

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080117\
 Data File : BM011089.D
 Acq On : 01 Aug 2017 19:15
 Operator : SJ/JU
 Sample : PB101132BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101132BS

Quant Time: Aug 02 01:06:16 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	163657	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	766589	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	621947	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1686505	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1761598	20.00	ng	0.00
86) Perylene-d12	23.13	264	1322414	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.03	112	1044641	107.90	ng	0.00
7) Phenol-d6	6.59	99	1501433	109.15	ng	0.00
23) Nitrobenzene-d5	8.53	82	2054899	100.61	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	1032832	103.61	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	4789796	96.58	ng	-0.01
78) Terphenyl-d14	19.46	244	8528138	95.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.03	88	154669	35.58	ng	# 100
3) Pyridine	3.40	79	388223	32.70	ng	# 86
4) n-Nitrosodimethylamine	3.32	42	338583	55.96	ng	# 60
6) Aniline	6.73	93	549940	31.72	ng	# 86
8) 2-Chlorophenol	6.96	128	480677	48.90	ng	# 72
9) Benzaldehyde	6.54	77	549846	61.78	ng	# 74
10) Phenol	6.61	94	760578	50.91	ng	# 89
11) bis(2-Chloroethyl)ether	6.83	93	577194	49.58	ng	# 89
12) 1,3-Dichlorobenzene	7.27	146	539897	45.07	ng	# 77
13) 1,4-Dichlorobenzene	7.42	146	535720	43.63	ng	# 89
14) 1,2-Dichlorobenzene	7.73	146	529262	45.08	ng	# 91
15) Benzyl Alcohol	7.63	79	754958	57.21	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.92	45	546819	52.20	ng	# 78
17) 2-Methylphenol	7.83	107	524854	54.97	ng	# 72
18) Hexachloroethane	8.44	117	256646	47.93	ng	# 80
19) n-Nitroso-di-n-propylamine	8.20	70	647743	55.41	ng	# 94
20) 3+4-Methylphenols	8.16	107	702999	52.96	ng	# 79
22) Acetophenone	8.20	105	987756	42.98	ng	# 88
24) Nitrobenzene	8.57	77	985877	46.58	ng	# 84
25) Isophorone	9.10	82	1638895	48.12	ng	# 84
26) 2-Nitrophenol	9.27	139	303886	45.12	ng	# 16
27) 2,4-Dimethylphenol	9.35	122	560270	47.26	ng	# 58
28) bis(2-Chloroethoxy)methane	9.59	93	902551	47.52	ng	# 97
29) 2,4-Dichlorophenol	9.80	162	657065	49.32	ng	# 93
30) 1,2,4-Trichlorobenzene	10.01	180	755017	45.84	ng	# 98
31) Naphthalene	10.19	128	1758409	45.60	ng	# 99
32) Benzoic acid	9.52	122	393614	41.31	ng	# 48
33) 4-Chloroaniline	10.32	127	557084	36.21	ng	# 72
34) Hexachlorobutadiene	10.48	225	604310	46.58	ng	# 99
35) Caprolactam	11.12	113	93602	24.78	ng	# 94
36) 4-Chloro-3-methylphenol	11.45	107	852939	49.58	ng	# 73
37) 2-Methylnaphthalene	11.82	142	1484940	52.42	ng	# 85
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	1105376	41.37	ng	# 100
40) Hexachlorocyclopentadiene	12.18	237	1775612	114.04	ng	# 97

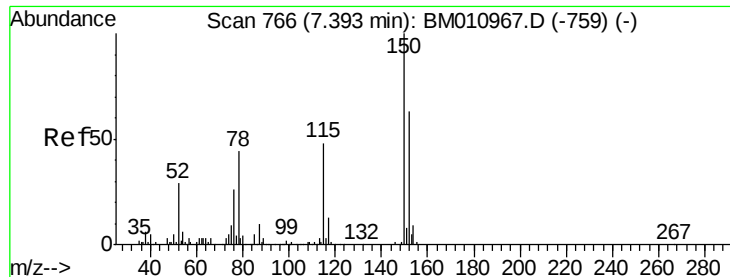
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080117\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.45	196	711245	43.98	nq	97
43) 2,4,5-Trichlorophenol	12.52	196	760050	45.63	nq	# 85
45) 1,1'-Biphenyl	12.86	154	2187374	40.67	nq	96
46) 2-Chloronaphthalene	12.90	162	1732007	43.71	nq	94
47) 2-Nitroaniline	13.12	65	745172	53.16	nq	# 67
48) Acenaphthylene	13.76	152	2673868	45.22	nq	99
49) Dimethylphthalate	13.52	163	2364927	44.45	nq	# 97
50) 2,6-Dinitrotoluene	13.63	165	487563	45.32	nq	# 43
51) Acenaphthene	14.11	154	1657909	45.28	nq	98
52) 3-Nitroaniline	13.97	138	419785	44.96	nq	# 29
53) 2,4-Dinitrophenol	14.17	184	681556	89.13	nq	# 80
54) Dibenzofuran	14.44	168	2954203	49.80	nq	# 89
55) 4-Nitrophenol	14.29	139	705480	86.00	nq	# 82
56) 2,4-Dinitrotoluene	14.43	165	750624	49.70	nq	# 88
57) Fluorene	15.10	166	2484966	48.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.68	232	837463	53.64	nq	# 100
59) Diethylphthalate	14.90	149	2565459	47.21	nq	98
60) 4-Chlorophenyl-phenylether	15.10	204	1518758	48.70	nq	96
61) 4-Nitroaniline	15.14	138	421071	42.46	nq	# 1
62) Azobenzene	15.40	77	3380464	58.13	nq	86
64) 4,6-Dinitro-2-methylphenol	15.20	198	495969	43.44	nq	94
65) n-Nitrosodiphenylamine	15.33	169	2194887	45.48	nq	99
66) 4-Bromophenyl-phenylether	16.00	248	1028949	47.46	nq	# 93
67) Hexachlorobenzene	16.10	284	1070515	43.70	nq	# 84
68) Atrazine	16.30	200	923621	47.75	nq	94
69) Pentachlorophenol	16.46	266	1405947	90.39	nq	98
70) Phenanthrene	16.84	178	4314886	48.86	nq	100
71) Anthracene	16.93	178	4363081	49.54	nq	99
72) Carbazole	17.21	167	3571986	46.38	nq	100
73) Di-n-butylphthalate	17.80	149	4439280	47.33	nq	# 96
74) Fluoranthene	18.87	202	5346745	48.86	nq	98
76) Benzidine	19.08	184	817614	19.40	nq	99
77) Pyrene	19.24	202	5527366	52.81	nq	100
79) Butylbenzylphthalate	20.17	149	1925378	51.73	nq	# 66
80) Benzo(a)anthracene	21.00	228	4852884	48.25	nq	99
81) 3,3'-Dichlorobenzidine	20.95	252	1656091	41.97	nq	# 96
82) Chrysene	21.06	228	4552142	47.15	nq	99
83) Bis(2-ethylhexyl)phthalate	20.97	149	2606264	47.60	nq	# 98
84) Di-n-octyl phthalate	21.82	149	4073554	45.84	nq	98
85) Indeno(1,2,3-cd)pyrene	25.20	276	3909043	39.09	nq	# 96
87) Benzo(b)fluoranthene	22.51	252	4214522	49.66	nq	# 91
88) Benzo(k)fluoranthene	22.55	252	4130104	50.77	nq	# 95
89) Benzo(a)pyrene	23.04	252	3844816	50.06	nq	# 96
90) Dibenzo(a,h)anthracene	25.22	278	3212893	45.13	nq	# 90
91) Benzo(g,h,i)perylene	25.84	276	3166082	45.29	nq	# 83

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

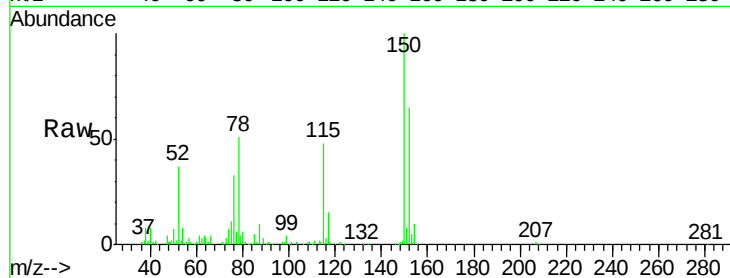


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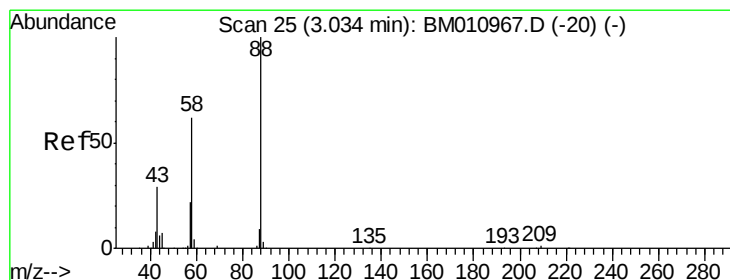
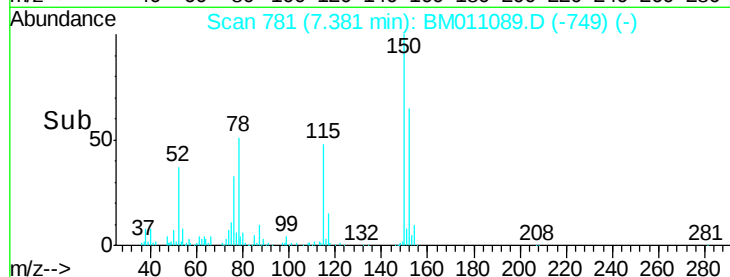
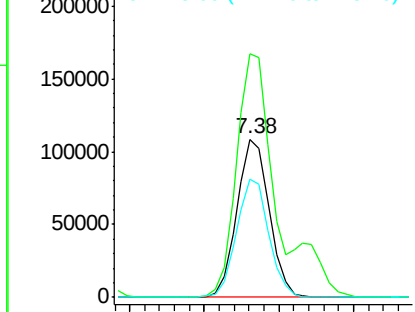
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

Instrument :
BNA_M
ClientSampleId :
PB101132BS

Tot Ion:152 Resp: 163657
Ion Ratio Lower Upper
152 100
150 153.7 119.5 179.3
115 74.5 43.0 64.4#



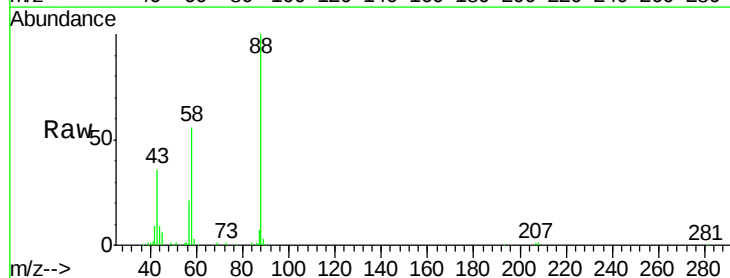
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



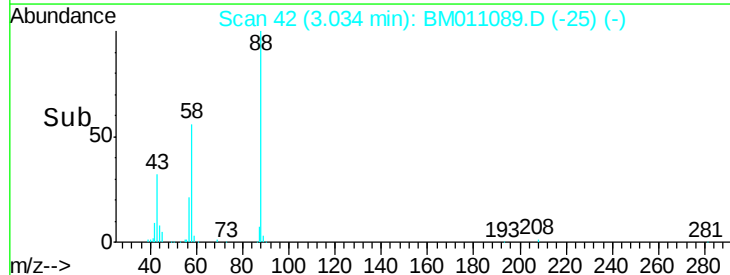
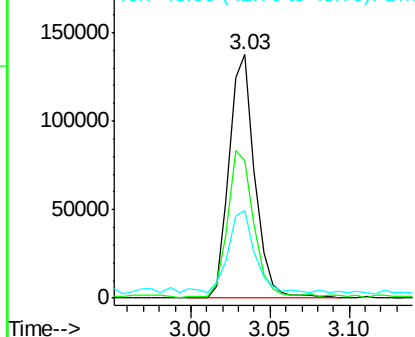
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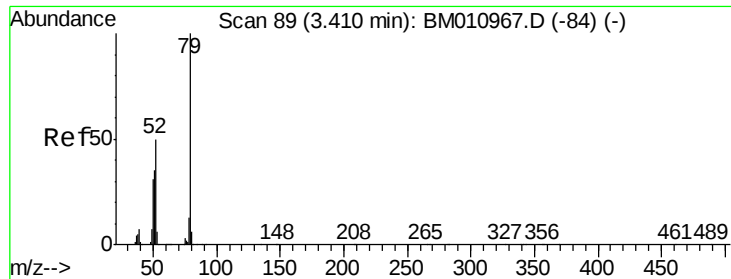
1,4-Dioxane
Concen: 35.58 ng
RT: 3.03 min Scan# 42
Delta R.T. -0.00 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

Tgt Ion: 88 Resp: 154669
Ion Ratio Lower Upper
88 100
58 62.2 0.0 0.0#
43 35.6 0.0 0.0#



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





#3

Pvridine

Concen: 32.70 ng

RT: 3.40 min Scan# 105

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

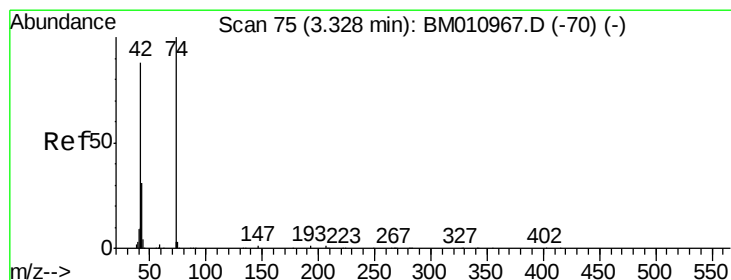
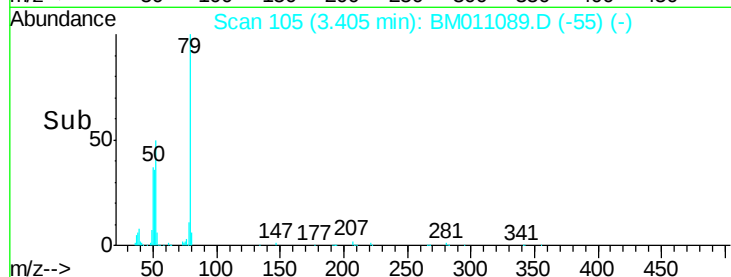
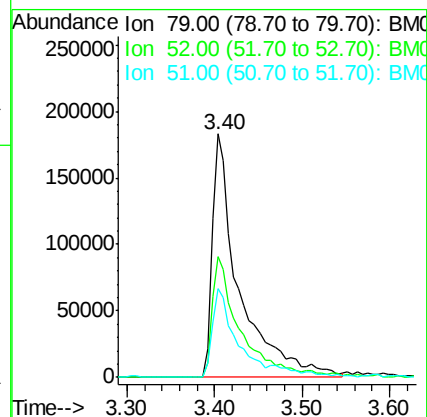
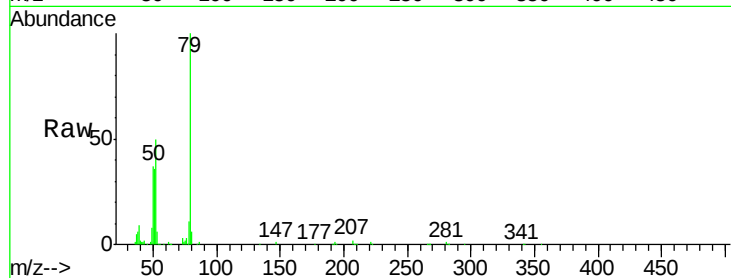
Tot Ion: 79 Resp: 388223

Ion Ratio Lower Upper

79 100

52 49.7 51.1 76.7#

51 36.4 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 55.96 ng

RT: 3.32 min Scan# 91

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

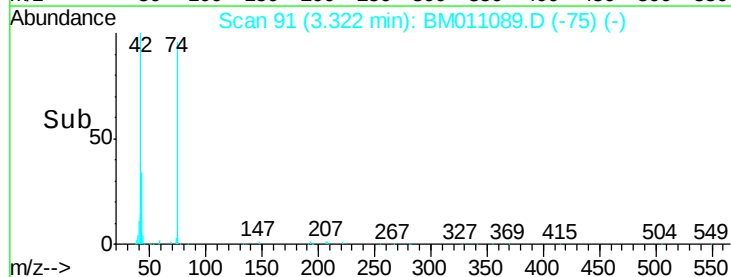
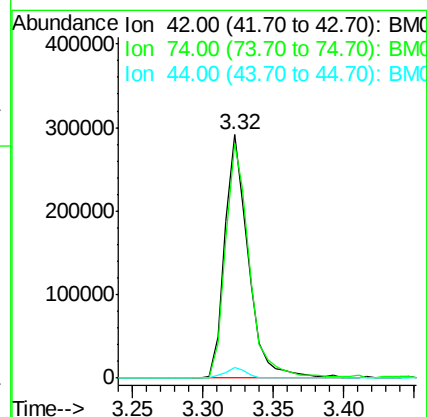
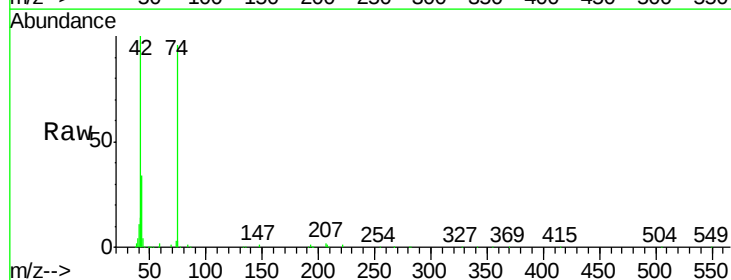
Tgt Ion: 42 Resp: 338583

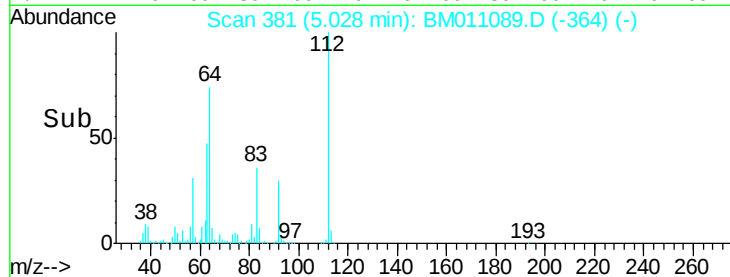
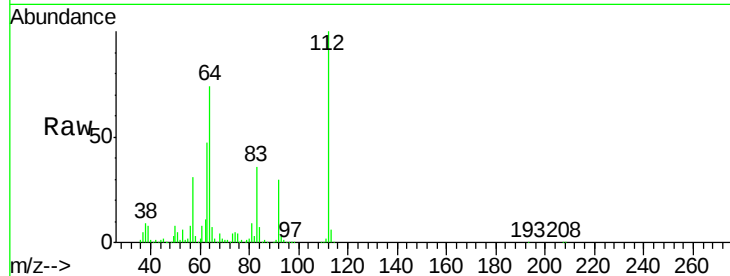
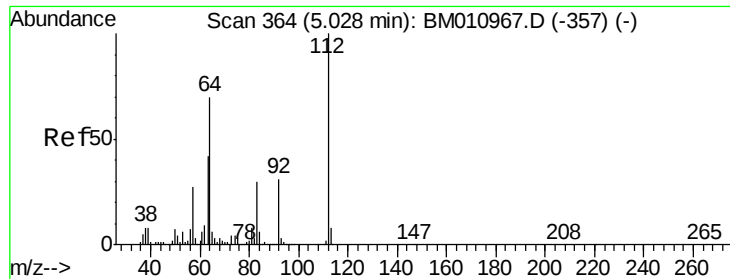
Ion Ratio Lower Upper

42 100

74 96.3 119.3 178.9#

44 4.4 5.4 8.2#





#5

2-Fluorophenol

Concen: 107.90 ng

RT: 5.03 min Scan# 381

Delta R.T. 0.00 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

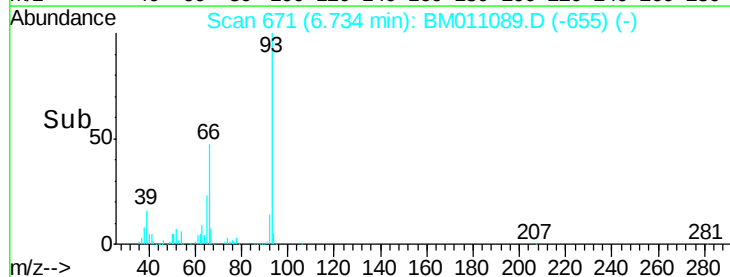
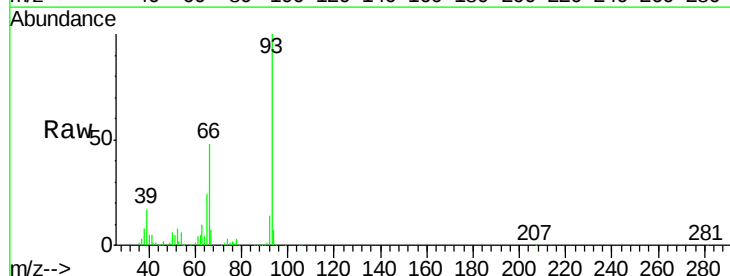
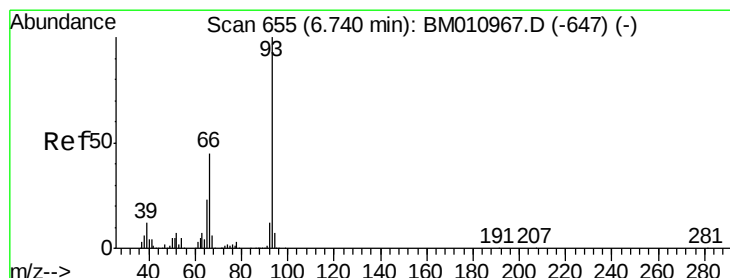
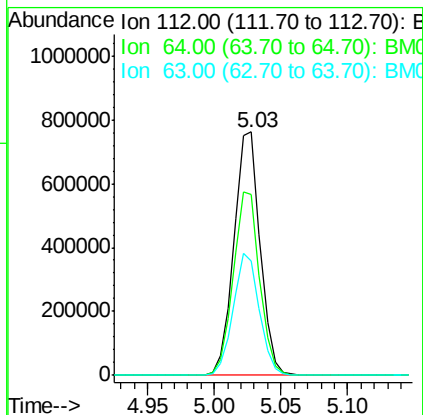
Tot Ion:112 Resp: 1044641

Ion Ratio Lower Upper

112 100

64 74.2 38.6 57.8#

63 47.0 19.3 28.9#



#6

Aniline

Concen: 31.72 ng

RT: 6.73 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

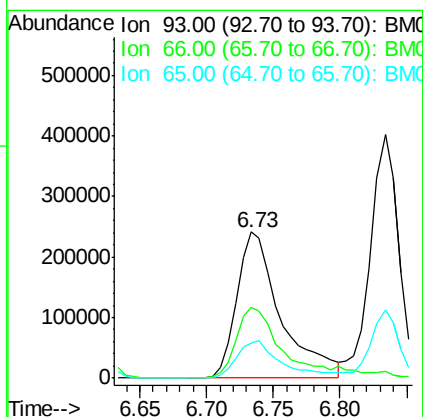
Tgt Ion: 93 Resp: 549940

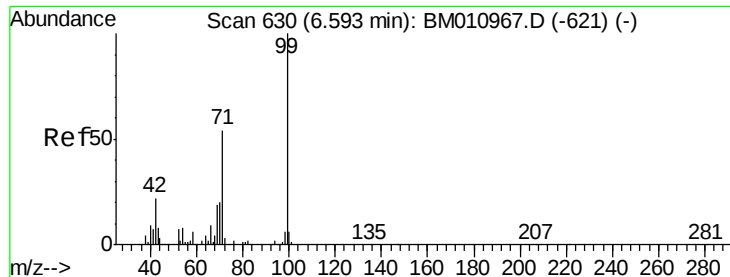
Ion Ratio Lower Upper

93 100

66 48.3 30.8 46.2#

65 24.1 16.0 24.0#





#7

Phenol-d6

Concen: 109.15 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

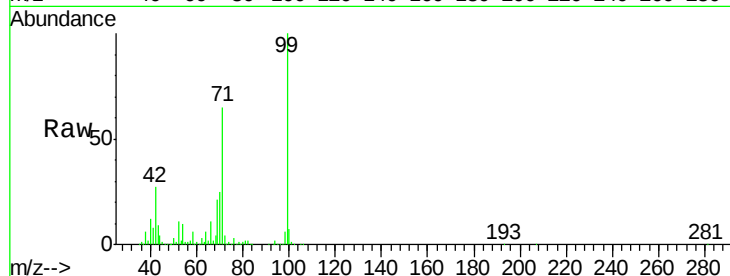
Tot Ion: 99 Resp: 1501433

Ion Ratio Lower Upper

99 100

42 26.8 11.0 16.4#

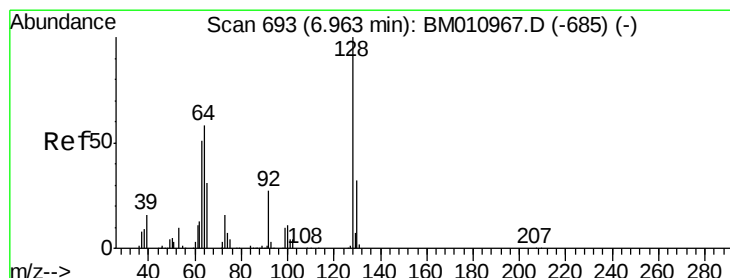
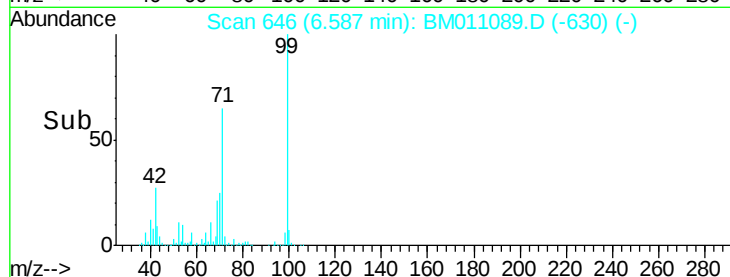
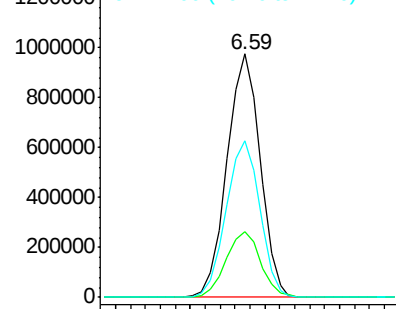
71 64.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011089.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011089.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011089.D (-630) (-)



#8

2-Chlorophenol

Concen: 48.90 ng

RT: 6.96 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

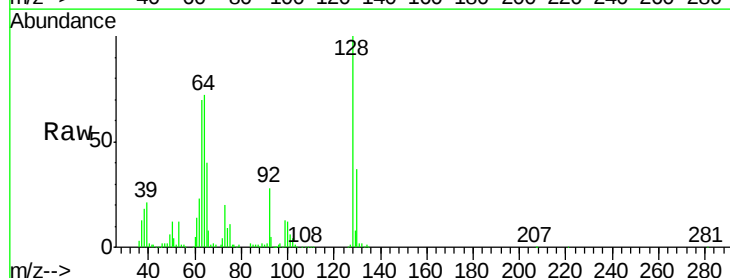
Tgt Ion: 128 Resp: 480677

Ion Ratio Lower Upper

128 100

130 37.3 12.0 52.0

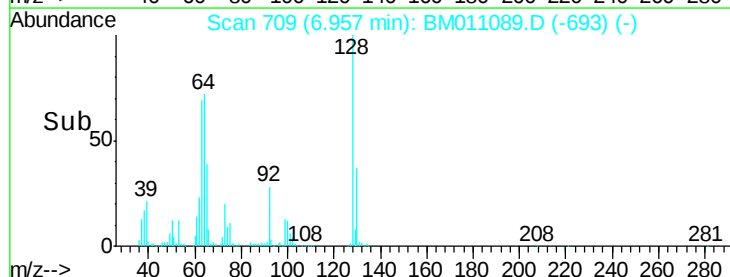
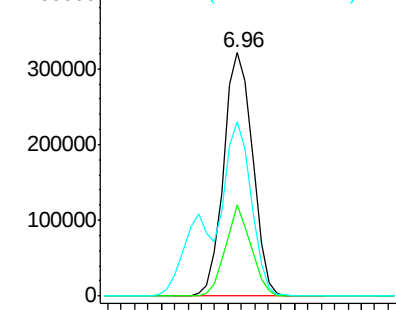
64 71.7 24.9 64.9#

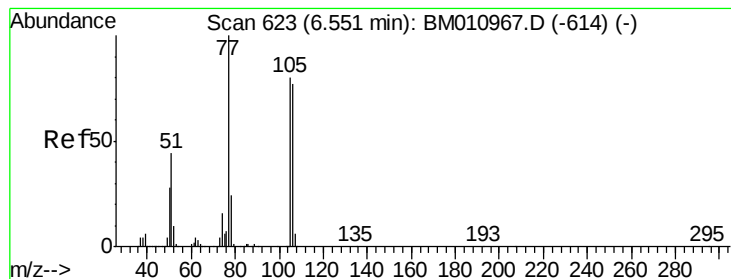


Abundance Ion 128.00 (127.70 to 128.70): BM011089.D (-693) (-)

Ion 130.00 (129.70 to 130.70): BM011089.D (-693) (-)

Ion 64.00 (63.70 to 64.70): BM011089.D (-693) (-)





#9

Benzaldehyde

Concen: 61.78 ng

RT: 6.54 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

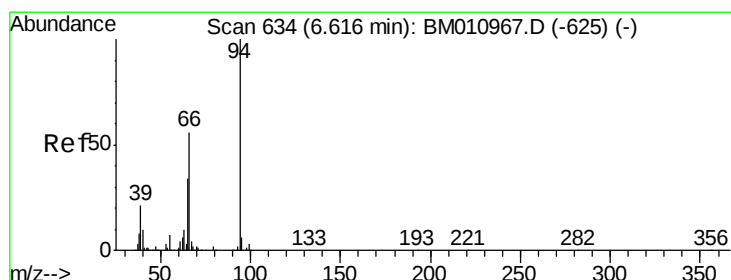
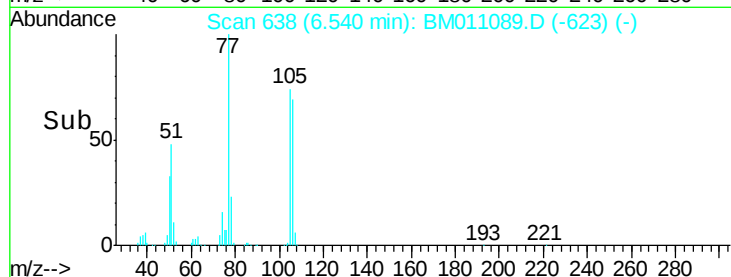
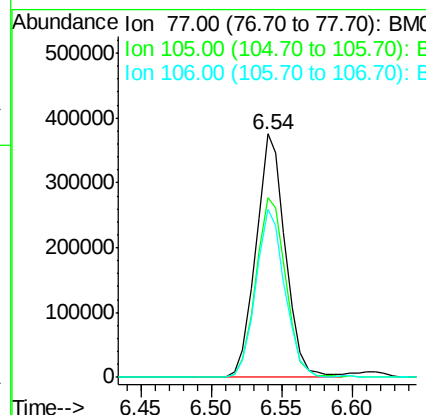
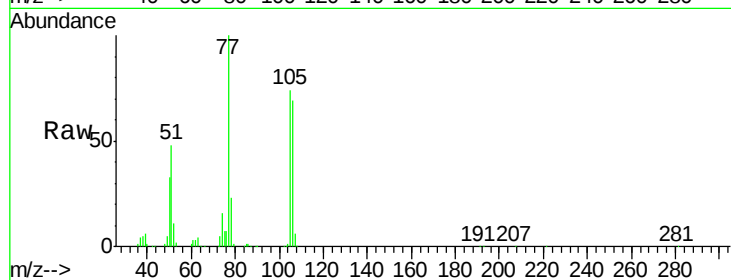
Tot Ion: 77 Resp: 549846

