

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081617\
 Data File : BM011262.D
 Acq On : 16 Aug 2017 19:56
 Operator : SJ/JU
 Sample : PB101577BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101577BSD

Quant Time: Aug 17 03:28:08 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	121617	20.00	ng	-0.01
21) Naphthalene-d8	10.03	136	460275	20.00	ng	-0.01
38) Acenaphthene-d10	13.95	164	341726	20.00	ng	-0.01
63) Phenanthrene-d10	16.70	188	962550	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	1320989	20.00	ng	-0.01
86) Perylene-d12	23.00	264	1107931	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.92	112	653006	90.77	ng	-0.01
7) Phenol-d6	6.48	99	920576	90.06	ng	-0.01
23) Nitrobenzene-d5	8.42	82	1240734	101.17	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	500606	91.40	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	2249312	82.55	ng	-0.01
78) Terphenyl-d14	19.37	244	4855046	72.80	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.91	88	132332	40.97	ng	# 100
3) Pyridine	3.28	79	389719	44.17	ng	# 89
4) n-Nitrosodimethylamine	3.20	42	231362	51.46	ng	# 66
6) Aniline	6.62	93	407654	31.64	ng	# 80
8) 2-Chlorophenol	6.85	128	288867	39.55	ng	# 70
9) Benzaldehyde	6.43	77	163163	24.67	ng	# 62
10) Phenol	6.51	94	481122	43.33	ng	# 93
11) bis(2-Chloroethyl)ether	6.73	93	358702	41.46	ng	# 86
12) 1,3-Dichlorobenzene	7.16	146	348550	39.16	ng	# 72
13) 1,4-Dichlorobenzene	7.31	146	353091	38.70	ng	# 89
14) 1,2-Dichlorobenzene	7.62	146	331431	37.99	ng	# 88
15) Benzyl Alcohol	7.53	79	461228	47.04	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.80	45	368659	47.36	ng	# 83
17) 2-Methylphenol	7.73	107	301101	42.43	ng	# 71
18) Hexachloroethane	8.33	117	163881	41.18	ng	# 81
19) n-Nitroso-di-n-propylamine	8.09	70	408857	47.07	ng	# 95
20) 3+4-Methylphenols	8.06	107	404302	40.99	ng	# 78
22) Acetophenone	8.09	105	594070	43.06	ng	# 87
24) Nitrobenzene	8.46	77	617340	48.58	ng	# 79
25) Isophorone	8.99	82	979495	47.90	ng	# 82
26) 2-Nitrophenol	9.16	139	165552	40.94	ng	# 1
27) 2,4-Dimethylphenol	9.25	122	290296	40.78	ng	# 62
28) bis(2-Chloroethoxy)methane	9.48	93	504925	44.27	ng	# 98
29) 2,4-Dichlorophenol	9.69	162	331997	41.51	ng	# 93
30) 1,2,4-Trichlorobenzene	9.90	180	417145	42.18	ng	# 96
31) Naphthalene	10.08	128	933946	40.33	ng	# 98
32) Benzoic acid	9.39	122	200638	35.07	ng	# 50
33) 4-Chloroaniline	10.22	127	192111	20.80	ng	# 67
34) Hexachlorobutadiene	10.37	225	343974	44.16	ng	# 98
35) Caprolactam	11.00	113	107356	47.33	ng	# 79
36) 4-Chloro-3-methylphenol	11.35	107	434825	42.10	ng	# 67
37) 2-Methylnaphthalene	11.71	142	733866	43.14	ng	# 85
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	561812	38.27	ng	# 100
40) Hexachlorocyclopentadiene	12.07	237	882880	103.20	ng	# 98

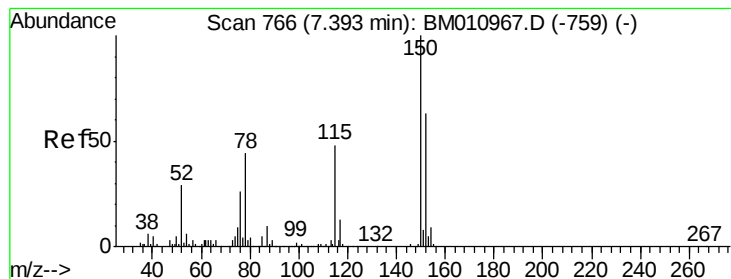
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081617\
 Data File : BM011262.D
 Acq On : 16 Aug 2017 19:56
 Operator : SJ/JU
 Sample : PB101577BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101577BSD

Quant Time: Aug 17 03:28:08 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.35	196	347809	39.14	nq	99
43) 2,4,5-Trichlorophenol	12.42	196	382193	41.76	nq	# 84
45) 1,1'-Biphenyl	12.76	154	1062981	35.97	nq	93
46) 2-Chloronaphthalene	12.80	162	833285	38.28	nq	94
47) 2-Nitroaniline	13.02	65	423105	54.93	nq	# 58
48) Acenaphthylene	13.66	152	1297693	39.94	nq	99
49) Dimethylphthalate	13.42	163	1151854	39.40	nq	# 99
50) 2,6-Dinitrotoluene	13.54	165	252948	42.79	nq	# 41
51) Acenaphthene	14.01	154	794718	39.50	nq	98
52) 3-Nitroaniline	13.87	138	201013	39.18	nq	# 16
53) 2,4-Dinitrophenol	14.08	184	396847	94.46	nq	# 70
54) Dibenzofuran	14.35	168	1420688	43.58	nq	92
55) 4-Nitrophenol	14.20	139	367517	81.54	nq	# 76
56) 2,4-Dinitrotoluene	14.34	165	383661	46.23	nq	# 75
57) Fluorene	15.00	166	1175312	41.41	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.59	232	428730	49.98	nq	# 100
59) Diethylphthalate	14.81	149	1255761	42.06	nq	98
60) 4-Chlorophenyl-phenylether	15.01	204	715293	41.74	nq	98
61) 4-Nitroaniline	15.04	138	197987	36.34	nq	# 1
62) Azobenzene	15.30	77	1755319	54.94	nq	83
64) 4,6-Dinitro-2-methylphenol	15.10	198	276024	42.36	nq	95
65) n-Nitrosodiphenylamine	15.23	169	1057183	38.38	nq	98
66) 4-Bromophenyl-phenylether	15.91	248	480683	38.85	nq	# 89
67) Hexachlorobenzene	16.01	284	514719	36.81	nq	# 85
68) Atrazine	16.21	200	483947	43.84	nq	95
69) Pentachlorophenol	16.36	266	716144	80.67	nq	97
70) Phenanthrene	16.74	178	2169749	43.05	nq	100
71) Anthracene	16.84	178	2192310	43.61	nq	99
72) Carbazole	17.12	167	1851997	42.13	nq	99
73) Di-n-butylphthalate	17.71	149	2306879	43.09	nq	# 95
74) Fluoranthene	18.78	202	2965550	47.48	nq	98
76) Benzidine	18.99	184	1603708	50.75	nq	99
77) Pyrene	19.14	202	3067296	39.08	nq	100
79) Butylbenzylphthalate	20.09	149	1079983	38.69	nq	# 53
80) Benzo(a)anthracene	20.92	228	3064024	40.62	nq	99
81) 3,3'-Dichlorobenzidine	20.87	252	864025	29.20	nq	# 93
82) Chrysene	20.97	228	2892495	39.95	nq	100
83) Bis(2-ethylhexyl)phthalate	20.89	149	1540422	37.52	nq	# 95
84) Di-n-octyl phthalate	21.73	149	2499170	37.50	nq	# 94
85) Indeno(1,2,3-cd)pyrene	25.01	276	2904109	38.73	nq	# 95
87) Benzo(b)fluoranthene	22.40	252	2887307	40.60	nq	# 91
88) Benzo(k)fluoranthene	22.44	252	2735778	40.14	nq	# 94
89) Benzo(a)pyrene	22.92	252	2717637	42.24	nq	# 96
90) Dibenzo(a,h)anthracene	25.03	278	2403886	40.30	nq	# 90
91) Benzo(g,h,i)perylene	25.63	276	2412607	41.19	nq	# 84

