

Data Path : Z:\HPCHEM1\BNA M\DATA\BM090217\
 Data File : BM011409.D
 Acq On : 02 Sep 2017 11:17
 Operator : SJ/JU
 Sample : PB102037BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB102037BS

Quant Time: Sep 04 02:58:54 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	474702	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2143497	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1241200	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	2696632	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3268234	20.00	ng	-0.01
86) Perylene-d12	23.90	264	3367917	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	4213112	149.40	ng	0.00
7) Phenol-d6	7.14	99	5489677	140.39	ng	0.00
23) Nitrobenzene-d5	9.15	82	2915951	89.65	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1830346	127.46	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	7162640	83.18	ng	0.00
78) Terphenyl-d14	19.96	244	9197516	69.83	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	390274	33.204	ng	# 100
3) Pyridine	3.83	79	1215209	33.761	ng	88
4) n-Nitrosodimethylamine	3.74	42	680269	37.013	ng	# 75
6) Aniline	7.31	93	1800419	33.900	ng	96
8) 2-Chlorophenol	7.55	128	1423545	42.818	ng	92
9) Benzaldehyde	7.12	77	381993	16.805	ng	99
10) Phenol	7.16	94	1880168	43.735	ng	# 75
11) bis(2-Chloroethyl)ether	7.40	93	1347097	39.206	ng	85
12) 1,3-Dichlorobenzene	7.87	146	1386100	36.613	ng	98
13) 1,4-Dichlorobenzene	8.02	146	1423194	36.965	ng	98
14) 1,2-Dichlorobenzene	8.34	146	1373494	36.858	ng	98
15) Benzyl Alcohol	8.22	79	1172261	41.463	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	2170837	37.781	ng	94
17) 2-Methylphenol	8.42	107	1196103	43.452	ng	97
18) Hexachloroethane	9.07	117	481765	36.552	ng	91
19) n-Nitroso-di-n-propylamine	8.79	70	1057881	36.844	ng	# 87
20) 3+4-Methylphenols	8.75	107	1611517	42.194	ng	98
22) Acetophenone	8.81	105	2026131	38.040	ng	# 92
24) Nitrobenzene	9.19	77	1491861	41.623	ng	94
25) Isophorone	9.72	82	2819003	38.679	ng	93
26) 2-Nitrophenol	9.90	139	613555	40.499	ng	# 86
27) 2,4-Dimethylphenol	9.96	122	1354026	39.843	ng	97
28) bis(2-Chloroethoxy)methane	10.20	93	1862985	37.458	ng	98
29) 2,4-Dichlorophenol	10.43	162	1317683	41.443	ng	97
30) 1,2,4-Trichlorobenzene	10.66	180	1272235	36.146	ng	99
31) Naphthalene	10.85	128	4289970	37.069	ng	100
32) Benzoic acid	10.08	122	812793	36.976	ng	98
33) 4-Chloroaniline	10.95	127	996110	19.675	ng	# 91
34) Hexachlorobutadiene	11.13	225	699554	34.883	ng	96
35) Caprolactam	11.73	113	309497	27.029	ng	# 71
36) 4-Chloro-3-methylphenol	12.06	107	1424329	38.141	ng	92
37) 2-Methylnaphthalene	12.45	142	3107578	38.579	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	1349796	36.137	ng	# 100
40) Hexachlorocyclopentadiene	12.79	237	1718107	100.340	ng	99

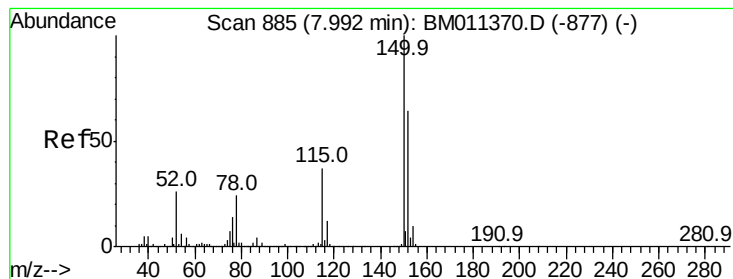
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	959525	38.808	nq	99
43) 2,4,5-Trichlorophenol	13.12	196	1019436	40.597	nq	# 91
45) 1,1'-Biphenyl	13.46	154	3849243	34.933	nq	97
46) 2-Chloronaphthalene	13.50	162	2924313	35.725	nq	95
47) 2-Nitroaniline	13.69	65	962062	38.284	nq	# 81
48) Acenaphthylene	14.34	152	4735335	37.128	nq	100
49) Dimethylphthalate	14.07	163	3663863	37.149	nq	99
50) 2,6-Dinitrotoluene	14.19	165	750575	40.193	nq	# 91
51) Acenaphthene	14.68	154	2948336	35.600	nq	99
52) 3-Nitroaniline	14.52	138	862882	35.574	nq	83
53) 2,4-Dinitrophenol	14.72	184	616349	75.922	nq	88
54) Dibenzofuran	15.02	168	4498990	39.396	nq	96
55) 4-Nitrophenol	14.82	139	1530526	81.079	nq	# 46
56) 2,4-Dinitrotoluene	14.97	165	1009160	39.304	nq	84
57) Fluorene	15.66	166	3690467	37.067	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.23	232	892923	43.944	nq	# 100
59) Diethylphthalate	15.43	149	3762863	37.030	nq	98
60) 4-Chlorophenyl-phenylether	15.65	204	1717755	36.989	nq	95
61) 4-Nitroaniline	15.68	138	959761	38.063	nq	86
62) Azobenzene	15.94	77	3736566	40.801	nq	91
64) 4,6-Dinitro-2-methylphenol	15.73	198	446157	43.876	nq	92
65) n-Nitrosodiphenylamine	15.87	169	3174670	37.361	nq	99
66) 4-Bromophenyl-phenylether	16.54	248	1051015	37.053	nq	# 89
67) Hexachlorobenzene	16.66	284	1147605	34.476	nq	# 88
68) Atrazine	16.81	200	1035736	41.589	nq	98
69) Pentachlorophenol	17.00	266	1484398	81.230	nq	98
70) Phenanthrene	17.40	178	5811331	38.697	nq	99
71) Anthracene	17.49	178	5885750	38.976	nq	99
72) Carbazole	17.76	167	5630994	38.693	nq	99
73) Di-n-butylphthalate	18.31	149	6568928	38.852	nq	100
74) Fluoranthene	19.40	202	6570954	38.347	nq	95
76) Benzidine	19.59	184	5955843	92.334	nq	99
77) Pyrene	19.77	202	6981957	34.862	nq	99
79) Butylbenzylphthalate	20.65	149	3144926	35.546	nq	91
80) Benzo(a)anthracene	21.50	228	6932876	37.927	nq	98
81) 3,3'-Dichlorobenzidine	21.43	252	2187795	31.525	nq	100
82) Chrysene	21.56	228	6421943	37.274	nq	98
83) Bis(2-ethylhexyl)phthalate	21.42	149	4780843	36.858	nq	99
84) Di-n-octyl phthalate	22.34	149	8626970	39.455	nq	96
85) Indeno(1,2,3-cd)pyrene	26.36	276	7964942	49.560	nq	# 88
87) Benzo(b)fluoranthene	23.17	252	7629468	36.898	nq	99
88) Benzo(k)fluoranthene	23.23	252	7001633	35.317	nq	98
89) Benzo(a)pyrene	23.80	252	7173383	38.464	nq	# 97
90) Dibenzo(a,h)anthracene	26.36	278	6721439	42.112	nq	99
91) Benzo(g,h,i)perylene	27.10	276	6301841	40.855	nq	99

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

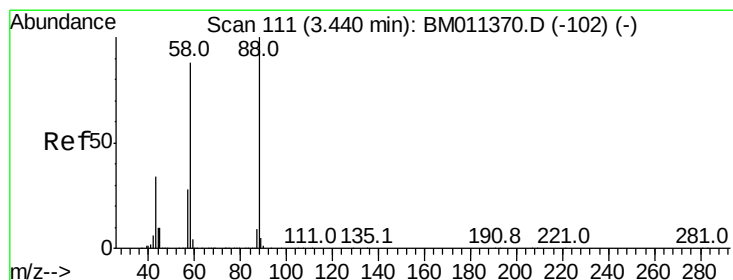
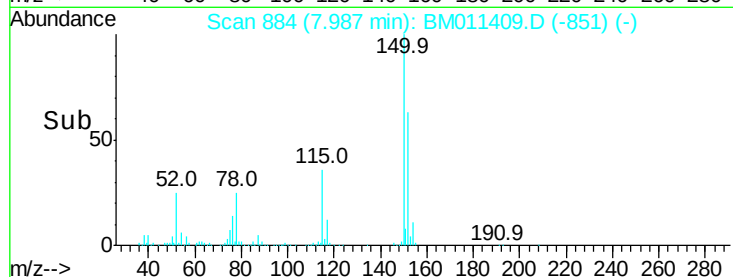
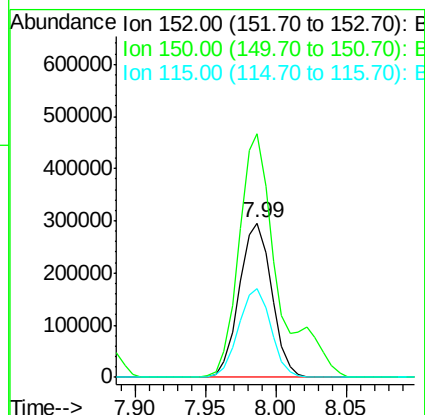
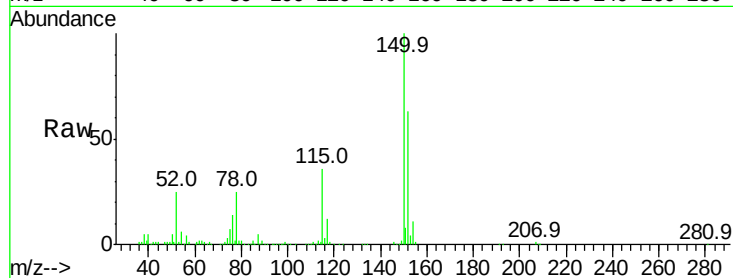


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

Instrument :
BNA_M
ClientSampleId :
PB102037BS

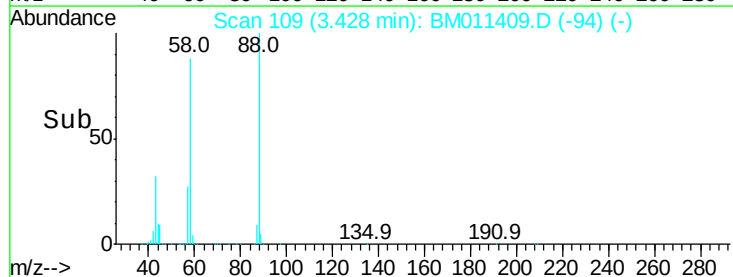
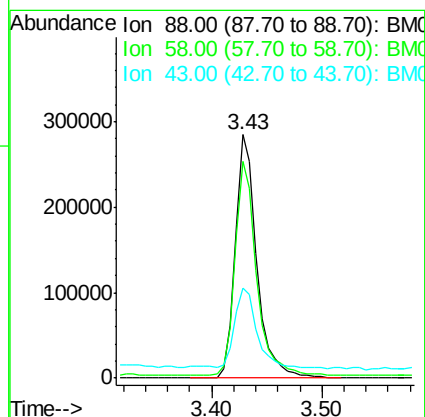
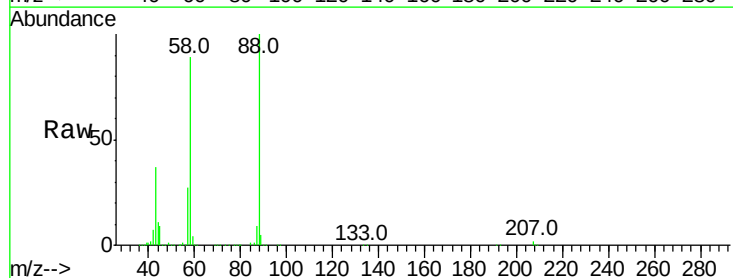
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	119.5	179.3
115	57.0	43.0	64.4

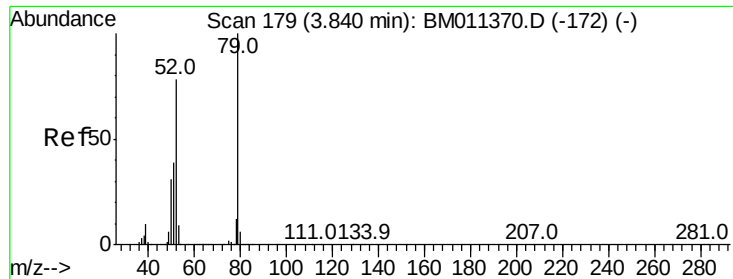


#2

1,4-Dioxane
Concen: 33.204 ng
RT: 3.43 min Scan# 109
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.0	0.0	0.0#
43	34.0	0.0	0.0#





#3

Pvridine

Concen: 33.761 ng

RT: 3.83 min Scan# 178

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

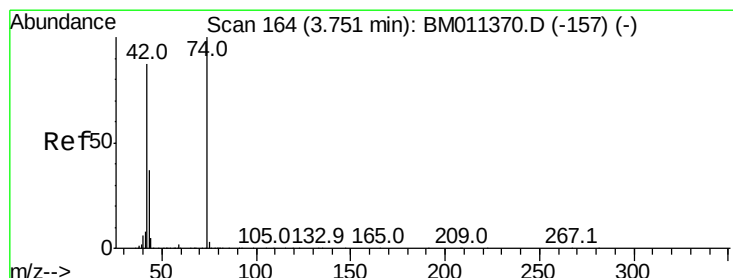
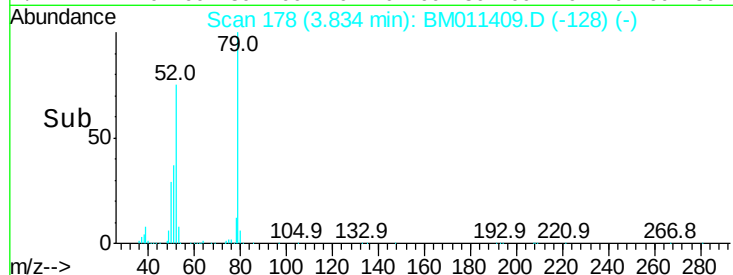
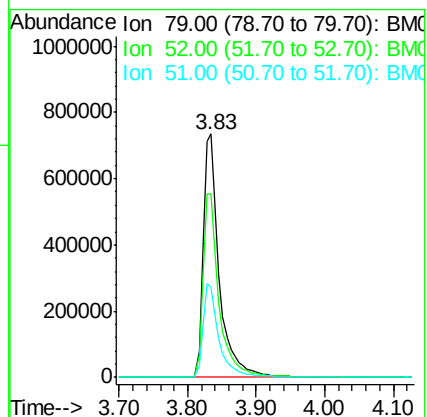
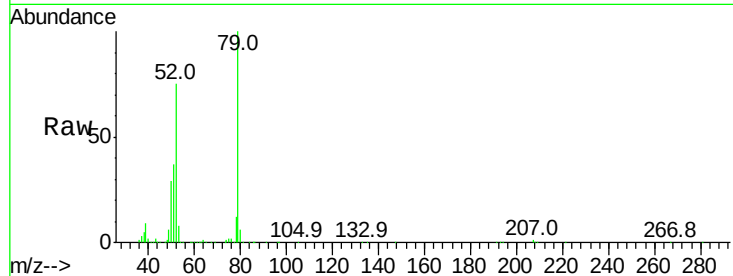
Tot Ion: 79 Resp: 1215209

Ion Ratio Lower Upper

79 100

52 75.2 51.1 76.7

51 36.9 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 37.013 ng

RT: 3.74 min Scan# 162

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

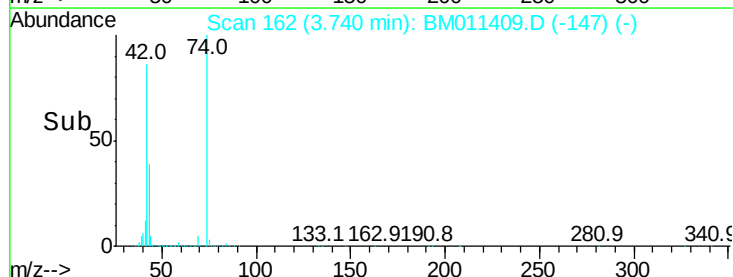
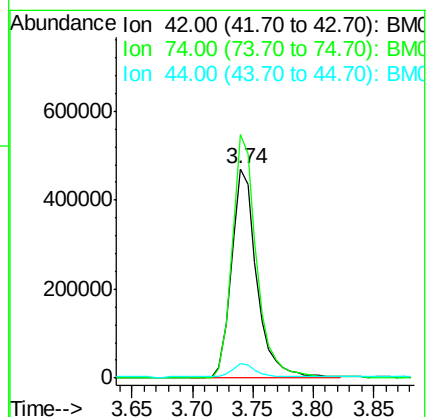
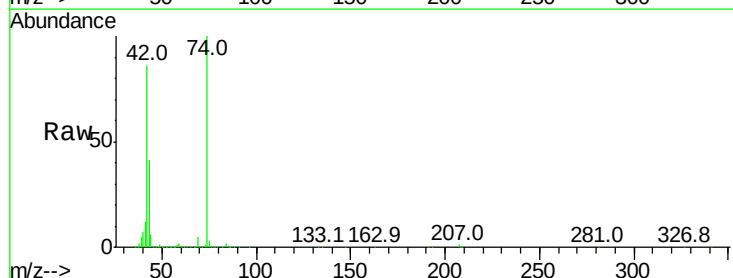
Tgt Ion: 42 Resp: 680269

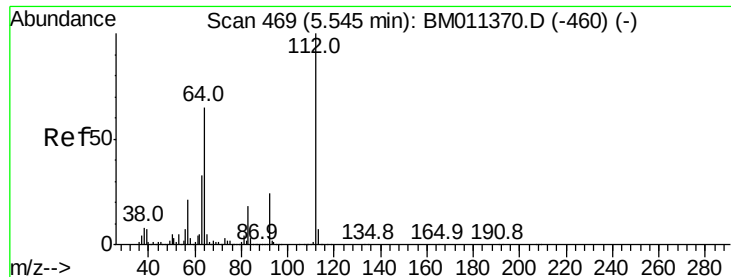
Ion Ratio Lower Upper

42 100

74 116.5 119.3 178.9#

44 6.7 5.4 8.2





#5

2-Fluorophenol

Concen: 149.395 ng

RT: 5.55 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

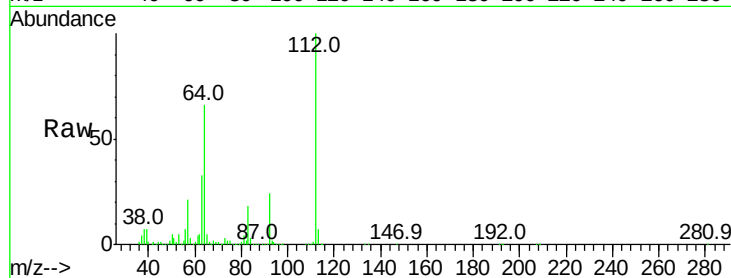
Tot Ion:112 Resp: 4213112

Ion Ratio Lower Upper

112 100

64 65.5 38.6 57.8#

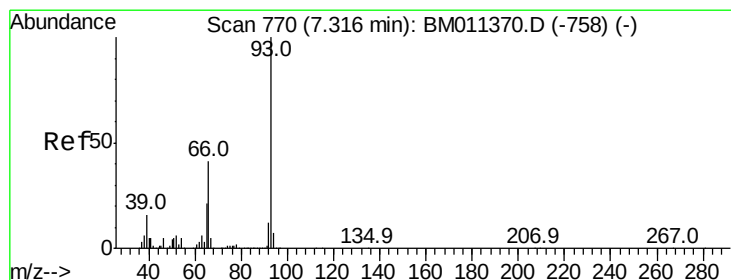
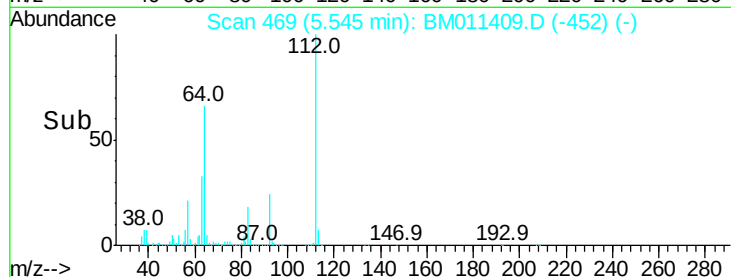
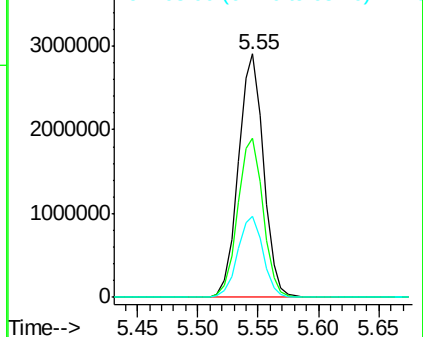
63 33.3 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 33.900 ng

RT: 7.31 min Scan# 769

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

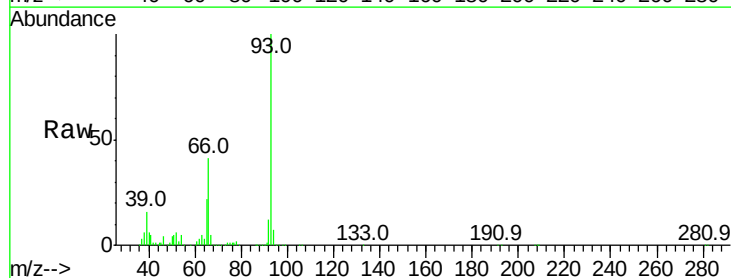
Tgt Ion: 93 Resp: 1800419

Ion Ratio Lower Upper

93 100

66 41.1 30.8 46.2

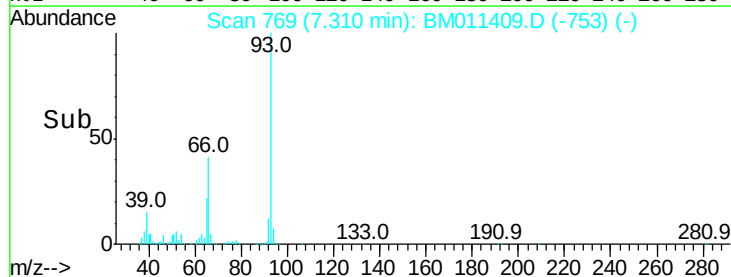
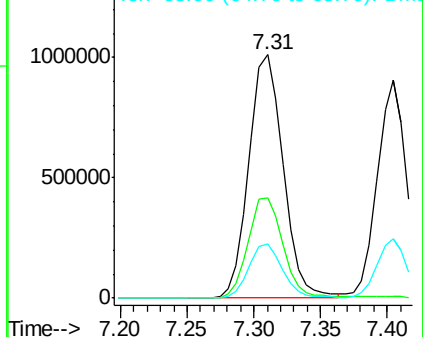
65 22.1 16.0 24.0

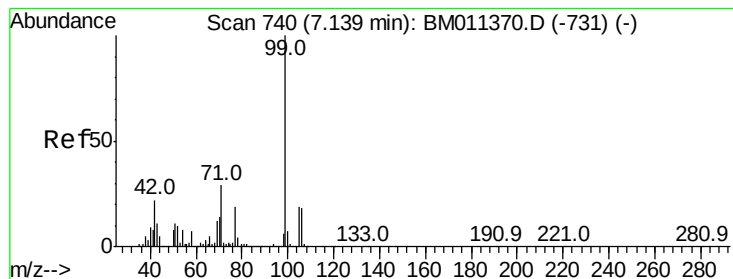


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 140.386 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

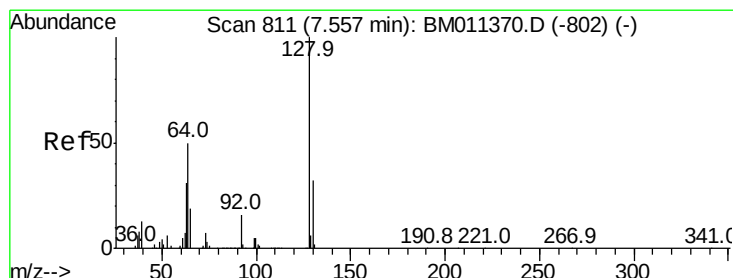
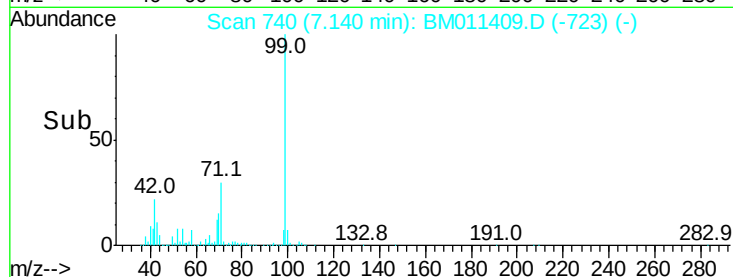
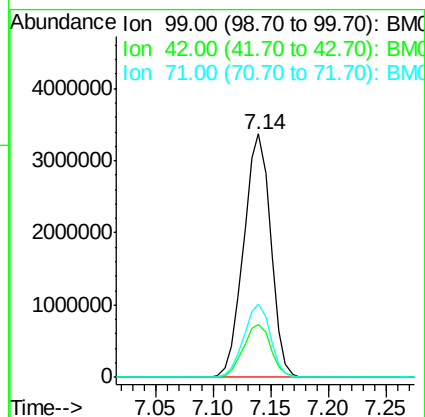
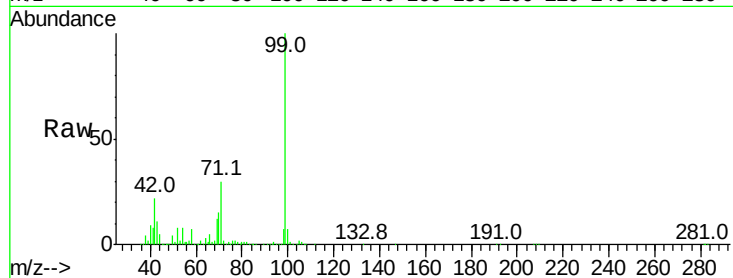
BNA_M

ClientSampleId :

PB102037BS

Tot Ion: 99 Resp: 5489677

Ion	Ratio	Lower	Upper
99	100		
42	21.7	11.0	16.4#
71	30.0	23.4	35.2



#8

2-Chlorophenol

Concen: 42.818 ng

RT: 7.55 min Scan# 810

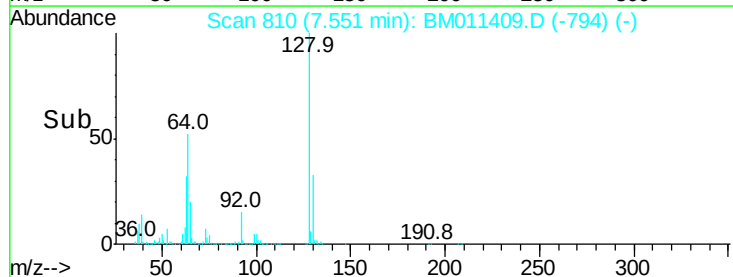
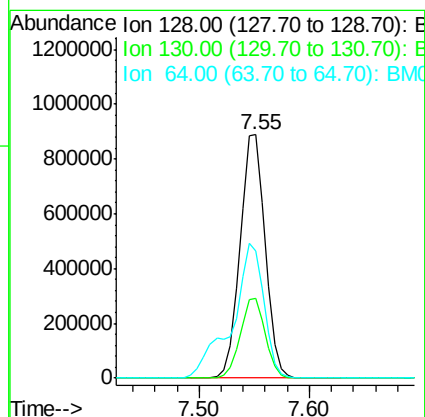
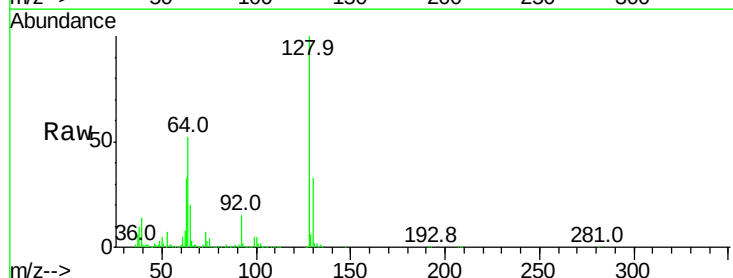
Delta R.T. -0.01 min

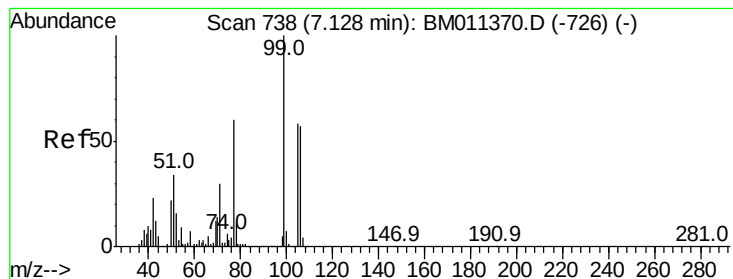
Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Tgt Ion: 128 Resp: 1423545

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.0	52.0
64	52.5	24.9	64.9





#9

Benzaldehyde

Concen: 16.805 ng

RT: 7.12 min Scan# 737

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

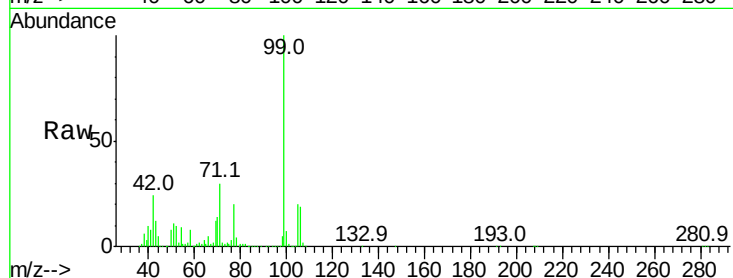
Tot Ion: 77 Resp: 381993

Ion Ratio Lower Upper

77 100

105 99.0 78.8 118.8

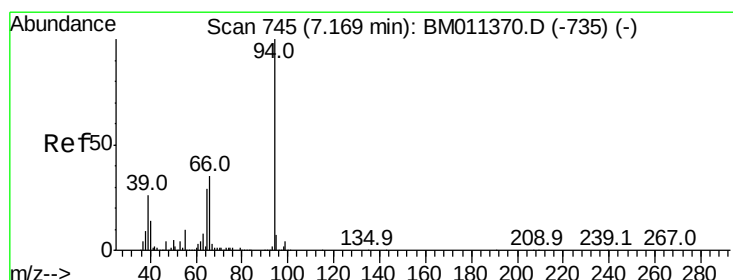
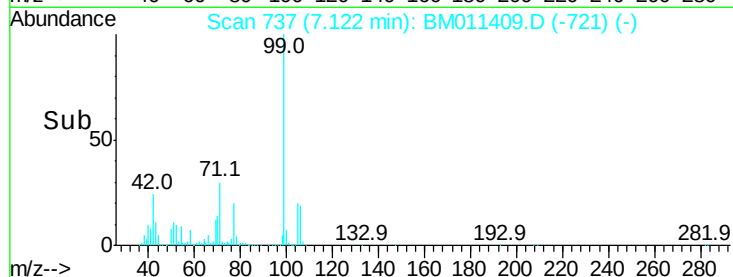
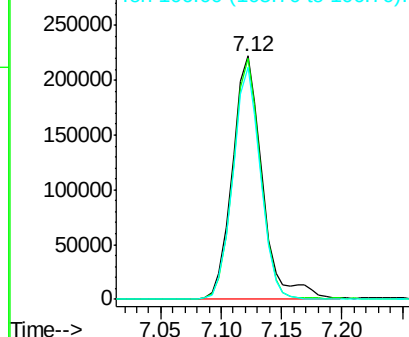
106 95.3 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM011409.D (-721) (-)

