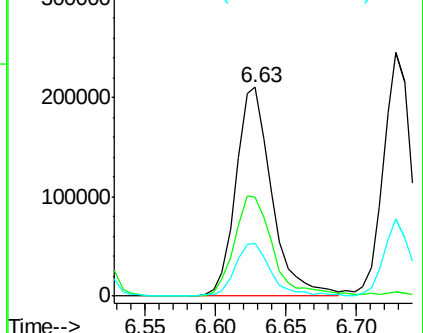
65 25.3 16.0 24.0#

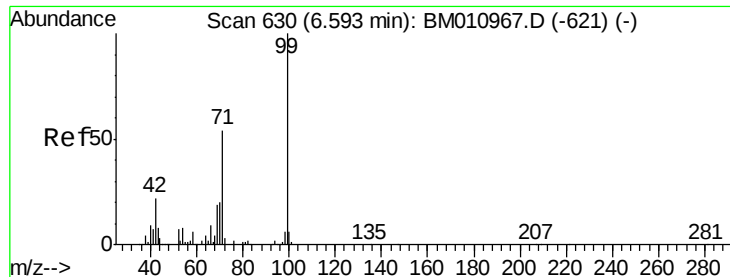


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 124.31 ng

RT: 6.49 min Scan# 629

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

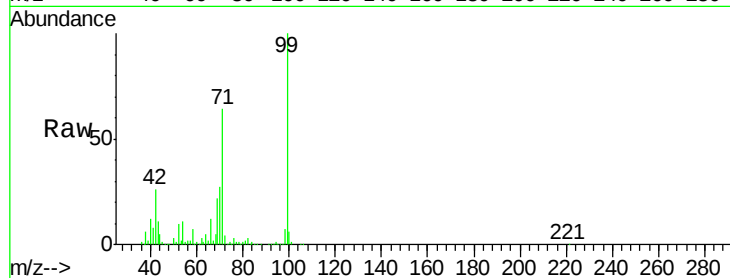
BNA_M

ClientSampleId :

PB101642BS

Tot Ion: 99 Resp: 1257246

Ion	Ratio	Lower	Upper
99	100		
42	25.8	11.0	16.4#
71	64.0	23.4	35.2#

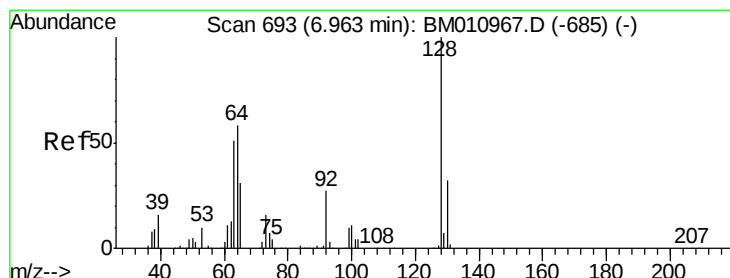
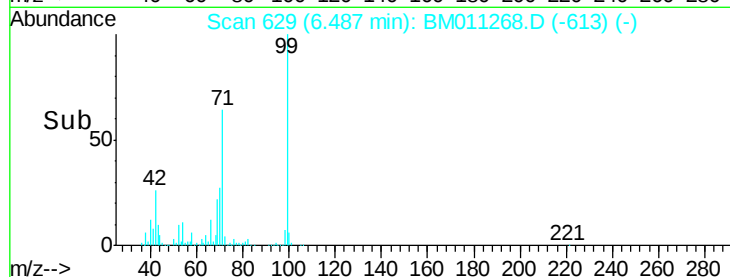
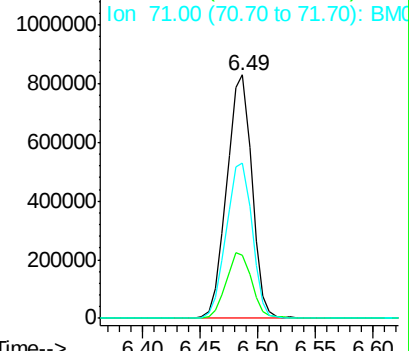


Abundance

Ion 99.00 (98.70 to 99.70): BM011268.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011268.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011268.D (-613) (-)



#8

2-Chlorophenol

Concen: 36.42 ng

RT: 6.85 min Scan# 691

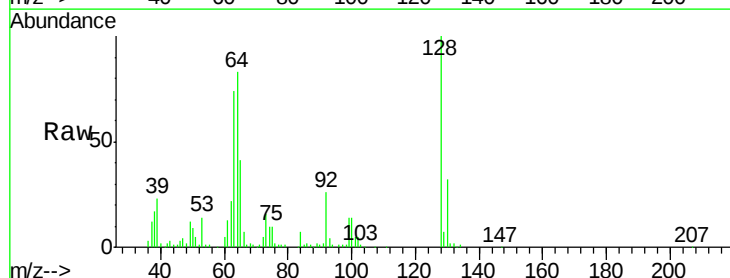
Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion: 128 Resp: 263191

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	83.4	24.9	64.9#

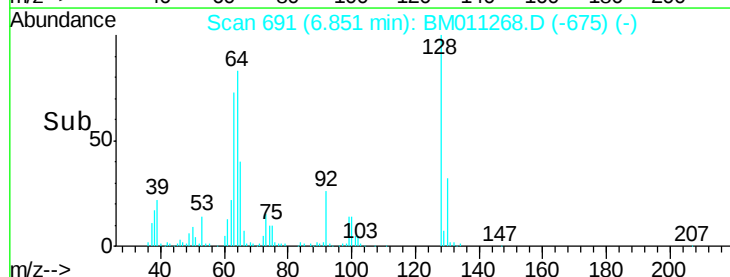
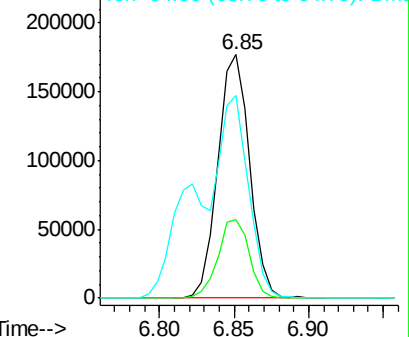


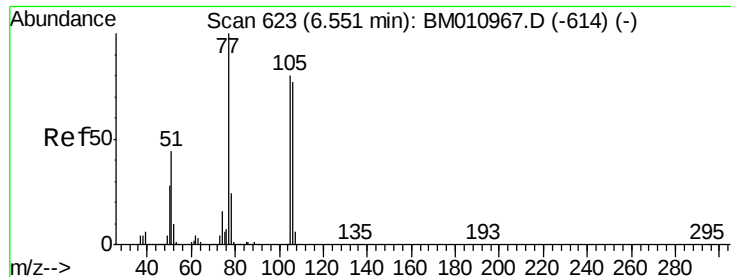
Abundance

Ion 128.00 (127.70 to 128.70): BM011268.D (-675) (-)

Ion 130.00 (129.70 to 130.70): BM011268.D (-675) (-)

Ion 64.00 (63.70 to 64.70): BM011268.D (-675) (-)

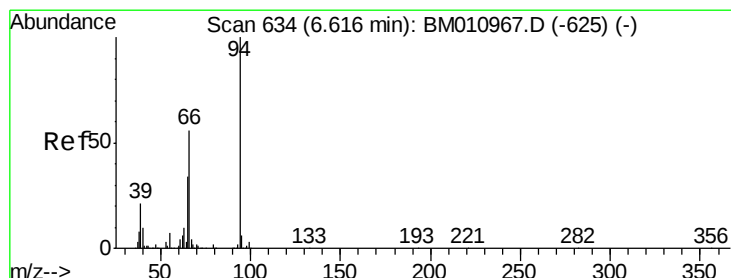
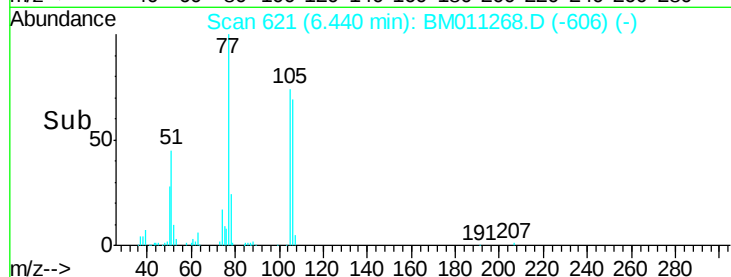
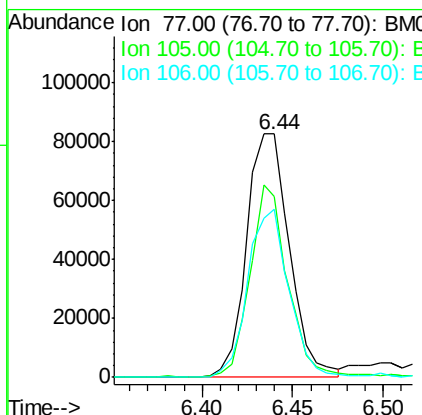
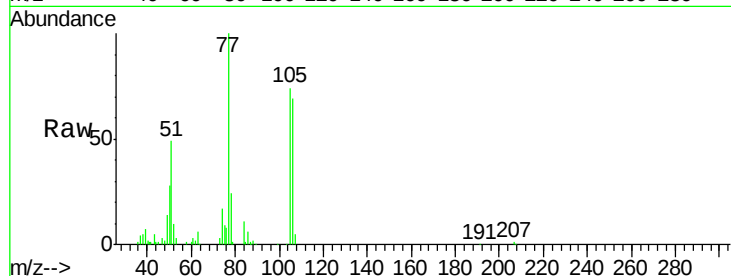




#9
Benzaldehyde
Concen: 20.77 ng
RT: 6.44 min Scan# 621
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

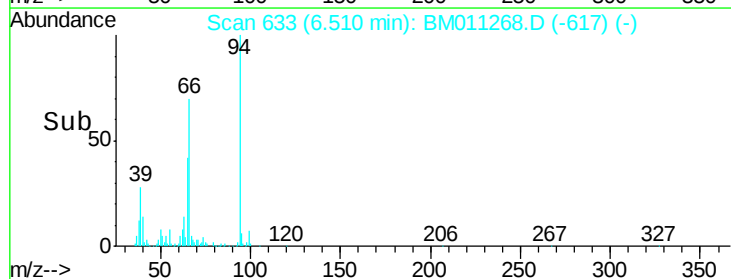
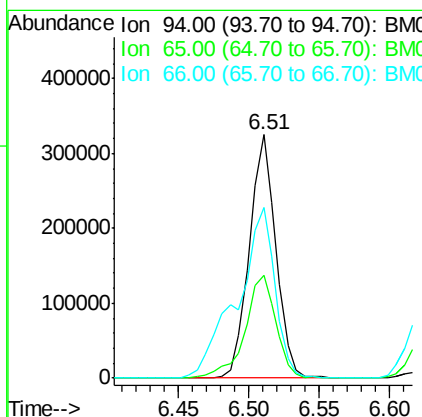
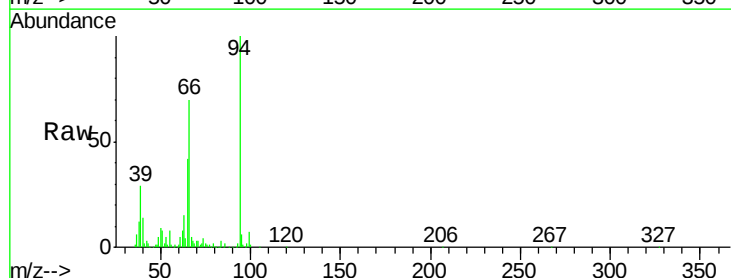
Instrument :
BNA_M
ClientSampleID :
PB101642BS

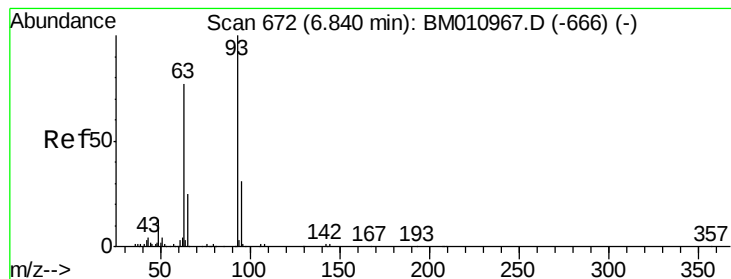
Tot Ion: 77 Resp: 135896
Ion Ratio Lower Upper
77 100
105 74.2 78.8 118.8#
106 69.0 73.7 113.7#



#10
Phenol
Concen: 39.18 ng
RT: 6.51 min Scan# 633
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion: 94 Resp: 430344
Ion Ratio Lower Upper
94 100
65 42.1 18.8 58.8
66 70.2 39.9 79.9

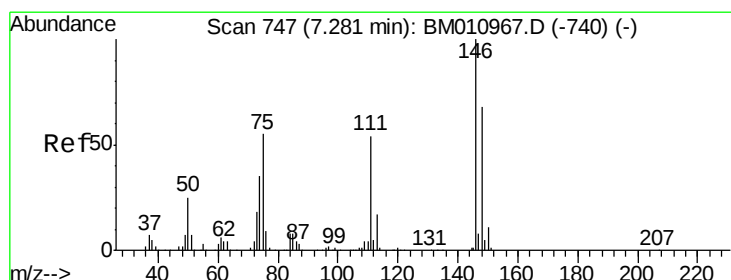
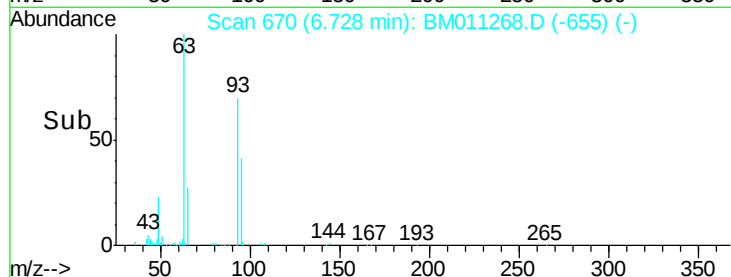
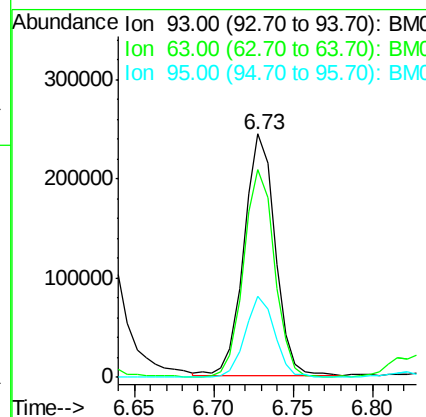
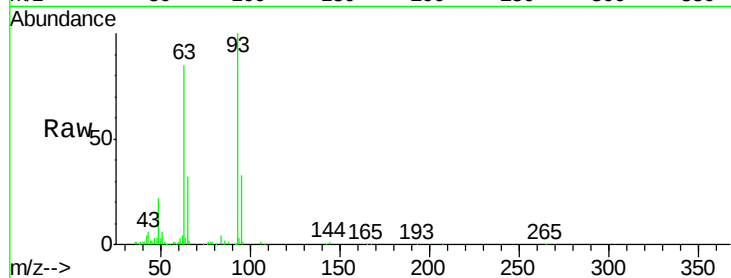




#11
bis(2-Chloroethyl)ether
Concen: 39.23 ng
RT: 6.73 min Scan# 670
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

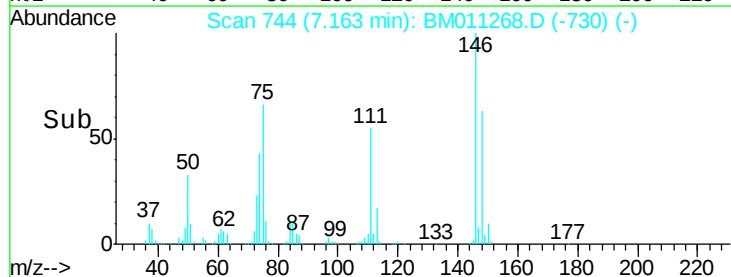
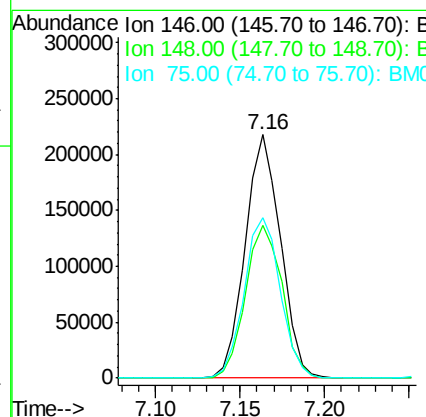
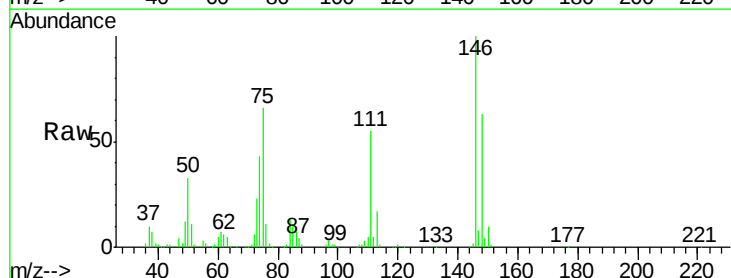
Instrument :
BNA_M
ClientSampleId :
PB101642BS

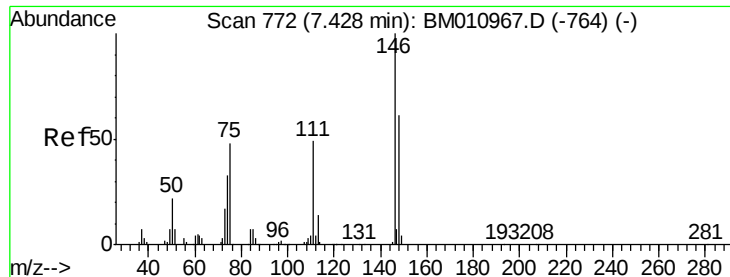
Tot Ion	93	Resp	335790
Ion Ratio	Lower	Upper	
93	100		
63	85.4	49.5	89.5
95	33.4	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 36.08 ng
RT: 7.16 min Scan# 744
Delta R.T. -0.02 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	146	Resp	317779
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.9	76.3
75	66.1	21.4	32.2

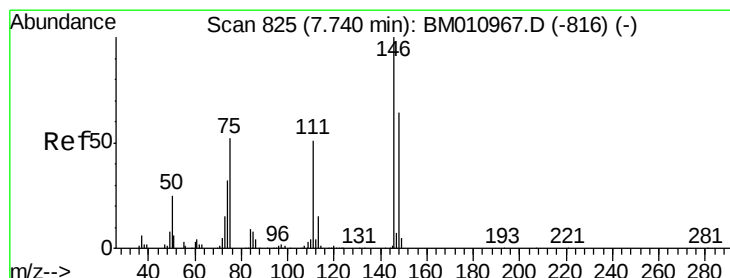
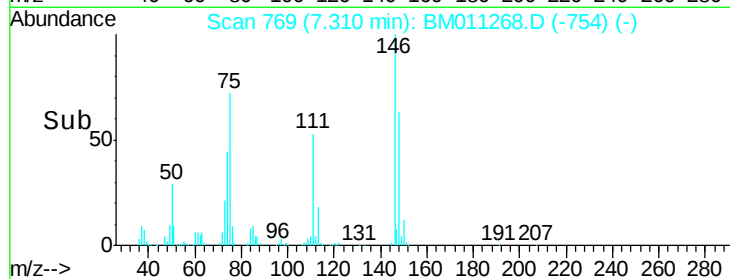
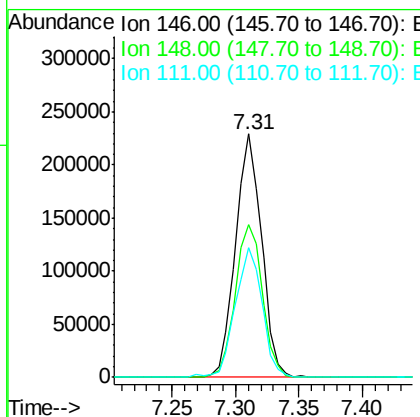
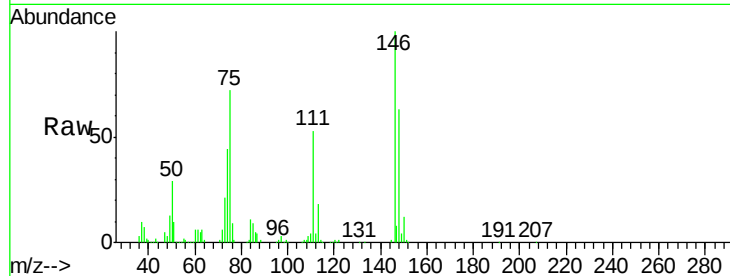




#13
 1,4-Dichlorobenzene
 Concen: 36.01 ng
 RT: 7.31 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

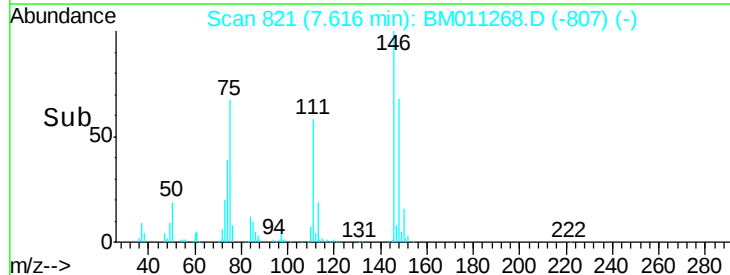
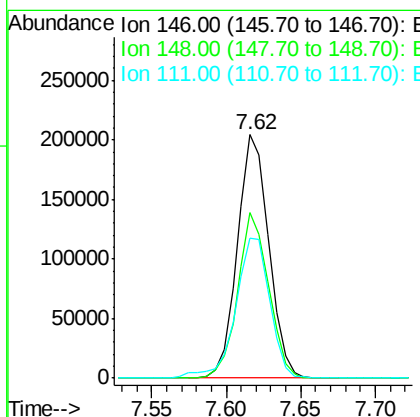
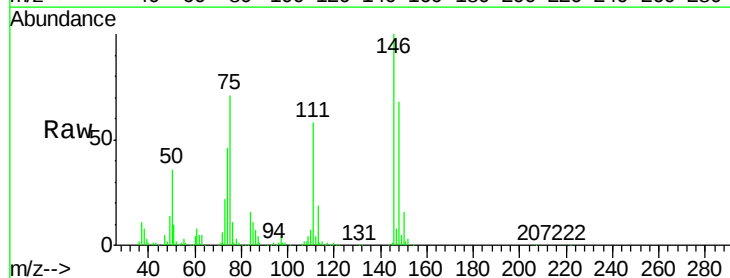
Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

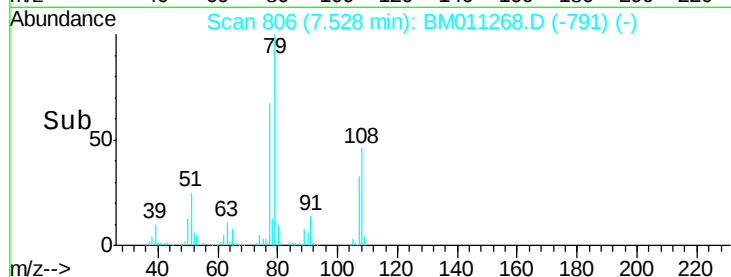
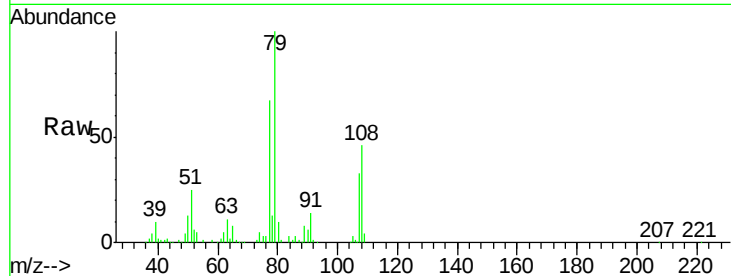
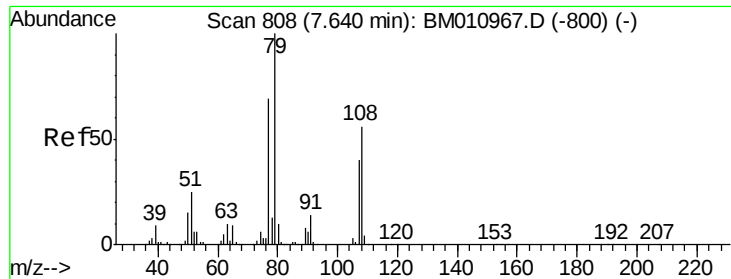
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.9	77.9
111	53.0	29.2	43.8



#14
 1,2-Dichlorobenzene
 Concen: 34.49 ng
 RT: 7.62 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.8	52.3	78.5
111	57.6	30.6	45.8

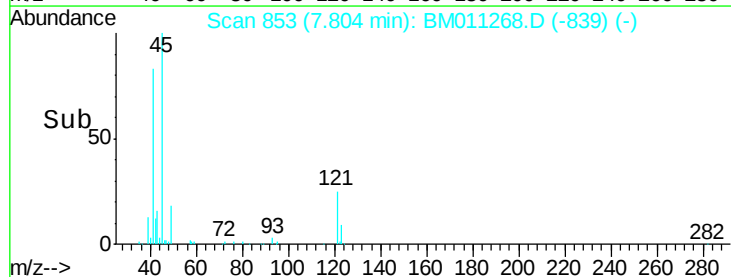
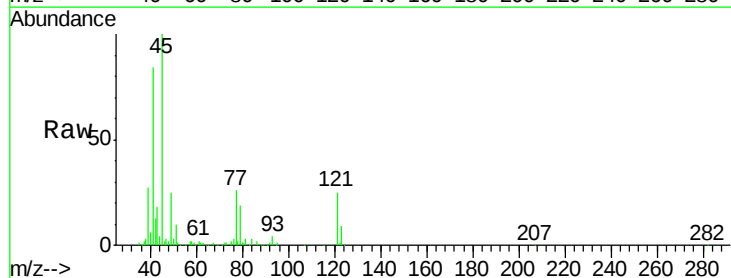
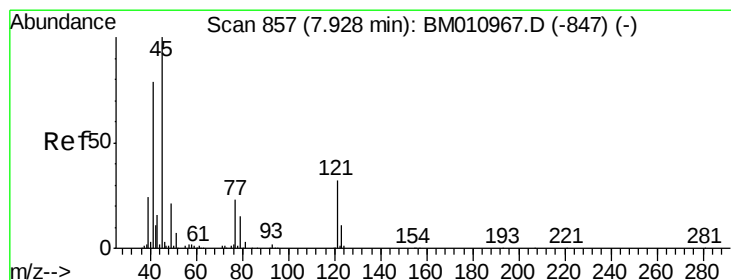
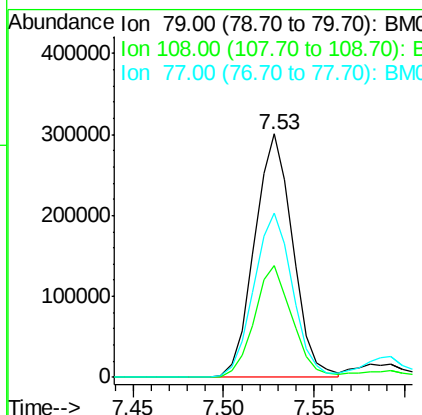




#15
Benzyl Alcohol
Concen: 45.41 ng
RT: 7.53 min Scan# 806
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

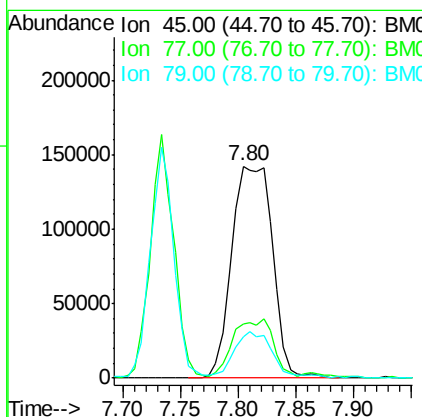
Instrument :
BNA_M
ClientSampleId :
PB101642BS