Ion Ratio Lower Upper

77 100

105 73.6 78.8 118.8#

106 68.9 73.7 113.7#



#10

Phenol

Concen: 50.91 ng

RT: 6.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

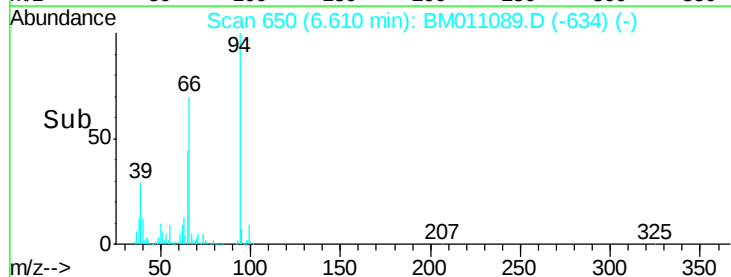
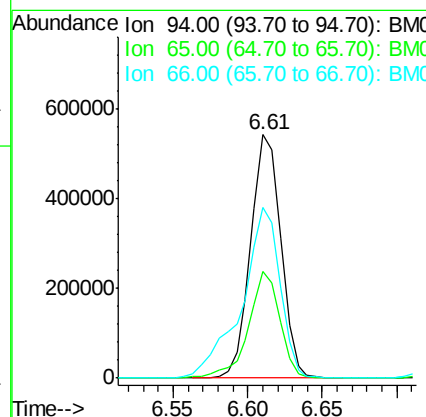
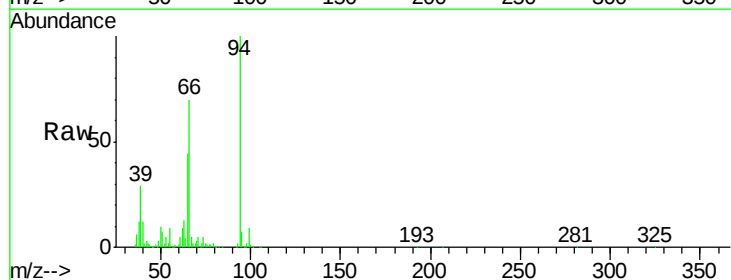
Tgt Ion: 94 Resp: 760578

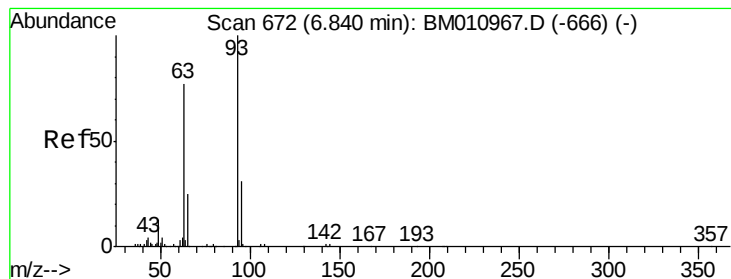
Ion Ratio Lower Upper

94 100

65 43.9 18.8 58.8

66 70.0 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 49.58 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

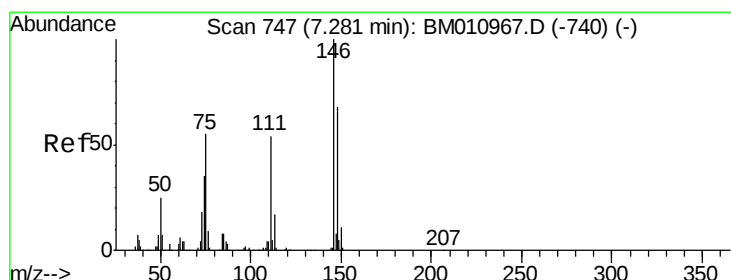
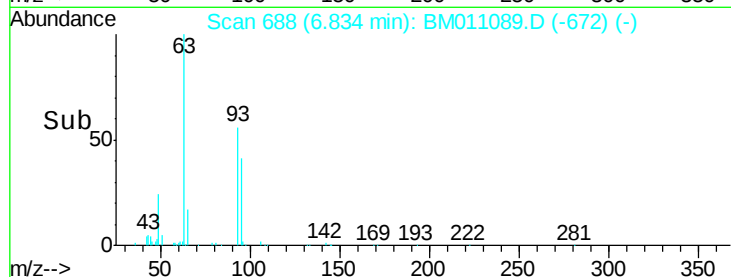
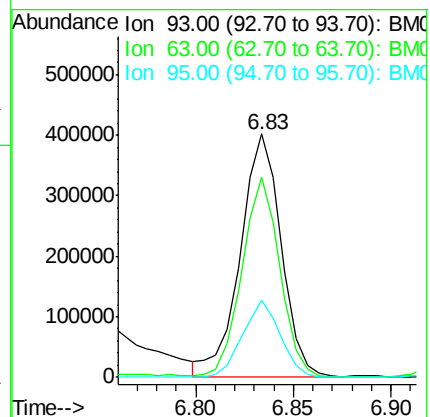
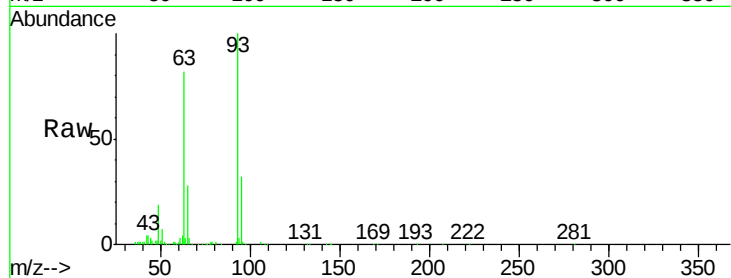
Tot Ion: 93 Resp: 577194

Ion Ratio Lower Upper

93 100

63 82.1 49.5 89.5

95 31.5 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 45.07 ng

RT: 7.27 min Scan# 762

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

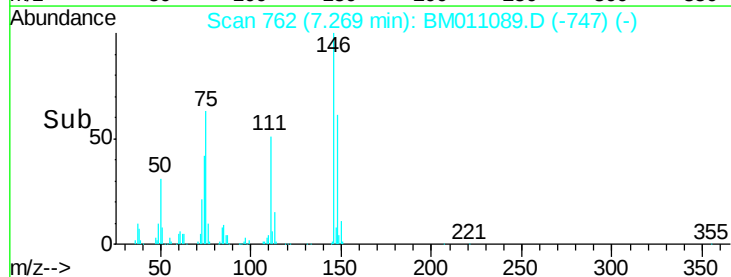
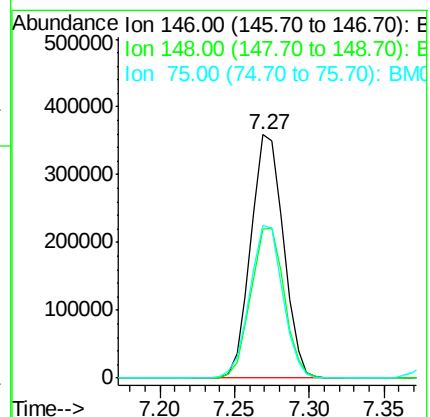
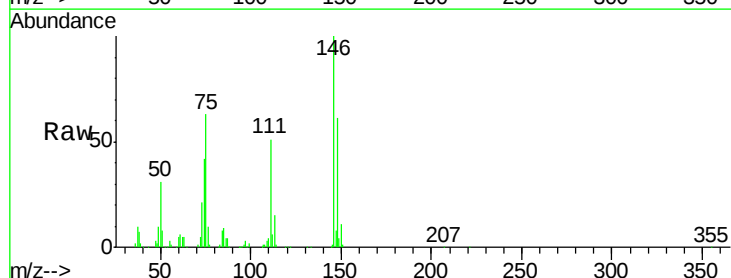
Tgt Ion: 146 Resp: 539897

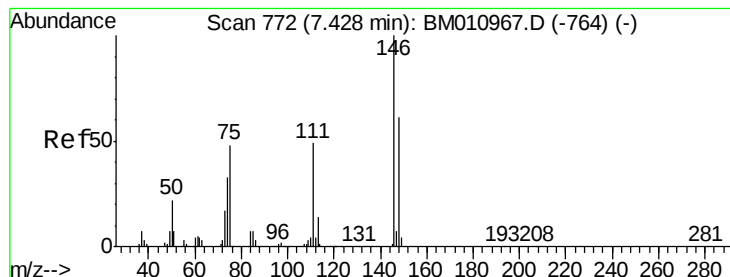
Ion Ratio Lower Upper

146 100

148 61.2 50.9 76.3

75 62.9 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 43.63 ng

RT: 7.42 min Scan# 787

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

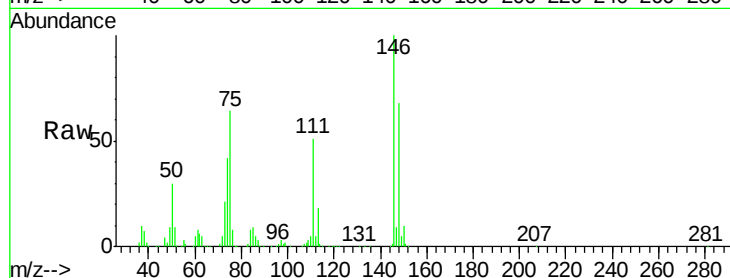
Tot Ion:146 Resp: 535720

Ion Ratio Lower Upper

146 100

148 67.9 51.9 77.9

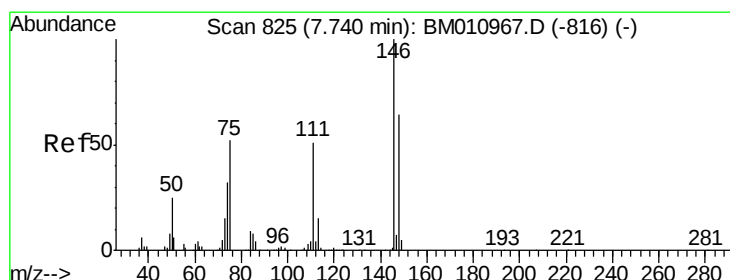
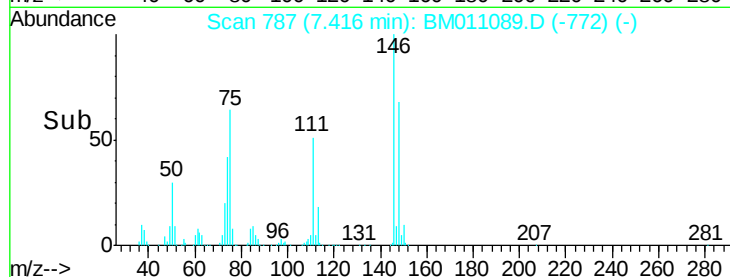
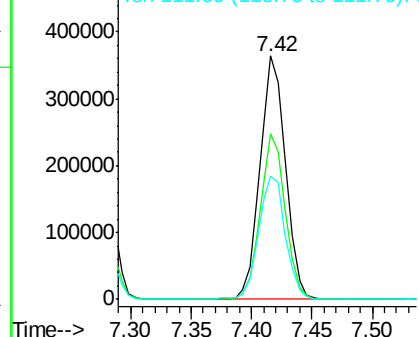
111 50.6 29.2 43.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.08 ng

RT: 7.73 min Scan# 840

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

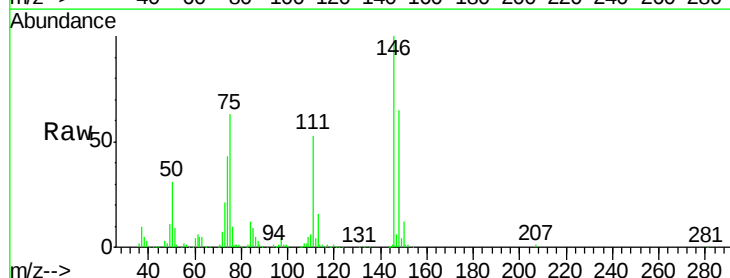
Tgt Ion:146 Resp: 529262

Ion Ratio Lower Upper

146 100

148 65.1 52.3 78.5

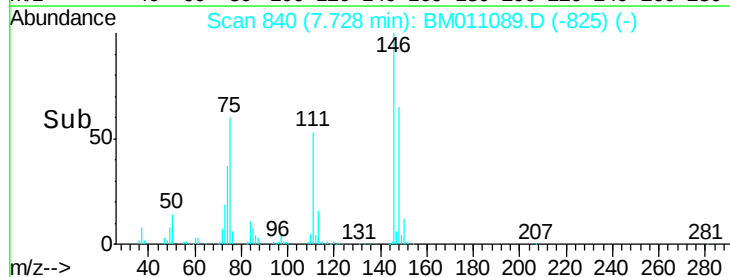
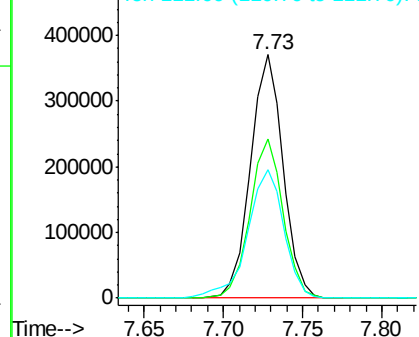
111 52.7 30.6 45.8#

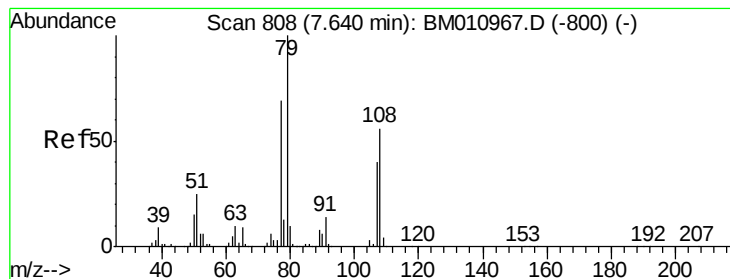


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 57.21 ng

RT: 7.63 min Scan# 824

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

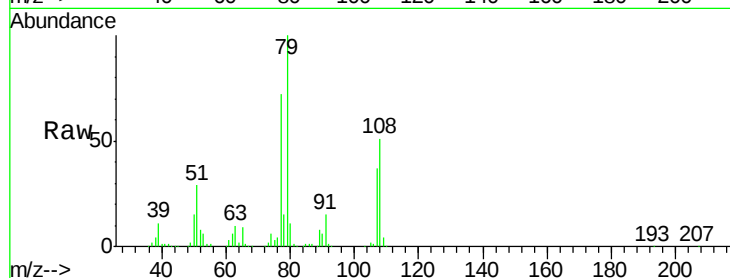
Tot Ion: 79 Resp: 754958

Ion Ratio Lower Upper

79 100

108 50.7 65.0 97.4#

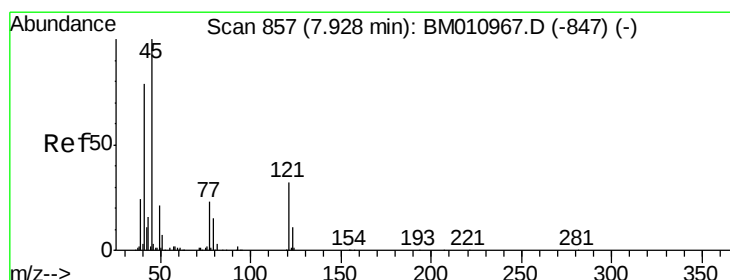
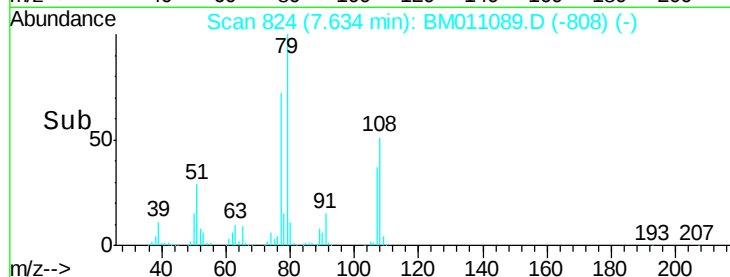
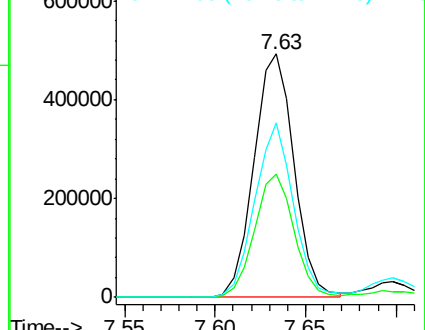
77 71.8 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM011089.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM011089.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM011089.D (-808) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 52.20 ng

RT: 7.92 min Scan# 872

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

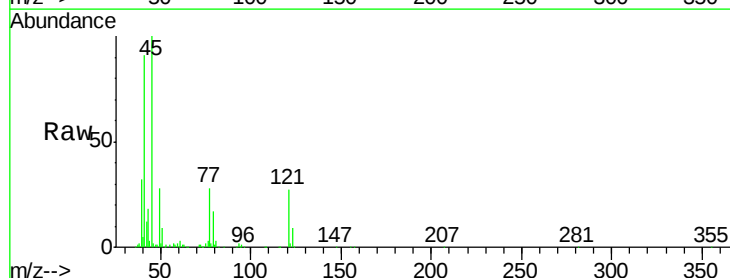
Tgt Ion: 45 Resp: 546819

Ion Ratio Lower Upper

45 100

77 27.8 0.0 35.2

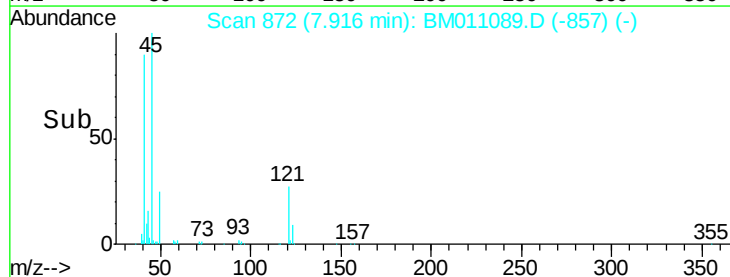
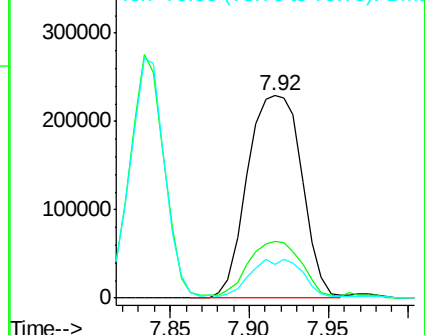
79 16.5 0.0 32.0

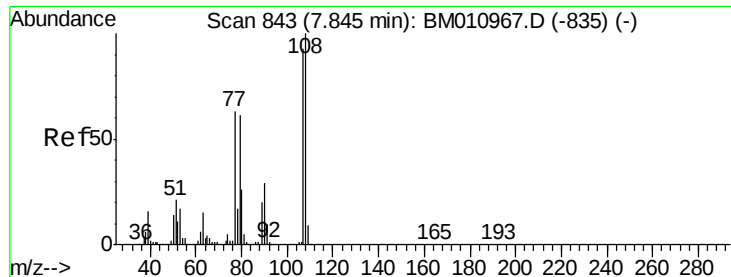


Abundance Ion 45.00 (44.70 to 45.70): BM011089.D (-857) (-)

Ion 77.00 (76.70 to 77.70): BM011089.D (-857) (-)

Ion 79.00 (78.70 to 79.70): BM011089.D (-857) (-)





#17

2-Methylphenol

Concen: 54.97 ng

RT: 7.83 min Scan# 858

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

Tot Ion:107 Resp: 524854

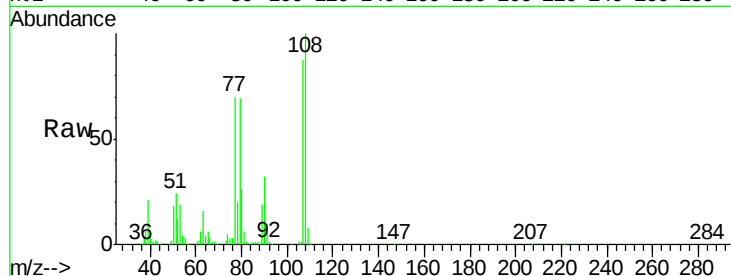
Ion Ratio Lower Upper

107 100

108 115.3 89.8 134.8

77 80.7 32.6 48.8#

79 79.7 32.8 49.2#

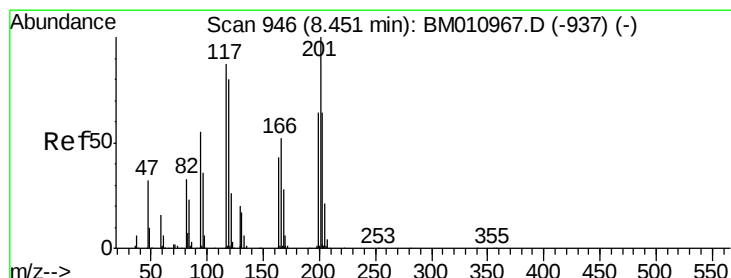
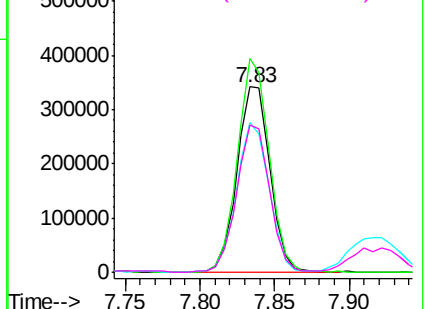
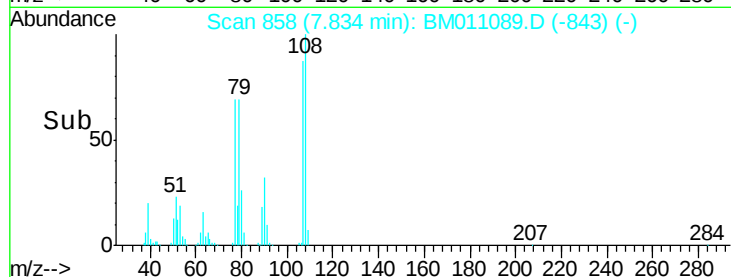


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 47.93 ng

RT: 8.44 min Scan# 961

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

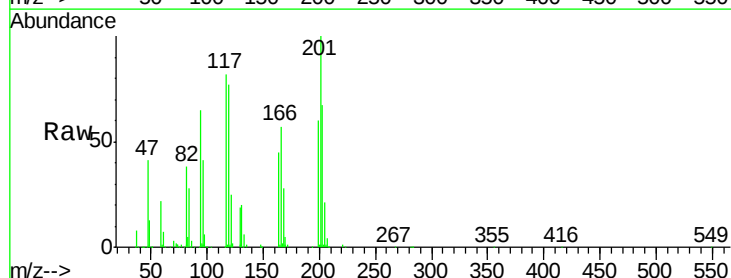
Tgt Ion:117 Resp: 256646

Ion Ratio Lower Upper

117 100

119 93.8 79.2 118.8

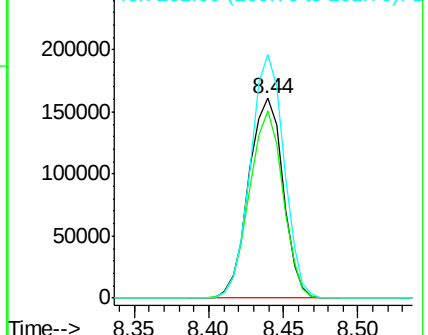
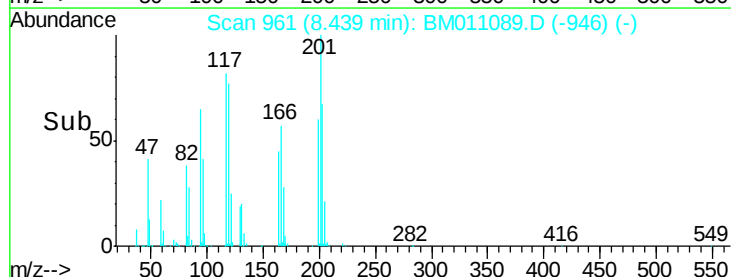
201 122.0 69.8 104.6#

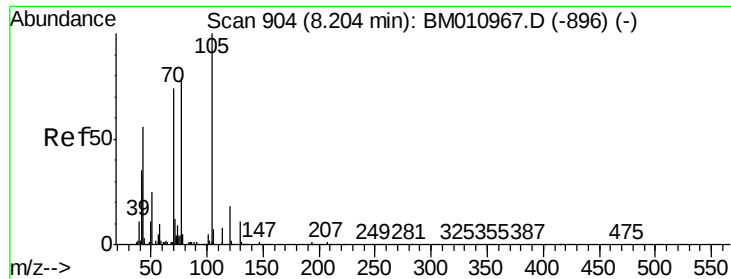


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

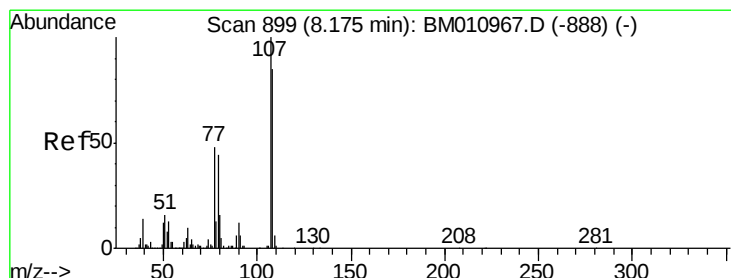
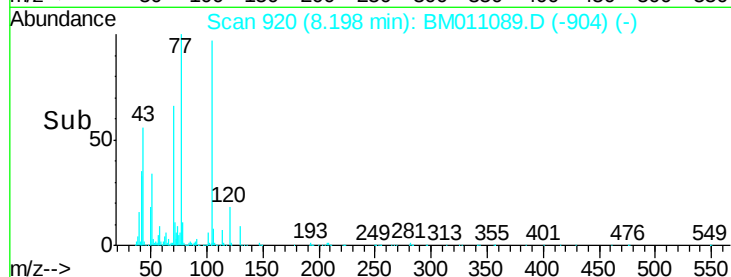
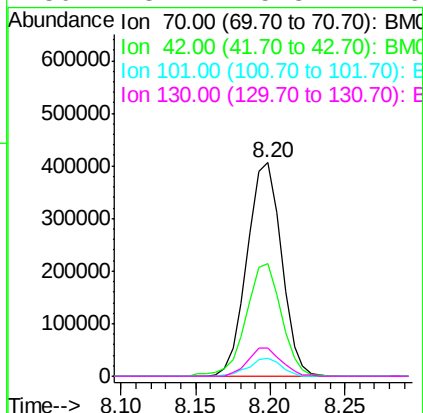
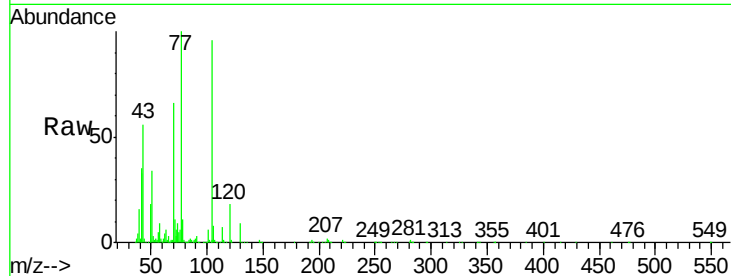




#19
n-Nitroso-di-n-propylamine
Concen: 55.41 ng
RT: 8.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

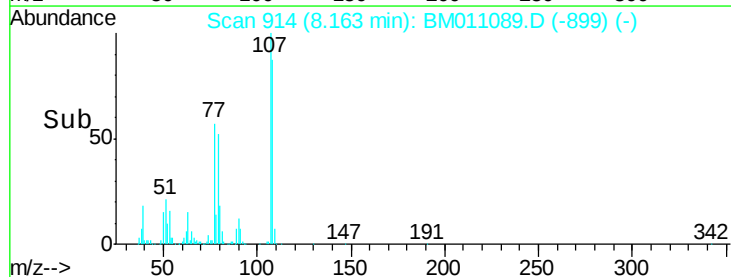
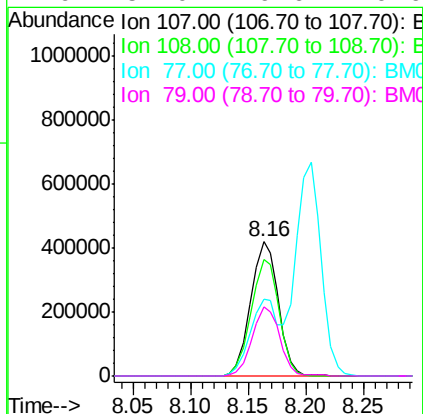
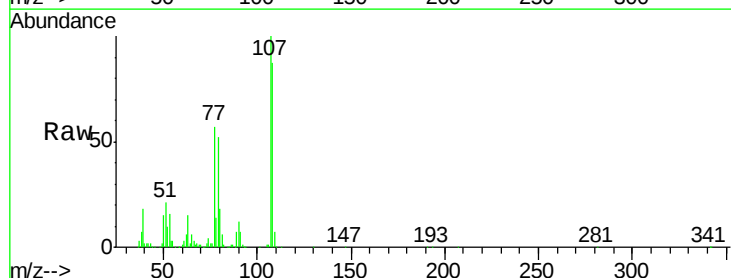
Instrument :
BNA_M
ClientSampleId :
PB101132BS

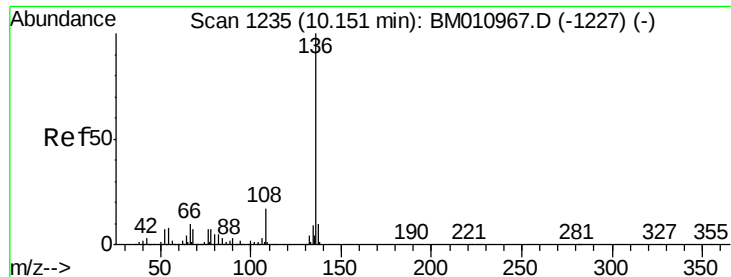
Tot Ion: 70 Resp: 647743
Ion Ratio Lower Upper
70 100
42 52.7 44.5 66.7
101 8.6 7.4 11.2
130 13.2 15.3 22.9#



#20
3+4-Methylphenols
Concen: 52.96 ng
RT: 8.16 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

Tgt Ion:107 Resp: 702999
Ion Ratio Lower Upper
107 100
108 87.3 73.2 113.2
77 56.9 10.7 50.7#
79 52.0 9.6 49.6#