Ion 105.00 (104.70 to 105.70): BM011409.D (-721) (-)

Ion 106.00 (105.70 to 106.70): BM011409.D (-721) (-)



#10

Phenol

Concen: 43.735 ng

RT: 7.16 min Scan# 744

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

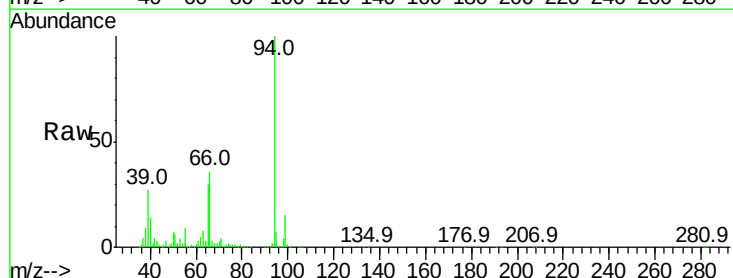
Tgt Ion: 94 Resp: 1880168

Ion Ratio Lower Upper

94 100

65 30.4 18.8 58.8

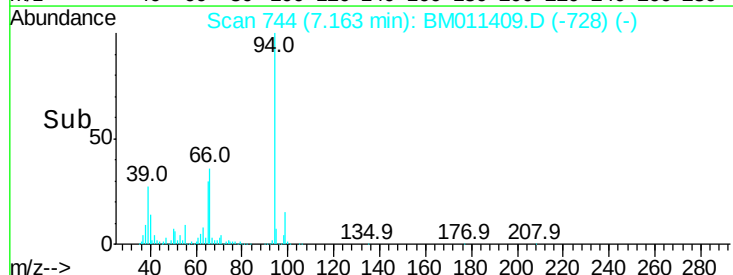
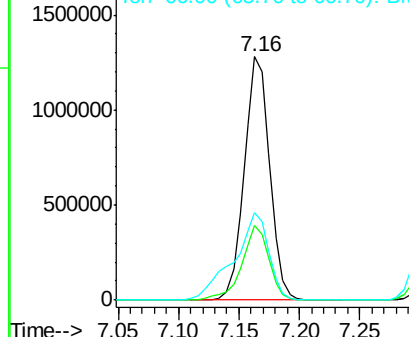
66 35.9 39.9 79.9#

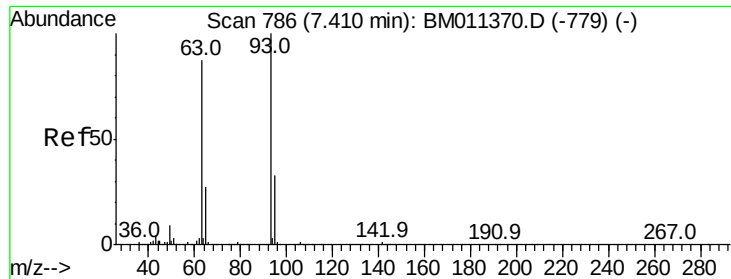


Abundance Ion 94.00 (93.70 to 94.70): BM011409.D (-728) (-)

Ion 65.00 (64.70 to 65.70): BM011409.D (-728) (-)

Ion 66.00 (65.70 to 66.70): BM011409.D (-728) (-)



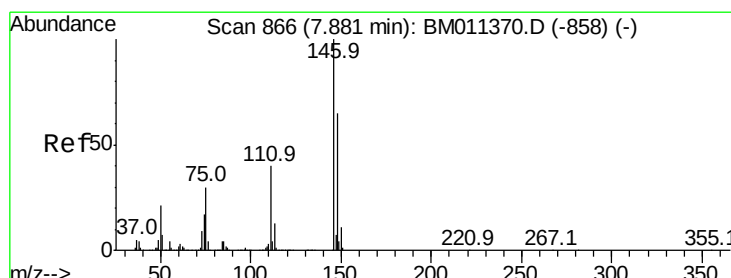
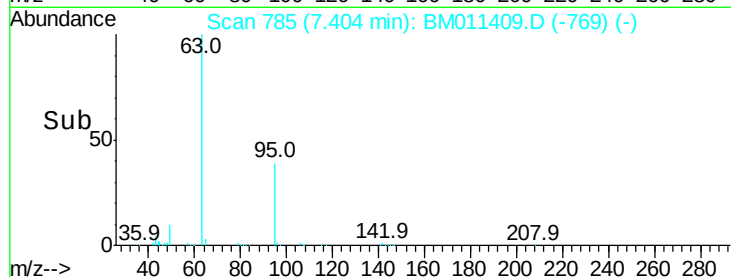
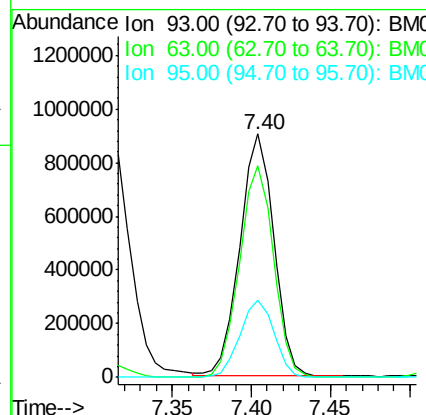
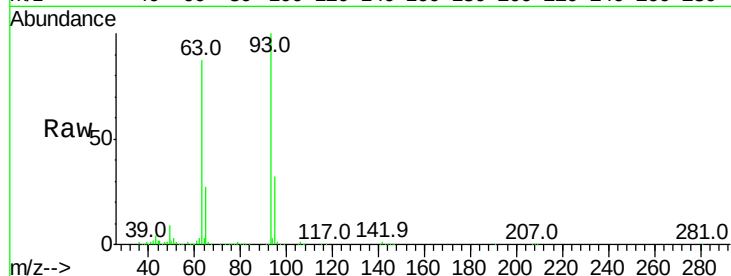


#11
 bis(2-Chloroethyl)ether
 Concen: 39.206 ng
 RT: 7.40 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BM011409.D
 Acq: 02 Sep 2017 11:17

Instrument :
 BNA_M
 ClientSampleId :
 PB102037BS

Tot Ion: 93 Resp: 1347097

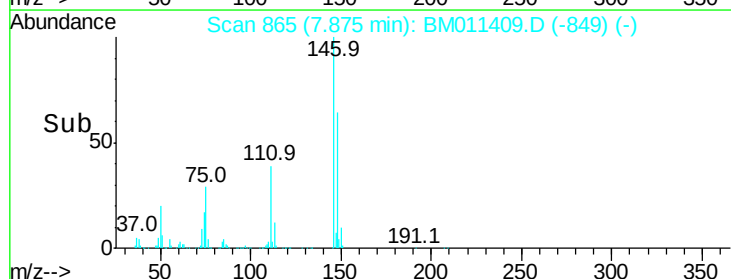
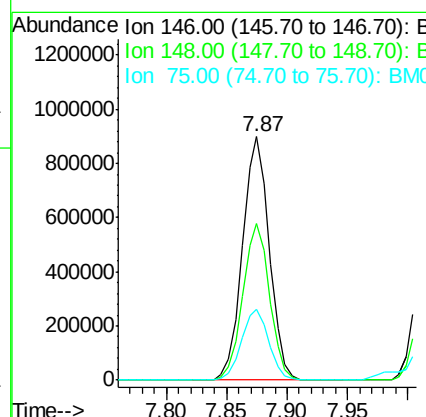
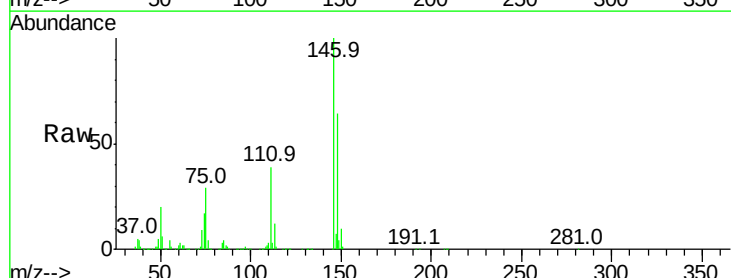
Ion	Ratio	Lower	Upper
93	100		
63	86.7	49.5	89.5
95	31.7	13.5	53.5

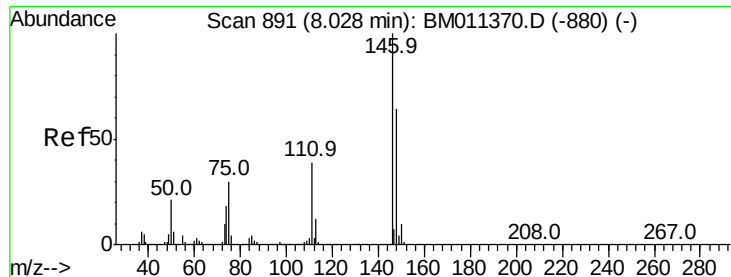


#12
 1,3-Dichlorobenzene
 Concen: 36.613 ng
 RT: 7.87 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: BM011409.D
 Acq: 02 Sep 2017 11:17

Tgt Ion: 146 Resp: 1386100

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.9	76.3
75	29.1	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 36.965 ng

RT: 8.02 min Scan# 890

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

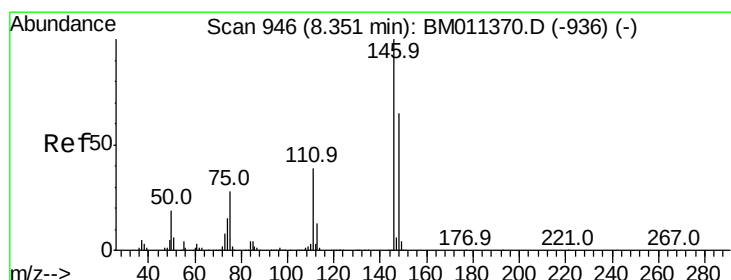
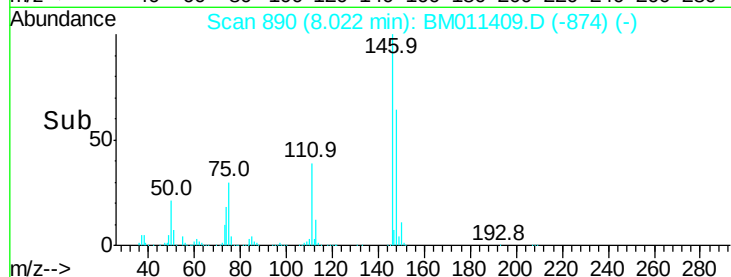
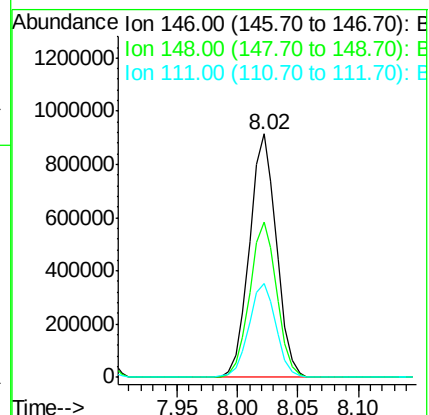
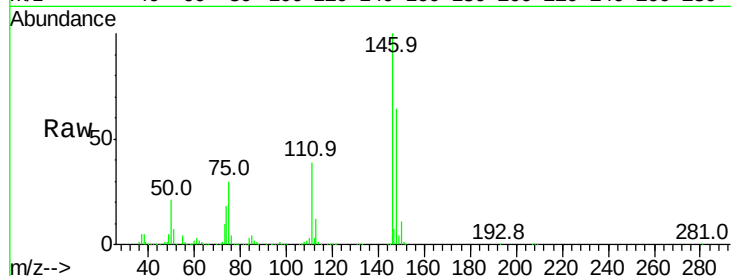
Tot Ion:146 Resp: 1423194

Ion Ratio Lower Upper

146 100

148 63.9 51.9 77.9

111 38.5 29.2 43.8



#14

1,2-Dichlorobenzene

Concen: 36.858 ng

RT: 8.34 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

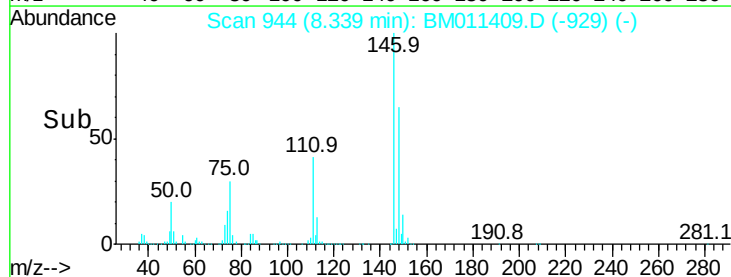
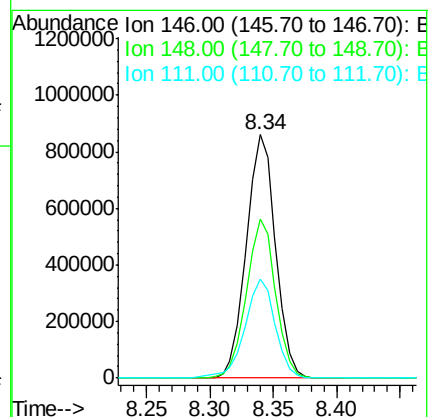
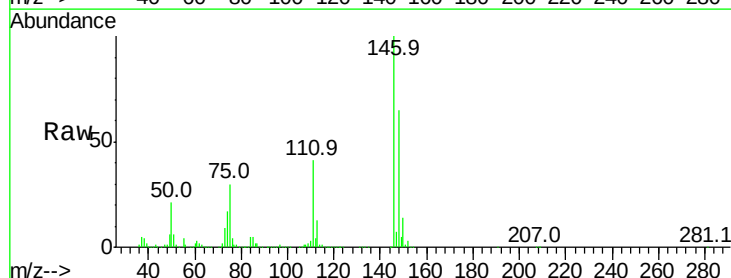
Tgt Ion:146 Resp: 1373494

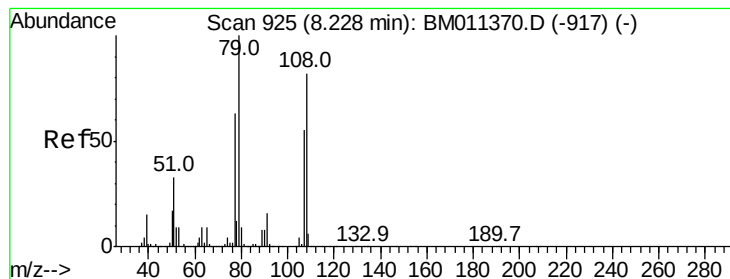
Ion Ratio Lower Upper

146 100

148 65.4 52.3 78.5

111 40.8 30.6 45.8





#15

Benzyl Alcohol

Concen: 41.463 ng

RT: 8.22 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

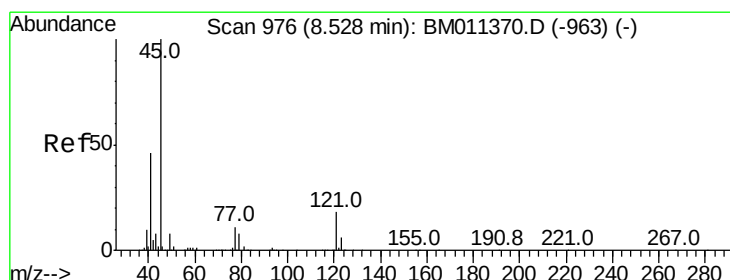
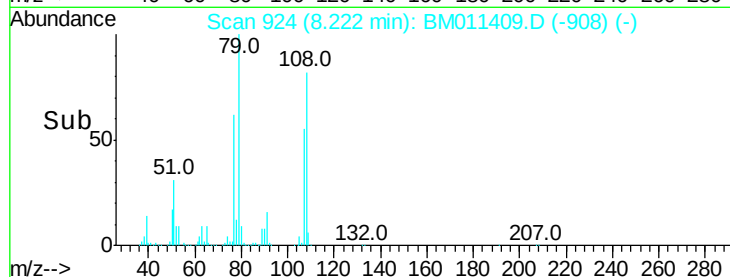
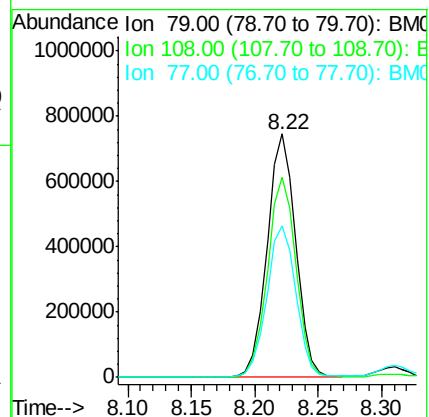
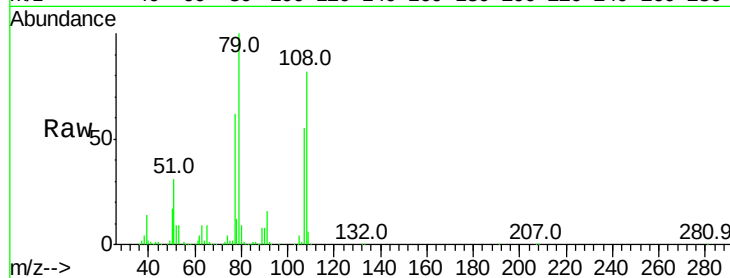
Tot Ion: 79 Resp: 1172261

Ion Ratio Lower Upper

79 100

108 82.1 65.0 97.4

77 62.3 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.781 ng

RT: 8.50 min Scan# 972

Delta R.T. -0.02 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

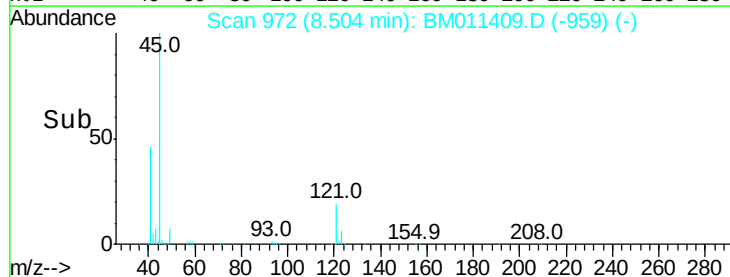
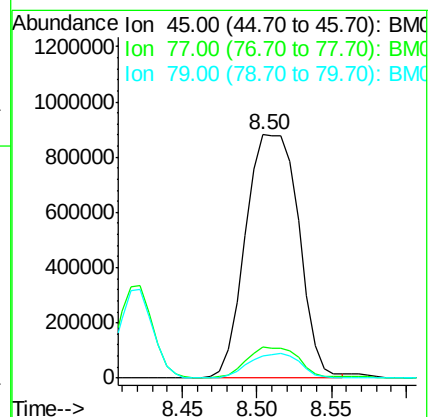
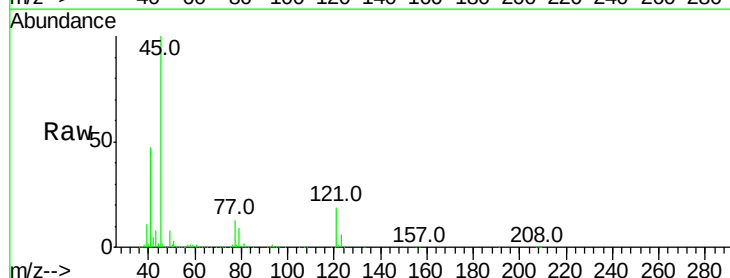
Tgt Ion: 45 Resp: 2170837

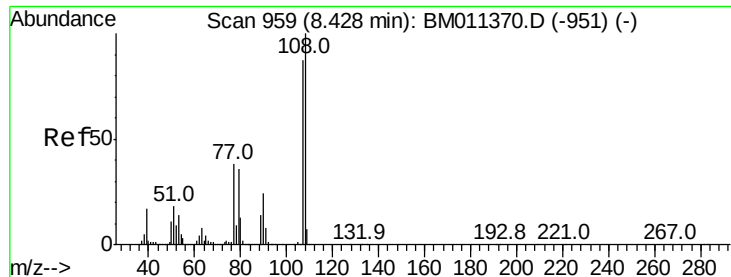
Ion Ratio Lower Upper

45 100

77 12.8 0.0 35.2

79 9.3 0.0 32.0





#17

2-Methylphenol

Concen: 43.452 ng

RT: 8.42 min Scan# 958

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

Tot Ion:107 Resp: 1196103

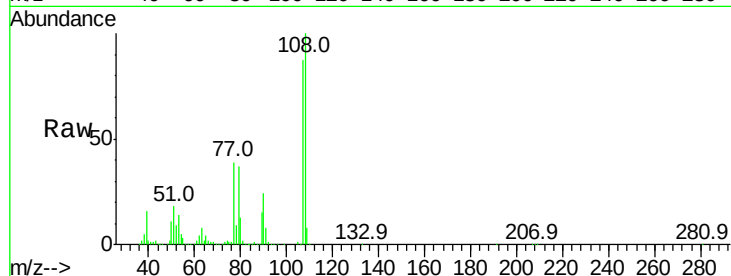
Ion Ratio Lower Upper

107 100

108 115.2 89.8 134.8

77 44.4 32.6 48.8

79 42.2 32.8 49.2

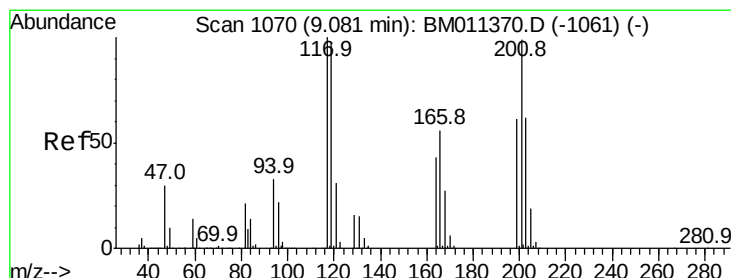
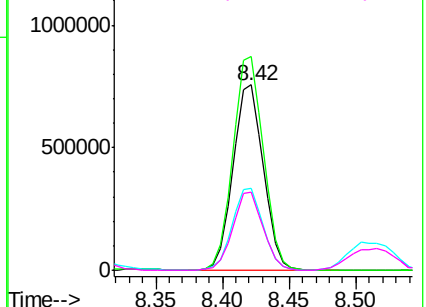
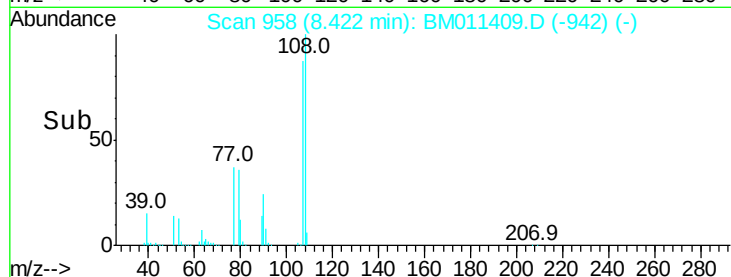


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 36.552 ng

RT: 9.07 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

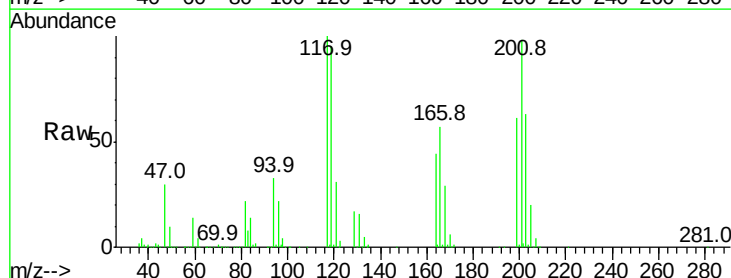
Tgt Ion:117 Resp: 481765

Ion Ratio Lower Upper

117 100

119 95.4 79.2 118.8

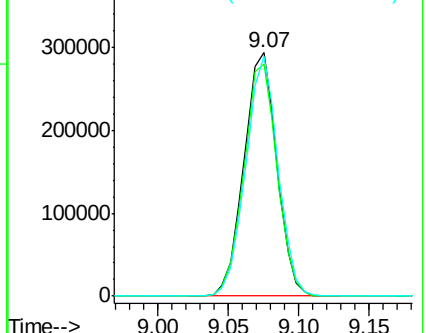
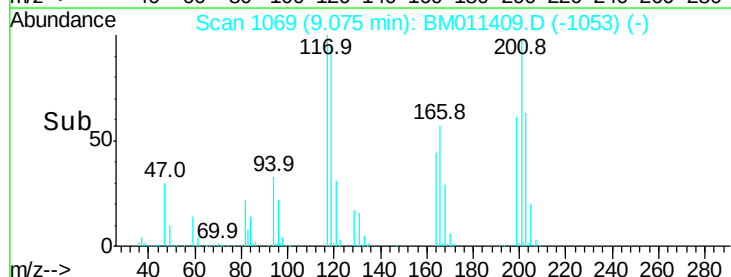
201 100.4 69.8 104.6

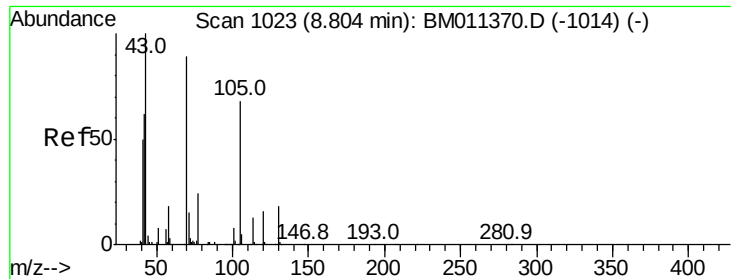


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

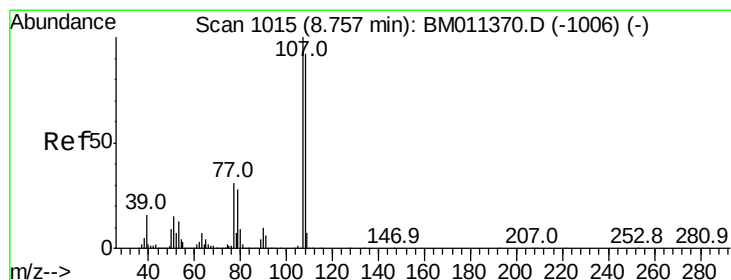
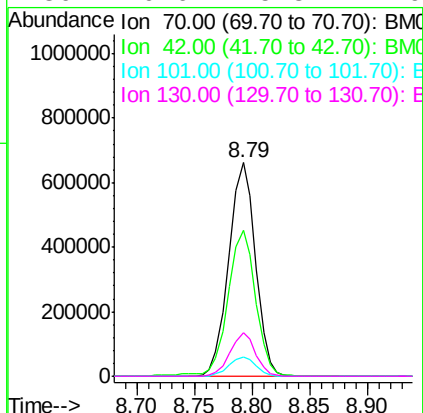
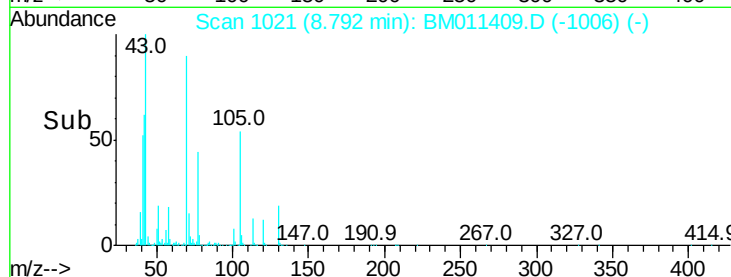
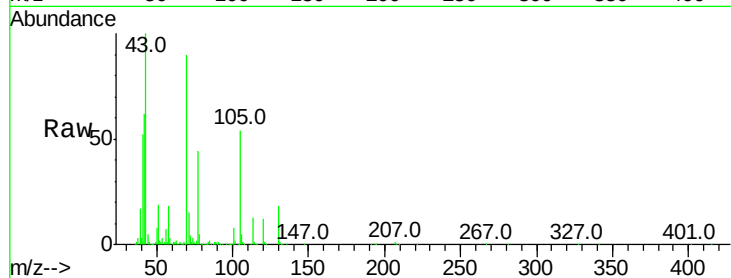




#19
n-Nitroso-di-n-propylamine
Concen: 36.844 ng
RT: 8.79 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

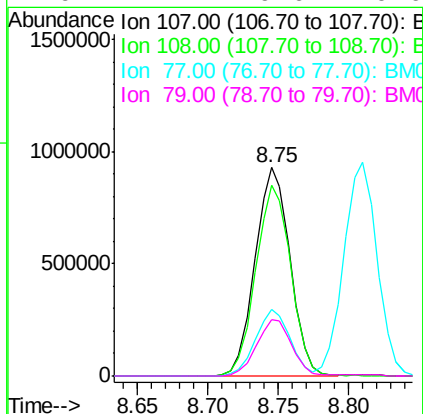
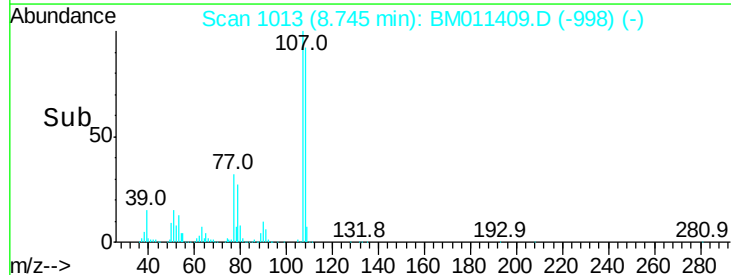
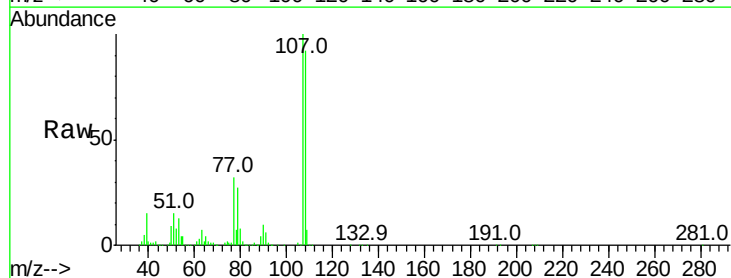
Instrument :
BNA_M
ClientSampleId :
PB102037BS

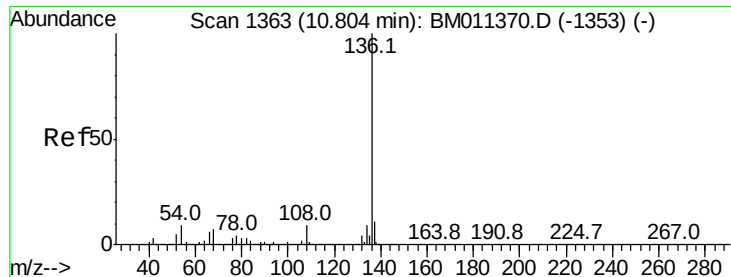
Tot Ion: 70 Resp: 1057881
Ion Ratio Lower Upper
70 100
42 68.6 44.5 66.7#
101 8.8 7.4 11.2
130 20.6 15.3 22.9



#20
3+4-Methylphenols
Concen: 42.194 ng
RT: 8.75 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

Tgt Ion:107 Resp: 1611517
Ion Ratio Lower Upper
107 100
108 91.7 73.2 113.2
77 31.9 10.7 50.7
79 27.2 9.6 49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

Tot Ion:136 Resp: 2143497

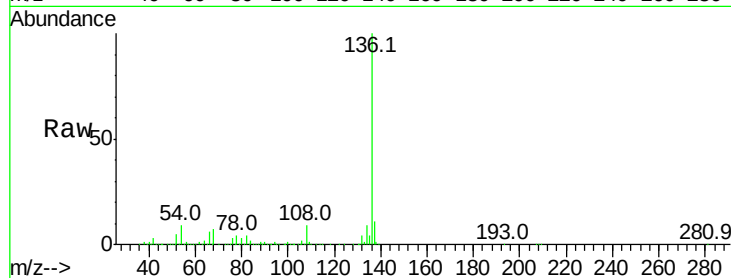
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.0	4.6	6.8#
68	7.0	3.7	5.5#