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 763

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

BNA_M

ClientSampleId :

PB101577BSD

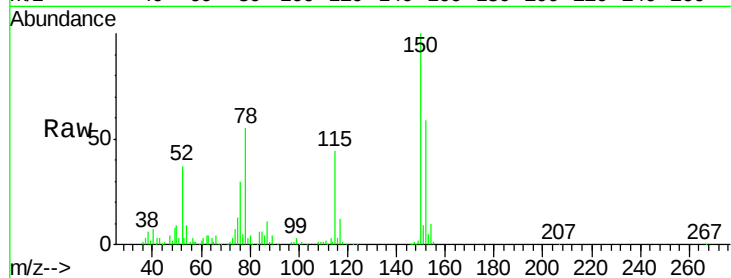
Tot Ion:152 Resp: 121617

Ion Ratio Lower Upper

152 100

150 169.0 119.5 179.3

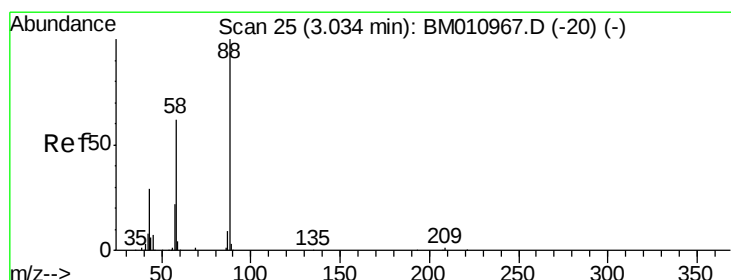
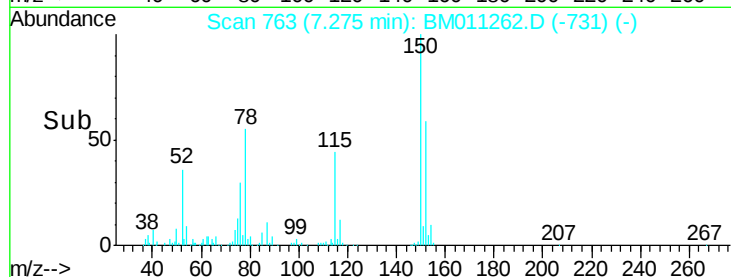
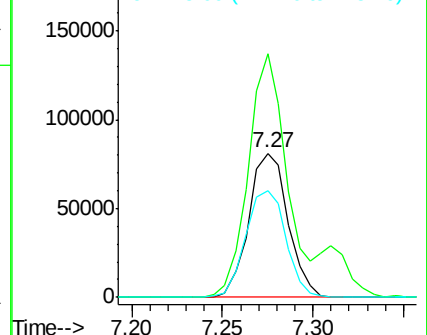
115 73.8 43.0 64.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.97 ng

RT: 2.91 min Scan# 21

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

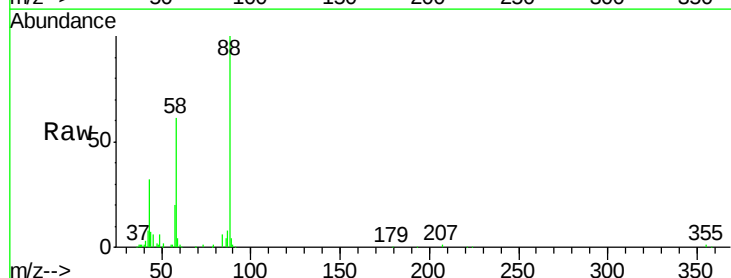
Tgt Ion: 88 Resp: 132332

Ion Ratio Lower Upper

88 100

58 65.3 0.0 0.0#

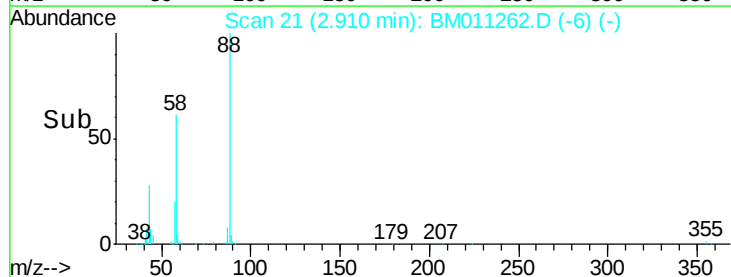
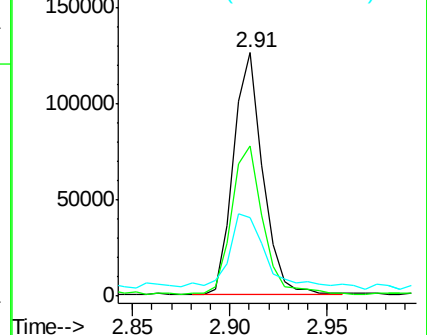
43 40.8 0.0 0.0#

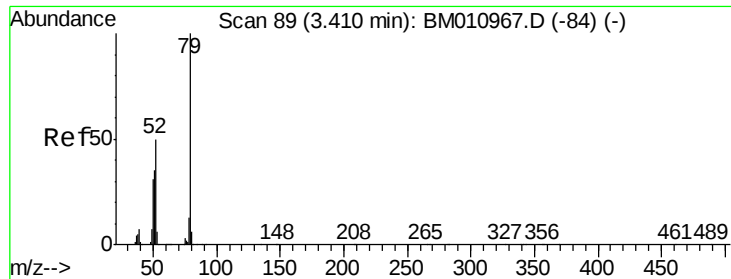


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 44.17 ng

RT: 3.28 min Scan# 84

Delta R.T. -0.02 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

BNA_M

ClientSampleId :