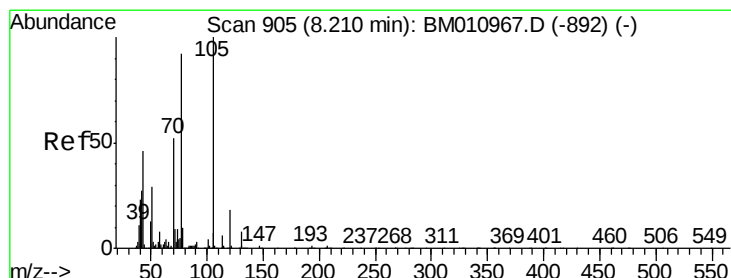
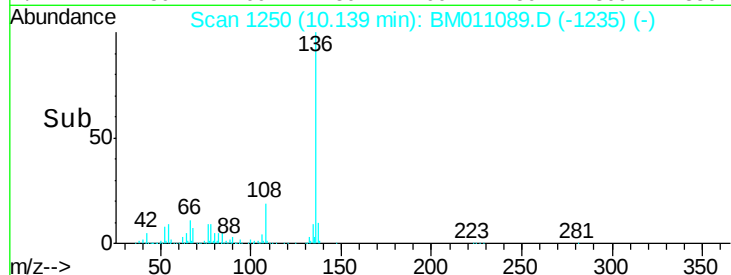
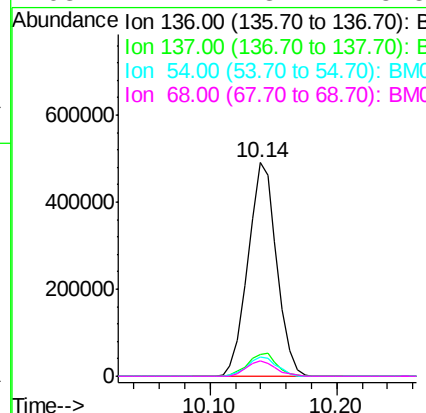
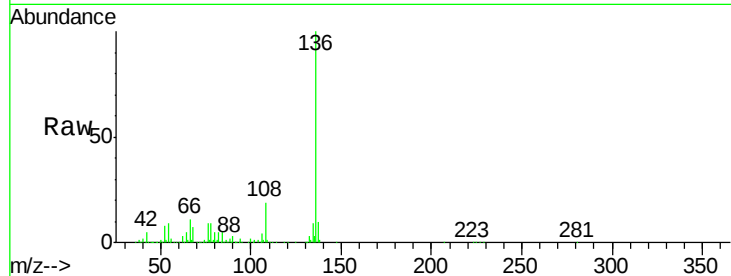




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

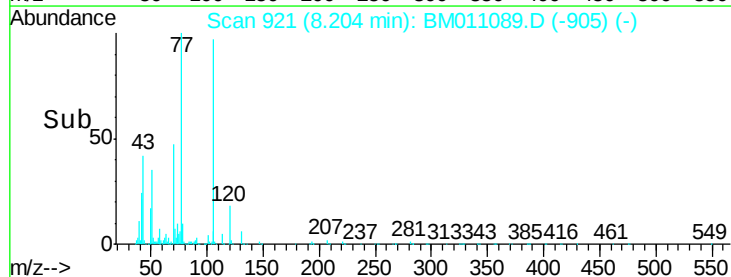
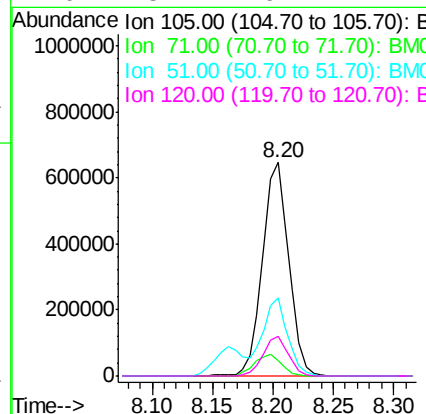
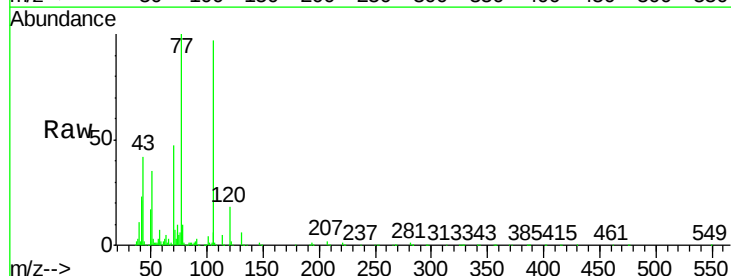
Instrument :
BNA_M
ClientSampleId :
PB101132BS

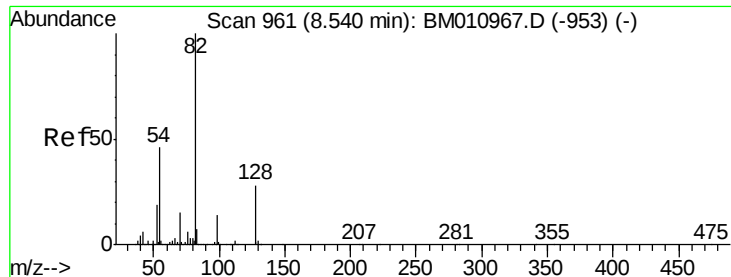
Tot Ion:136	Resp:	766589
Ion	Ratio	Lower Upper
136	100	
137	10.2	8.7 13.1
54	9.3	4.6 6.8#
68	7.1	3.7 5.5#



#22
Acetophenone
Concen: 42.98 ng
RT: 8.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

Tgt Ion:105	Resp:	987756
Ion	Ratio	Lower Upper
105	100	
71	7.5	0.6 1.0#
51	36.5	21.6 32.4#
120	18.7	16.1 24.1

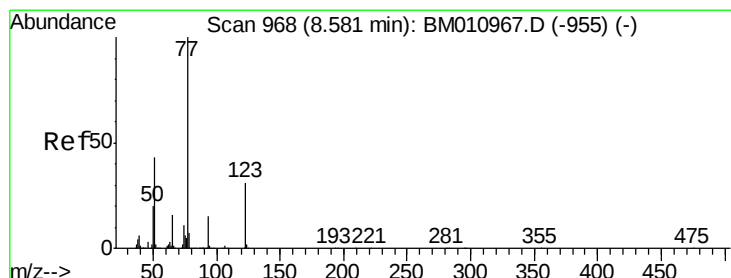
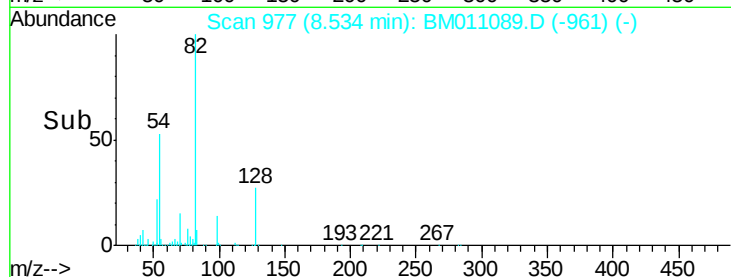
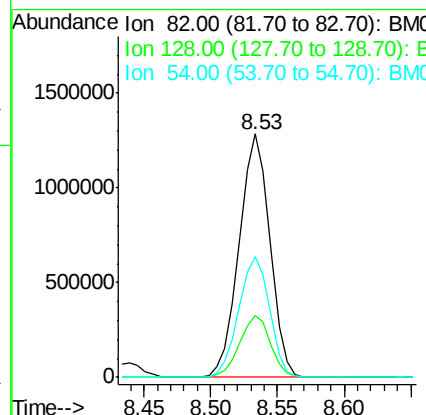
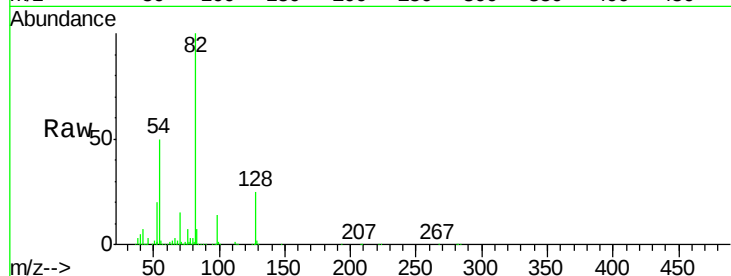




#23
 Nitrobenzene-d5
 Concen: 100.61 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011089.D
 Acq: 01 Aug 2017 19:15

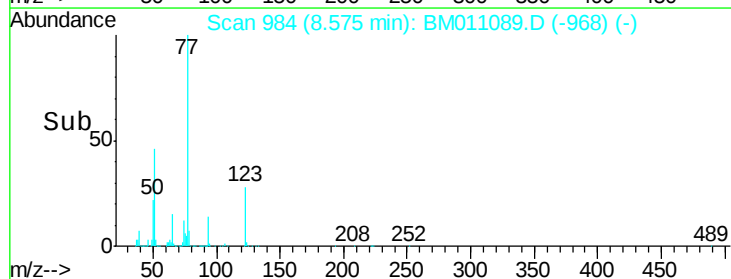
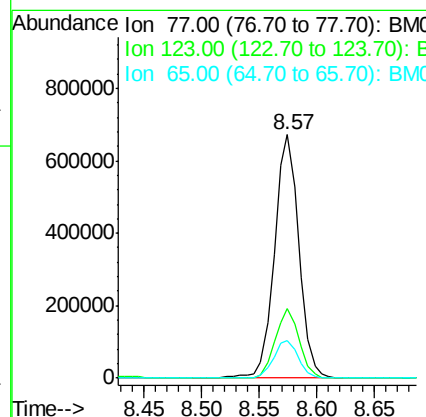
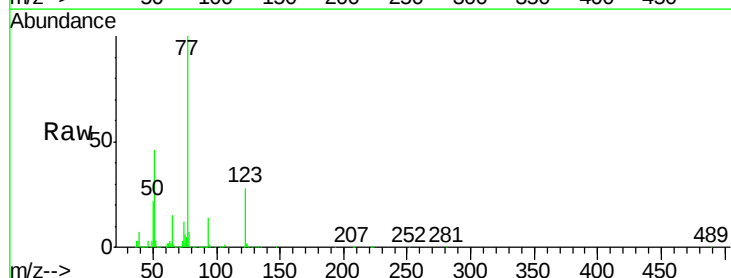
Instrument :
 BNA_M
 ClientSampleId :
 PB101132BS

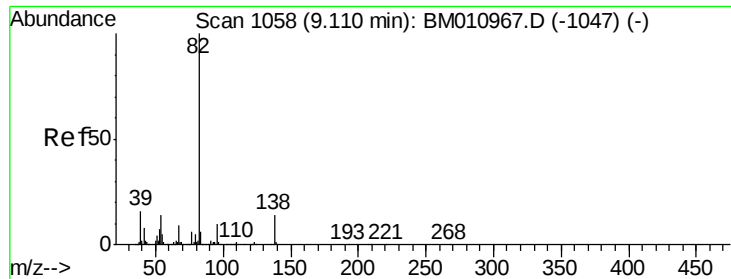
Tot Ion: 82 Resp: 2054899
 Ion Ratio Lower Upper
 82 100
 128 25.5 32.8 49.2#
 54 49.7 40.6 60.8



#24
 Nitrobenzene
 Concen: 46.58 ng
 RT: 8.57 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM011089.D
 Acq: 01 Aug 2017 19:15

Tgt Ion: 77 Resp: 985877
 Ion Ratio Lower Upper
 77 100
 123 28.4 32.6 49.0#
 65 15.5 10.9 16.3





#25

Isophorone

Concen: 48.12 ng

RT: 9.10 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampled :

PB101132BS

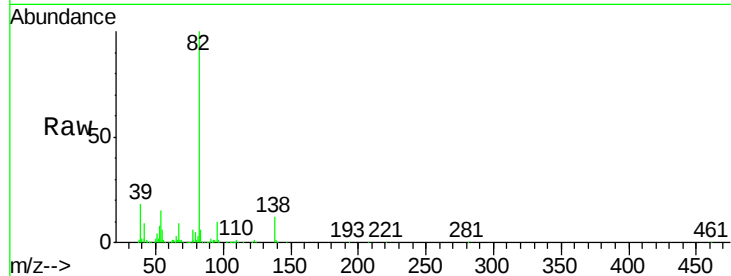
Tot Ion: 82 Resp: 1638895

Ion Ratio Lower Upper

82 100

95 10.3 5.8 8.6#

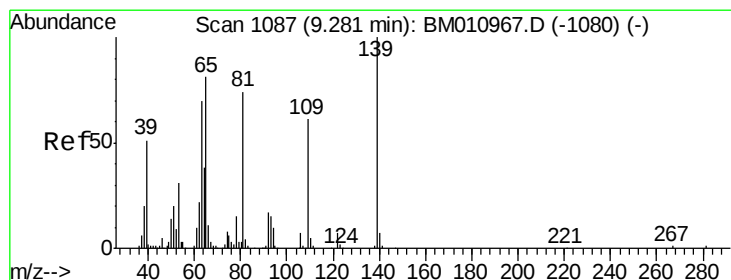
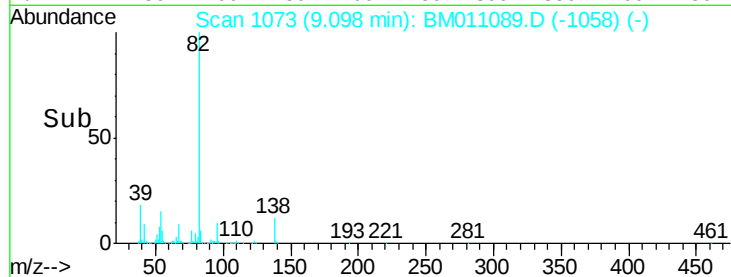
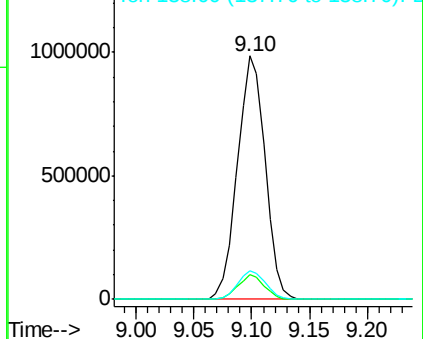
138 11.7 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM011089.D (-1047) (-)

Ion 95.00 (94.70 to 95.70): BM011089.D (-1047) (-)

Ion 138.00 (137.70 to 138.70): BM011089.D (-1047) (-)



#26

2-Nitrophenol

Concen: 45.12 ng

RT: 9.27 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

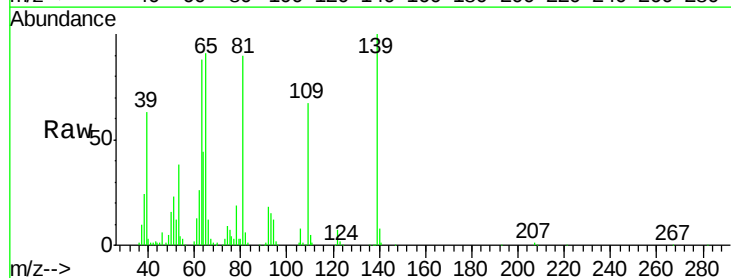
Tgt Ion: 139 Resp: 303886

Ion Ratio Lower Upper

139 100

109 67.1 20.1 30.1#

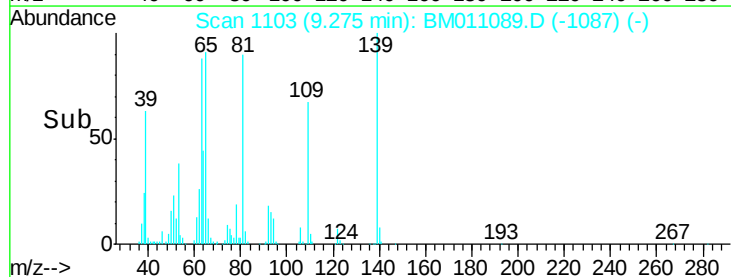
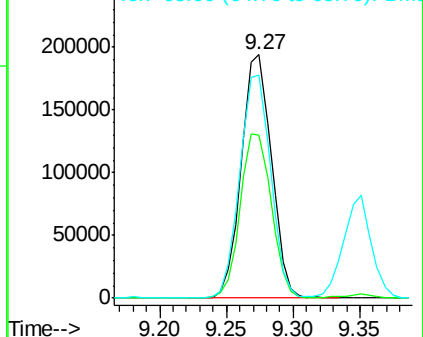
65 91.5 31.5 47.3#

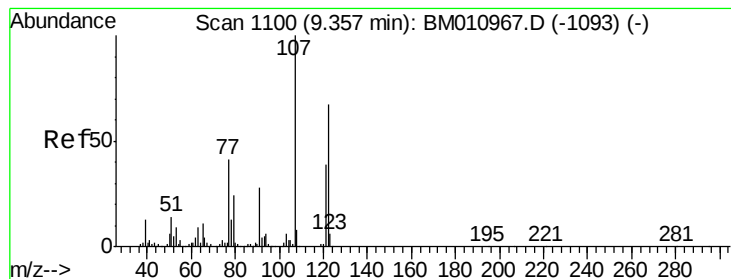


Abundance Ion 139.00 (138.70 to 139.70): BM011089.D (-1087) (-)

Ion 109.00 (108.70 to 109.70): BM011089.D (-1087) (-)

Ion 65.00 (64.70 to 65.70): BM011089.D (-1087) (-)





#27

2,4-Dimethylphenol

Concen: 47.26 ng

RT: 9.35 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

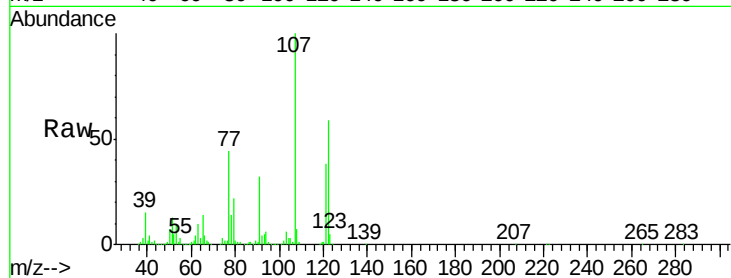
Tot Ion:122 Resp: 560270

Ion Ratio Lower Upper

122 100

107 168.2 84.7 127.1#

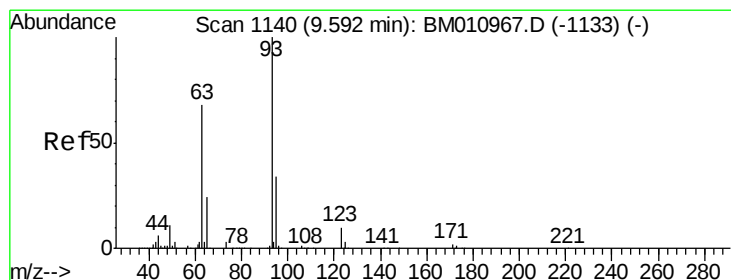
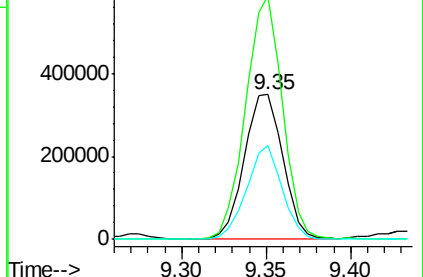
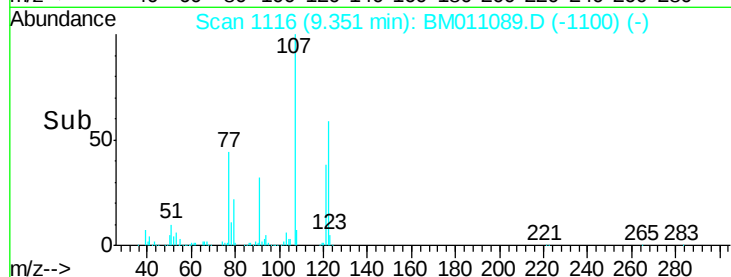
121 64.8 46.6 69.8



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: 47.52 ng

RT: 9.59 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

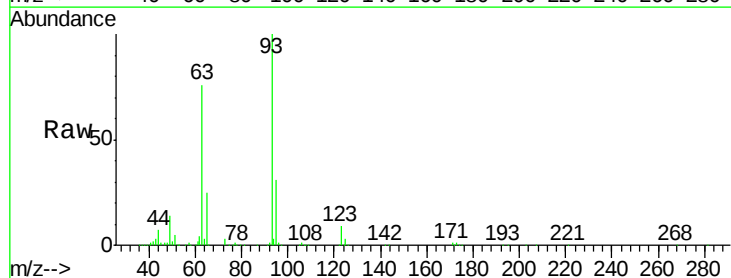
Tgt Ion: 93 Resp: 902551

Ion Ratio Lower Upper

93 100

95 30.8 25.5 38.3

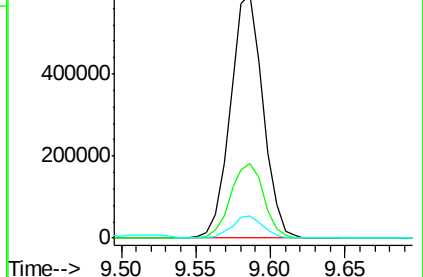
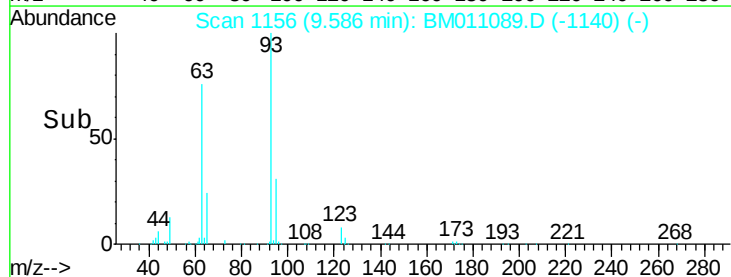
123 9.0 8.6 13.0

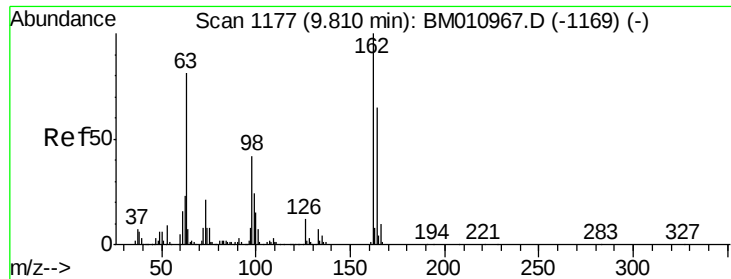


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

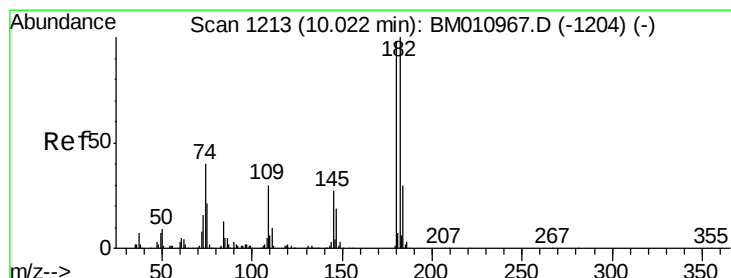
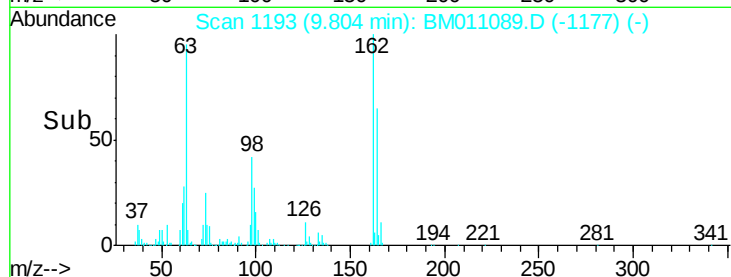
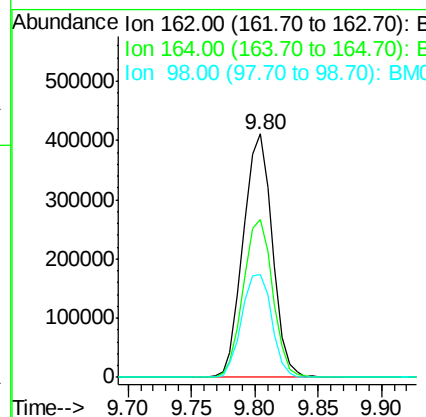
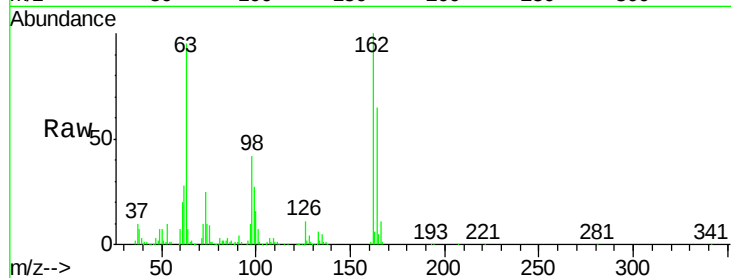




#29
2,4-Dichlorophenol
Concen: 49.32 ng
RT: 9.80 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

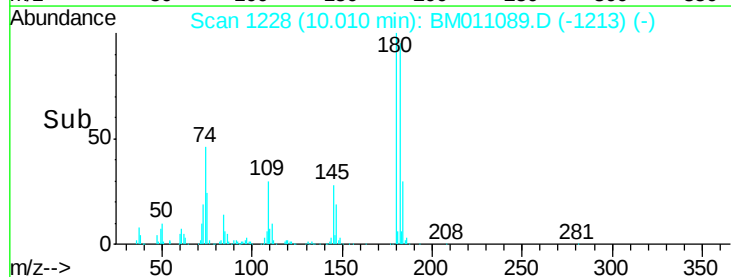
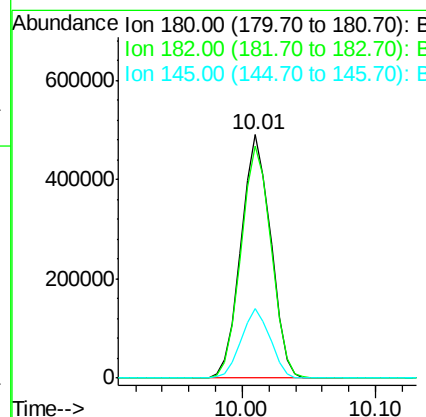
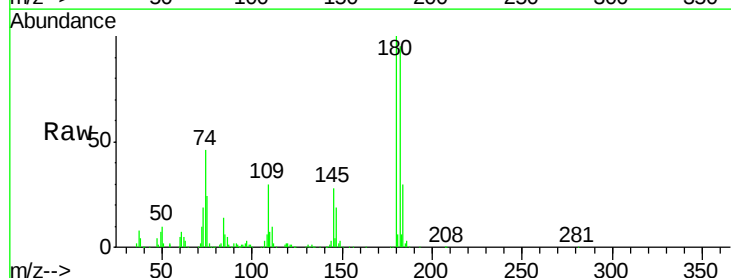
Instrument :
BNA_M
ClientSampleId :
PB101132BS

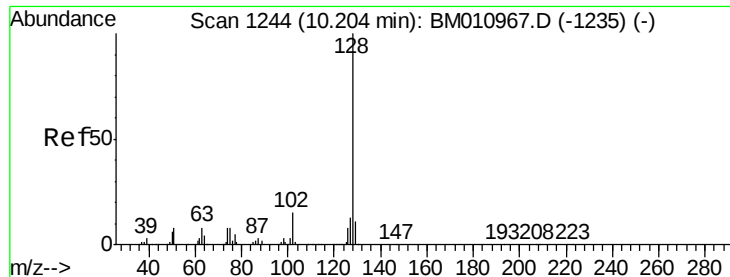
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.8	82.8
98	42.4	14.5	54.5



#30
1,2,4-Trichlorobenzene
Concen: 45.84 ng
RT: 10.01 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.6	116.4
145	28.3	23.4	35.2

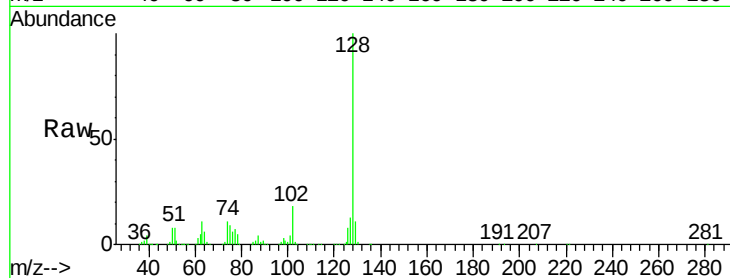




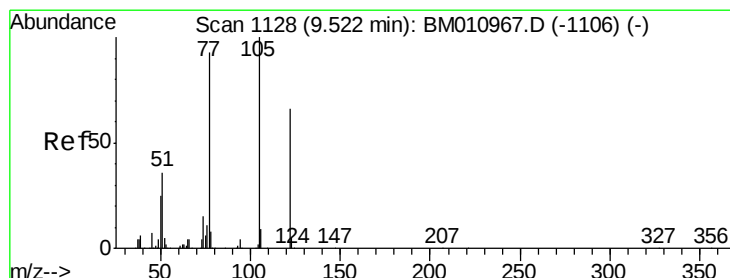
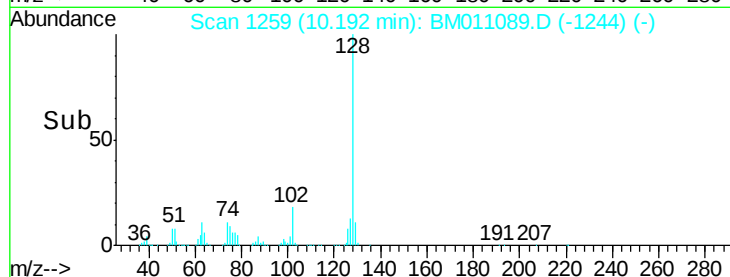
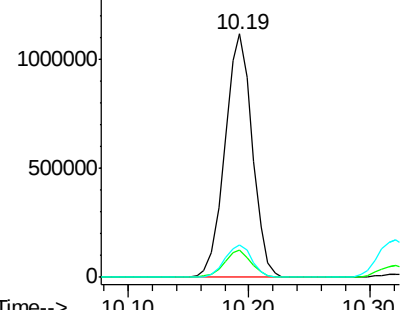
#31
Naphthalene
Concen: 45.60 ng
RT: 10.19 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

Instrument :
BNA_M
ClientSampleId :
PB101132BS

Tot Ion:128 Resp: 1758409
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.5 10.4 15.6

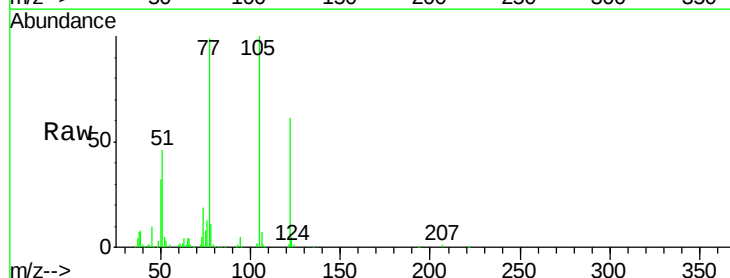


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

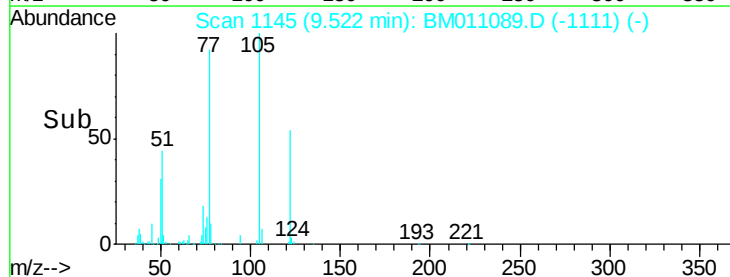
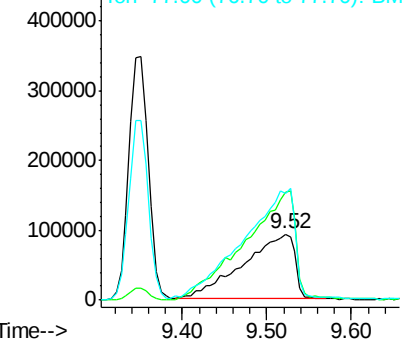