136 100

137 10.7 8.7 13.1

54 9.0 4.6 6.8#

68 7.0 3.7 5.5#

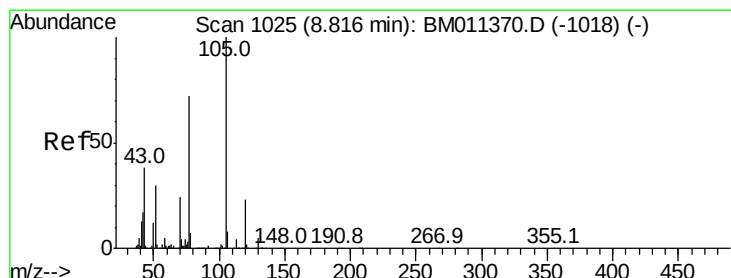
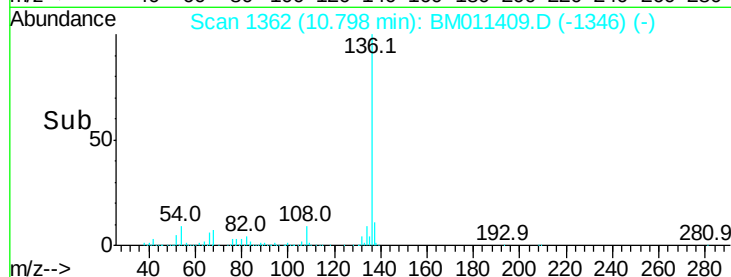
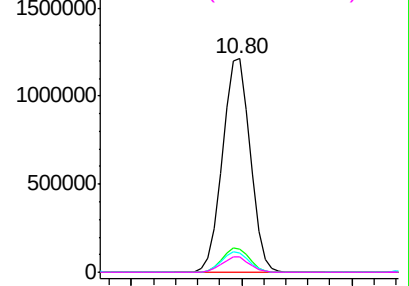


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 38.040 ng

RT: 8.81 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Tgt Ion:105 Resp: 2026131

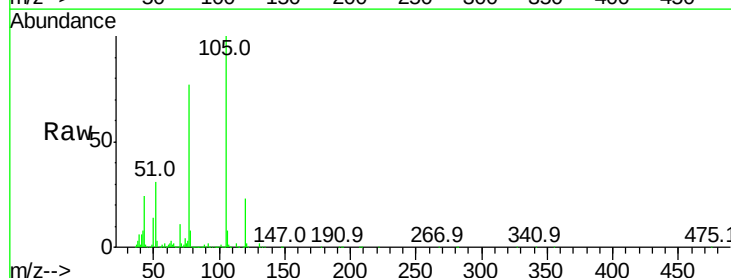
Ion	Ratio	Lower	Upper
105	100		
71	1.7	0.6	1.0#
51	31.3	21.6	32.4
120	23.3	16.1	24.1

105 100

71 1.7 0.6 1.0#

51 31.3 21.6 32.4

120 23.3 16.1 24.1

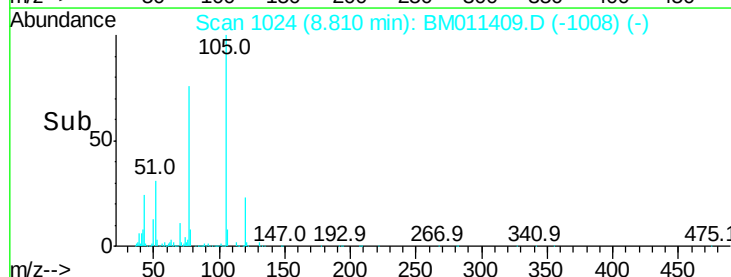
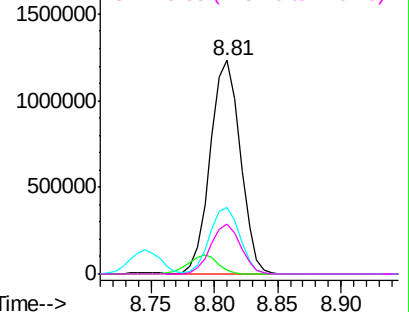


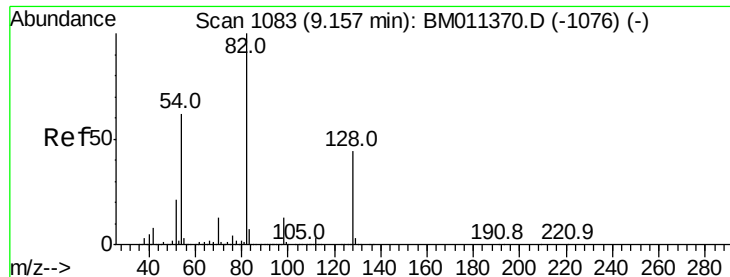
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



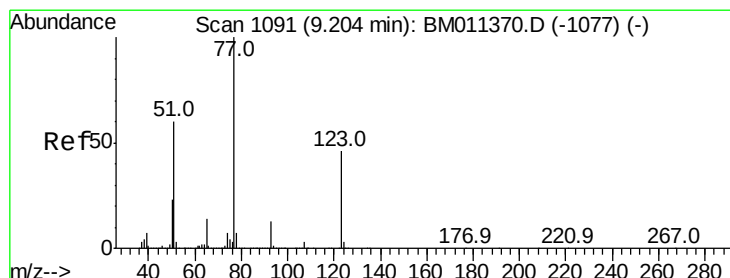
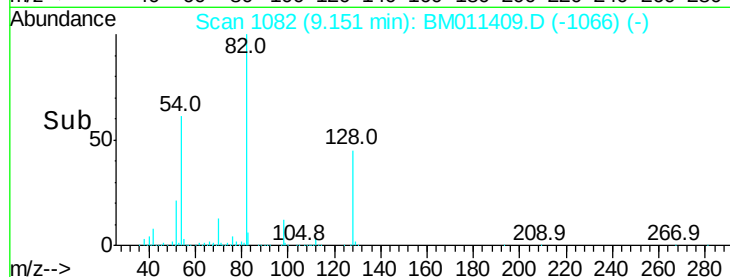
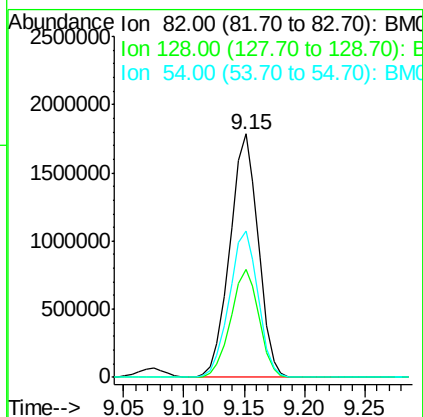
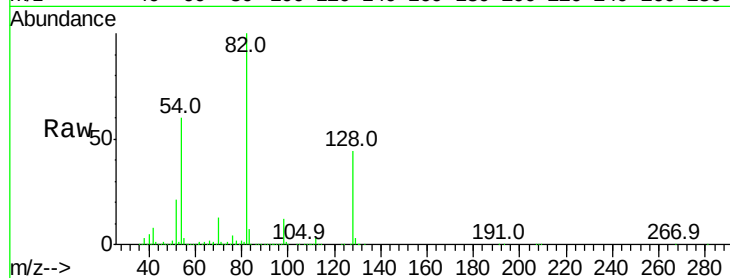


#23
 Nitrobenzene-d5
 Concen: 89.646 ng
 RT: 9.15 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BM011409.D
 Acq: 02 Sep 2017 11:17

Instrument :
 BNA_M
 ClientSampleId :
 PB102037BS

Tot Ion: 82 Resp: 2915951

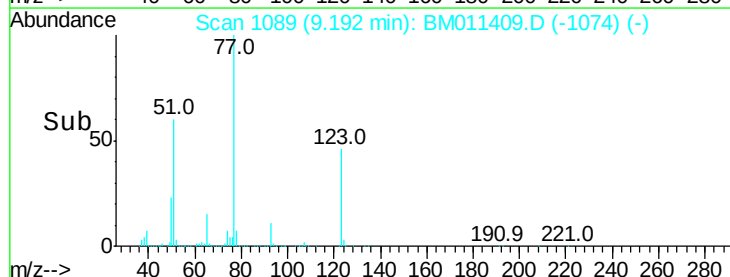
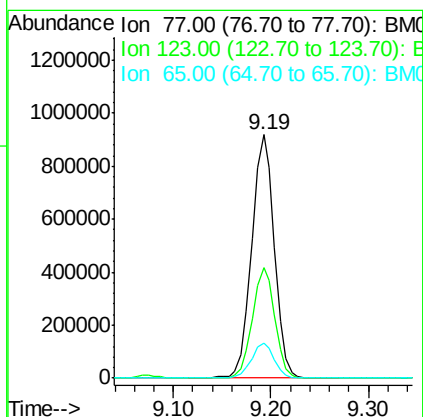
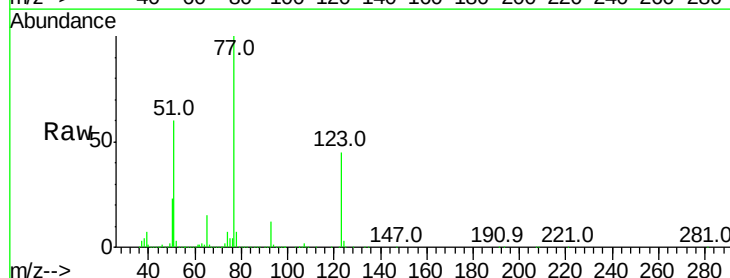
Ion	Ratio	Lower	Upper
82	100		
128	44.3	32.8	49.2
54	60.2	40.6	60.8

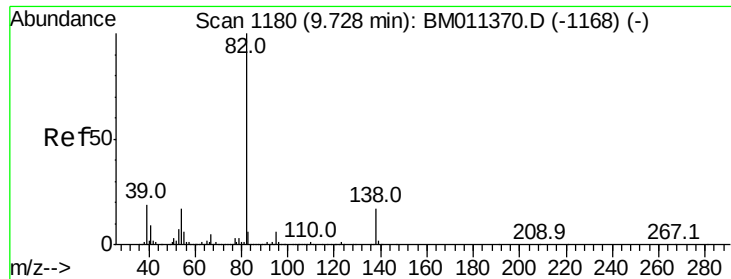


#24
 Nitrobenzene
 Concen: 41.623 ng
 RT: 9.19 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BM011409.D
 Acq: 02 Sep 2017 11:17

Tgt Ion: 77 Resp: 1491861

Ion	Ratio	Lower	Upper
77	100		
123	45.5	32.6	49.0
65	14.6	10.9	16.3





#25

Isophorone

Concen: 38.679 ng

RT: 9.72 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

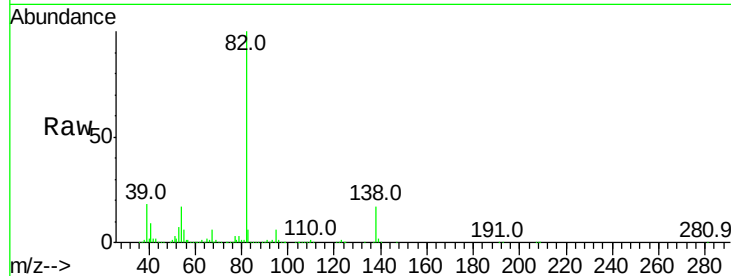
Tot Ion: 82 Resp: 2819003

Ion Ratio Lower Upper

82 100

95 6.0 5.8 8.6

138 16.7 16.3 24.5

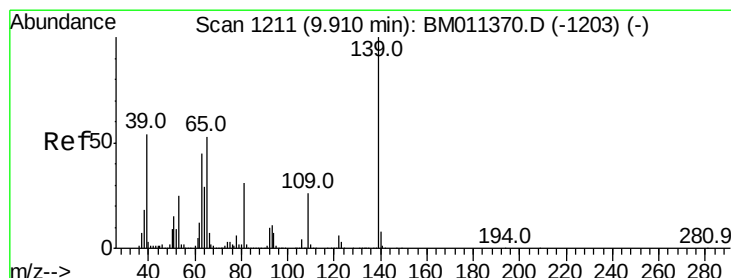
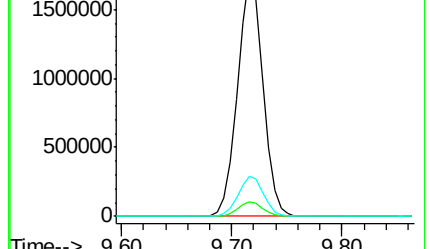
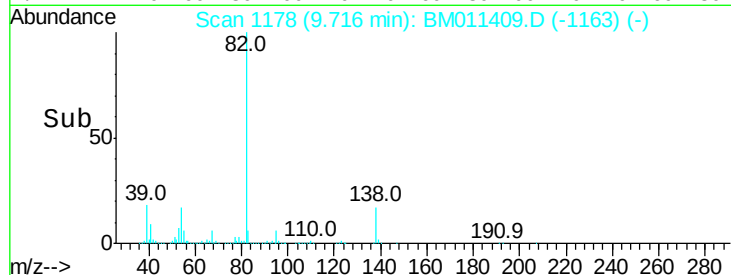


Abundance Ion 82.00 (81.70 to 82.70): BM011370.D (-1168) (-)

Ion 95.00 (94.70 to 95.70): BM011370.D (-1168) (-)

Ion 138.00 (137.70 to 138.70): BM011370.D (-1168) (-)

Time-->



#26

2-Nitrophenol

Concen: 40.499 ng

RT: 9.90 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

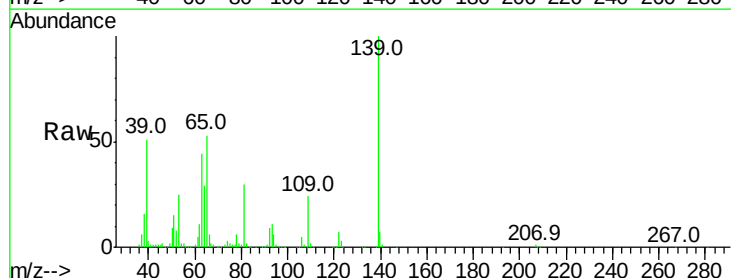
Tgt Ion: 139 Resp: 613555

Ion Ratio Lower Upper

139 100

109 23.8 20.1 30.1

65 52.8 31.5 47.3#

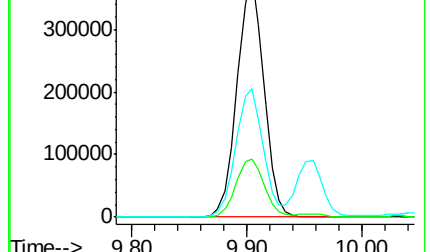
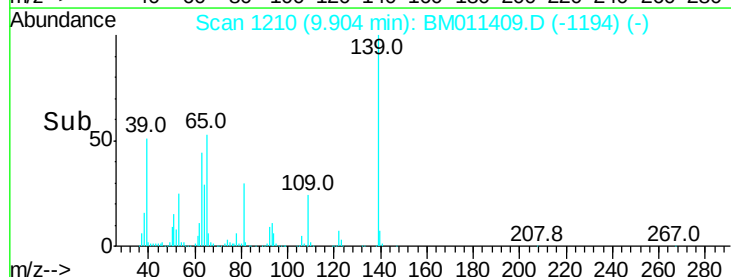


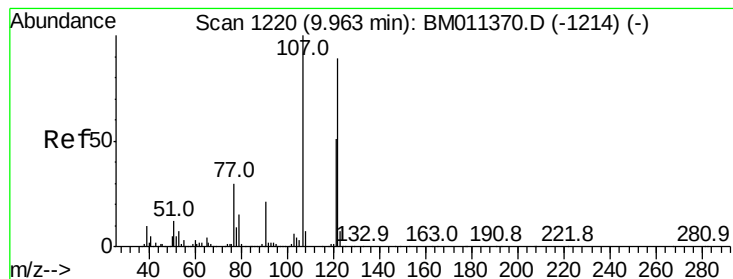
Abundance Ion 139.00 (138.70 to 139.70): BM011370.D (-1203) (-)

Ion 109.00 (108.70 to 109.70): BM011370.D (-1203) (-)

Ion 65.00 (64.70 to 65.70): BM011370.D (-1203) (-)

Time-->





#27

2,4-Dimethylphenol

Concen: 39.843 ng

RT: 9.96 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

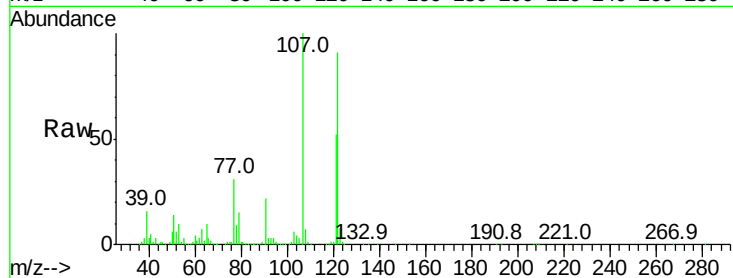
Tot Ion:122 Resp: 1354026

Ion Ratio Lower Upper

122 100

107 110.4 84.7 127.1

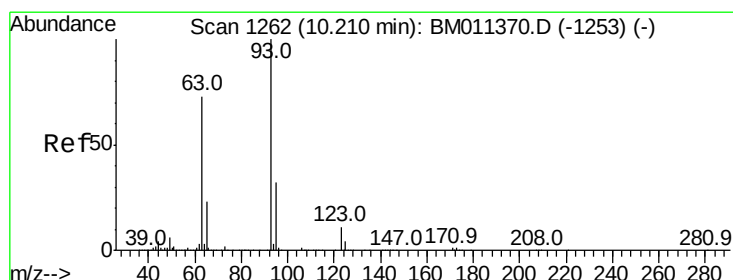
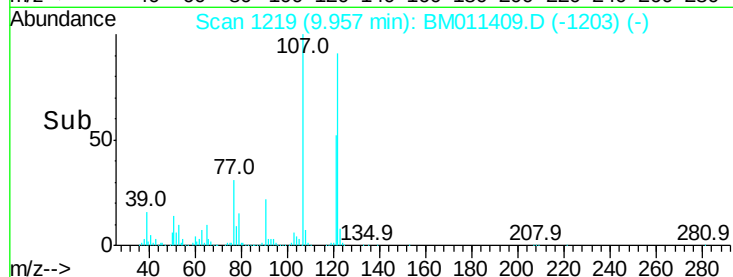
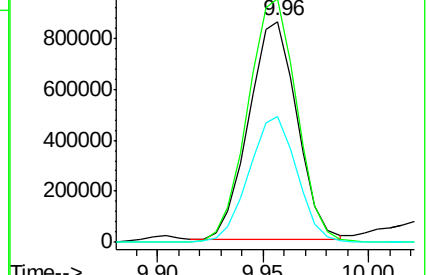
121 57.1 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.458 ng

RT: 10.20 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

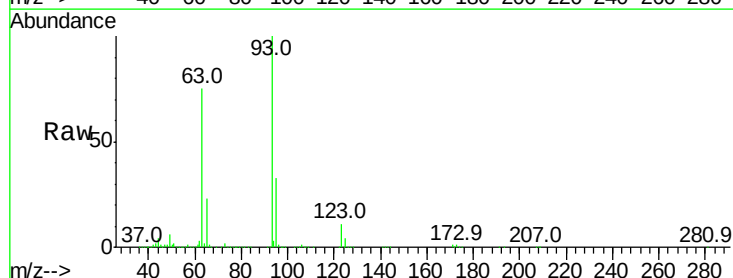
Tgt Ion: 93 Resp: 1862985

Ion Ratio Lower Upper

93 100

95 32.8 25.5 38.3

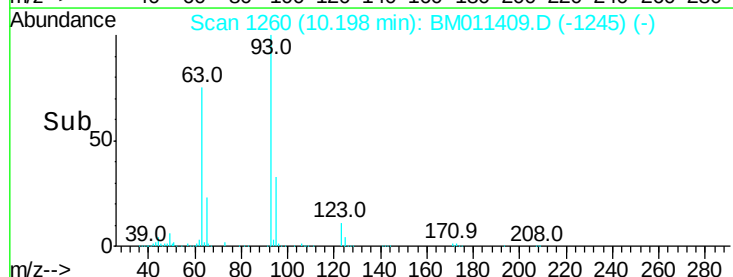
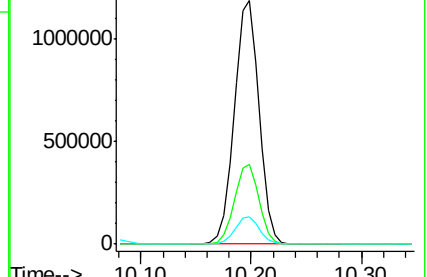
123 11.2 8.6 13.0

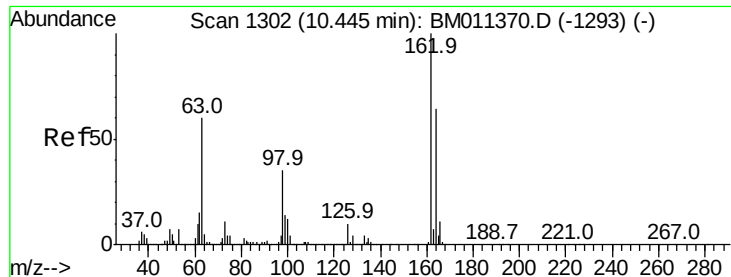


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

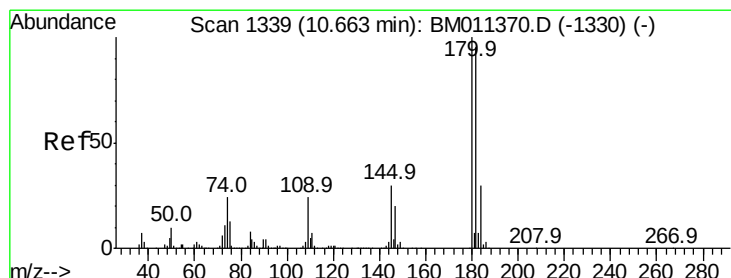
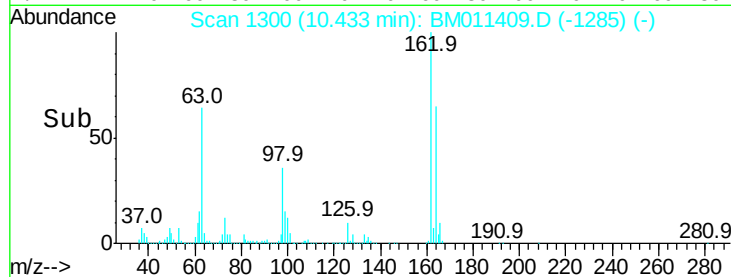
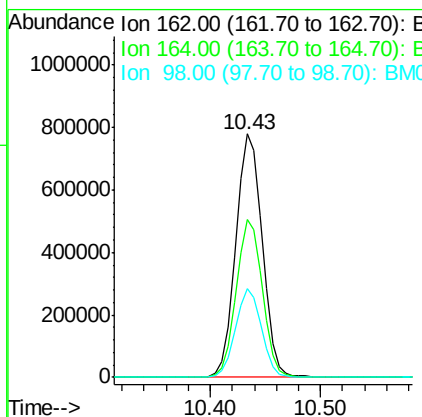
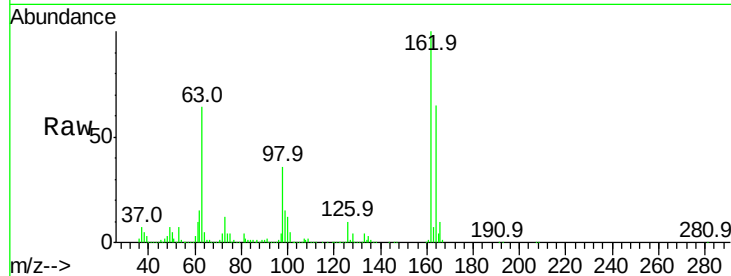




#29
 2,4-Dichlorophenol
 Concen: 41.443 ng
 RT: 10.43 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BM011409.D
 Acq: 02 Sep 2017 11:17

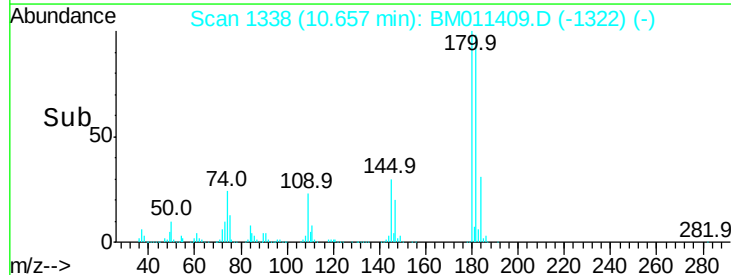
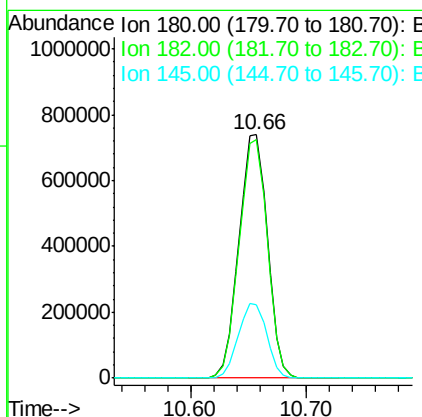
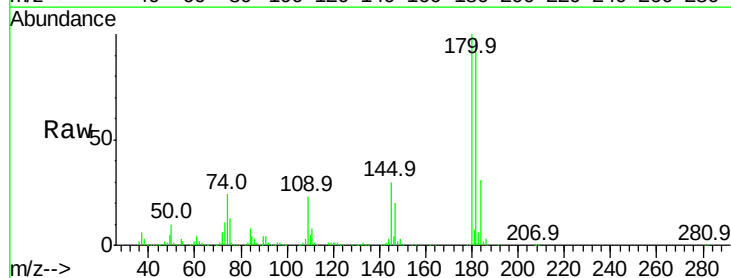
Instrument :
 BNA_M
 ClientSampleId :
 PB102037BS

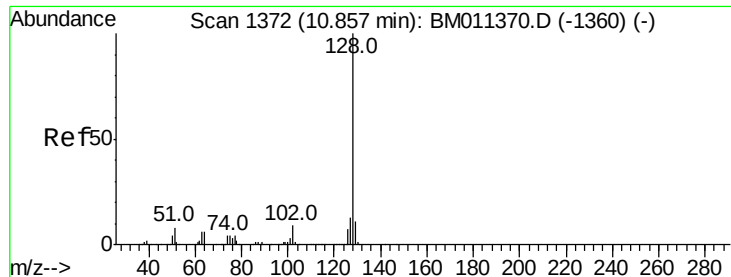
Tot Ion:162 Resp: 1317683
 Ion Ratio Lower Upper
 162 100
 164 64.9 42.8 82.8
 98 36.2 14.5 54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 36.146 ng
 RT: 10.66 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BM011409.D
 Acq: 02 Sep 2017 11:17

Tgt Ion:180 Resp: 1272235
 Ion Ratio Lower Upper
 180 100
 182 98.1 77.6 116.4
 145 30.4 23.4 35.2





#31

Naphthalene

Concen: 37.069 ng

RT: 10.85 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

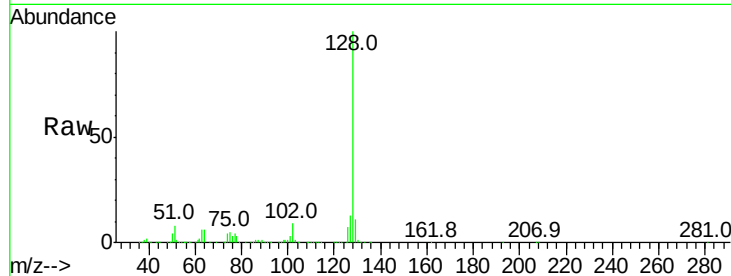
BNA_M

ClientSampleId :

PB102037BS

Tot Ion:128 Resp: 4289970

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.8	10.4	15.6

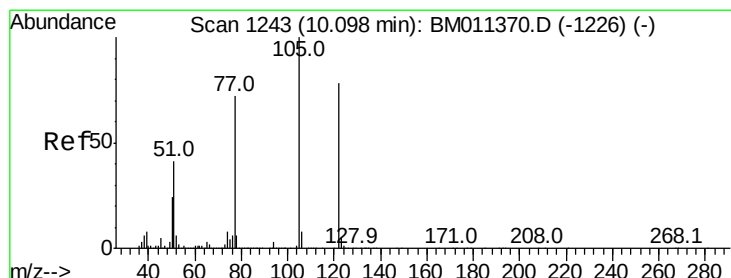
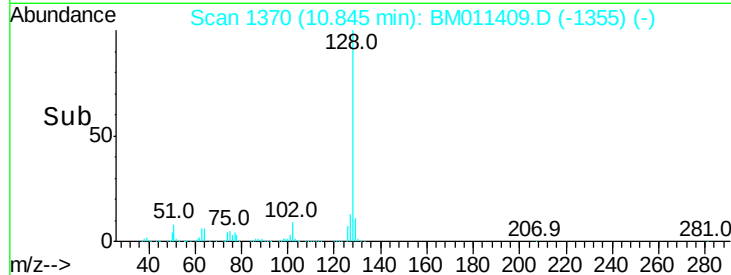
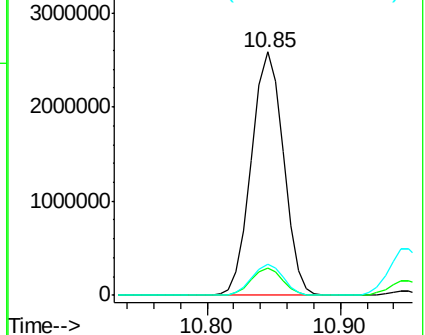


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.976 ng

RT: 10.08 min Scan# 1240

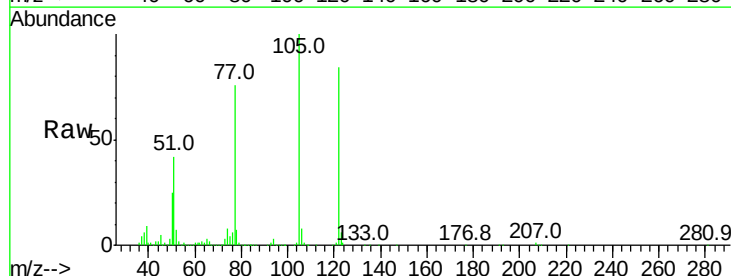
Delta R.T. -0.02 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Tgt Ion:122 Resp: 812793

Ion	Ratio	Lower	Upper
122	100		
105	119.7	99.9	139.9
77	90.4	73.7	113.7

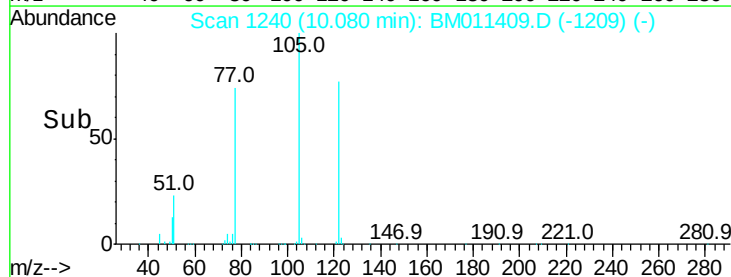
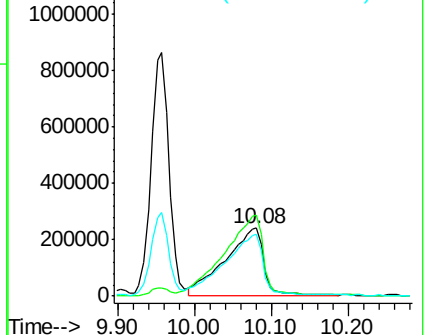


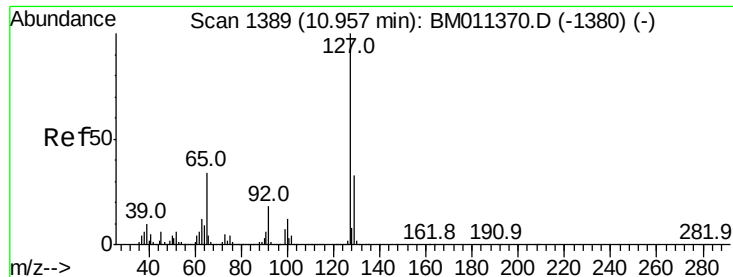
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