PB101577BSD

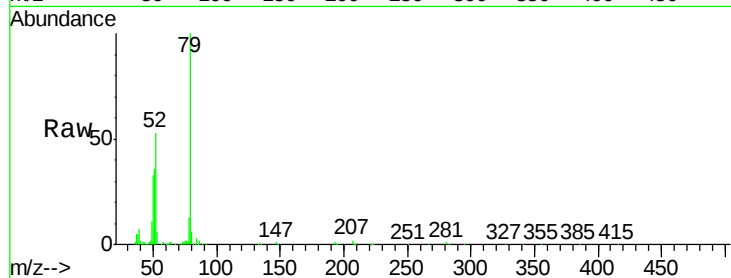
Tot Ion: 79 Resp: 389719

Ion Ratio Lower Upper

79 100

52 53.4 51.1 76.7

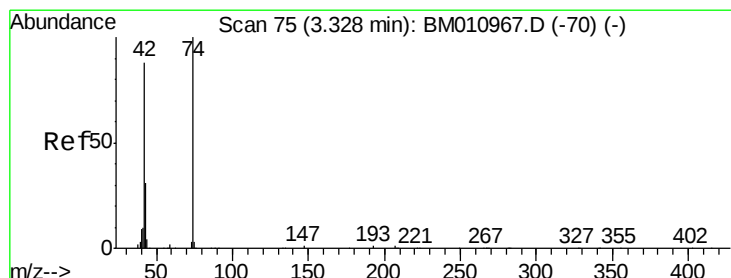
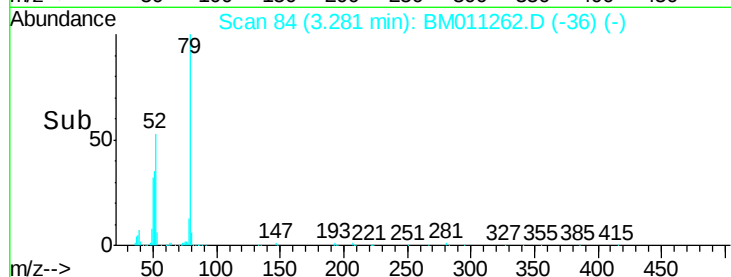
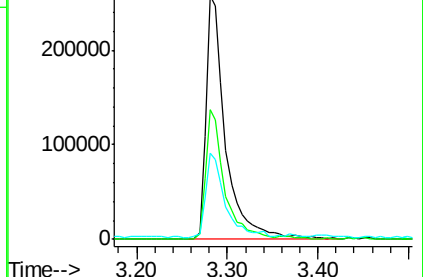
51 35.6 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM011262.D (-36) (-)

Ion 52.00 (51.70 to 52.70): BM011262.D (-36) (-)

Ion 51.00 (50.70 to 51.70): BM011262.D (-36) (-)



#4

n-Nitrosodimethylamine

Concen: 51.46 ng

RT: 3.20 min Scan# 71

Delta R.T. -0.02 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

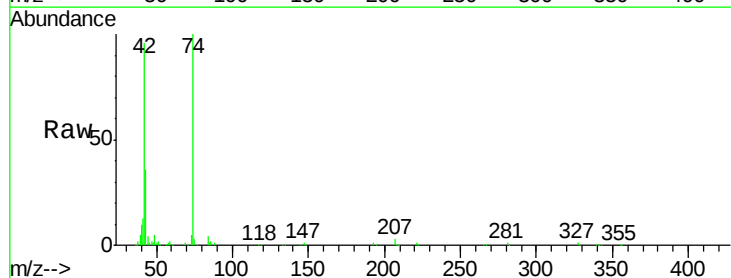
Tgt Ion: 42 Resp: 231362

Ion Ratio Lower Upper

42 100

74 104.7 119.3 178.9#

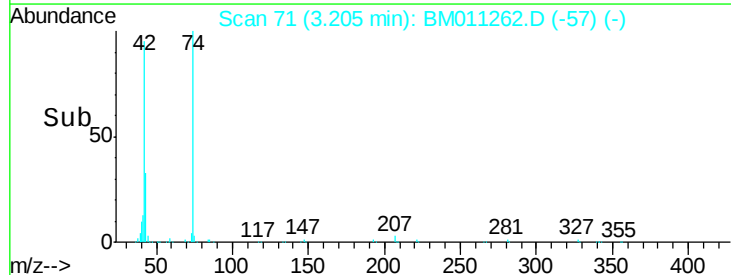
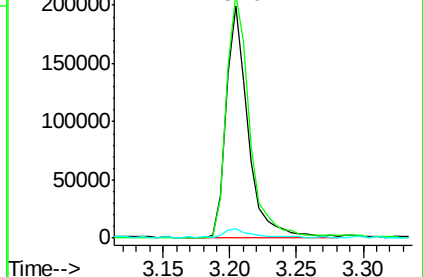
44 4.3 5.4 8.2#

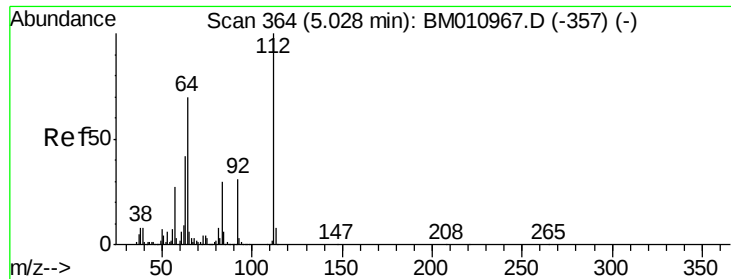


Abundance Ion 42.00 (41.70 to 42.70): BM011262.D (-57) (-)

Ion 74.00 (73.70 to 74.70): BM011262.D (-57) (-)

Ion 44.00 (43.70 to 44.70): BM011262.D (-57) (-)





#5

2-Fluorophenol

Concen: 90.77 ng

RT: 4.92 min Scan# 362

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

BNA_M

ClientSampleId :

PB101577BSD

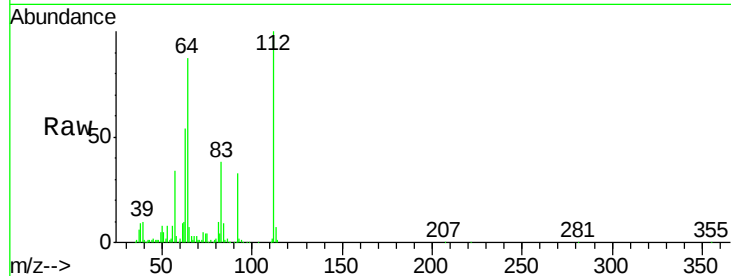
Tot Ion:112 Resp: 653006

Ion Ratio Lower Upper

112 100

64 86.7 38.6 57.8#

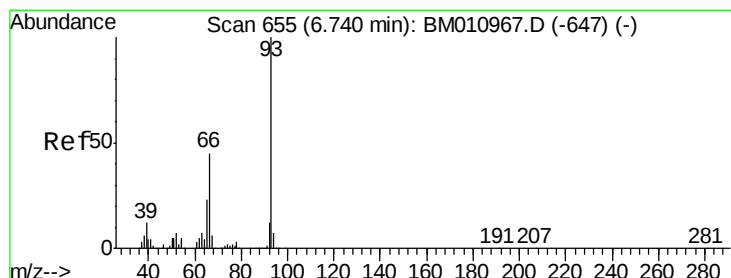
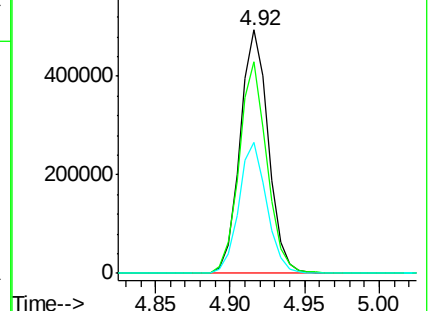
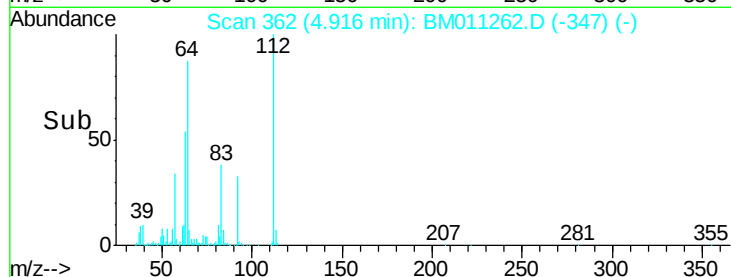
63 53.7 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 31.64 ng