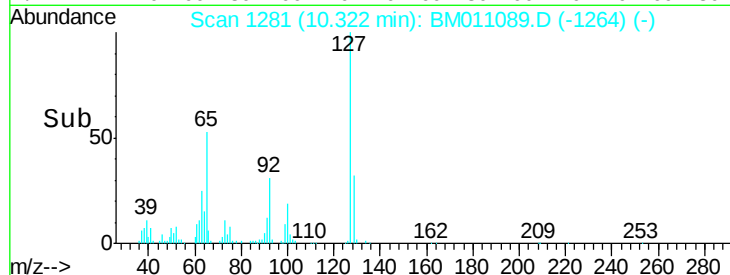
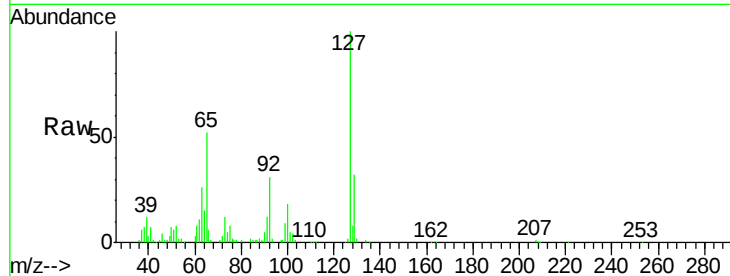
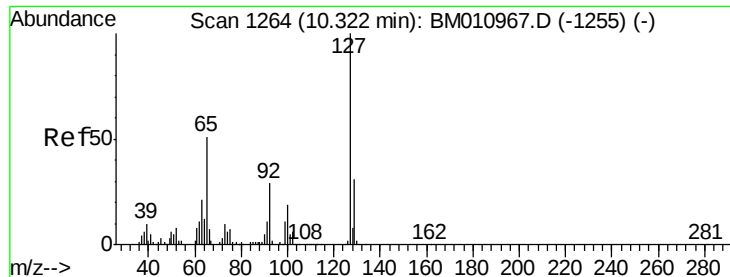
#32
Benzoic acid
Concen: 41.31 ng
RT: 9.52 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

Tgt Ion:122 Resp: 393614
Ion Ratio Lower Upper
122 100
105 162.8 99.9 139.9#
77 160.8 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

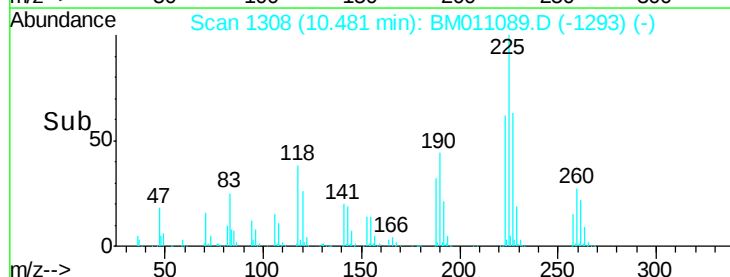
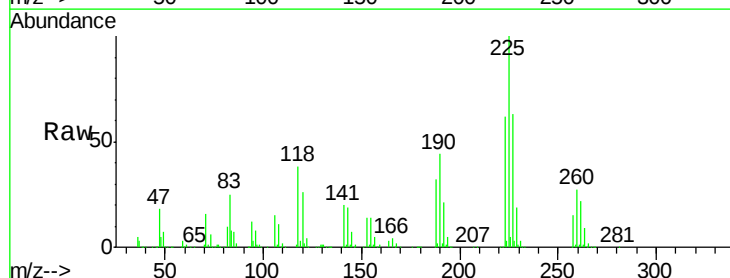
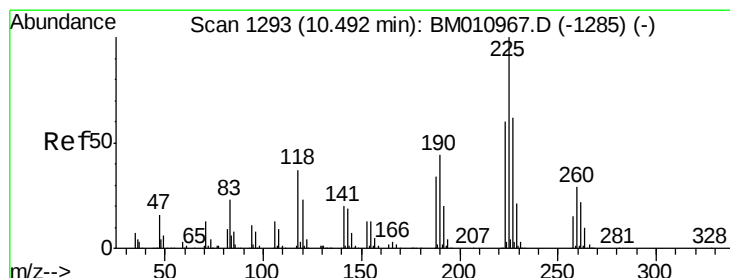
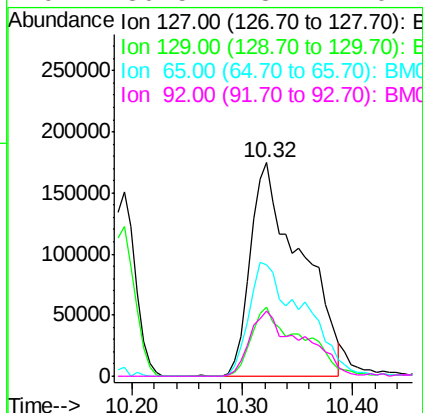




#33
4-Chloroaniline
Concen: 36.21 ng
RT: 10.32 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

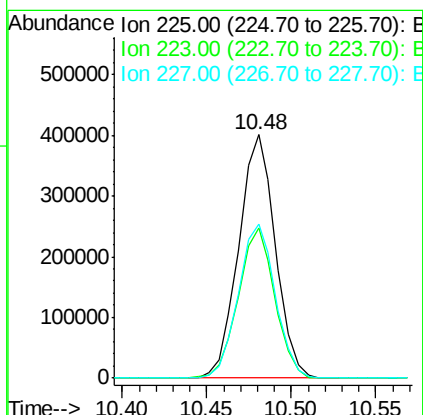
Instrument :
BNA_M
ClientSampleId :
PB101132BS

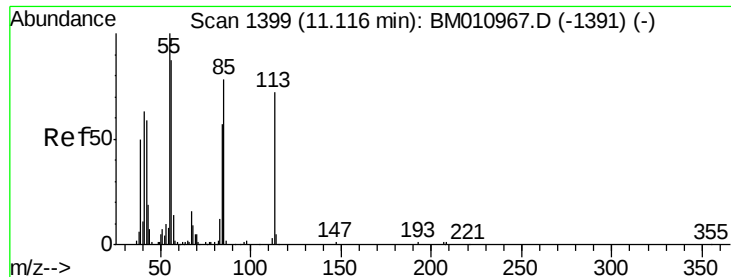
Tot Ion:	127	Resp:	557084
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.3	37.9
65	52.2	17.6	26.4#
92	30.5	13.1	19.7#



#34
Hexachlorobutadiene
Concen: 46.58 ng
RT: 10.48 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

Tgt Ion:	225	Resp:	604310
Ion	Ratio	Lower	Upper
225	100		
223	61.6	47.9	71.9
227	63.1	50.1	75.1





#35

Caprolactam

Concen: 24.78 ng

RT: 11.12 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

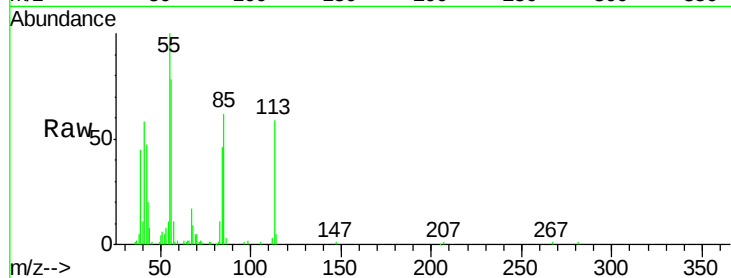
Tot Ion:113 Resp: 93602

Ion Ratio Lower Upper

113 100

55 169.8 145.9 185.9

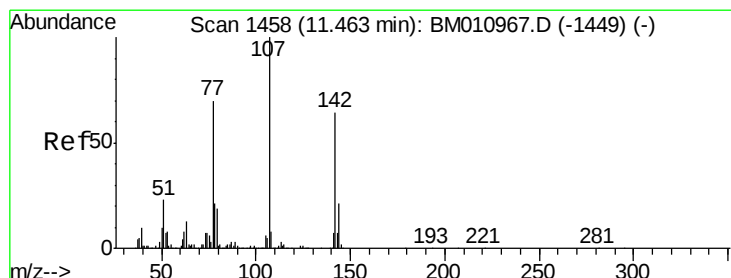
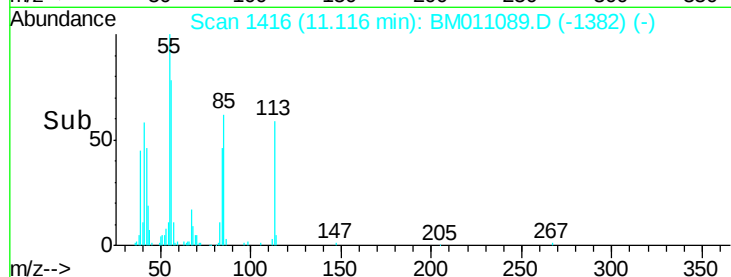
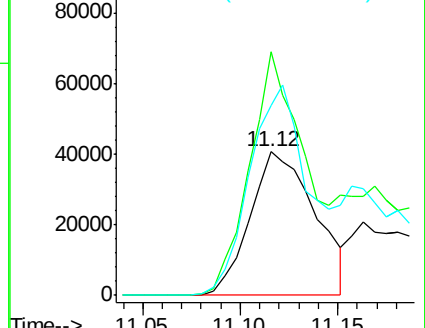
56 132.8 101.0 141.0



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: 49.58 ng

RT: 11.45 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

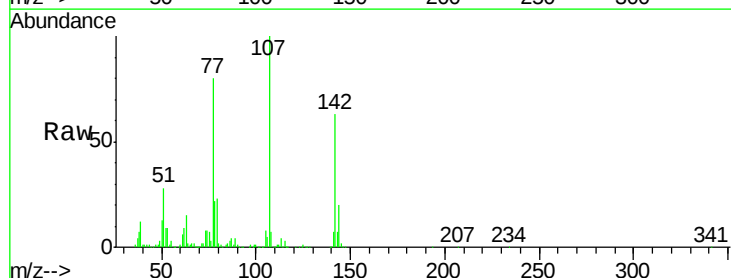
Tgt Ion:107 Resp: 852939

Ion Ratio Lower Upper

107 100

144 20.0 23.3 34.9#

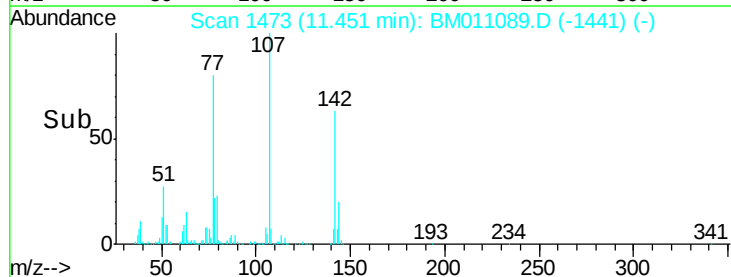
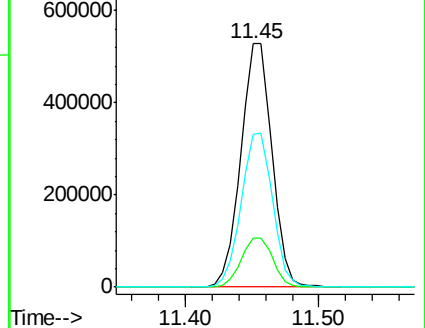
142 62.8 72.6 109.0#

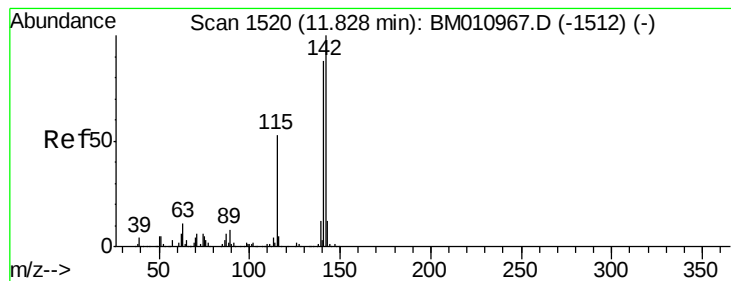


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 52.42 ng

RT: 11.82 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

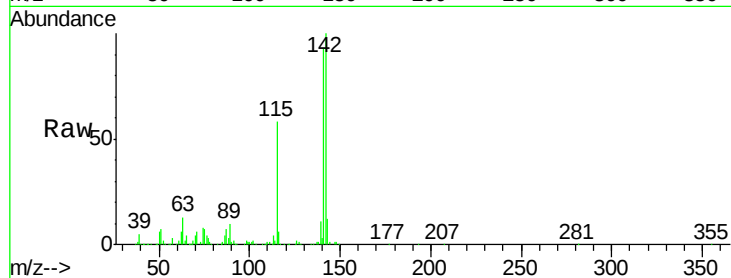
Tot Ion:142 Resp: 1484940

Ion Ratio Lower Upper

142 100

141 92.7 71.9 107.9

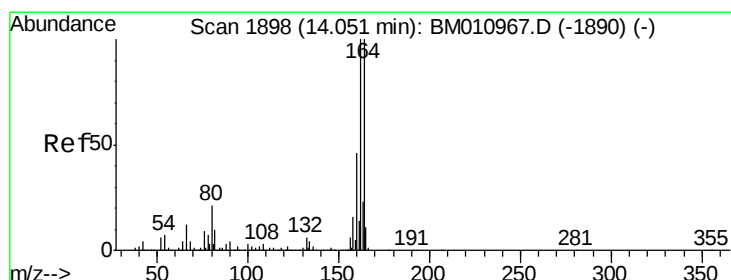
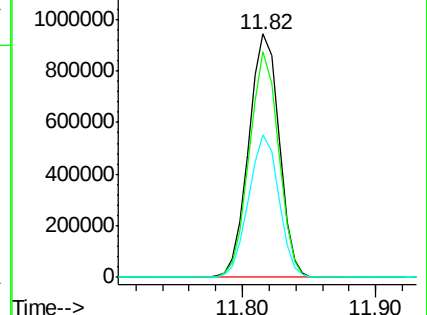
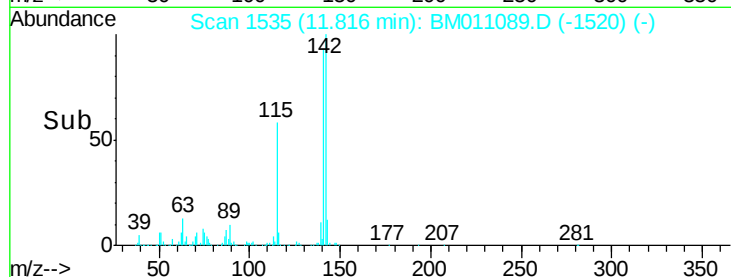
115 58.4 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

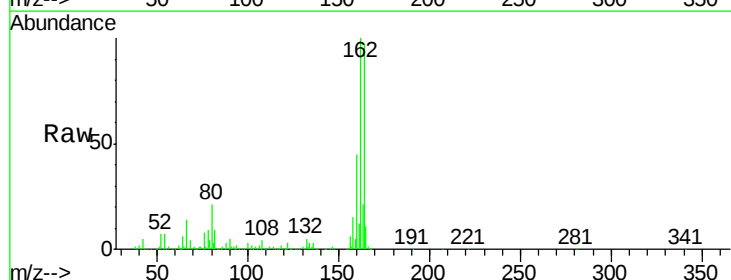
Tgt Ion:164 Resp: 621947

Ion Ratio Lower Upper

164 100

162 103.6 82.4 123.6

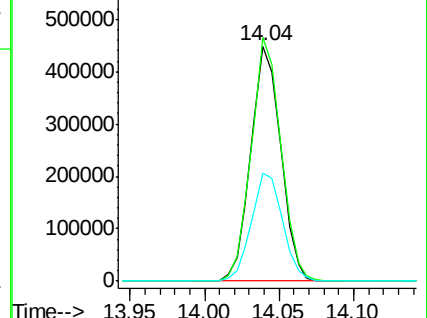
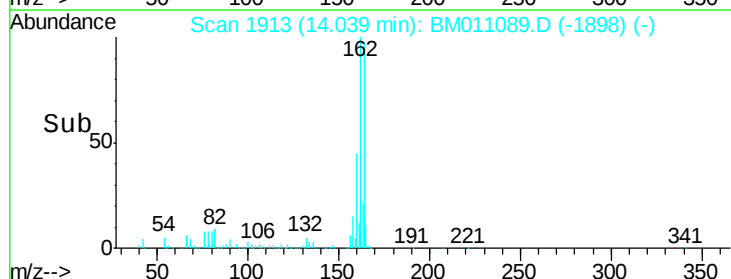
160 46.2 35.8 53.6

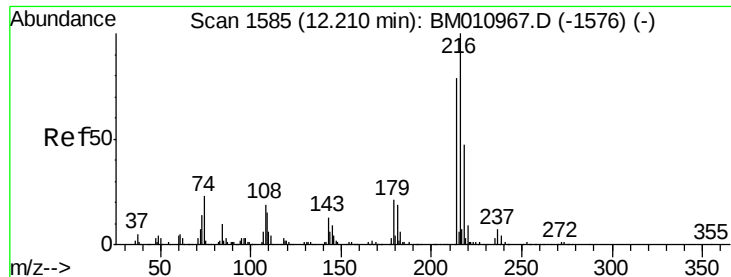


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

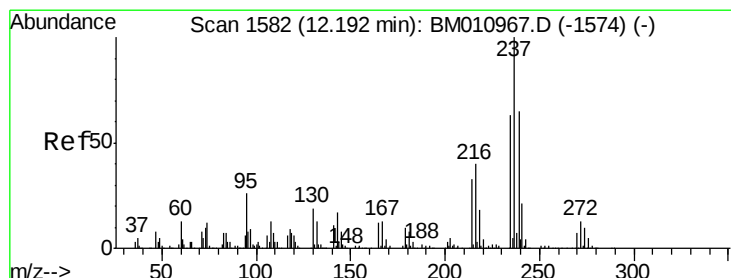
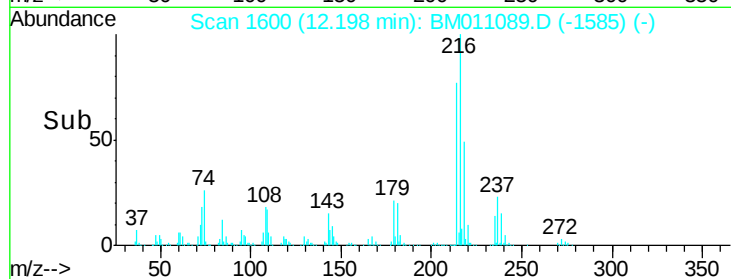
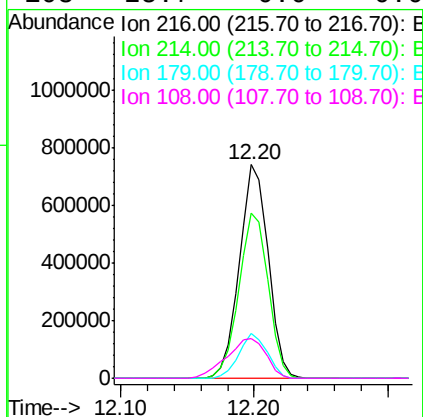
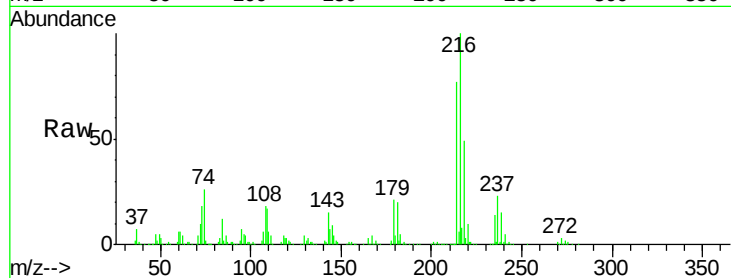




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.37 ng
 RT: 12.20 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BM011089.D
 Acq: 01 Aug 2017 19:15

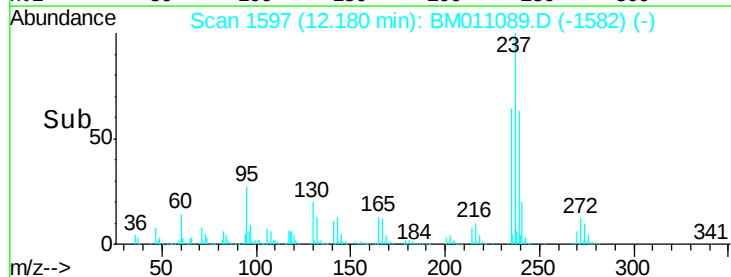
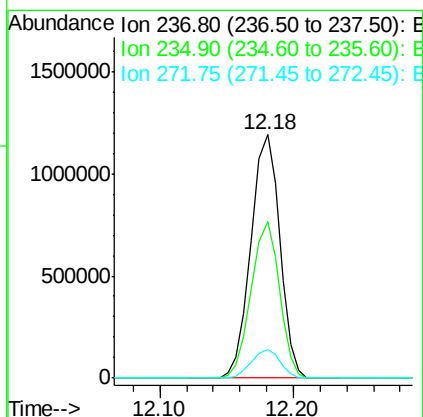
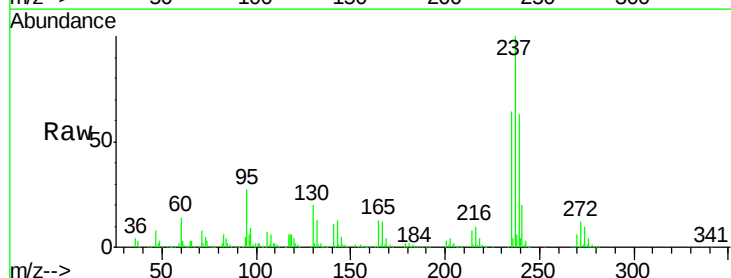
Instrument :
 BNA_M
 ClientSampleId :
 PB101132BS

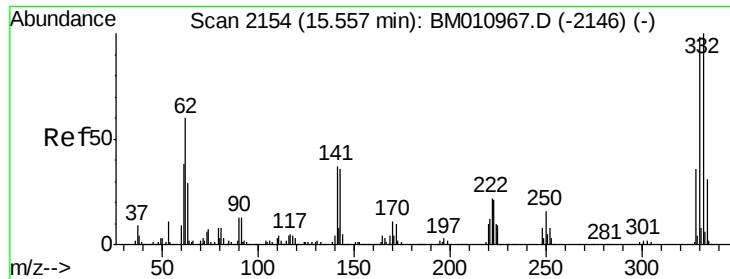
Tot Ion:216 Resp: 1105376
 Ion Ratio Lower Upper
 216 100
 214 78.4 0.0 0.0#
 179 20.3 0.0 0.0#
 108 25.7 0.0 0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 114.04 ng
 RT: 12.18 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BM011089.D
 Acq: 01 Aug 2017 19:15

Tgt Ion:237 Resp: 1775612
 Ion Ratio Lower Upper
 237 100
 235 64.5 42.0 82.0
 272 11.7 0.0 33.4

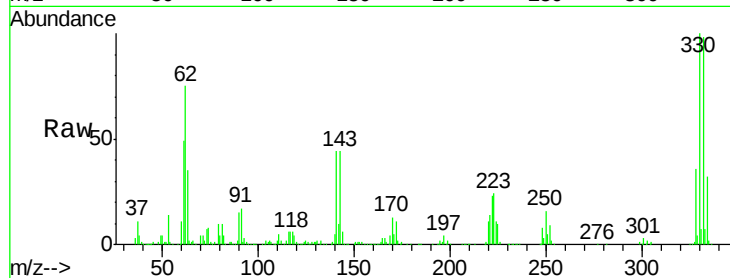




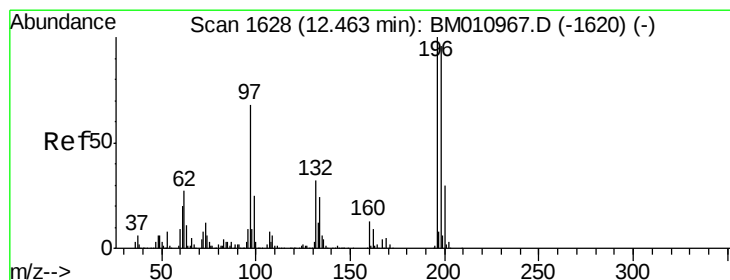
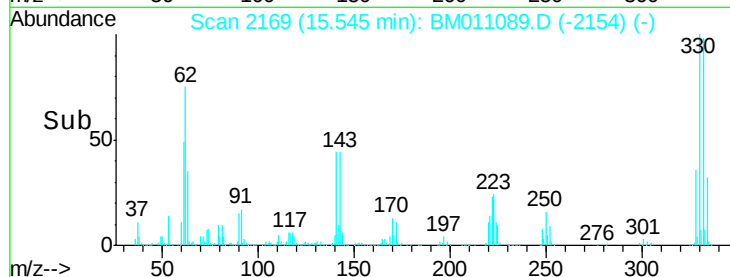
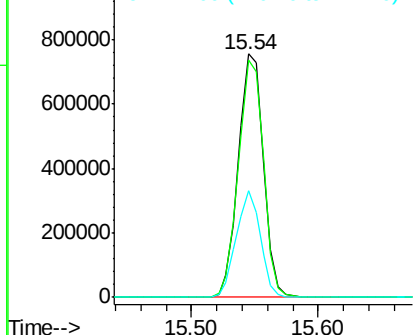
#41
 2,4,6-Tribromophenol
 Concen: 103.61 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011089.D
 Acq: 01 Aug 2017 19:15

Instrument :
 BNA_M
 ClientSampleId :
 PB101132BS

Tot Ion:330 Resp: 1032832
 Ion Ratio Lower Upper
 330 100
 332 97.7 0.0 0.0#
 141 42.1 0.0 0.0#

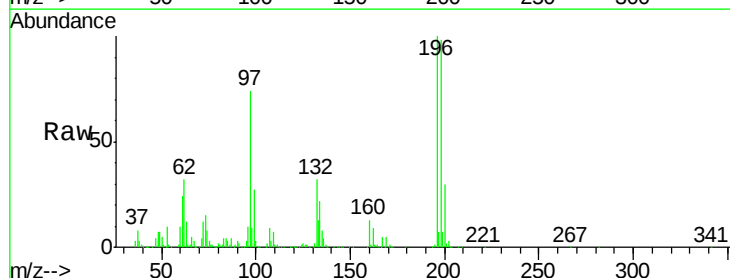


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

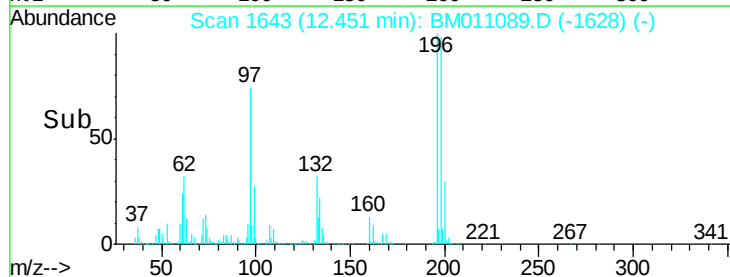
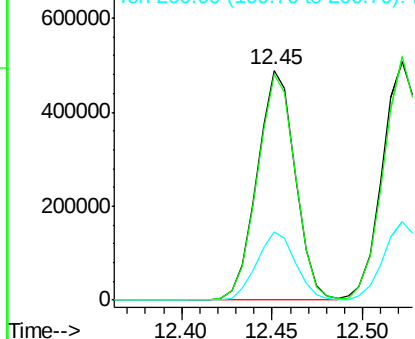


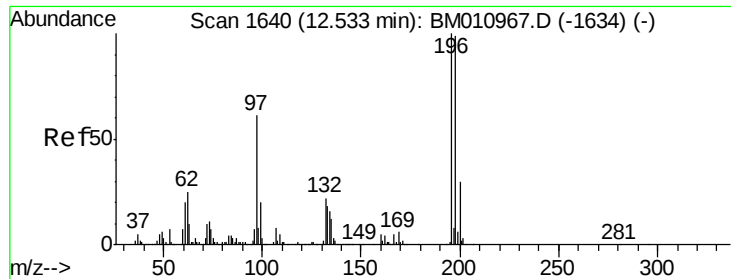
#42
 2,4,6-Trichlorophenol
 Concen: 43.98 ng
 RT: 12.45 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BM011089.D
 Acq: 01 Aug 2017 19:15

Tgt Ion:196 Resp: 711245
 Ion Ratio Lower Upper
 196 100
 198 98.2 76.3 114.5
 200 29.9 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

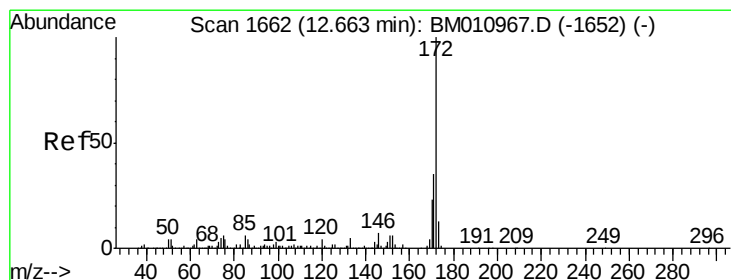
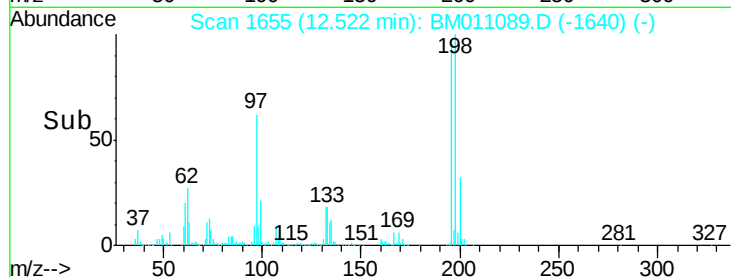
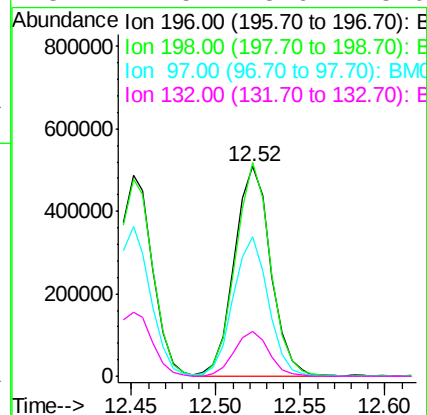
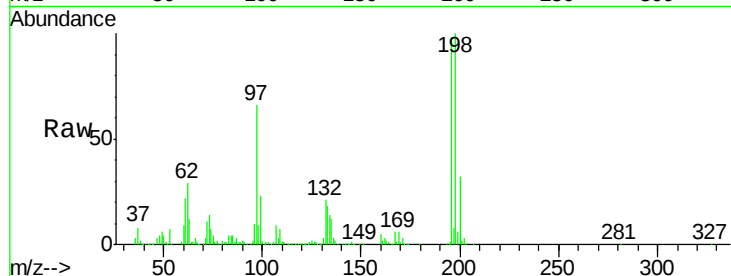




#43
2,4,5-Trichlorophenol
Concen: 45.63 ng
RT: 12.52 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

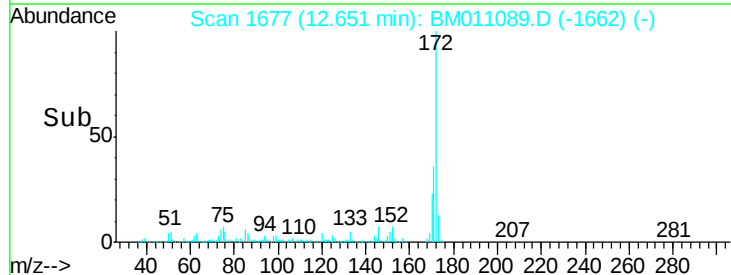
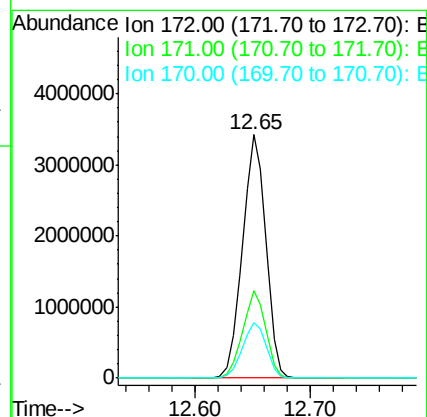
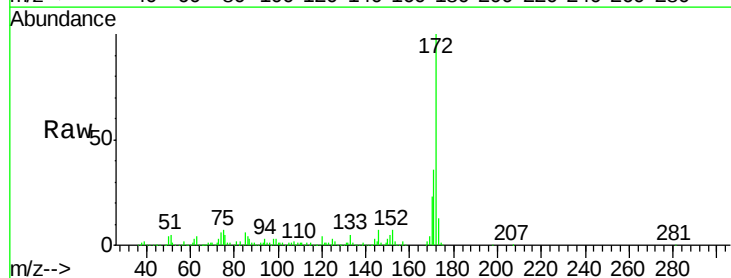
Instrument :
BNA_M
ClientSampleId :
PB101132BS