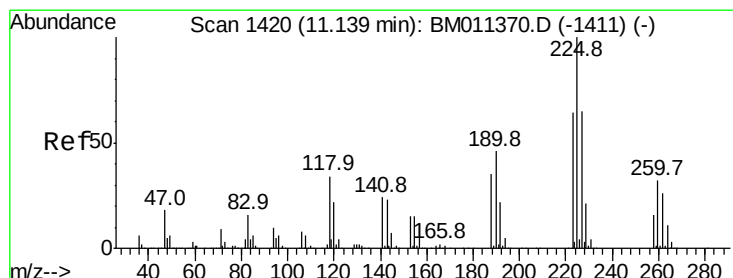
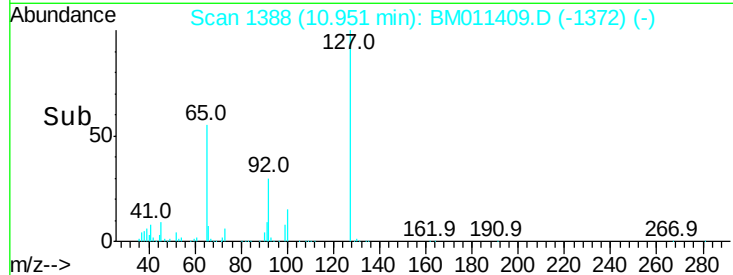
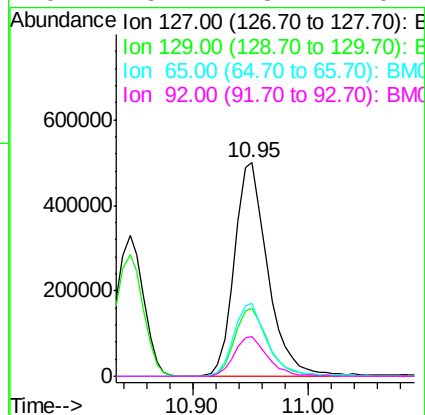
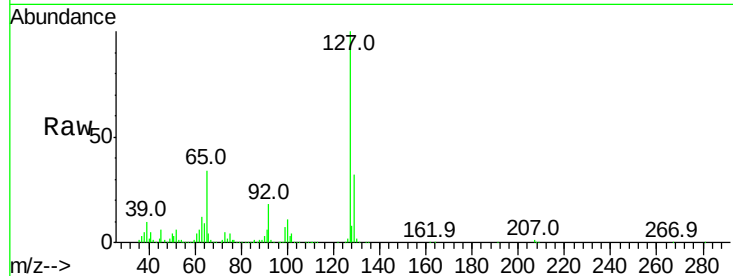




#33
4-Chloroaniline
Concen: 19.675 ng
RT: 10.95 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

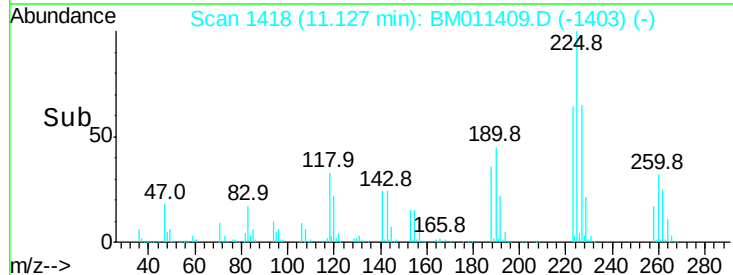
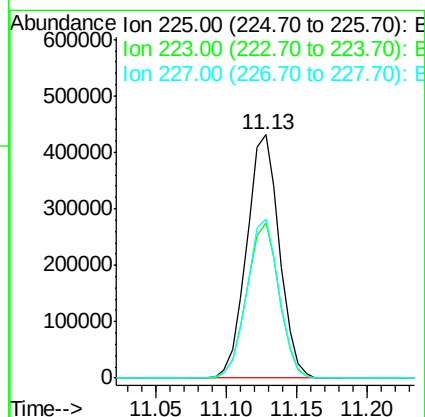
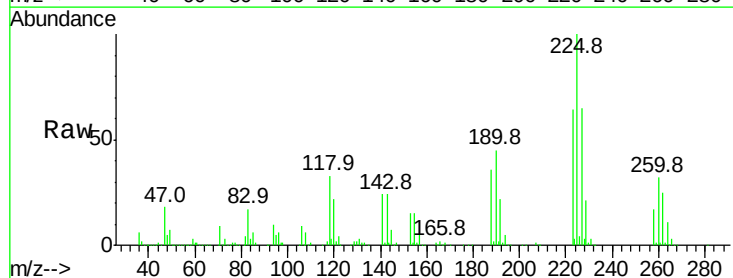
Instrument :
BNA_M
ClientSampleId :
PB102037BS

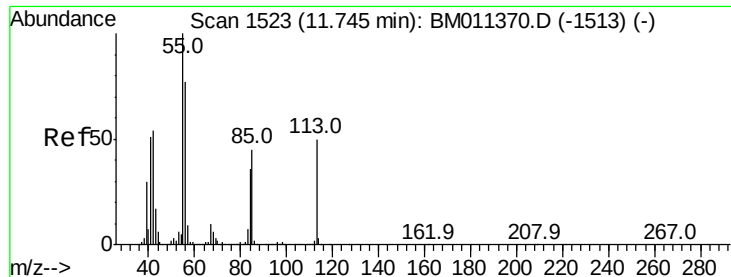
Tot Ion:	127	Resp:	996110
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.3	37.9
65	34.2	17.6	26.4
92	18.4	13.1	19.7



#34
Hexachlorobutadiene
Concen: 34.883 ng
RT: 11.13 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

Tgt Ion:	225	Resp:	699554
Ion	Ratio	Lower	Upper
225	100		
223	63.8	47.9	71.9
227	65.2	50.1	75.1





#35

Caprolactam

Concen: 27.029 ng

RT: 11.73 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

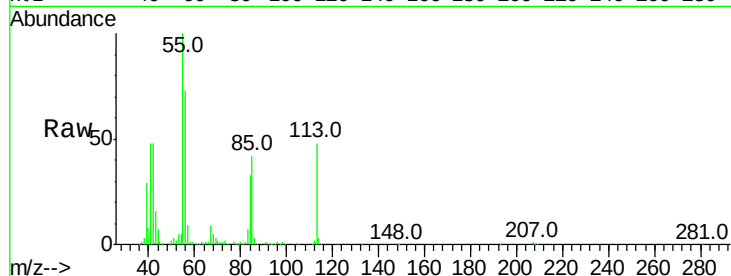
Tot Ion:113 Resp: 309497

Ion Ratio Lower Upper

113 100

55 207.3 145.9 185.9#

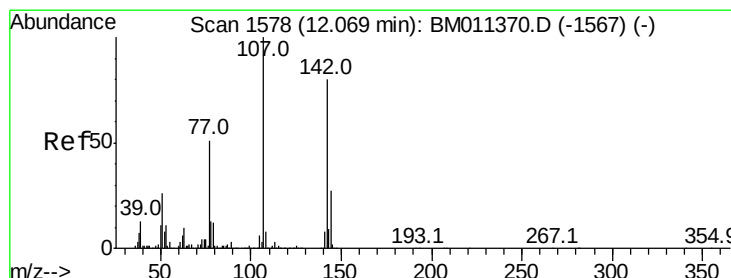
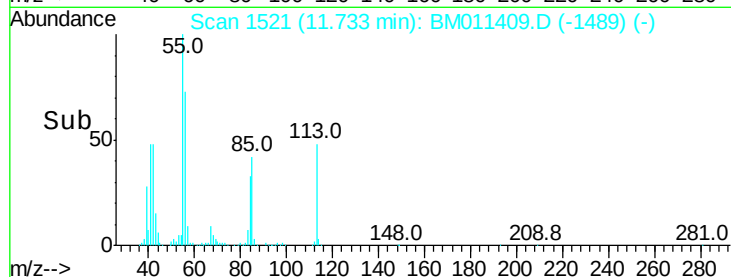
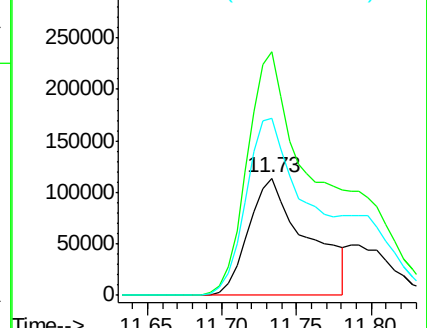
56 150.7 101.0 141.0#



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: 38.141 ng

RT: 12.06 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

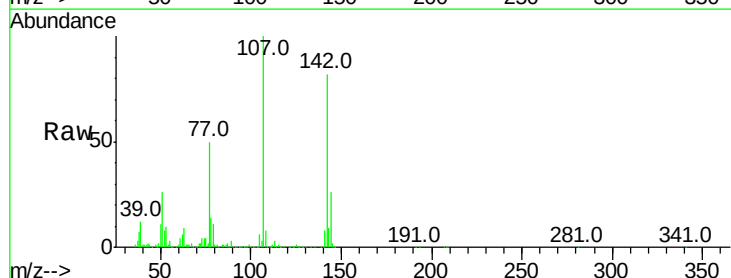
Tgt Ion:107 Resp: 1424329

Ion Ratio Lower Upper

107 100

144 26.4 23.3 34.9

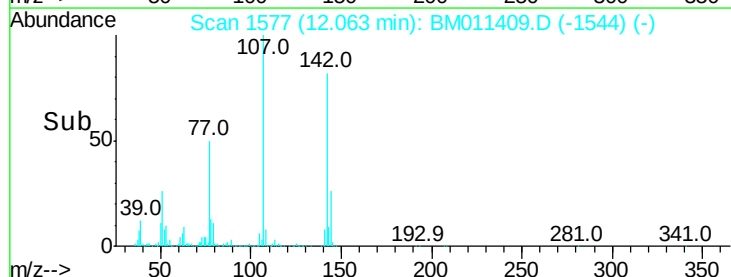
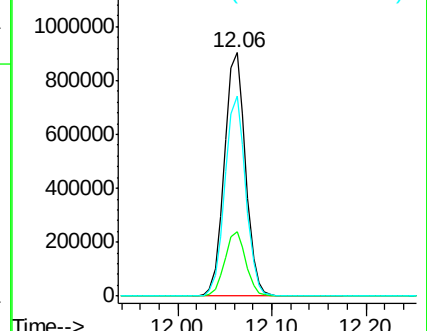
142 82.2 72.6 109.0

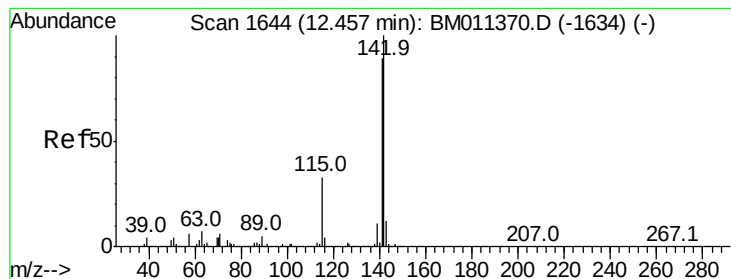


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.579 ng

RT: 12.45 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

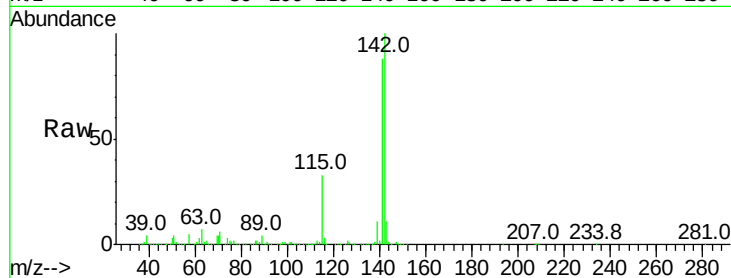
Tot Ion:142 Resp: 3107578

Ion Ratio Lower Upper

142 100

141 88.0 71.9 107.9

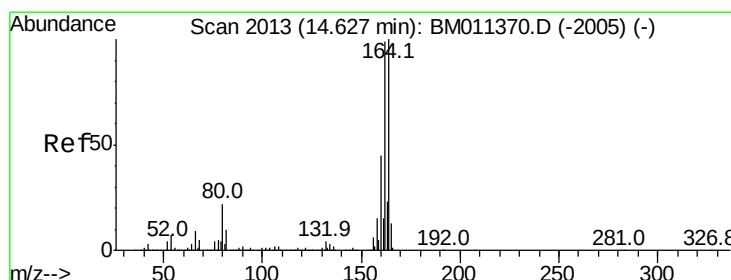
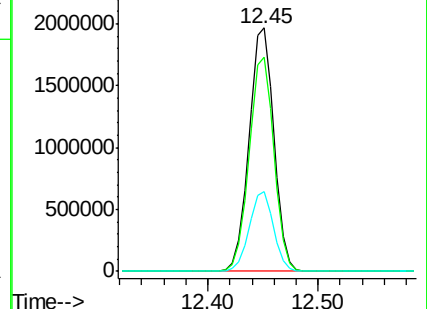
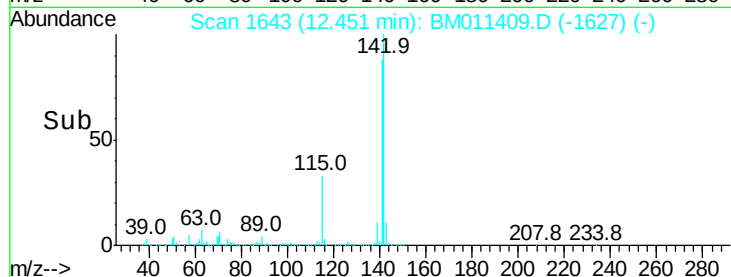
115 32.6 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

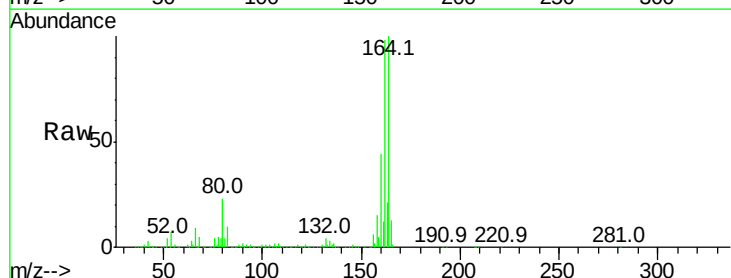
Tgt Ion:164 Resp: 1241200

Ion Ratio Lower Upper

164 100

162 98.1 82.4 123.6

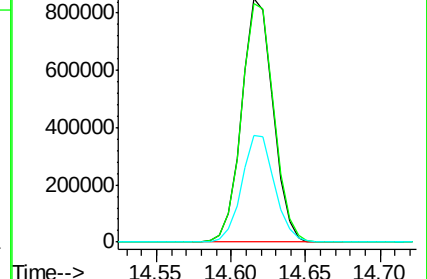
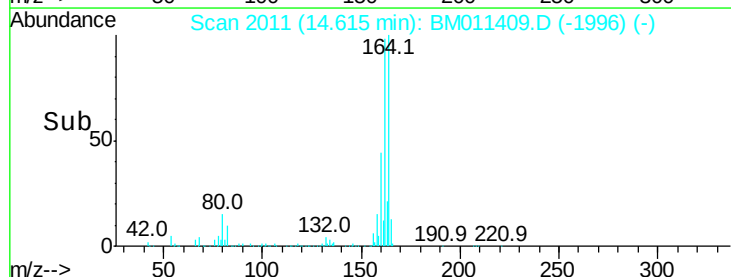
160 43.7 35.8 53.6

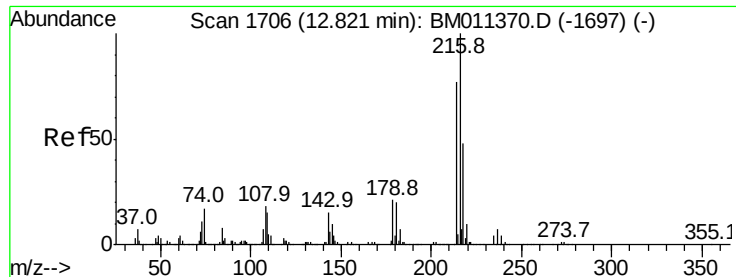


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.137 ng

RT: 12.82 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

Tot Ion:216 Resp: 1349796

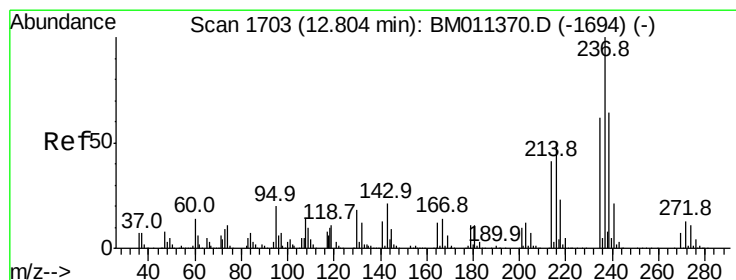
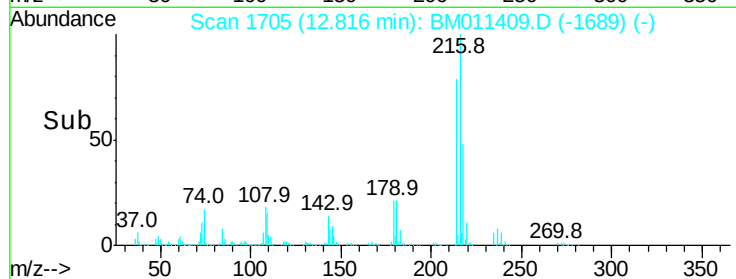
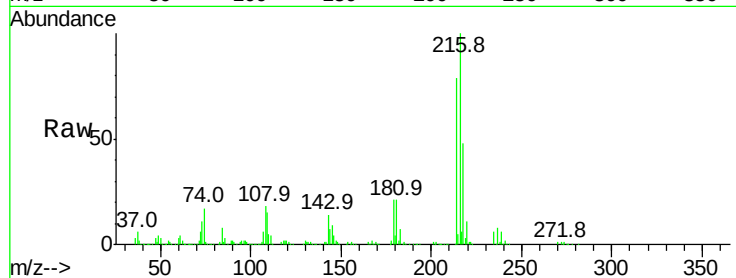
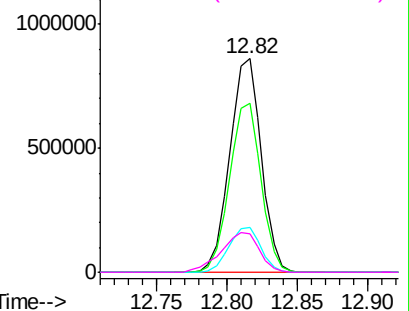
Ion	Ratio	Lower	Upper
216	100		
214	78.9	0.0	0.0#
179	21.3	0.0	0.0#
108	22.4	0.0	0.0#

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 100.340 ng

RT: 12.79 min Scan# 1701

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

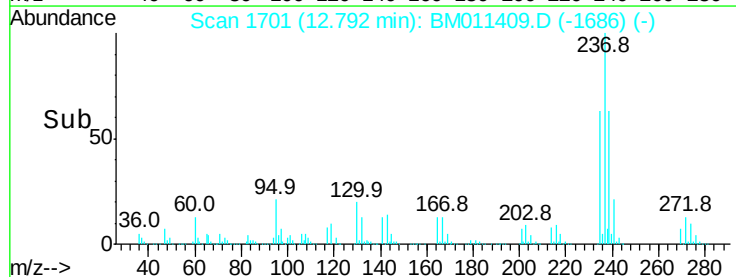
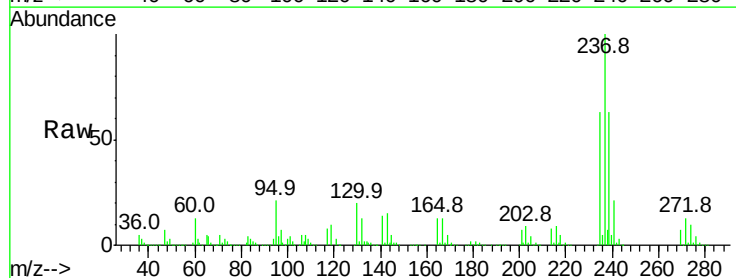
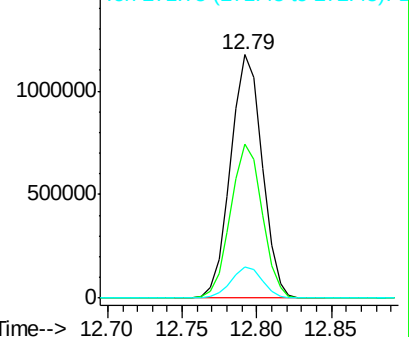
Tgt Ion:237 Resp: 1718107

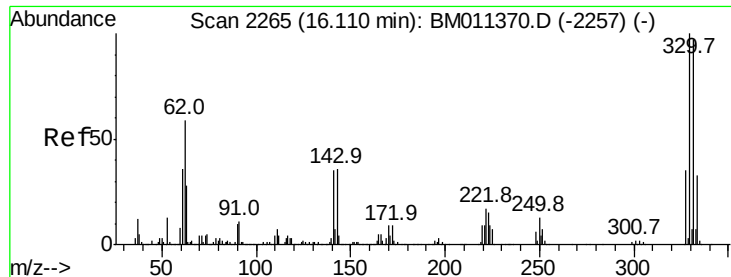
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.0	82.0
272	13.0	0.0	33.4

Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

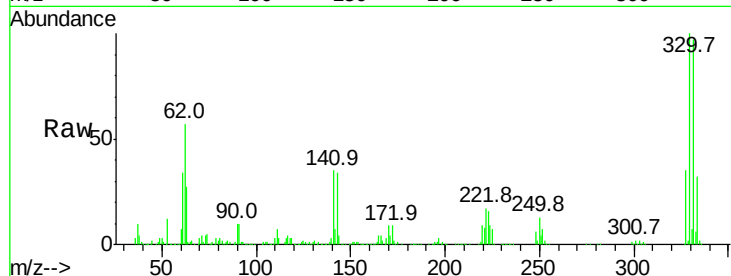




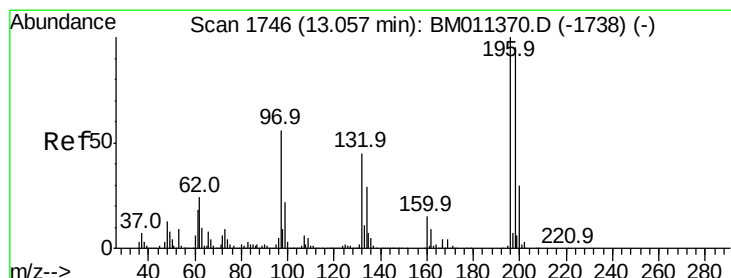
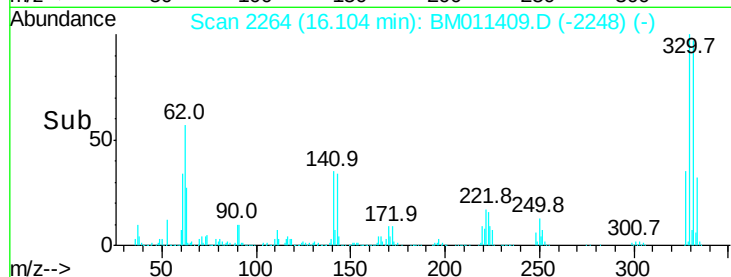
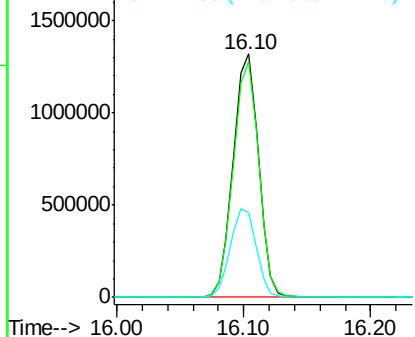
#41
 2,4,6-Tribromophenol
 Concen: 127.460 ng
 RT: 16.10 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BM011409.D
 Acq: 02 Sep 2017 11:17

Instrument :
 BNA_M
 ClientSampleId :
 PB102037BS

Tot Ion:330 Resp: 1830346
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 37.4 0.0 0.0#

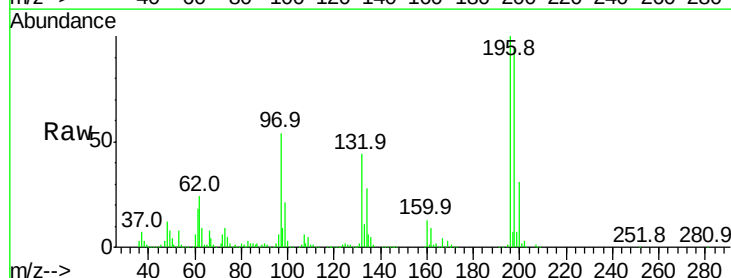


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

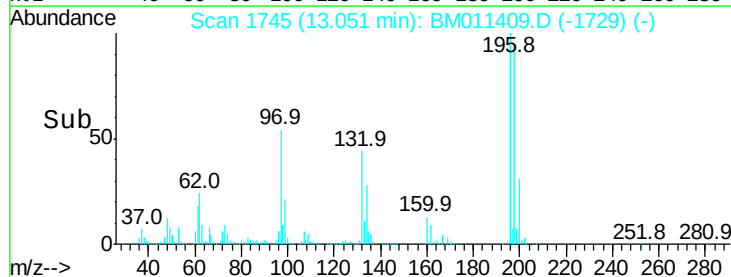
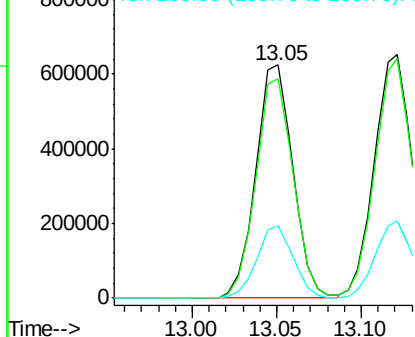


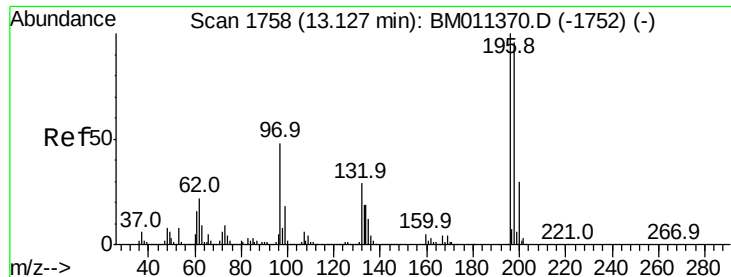
#42
 2,4,6-Trichlorophenol
 Concen: 38.808 ng
 RT: 13.05 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BM011409.D
 Acq: 02 Sep 2017 11:17

Tgt Ion:196 Resp: 959525
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.3 114.5
 200 31.2 25.6 38.4



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

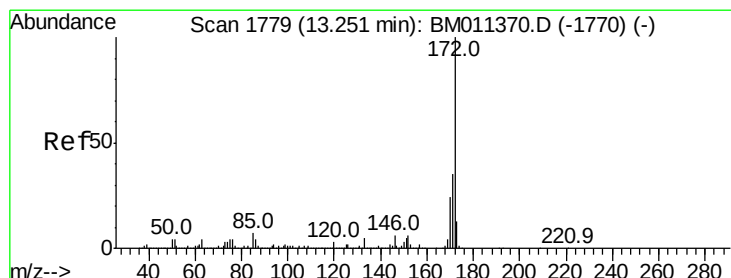
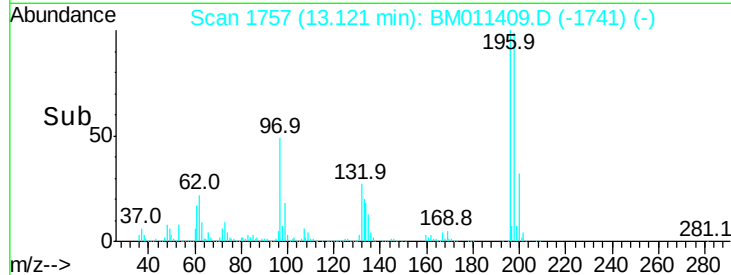
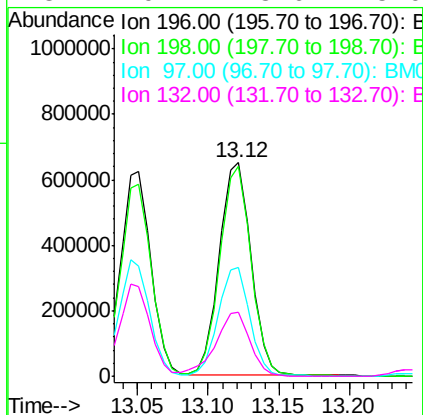
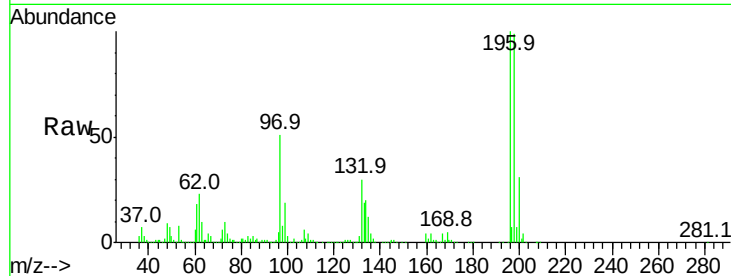




#43
2,4,5-Trichlorophenol
Concen: 40.597 ng
RT: 13.12 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

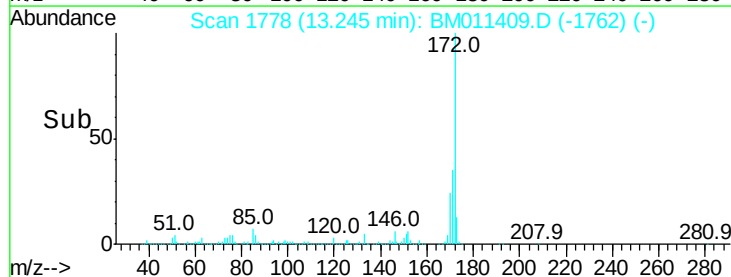
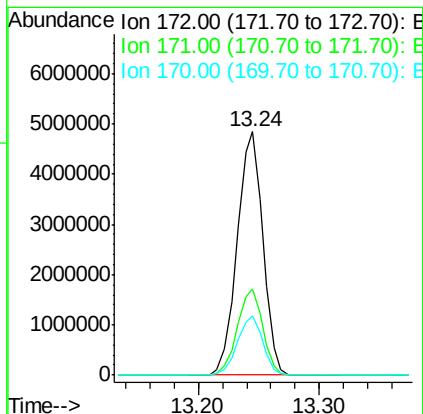
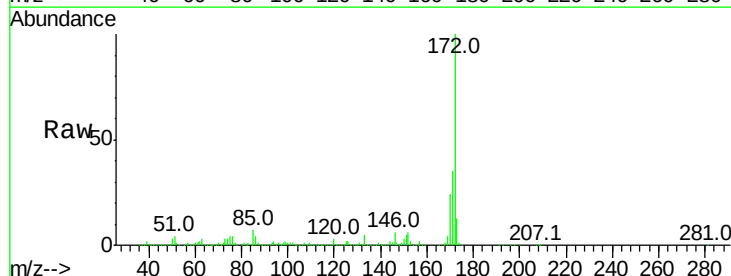
Instrument :
BNA_M
ClientSampleId :
PB102037BS