RT: 6.62 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

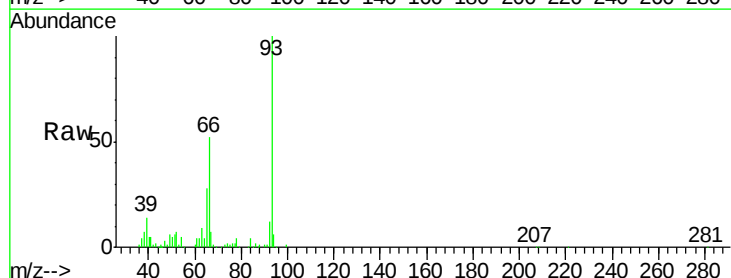
Tgt Ion: 93 Resp: 407654

Ion Ratio Lower Upper

93 100

66 51.8 30.8 46.2#

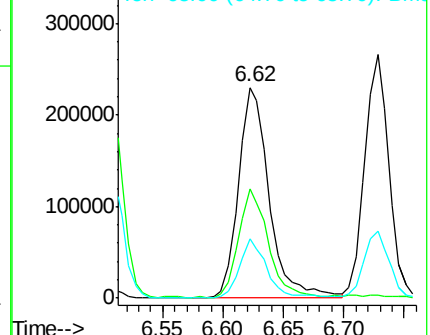
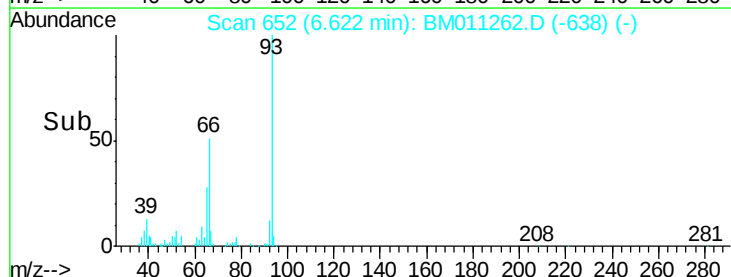
65 28.0 16.0 24.0#

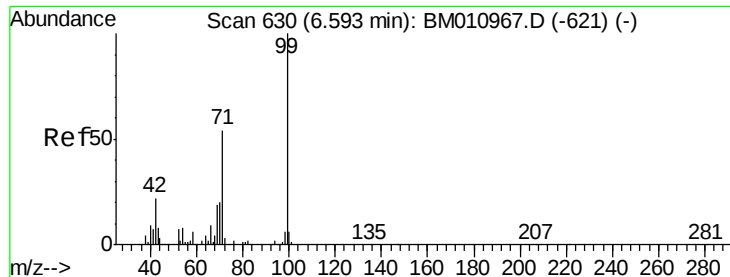


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 90.06 ng

RT: 6.48 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

BNA_M

ClientSampleId :

PB101577BSD

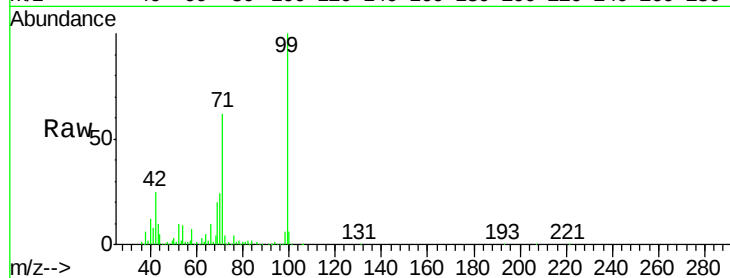
Tot Ion: 99 Resp: 920576

Ion Ratio Lower Upper

99 100

42 24.9 11.0 16.4#

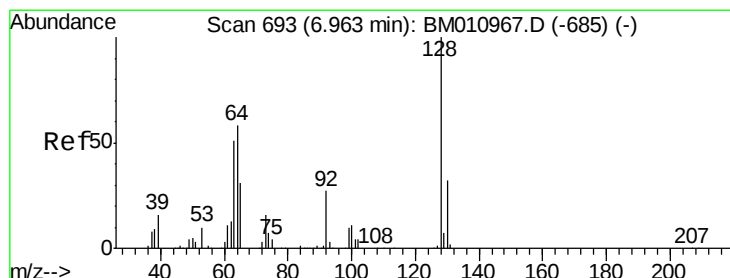
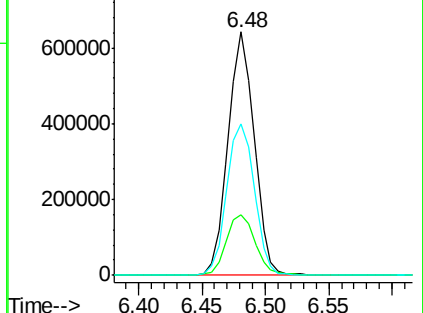
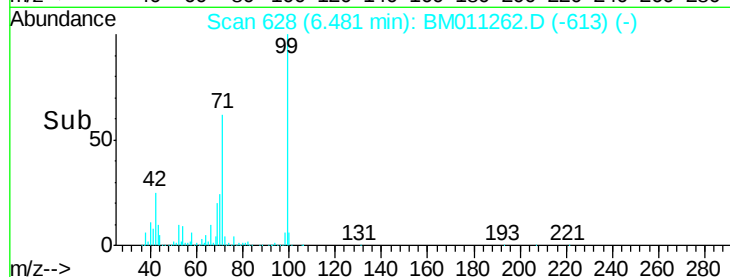
71 62.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011262.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011262.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011262.D (-613) (-)



#8

2-Chlorophenol

Concen: 39.55 ng

RT: 6.85 min Scan# 691

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

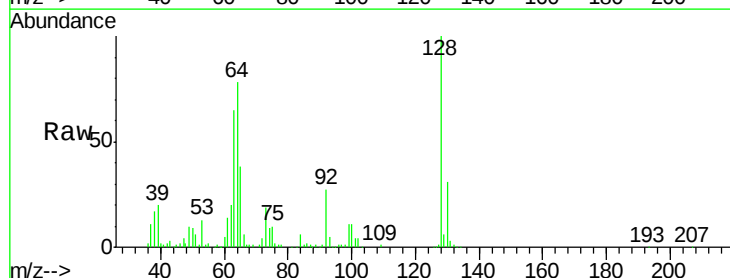
Tgt Ion: 128 Resp: 288867

Ion Ratio Lower Upper

128 100

130 31.0 12.0 52.0

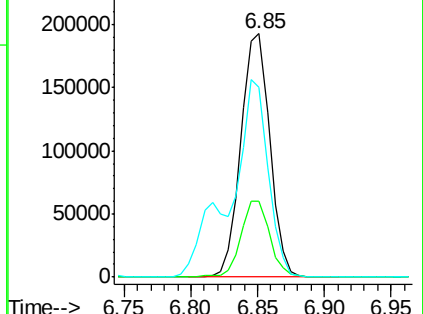
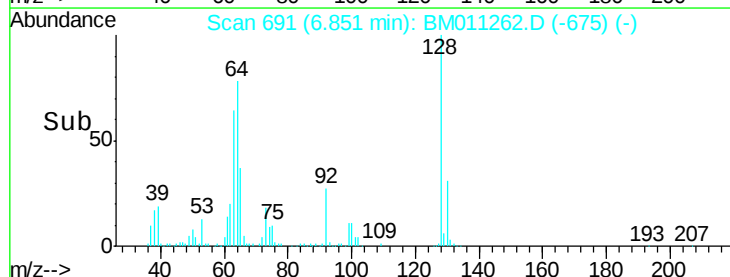
64 77.8 24.9 64.9#