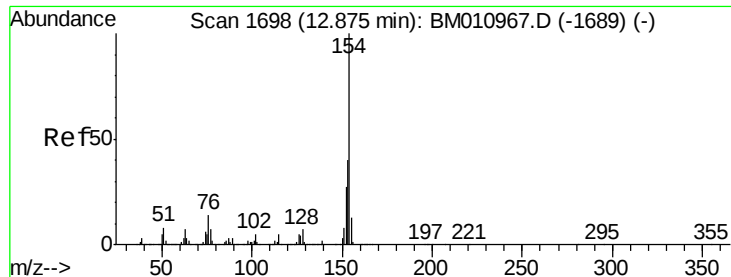
Tot Ion	Ratio	Lower	Upper
196	100		
198	101.9	79.4	119.0
97	66.8	26.8	40.2
132	21.5	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 96.58 ng
RT: 12.65 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.0	18.8	28.2

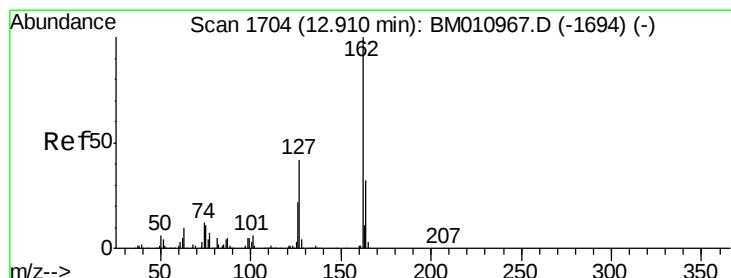
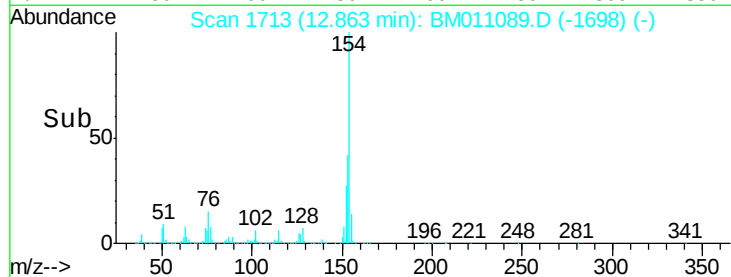
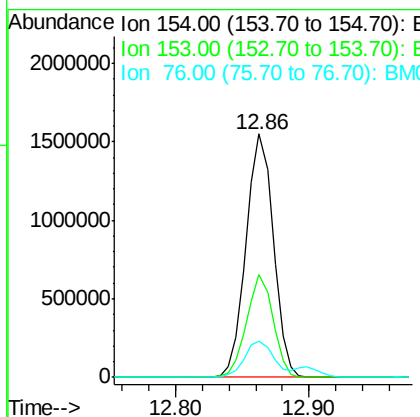
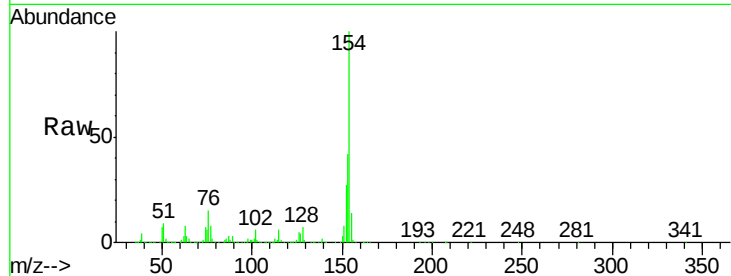




#45
 1,1'-Biphenyl
 Concen: 40.67 ng
 RT: 12.86 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BM011089.D
 Acq: 01 Aug 2017 19:15

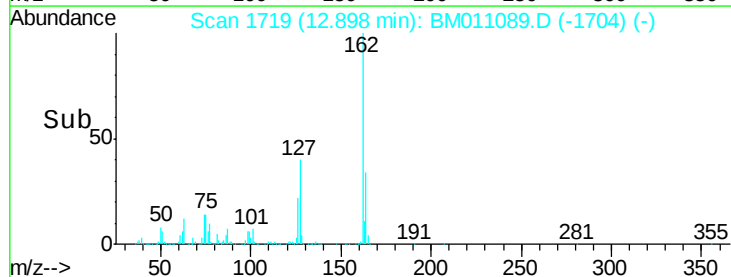
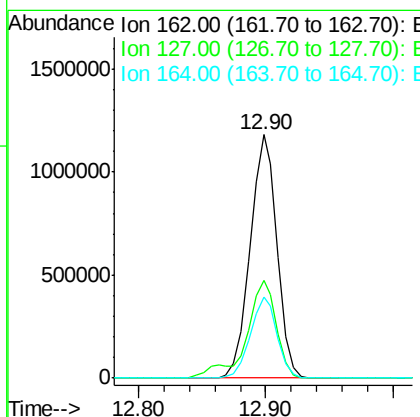
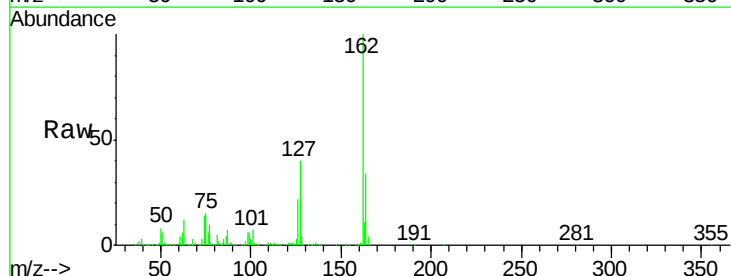
Instrument :
 BNA_M
 ClientSampleId :
 PB101132BS

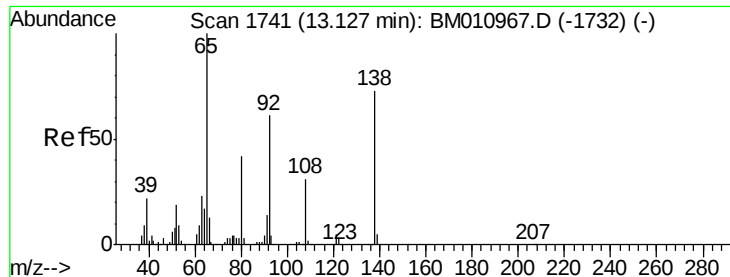
Tot Ion:154 Resp: 2187374
 Ion Ratio Lower Upper
 154 100
 153 42.0 20.7 60.7
 76 15.0 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 43.71 ng
 RT: 12.90 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BM011089.D
 Acq: 01 Aug 2017 19:15

Tgt Ion:162 Resp: 1732007
 Ion Ratio Lower Upper
 162 100
 127 40.0 26.9 40.3
 164 33.5 26.8 40.2





#47

2-Nitroaniline

Concen: 53.16 ng

RT: 13.12 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

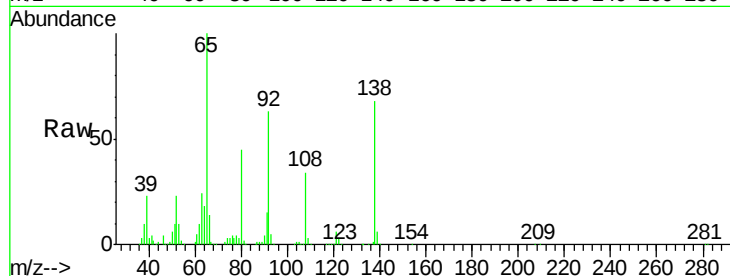
Tot Ion: 65 Resp: 745172

Ion Ratio Lower Upper

65 100

92 62.6 59.1 88.7

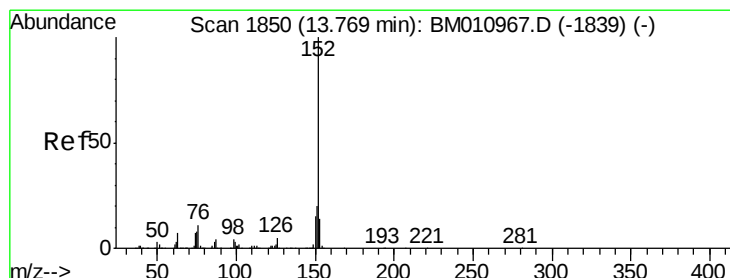
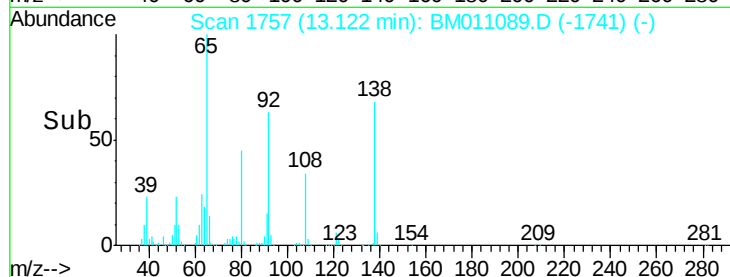
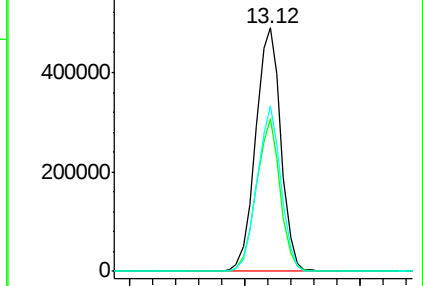
138 67.8 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM011089.D (-1741) (-)

Ion 92.00 (91.70 to 92.70): BM011089.D (-1741) (-)

Ion 138.00 (137.70 to 138.70): BM011089.D (-1741) (-)



#48

Acenaphthylene

Concen: 45.22 ng

RT: 13.76 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

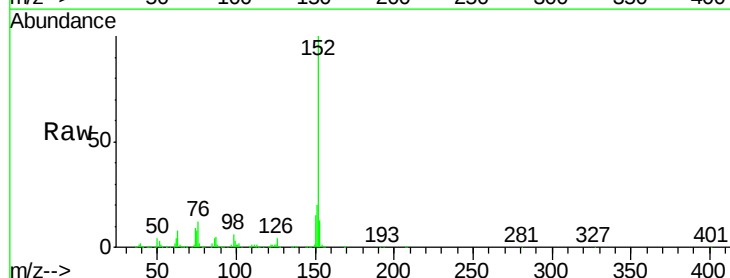
Tgt Ion: 152 Resp: 2673868

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

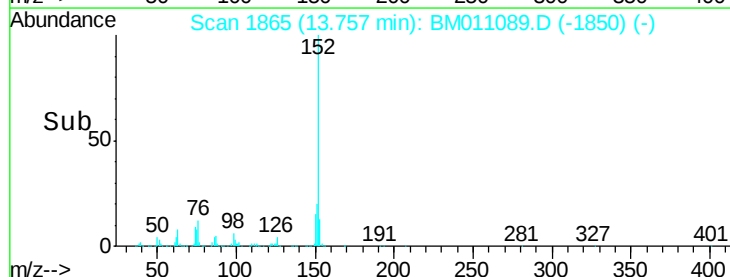
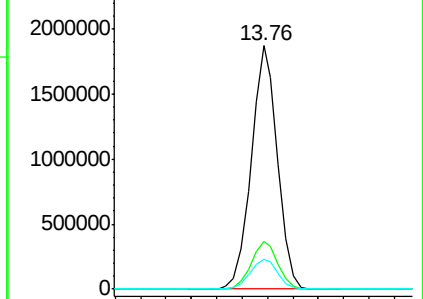
153 12.5 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): BM011089.D (-1850) (-)

Ion 151.00 (150.70 to 151.70): BM011089.D (-1850) (-)

Ion 153.00 (152.70 to 153.70): BM011089.D (-1850) (-)

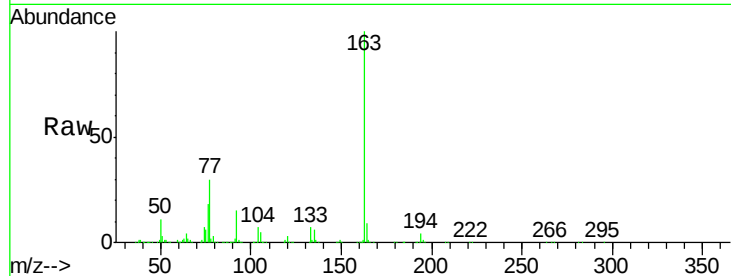




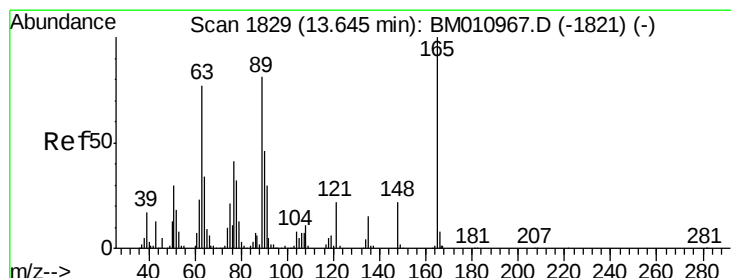
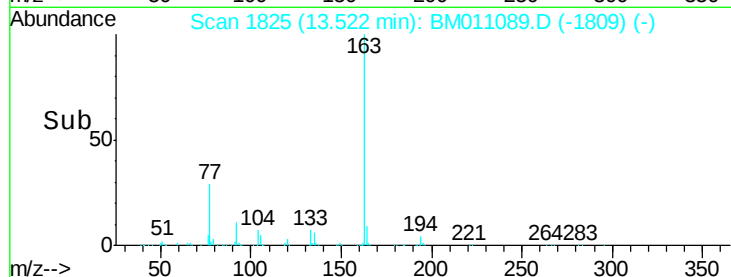
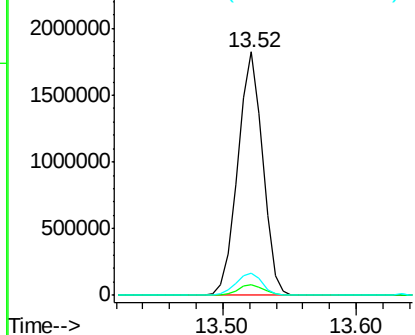
#49
Dimethylphthalate
Concen: 44.45 ng
RT: 13.52 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

Instrument :
BNA_M
ClientSampleId :
PB101132BS

Tot Ion:163 Resp: 2364927
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 9.1 8.2 12.2

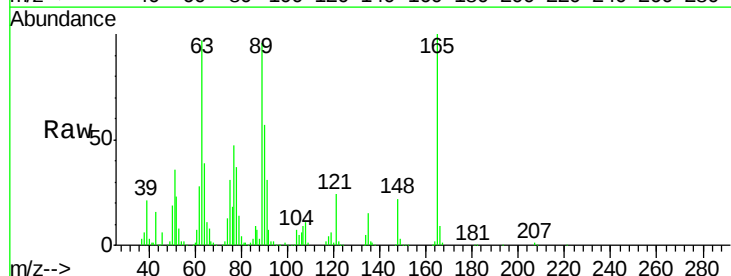


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

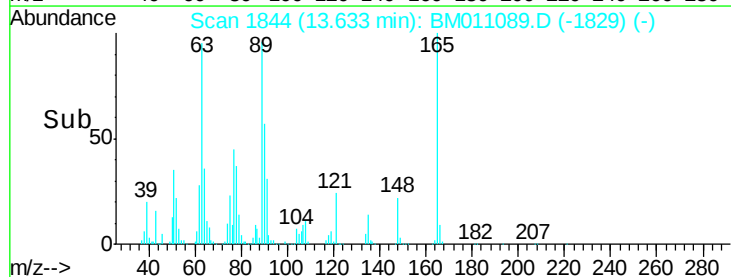
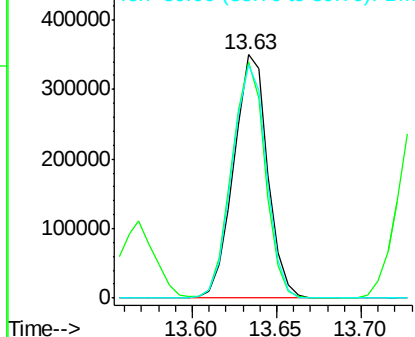


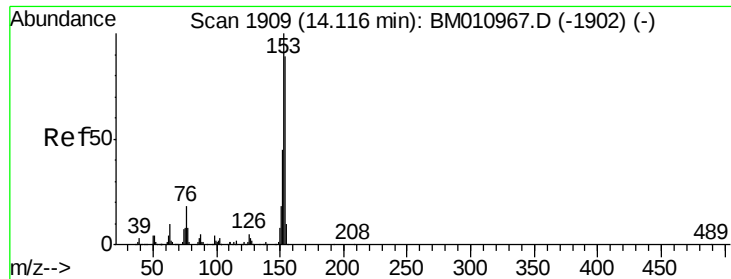
#50
2,6-Dinitrotoluene
Concen: 45.32 ng
RT: 13.63 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

Tgt Ion:165 Resp: 487563
Ion Ratio Lower Upper
165 100
63 96.7 44.1 66.1#
89 95.8 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 45.28 ng

RT: 14.11 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

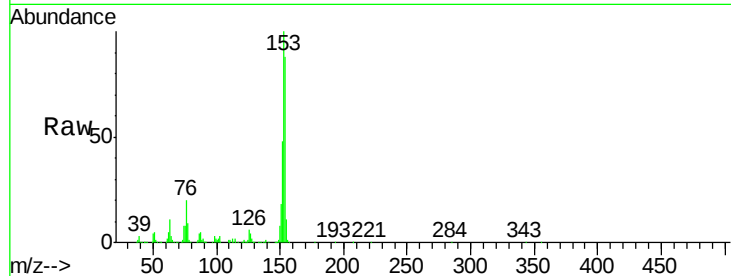
Tot Ion:154 Resp: 1657909

Ion Ratio Lower Upper

154 100

153 114.1 90.0 135.0

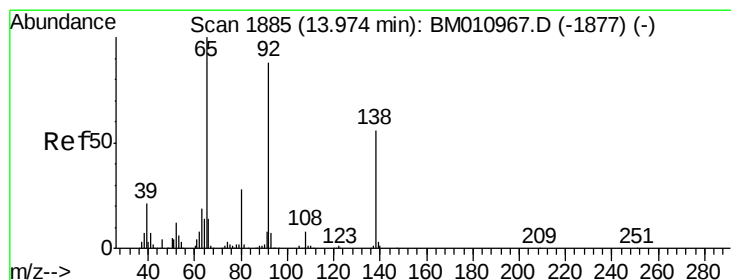
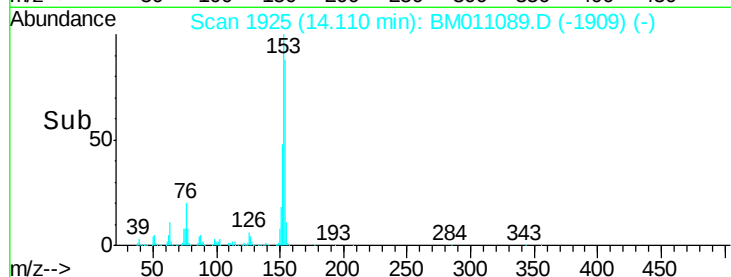
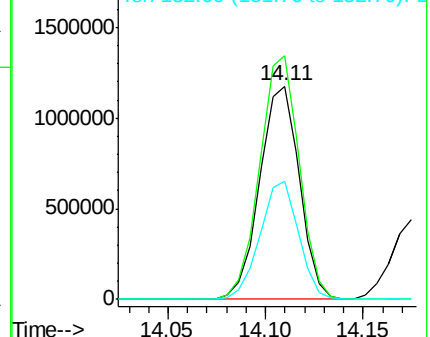
152 55.3 42.6 63.8



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: 44.96 ng

RT: 13.97 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

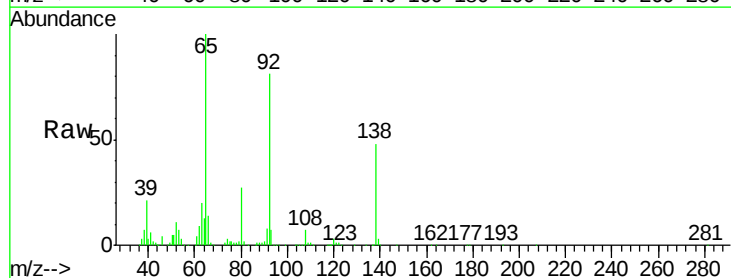
Tgt Ion:138 Resp: 419785

Ion Ratio Lower Upper

138 100

108 14.8 7.3 10.9#

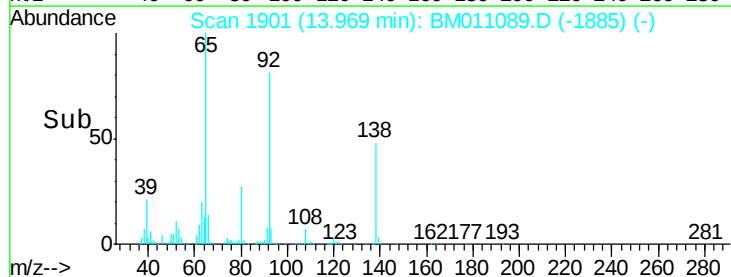
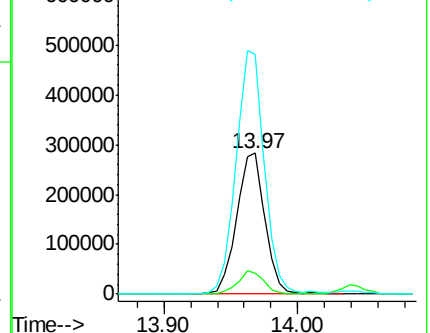
92 170.2 76.6 114.8#

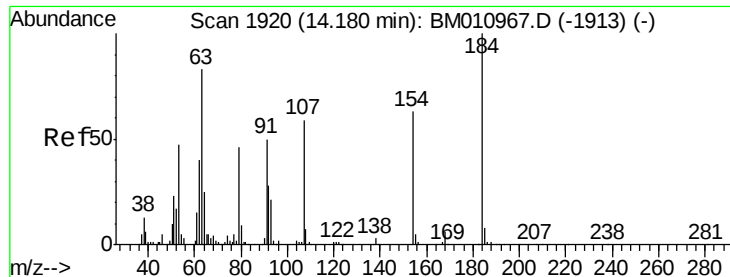


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

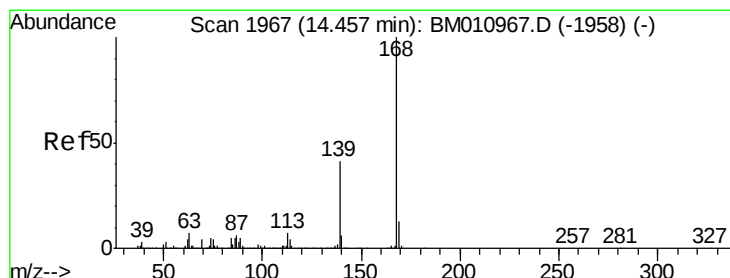
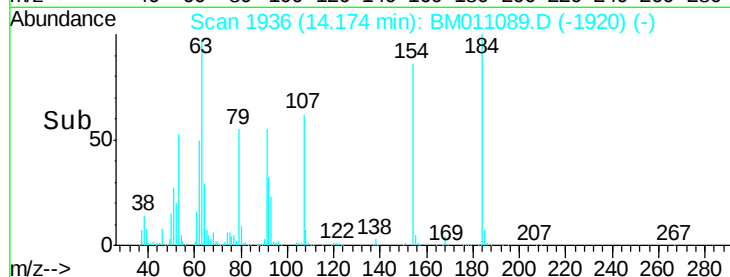
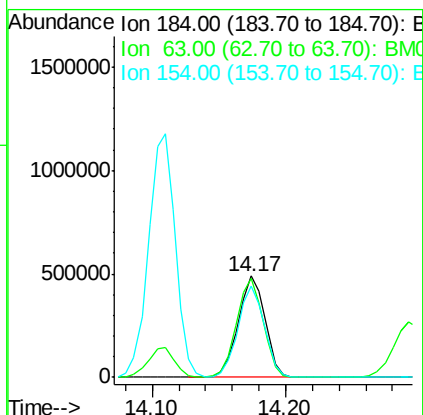
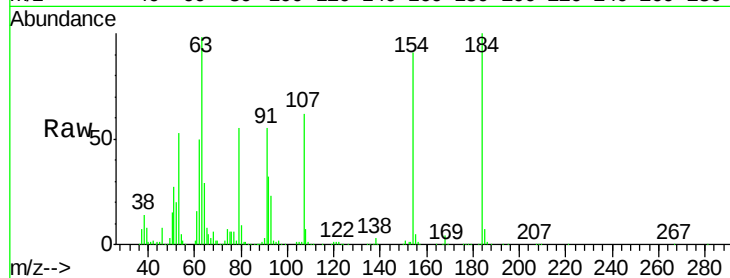




#53
2,4-Dinitrophenol
Concen: 89.13 ng
RT: 14.17 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

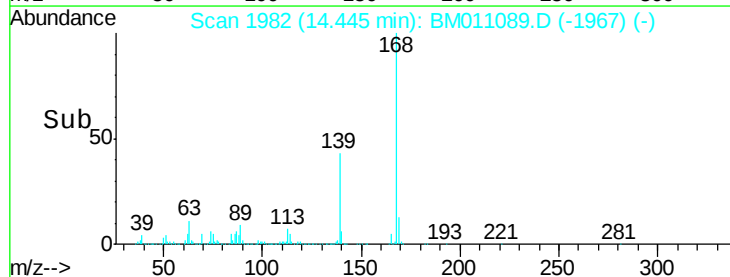
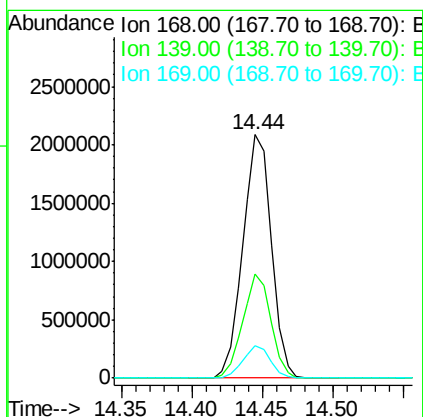
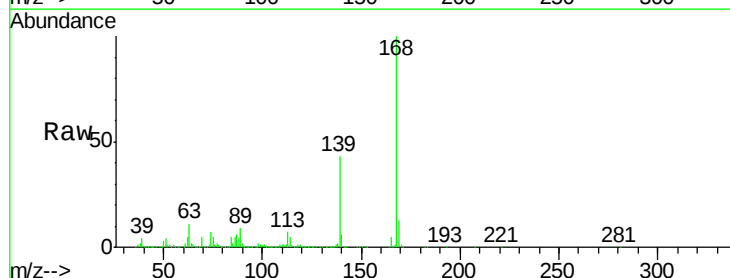
Instrument :
BNA_M
ClientSampleId :
PB101132BS

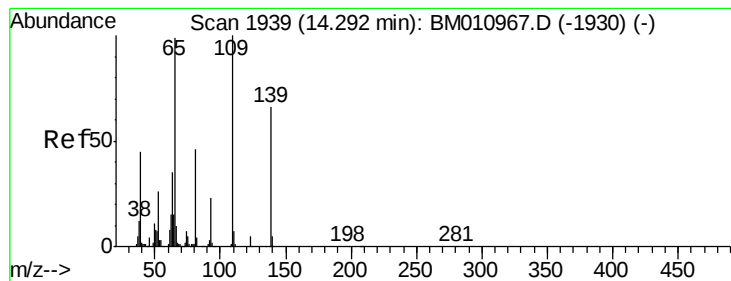
Tot Ion:184 Resp: 681556
Ion Ratio Lower Upper
184 100
63 97.9 69.2 103.8
154 90.6 53.3 79.9#



#54
Dibenzofuran
Concen: 49.80 ng
RT: 14.44 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

Tgt Ion:168 Resp: 2954203
Ion Ratio Lower Upper
168 100
139 42.8 27.3 40.9#
169 13.3 10.6 16.0





#55

4-Nitrophenol

Concen: 86.00 ng

RT: 14.29 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

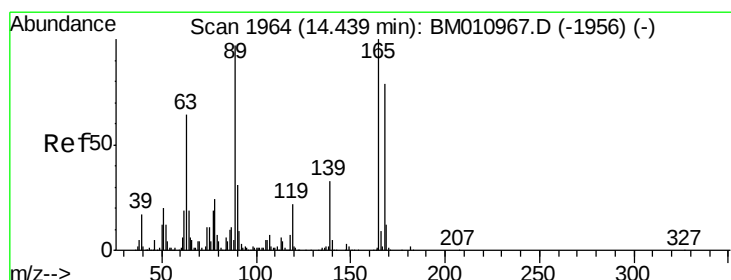
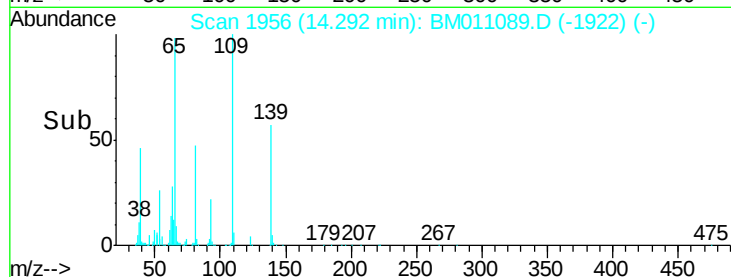
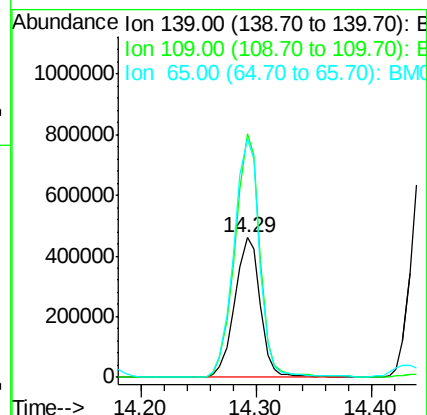
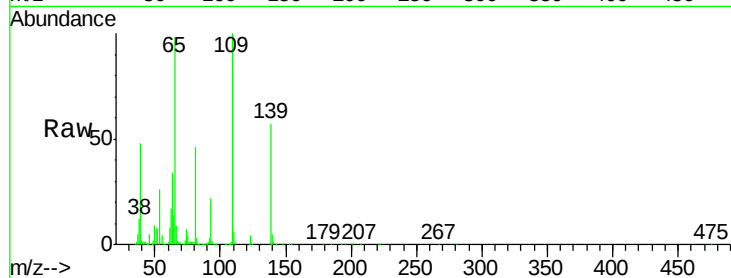
Tot Ion:139 Resp: 705480

Ion Ratio Lower Upper

139 100

109 174.7 130.0 170.0#

65 171.6 130.0 170.0#



#56

2,4-Dinitrotoluene

Concen: 49.70 ng

RT: 14.43 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Tgt Ion:165 Resp: 750624