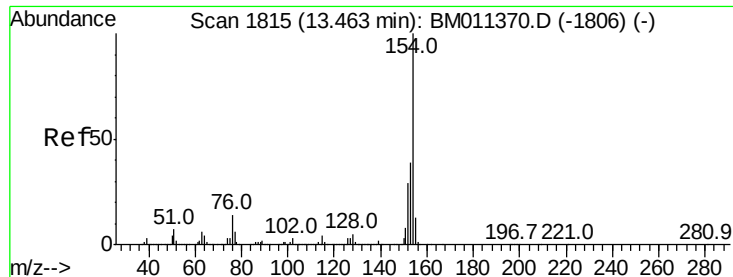
Tot Ion:196 Resp: 1019436
Ion Ratio Lower Upper
196 100
198 98.5 79.4 119.0
97 50.7 26.8 40.2#
132 29.7 18.6 28.0#



#44
2-Fluorobiphenyl
Concen: 83.184 ng
RT: 13.24 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

Tgt Ion:172 Resp: 7162640
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.3 18.8 28.2





#45

1,1'-Biphenyl

Concen: 34.933 ng

RT: 13.46 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

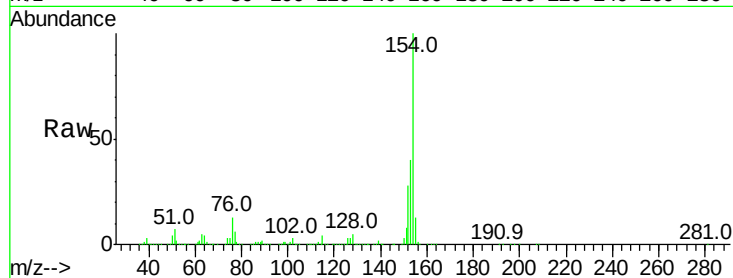
BNA_M

ClientSampleId :

PB102037BS

Tot Ion:154 Resp: 3849243

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.7	60.7
76	13.3	0.0	30.9

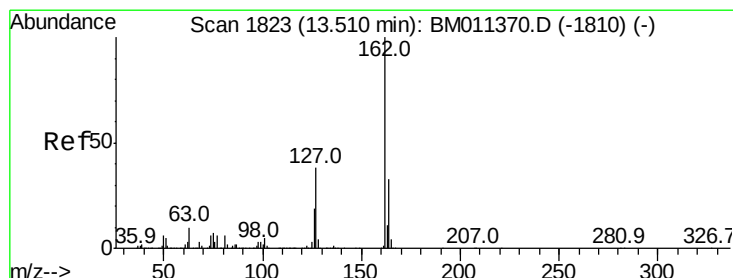
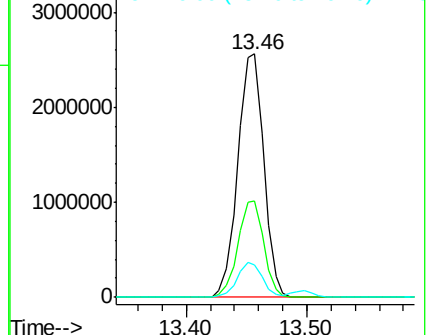
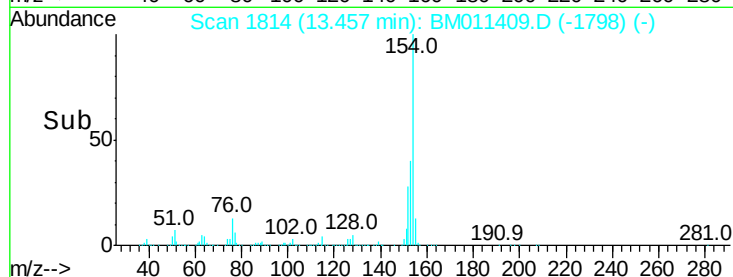


Abundance

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: 35.725 ng

RT: 13.50 min Scan# 1821

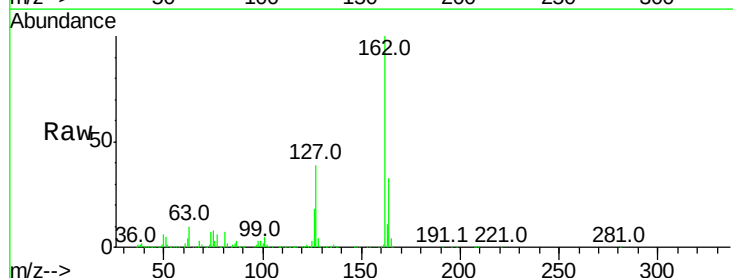
Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Tgt Ion:162 Resp: 2924313

Ion	Ratio	Lower	Upper
162	100		
127	38.5	26.9	40.3
164	32.6	26.8	40.2

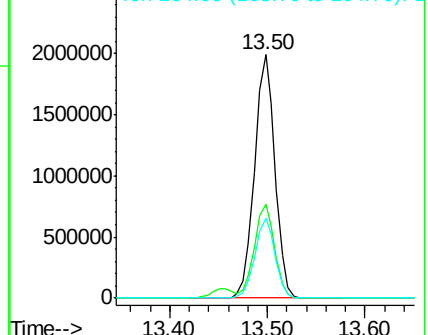
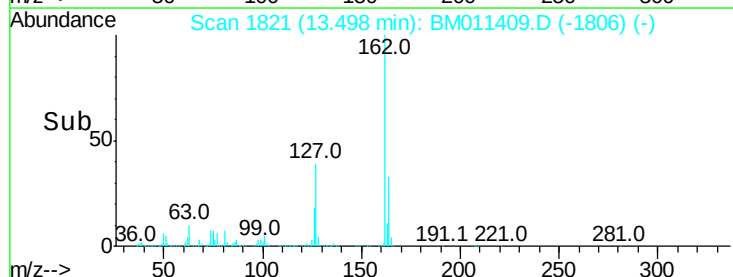


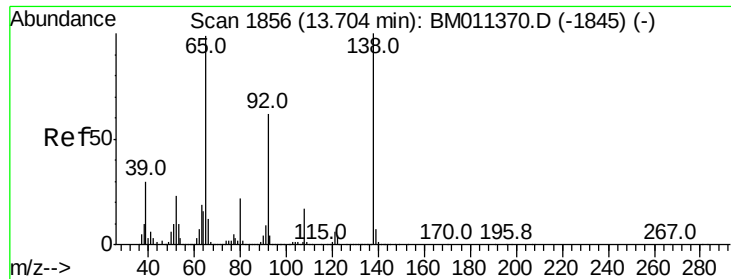
Abundance

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: 38.284 ng

RT: 13.69 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

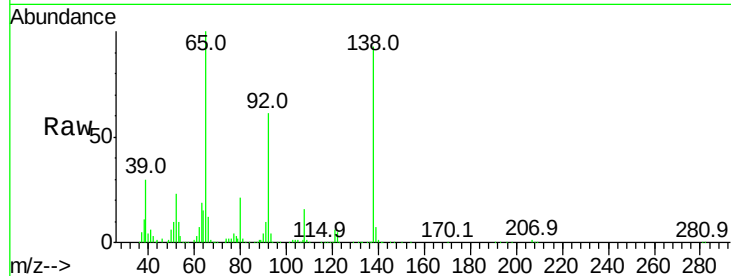
Tot Ion: 65 Resp: 962062

Ion Ratio Lower Upper

65 100

92 61.0 59.1 88.7

138 93.2 93.9 140.9#

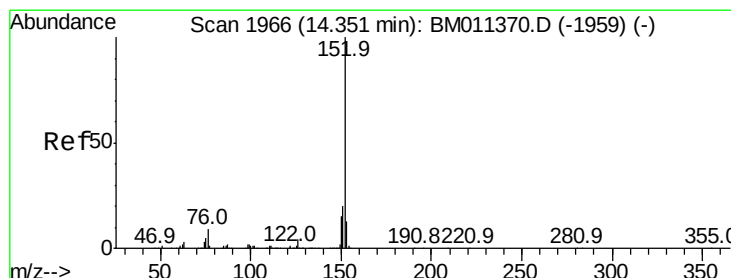
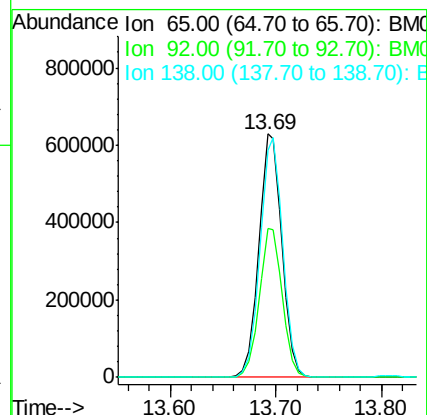
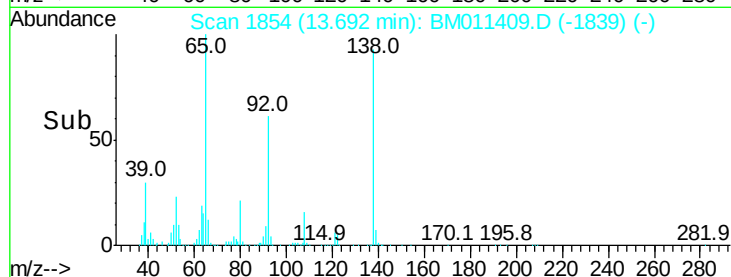


Abundance Ion 65.00 (64.70 to 65.70): BM011370.D (-1845) (-)

Ion 92.00 (91.70 to 92.70): BM011370.D (-1845) (-)

Ion 138.00 (137.70 to 138.70): BM011370.D (-1845) (-)

13.69



#48

Acenaphthylene

Concen: 37.128 ng

RT: 14.34 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

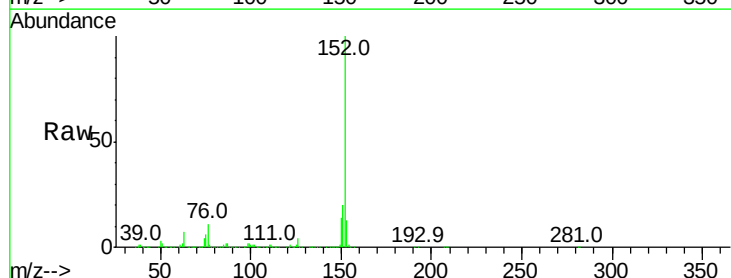
Tgt Ion: 152 Resp: 4735335

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.4 10.6 16.0

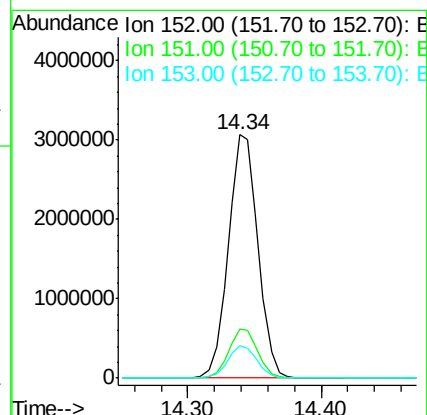
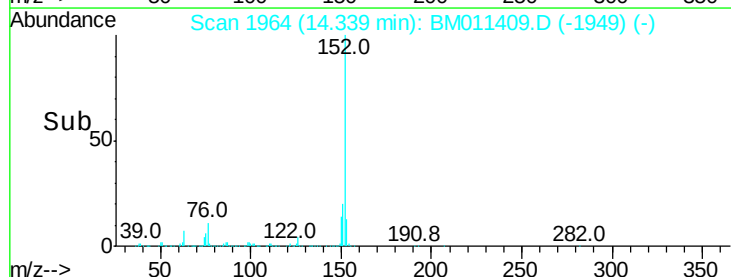


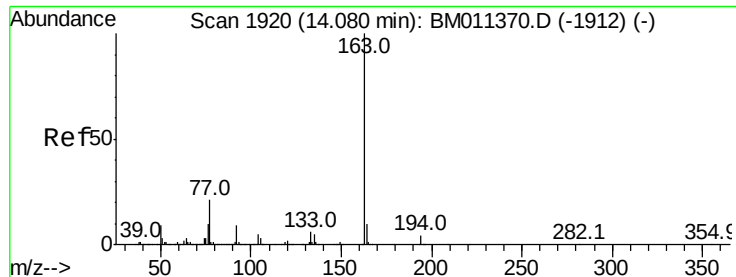
Abundance Ion 152.00 (151.70 to 152.70): BM011370.D (-1959) (-)

Ion 151.00 (150.70 to 151.70): BM011370.D (-1959) (-)

Ion 153.00 (152.70 to 153.70): BM011370.D (-1959) (-)

14.34





#49

Dimethylphthalate

Concen: 37.149 ng

RT: 14.07 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

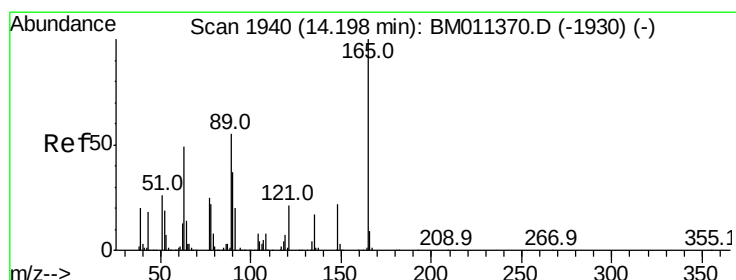
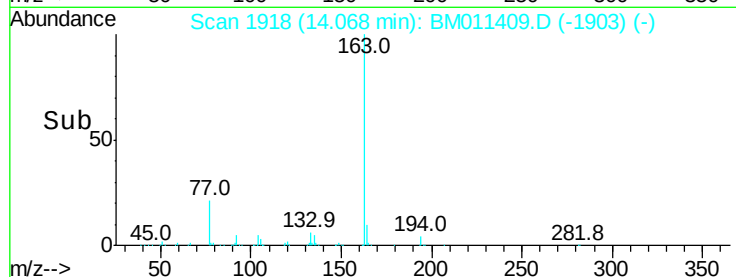
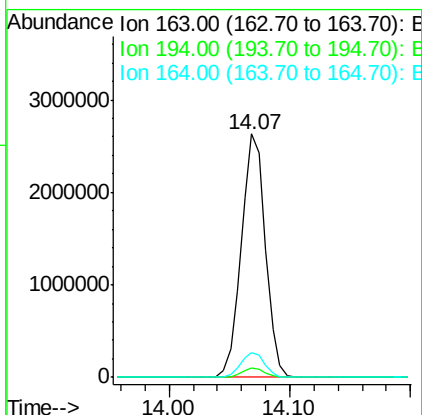
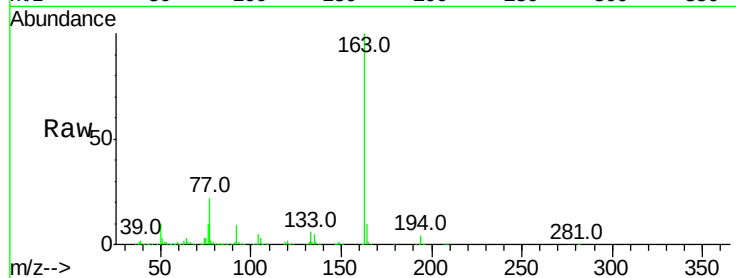
Tot Ion:163 Resp: 3663863

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

164 10.4 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 40.193 ng

RT: 14.19 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

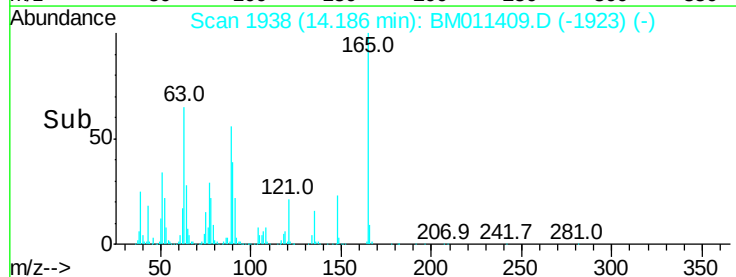
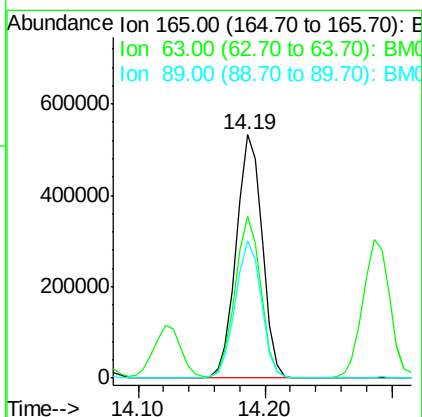
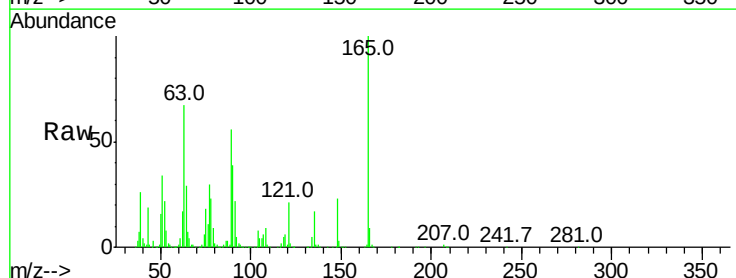
Tgt Ion:165 Resp: 750575

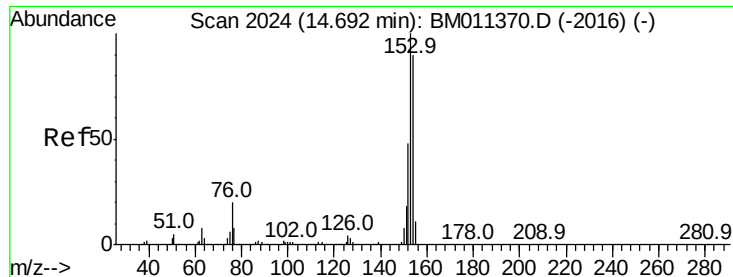
Ion Ratio Lower Upper

165 100

63 66.6 44.1 66.1#

89 56.5 44.3 66.5





#51

Acenaphthene

Concen: 35.600 ng

RT: 14.68 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

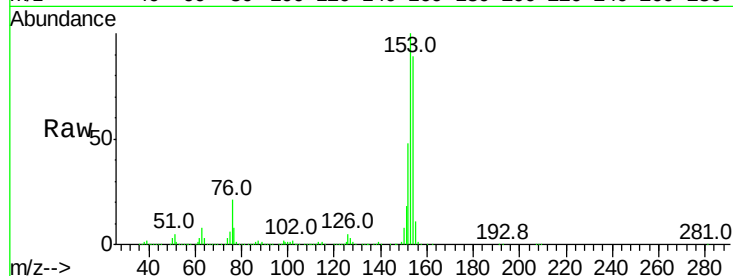
Tot Ion:154 Resp: 2948336

Ion Ratio Lower Upper

154 100

153 111.8 90.0 135.0

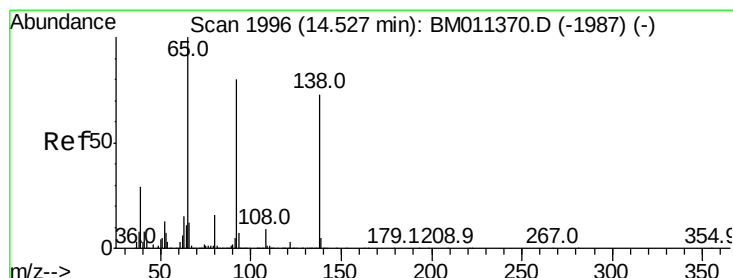
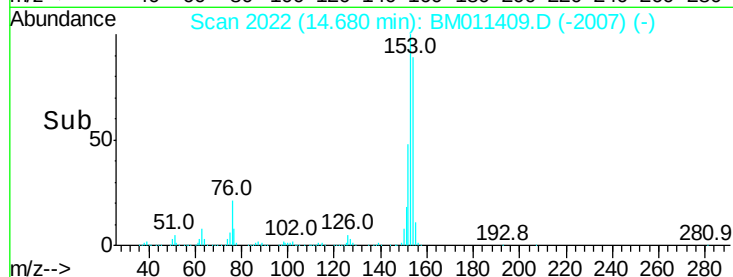
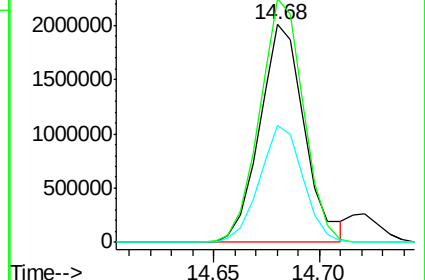
152 53.8 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.574 ng

RT: 14.52 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

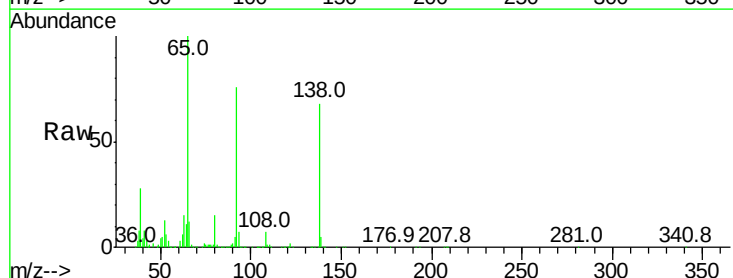
Tgt Ion:138 Resp: 862882

Ion Ratio Lower Upper

138 100

108 10.8 7.3 10.9

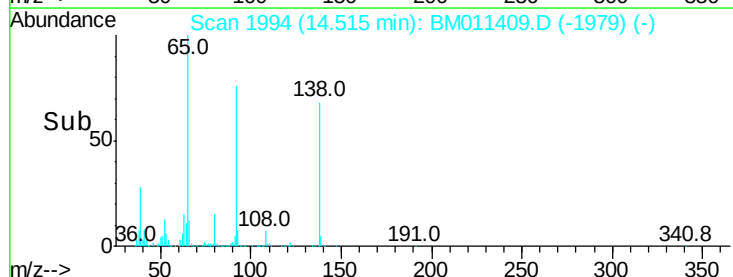
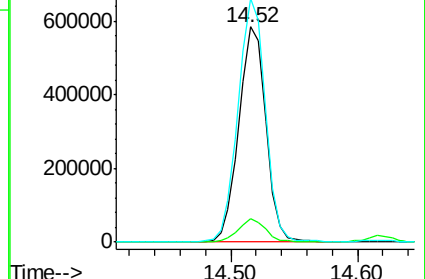
92 113.2 76.6 114.8

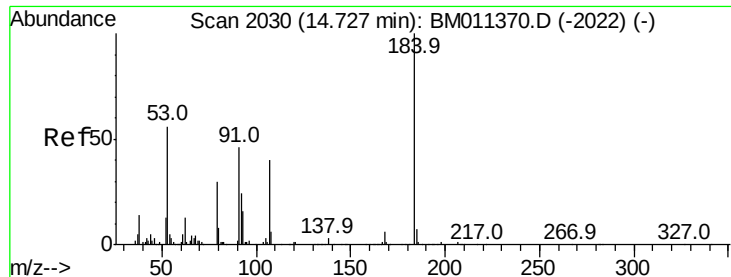


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#53

2,4-Dinitrophenol

Concen: 75.922 ng

RT: 14.72 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

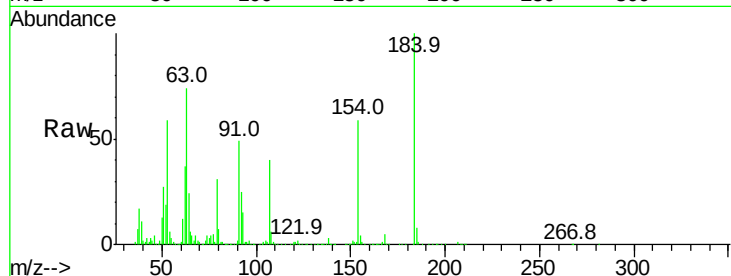
Tot Ion:184 Resp: 616349

Ion Ratio Lower Upper

184 100

63 73.6 69.2 103.8

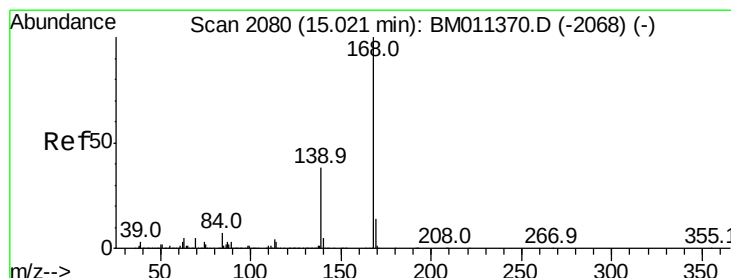
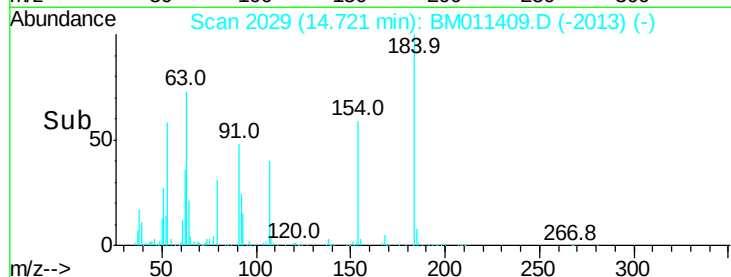
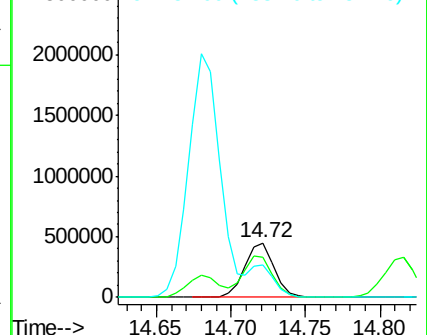
154 59.2 53.3 79.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM011370.D (-2022) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.396 ng

RT: 15.02 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

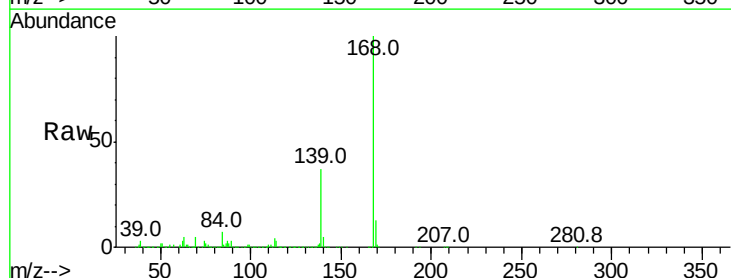
Tgt Ion:168 Resp: 4498990

Ion Ratio Lower Upper

168 100

139 37.5 27.3 40.9

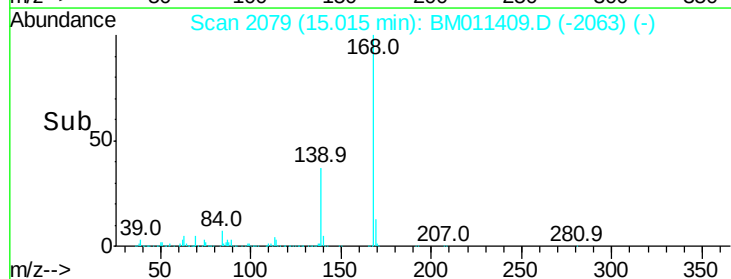
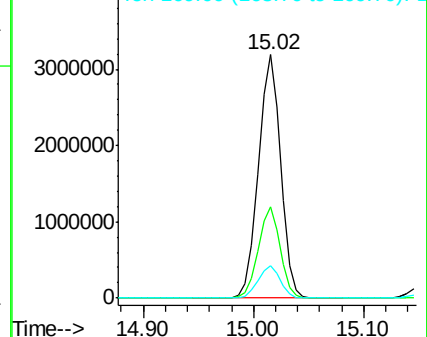
169 13.3 10.6 16.0

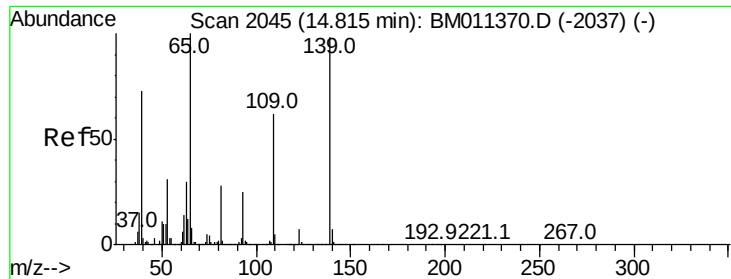


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

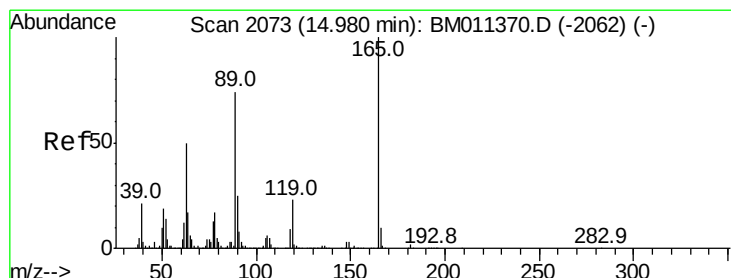
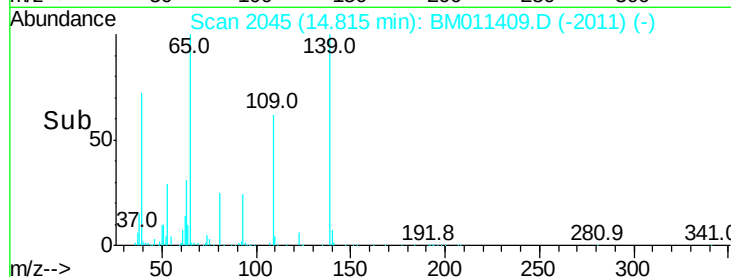
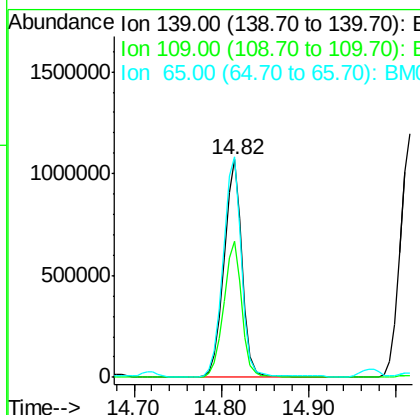
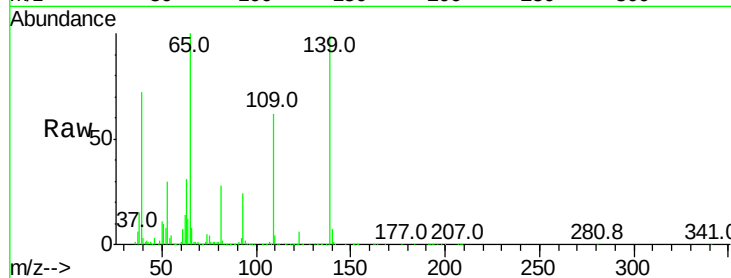




#55
4-Nitrophenol
Concen: 81.079 ng
RT: 14.82 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

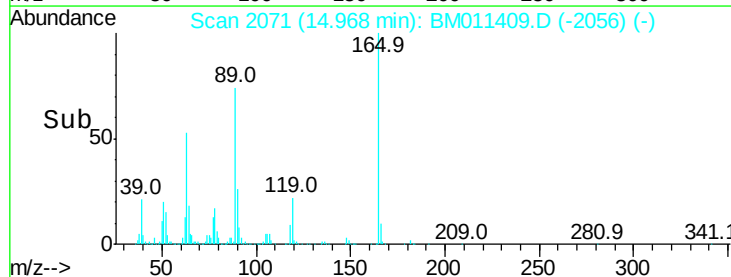
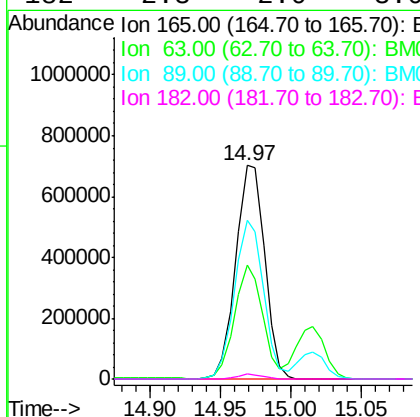
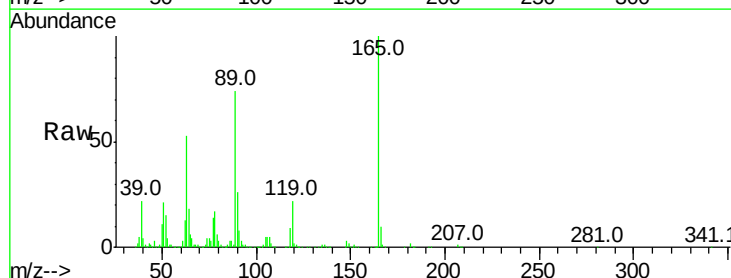
Instrument :
BNA_M
ClientSampleId :
PB102037BS