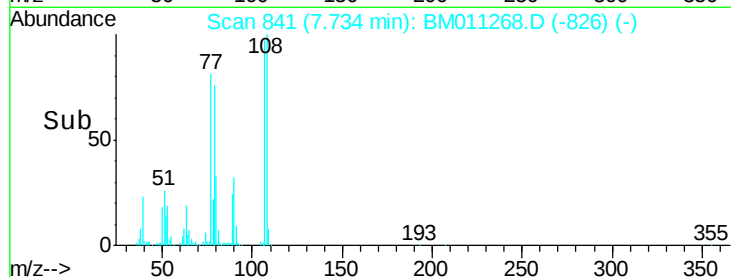
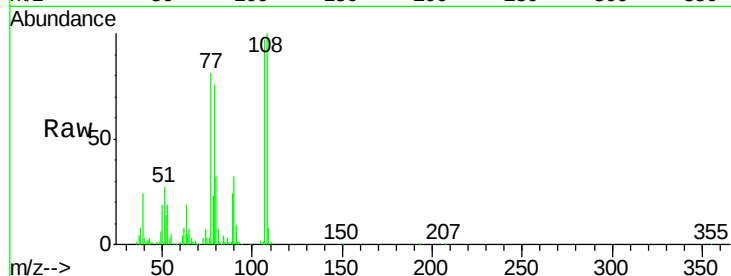
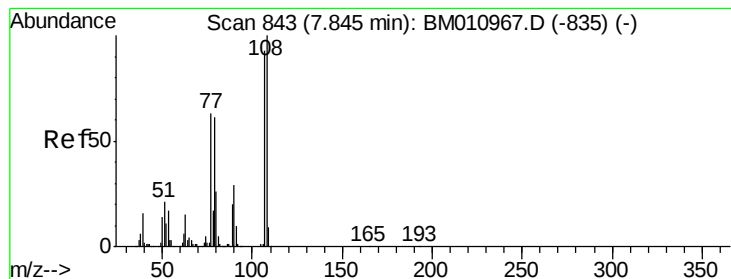
Tot Ion	Ratio	Lower	Upper
79	100		
108	45.8	65.0	97.4#
77	67.3	53.0	79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.43 ng
RT: 7.80 min Scan# 853
Delta R.T. -0.02 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.7	0.0	35.2
79	19.3	0.0	32.0





#17

2-Methylphenol

Concen: 39.81 ng

RT: 7.73 min Scan# 841

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

ClientSampleId :

PB101642BS

Tot Ion:107 Resp: 279462

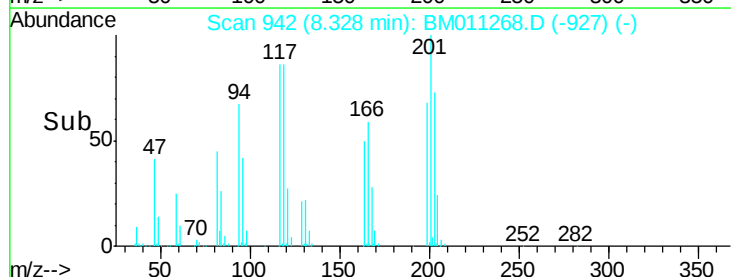
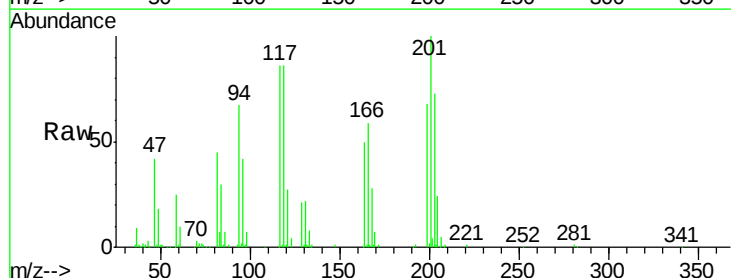
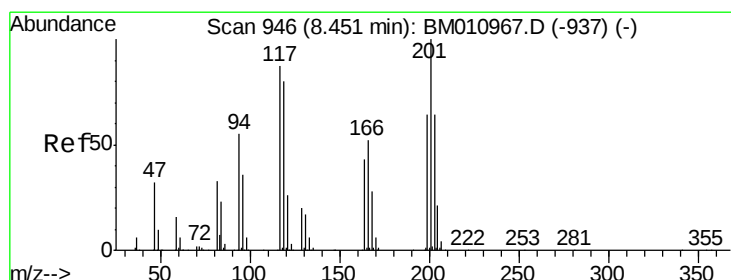
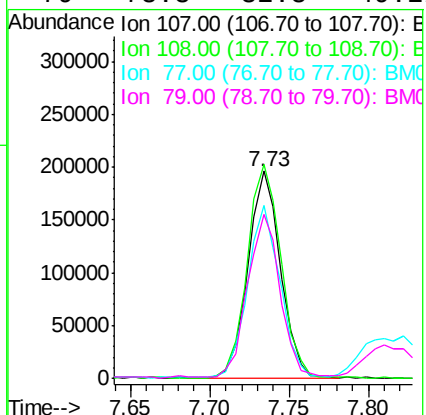
Ion Ratio Lower Upper

107 100

108 103.1 89.8 134.8

77 83.2 32.6 48.8#

79 78.8 32.8 49.2#



#18

Hexachloroethane

Concen: 38.05 ng

RT: 8.33 min Scan# 942

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

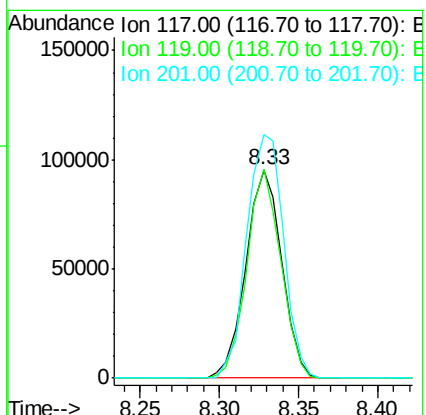
Tgt Ion:117 Resp: 149799

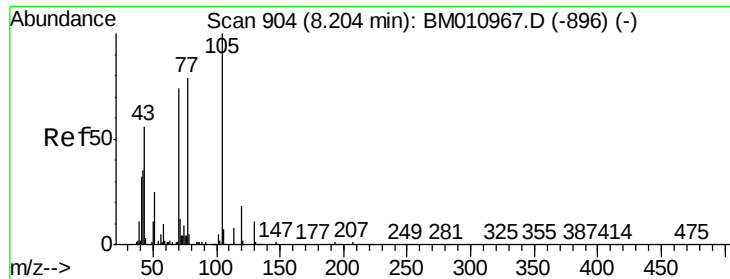
Ion Ratio Lower Upper

117 100

119 100.0 79.2 118.8

201 116.8 69.8 104.6#

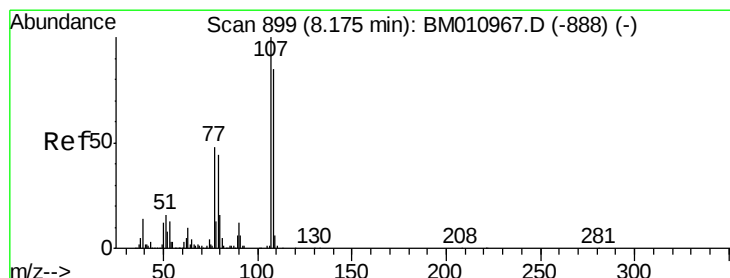
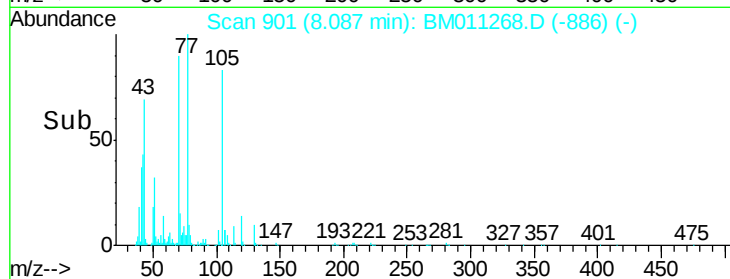
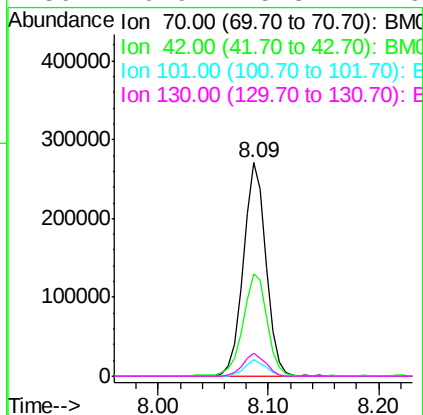
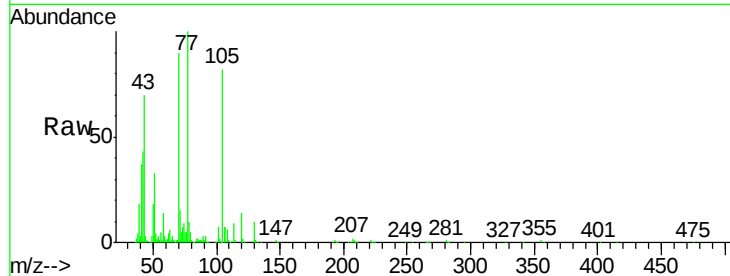




#19
n-Nitroso-di-n-propylamine
Concen: 45.47 ng
RT: 8.09 min Scan# 901
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

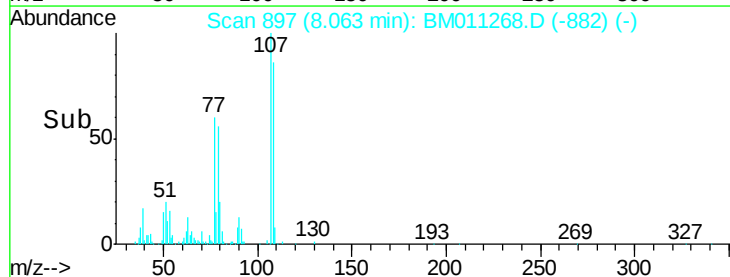
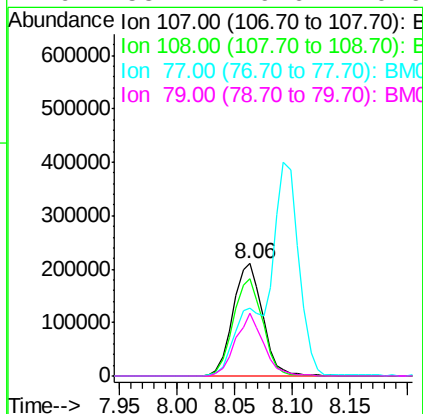
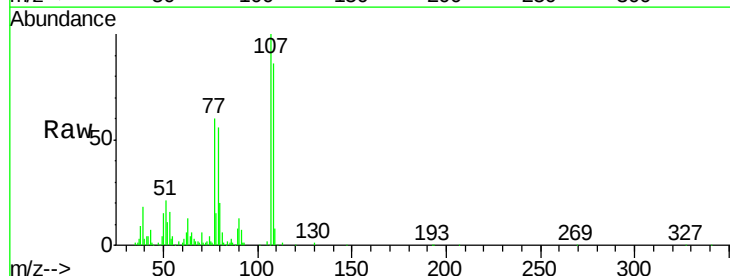
Instrument :
BNA_M
ClientSampleId :
PB101642BS

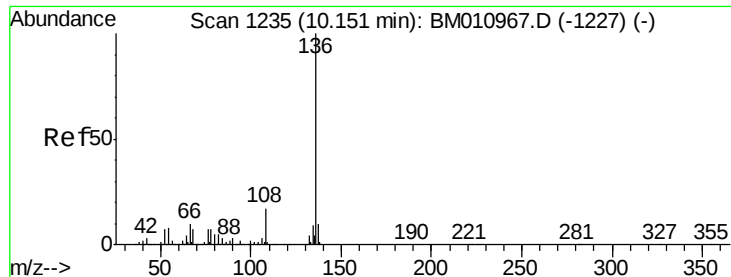
Tot Ion:	70	Resp:	390802
Ion	Ratio	Lower	Upper
70	100		
42	47.8	44.5	66.7
101	7.7	7.4	11.2
130	10.9	15.3	22.9#



#20
3+4-Methylphenols
Concen: 38.36 ng
RT: 8.06 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion:	107	Resp:	374348
Ion	Ratio	Lower	Upper
107	100		
108	86.2	73.2	113.2
77	59.9	10.7	50.7#
79	55.7	9.6	49.6#

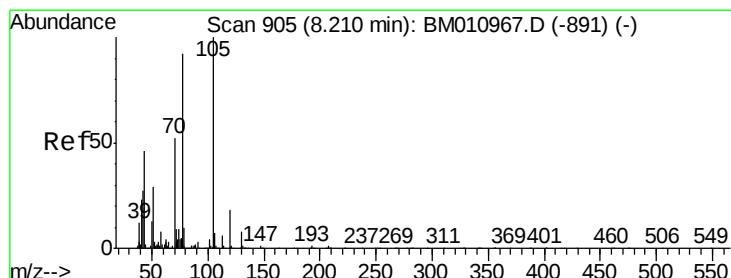
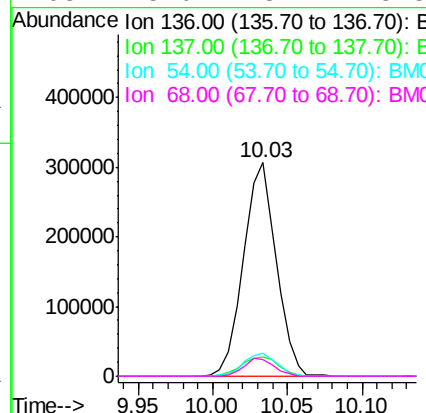
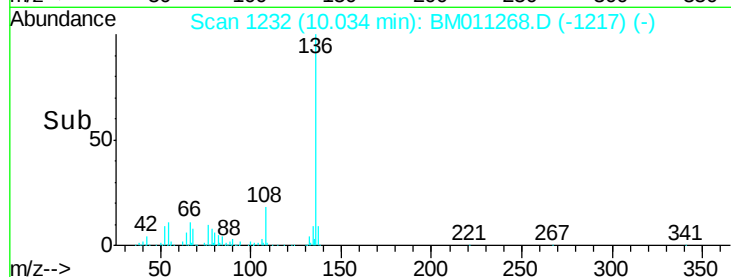
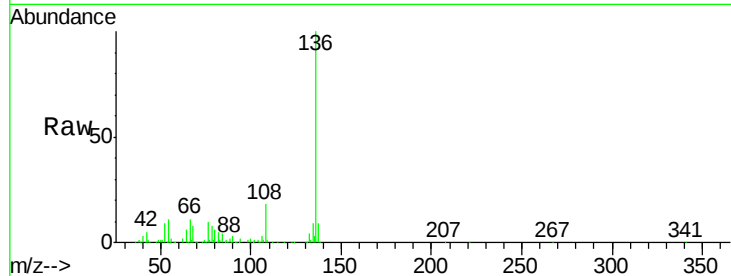




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.03 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

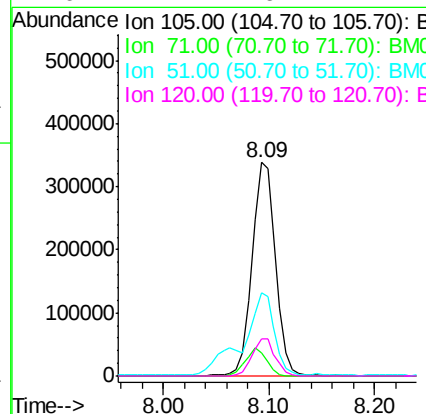
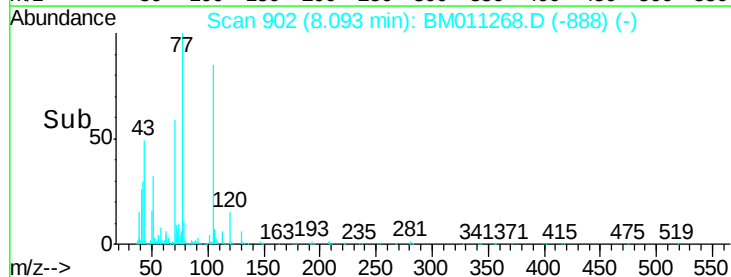
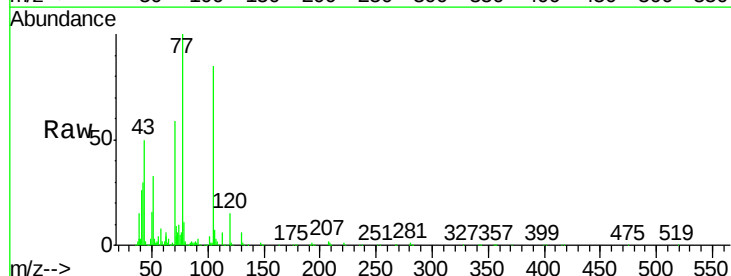
Instrument :
BNA_M
ClientSampleId :
PB101642BS

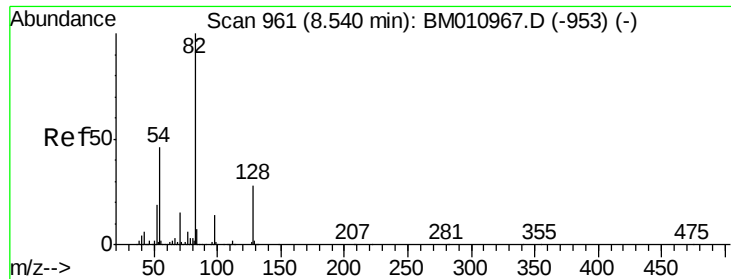
Tot Ion:136	Resp:	466209
Ion Ratio	Lower	Upper
136	100	
137	8.9	8.7 13.1
54	10.8	4.6 6.8#
68	8.0	3.7 5.5#



#22
Acetophenone
Concen: 37.72 ng
RT: 8.09 min Scan# 902
Delta R.T. -0.02 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion:105	Resp:	527068
Ion Ratio	Lower	Upper
105	100	
71	10.9	0.6 1.0#
51	38.8	21.6 32.4#
120	17.4	16.1 24.1

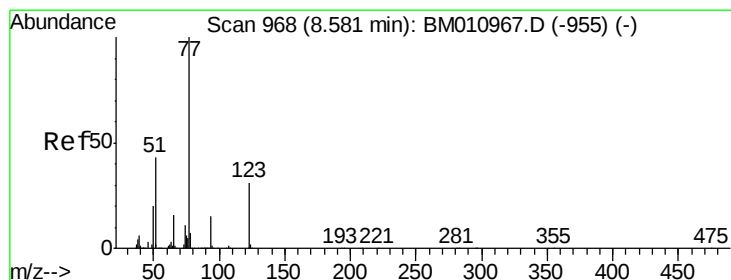
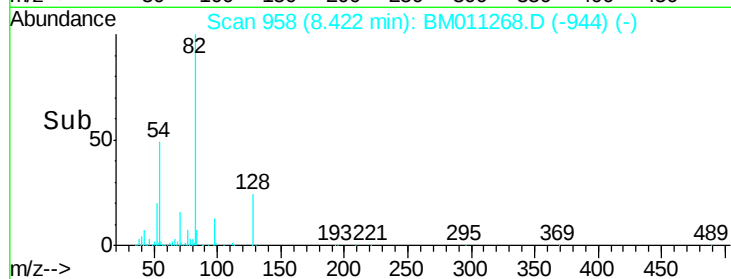
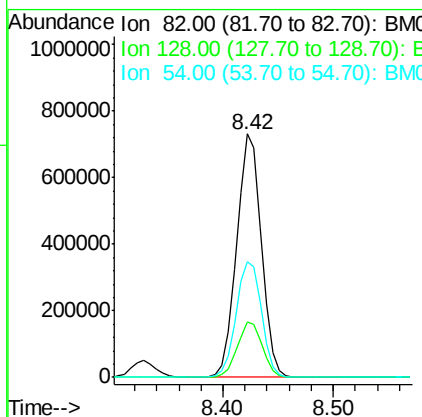
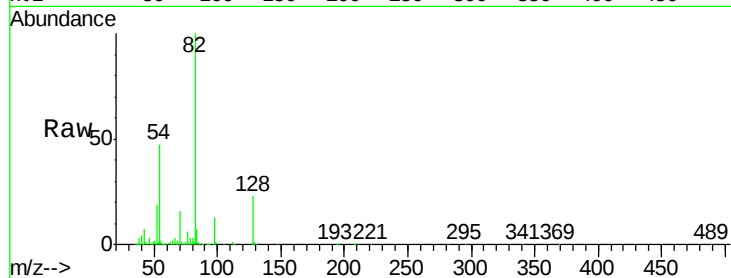




#23
 Nitrobenzene-d5
 Concen: 92.90 ng
 RT: 8.42 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

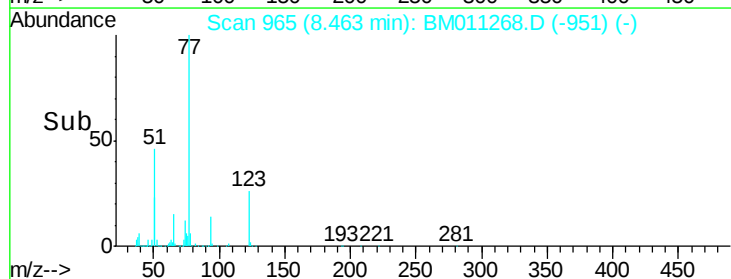
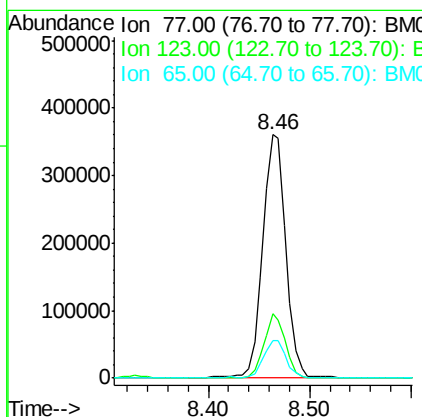
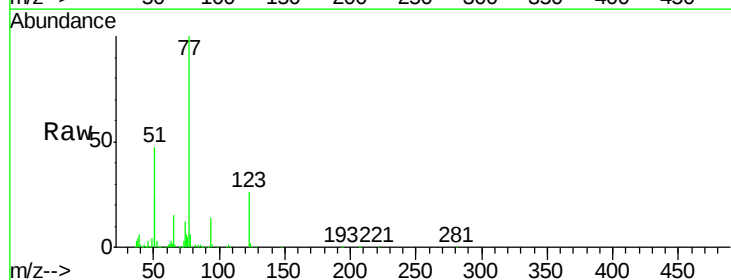
Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

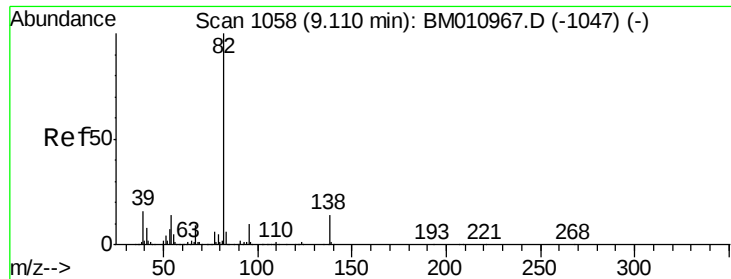
Tot Ion: 82 Resp: 1153985
 Ion Ratio Lower Upper
 82 100
 128 22.8 32.8 49.2#
 54 47.4 40.6 60.8



#24
 Nitrobenzene
 Concen: 44.95 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion: 77 Resp: 578552
 Ion Ratio Lower Upper
 77 100
 123 26.3 32.6 49.0#
 65 15.4 10.9 16.3





#25

Isophorone

Concen: 44.16 ng

RT: 8.99 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

ClientSampleId :

PB101642BS

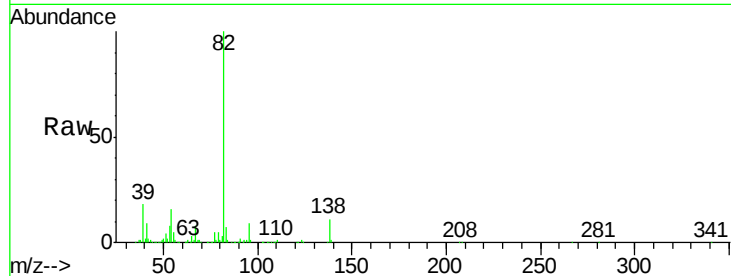
Tot Ion: 82 Resp: 914552

Ion Ratio Lower Upper

82 100

95 8.9 5.8 8.6#

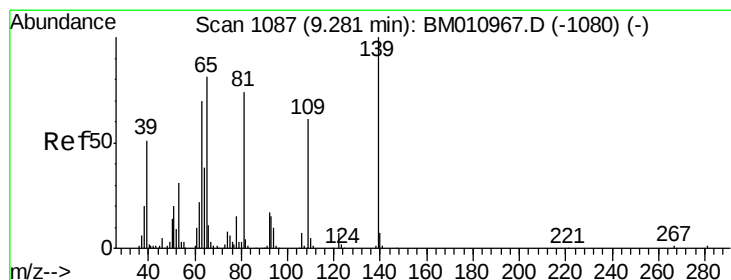
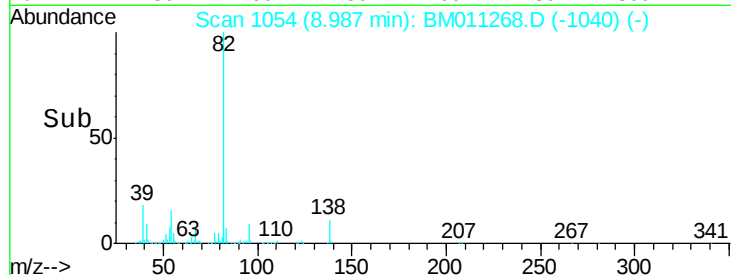
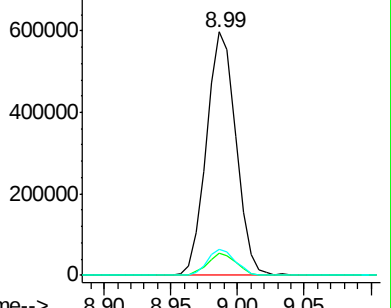
138 10.7 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM011268.D (-1040) (-)

Ion 95.00 (94.70 to 95.70): BM011268.D (-1040) (-)

Ion 138.00 (137.70 to 138.70): BM011268.D (-1040) (-)



#26

2-Nitrophenol

Concen: 38.01 ng

RT: 9.16 min Scan# 1084

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

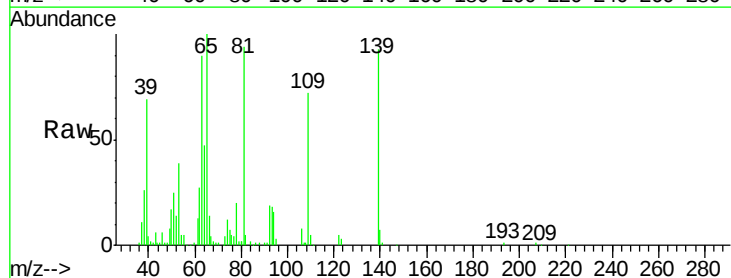
Tgt Ion: 139 Resp: 155670

Ion Ratio Lower Upper

139 100

109 77.7 20.1 30.1#

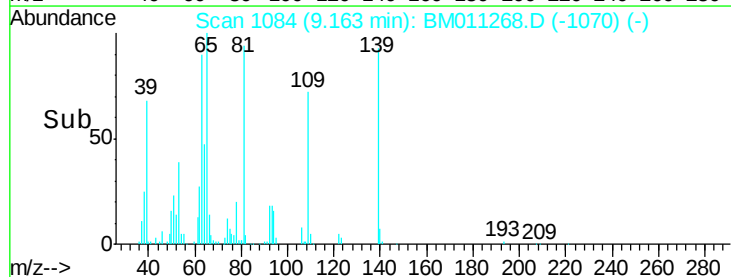
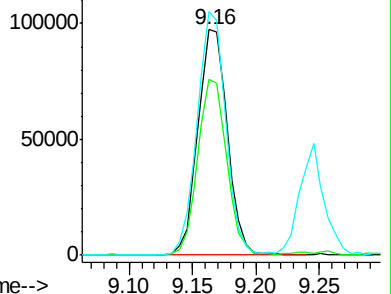
65 107.9 31.5 47.3#

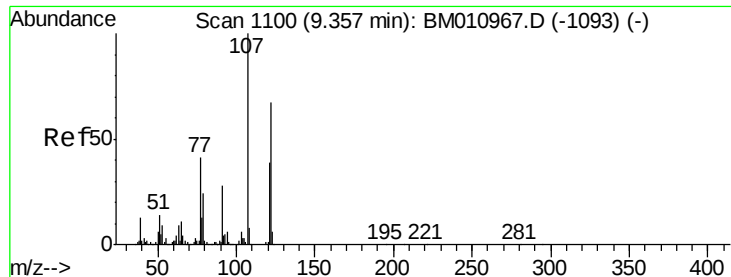


Abundance Ion 139.00 (138.70 to 139.70): BM011268.D (-1070) (-)

Ion 109.00 (108.70 to 109.70): BM011268.D (-1070) (-)

Ion 65.00 (64.70 to 65.70): BM011268.D (-1070) (-)