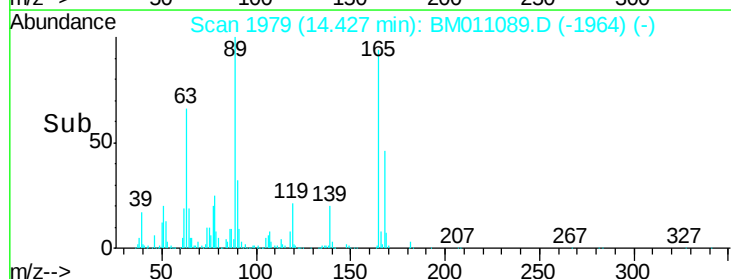
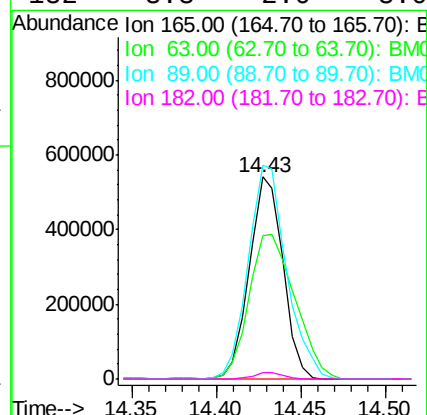
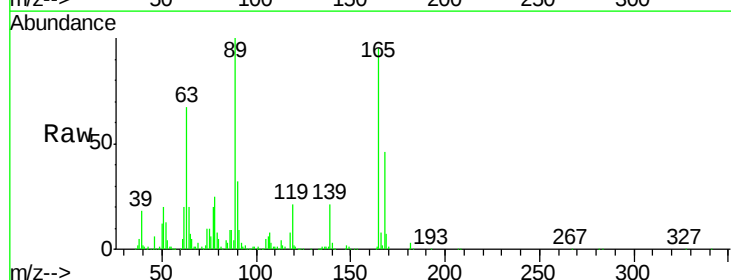
Ion Ratio Lower Upper

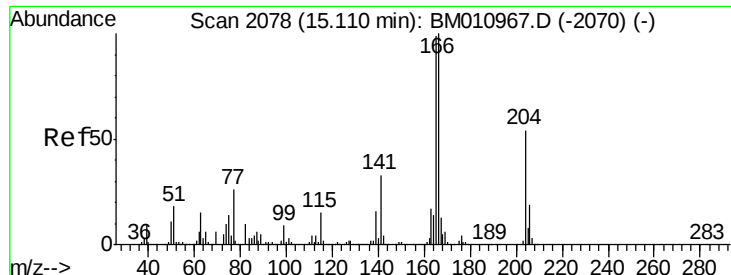
165 100

63 70.7 52.4 78.6

89 105.7 72.4 108.6

182 3.3 2.0 3.0#



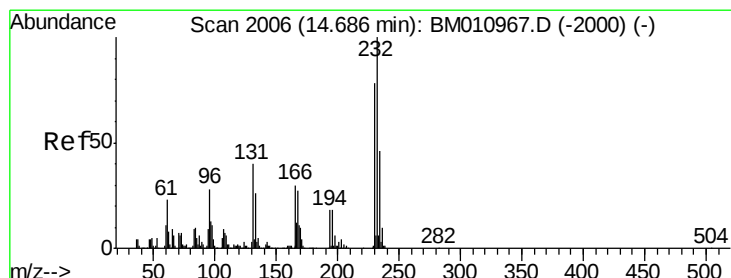
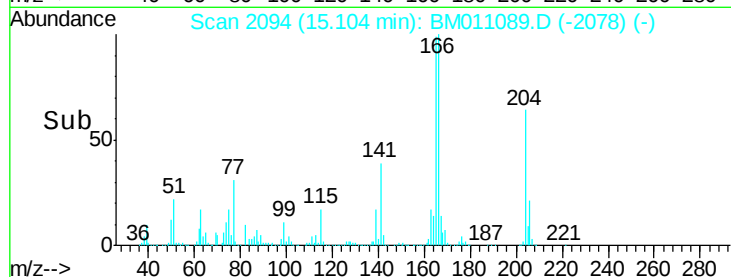
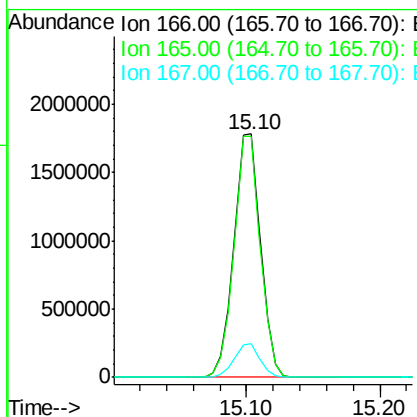
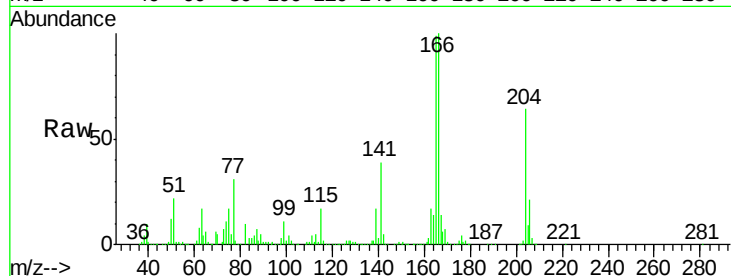


#57
Fluorene
 Concen: 48.11 ng
 RT: 15.10 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BM011089.D
 Acq: 01 Aug 2017 19:15

Instrument :
 BNA_M
 ClientSampleId :
 PB101132BS

Tot Ion:166 Resp: 2484966

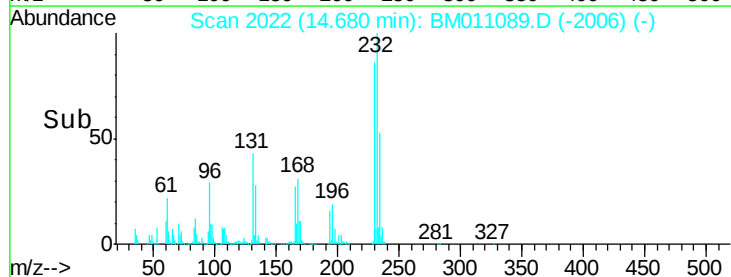
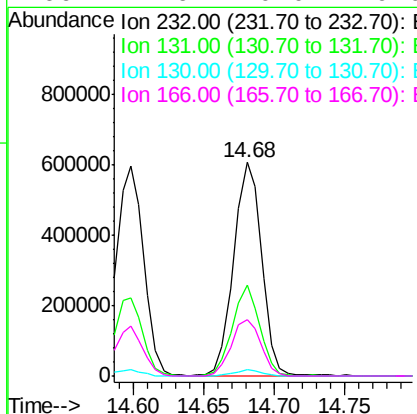
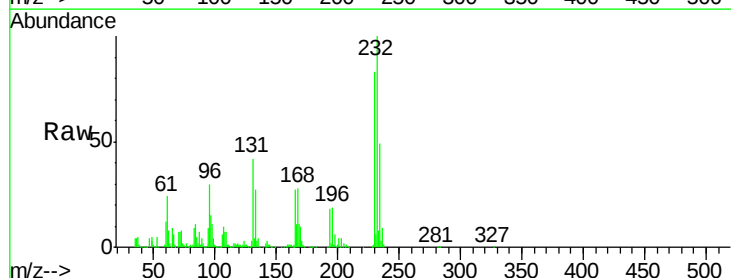
Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.0	118.4
167	13.9	10.3	15.5

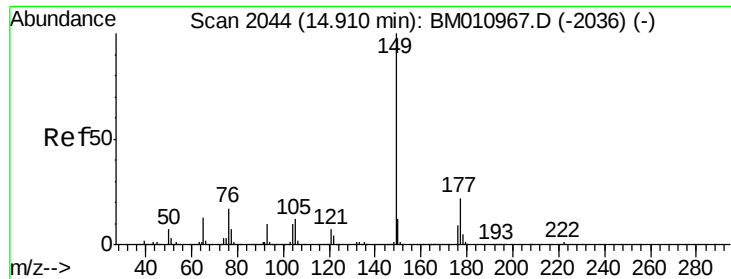


#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.64 ng
 RT: 14.68 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BM011089.D
 Acq: 01 Aug 2017 19:15

Tgt Ion:232 Resp: 837463

Ion	Ratio	Lower	Upper
232	100		
131	41.4	0.0	0.0#
130	2.8	0.0	0.0#
166	27.6	0.0	0.0#

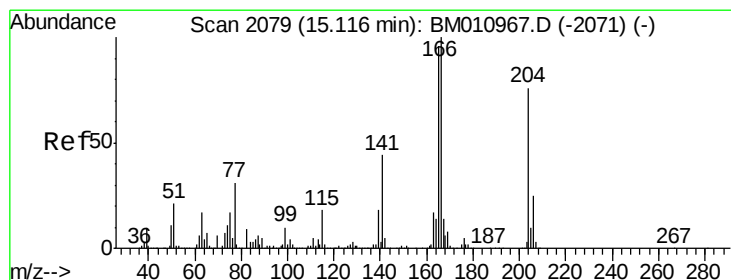
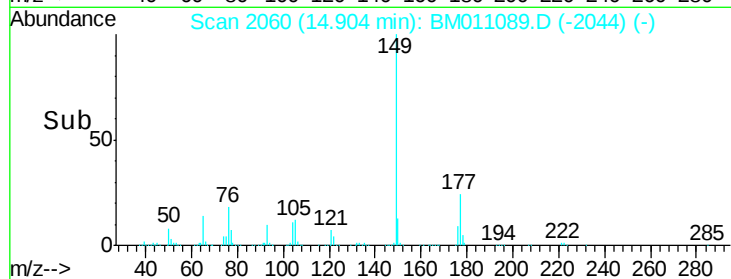
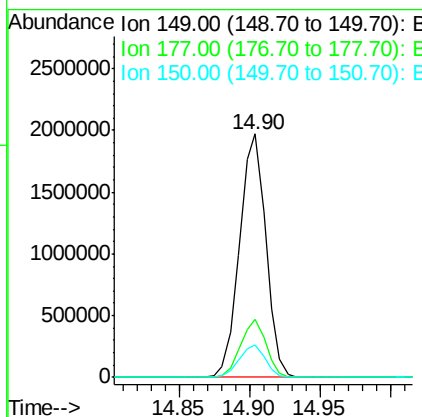
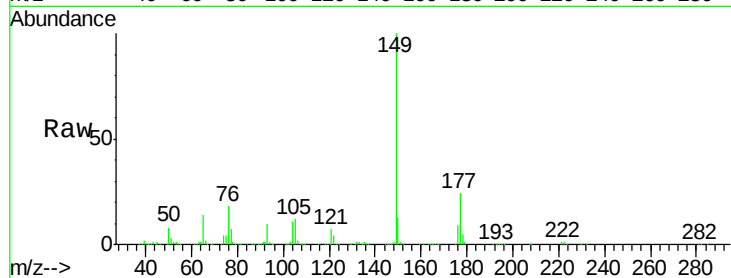




#59
Diethylphthalate
Concen: 47.21 ng
RT: 14.90 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

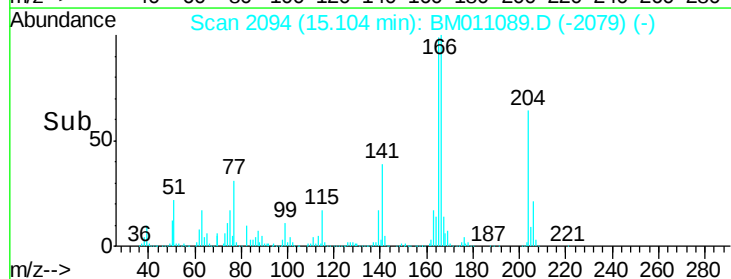
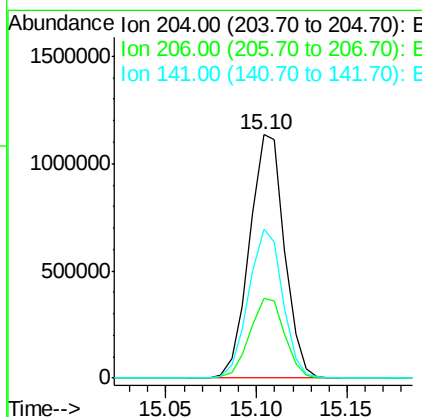
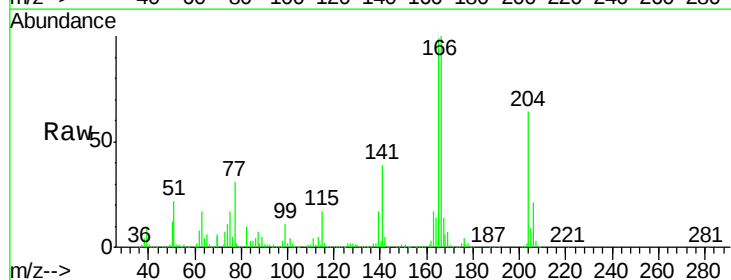
Instrument :
BNA_M
ClientSampleId :
PB101132BS

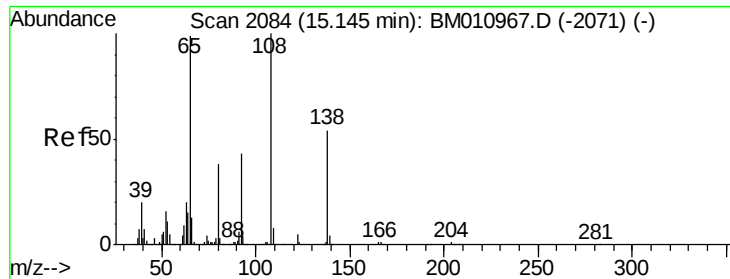
Tot Ion:149 Resp: 2565459
Ion Ratio Lower Upper
149 100
177 23.9 18.3 27.5
150 13.2 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 48.70 ng
RT: 15.10 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

Tgt Ion:204 Resp: 1518758
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 61.3 45.2 67.8

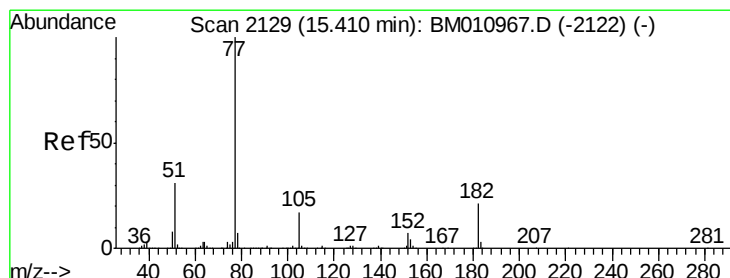
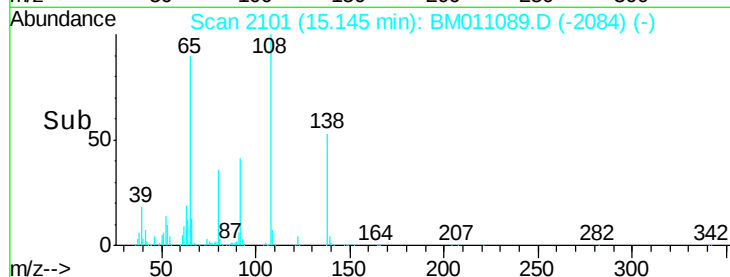
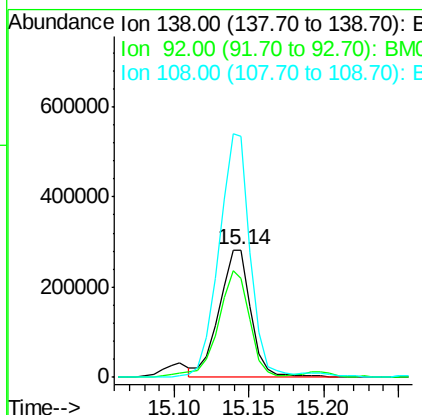
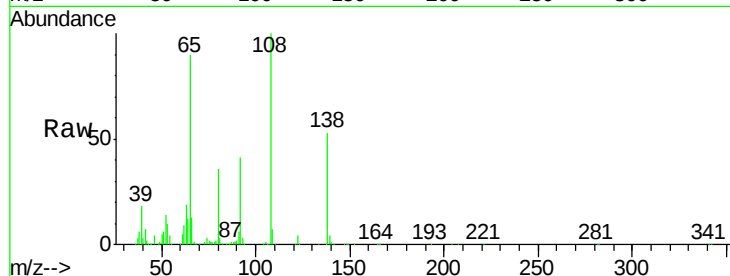




#61
4-Nitroaniline
Concen: 42.46 ng
RT: 15.14 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

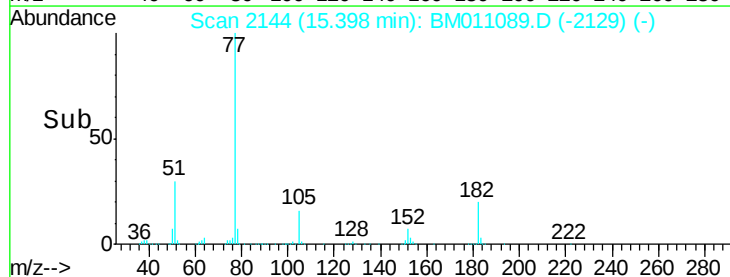
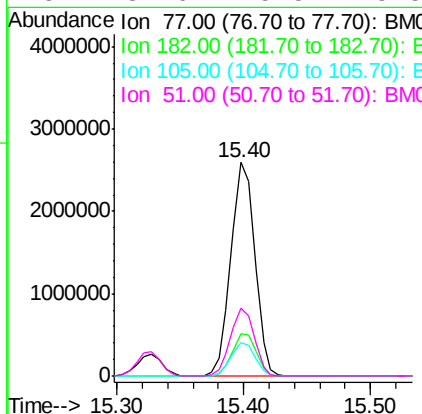
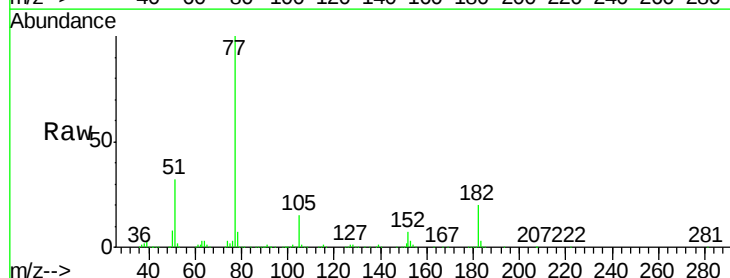
Instrument :
BNA_M
ClientSampleId :
PB101132BS

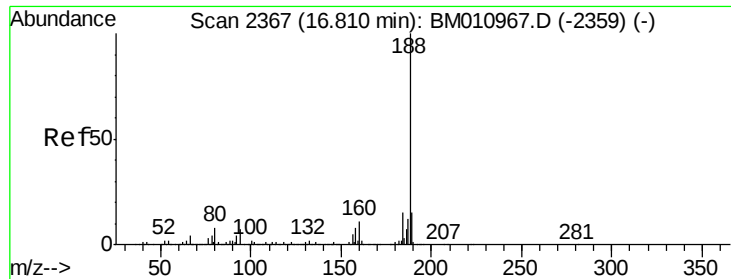
Tot Ion:138 Resp: 421071
Ion Ratio Lower Upper
138 100
92 77.4 16.7 56.7#
108 189.9 37.6 77.6#



#62
Azobenzene
Concen: 58.13 ng
RT: 15.40 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

Tgt Ion: 77 Resp: 3380464
Ion Ratio Lower Upper
77 100
182 19.6 6.5 46.5
105 15.4 3.8 43.8
51 31.6 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.80 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

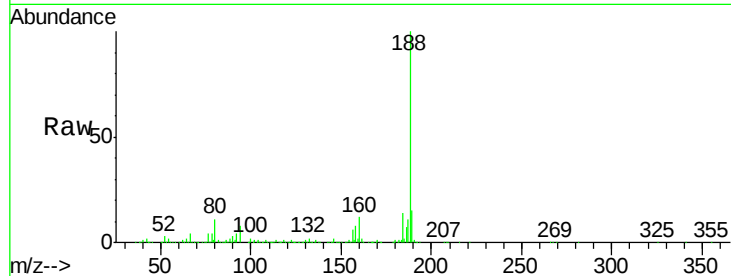
Tot Ion:188 Resp: 1686505

Ion Ratio Lower Upper

188 100

94 7.8 8.7 13.1#

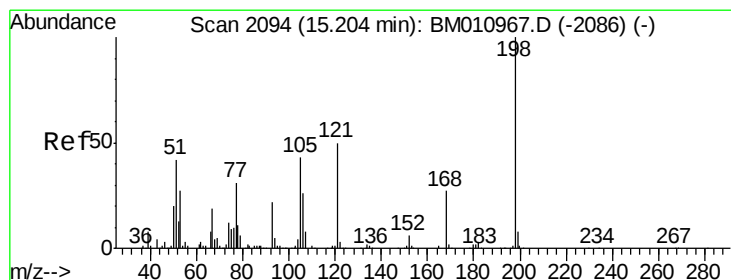
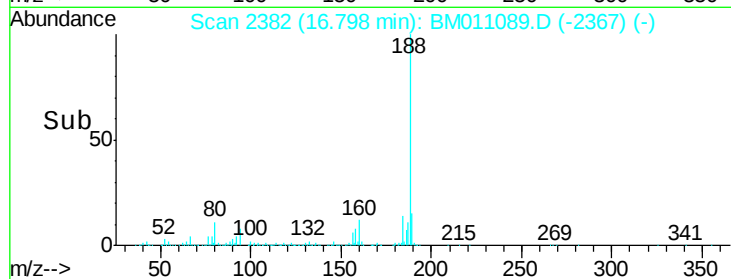
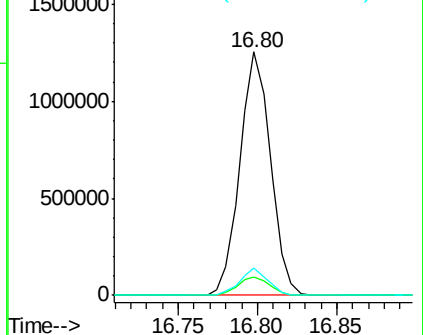
80 11.0 9.3 13.9



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: 43.44 ng

RT: 15.20 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

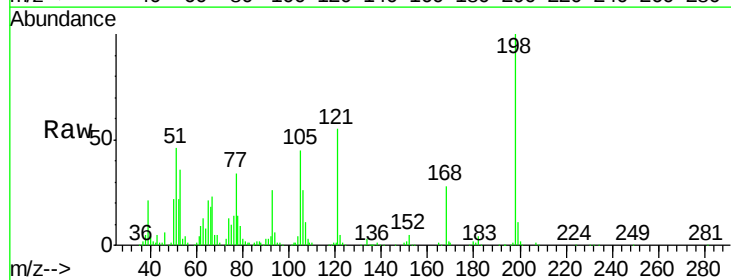
Tgt Ion:198 Resp: 495969

Ion Ratio Lower Upper

198 100

51 46.4 28.8 68.8

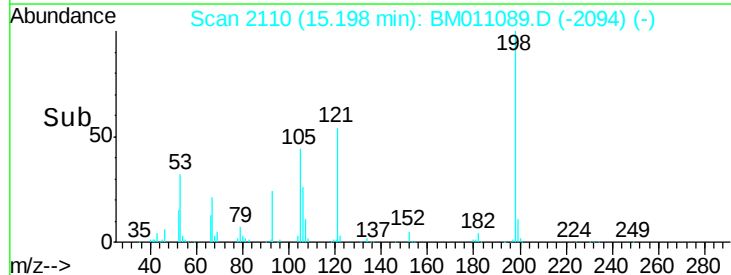
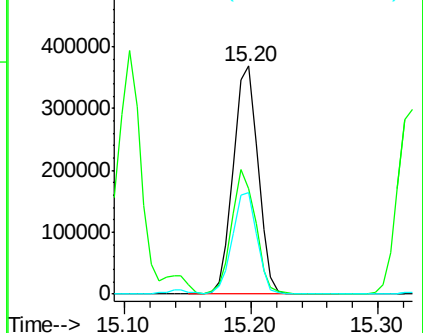
105 44.6 30.5 70.5

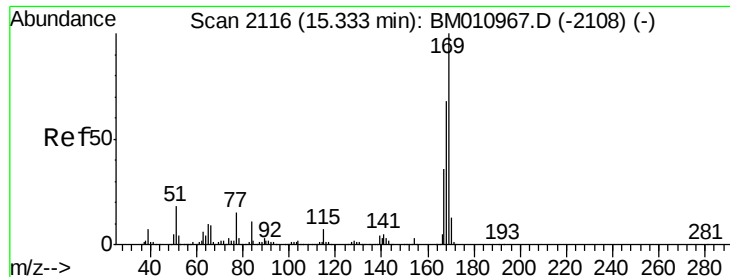


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

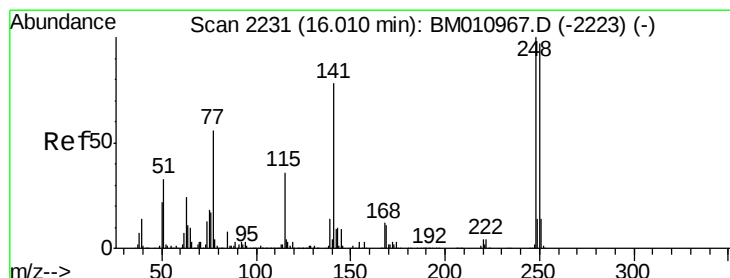
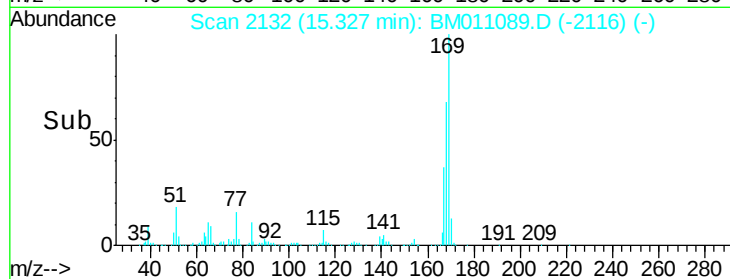
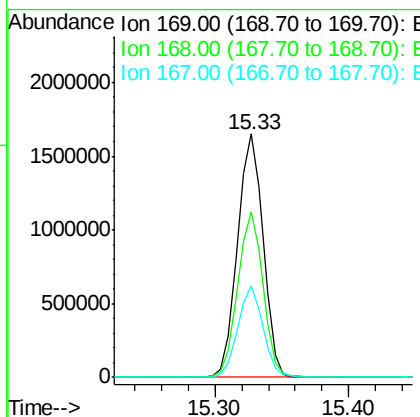
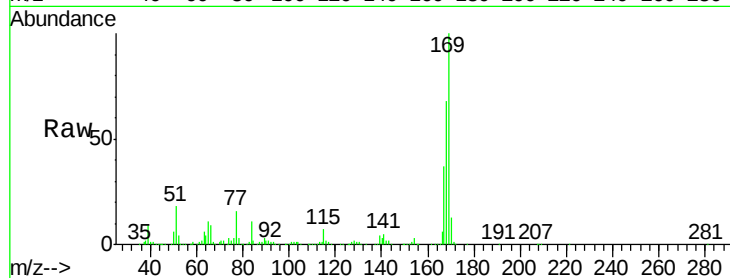




#65
n-Nitrosodiphenylamine
Concen: 45.48 ng
RT: 15.33 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

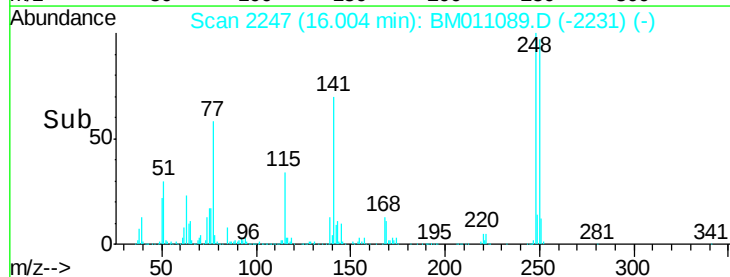
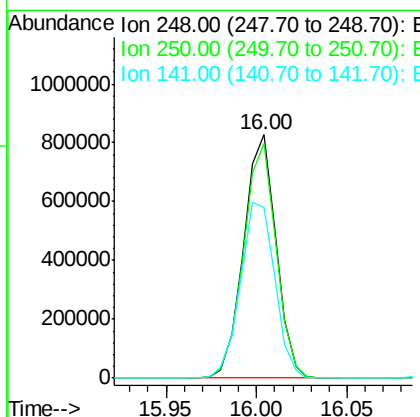
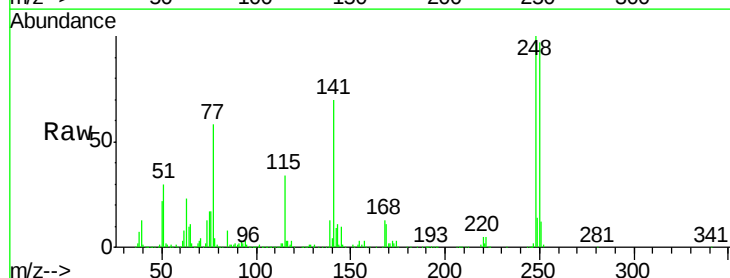
Instrument :
BNA_M
ClientSampleId :
PB101132BS

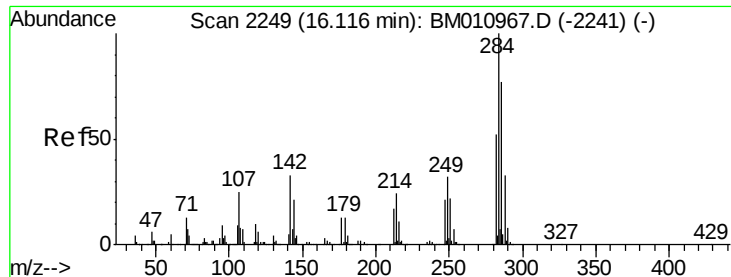
Tot Ion:169 Resp: 2194887
Ion Ratio Lower Upper
169 100
168 67.9 53.9 80.9
167 37.3 28.9 43.3



#66
4-Bromophenyl-phenylether
Concen: 47.46 ng
RT: 16.00 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

Tgt Ion:248 Resp: 1028949
Ion Ratio Lower Upper
248 100
250 96.6 77.4 116.0
141 70.0 45.2 67.8#





#67

Hexachlorobenzene

Concen: 43.70 ng

RT: 16.10 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

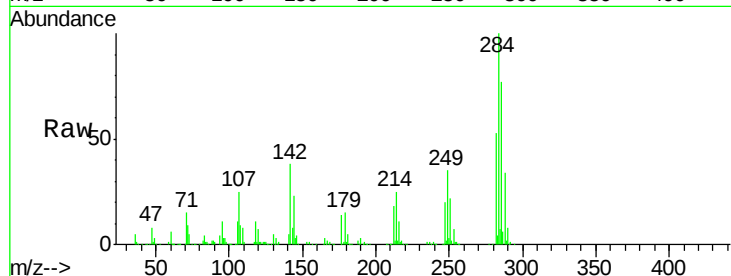
Tot Ion:284 Resp: 1070515

Ion Ratio Lower Upper

284 100

142 37.6 20.4 30.6#

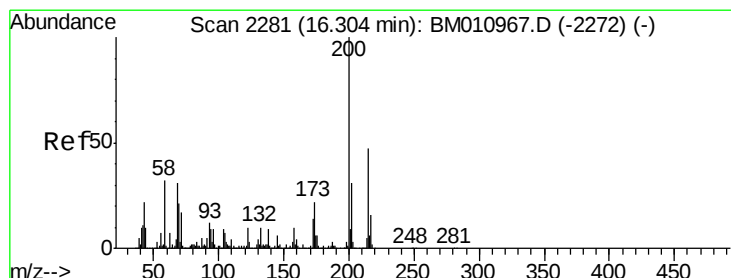
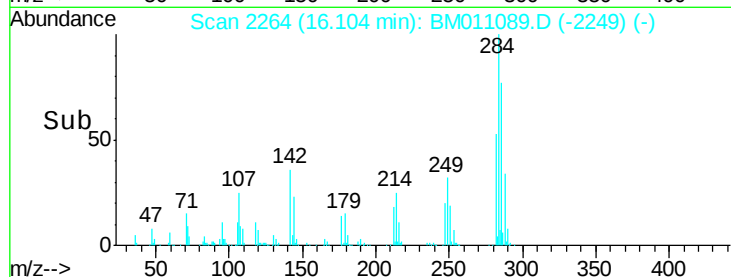
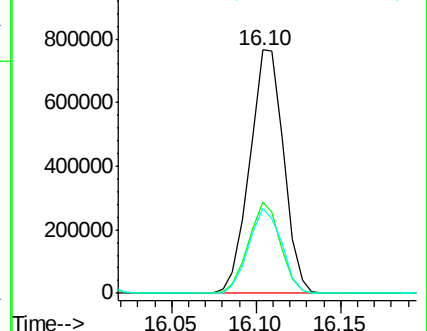
249 34.8 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.75 ng