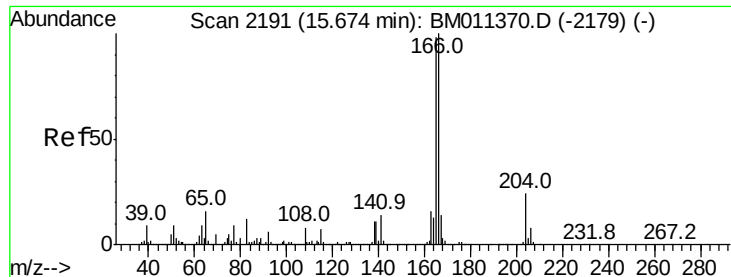
Tot Ion:139 Resp: 1530526
Ion Ratio Lower Upper
139 100
109 62.6 130.0 170.0#
65 101.0 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 39.304 ng
RT: 14.97 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

Tgt Ion:165 Resp: 1009160
Ion Ratio Lower Upper
165 100
63 53.3 52.4 78.6
89 74.1 72.4 108.6
182 2.3 2.0 3.0





#57

Fluorene

Concen: 37.067 ng

RT: 15.66 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

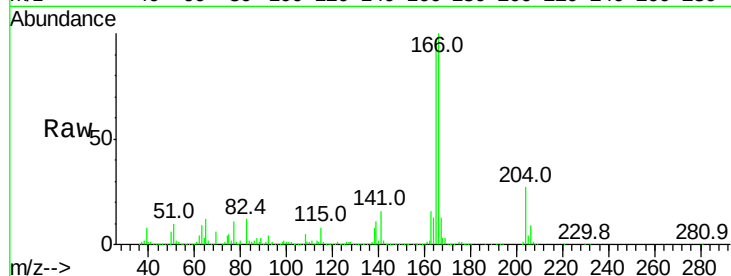
Tot Ion:166 Resp: 3690467

Ion Ratio Lower Upper

166 100

165 97.1 79.0 118.4

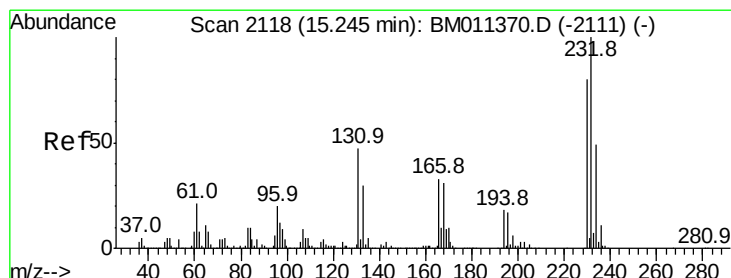
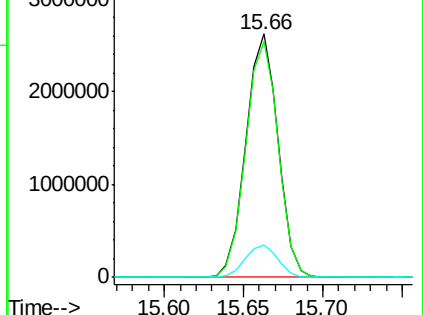
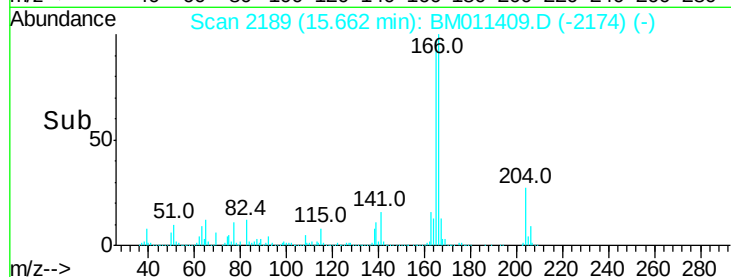
167 13.4 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.944 ng

RT: 15.23 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Tgt Ion:232 Resp: 892923

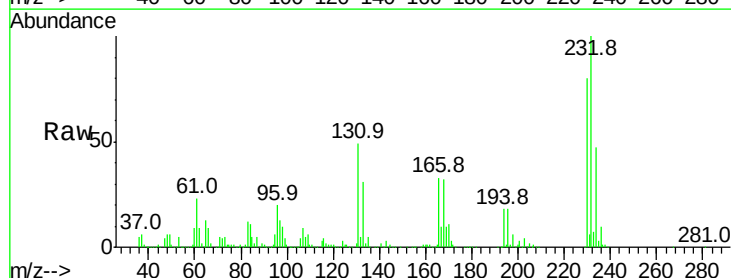
Ion Ratio Lower Upper

232 100

131 47.9 0.0 0.0#

130 2.4 0.0 0.0#

166 32.6 0.0 0.0#

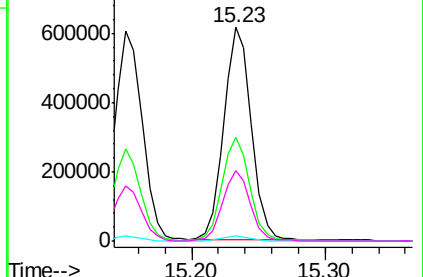
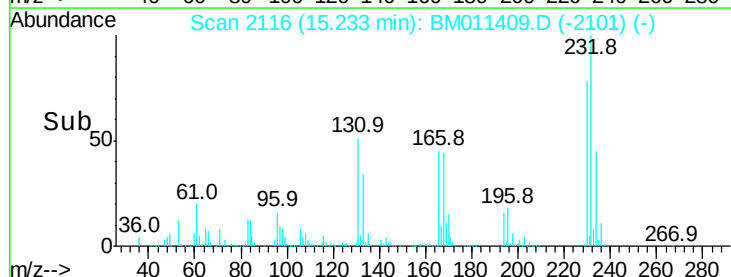


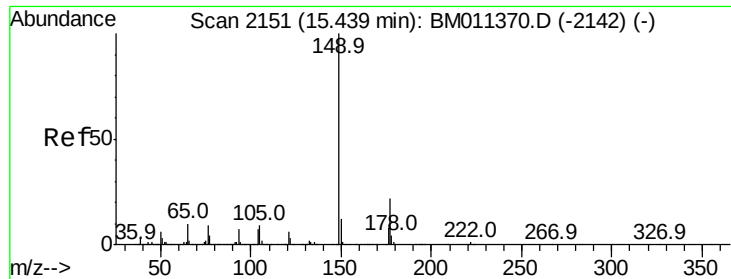
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

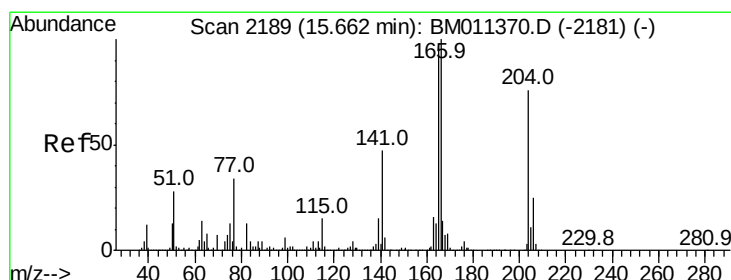
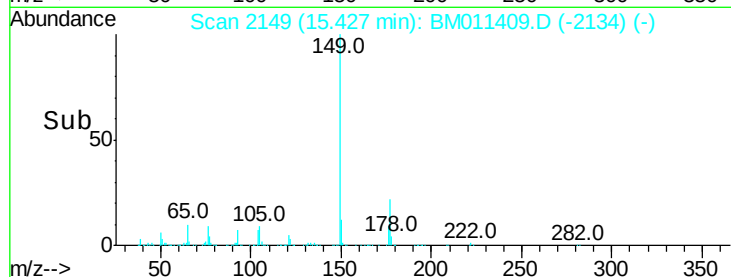
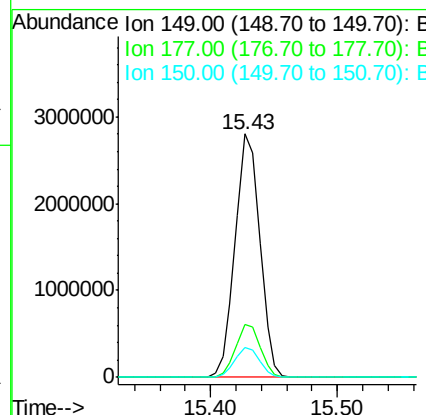
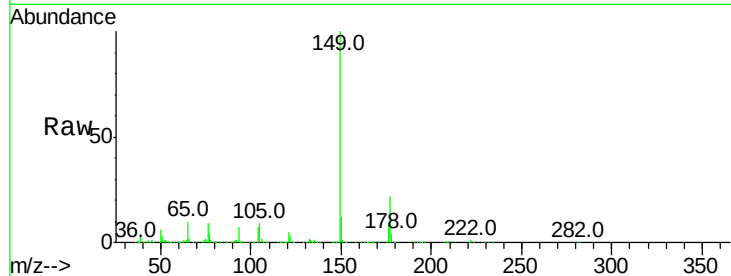




#59
Diethylphthalate
Concen: 37.030 ng
RT: 15.43 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

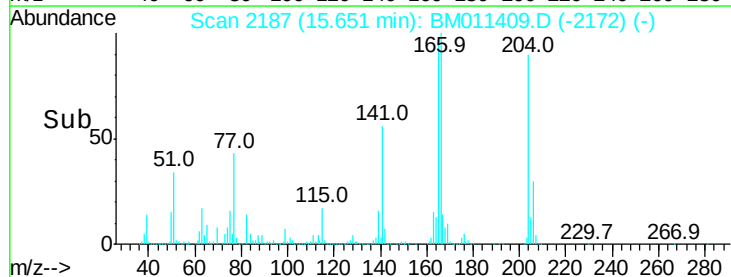
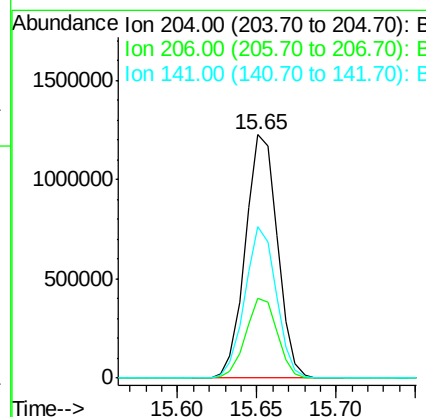
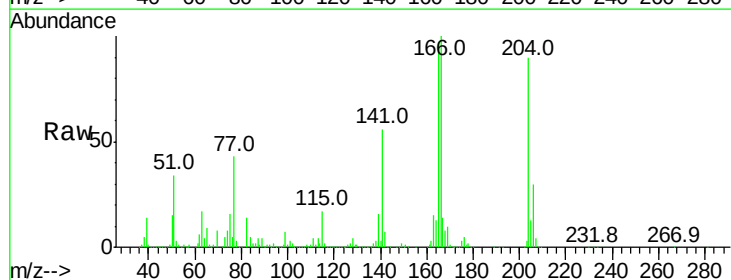
Instrument :
BNA_M
ClientSampleId :
PB102037BS

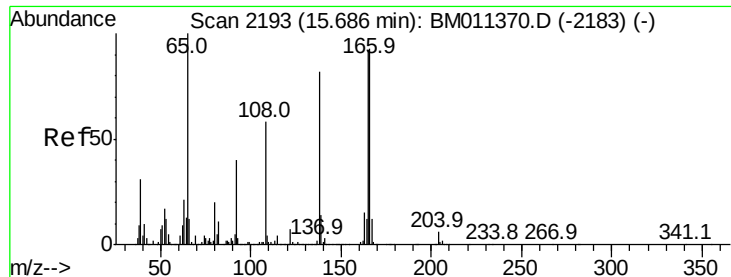
Tot Ion:149 Resp: 3762863
Ion Ratio Lower Upper
149 100
177 21.5 18.3 27.5
150 12.2 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 36.989 ng
RT: 15.65 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

Tgt Ion:204 Resp: 1717755
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 62.4 45.2 67.8

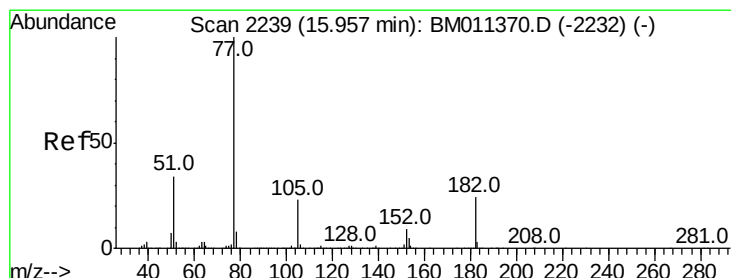
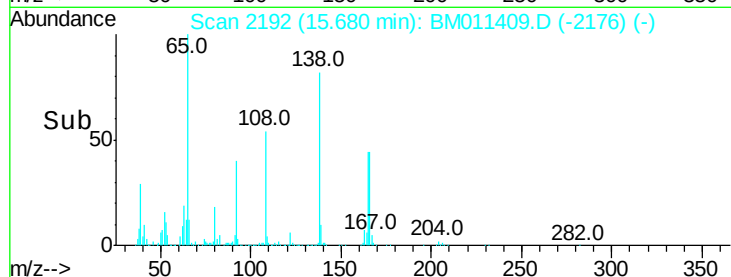
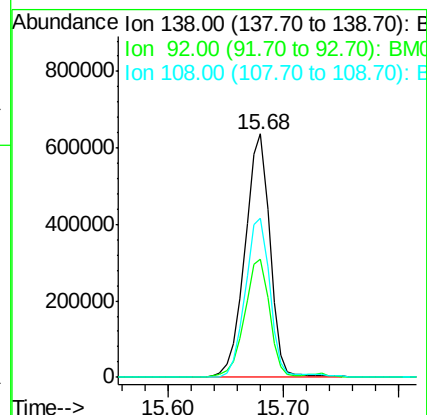
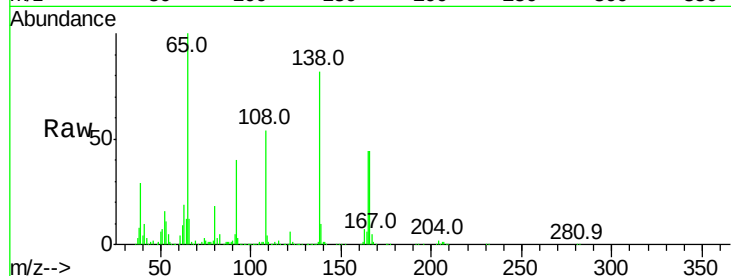




#61
4-Nitroaniline
Concen: 38.063 ng
RT: 15.68 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

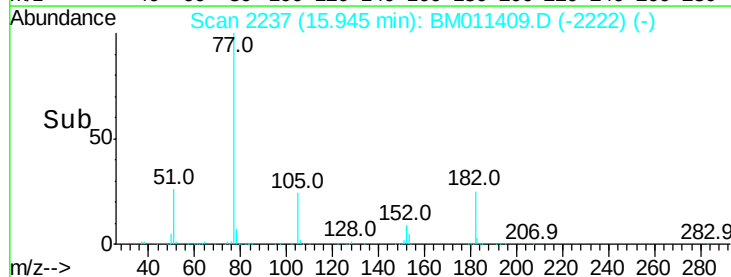
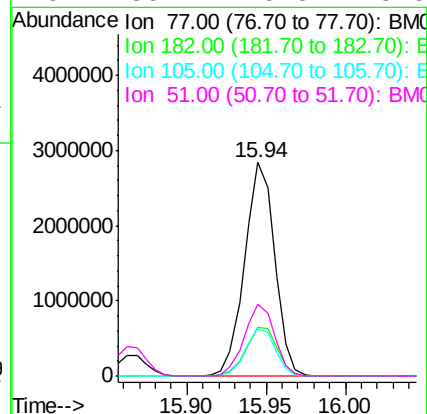
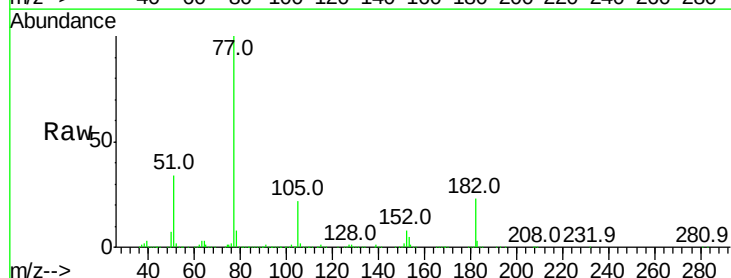
Instrument :
BNA_M
ClientSampleId :
PB102037BS

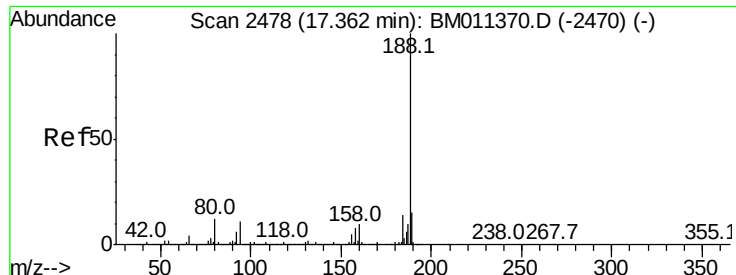
Tot Ion:138 Resp: 959761
Ion Ratio Lower Upper
138 100
92 48.5 16.7 56.7
108 65.4 37.6 77.6



#62
Azobenzene
Concen: 40.801 ng
RT: 15.94 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

Tgt Ion: 77 Resp: 3736566
Ion Ratio Lower Upper
77 100
182 23.0 6.5 46.5
105 22.3 3.8 43.8
51 33.7 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

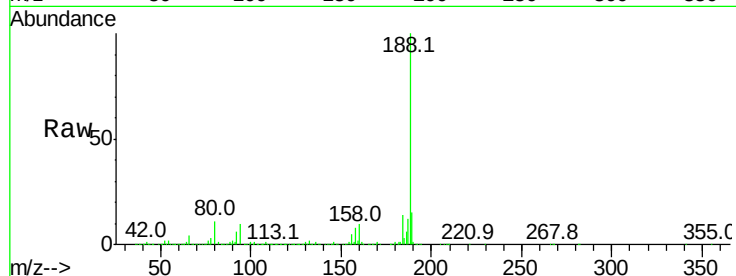
Tot Ion:188 Resp: 2696632

Ion Ratio Lower Upper

188 100

94 10.1 8.7 13.1

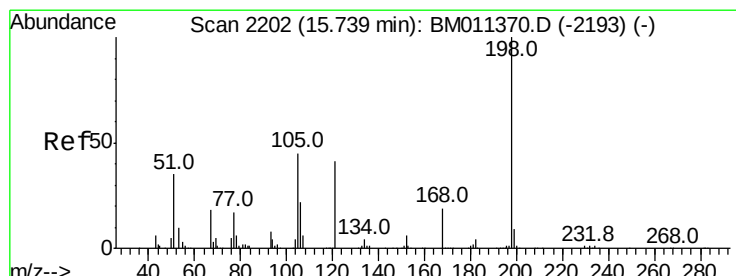
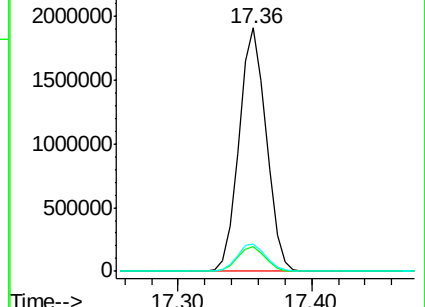
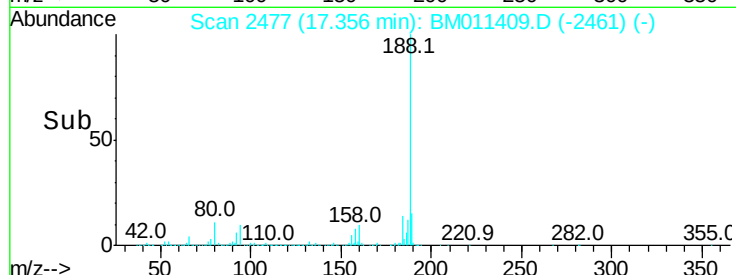
80 11.4 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.876 ng

RT: 15.73 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

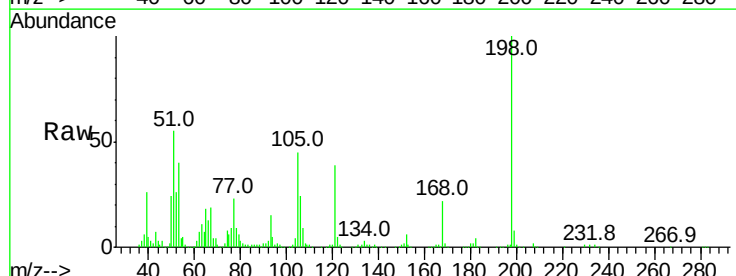
Tgt Ion:198 Resp: 446157

Ion Ratio Lower Upper

198 100

51 55.3 28.8 68.8

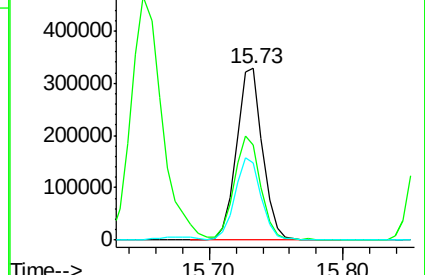
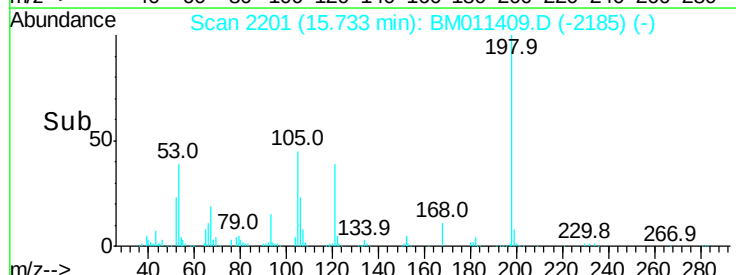
105 45.4 30.5 70.5

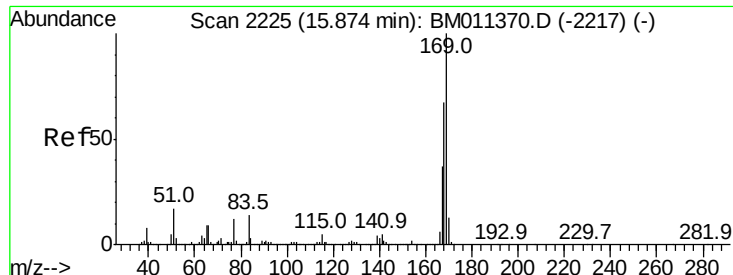


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

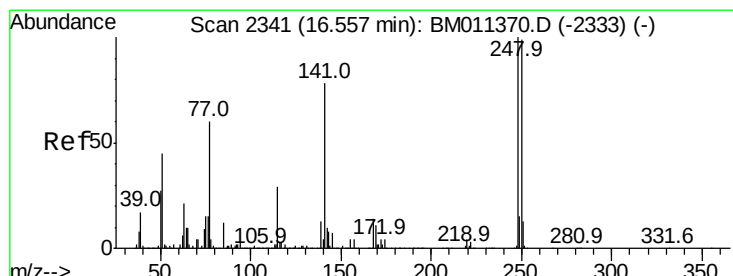
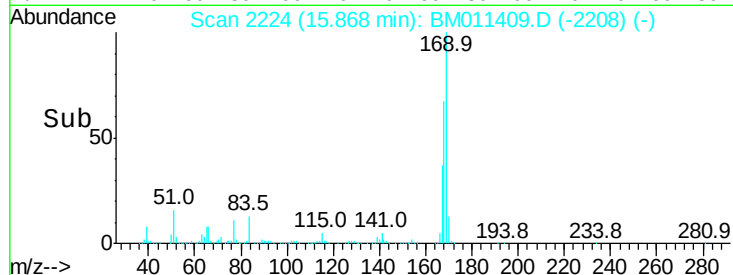
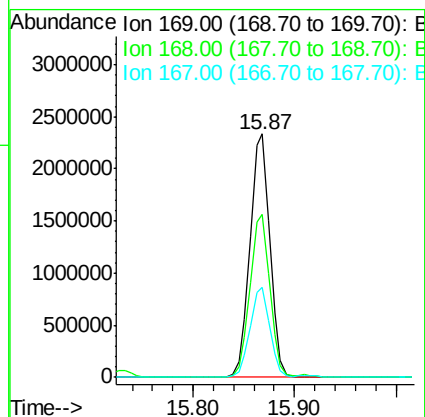
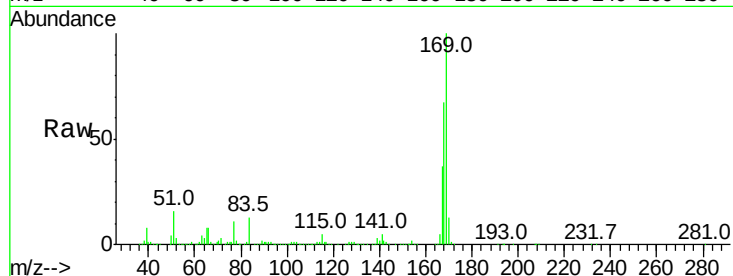




#65
 n-Nitrosodiphenylamine
 Concen: 37.361 ng
 RT: 15.87 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BM011409.D
 Acq: 02 Sep 2017 11:17

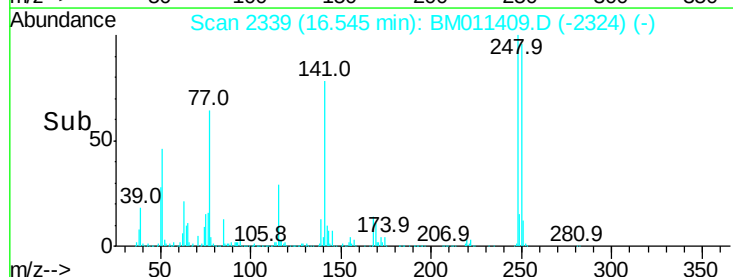
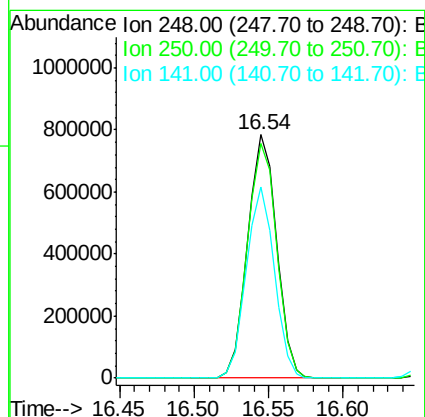
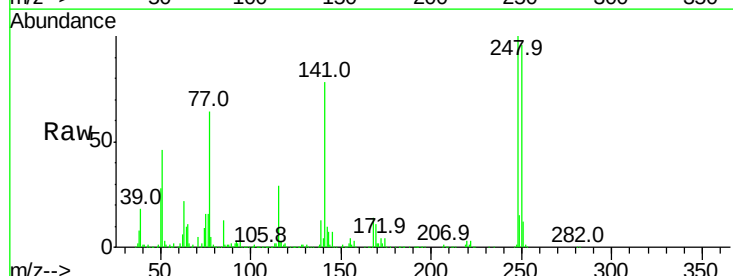
Instrument :
 BNA_M
 ClientSampleId :
 PB102037BS

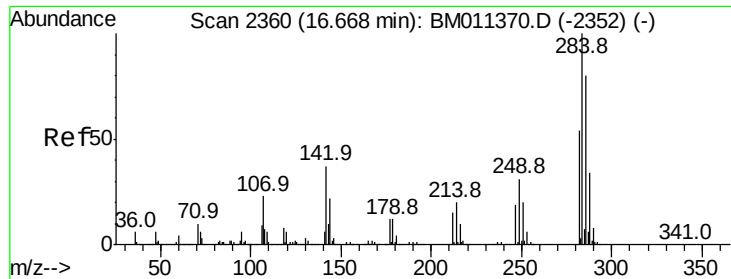
Tot Ion:169 Resp: 3174670
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.9 80.9
 167 37.2 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 37.053 ng
 RT: 16.54 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BM011409.D
 Acq: 02 Sep 2017 11:17

Tgt Ion:248 Resp: 1051015
 Ion Ratio Lower Upper
 248 100
 250 96.3 77.4 116.0
 141 78.3 45.2 67.8#

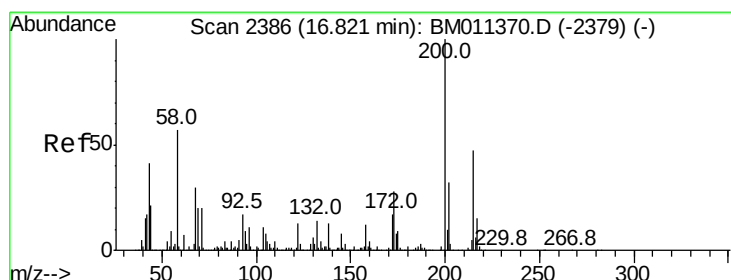
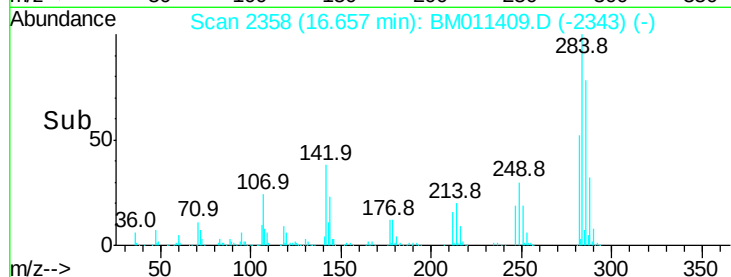
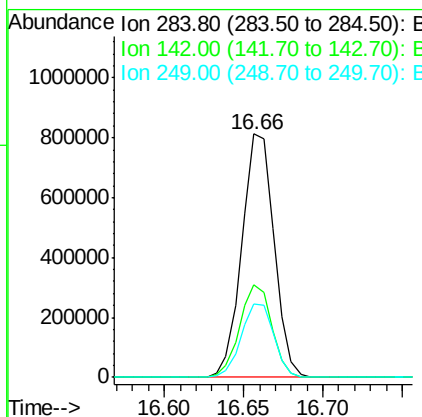
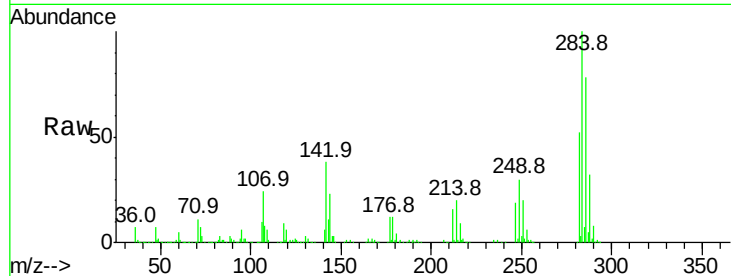




#67
Hexachlorobenzene
Concen: 34.476 ng
RT: 16.66 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