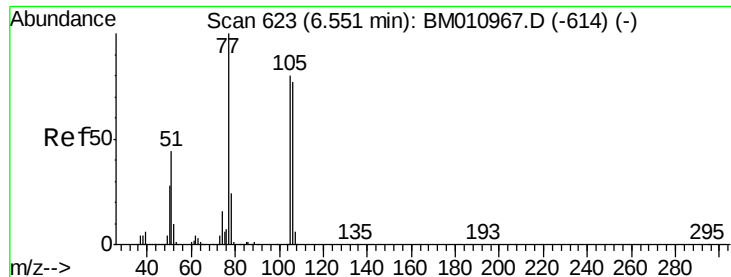


Abundance Ion 128.00 (127.70 to 128.70): BM011262.D (-675) (-)

Ion 130.00 (129.70 to 130.70): BM011262.D (-675) (-)

Ion 64.00 (63.70 to 64.70): BM011262.D (-675) (-)





#9

Benzaldehyde

Concen: 24.67 ng

RT: 6.43 min Scan# 620

Delta R.T. -0.02 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

BNA_M

ClientSampleId :

PB101577BSD

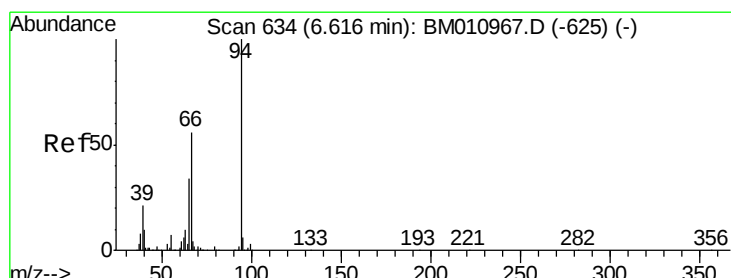
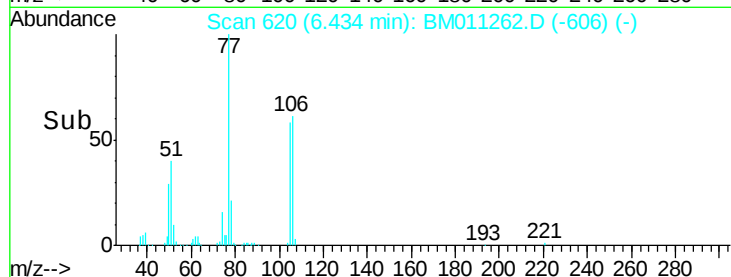
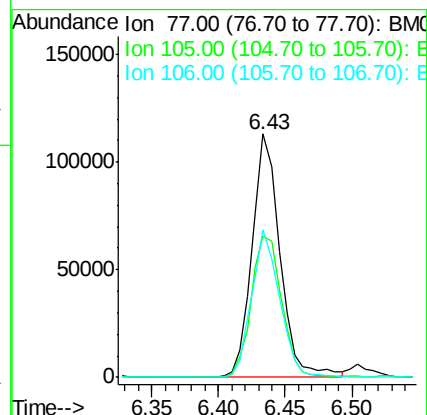
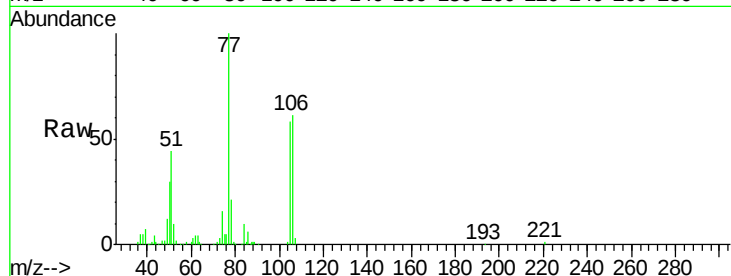
Tot Ion: 77 Resp: 163163

Ion Ratio Lower Upper

77 100

105 57.9 78.8 118.8#

106 60.5 73.7 113.7#



#10

Phenol

Concen: 43.33 ng

RT: 6.51 min Scan# 633

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

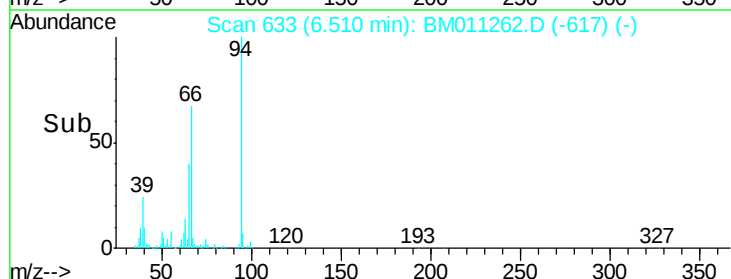
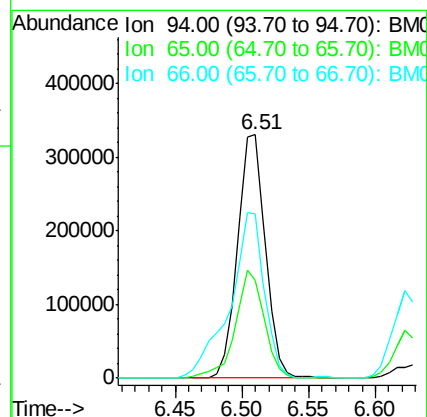
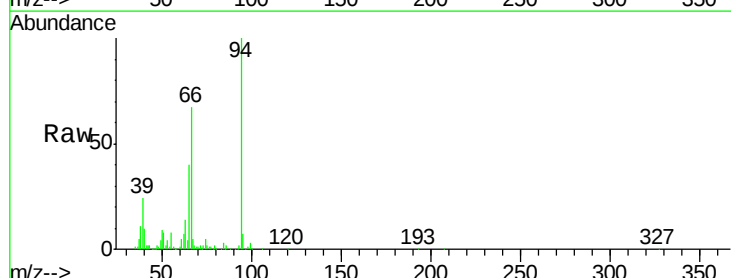
Tgt Ion: 94 Resp: 481122