RT: 16.30 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

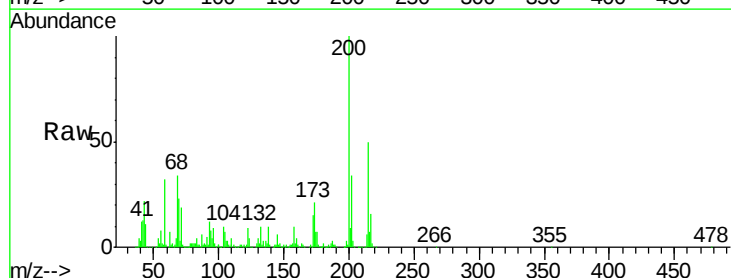
Tgt Ion:200 Resp: 923621

Ion Ratio Lower Upper

200 100

173 21.0 4.8 44.8

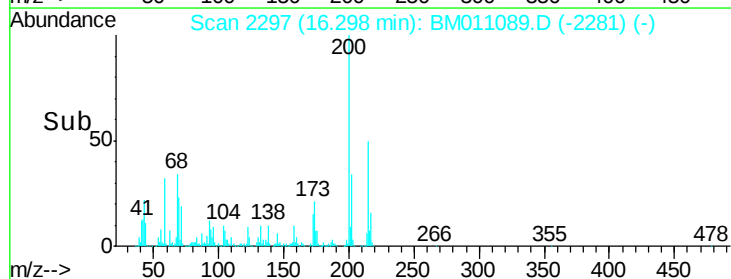
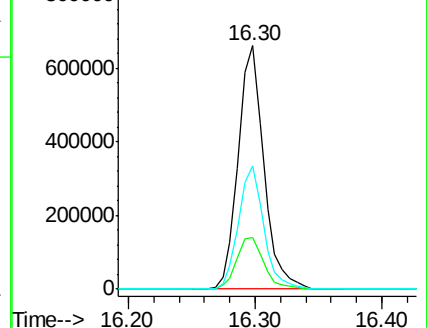
215 50.5 26.9 66.9

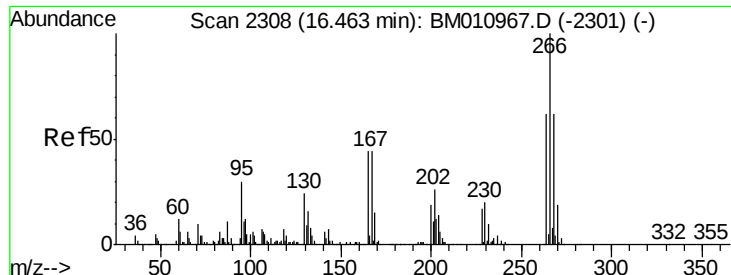


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 90.39 ng

RT: 16.46 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

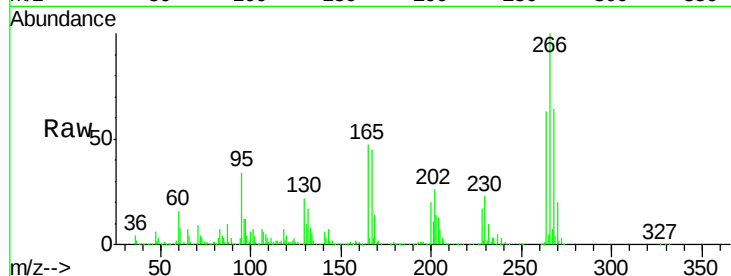
BNA_M

ClientSampleId :

PB101132BS

Tot Ion:266 Resp: 1405947

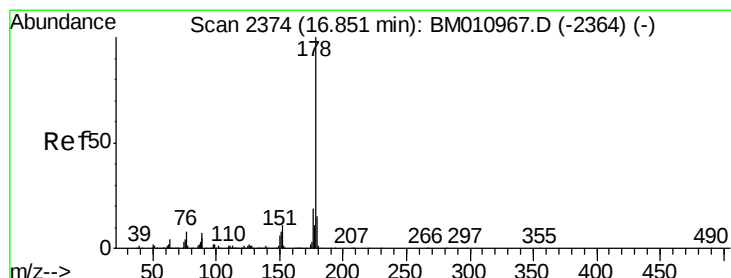
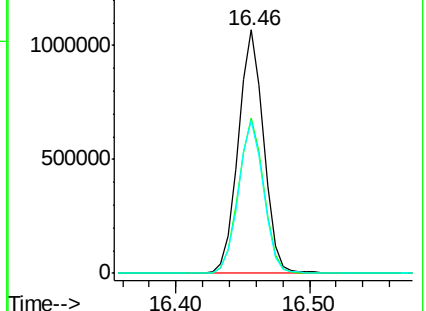
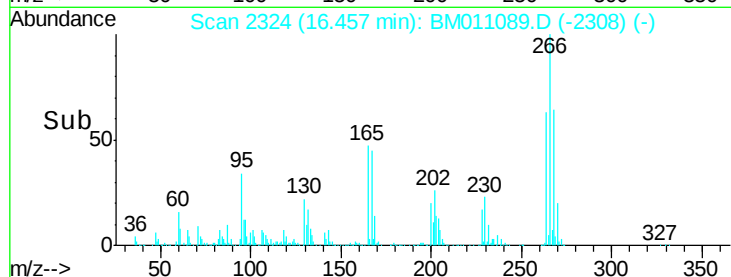
Ion	Ratio	Lower	Upper
266	100		
268	63.6	52.0	78.0
264	62.7	49.0	73.4



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: 48.86 ng

RT: 16.84 min Scan# 2390

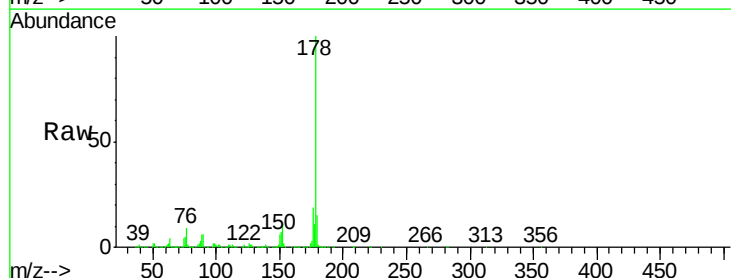
Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Tgt Ion:178 Resp: 4314886

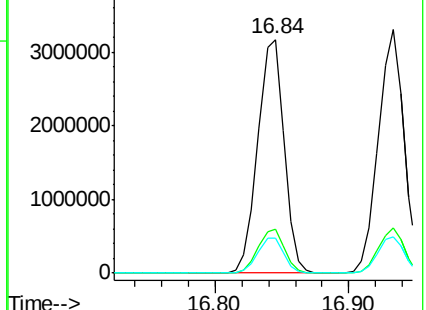
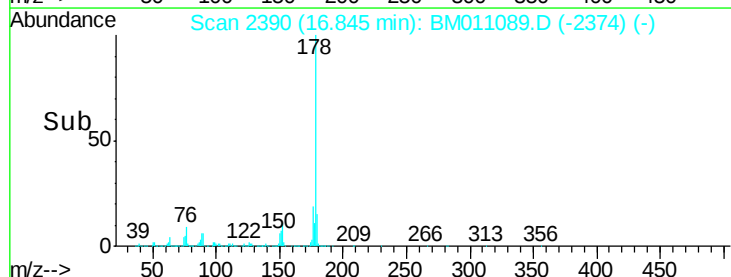
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.2	12.1	18.1

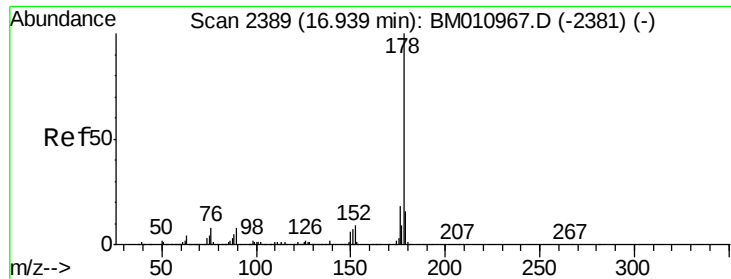


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

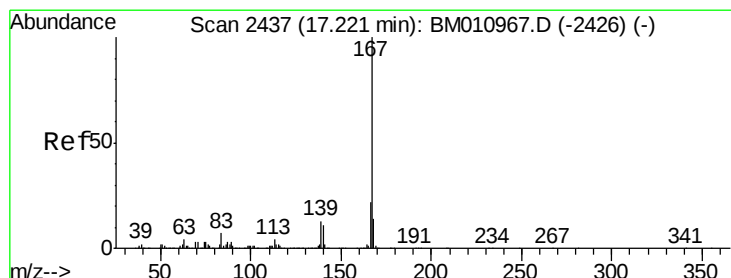
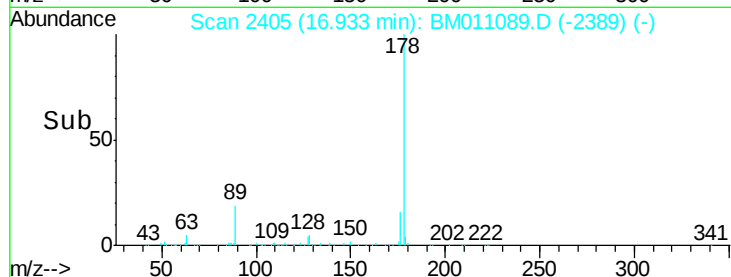
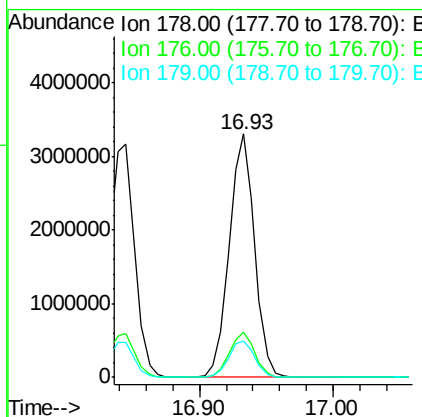
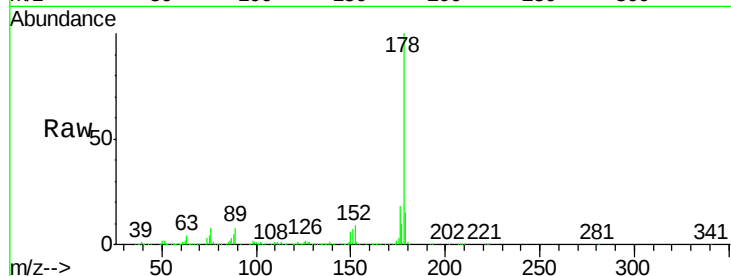




#71
 Anthracene
 Concen: 49.54 ng
 RT: 16.93 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BM011089.D
 Acq: 01 Aug 2017 19:15

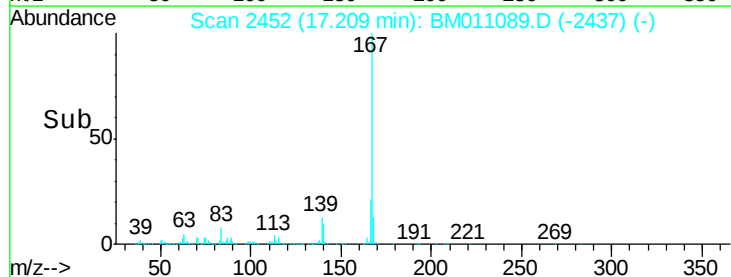
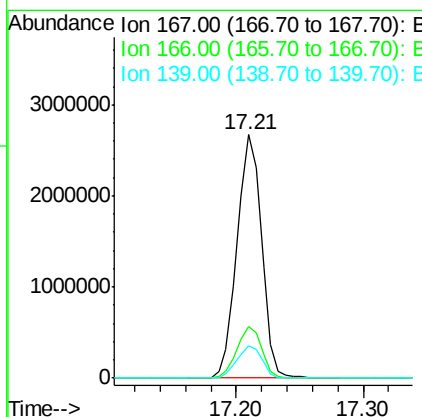
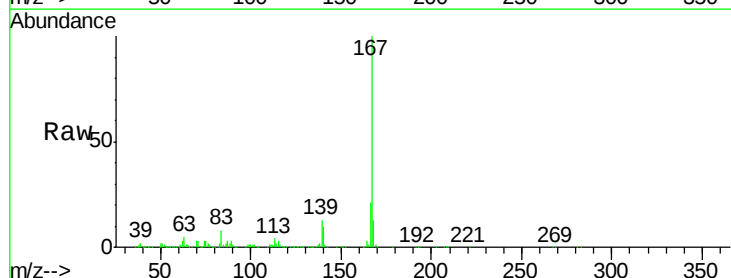
Instrument :
 BNA_M
 ClientSampleId :
 PB101132BS

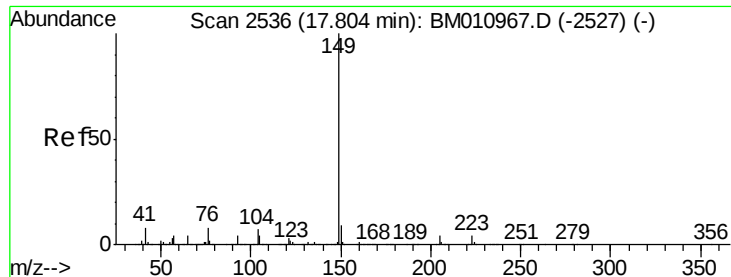
Tot Ion:178 Resp: 4363081
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.6 22.0
 179 14.8 12.6 19.0



#72
 Carbazole
 Concen: 46.38 ng
 RT: 17.21 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BM011089.D
 Acq: 01 Aug 2017 19:15

Tgt Ion:167 Resp: 3571986
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 13.2 10.8 16.2

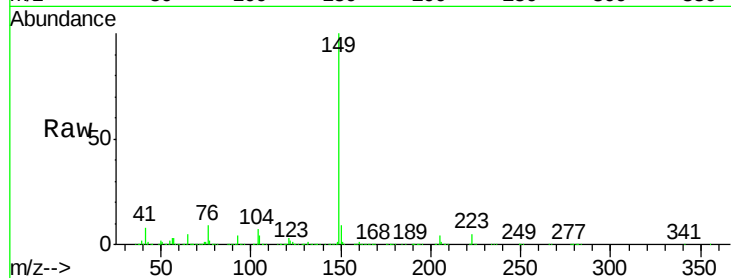




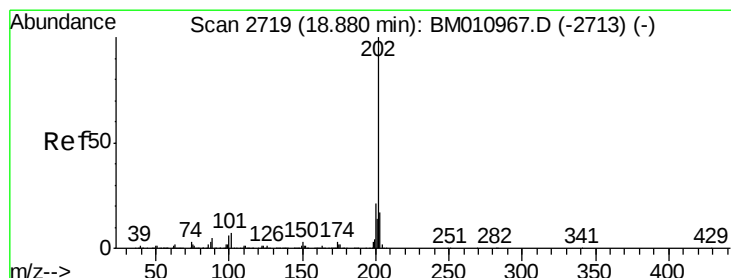
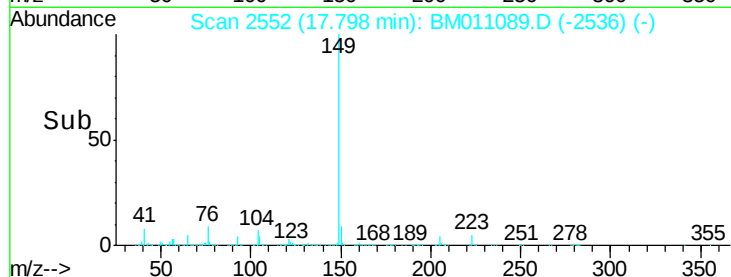
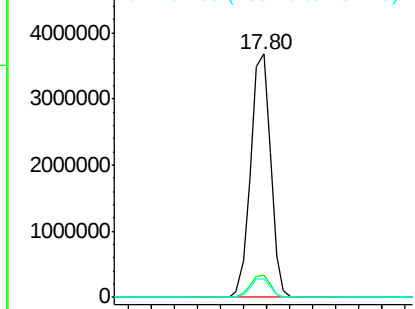
#73
Di-n-butylphthalate
Concen: 47.33 ng
RT: 17.80 min Scan# 2552
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

Instrument :
BNA_M
ClientSampleId :
PB101132BS

Tot Ion:149 Resp: 4439280
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 7.3 3.7 5.5#

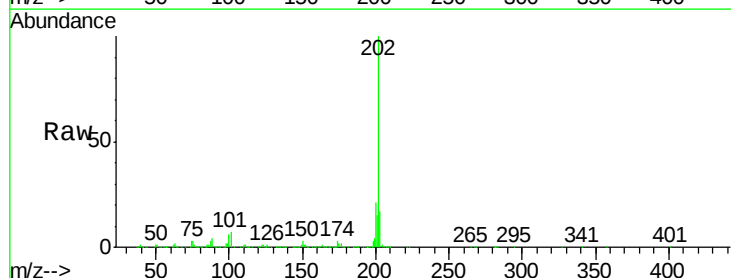


Abundance Ion 149.00 (148.70 to 149.70): E
5000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

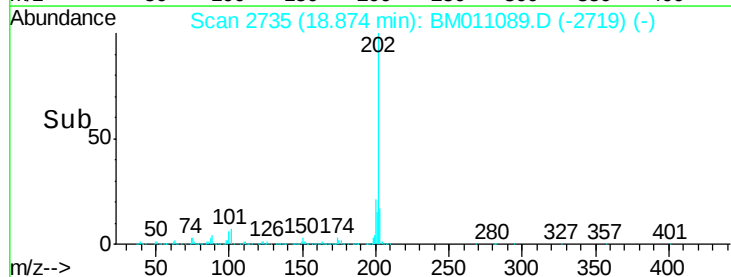
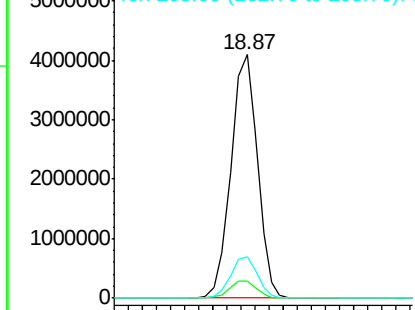


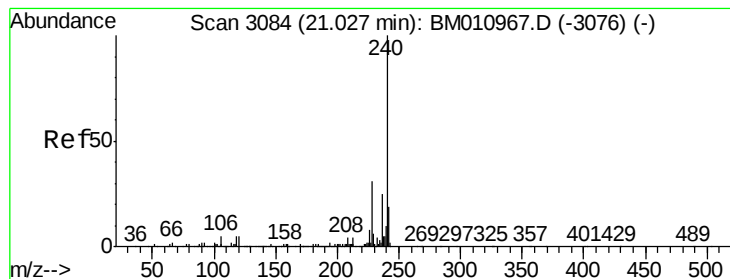
#74
Fluoranthene
Concen: 48.86 ng
RT: 18.87 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

Tgt Ion:202 Resp: 5346745
Ion Ratio Lower Upper
202 100
101 7.0 0.0 28.7
203 17.2 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
5000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.02 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

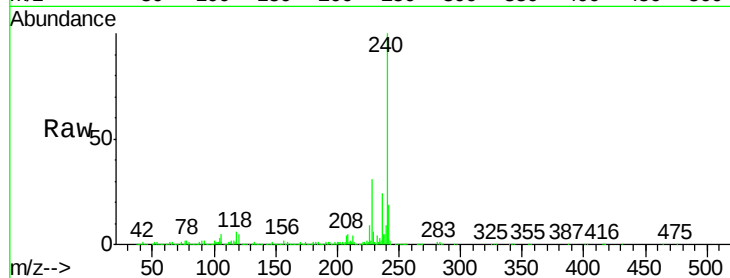
Tot Ion:240 Resp: 1761598

Ion Ratio Lower Upper

240 100

120 5.1 8.2 12.2#

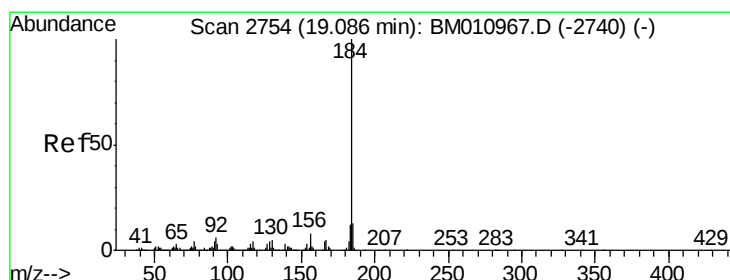
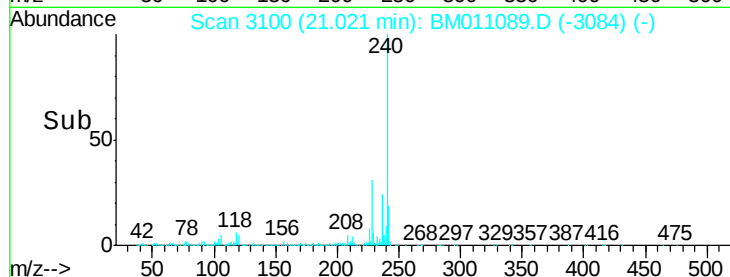
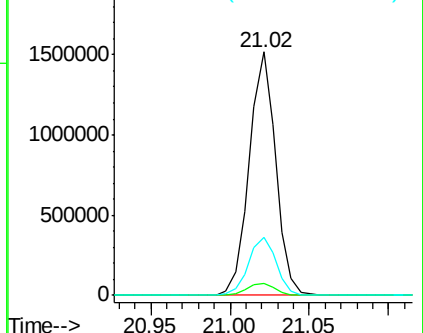
236 23.9 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.40 ng

RT: 19.08 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

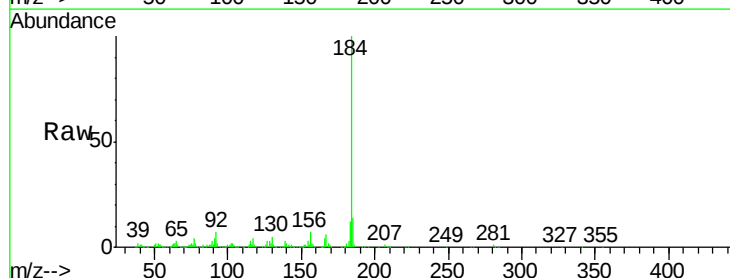
Tgt Ion:184 Resp: 817614

Ion Ratio Lower Upper

184 100

185 13.6 11.3 16.9

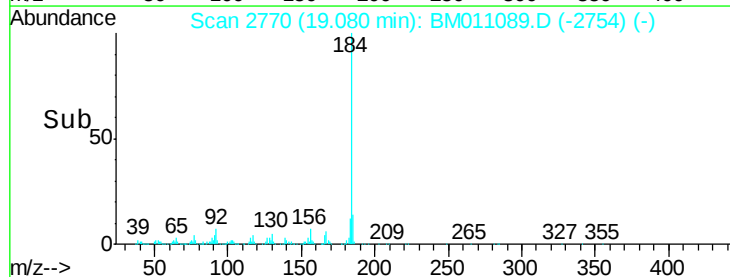
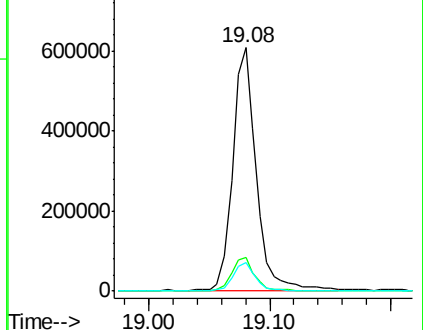
183 11.8 8.9 13.3

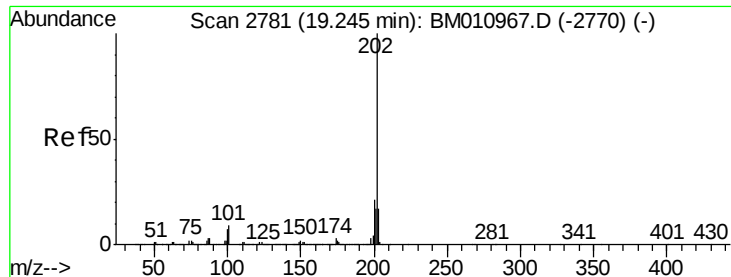


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 52.81 ng

RT: 19.24 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

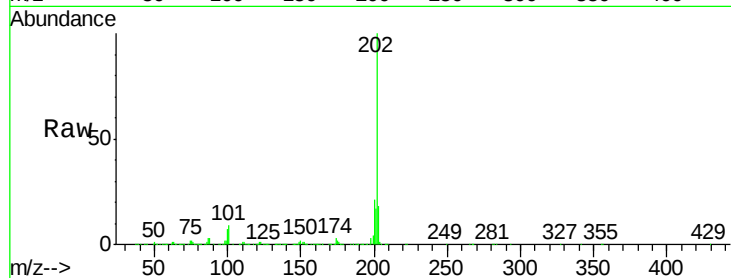
BNA_M

ClientSampleId :

PB101132BS

Tot Ion:202 Resp: 5527366

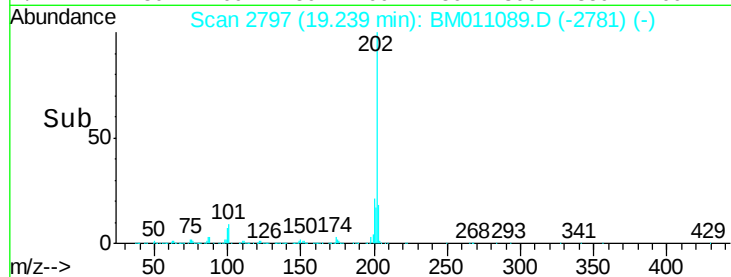
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.5	14.1	21.1



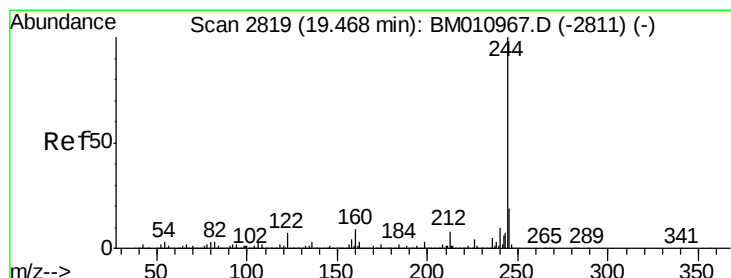
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 95.90 ng

RT: 19.46 min Scan# 2835

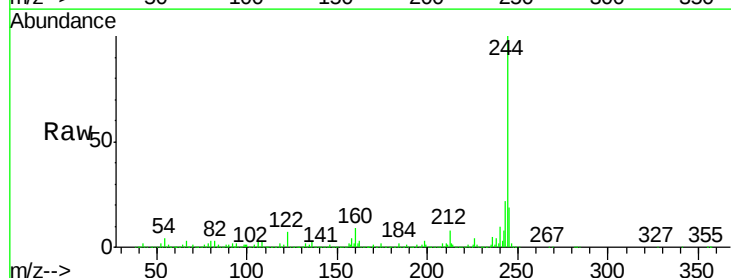
Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Tgt Ion:244 Resp: 8528138

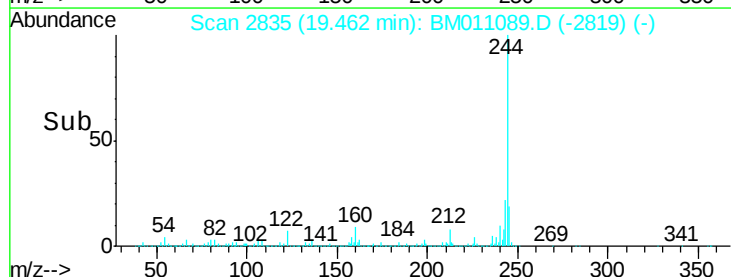
Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	7.2	6.2	9.4



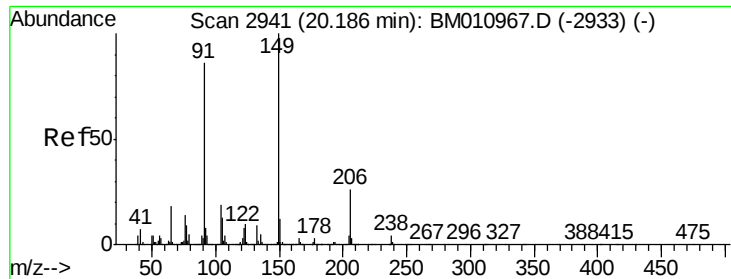
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



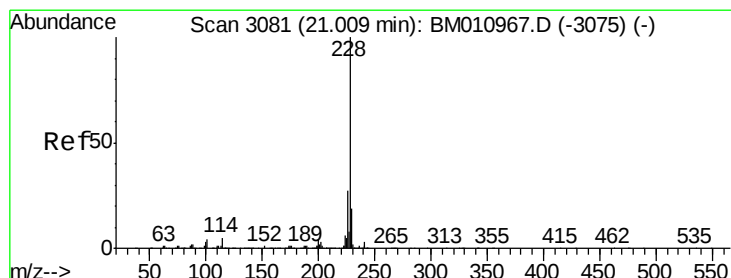
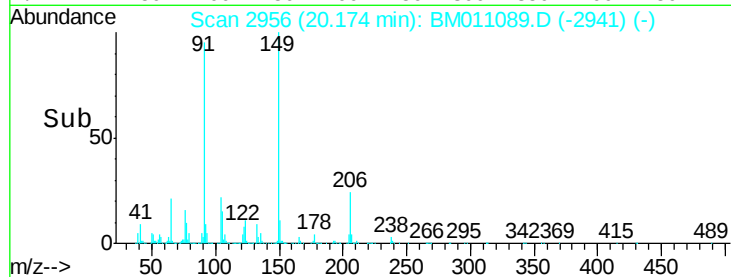
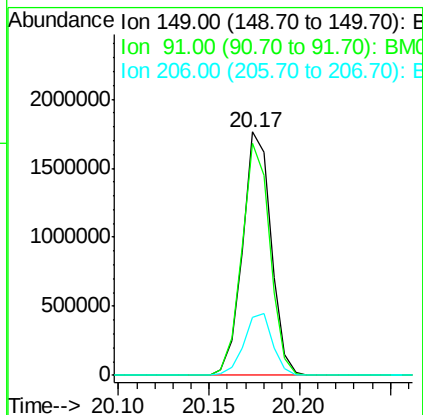
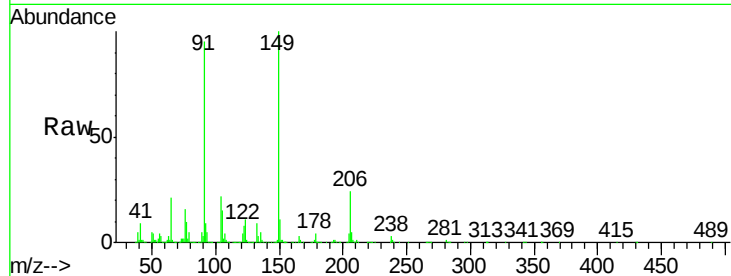
Time-->