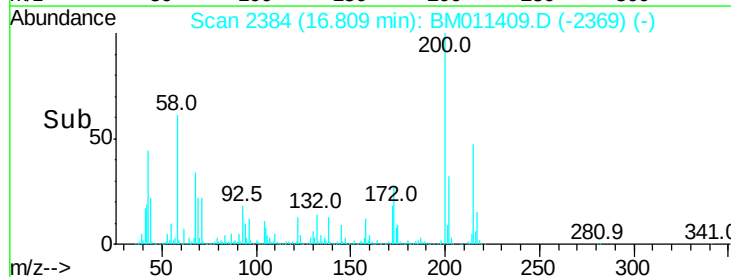
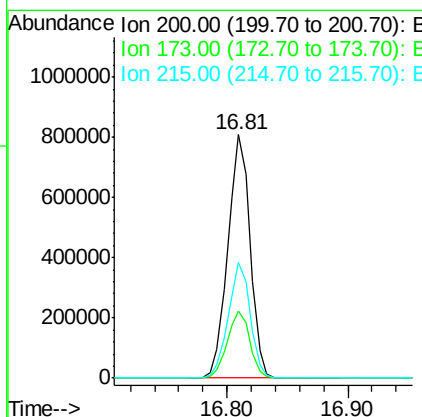
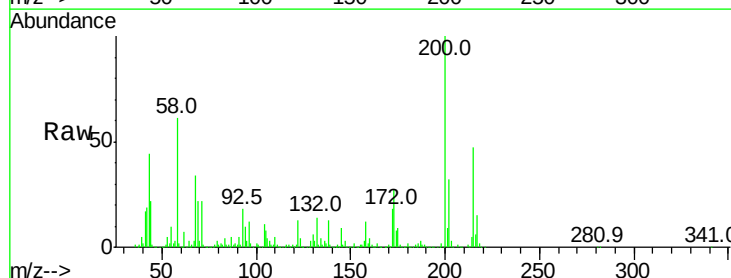
Instrument :
BNA_M
ClientSampleId :
PB102037BS

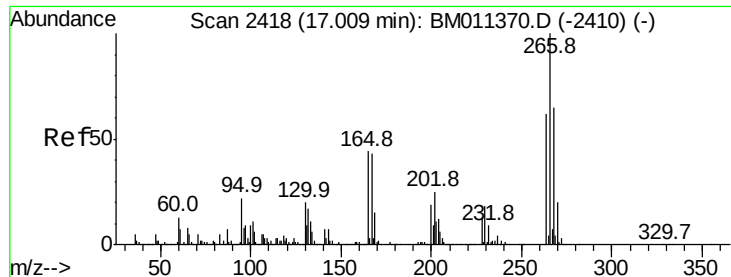
Tot Ion:284 Resp: 1147605
Ion Ratio Lower Upper
284 100
142 38.1 20.4 30.6#
249 30.2 23.8 35.6



#68
Atrazine
Concen: 41.589 ng
RT: 16.81 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

Tgt Ion:200 Resp: 1035736
Ion Ratio Lower Upper
200 100
173 27.3 4.8 44.8
215 47.4 26.9 66.9

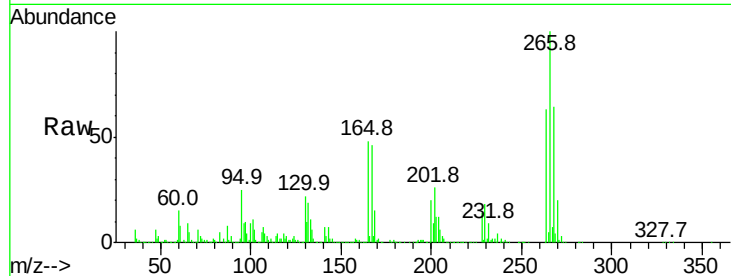




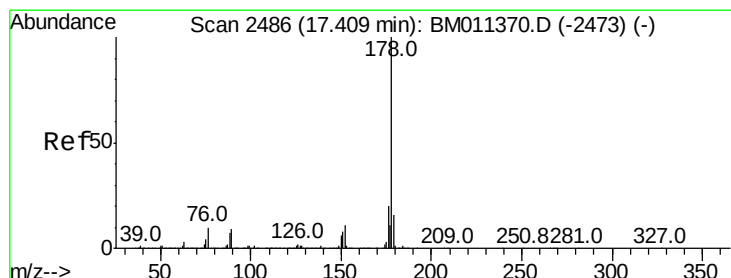
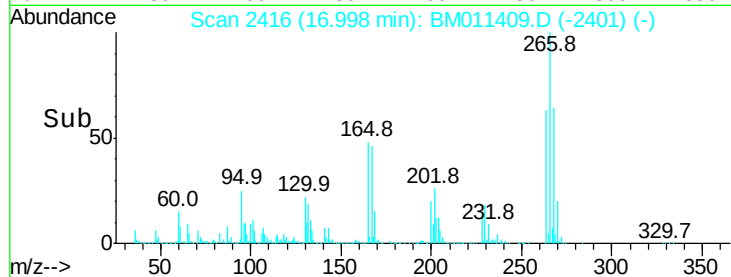
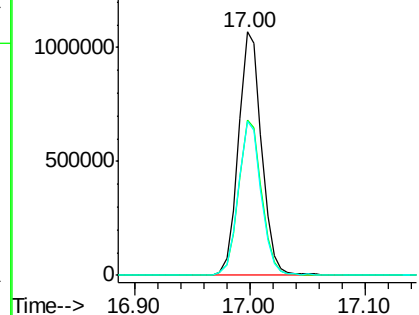
#69
 Pentachlorophenol
 Concen: 81.230 ng
 RT: 17.00 min Scan# 2416
 Delta R.T. -0.01 min
 Lab File: BM011409.D
 Acq: 02 Sep 2017 11:17

Instrument :
 BNA_M
 ClientSampleId :
 PB102037BS

Tot Ion:266 Resp: 1484398
 Ion Ratio Lower Upper
 266 100
 268 63.7 52.0 78.0
 264 63.0 49.0 73.4

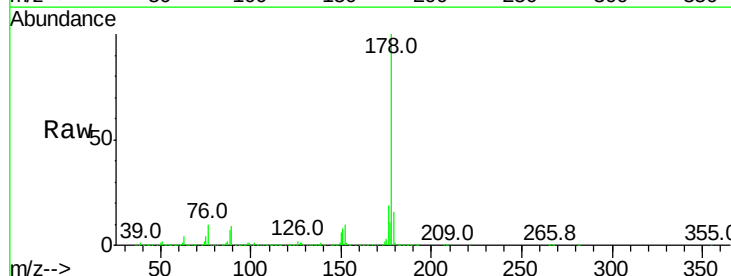


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

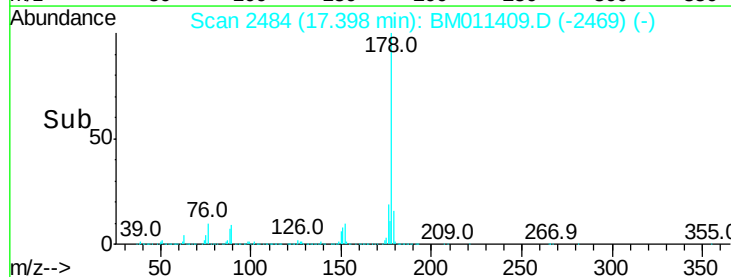
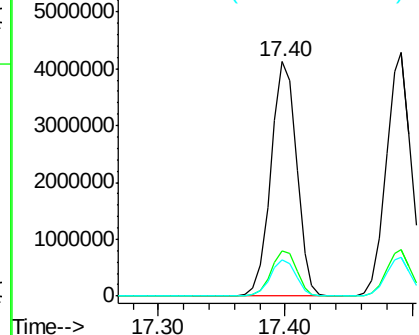


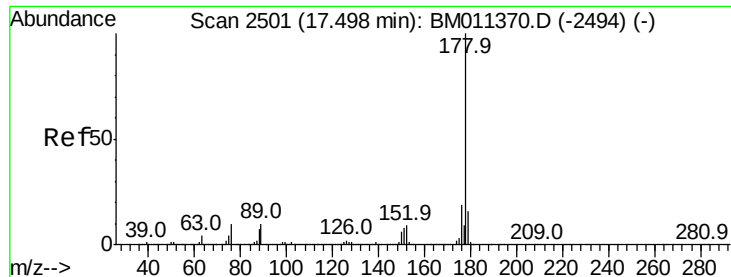
#70
 Phenanthrene
 Concen: 38.697 ng
 RT: 17.40 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BM011409.D
 Acq: 02 Sep 2017 11:17

Tgt Ion:178 Resp: 5811331
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.2 22.8
 179 15.7 12.1 18.1



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



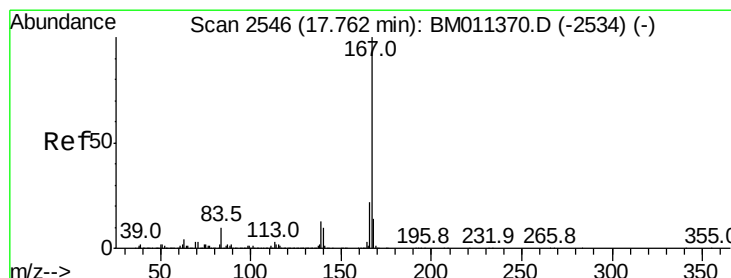
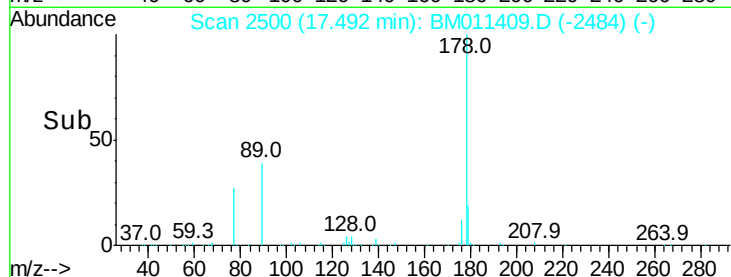
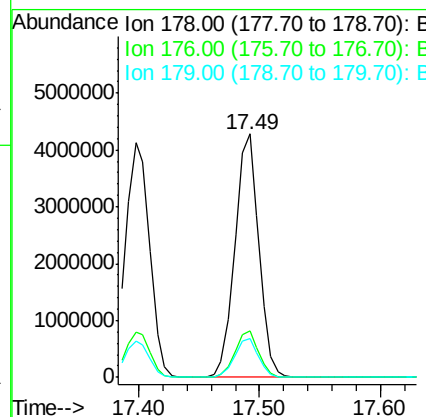
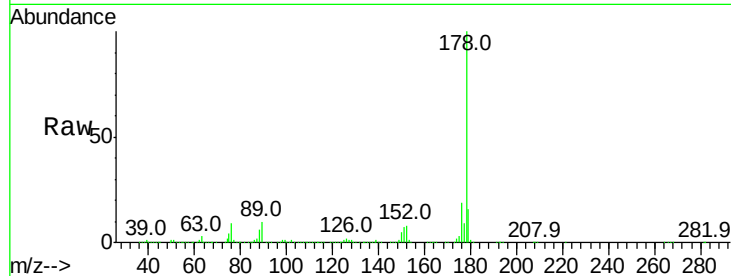


#71
 Anthracene
 Concen: 38.976 ng
 RT: 17.49 min Scan# 2500
 Delta R.T. -0.01 min
 Lab File: BM011409.D
 Acq: 02 Sep 2017 11:17

Instrument :
 BNA_M
 ClientSampleId :
 PB102037BS

Tot Ion:178 Resp: 5885750

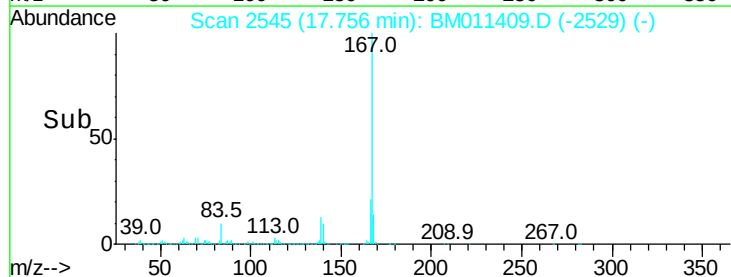
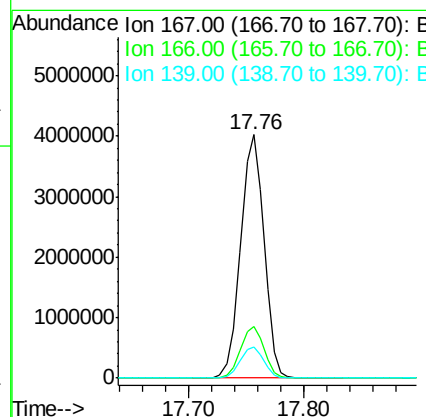
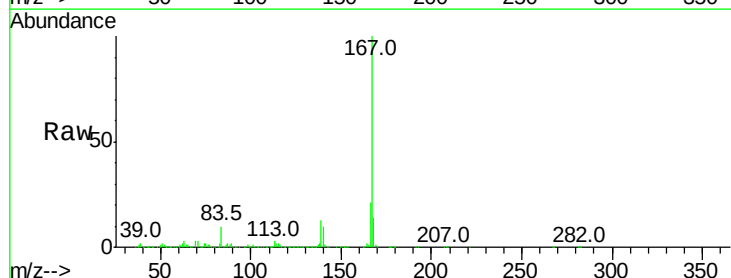
Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	22.0
179	15.8	12.6	19.0

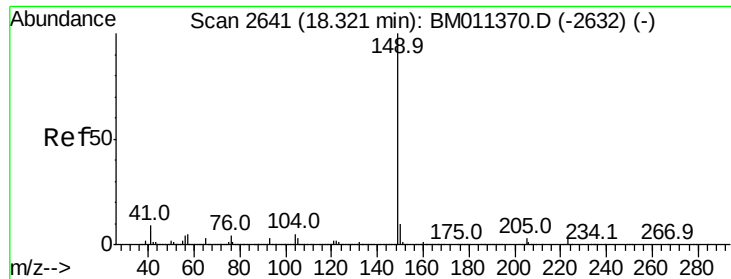


#72
 Carbazole
 Concen: 38.693 ng
 RT: 17.76 min Scan# 2545
 Delta R.T. -0.01 min
 Lab File: BM011409.D
 Acq: 02 Sep 2017 11:17

Tgt Ion:167 Resp: 5630994

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.9	10.8	16.2





#73

Di-n-butylphthalate

Concen: 38.852 ng

RT: 18.31 min Scan# 2639

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

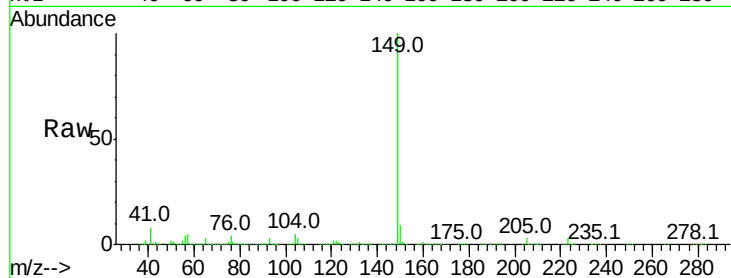
Tot Ion:149 Resp: 6568928

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

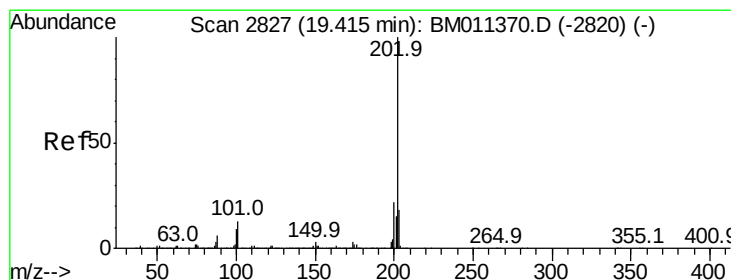
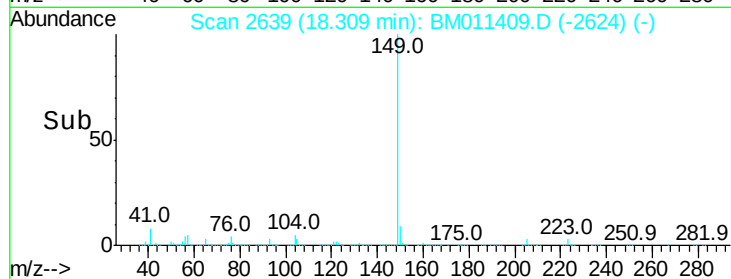
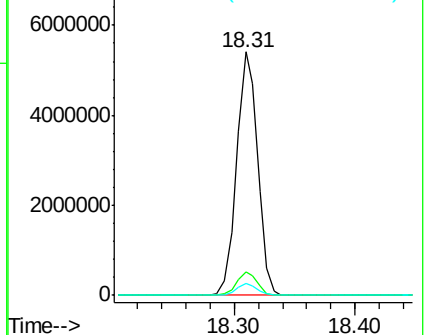
104 4.8 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.347 ng

RT: 19.40 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

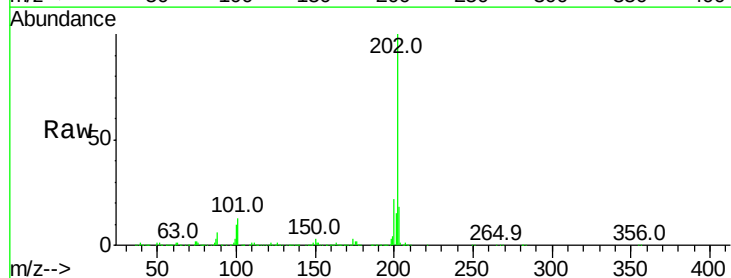
Tgt Ion:202 Resp: 6570954

Ion Ratio Lower Upper

202 100

101 12.9 0.0 28.7

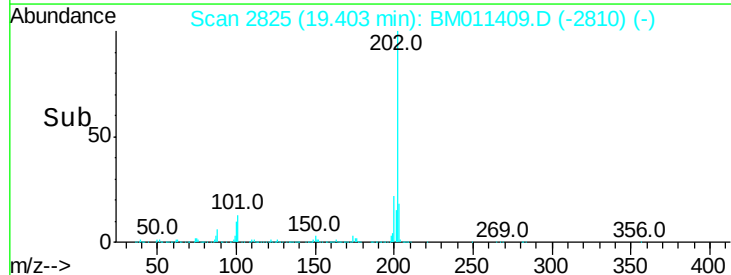
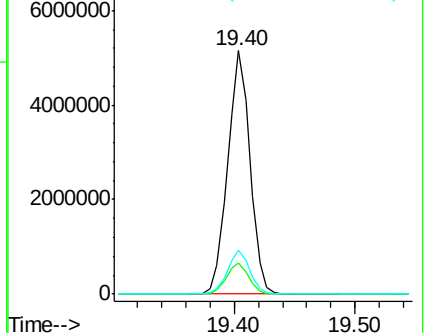
203 18.2 0.0 37.2

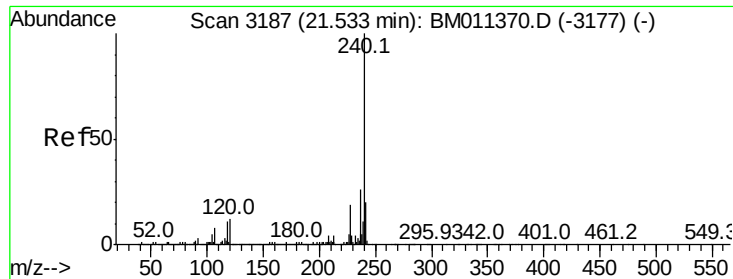


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

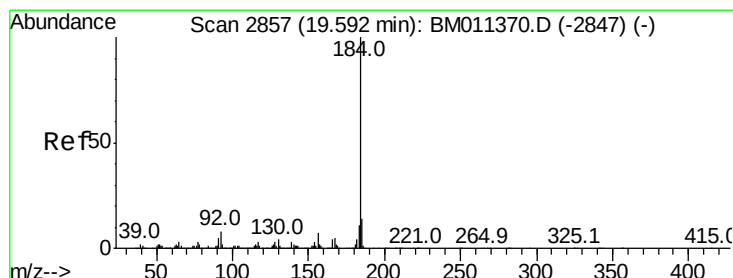
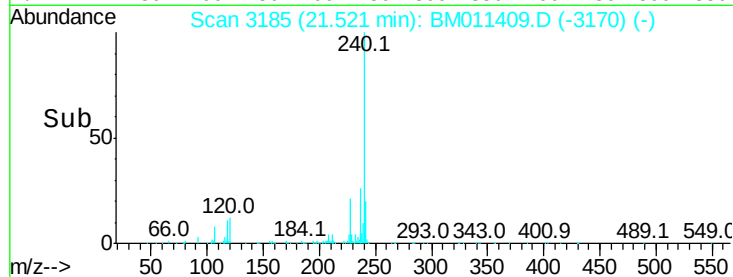
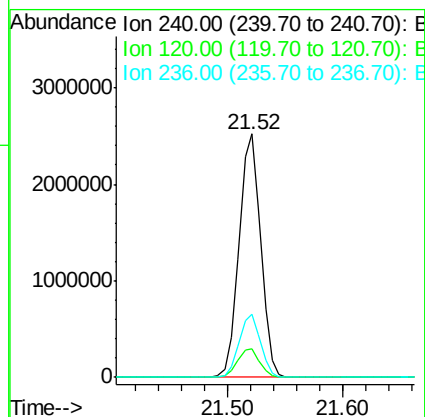
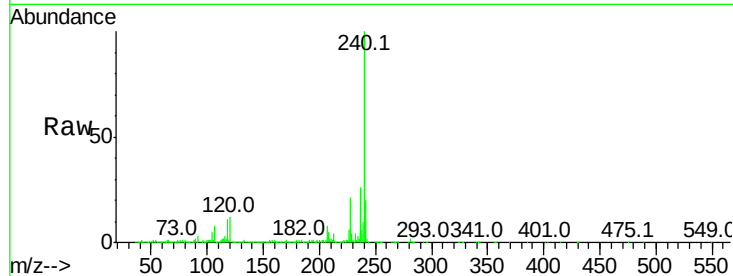




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

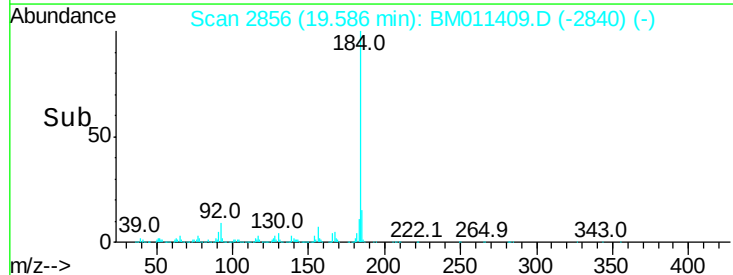
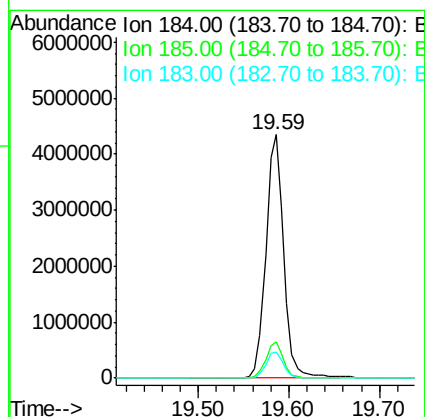
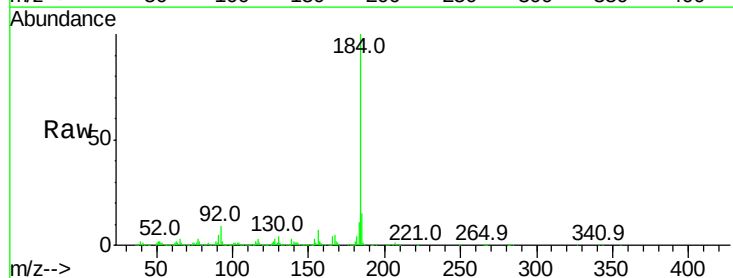
Instrument :
BNA_M
ClientSampleId :
PB102037BS

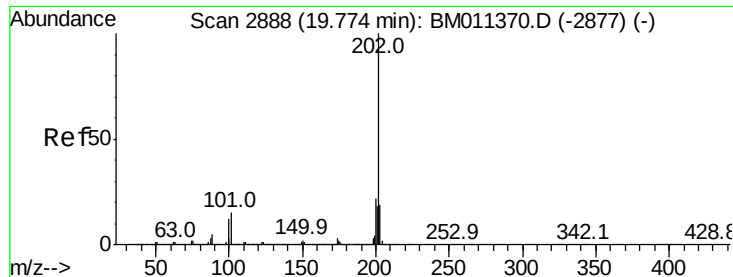
Tot Ion:240 Resp: 3268234
Ion Ratio Lower Upper
240 100
120 11.9 8.2 12.2
236 25.9 20.0 30.0



#76
Benzidine
Concen: 92.334 ng
RT: 19.59 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

Tgt Ion:184 Resp: 5955843
Ion Ratio Lower Upper
184 100
185 14.9 11.3 16.9
183 10.9 8.9 13.3





#77

Pvrene

Concen: 34.862 ng

RT: 19.77 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

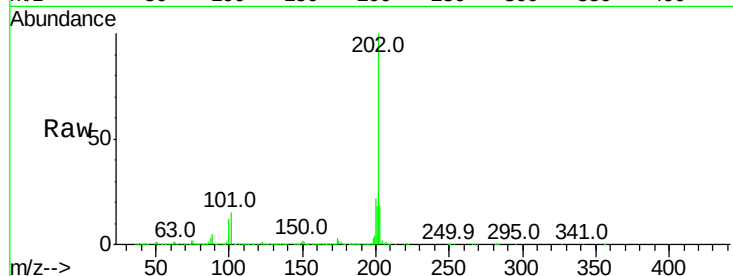
BNA_M

ClientSampleId :

PB102037BS

Tot Ion:202 Resp: 6981957

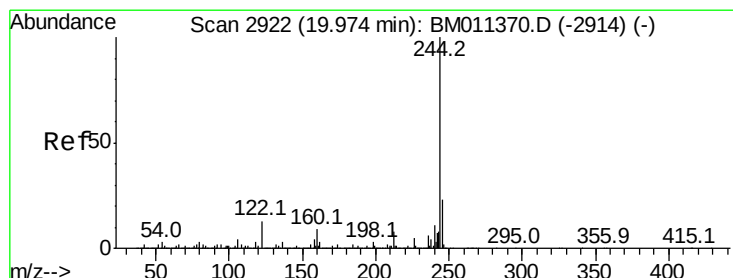
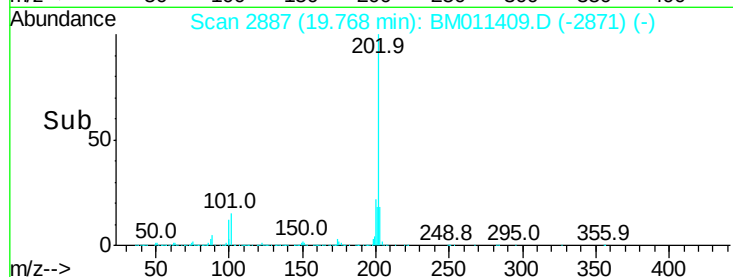
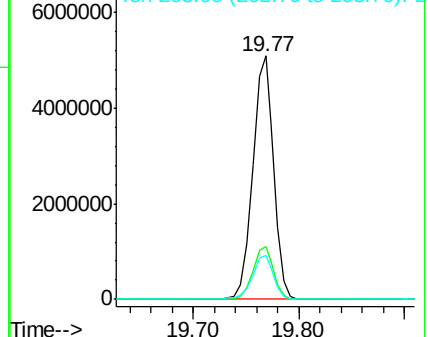
Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	18.2	14.1	21.1



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: 69.827 ng

RT: 19.96 min Scan# 2920

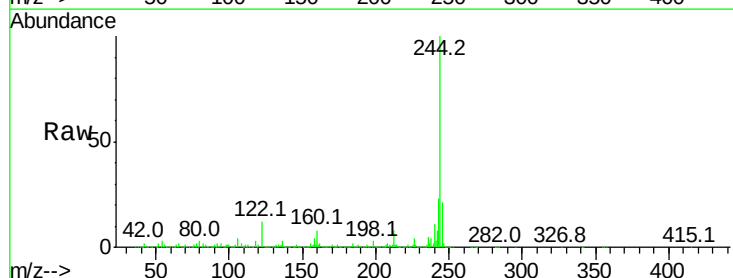
Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Tgt Ion:244 Resp: 9197516

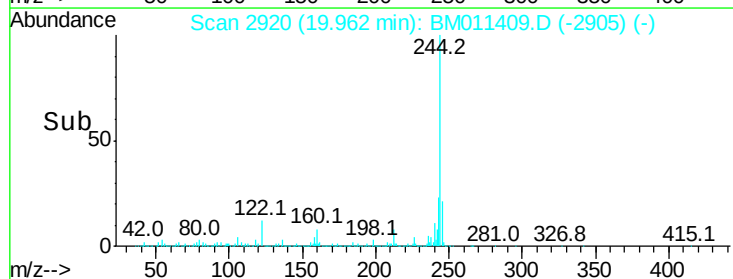
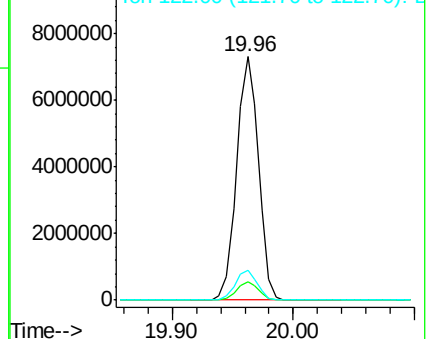
Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	12.2	6.2	9.4#

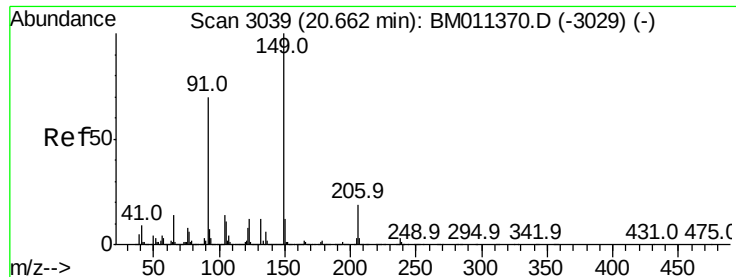


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

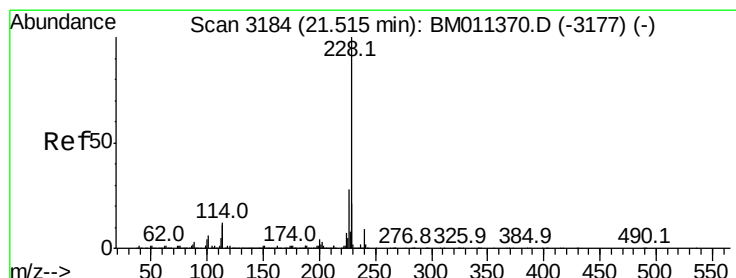
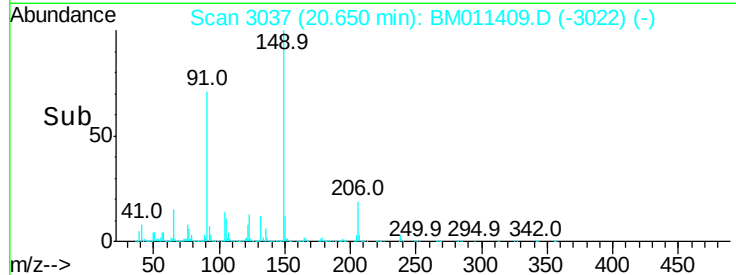
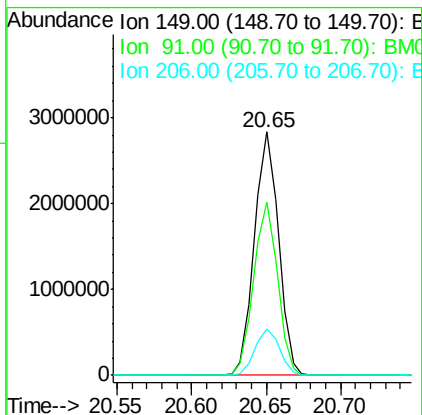
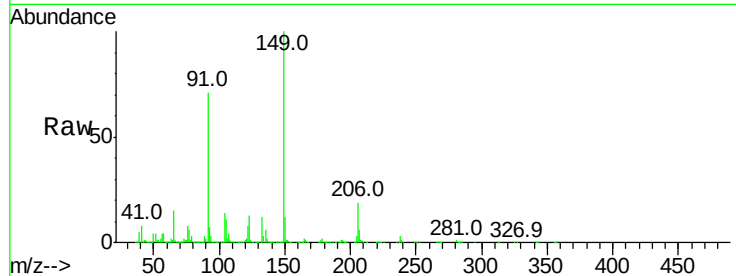