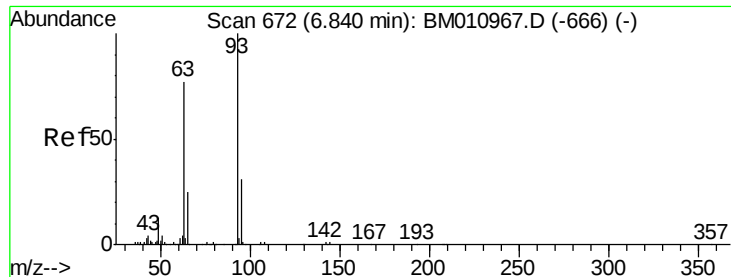
Ion Ratio Lower Upper

94 100

65 40.3 18.8 58.8

66 67.2 39.9 79.9

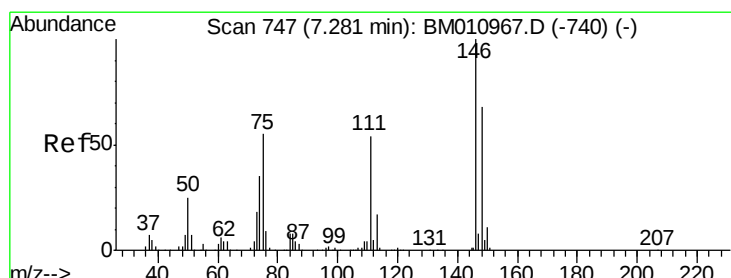
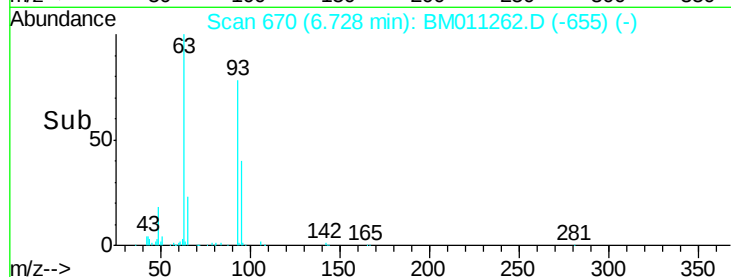
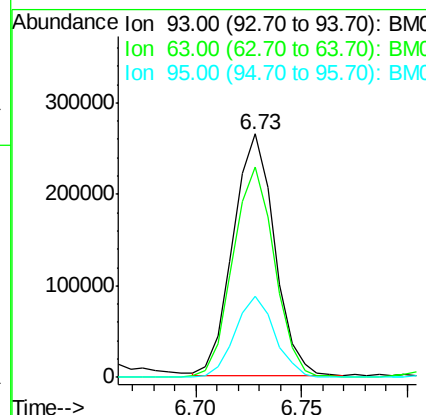
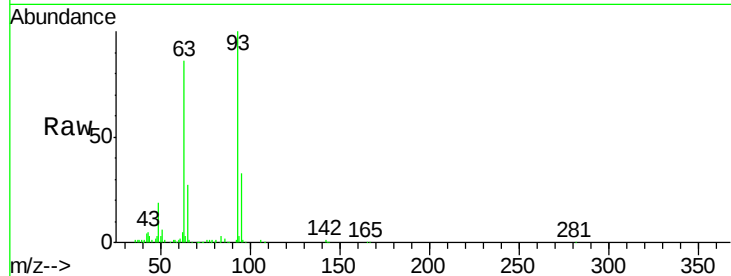




#11
bis(2-Chloroethyl)ether
Concen: 41.46 ng
RT: 6.73 min Scan# 670
Delta R.T. -0.01 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

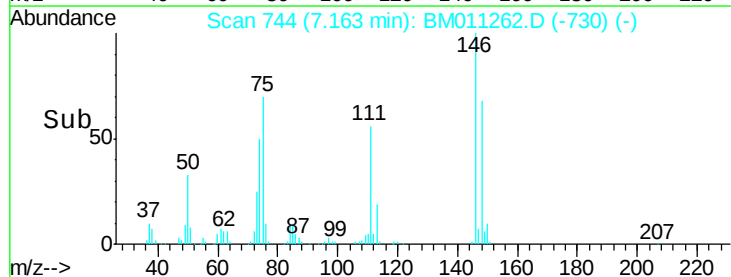
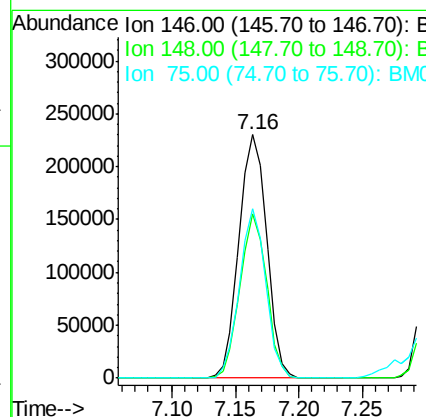
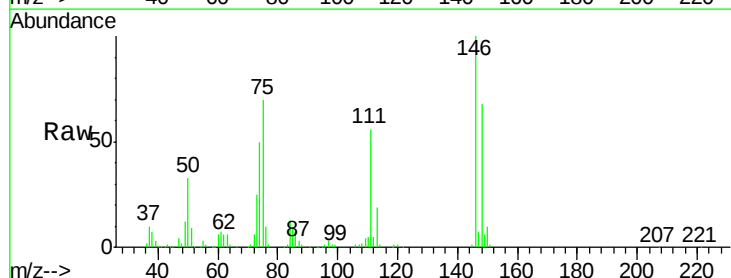
Instrument :
BNA_M
ClientSampleId :
PB101577BSD

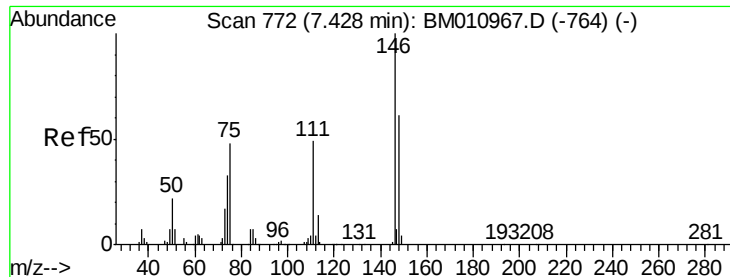
Tot Ion:	93	Resp:	358702
Ion	Ratio	Lower	Upper
93	100		
63	86.3	49.5	89.5
95	33.3	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 39.16 ng
RT: 7.16 min Scan# 744
Delta R.T. -0.02 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

Tgt Ion:	146	Resp:	348550
Ion	Ratio	Lower	Upper
146	100		
148	67.6	50.9	76.3
75	69.6	21.4	32.2#

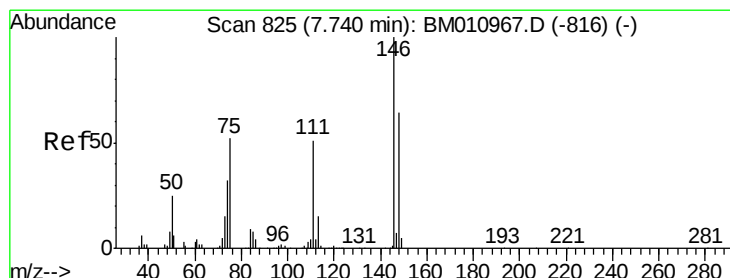
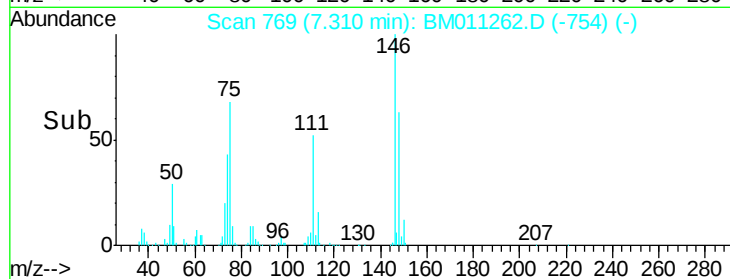
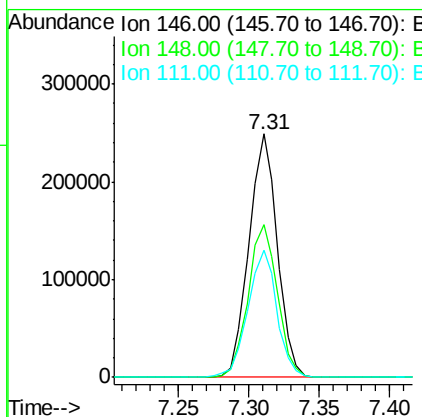
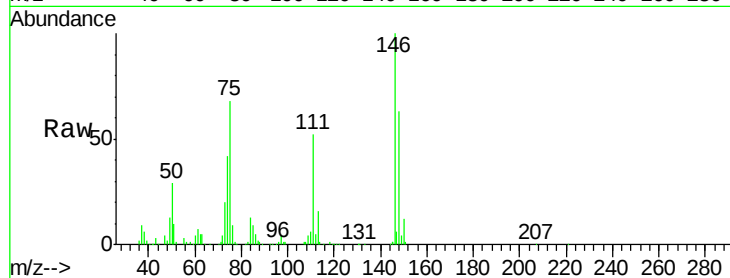