#79
Butylbenzylphthalate
Concen: 51.73 ng
RT: 20.17 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

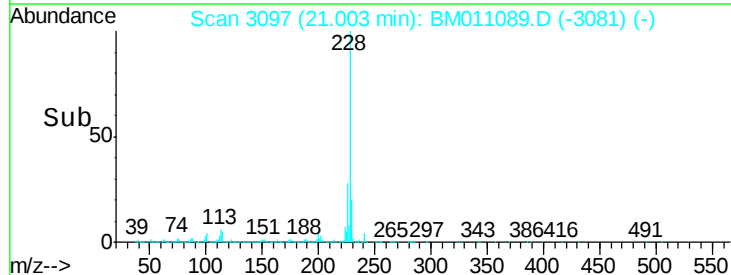
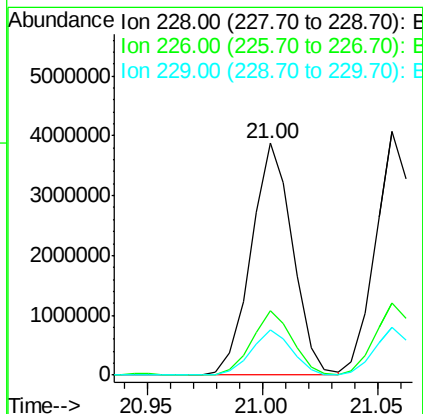
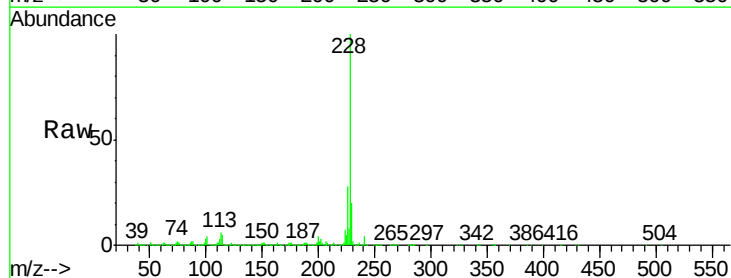
Instrument :
BNA_M
ClientSampleId :
PB101132BS

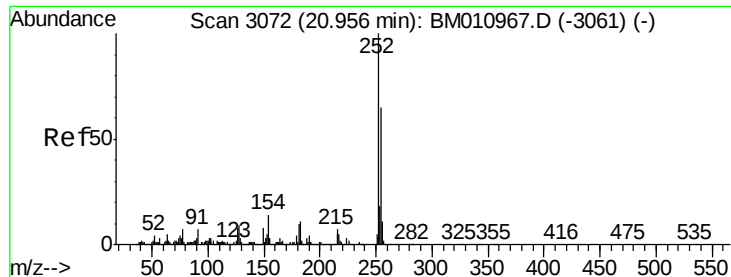
Tot Ion:149 Resp: 1925378
Ion Ratio Lower Upper
149 100
91 95.1 50.1 75.1#
206 24.1 16.2 24.2



#80
Benzo(a)anthracene
Concen: 48.25 ng
RT: 21.00 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM011089.D
Acq: 01 Aug 2017 19:15

Tgt Ion:228 Resp: 4852884
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 19.6 16.0 24.0

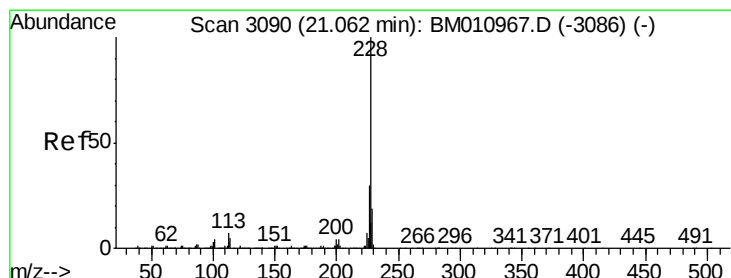
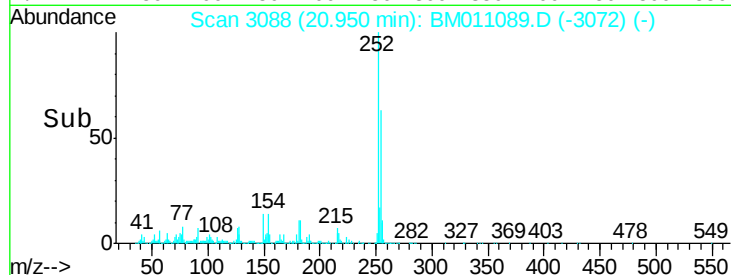
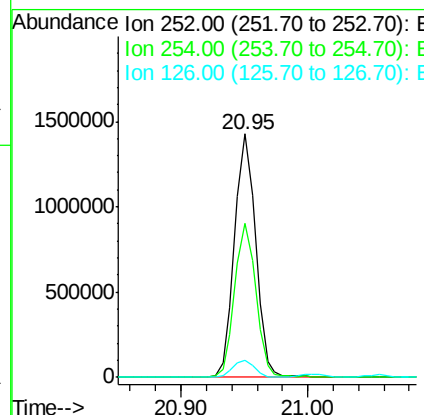
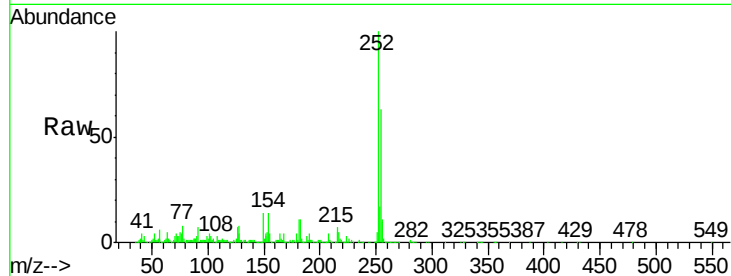




#81
 3,3'-Dichlorobenzidine
 Concen: 41.97 ng
 RT: 20.95 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM011089.D
 Acq: 01 Aug 2017 19:15

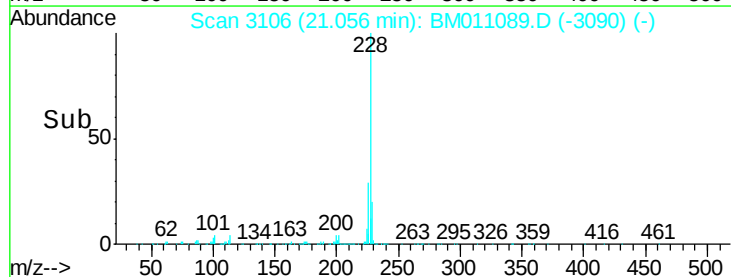
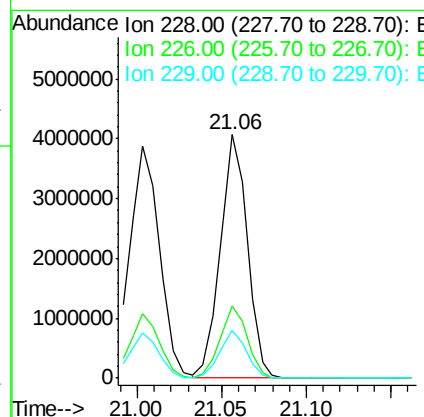
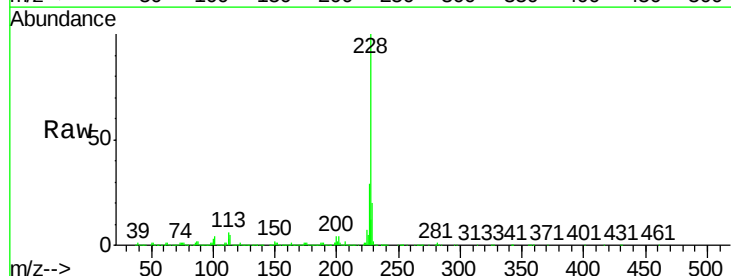
Instrument :
 BNA_M
 ClientSampleId :
 PB101132BS

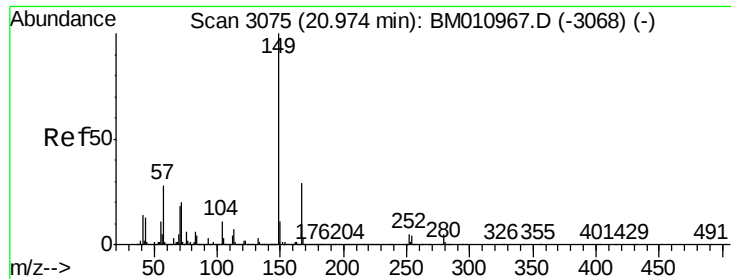
Tot Ion:252 Resp: 1656091
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.9 77.9
 126 7.1 9.8 14.8#



#82
 Chrysene
 Concen: 47.15 ng
 RT: 21.06 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BM011089.D
 Acq: 01 Aug 2017 19:15

Tgt Ion:228 Resp: 4552142
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.1 36.1
 229 19.9 15.5 23.3

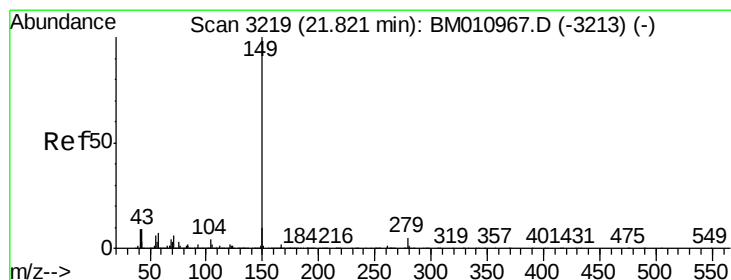
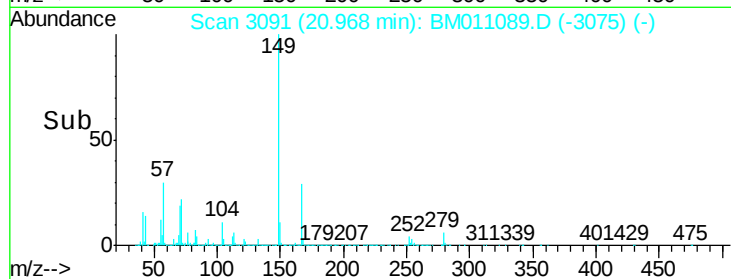
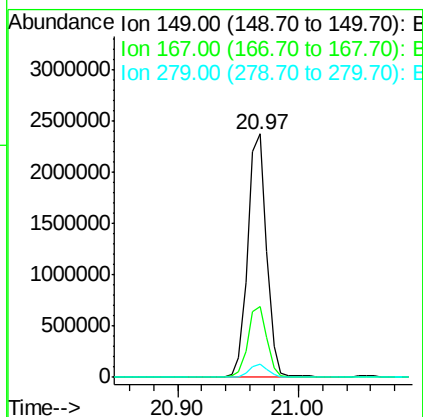
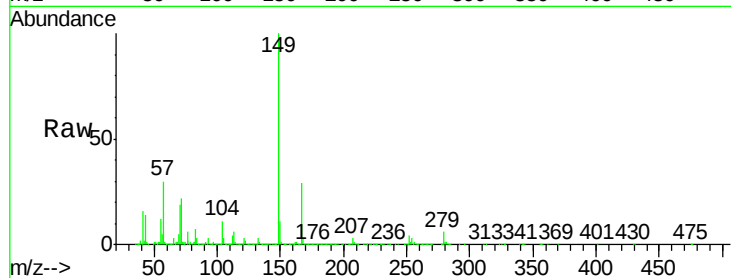




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.60 ng
 RT: 20.97 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BM011089.D
 Acq: 01 Aug 2017 19:15

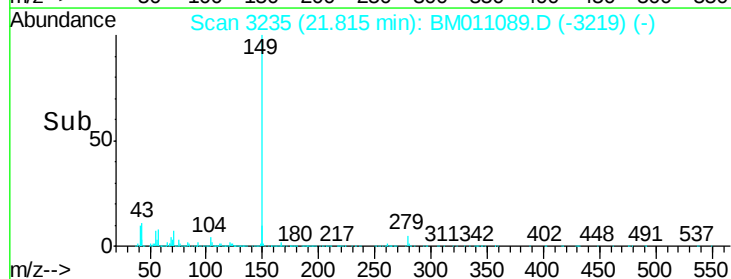
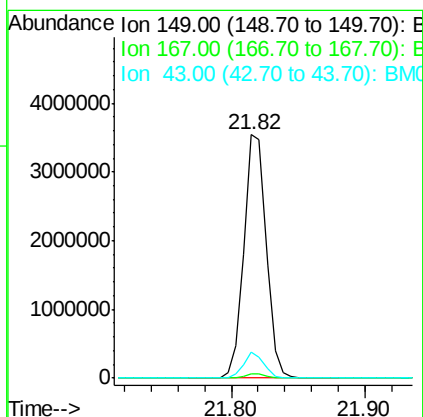
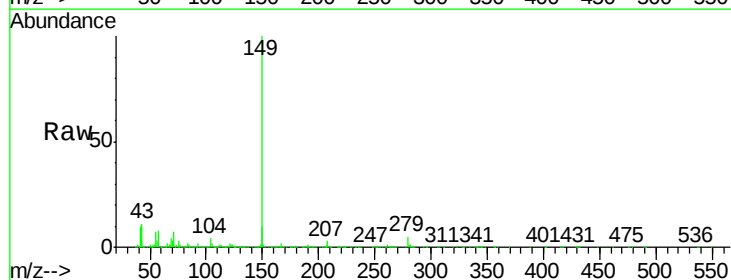
Instrument :
 BNA_M
 ClientSampleId :
 PB101132BS

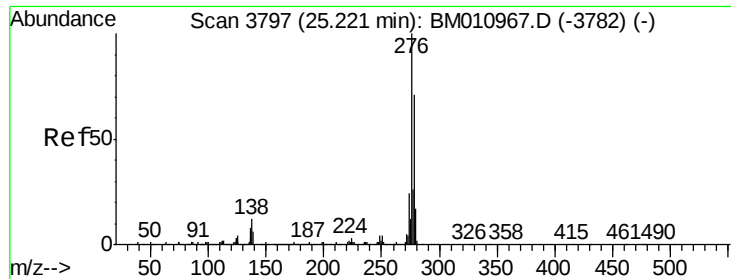
Tot Ion:149 Resp: 2606264
 Ion Ratio Lower Upper
 149 100
 167 29.0 22.4 33.6
 279 5.7 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 45.84 ng
 RT: 21.82 min Scan# 3235
 Delta R.T. -0.01 min
 Lab File: BM011089.D
 Acq: 01 Aug 2017 19:15

Tgt Ion:149 Resp: 4073554
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 9.8 7.3 10.9

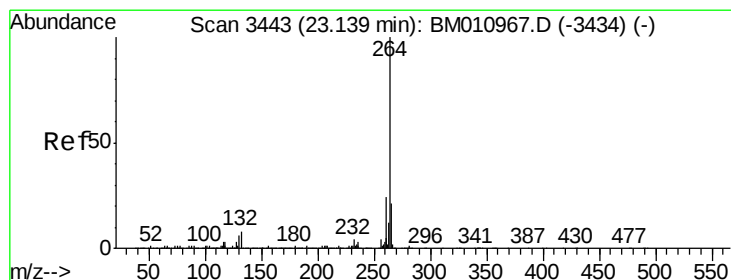
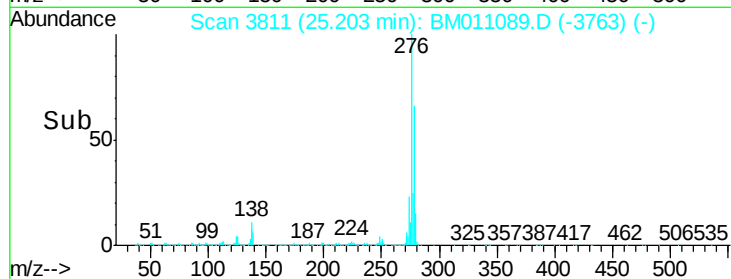
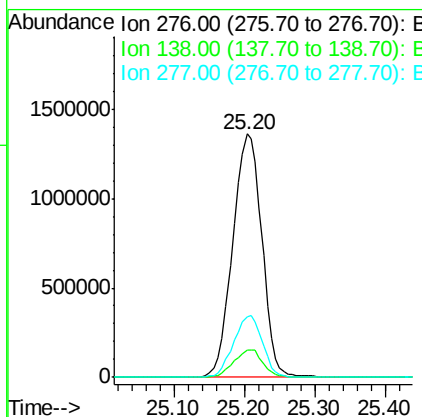
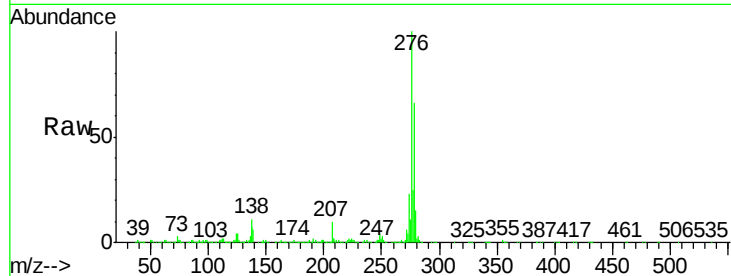




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.09 ng
 RT: 25.20 min Scan# 3811
 Delta R.T. -0.02 min
 Lab File: BM011089.D
 Acq: 01 Aug 2017 19:15

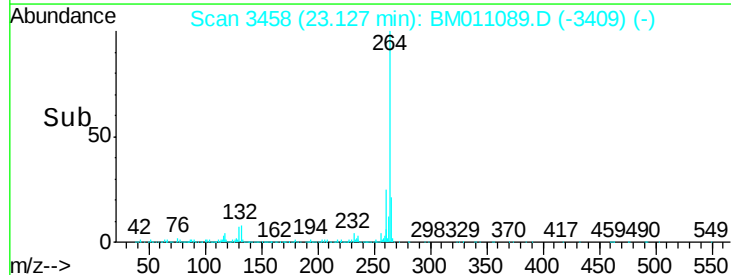
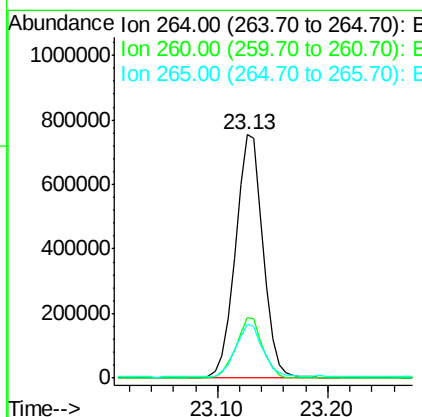
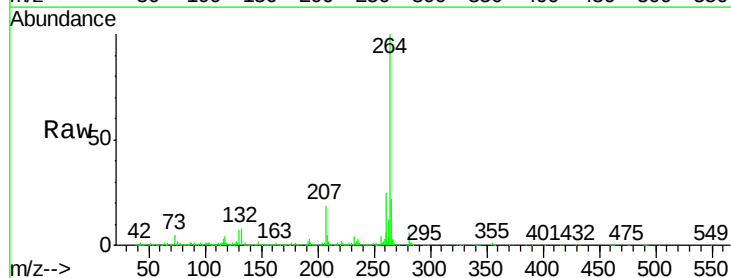
Instrument :
 BNA_M
 ClientSampleId :
 PB101132BS

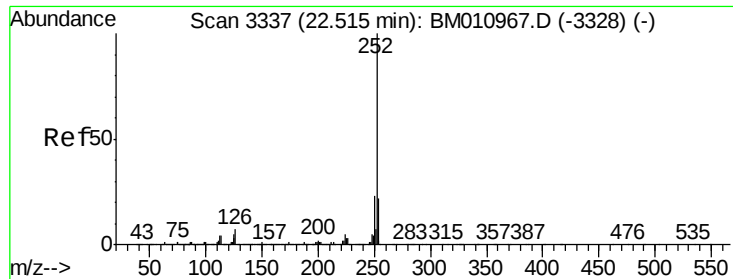
Tot Ion:276 Resp: 3909043
 Ion Ratio Lower Upper
 276 100
 138 11.3 12.0 18.0#
 277 25.2 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.13 min Scan# 3458
 Delta R.T. -0.01 min
 Lab File: BM011089.D
 Acq: 01 Aug 2017 19:15

Tgt Ion:264 Resp: 1322414
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.6 27.8
 265 22.4 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 49.66 ng

RT: 22.51 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

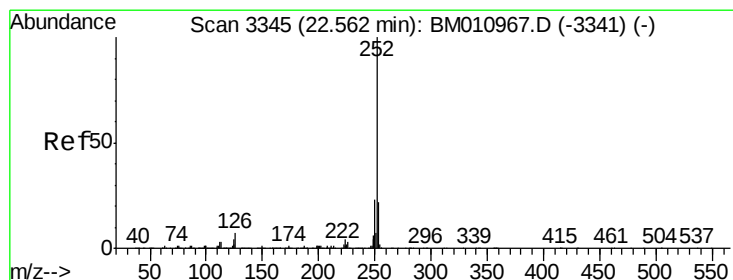
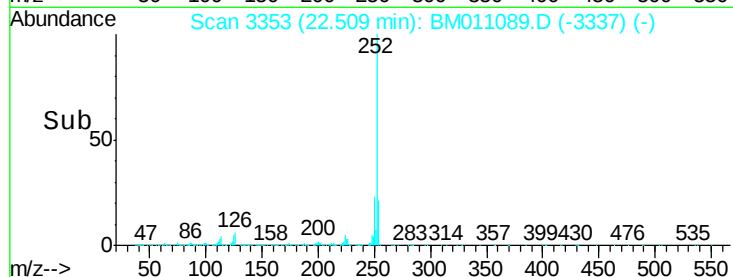
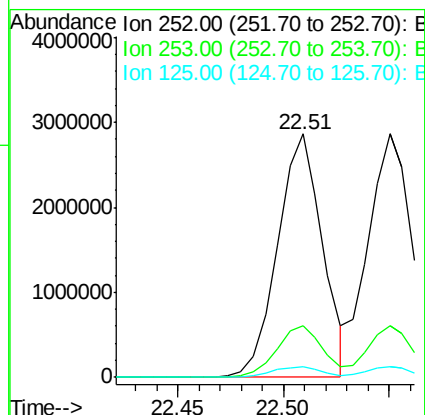
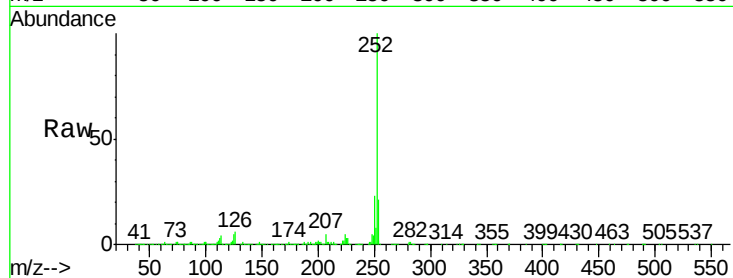
Tot Ion:252 Resp: 4214522

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

125 4.6 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 50.77 ng

RT: 22.55 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

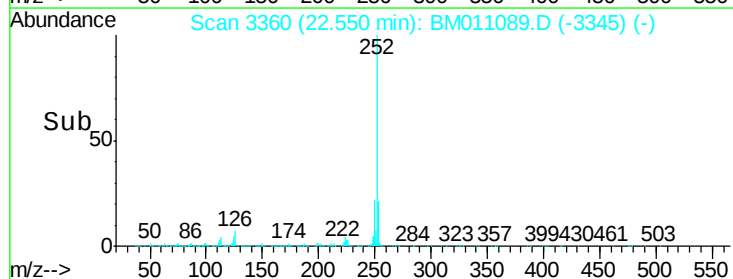
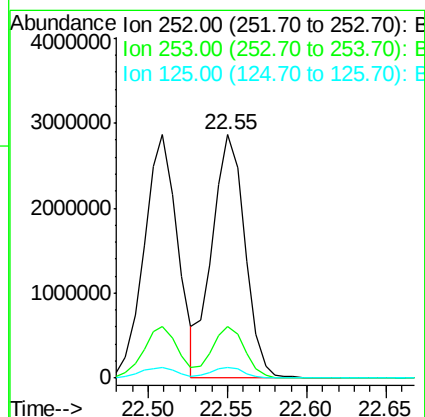
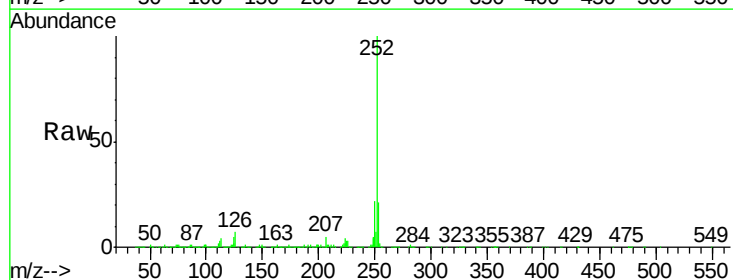
Tgt Ion:252 Resp: 4130104

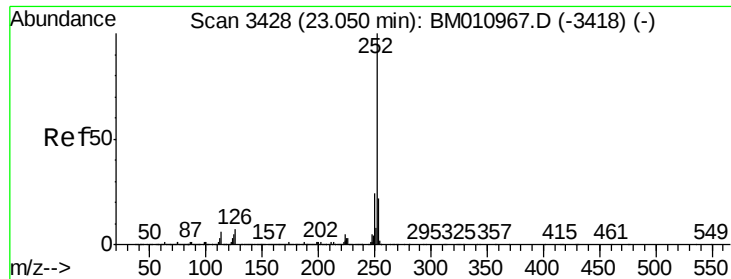
Ion Ratio Lower Upper

252 100

253 21.2 17.2 25.8

125 4.6 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 50.06 ng

RT: 23.04 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

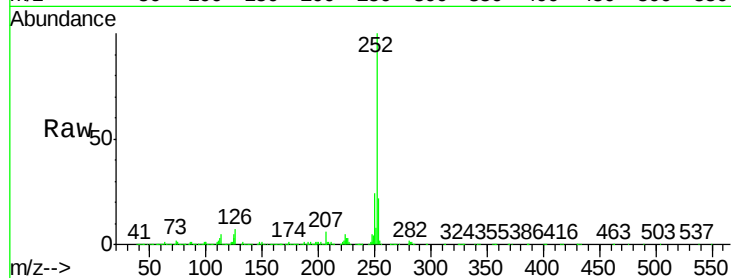
BNA_M

ClientSampleId :

PB101132BS

Tot Ion:252 Resp: 3844816

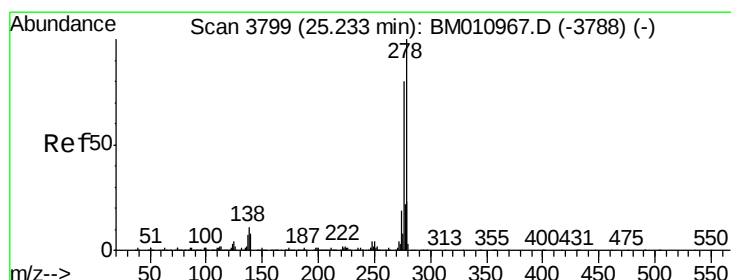
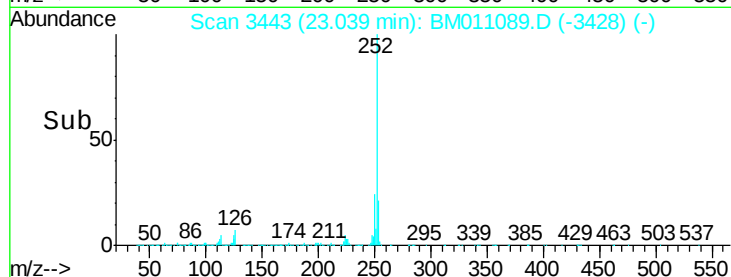
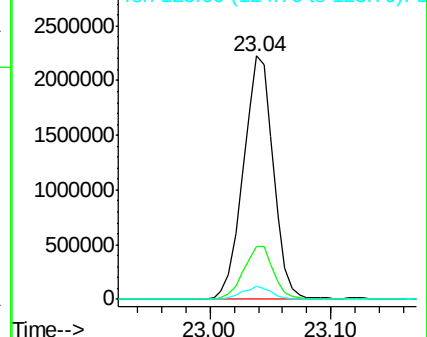
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	5.4	7.4	11.2#



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: 45.13 ng

RT: 25.22 min Scan# 3814

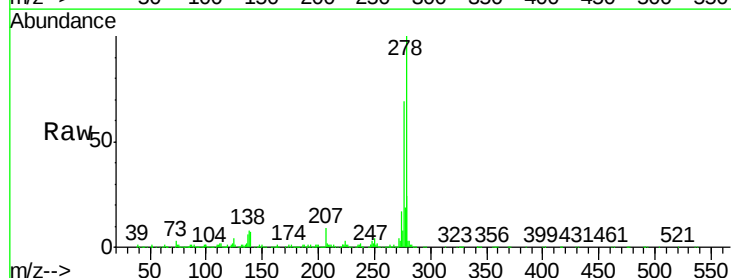
Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Tgt Ion:278 Resp: 3212893

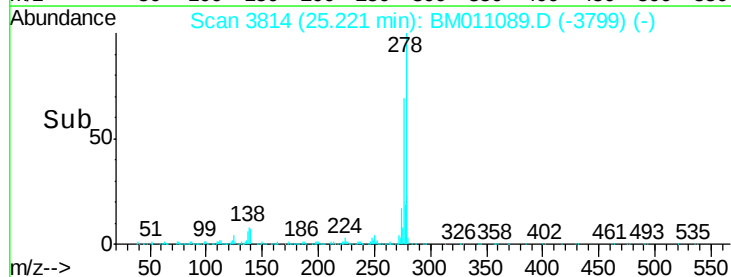
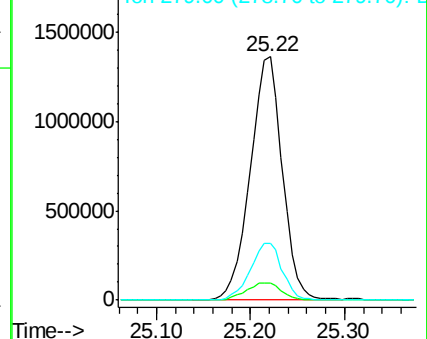
Ion	Ratio	Lower	Upper
278	100		
139	6.8	13.4	20.0#
279	23.5	19.0	28.4

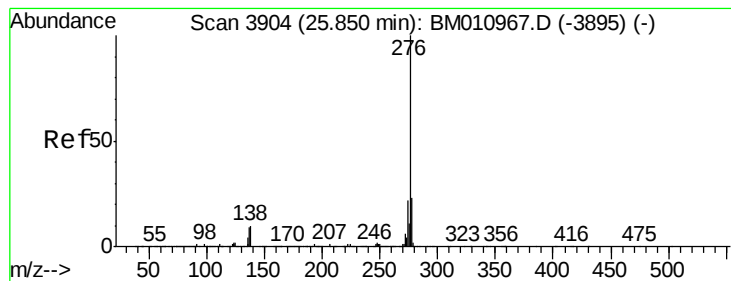


Abundance Ion 278.00 (277.70 to 278.70): E

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: 45.29 ng

RT: 25.84 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BM011089.D

Acq: 01 Aug 2017 19:15

Instrument :

BNA_M

ClientSampleId :

PB101132BS

Tot Ion: 276 Resp: 3166082

Ion Ratio Lower Upper

276 100

277 25.0 18.5 27.7

138 9.5 19.0 28.6#