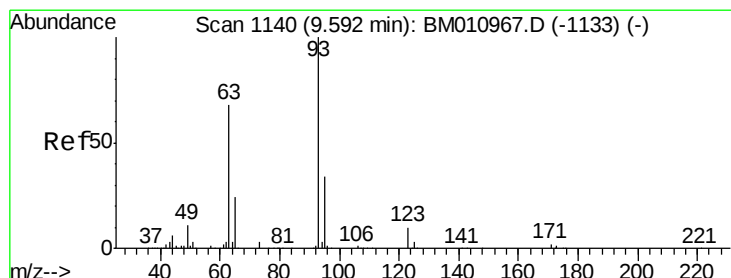
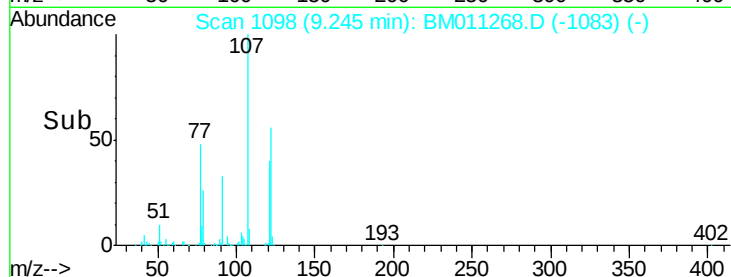
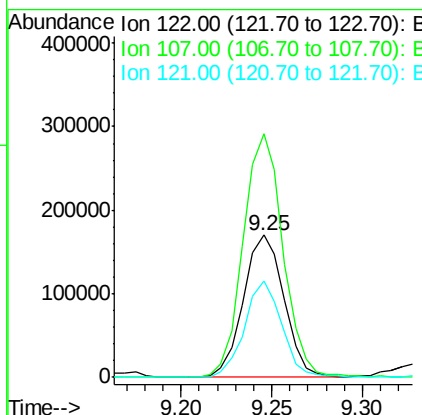
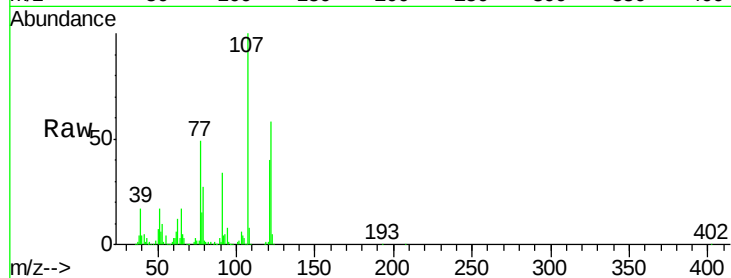




#27
 2,4-Dimethylphenol
 Concen: 36.78 ng
 RT: 9.25 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

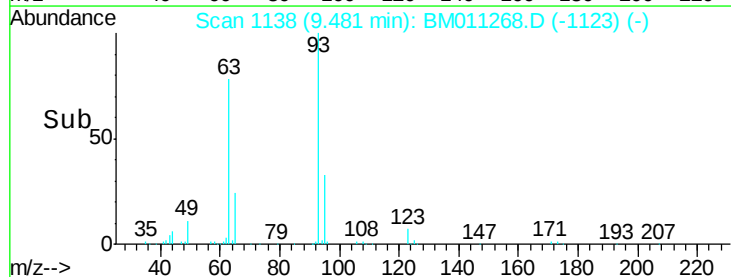
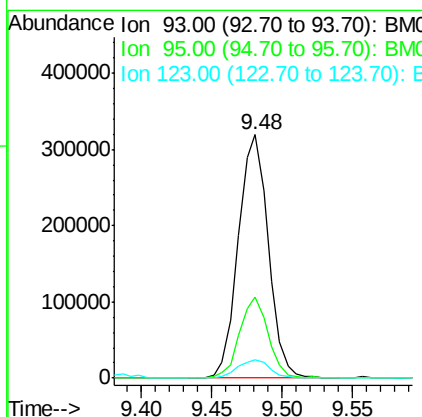
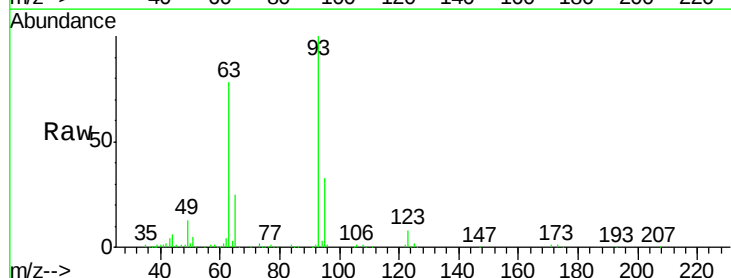
Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

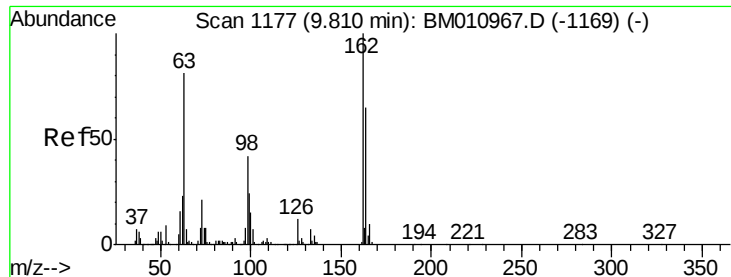
Tot Ion	Ratio	Lower	Upper
122	100		
107	171.5	84.7	127.1#
121	67.8	46.6	69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.11 ng
 RT: 9.48 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.5	38.3
123	7.6	8.6	13.0#

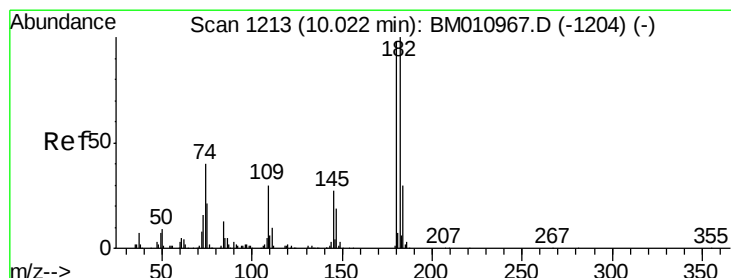
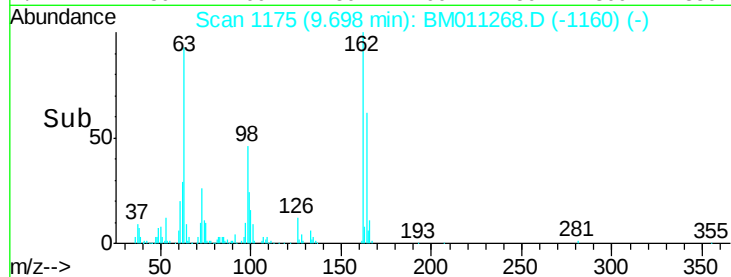
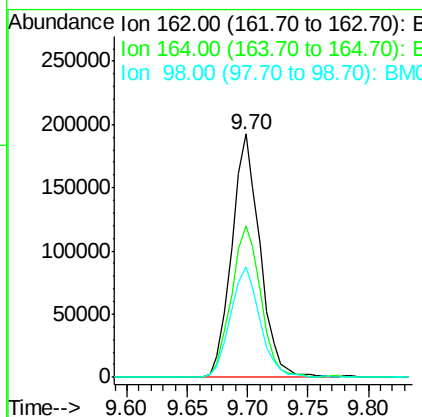
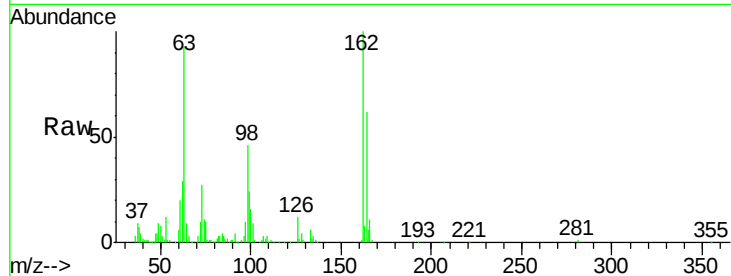




#29
 2,4-Dichlorophenol
 Concen: 38.78 ng
 RT: 9.70 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

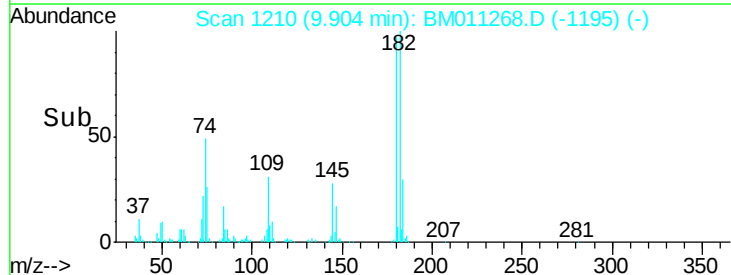
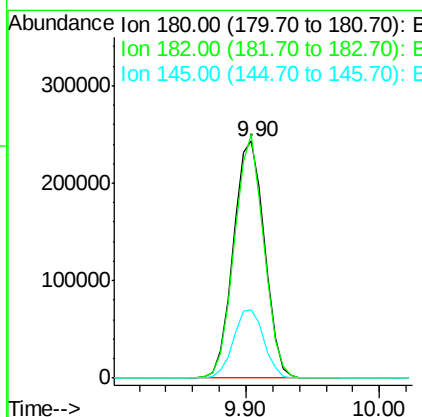
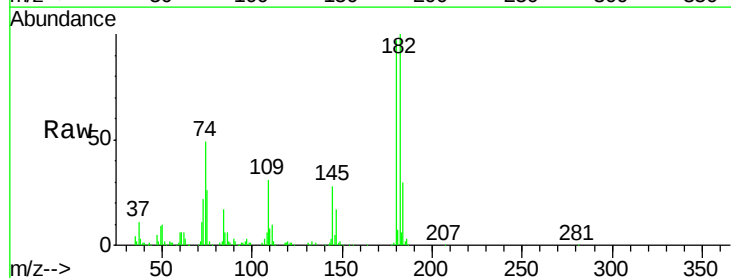
Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

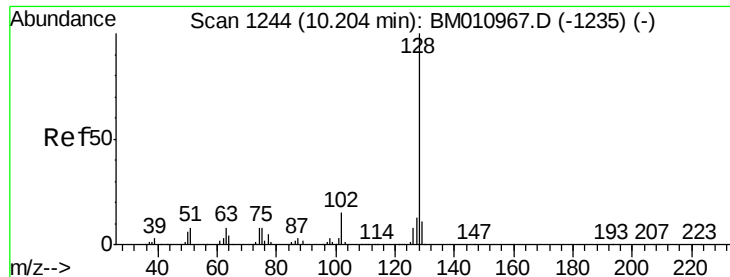
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.8	82.8
98	45.6	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 39.20 ng
 RT: 9.90 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.8	77.6	116.4
145	28.6	23.4	35.2

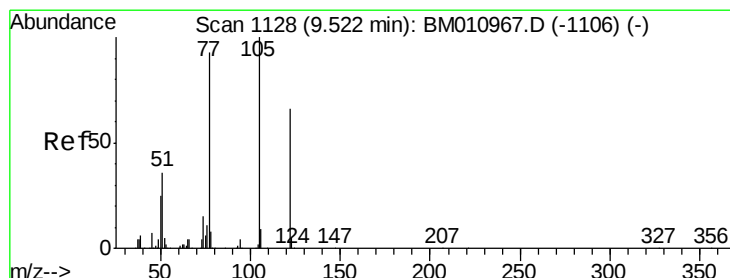
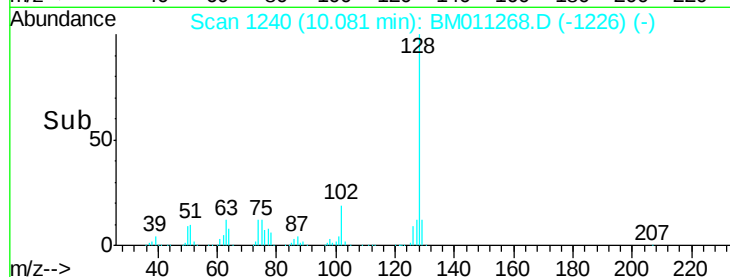
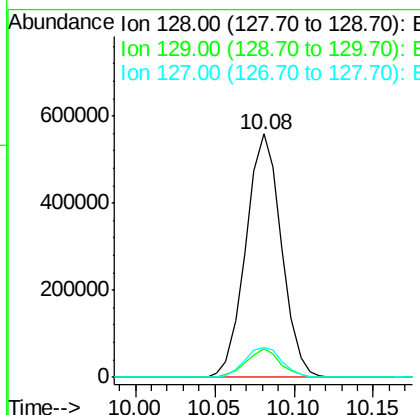
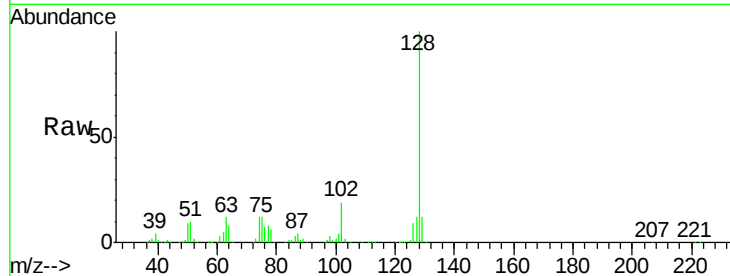




#31
Naphthalene
Concen: 37.10 ng
RT: 10.08 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

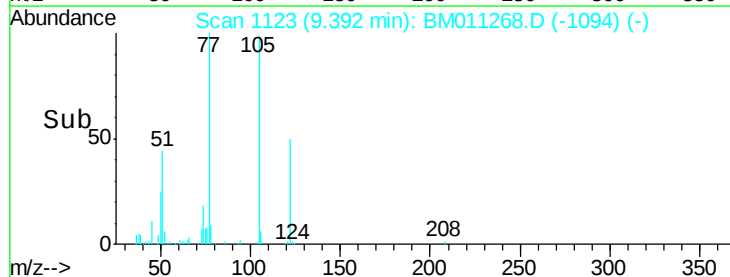
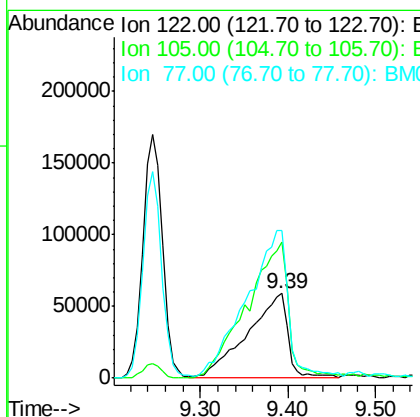
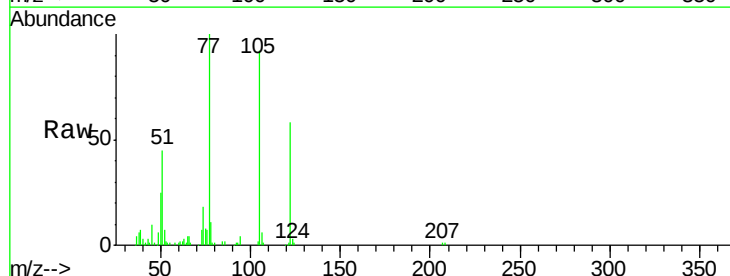
Instrument :
BNA_M
ClientSampleId :
PB101642BS

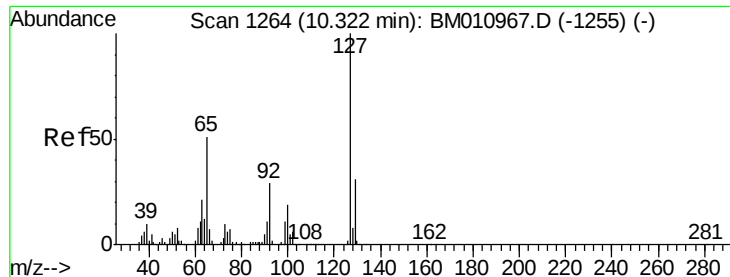
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.9	13.3
127	12.3	10.4	15.6



#32
Benzoic acid
Concen: 31.92 ng
RT: 9.39 min Scan# 1123
Delta R.T. -0.03 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	160.6	99.9	139.9#
77	173.8	73.7	113.7#

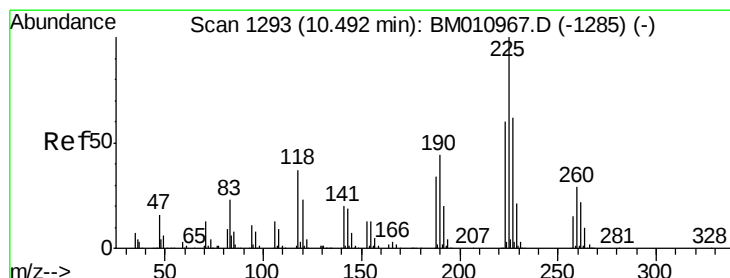
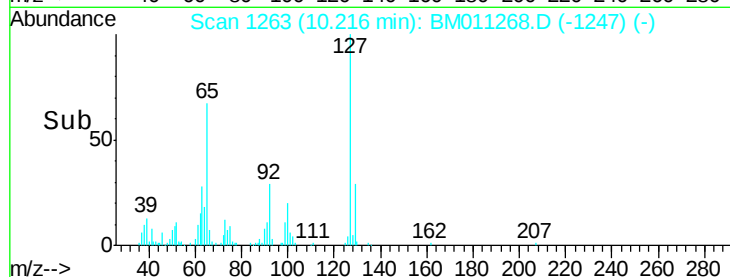
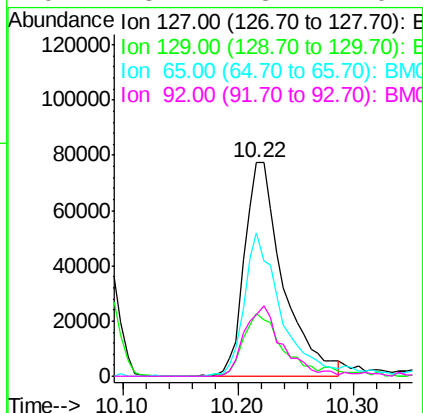
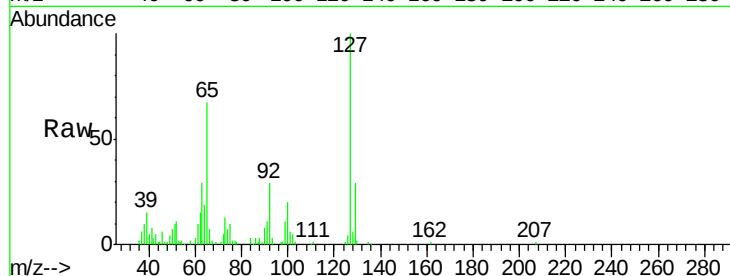




#33
4-Chloroaniline
Concen: 19.29 ng
RT: 10.22 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

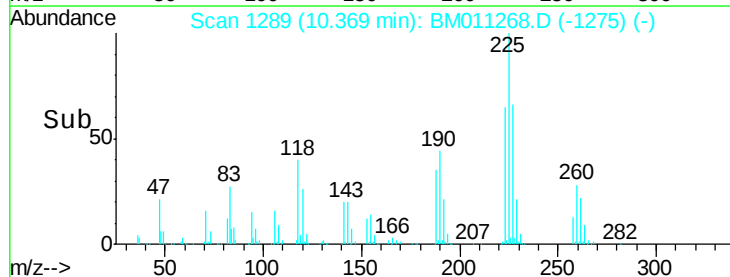
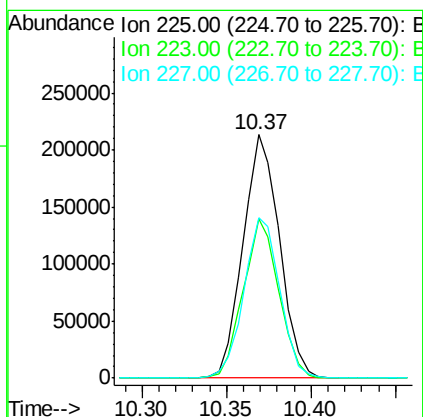
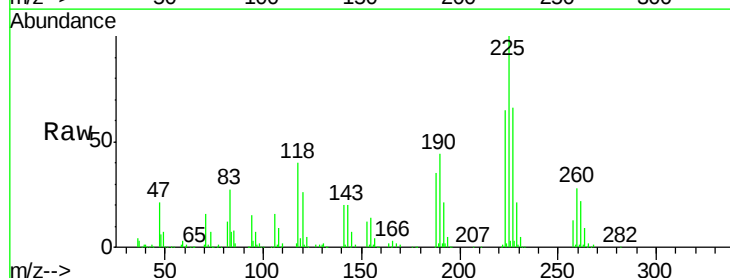
Instrument :
BNA_M
ClientSampleId :
PB101642BS

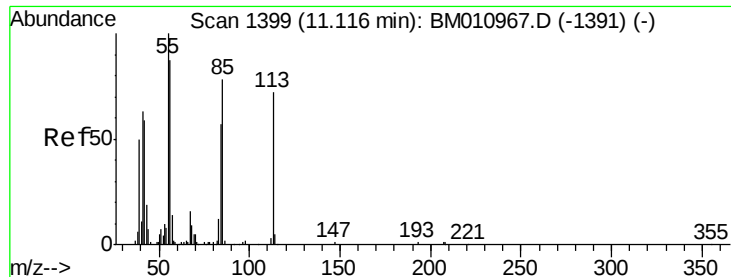
Tot Ion:	127	Resp:	180459
Ion	Ratio	Lower	Upper
127	100		
129	29.5	25.3	37.9
65	67.0	17.6	26.4
92	28.7	13.1	19.7



#34
Hexachlorobutadiene
Concen: 40.68 ng
RT: 10.37 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion:	225	Resp:	320959
Ion	Ratio	Lower	Upper
225	100		
223	65.1	47.9	71.9
227	65.8	50.1	75.1





#35

Caprolactam

Concen: 25.47 ng

RT: 11.00 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

ClientSampleId :

PB101642BS

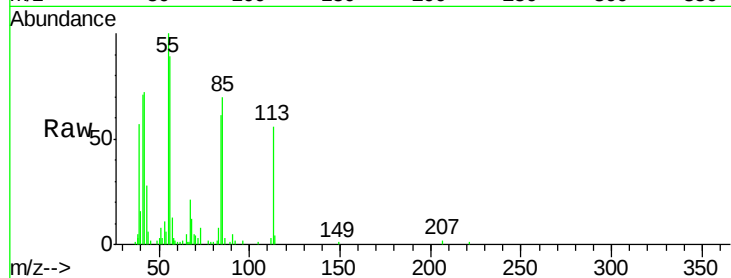
Tot Ion:113 Resp: 58528

Ion Ratio Lower Upper

113 100

55 180.0 145.9 185.9

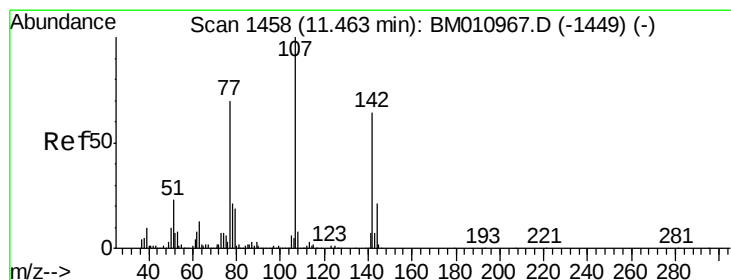
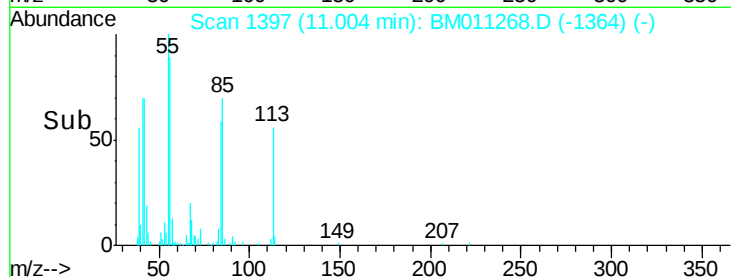
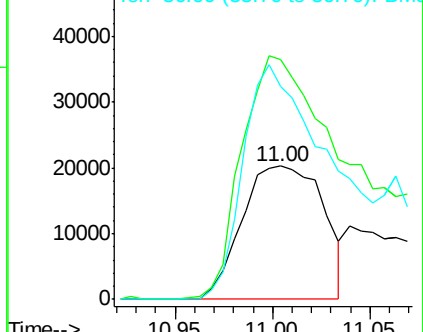
56 160.6 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 39.45 ng

RT: 11.35 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

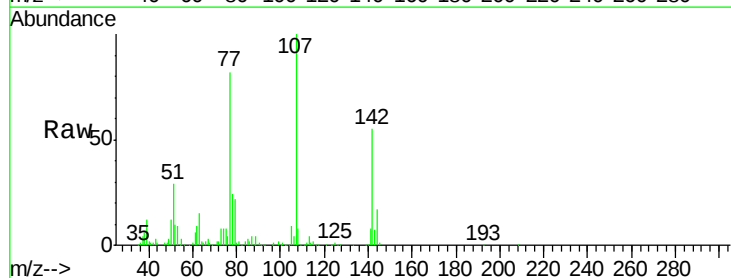
Tgt Ion:107 Resp: 412662

Ion Ratio Lower Upper

107 100

144 17.3 23.3 34.9#

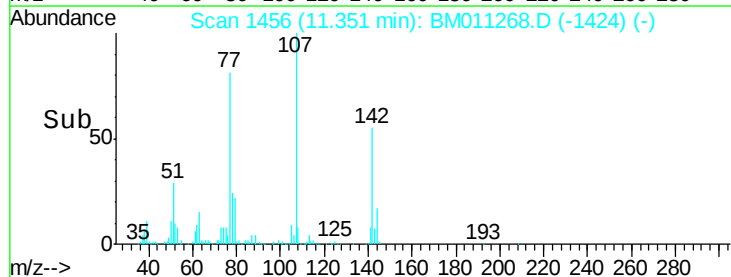
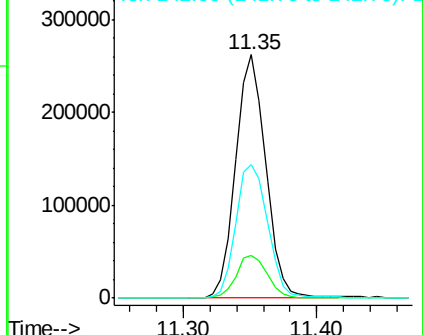
142 55.1 72.6 109.0#

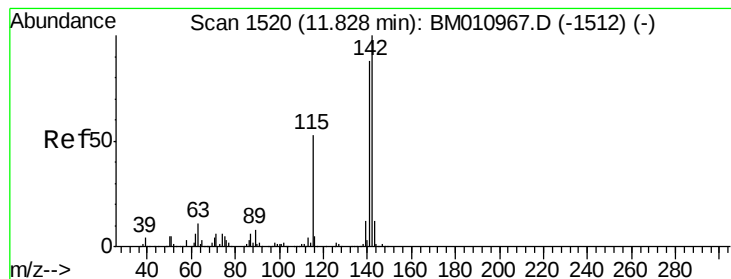


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

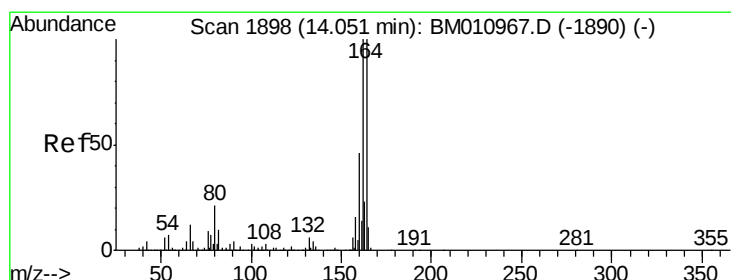
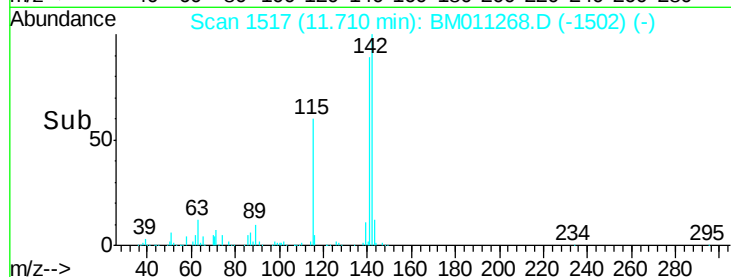
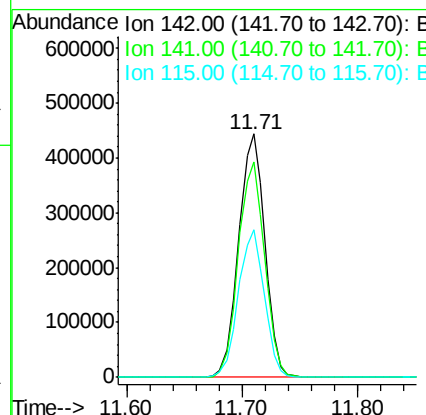
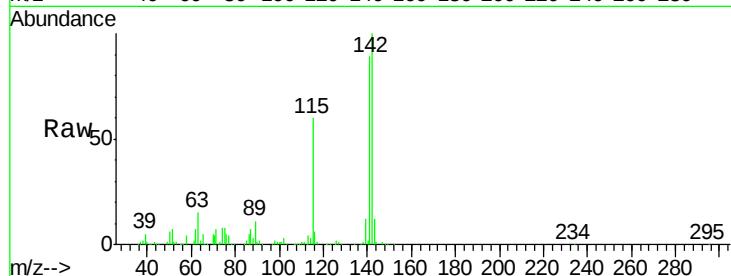