#13
 1,4-Dichlorobenzene
 Concen: 38.70 ng
 RT: 7.31 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

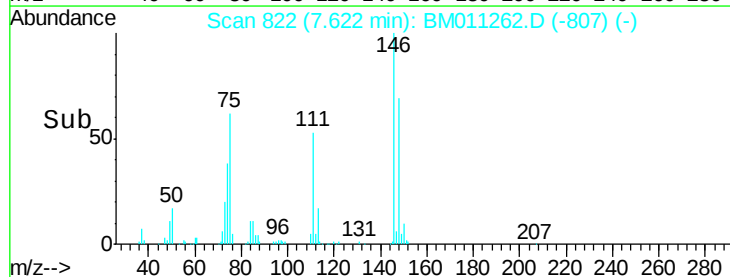
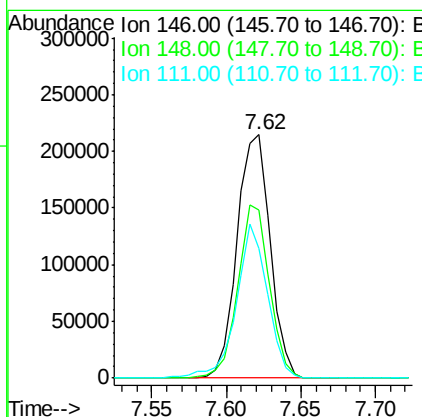
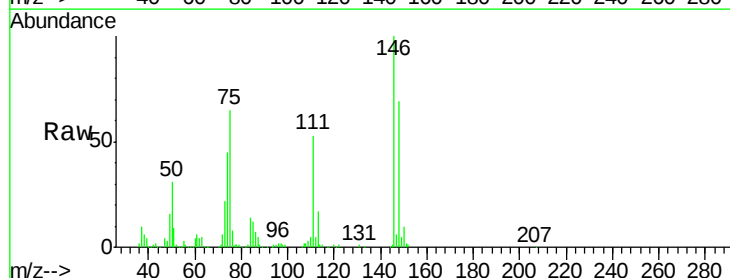
Instrument :
 BNA_M
 ClientSampleId :
 PB101577BSD

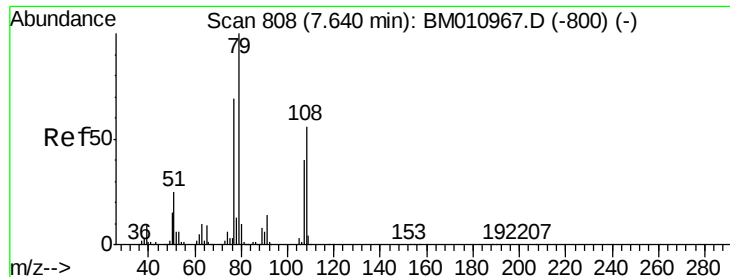
Tot Ion:146 Resp: 353091
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.9 77.9
 111 52.2 29.2 43.8#



#14
 1,2-Dichlorobenzene
 Concen: 37.99 ng
 RT: 7.62 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

Tgt Ion:146 Resp: 331431
 Ion Ratio Lower Upper
 146 100
 148 69.2 52.3 78.5
 111 53.1 30.6 45.8#





#15

Benzyl Alcohol

Concen: 47.04 ng

RT: 7.53 min Scan# 806

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

BNA_M

ClientSampleId :

PB101577BSD

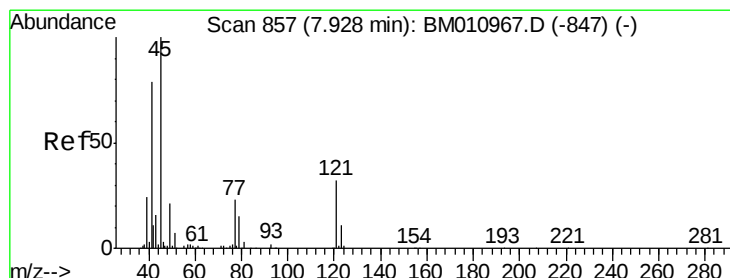
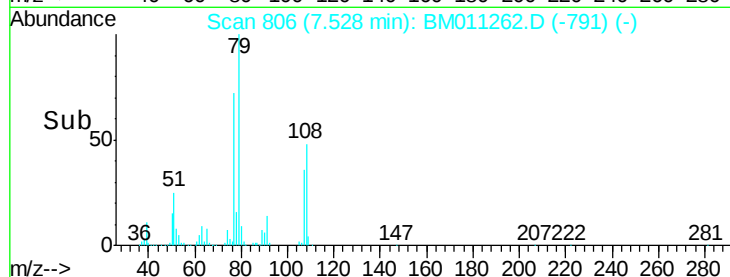
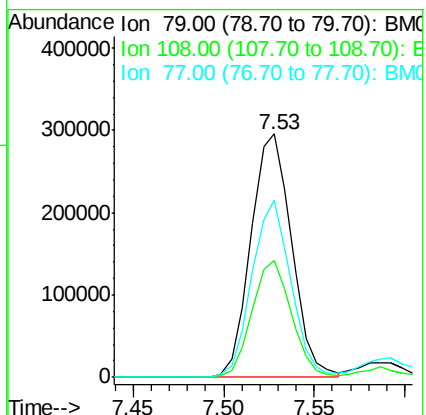
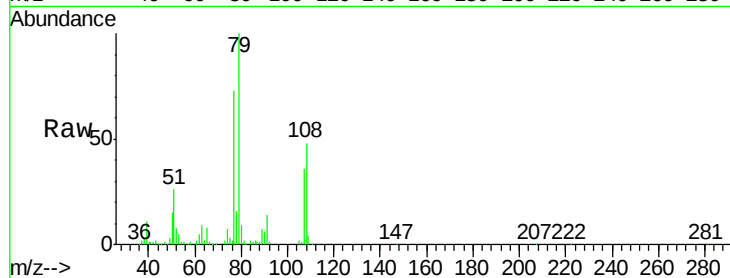
Tot Ion: 79 Resp: 461228