#79
Butylbenzylphthalate
Concen: 35.546 ng
RT: 20.65 min Scan# 3037
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

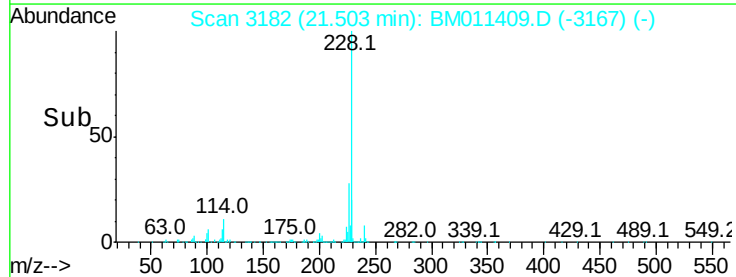
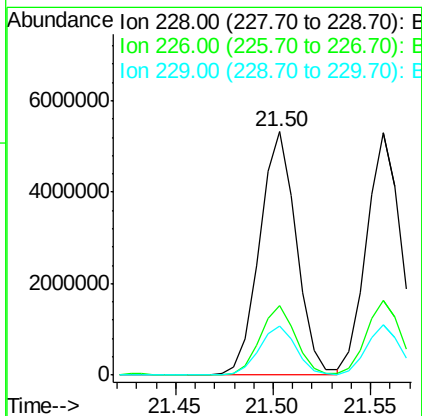
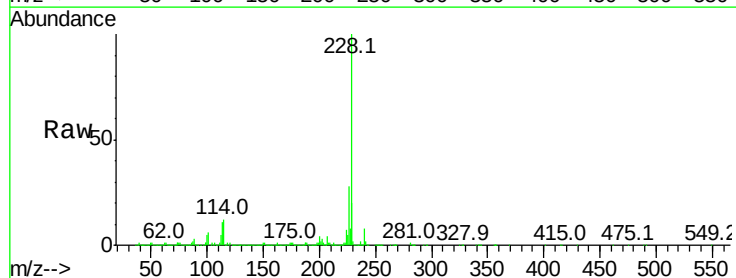
Instrument :
BNA_M
ClientSampleId :
PB102037BS

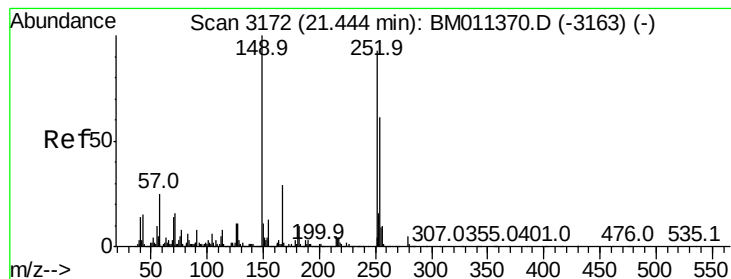
Tot Ion:149 Resp: 3144926
Ion Ratio Lower Upper
149 100
91 71.3 50.1 75.1
206 18.9 16.2 24.2



#80
Benzo(a)anthracene
Concen: 37.927 ng
RT: 21.50 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BM011409.D
Acq: 02 Sep 2017 11:17

Tgt Ion:228 Resp: 6932876
Ion Ratio Lower Upper
228 100
226 28.4 21.7 32.5
229 20.2 16.0 24.0

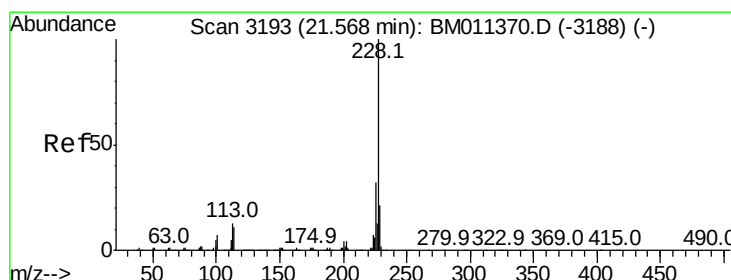
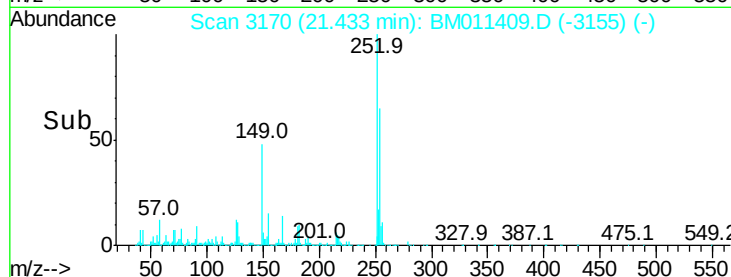
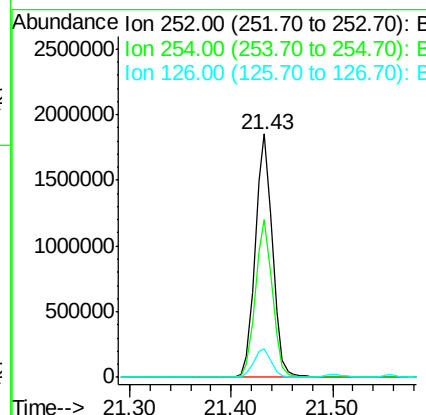
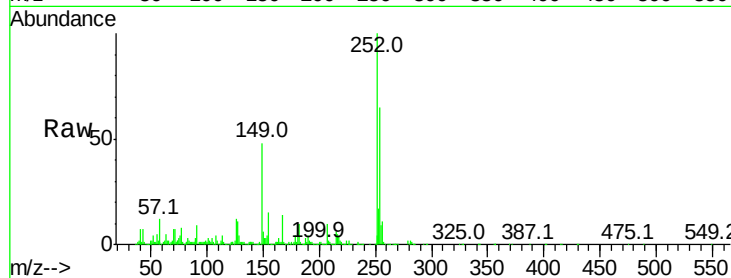




#81
 3,3'-Dichlorobenzidine
 Concen: 31.525 ng
 RT: 21.43 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BM011409.D
 Acq: 02 Sep 2017 11:17

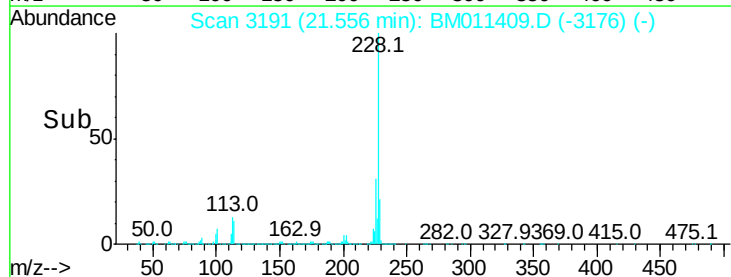
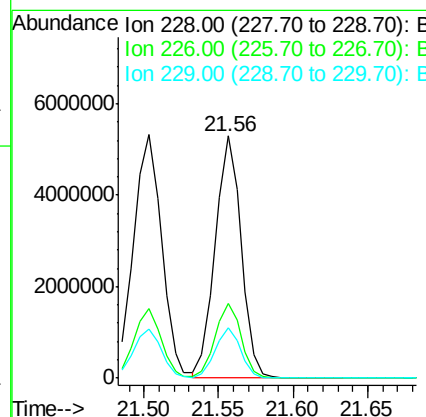
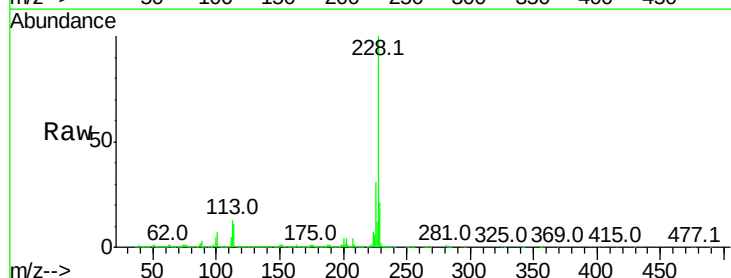
Instrument :
 BNA_M
 ClientSampleId :
 PB102037BS

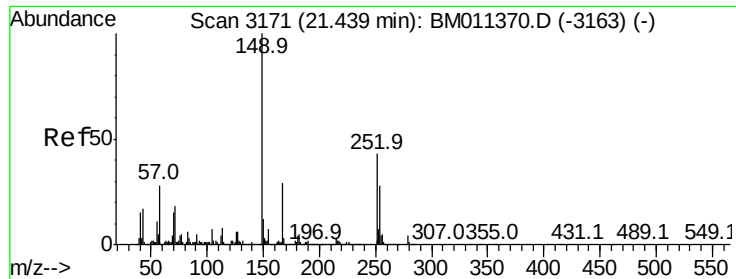
Tot Ion:252 Resp: 2187795
 Ion Ratio Lower Upper
 252 100
 254 64.8 51.9 77.9
 126 11.9 9.8 14.8



#82
 Chrysene
 Concen: 37.274 ng
 RT: 21.56 min Scan# 3191
 Delta R.T. -0.01 min
 Lab File: BM011409.D
 Acq: 02 Sep 2017 11:17

Tgt Ion:228 Resp: 6421943
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.1 36.1
 229 20.7 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.858 ng

RT: 21.42 min Scan# 3168

Delta R.T. -0.02 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

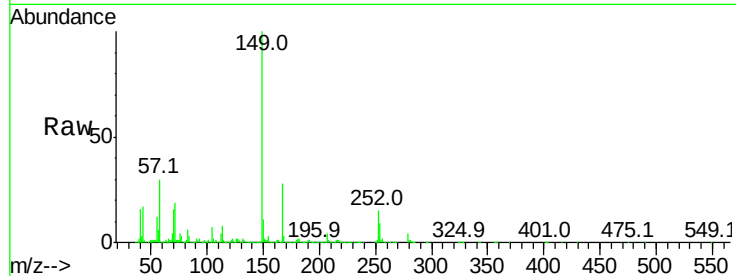
Tot Ion:149 Resp: 4780843

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.4	33.6
279	3.7	3.4	5.0

149 100

167 28.3 22.4 33.6

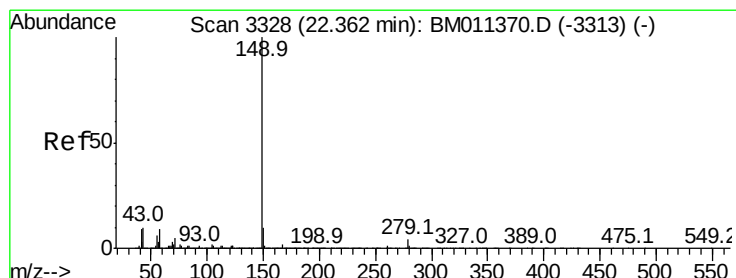
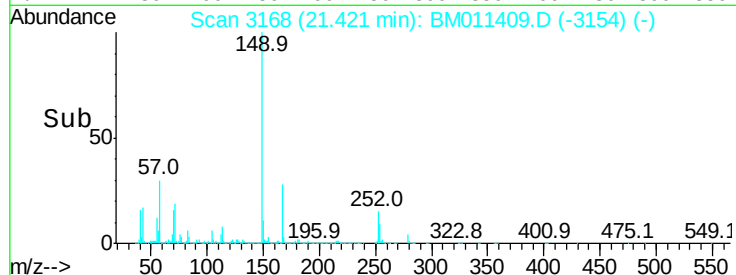
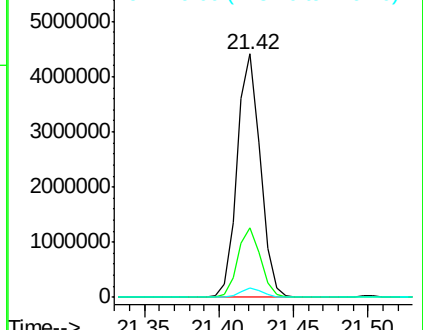
279 3.7 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

6000000 Ion 167.00 (166.70 to 167.70): E

5000000 Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.455 ng

RT: 22.34 min Scan# 3324

Delta R.T. -0.02 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

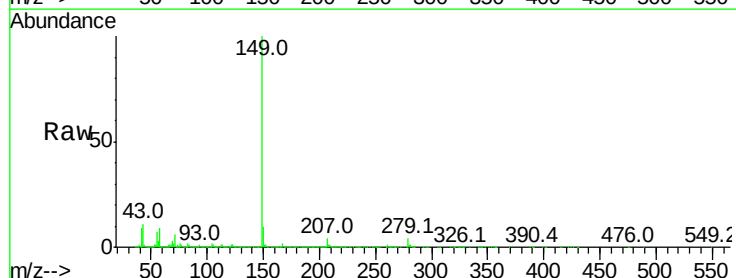
Tgt Ion:149 Resp: 8626970

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.9	7.3	10.9

149 100

167 1.5 1.2 1.8

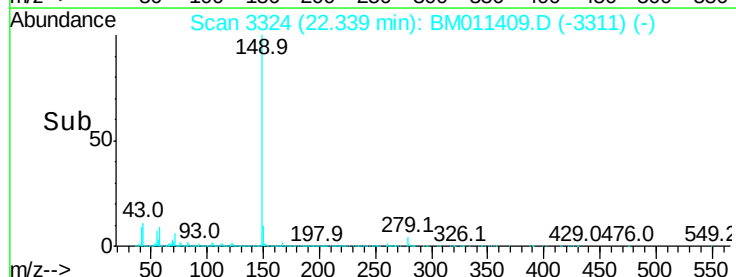
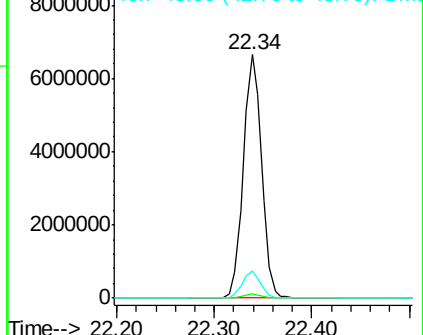
43 10.9 7.3 10.9

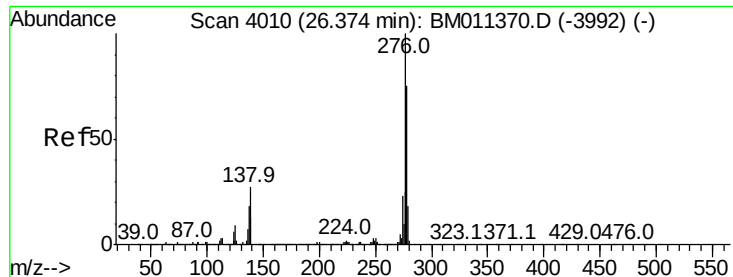


Abundance Ion 149.00 (148.70 to 149.70): E

8000000 Ion 167.00 (166.70 to 167.70): E

6000000 Ion 43.00 (42.70 to 43.70): BM0



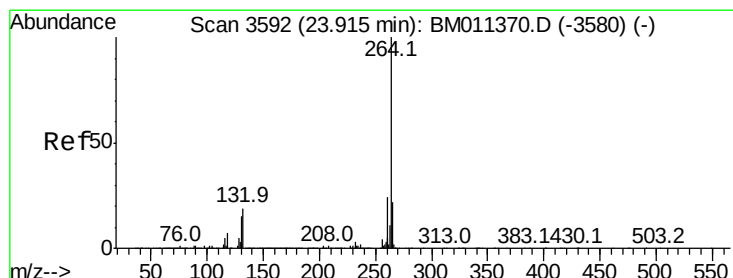
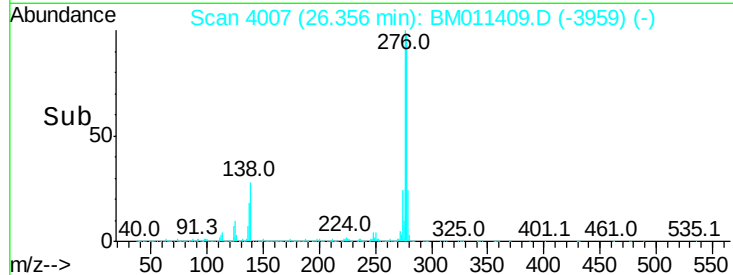
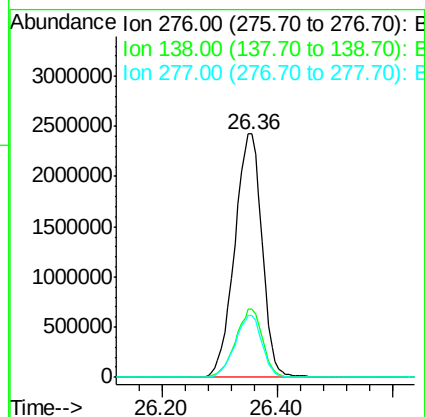
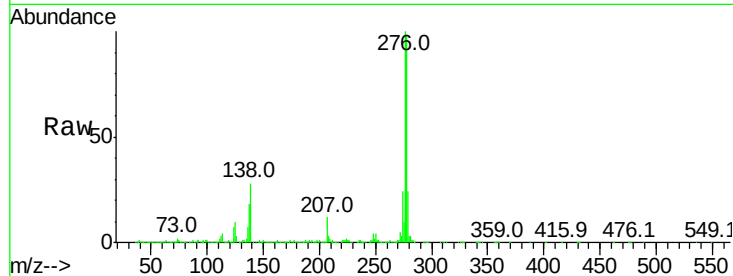


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.560 ng
 RT: 26.36 min Scan# 4007
 Delta R.T. -0.02 min
 Lab File: BM011409.D
 Acq: 02 Sep 2017 11:17

Instrument :
 BNA_M
 ClientSampleId :
 PB102037BS

Tot Ion:276 Resp: 7964942

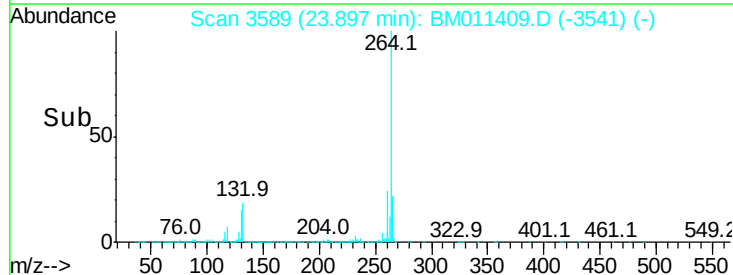
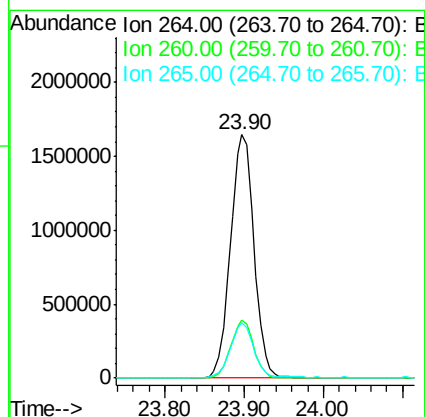
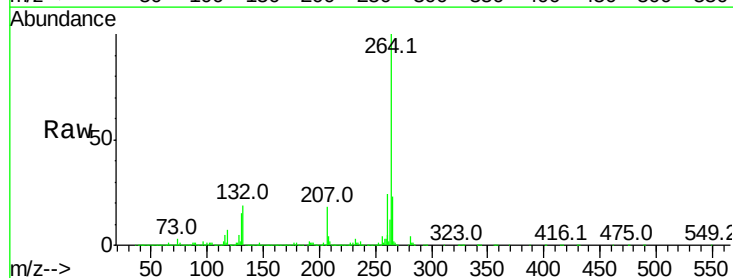
Ion	Ratio	Lower	Upper
276	100		
138	27.6	12.0	18.0#
277	25.2	20.0	30.0

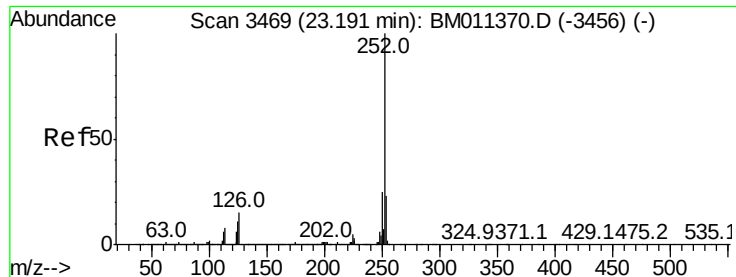


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.90 min Scan# 3589
 Delta R.T. -0.02 min
 Lab File: BM011409.D
 Acq: 02 Sep 2017 11:17

Tgt Ion:264 Resp: 3367917

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	22.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 36.898 ng

RT: 23.17 min Scan# 3466

Delta R.T. -0.02 min

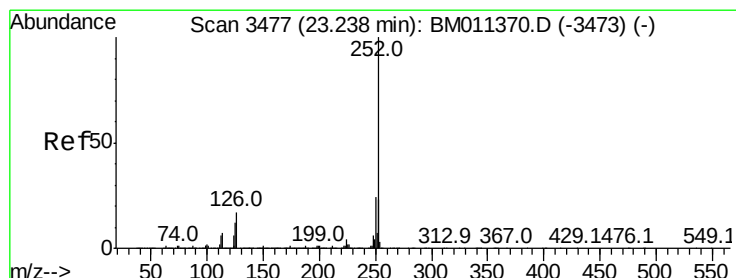
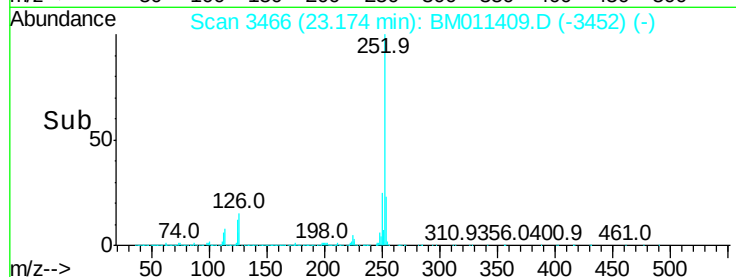
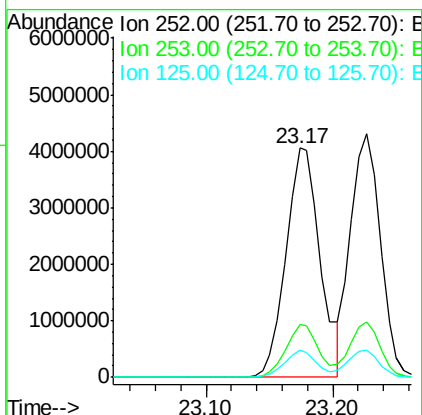
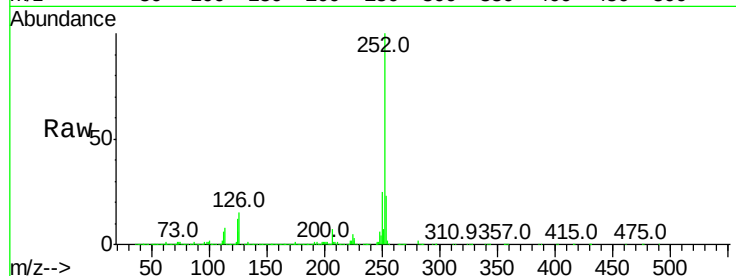
Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :
BNA_M
ClientSampleId :
PB102037BS

Tot Ion:252 Resp: 7629468

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	11.8	9.9	14.9



#88

Benzo(k)fluoranthene

Concen: 35.317 ng

RT: 23.23 min Scan# 3475

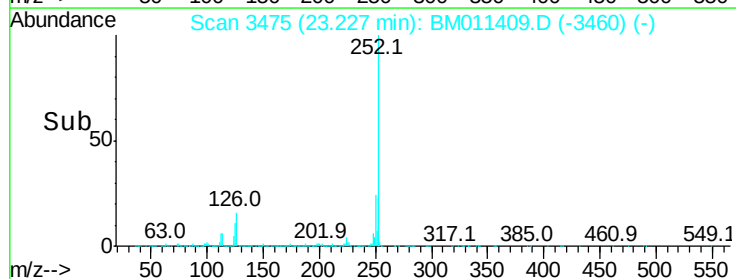
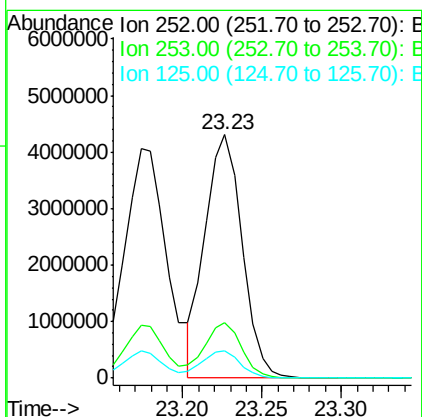
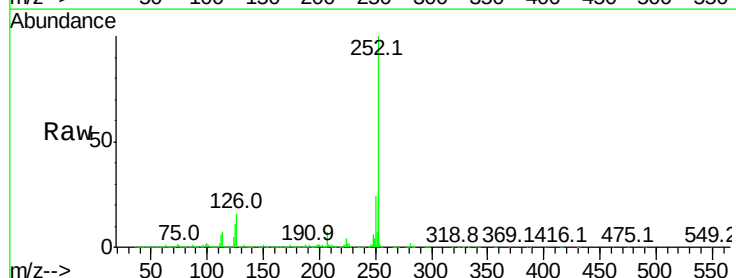
Delta R.T. -0.01 min

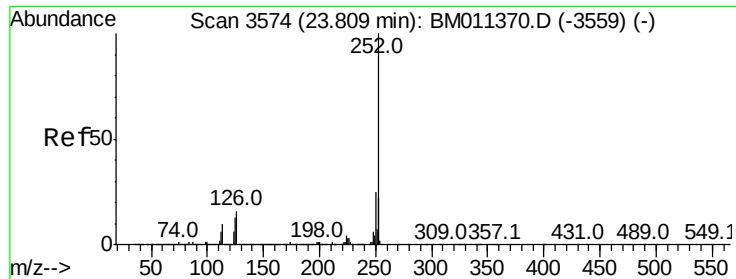
Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Tgt Ion:252 Resp: 7001633

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	11.2	8.1	12.1





#89

Benzo(a)pyrene

Concen: 38.464 ng

RT: 23.80 min Scan# 3572

Delta R.T. -0.01 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

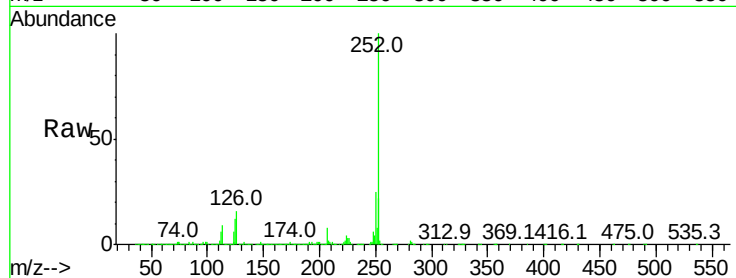
BNA_M

ClientSampleId :

PB102037BS

Tot Ion:252 Resp: 7173383

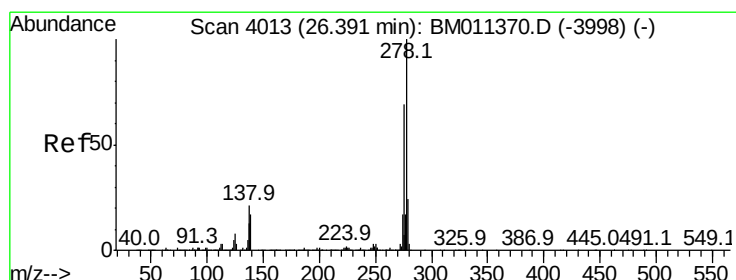
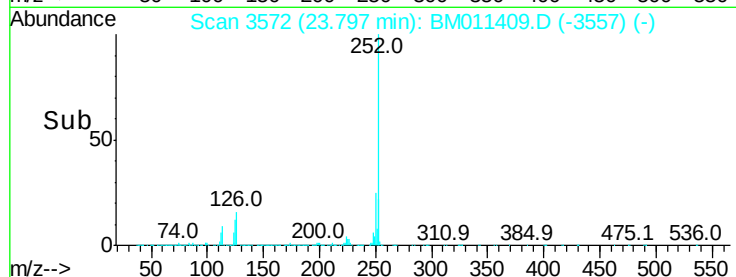
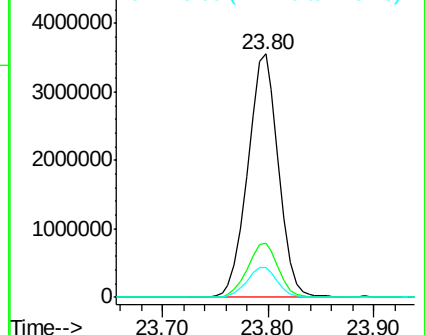
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	12.2	7.4	11.2#



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



#90

Dibenzo(a,h)anthracene

Concen: 42.112 ng

RT: 26.36 min Scan# 4008

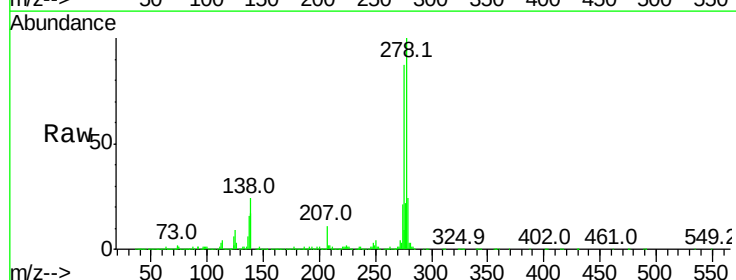
Delta R.T. -0.03 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Tgt Ion:278 Resp: 6721439

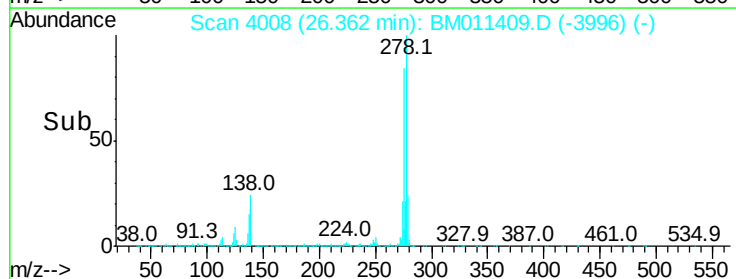
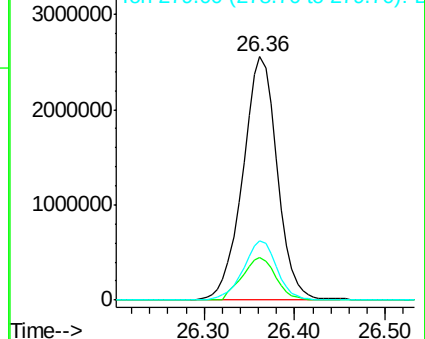
Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.4	20.0
279	24.1	19.0	28.4

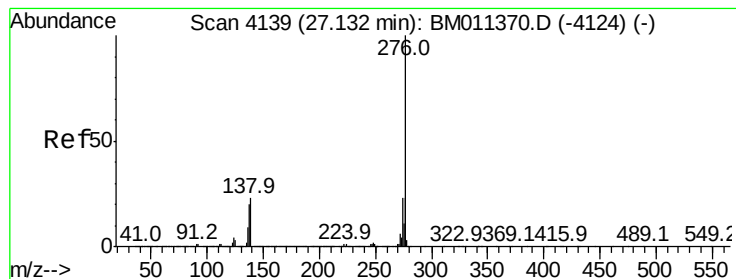


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.855 ng

RT: 27.10 min Scan# 4134

Delta R.T. -0.03 min

Lab File: BM011409.D

Acq: 02 Sep 2017 11:17

Instrument :

BNA_M

ClientSampleId :

PB102037BS

Tot Ion:276 Resp: 6301841

Ion Ratio Lower Upper

276 100

277 24.1 18.5 27.7

138 23.7 19.0 28.6