#37
2-Methylnaphthalene
Concen: 40.52 ng
RT: 11.71 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

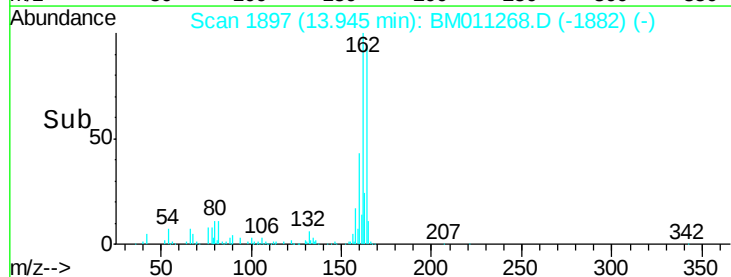
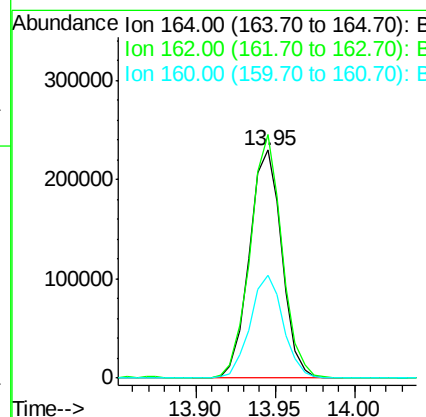
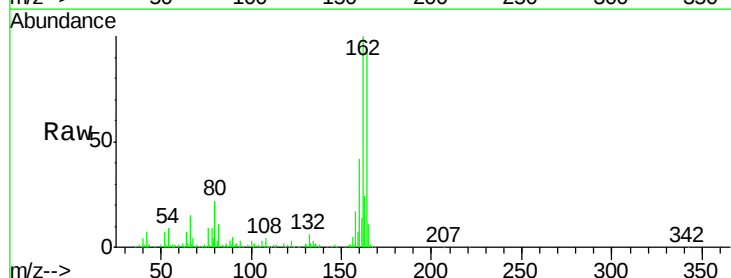
Instrument :
BNA_M
ClientSampleId :
PB101642BS

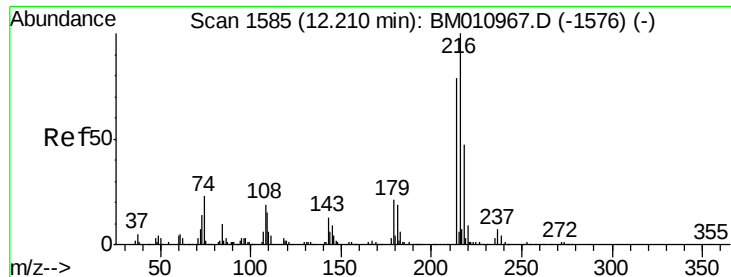
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.9	107.9
115	60.4	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 13.95 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	82.4	123.6
160	45.3	35.8	53.6

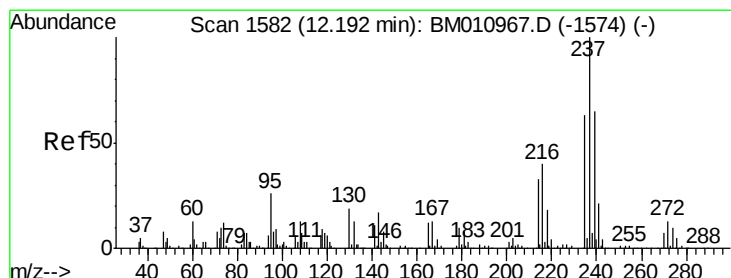
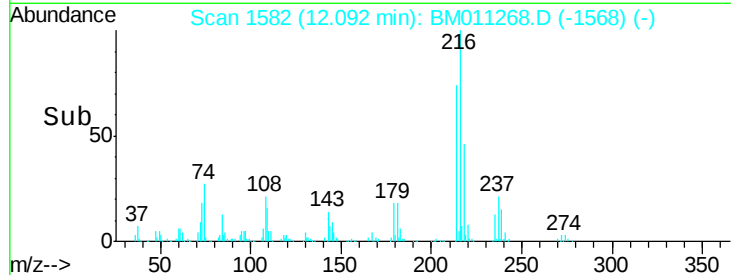
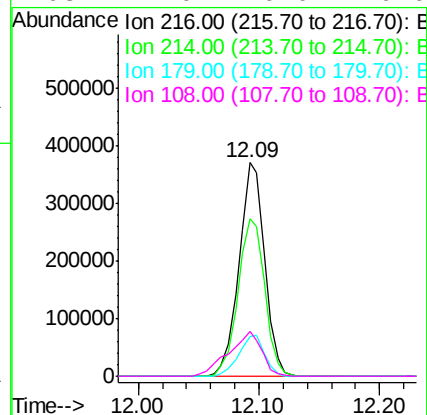
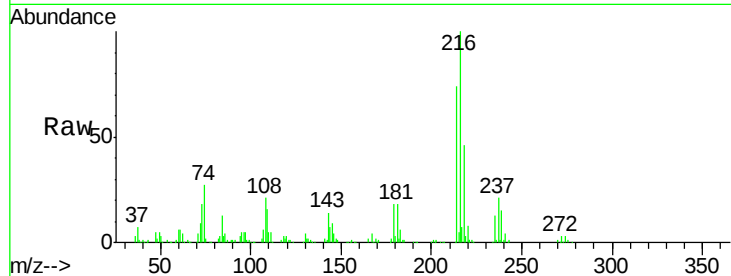




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.18 ng
 RT: 12.09 min Scan# 1582
 Delta R.T. -0.02 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

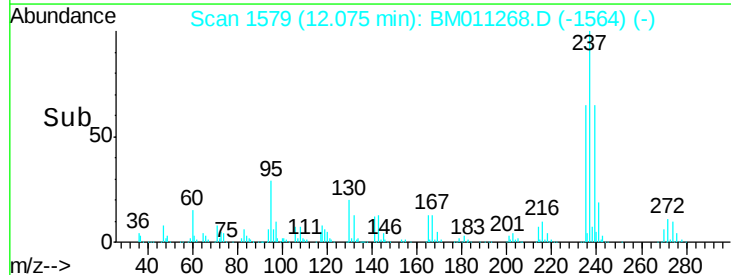
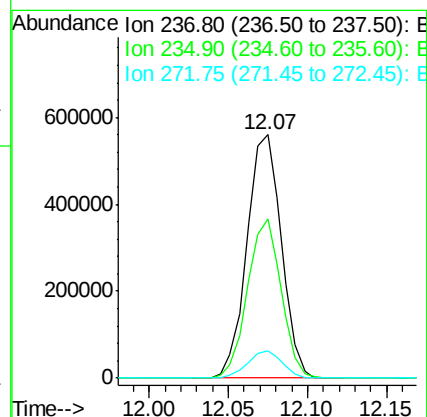
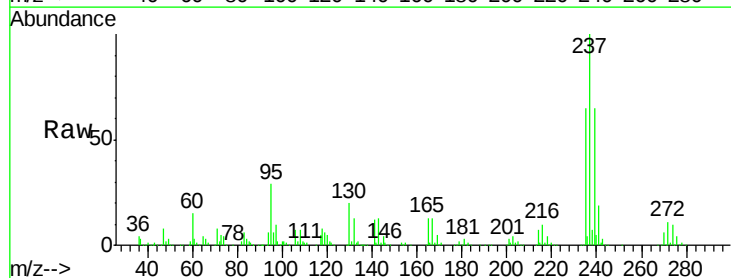
Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

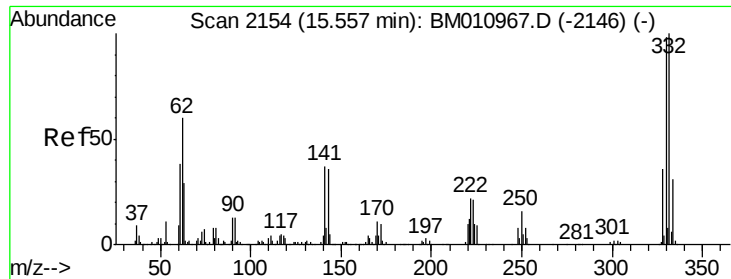
Tot Ion:	216	Resp:	548049
Ion	Ratio	Lower	Upper
216	100		
214	76.7	0.0	0.0#
179	19.3	0.0	0.0#
108	27.0	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 103.71 ng
 RT: 12.07 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion:	237	Resp:	845242
Ion	Ratio	Lower	Upper
237	100		
235	65.1	42.0	82.0
272	11.4	0.0	33.4

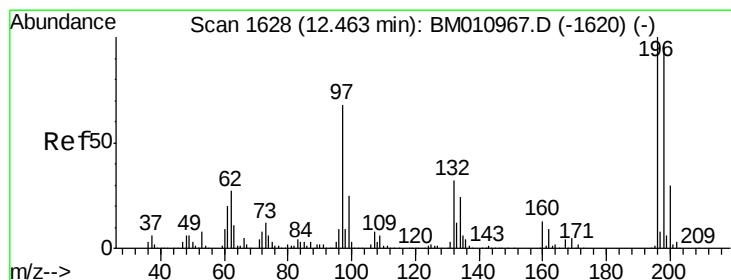
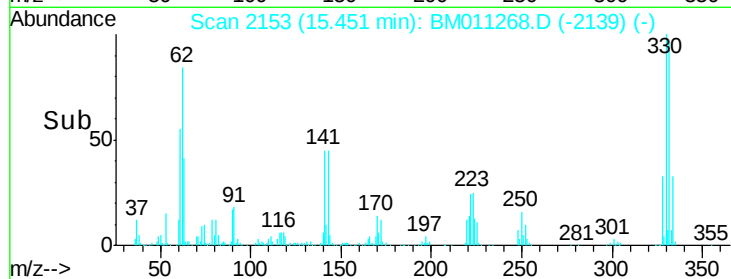
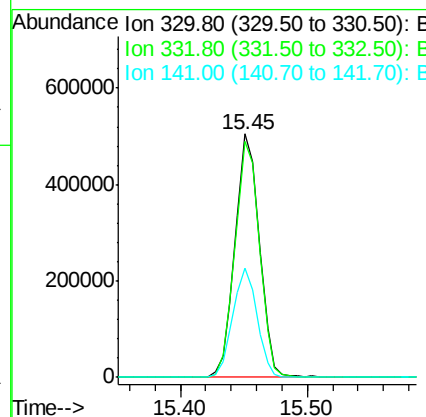
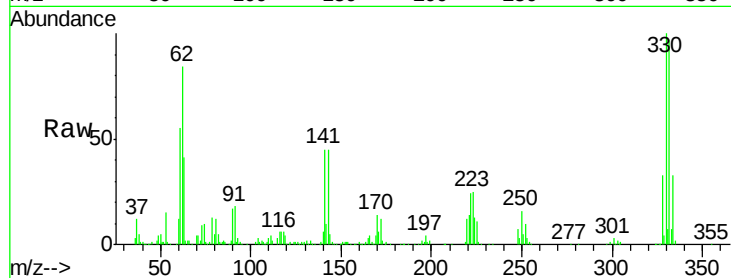




#41
 2,4,6-Tribromophenol
 Concen: 128.51 ng
 RT: 15.45 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

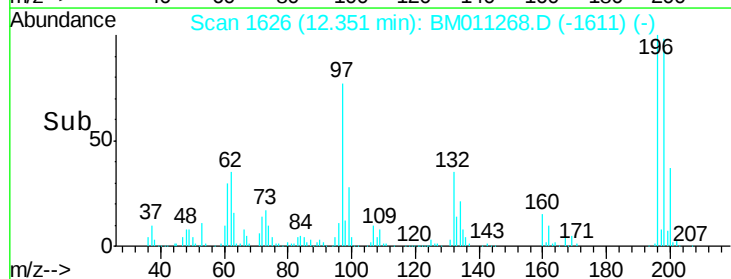
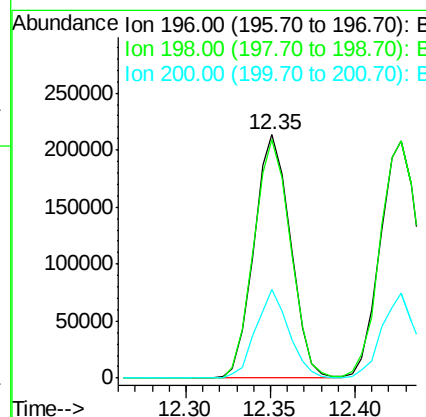
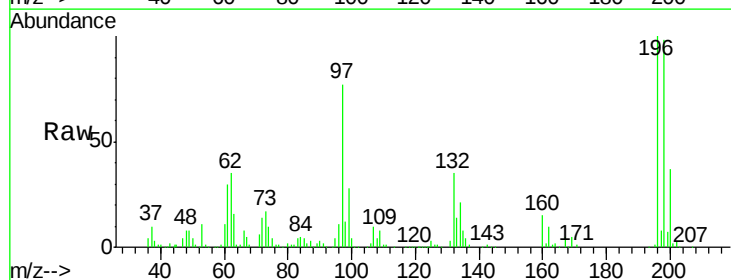
Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

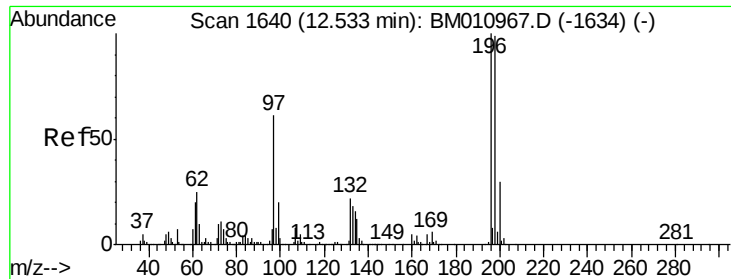
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	44.6	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 37.92 ng
 RT: 12.35 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.3	114.5
200	36.7	25.6	38.4

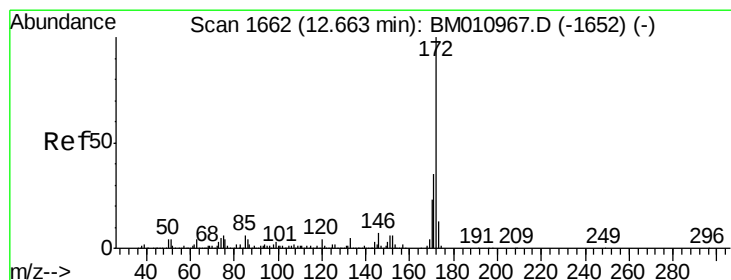
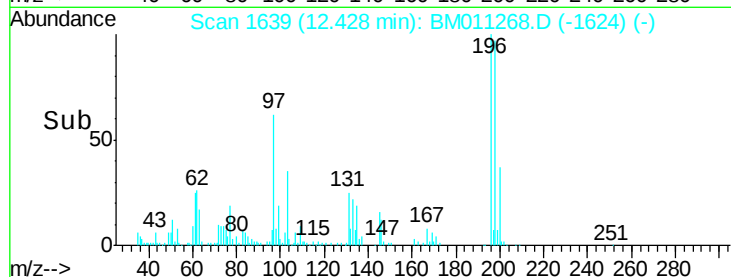
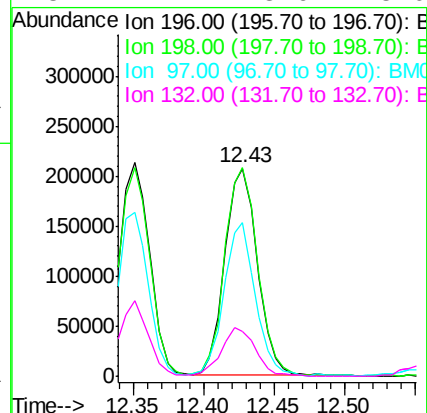
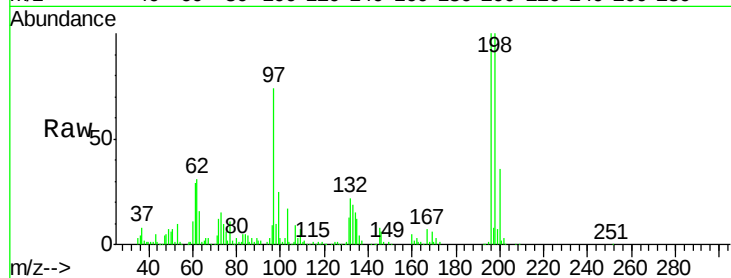




#43
 2,4,5-Trichlorophenol
 Concen: 38.41 ng
 RT: 12.43 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

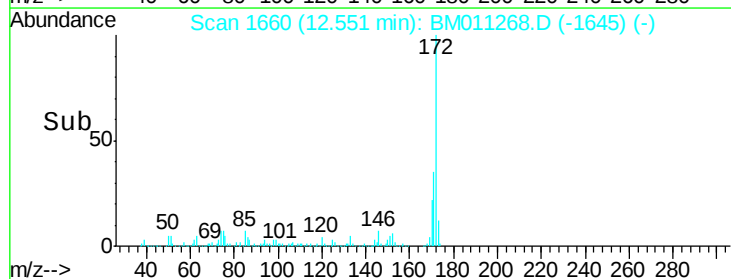
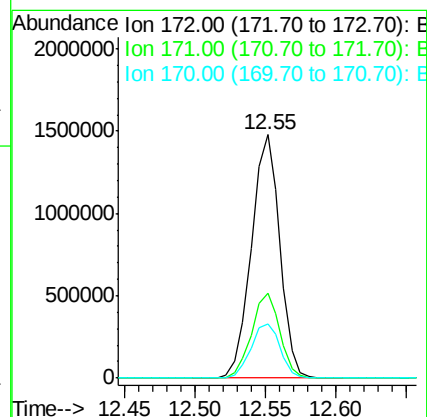
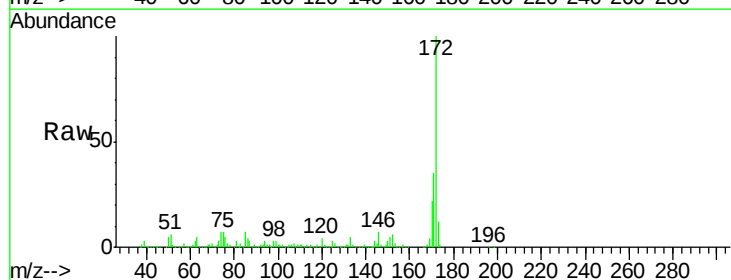
Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

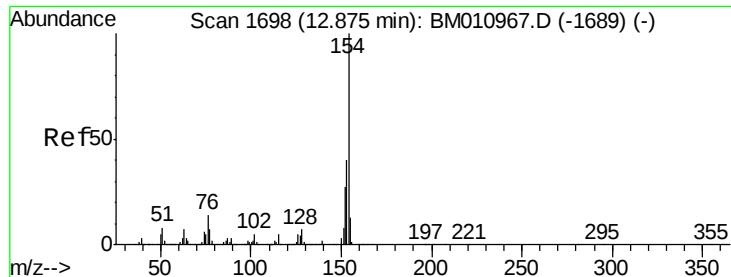
Tot Ion	196	Resp	334934
Ion Ratio	100	Lower	Upper
196	100		
198	100.2	79.4	119.0
97	73.8	26.8	40.2
132	21.7	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 80.49 ng
 RT: 12.55 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion	172	Resp	2089383
Ion Ratio	100	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	22.3	18.8	28.2





#45

1,1'-Biphenyl

Concen: 34.87 ng

RT: 12.76 min Scan# 1696

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

ClientSampleId :

PB101642BS

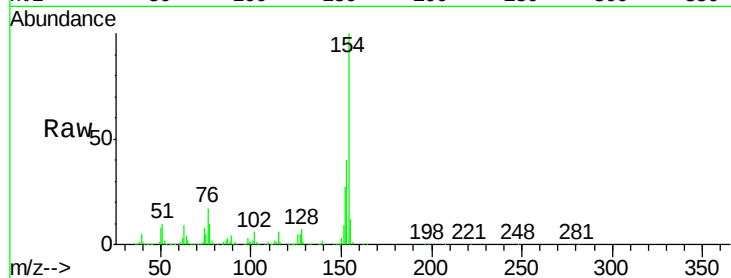
Tot Ion:154 Resp: 981575

Ion Ratio Lower Upper

154 100

153 40.2 20.7 60.7

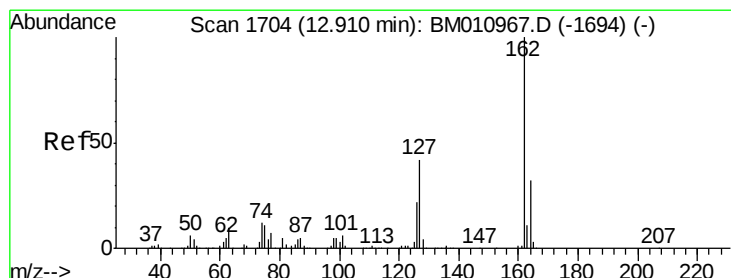
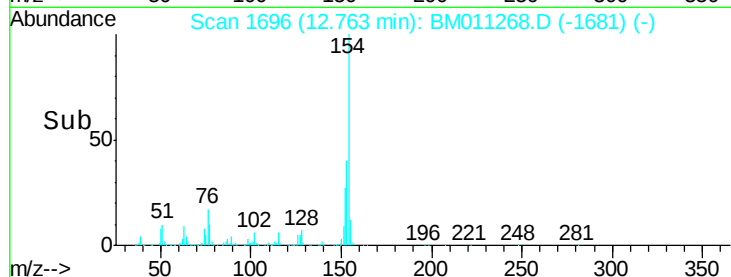
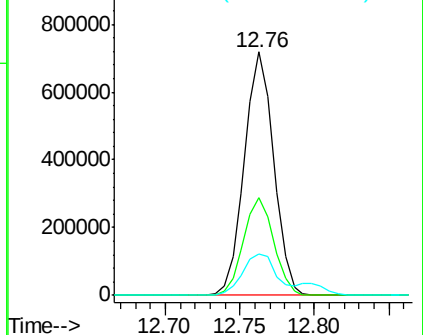
76 17.2 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 37.74 ng

RT: 12.80 min Scan# 1702

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

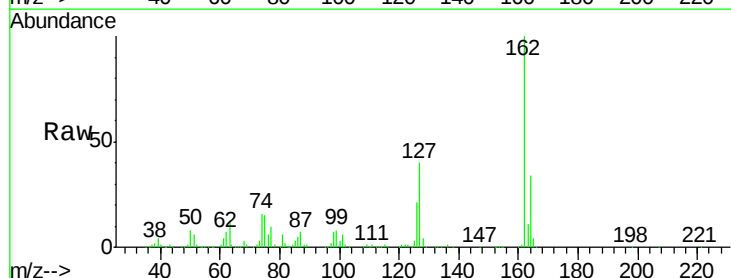
Tgt Ion:162 Resp: 782686

Ion Ratio Lower Upper

162 100

127 39.5 26.9 40.3

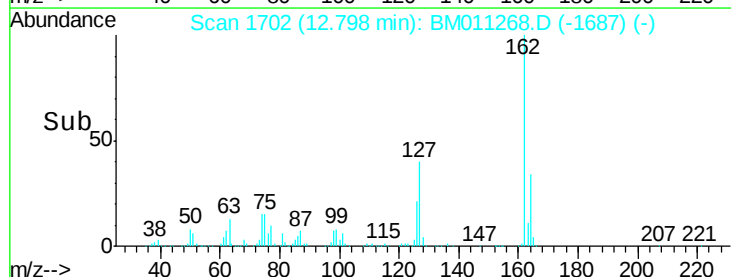
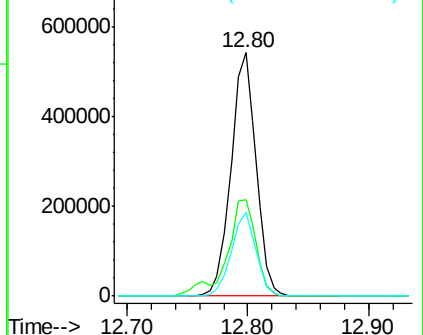
164 34.1 26.8 40.2

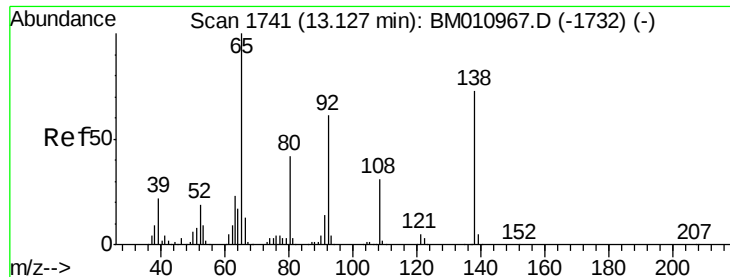


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.48 ng

RT: 13.02 min Scan# 1740

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

ClientSampleId :

PB101642BS

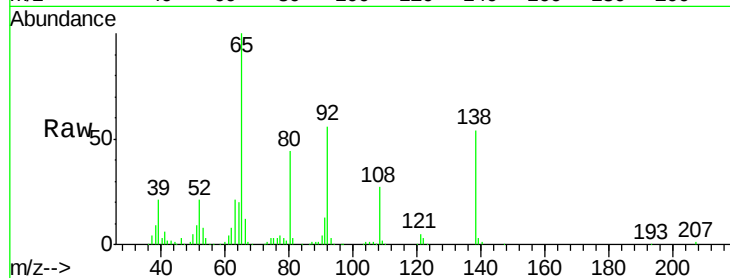
Tot Ion: 65 Resp: 377744

Ion Ratio Lower Upper

65 100

92 56.0 59.1 88.7#

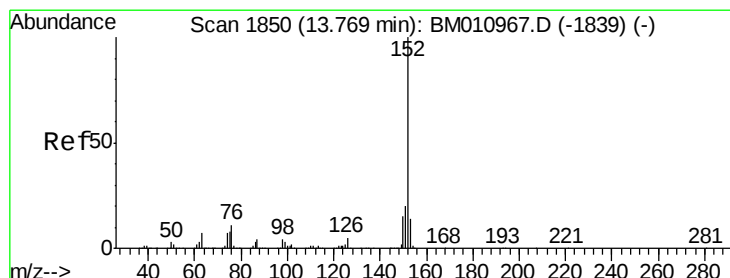
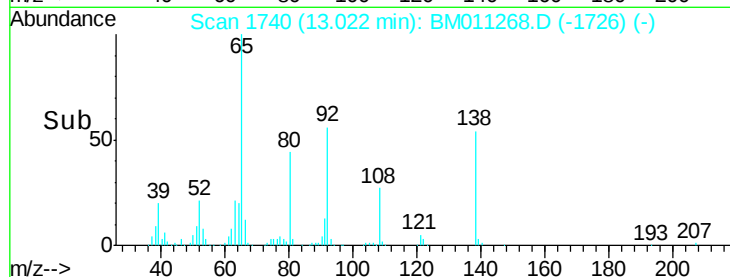
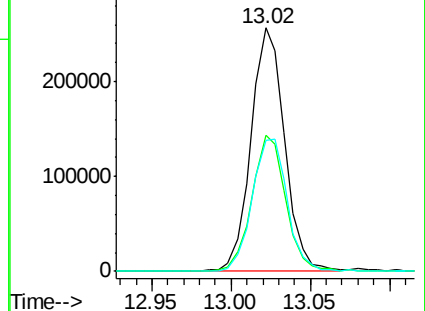
138 53.5 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM011268.D (-1726) (-)

Ion 92.00 (91.70 to 92.70): BM011268.D (-1726) (-)

Ion 138.00 (137.70 to 138.70): BM011268.D (-1726) (-)



#48

Acenaphthylene

Concen: 39.03 ng

RT: 13.66 min Scan# 1848

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

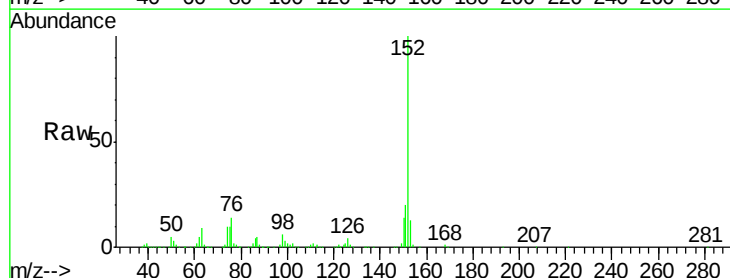
Tgt Ion: 152 Resp: 1208024

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

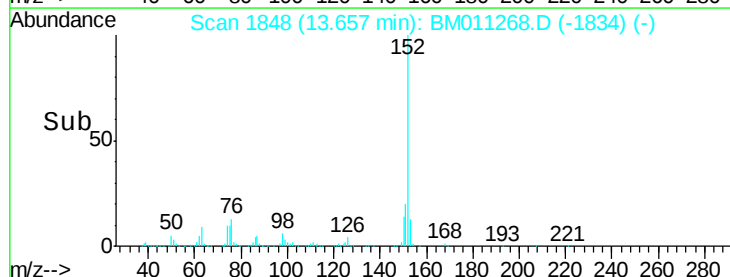
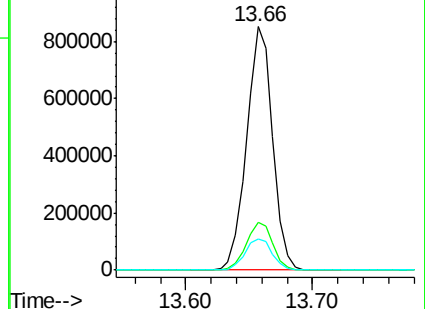
153 12.6 10.6 16.0

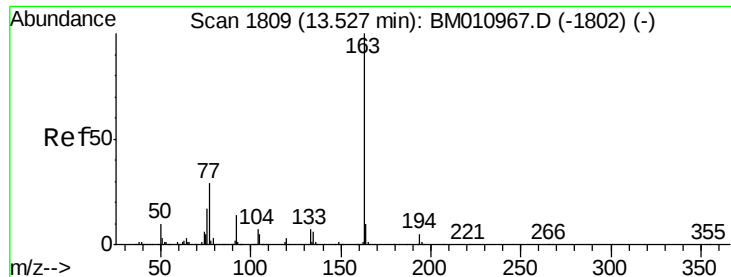


Abundance Ion 152.00 (151.70 to 152.70): BM011268.D (-1834) (-)

Ion 151.00 (150.70 to 151.70): BM011268.D (-1834) (-)

Ion 153.00 (152.70 to 153.70): BM011268.D (-1834) (-)

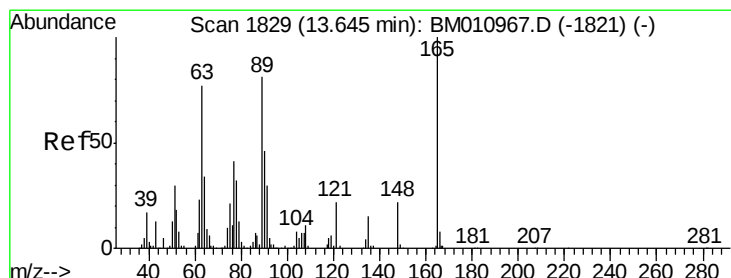
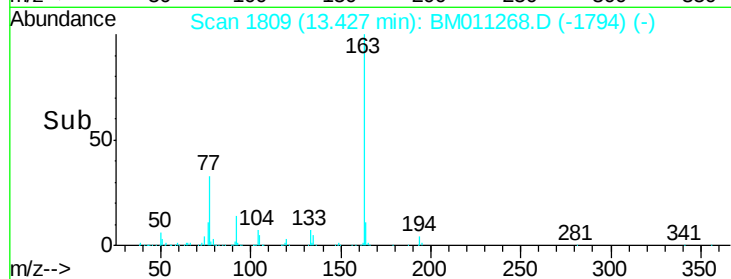
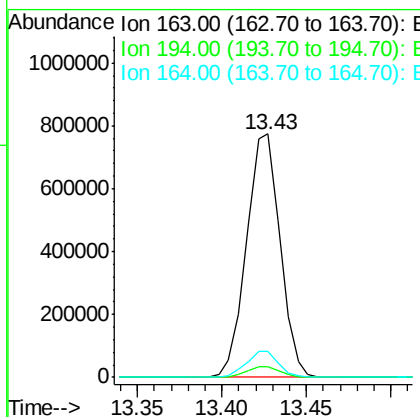
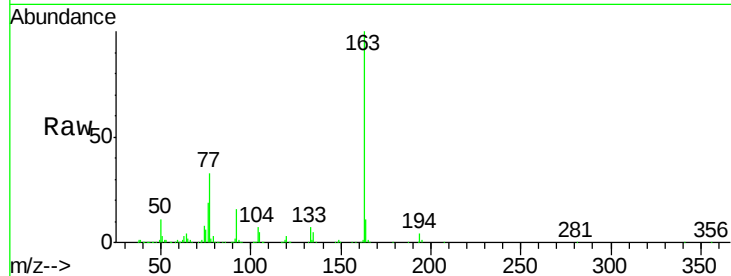




#49
Dimethylphthalate
Concen: 38.67 ng
RT: 13.43 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

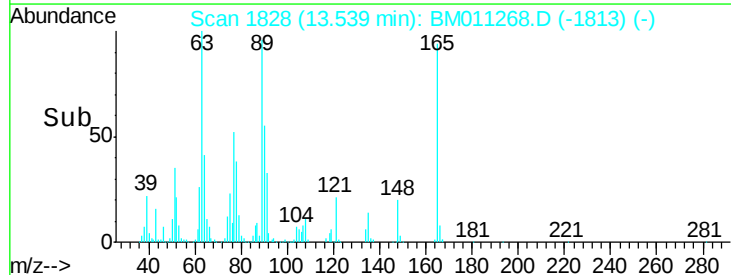
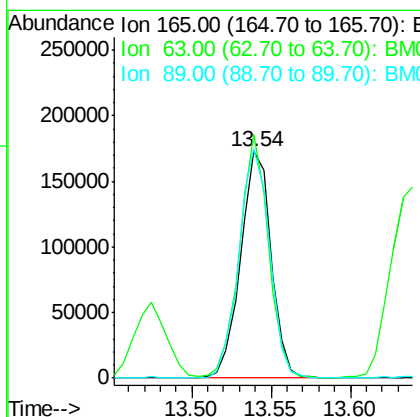
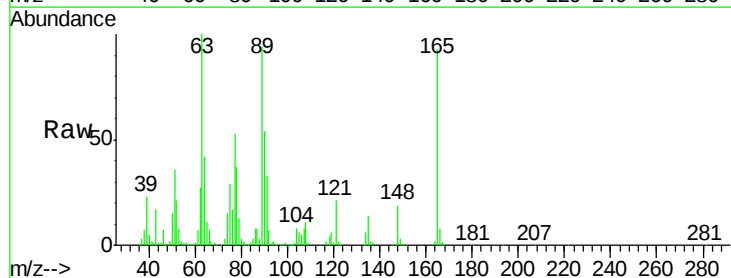
Instrument :
BNA_M
ClientSampleId :
PB101642BS

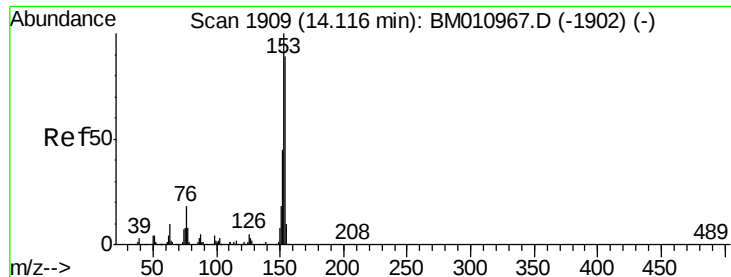
Tot Ion:163 Resp: 1077025
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 10.9 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 40.79 ng
RT: 13.54 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion:165 Resp: 229701
Ion Ratio Lower Upper
165 100
63 107.6 44.1 66.1#
89 101.6 44.3 66.5#





#51

Acenaphthene

Concen: 38.90 ng

RT: 14.01 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

ClientSampleId :

PB101642BS

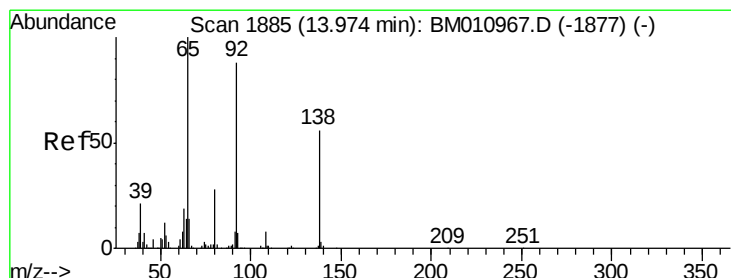
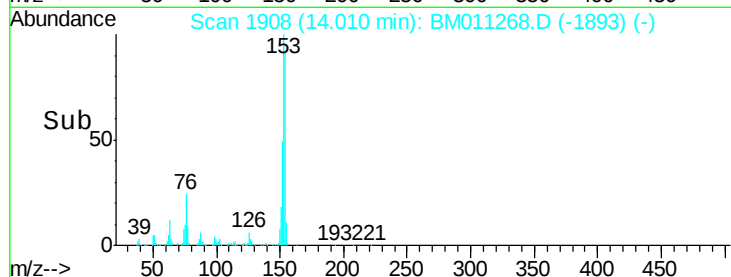
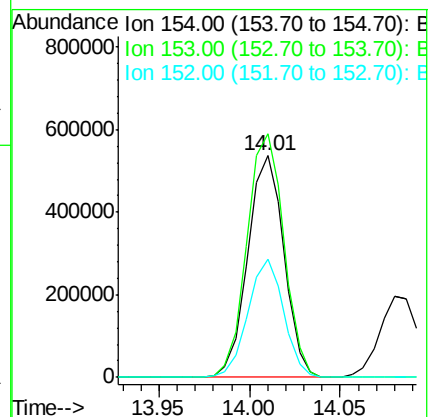
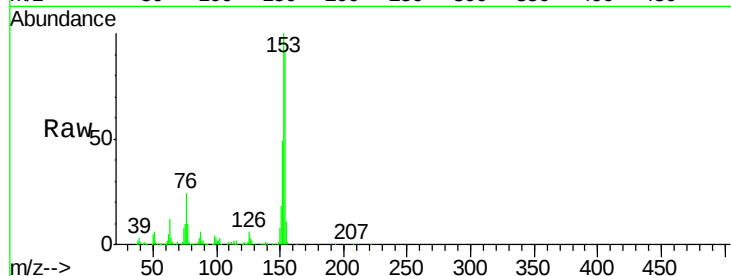
Tot Ion:154 Resp: 745604

Ion Ratio Lower Upper

154 100

153 110.1 90.0 135.0

152 53.5 42.6 63.8



#52

3-Nitroaniline

Concen: 36.31 ng

RT: 13.87 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

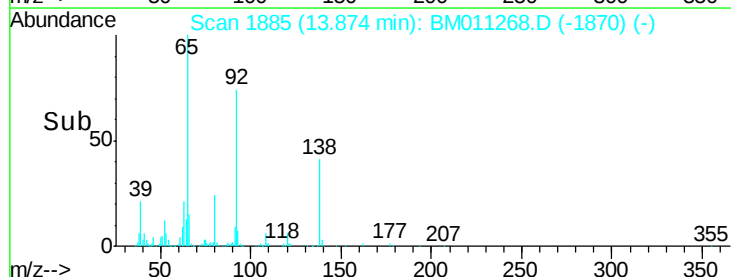
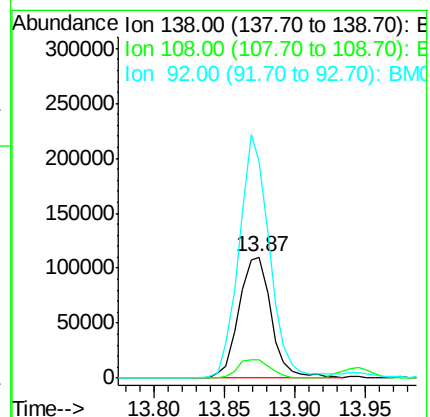
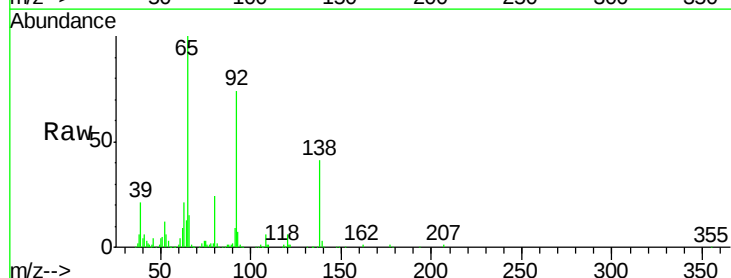
Tgt Ion:138 Resp: 177448

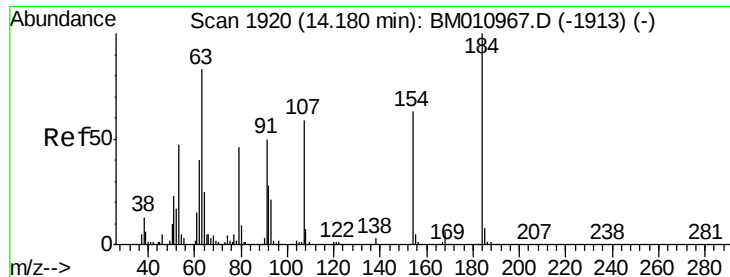
Ion Ratio Lower Upper

138 100

108 14.9 7.3 10.9#

92 179.1 76.6 114.8#

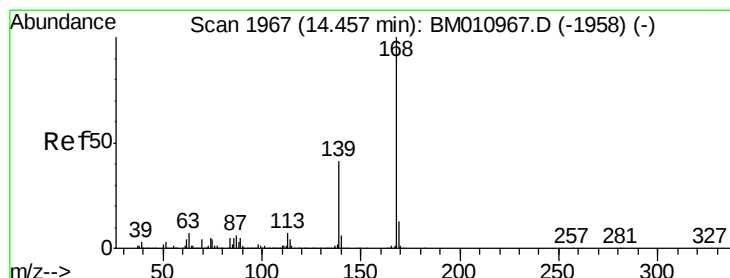
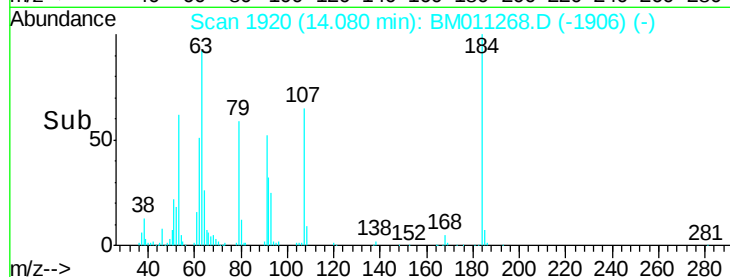
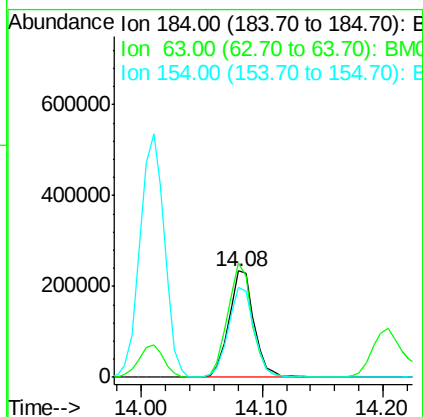
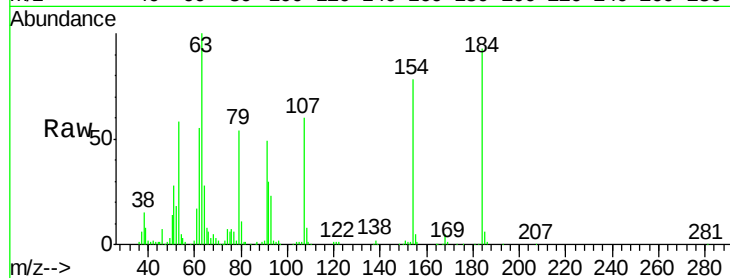




#53
2,4-Dinitrophenol
Concen: 85.22 ng
RT: 14.08 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

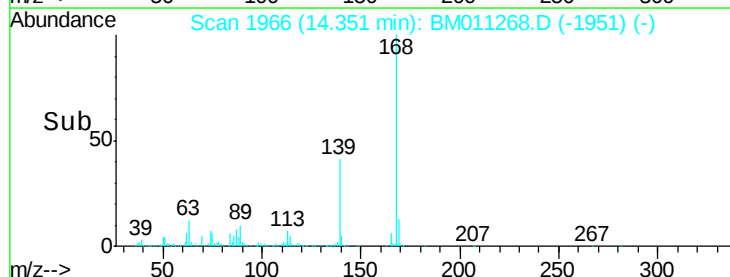
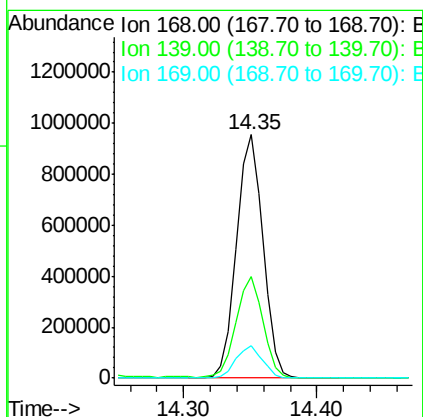
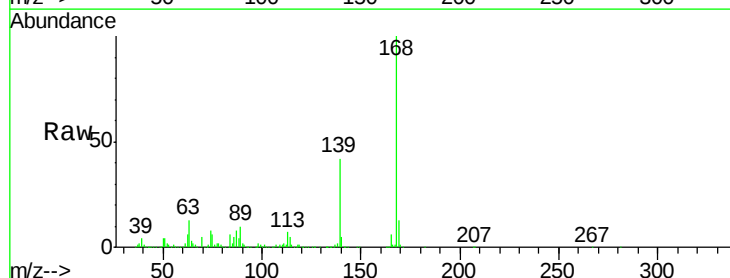
Instrument :
BNA_M
ClientSampleId :
PB101642BS

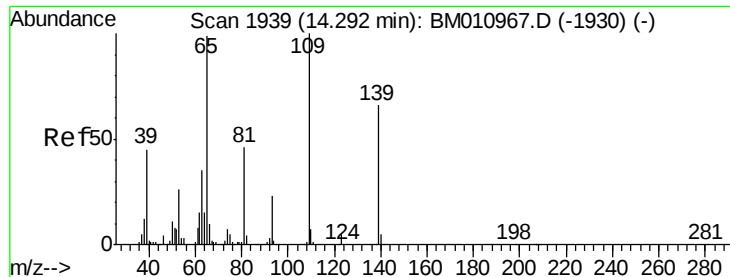
Tot Ion:184 Resp: 341088
Ion Ratio Lower Upper
184 100
63 107.9 69.2 103.8#
154 84.1 53.3 79.9#



#54
Dibenzofuran
Concen: 42.38 ng
RT: 14.35 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion:168 Resp: 1316085
Ion Ratio Lower Upper
168 100
139 41.9 27.3 40.9#
169 13.4 10.6 16.0





#55

4-Nitrophenol

Concen: 70.39 ng

RT: 14.20 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

ClientSampleId :

PB101642BS

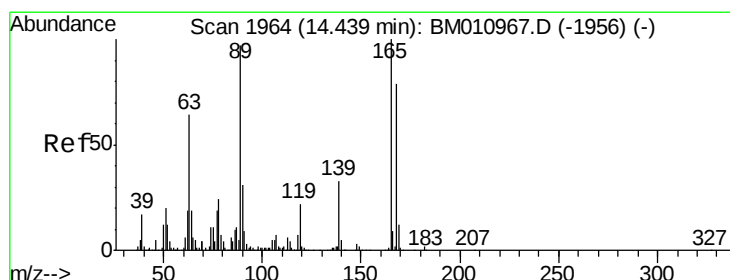
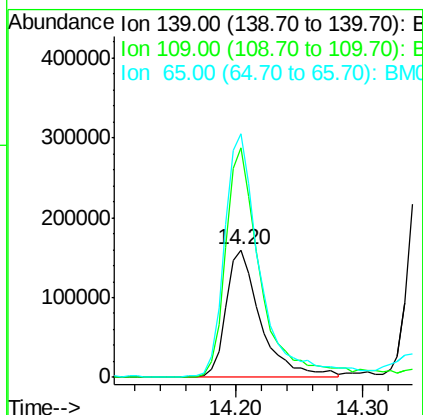
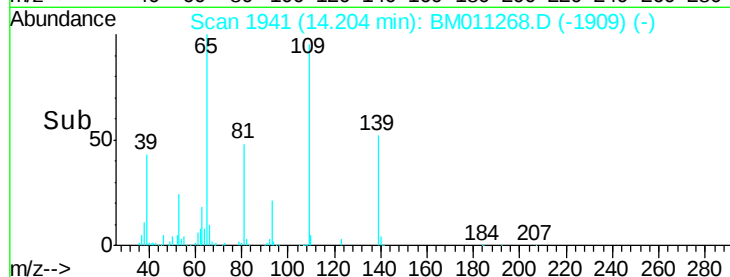
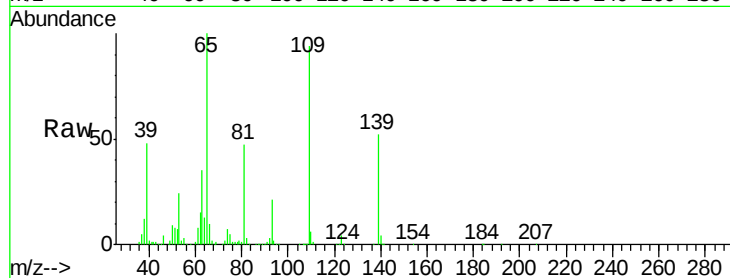
Tot Ion:139 Resp: 302232

Ion Ratio Lower Upper

139 100

109 180.5 130.0 170.0#

65 191.4 130.0 170.0#



#56

2,4-Dinitrotoluene

Concen: 41.60 ng

RT: 14.34 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion:165 Resp: 328879

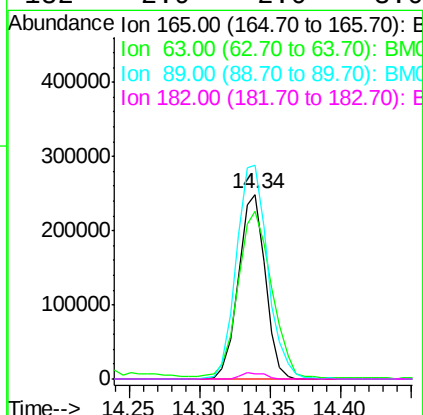
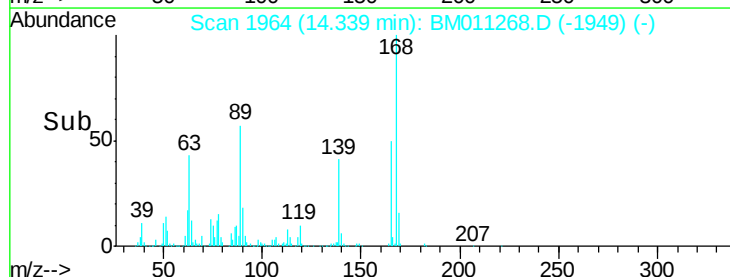
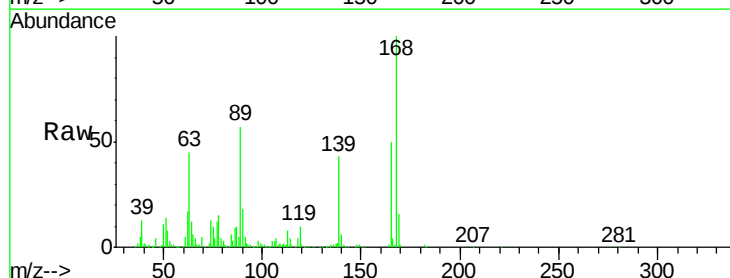
Ion Ratio Lower Upper

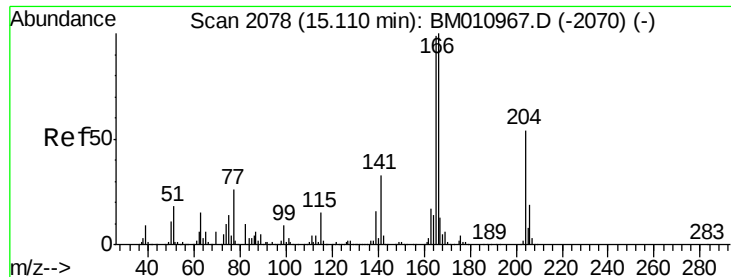
165 100

63 90.9 52.4 78.6#

89 115.8 72.4 108.6#

182 2.9 2.0 3.0

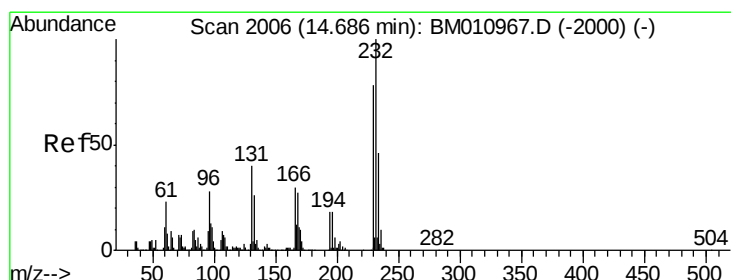
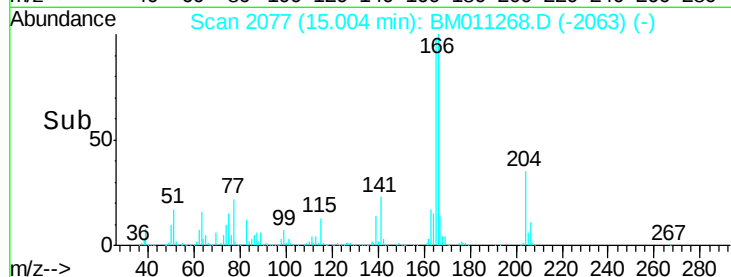
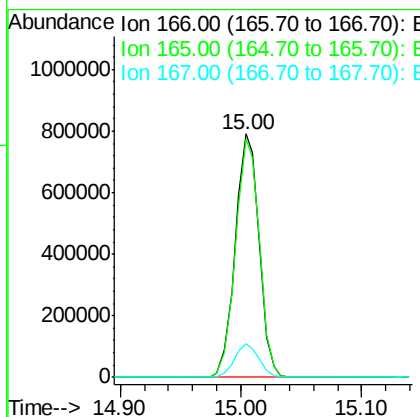
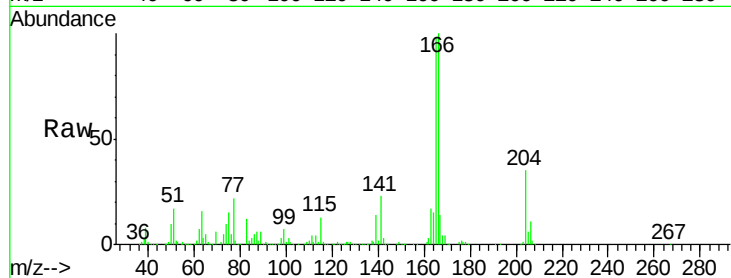




#57
 Fluorene
 Concen: 40.10 ng
 RT: 15.00 min Scan# 2077
 Delta R.T. -0.02 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

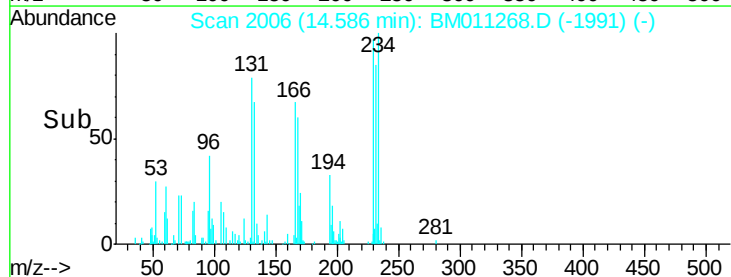
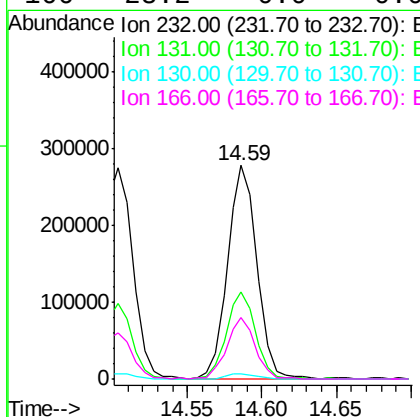
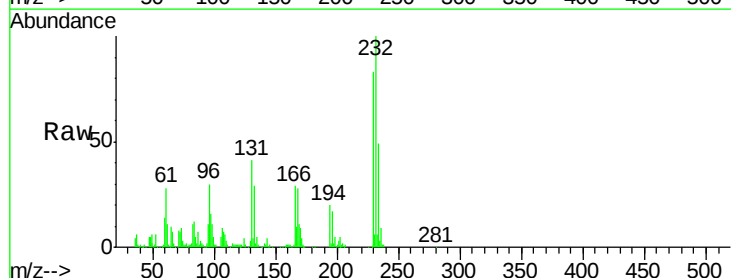
Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

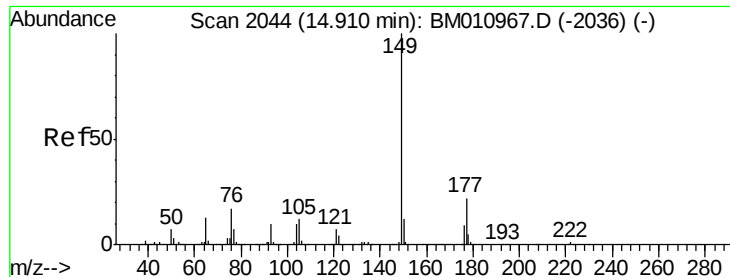
Tot Ion:166 Resp: 1084129
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.0 118.4
 167 13.8 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.49 ng
 RT: 14.59 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion:232 Resp: 379928
 Ion Ratio Lower Upper
 232 100
 131 40.3 0.0 0.0#
 130 2.7 0.0 0.0#
 166 28.2 0.0 0.0#

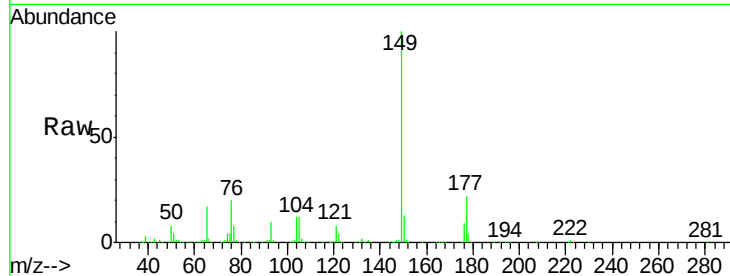




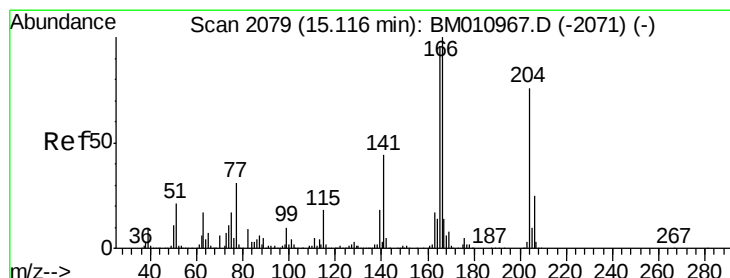
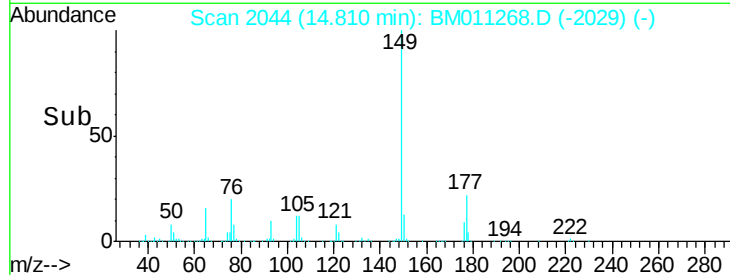
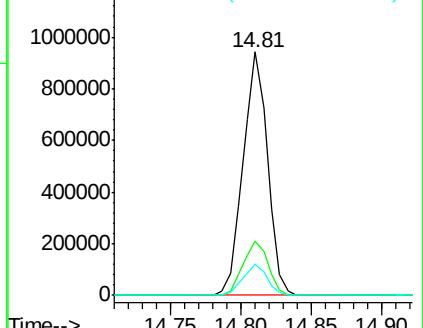
#59
Diethylphthalate
Concen: 40.04 ng
RT: 14.81 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Instrument :
BNA_M
ClientSampleId :
PB101642BS

Tot Ion:149 Resp: 1138927
Ion Ratio Lower Upper
149 100
177 22.2 18.3 27.5
150 13.0 9.8 14.8

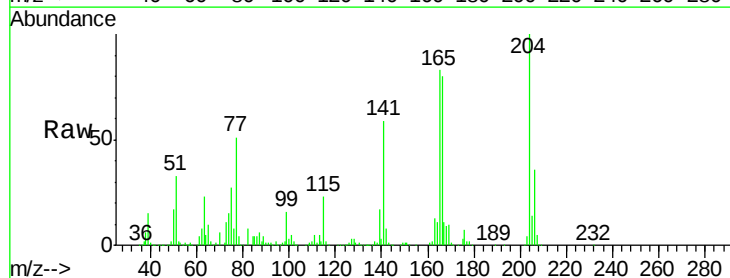


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

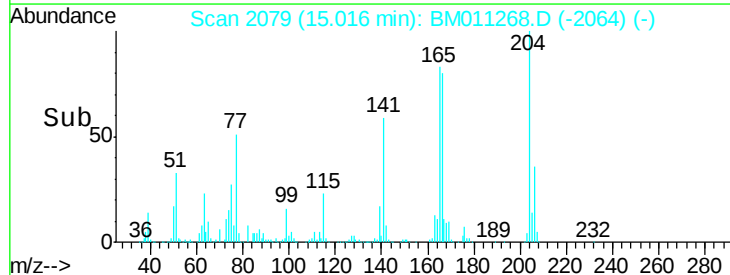
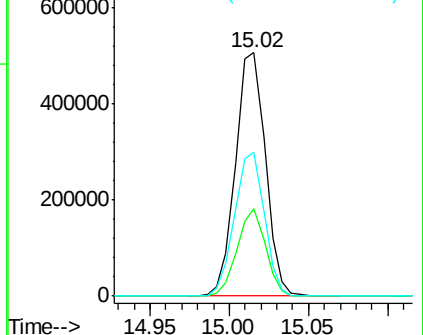


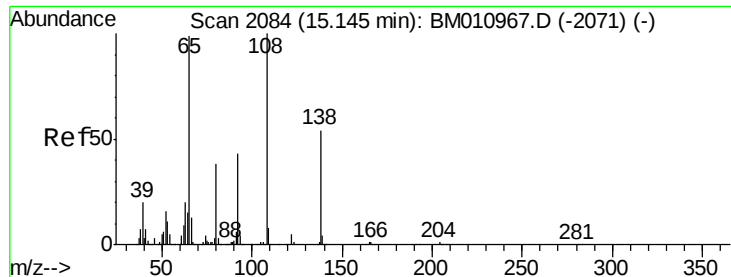
#60
4-Chlorophenyl-phenylether
Concen: 40.62 ng
RT: 15.02 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion:204 Resp: 663043
Ion Ratio Lower Upper
204 100
206 35.7 26.6 39.8
141 59.0 45.2 67.8



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

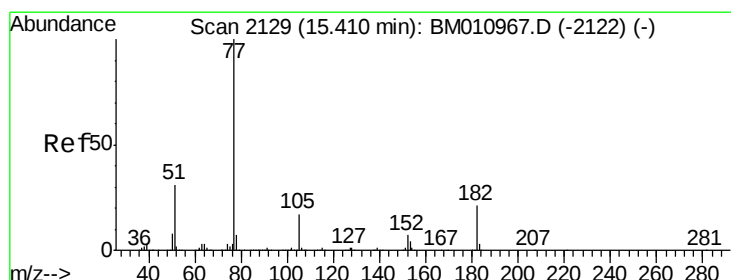
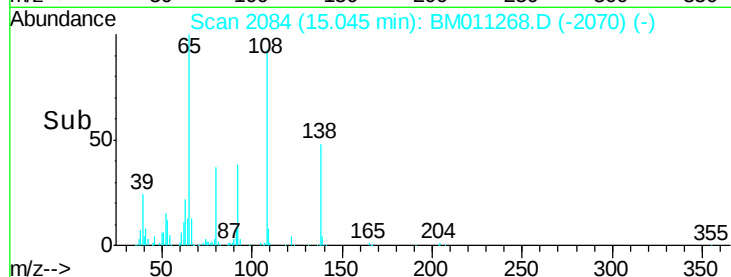
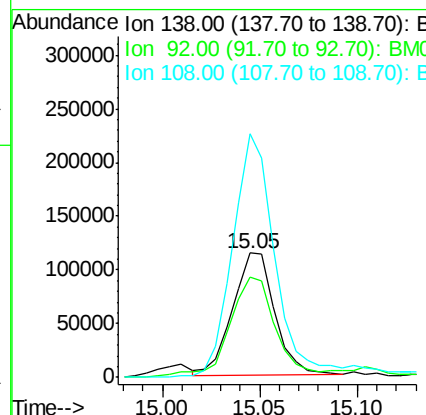
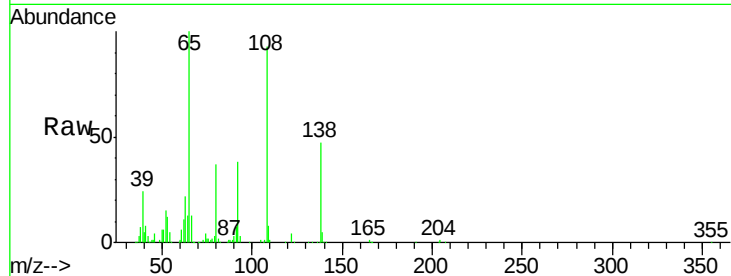




#61
4-Nitroaniline
Concen: 32.93 ng
RT: 15.05 min Scan# 2084
Delta R.T. -0.02 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

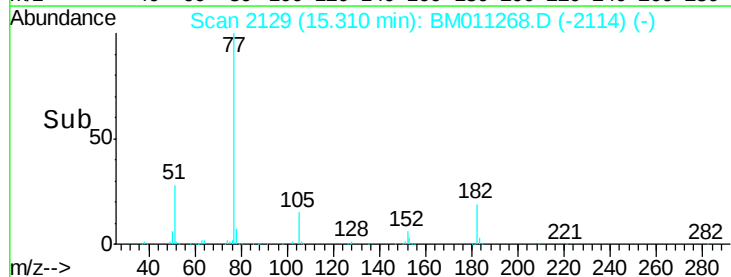
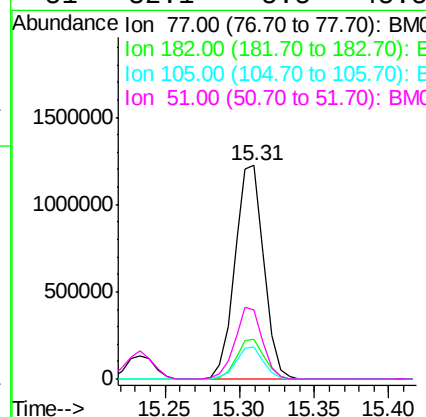
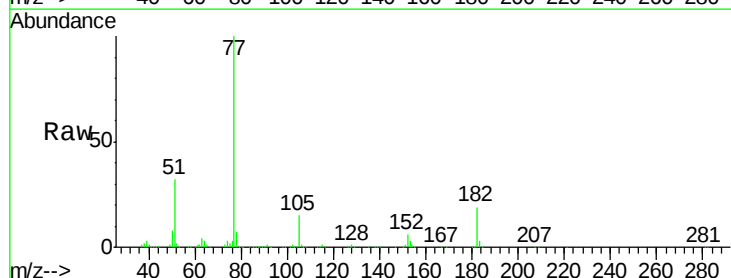
Instrument :
BNA_M
ClientSampleId :
PB101642BS

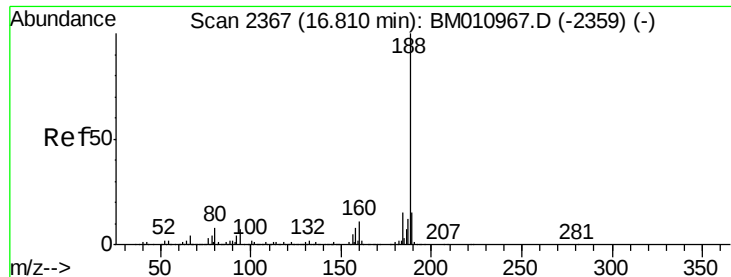
Tot Ion:138 Resp: 170962
Ion Ratio Lower Upper
138 100
92 80.4 16.7 56.7#
108 195.7 37.6 77.6#



#62
Azobenzene
Concen: 54.16 ng
RT: 15.31 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion: 77 Resp: 1648569
Ion Ratio Lower Upper
77 100
182 18.6 6.5 46.5
105 14.7 3.8 43.8
51 32.1 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.70 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

ClientSampleId :

PB101642BS

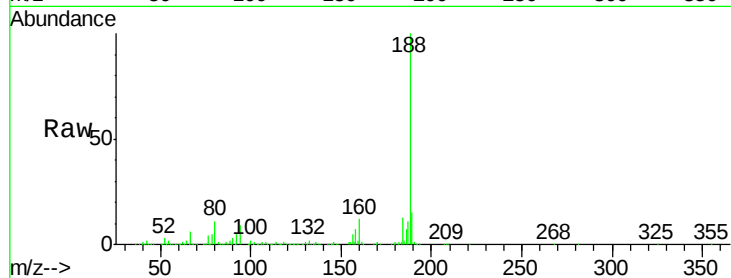
Tot Ion:188 Resp: 910005

Ion Ratio Lower Upper

188 100

94 8.5 8.7 13.1#

80 10.8 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

16.70

800000

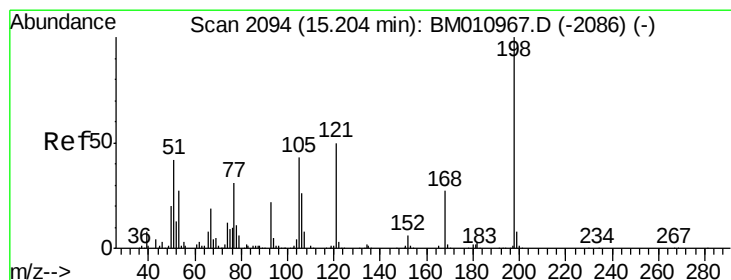
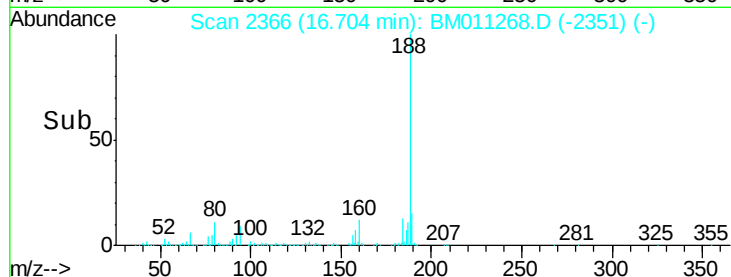
600000

400000

200000

0

Time--> 16.60 16.70 16.80



#64

4,6-Dinitro-2-methylphenol

Concen: 40.04 ng

RT: 15.10 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

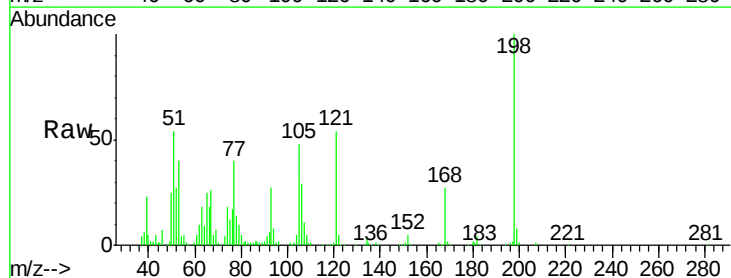
Tgt Ion:198 Resp: 246685

Ion Ratio Lower Upper

198 100

51 54.0 28.8 68.8

105 47.5 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

15.10

250000

200000

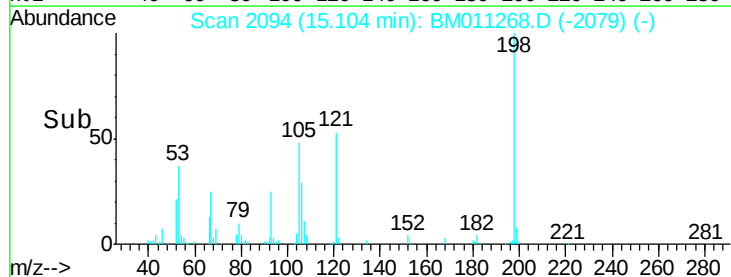
150000

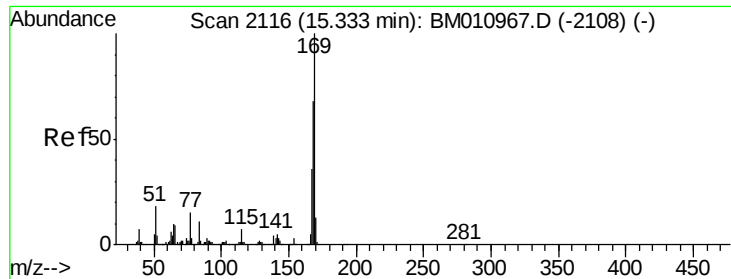
100000

50000

0

Time--> 15.10 15.20

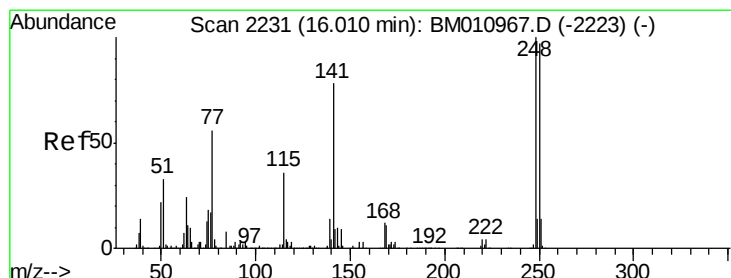
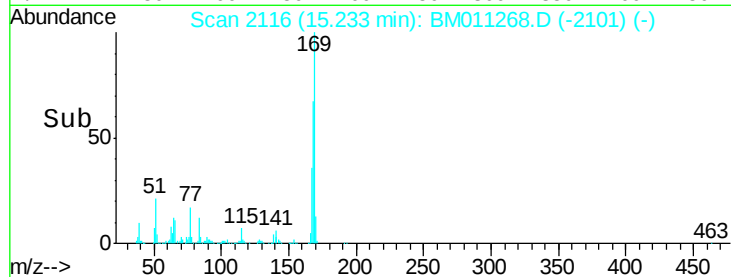
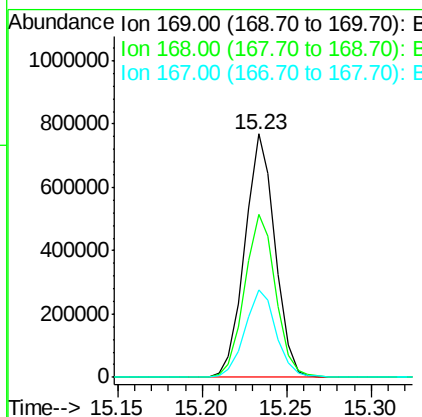
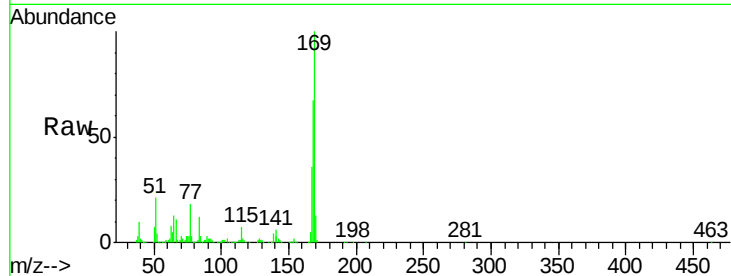




#65
n-Nitrosodiphenylamine
Concen: 36.86 ng
RT: 15.23 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

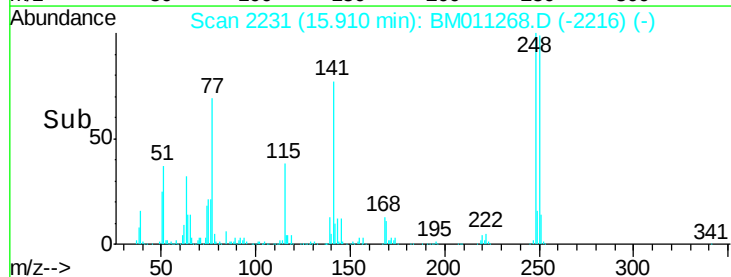
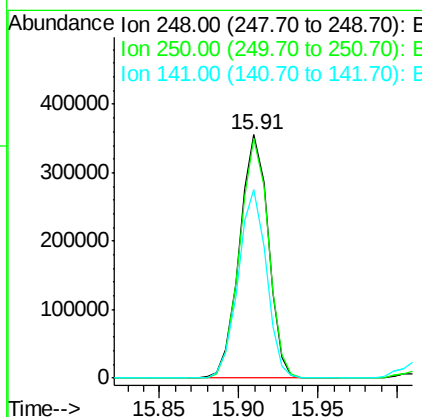
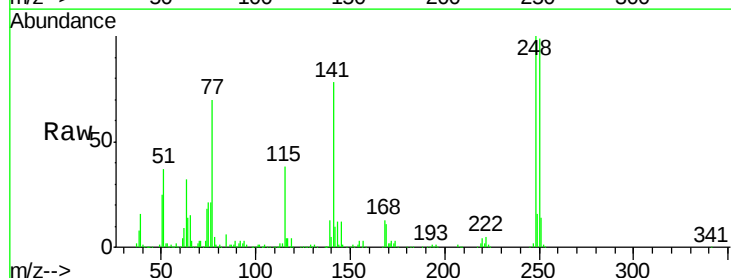
Instrument :
BNA_M
ClientSampleId :
PB101642BS

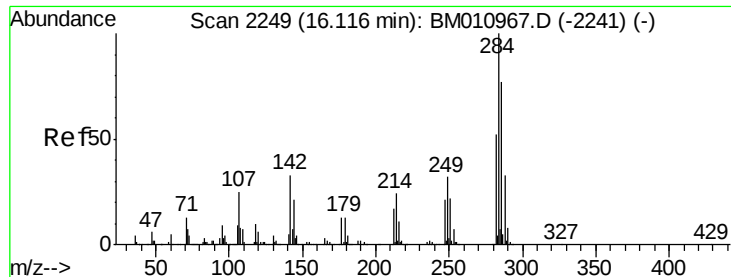
Tot Ion:169 Resp: 959821
Ion Ratio Lower Upper
169 100
168 67.1 53.9 80.9
167 35.8 28.9 43.3



#66
4-Bromophenyl-phenylether
Concen: 38.30 ng
RT: 15.91 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion:248 Resp: 448029
Ion Ratio Lower Upper
248 100
250 98.5 77.4 116.0
141 77.5 45.2 67.8#





#67

Hexachlorobenzene

Concen: 34.64 ng

RT: 16.01 min Scan# 2248

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

ClientSampleId :

PB101642BS

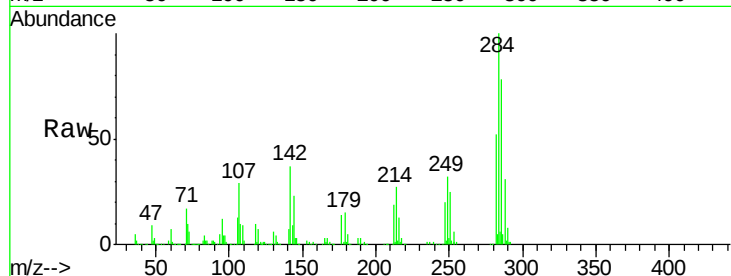
Tot Ion:284 Resp: 457932

Ion Ratio Lower Upper

284 100

142 36.7 20.4 30.6#

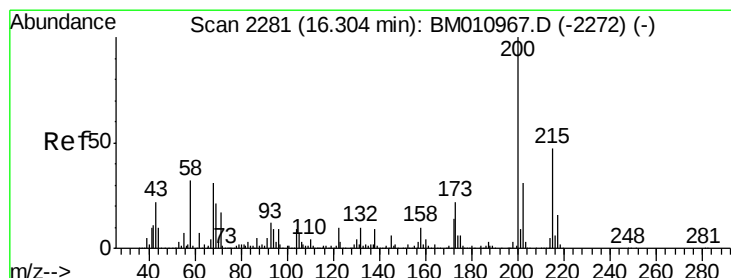
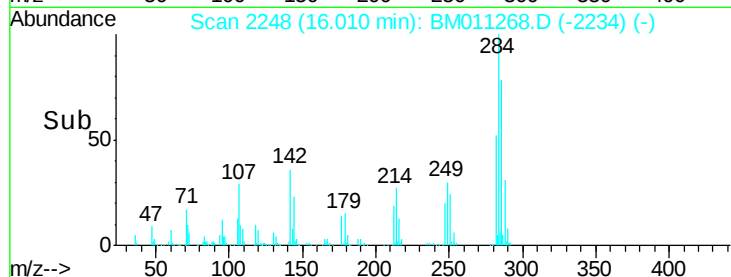
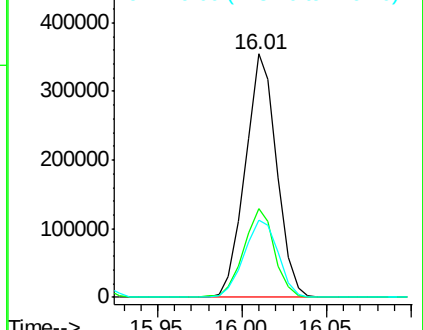
249 31.8 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.14 ng

RT: 16.21 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

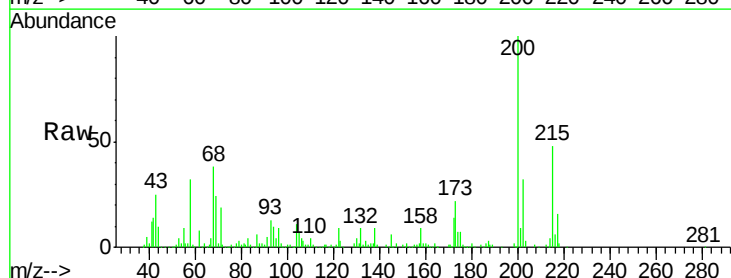
Tgt Ion:200 Resp: 439753

Ion Ratio Lower Upper

200 100

173 22.5 4.8 44.8

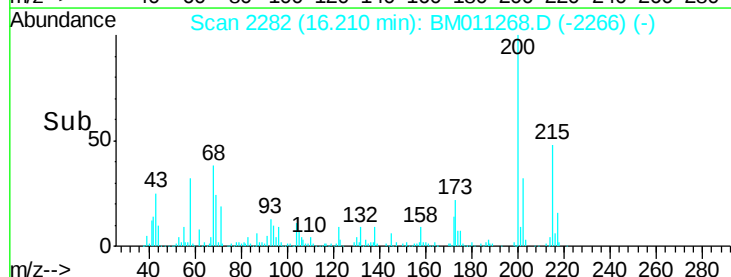
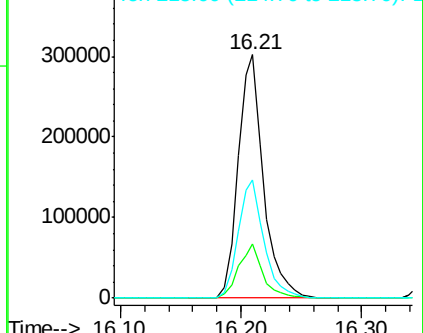
215 48.3 26.9 66.9

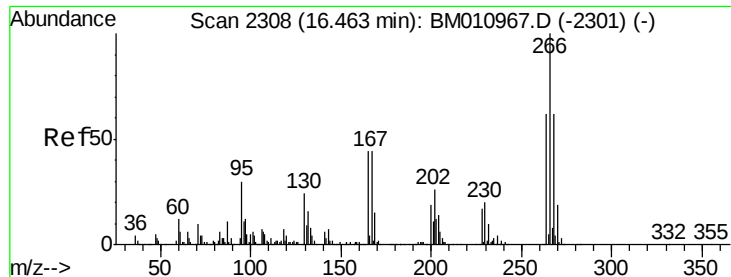


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

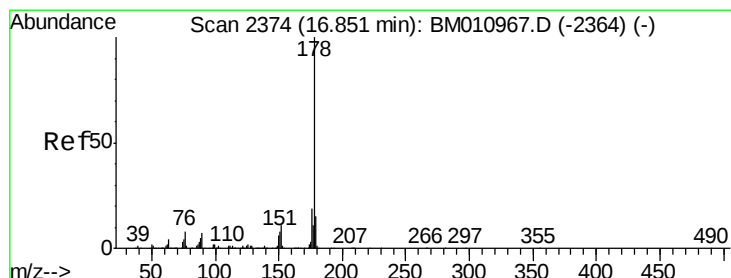
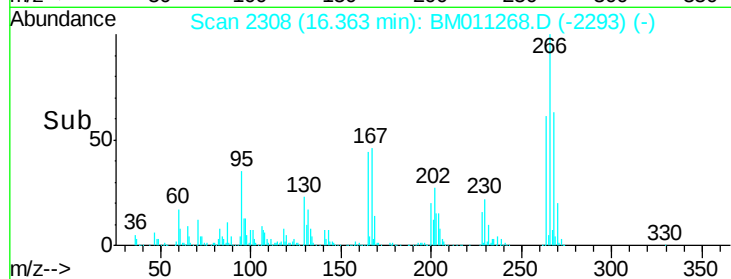
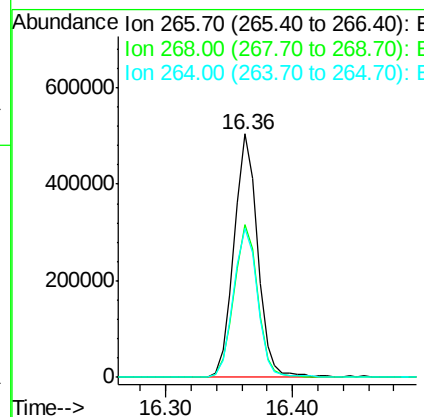
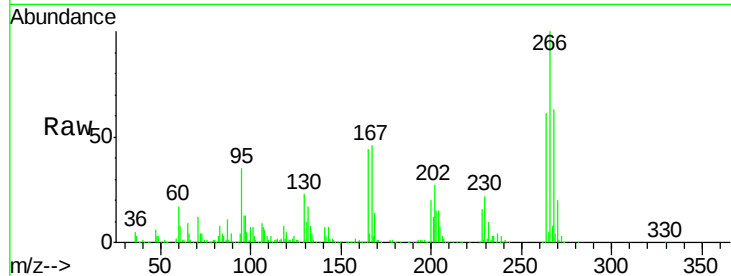




#69
 Pentachlorophenol
 Concen: 77.24 ng
 RT: 16.36 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

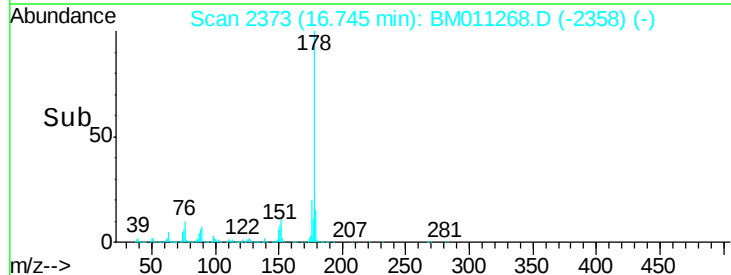
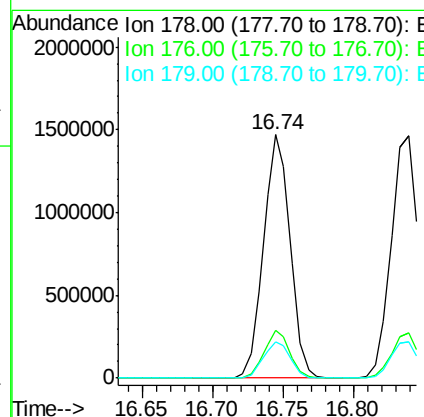
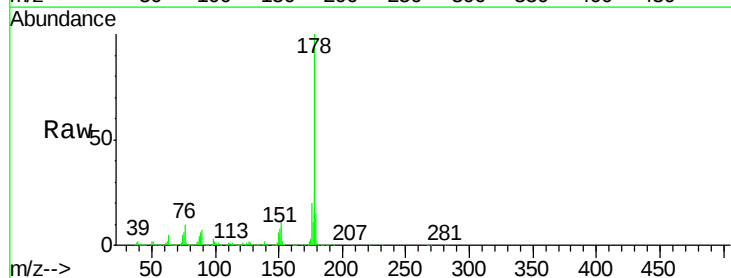
Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

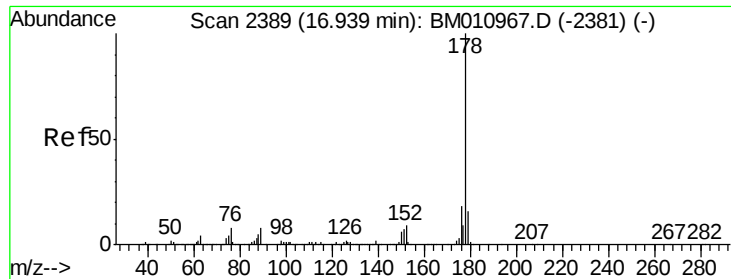
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	52.0	78.0
264	61.2	49.0	73.4



#70
 Phenanthrene
 Concen: 40.90 ng
 RT: 16.74 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	14.7	12.1	18.1

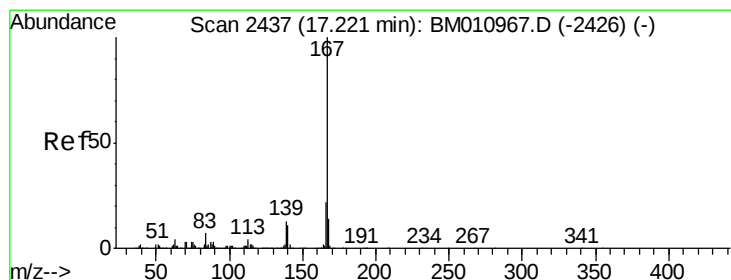
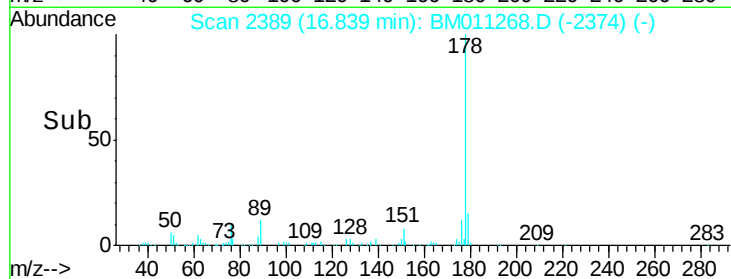
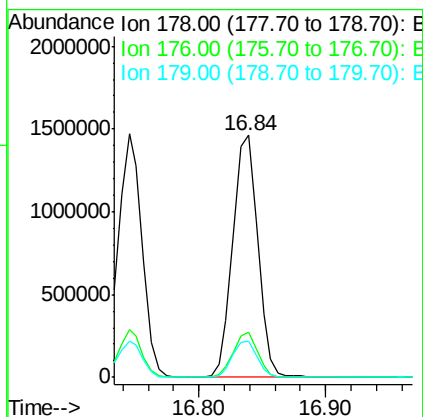
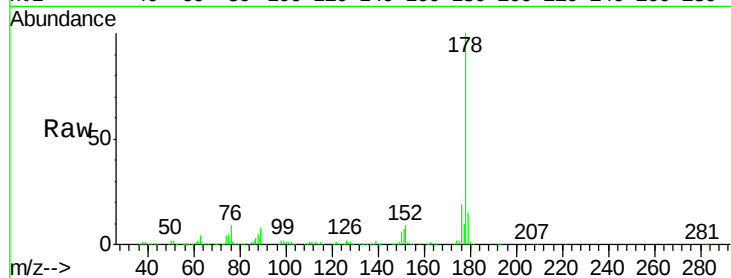




#71
 Anthracene
 Concen: 41.95 ng
 RT: 16.84 min Scan# 2389
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

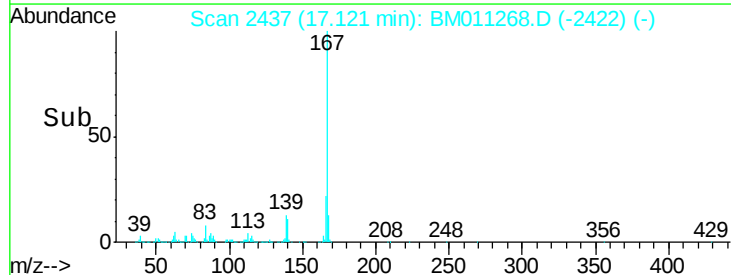
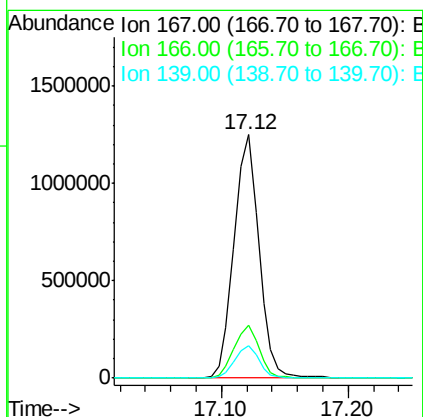
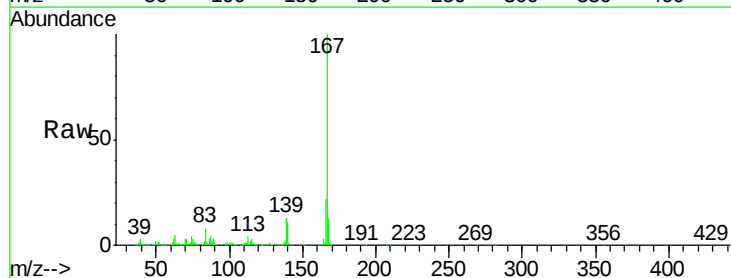
Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

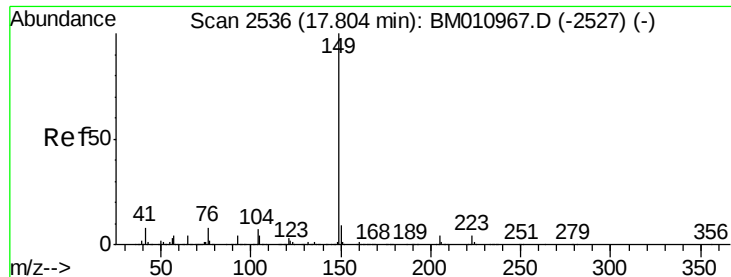
Tot Ion:178 Resp: 1993333
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.6 22.0
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 40.95 ng
 RT: 17.12 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion:167 Resp: 1702042
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.3 10.8 16.2

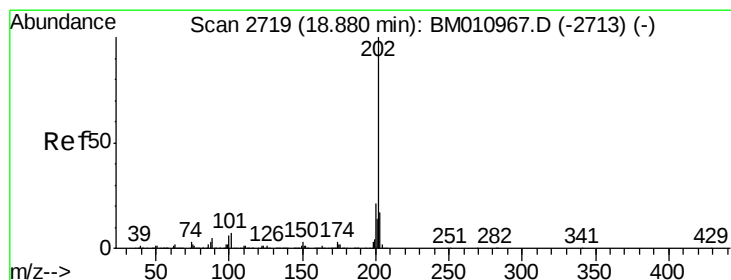
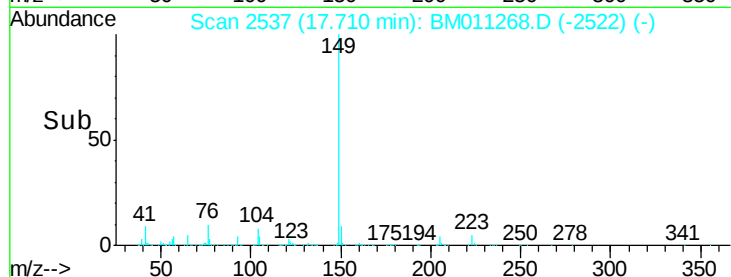
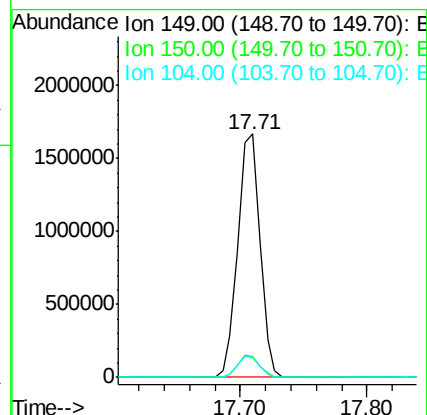
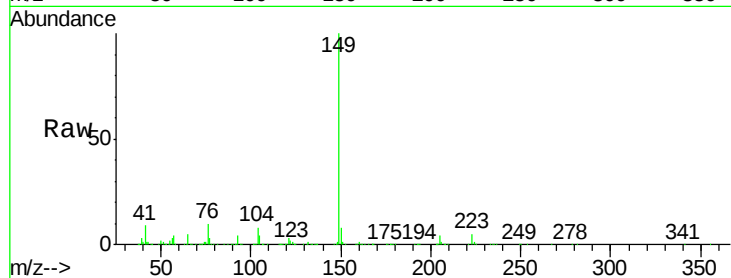




#73
Di-n-butylphthalate
Concen: 39.75 ng
RT: 17.71 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

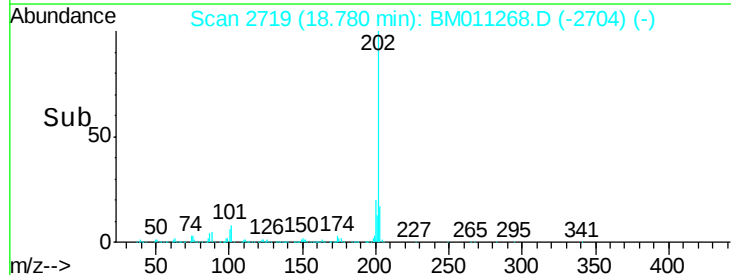
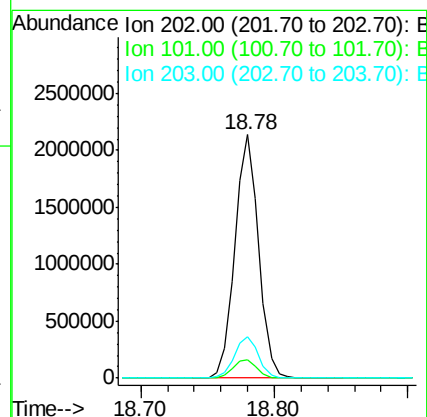
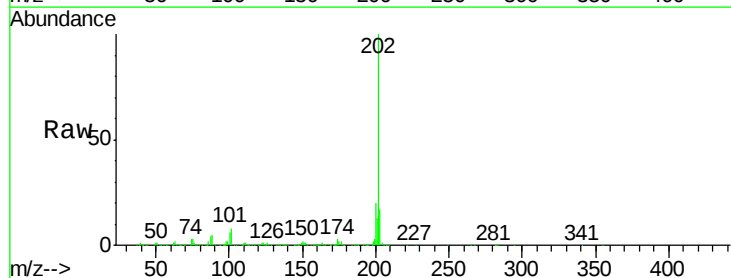
Instrument :
BNA_M
ClientSampleId :
PB101642BS

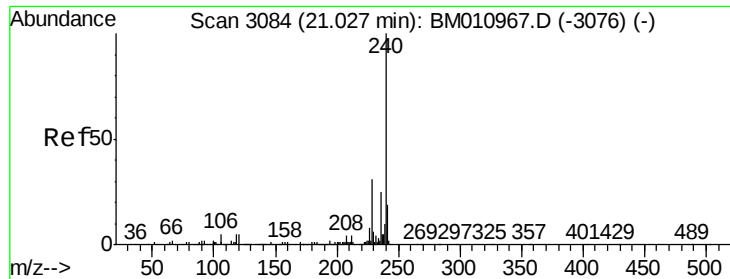
Tot Ion:149 Resp: 2011943
Ion Ratio Lower Upper
149 100
150 8.5 7.5 11.3
104 8.3 3.7 5.5#



#74
Fluoranthene
Concen: 45.01 ng
RT: 18.78 min Scan# 2719
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion:202 Resp: 2657827
Ion Ratio Lower Upper
202 100
101 7.7 0.0 28.7
203 16.8 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.93 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

ClientSampleId :

PB101642BS

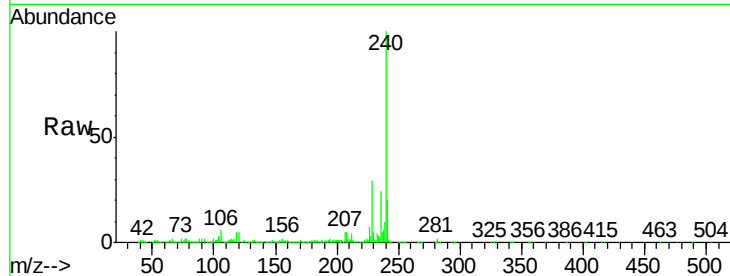
Tot Ion:240 Resp: 1210301

Ion Ratio Lower Upper

240 100

120 5.3 8.2 12.2#

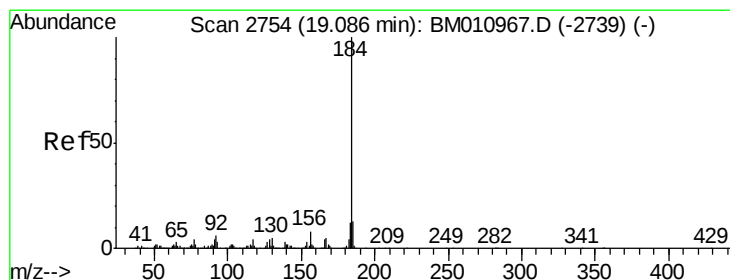
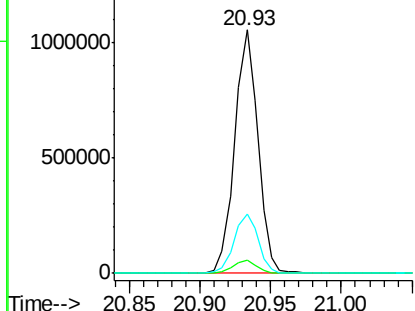
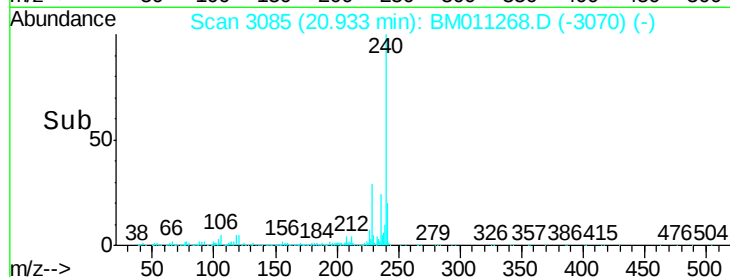
236 24.3 20.0 30.0



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: 46.64 ng

RT: 18.99 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

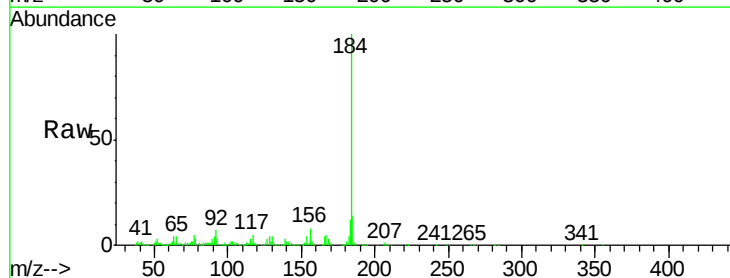
Tgt Ion:184 Resp: 1350306

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

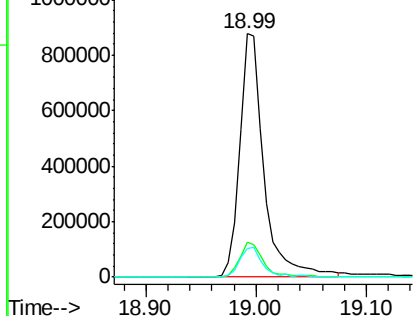
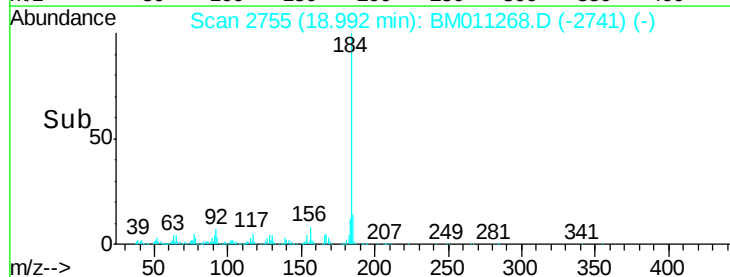
183 11.5 8.9 13.3

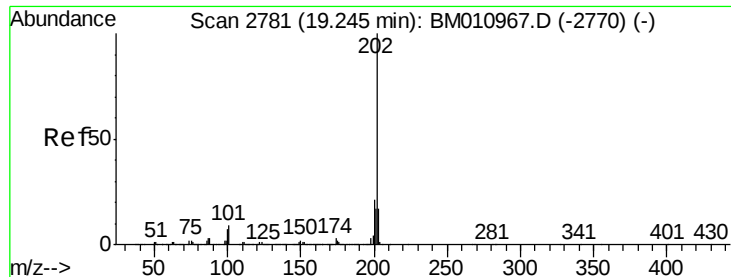


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.26 ng

RT: 19.14 min Scan# 2781

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

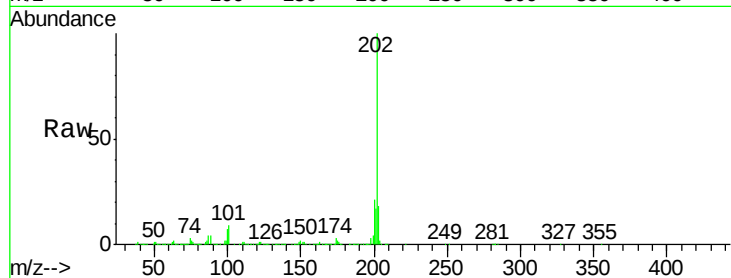
BNA_M

ClientSampleId :

PB101642BS

Tot Ion:202 Resp: 2751424

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.8	14.1	21.1

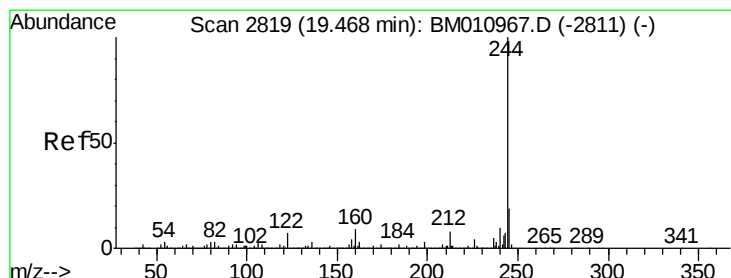
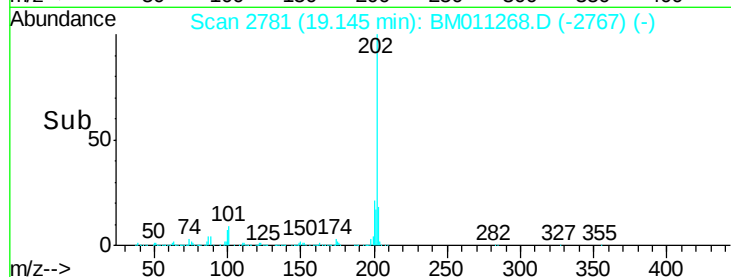
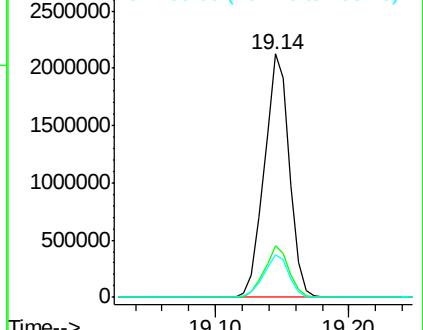


Abundance

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: 68.62 ng

RT: 19.37 min Scan# 2820

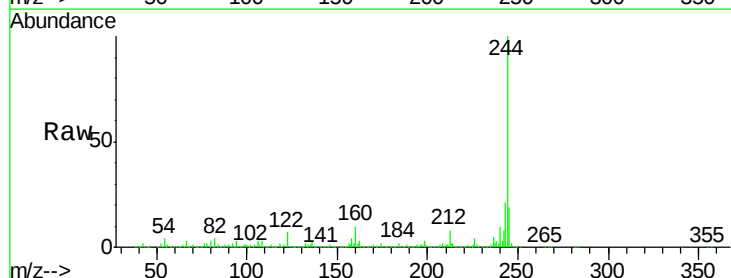
Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion:244 Resp: 4192528

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	6.9	6.2	9.4

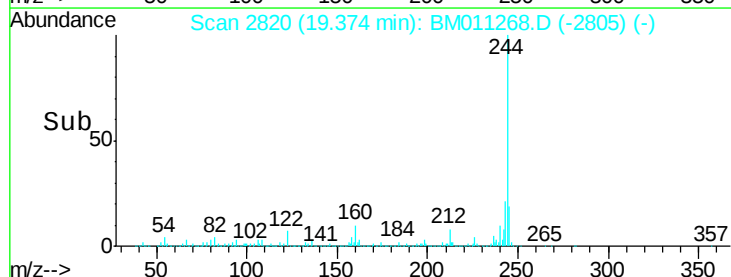
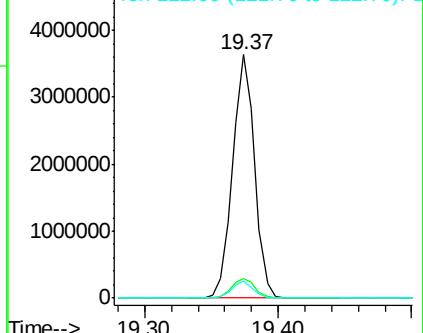


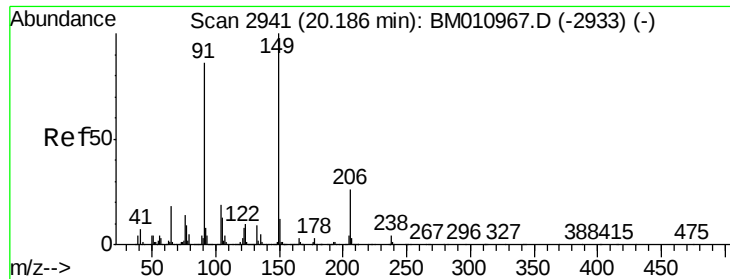
Abundance

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

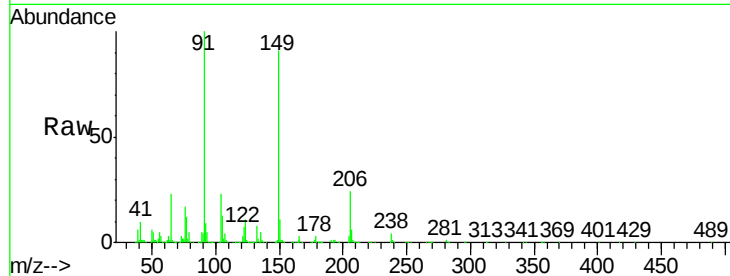




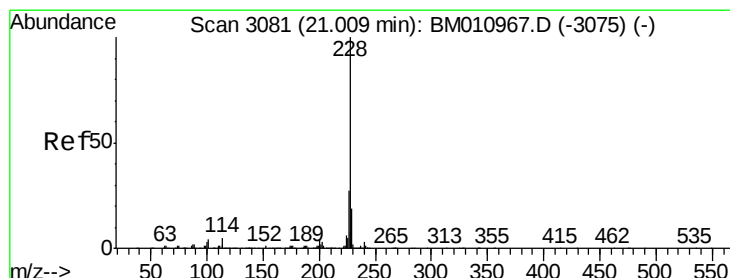
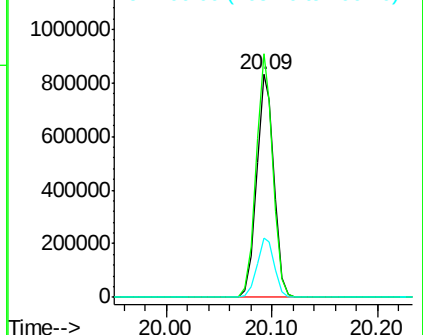
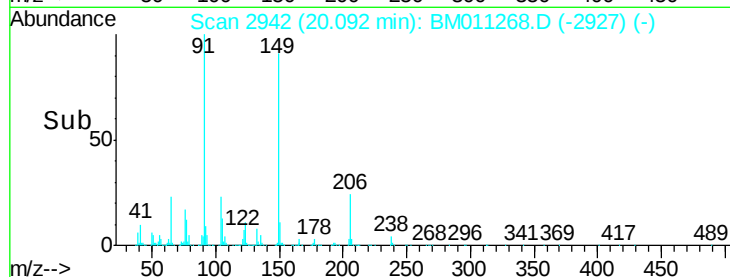
#79
Butylbenzylphthalate
Concen: 37.46 ng
RT: 20.09 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Instrument :
BNA_M
ClientSampleId :
PB101642BS

Tot Ion:149 Resp: 957902
Ion Ratio Lower Upper
149 100
91 109.3 50.1 75.1#
206 26.7 16.2 24.2#

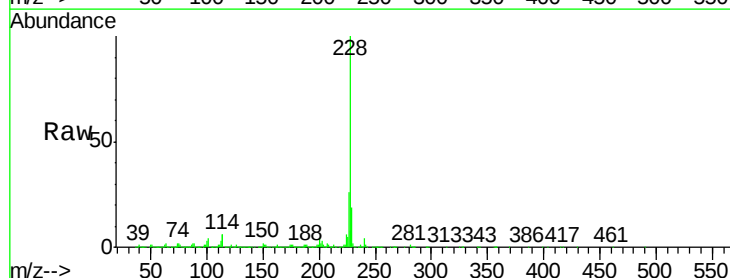


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM011268.D (-2927) (-)
Ion 206.00 (205.70 to 206.70): E

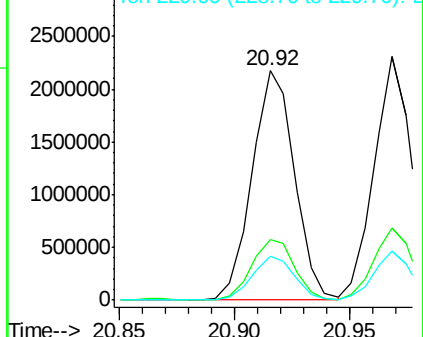
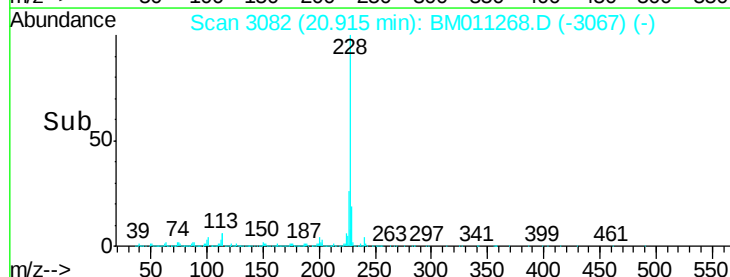


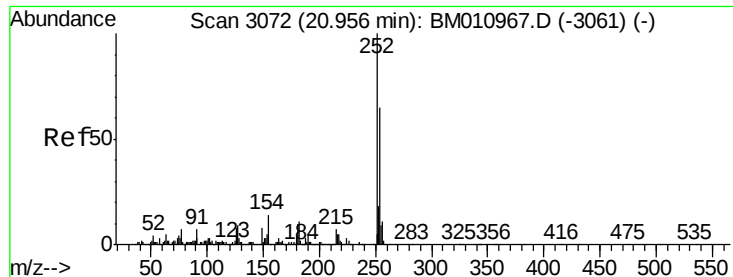
#80
Benzo(a)anthracene
Concen: 40.22 ng
RT: 20.92 min Scan# 3082
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion:228 Resp: 2779368
Ion Ratio Lower Upper
228 100
226 26.5 21.7 32.5
229 19.3 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

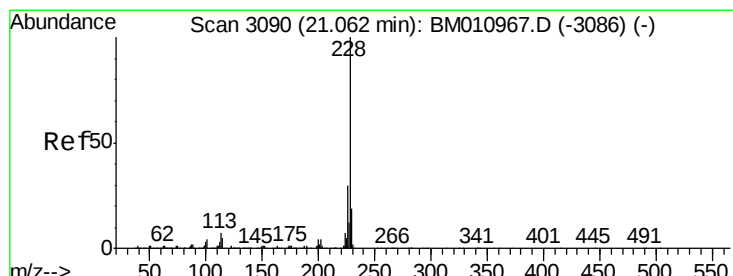
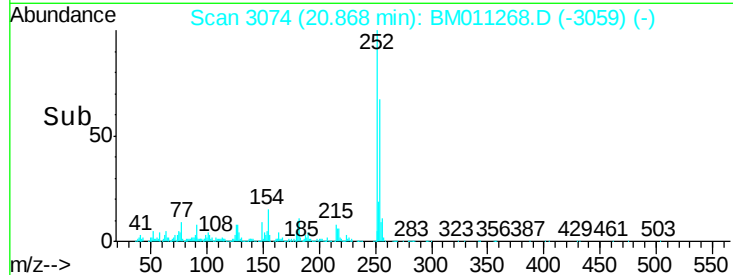
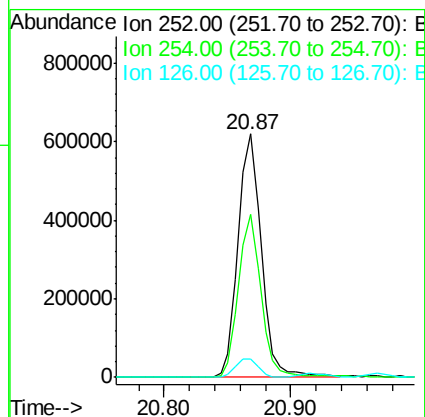
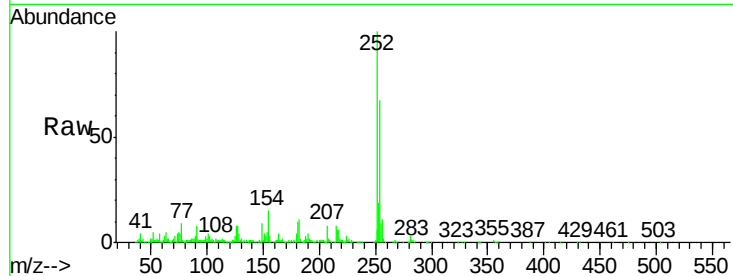




#81
 3,3'-Dichlorobenzidine
 Concen: 29.18 ng
 RT: 20.87 min Scan# 3074
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

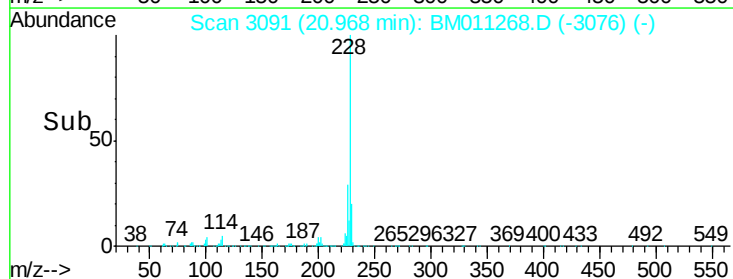
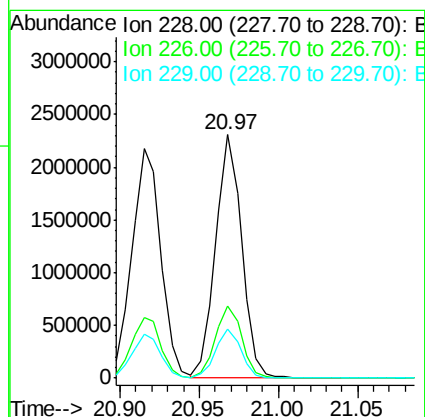
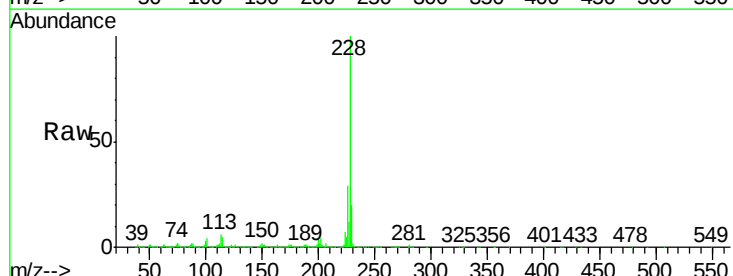
Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

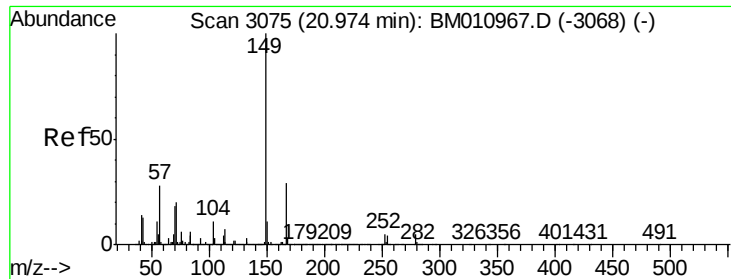
Tot Ion:252 Resp: 791099
 Ion Ratio Lower Upper
 252 100
 254 67.1 51.9 77.9
 126 7.6 9.8 14.8#



#82
 Chrysene
 Concen: 39.83 ng
 RT: 20.97 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion:228 Resp: 2642004
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.1 36.1
 229 20.0 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.71 ng

RT: 20.89 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

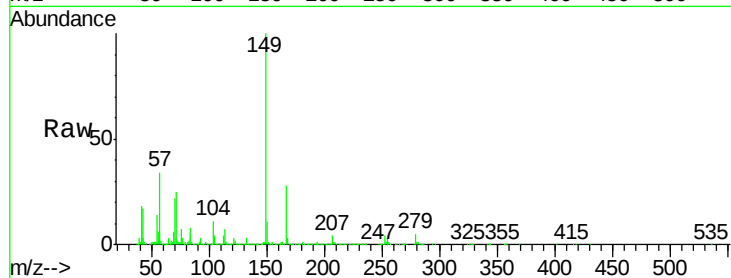
BNA_M

ClientSampleId :

PB101642BS

Tot Ion:149 Resp: 1380875

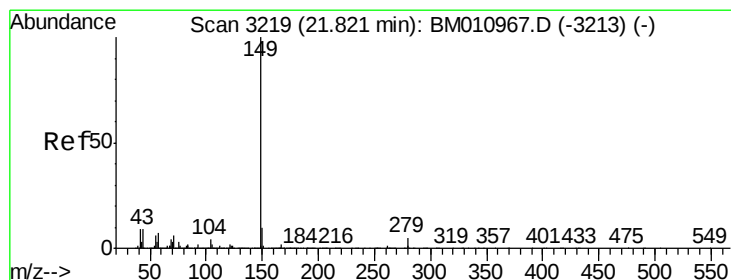
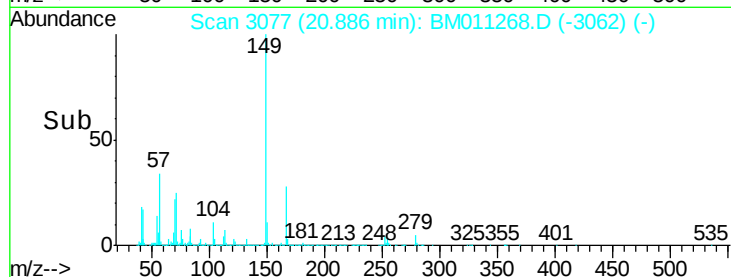
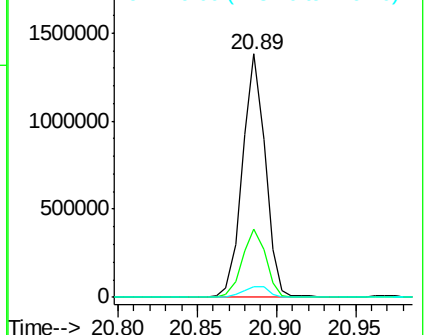
Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	4.6	3.4	5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.90 ng

RT: 21.73 min Scan# 3220

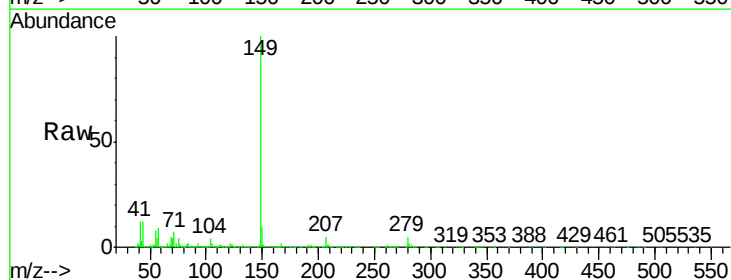
Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion:149 Resp: 2314168

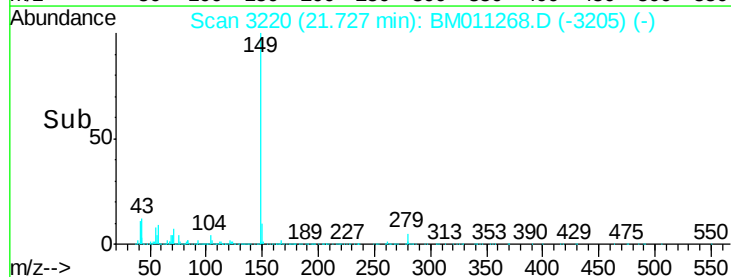
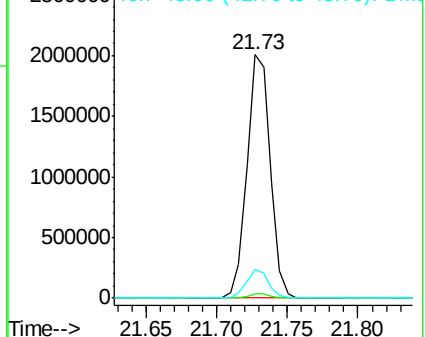
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.3	7.3	10.9

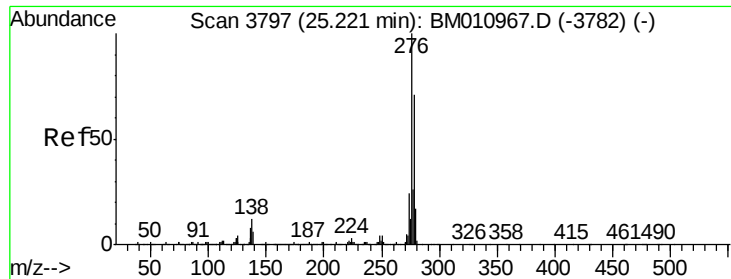


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



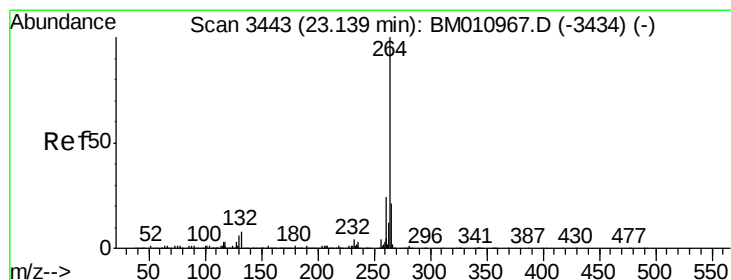
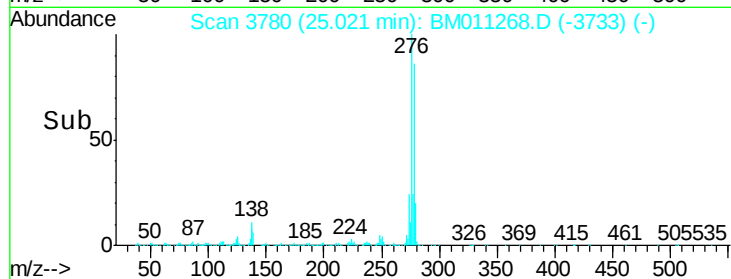
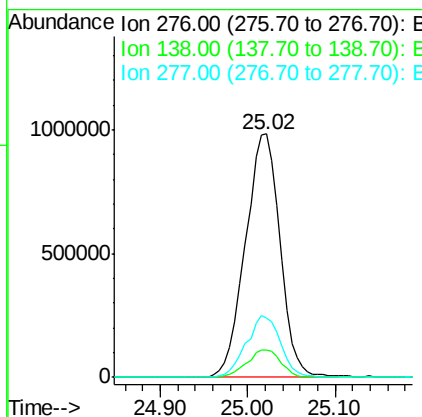
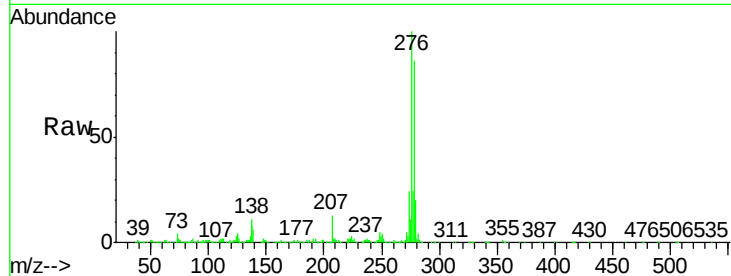


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.82 ng
 RT: 25.02 min Scan# 3780
 Delta R.T. -0.02 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

Tot Ion:276 Resp: 2666736

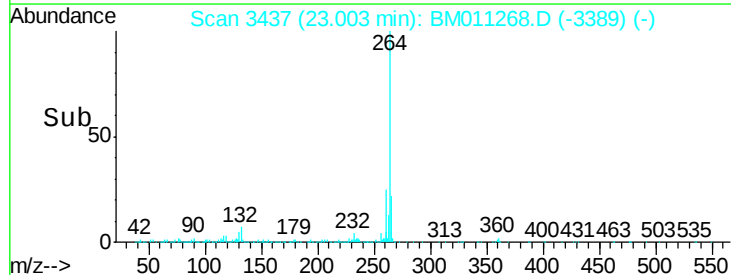
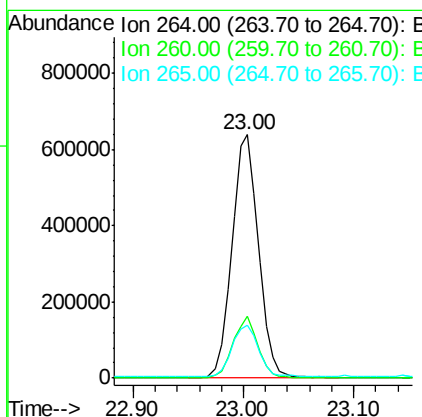
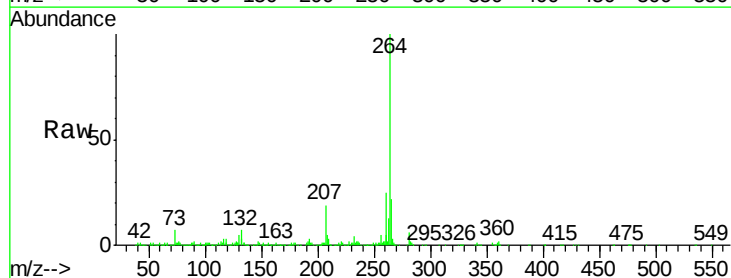
Ion	Ratio	Lower	Upper
276	100		
138	11.2	12.0	18.0#
277	24.9	20.0	30.0

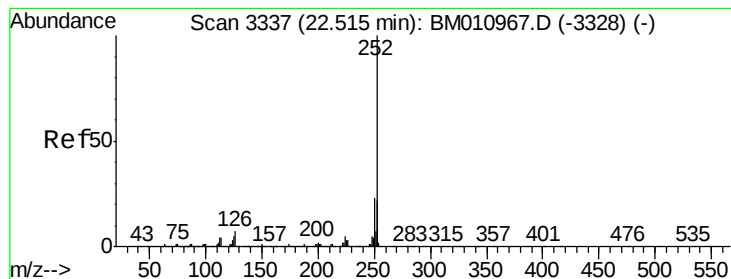


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.00 min Scan# 3437
 Delta R.T. -0.02 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion:264 Resp: 1080025

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.6	27.8
265	21.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 38.51 ng

RT: 22.40 min Scan# 3334

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

ClientSampleId :

PB101642BS

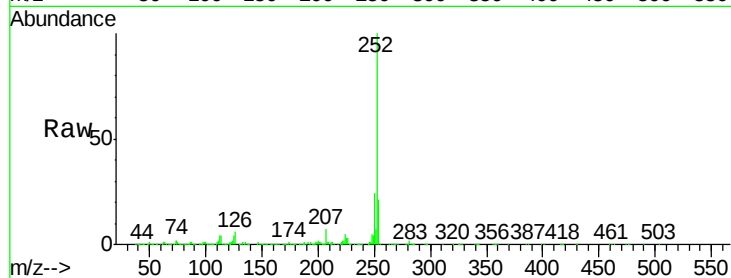
Tot Ion:252 Resp: 2669630

Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

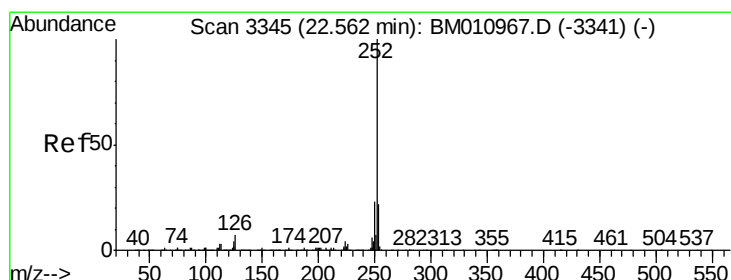
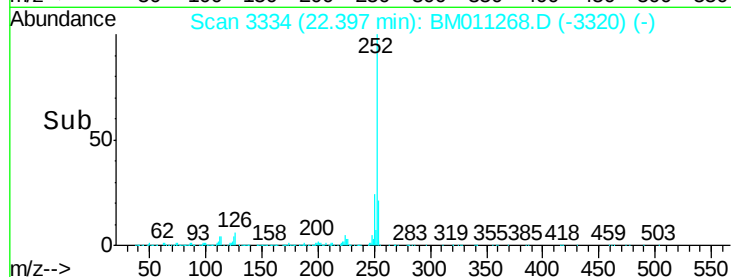
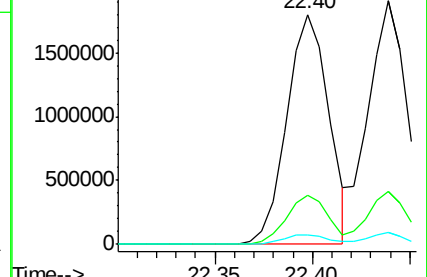
125 4.1 9.9 14.9#



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: 39.62 ng

RT: 22.44 min Scan# 3341

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

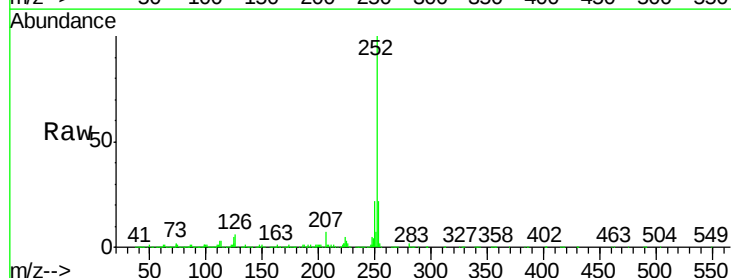
Tgt Ion:252 Resp: 2631998

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

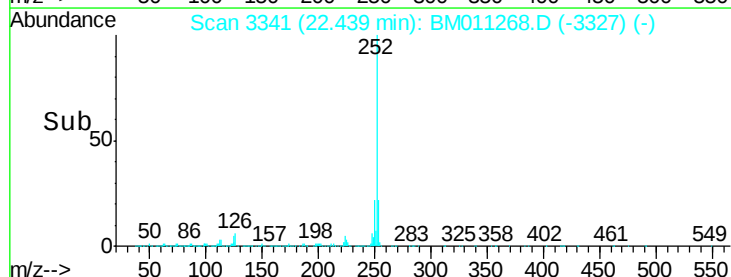
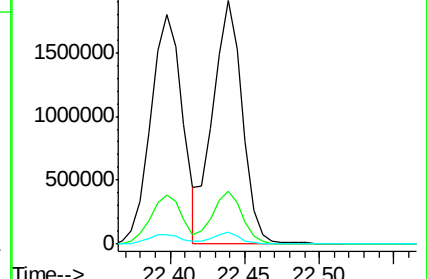
125 4.9 8.1 12.1#

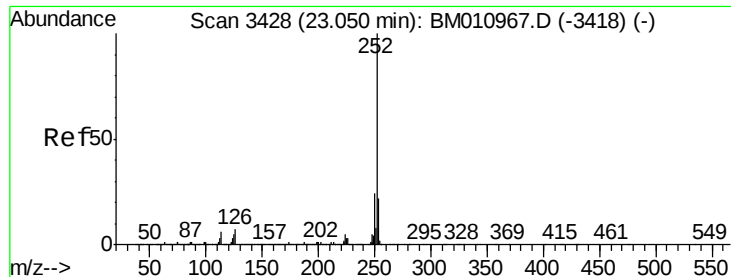


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.58 ng

RT: 22.92 min Scan# 3422

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

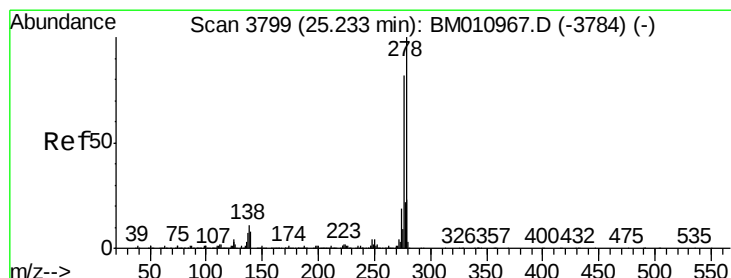
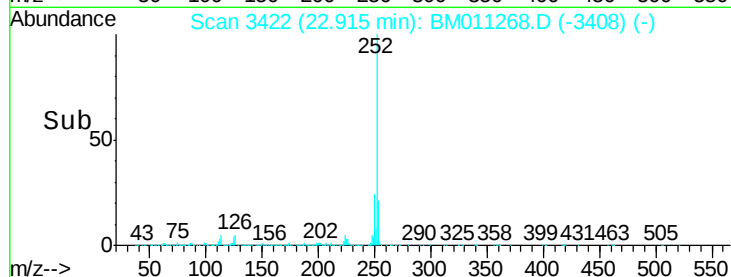
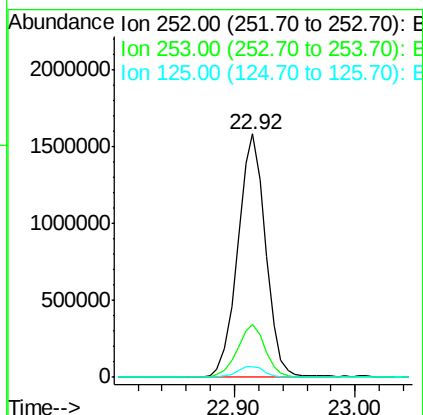
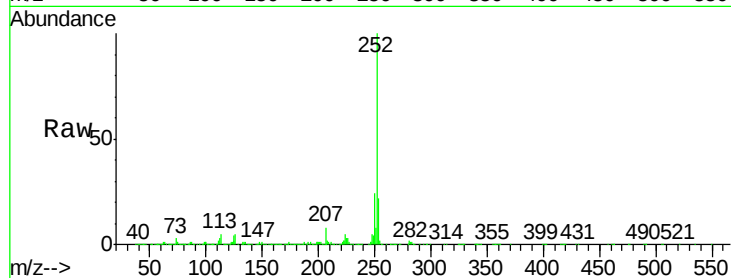
BNA_M

ClientSampleId :

PB101642BS

Tot Ion:252 Resp: 2545510

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	4.4	7.4	11.2#



#90

Dibenzo(a,h)anthracene

Concen: 37.83 ng

RT: 25.03 min Scan# 3781

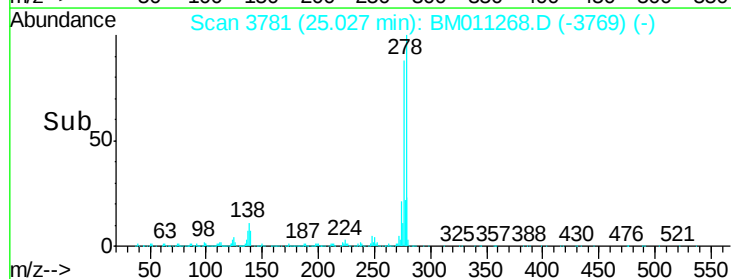
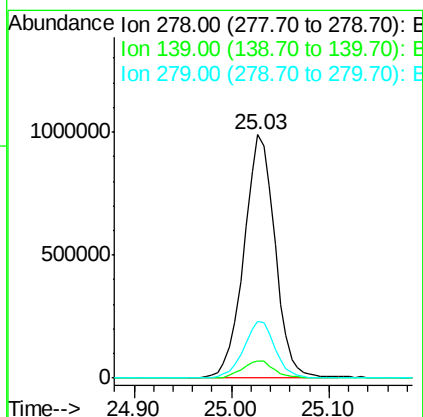
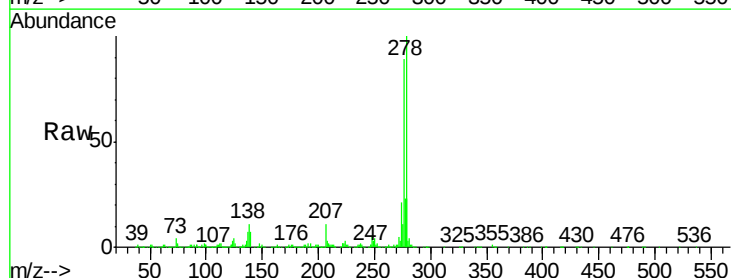
Delta R.T. -0.03 min

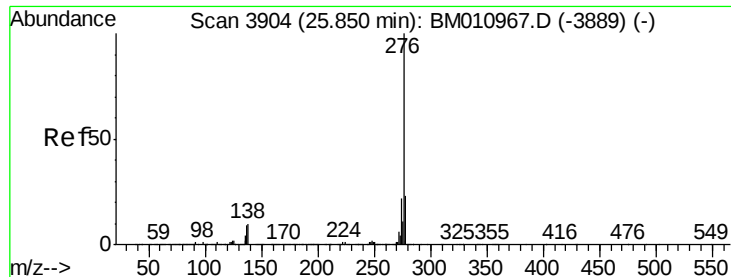
Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion:278 Resp: 2199493

Ion	Ratio	Lower	Upper
278	100		
139	7.2	13.4	20.0#
279	23.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 39.47 ng

RT: 25.63 min Scan# 3883

Delta R.T. -0.03 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

ClientSampleId :

PB101642BS

Tot Ion:276 Resp: 2253501

Ion Ratio Lower Upper

276 100

277 22.8 18.5 27.7

138 9.2 19.0 28.6#