Ion Ratio Lower Upper

79 100

108 48.2 65.0 97.4#

77 72.6 53.0 79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.36 ng

RT: 7.80 min Scan# 853

Delta R.T. -0.02 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

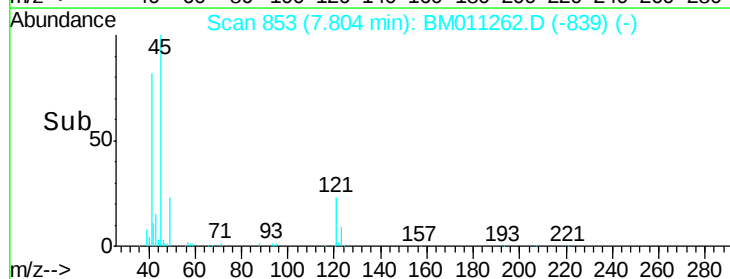
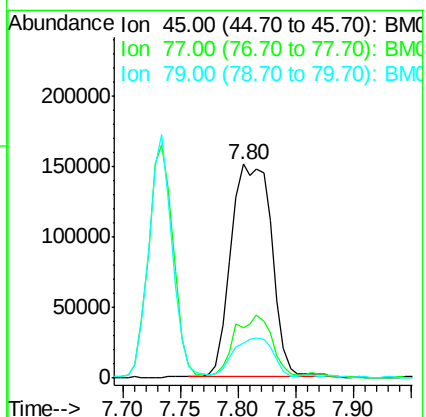
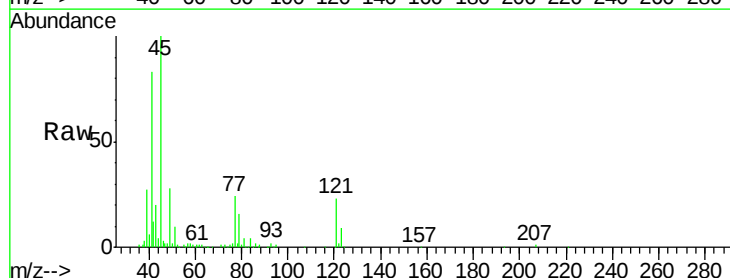
Tgt Ion: 45 Resp: 368659

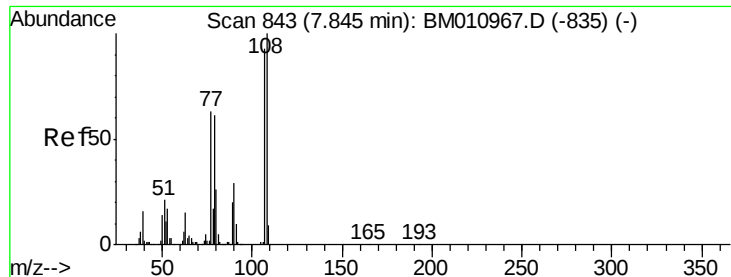
Ion Ratio Lower Upper

45 100

77 23.8 0.0 35.2

79 16.4 0.0 32.0





#17

2-Methylphenol

Concen: 42.43 ng

RT: 7.73 min Scan# 841

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

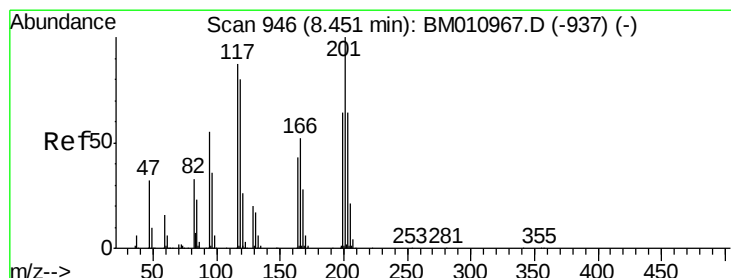
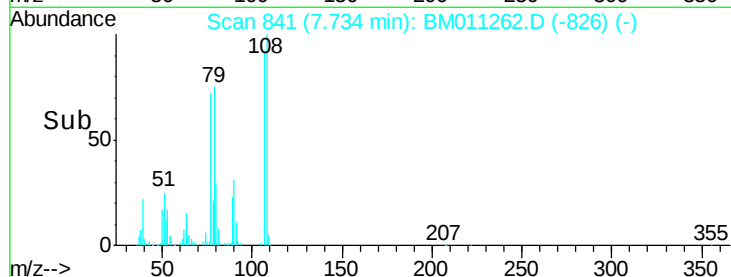
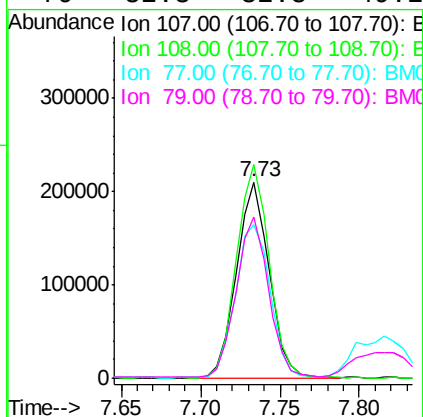
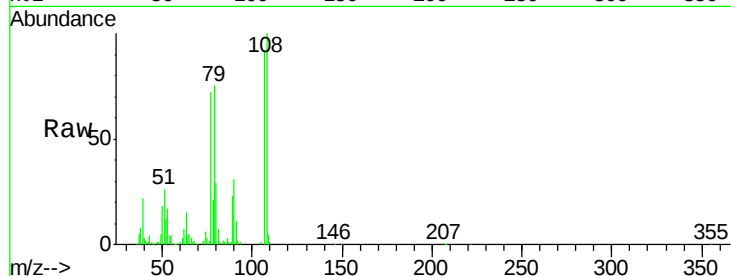
Instrument :

BNA_M

ClientSampleId :

PB101577BSD

Tot Ion:	107	Resp:	301101
Ion	Ratio	Lower	Upper
107	100		
108	109.0	89.8	134.8
77	78.6	32.6	48.8#
79	82.3	32.8	49.2#



#18

Hexachloroethane

Concen: 41.18 ng

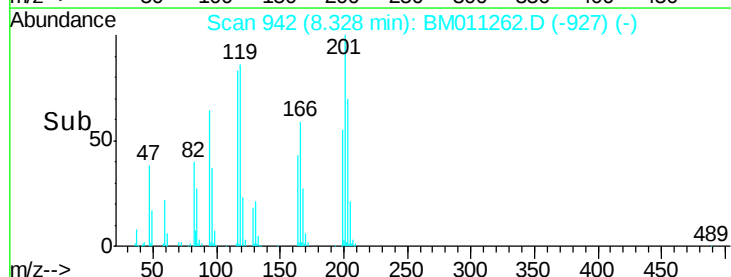
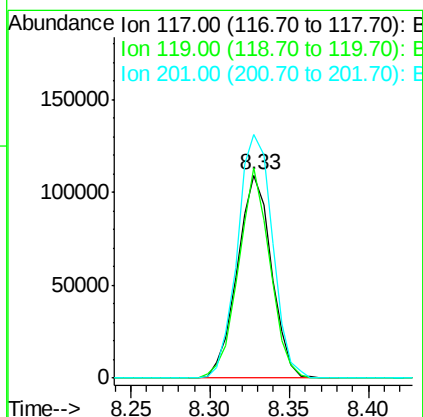
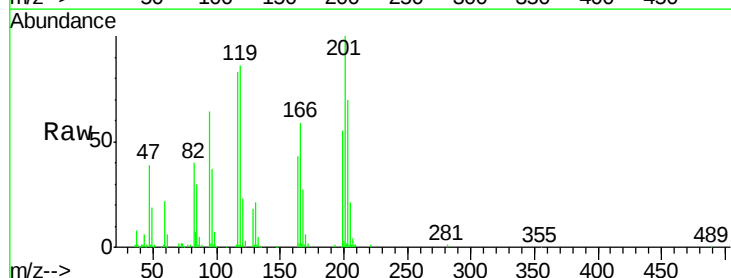
RT: 8.33 min Scan# 942

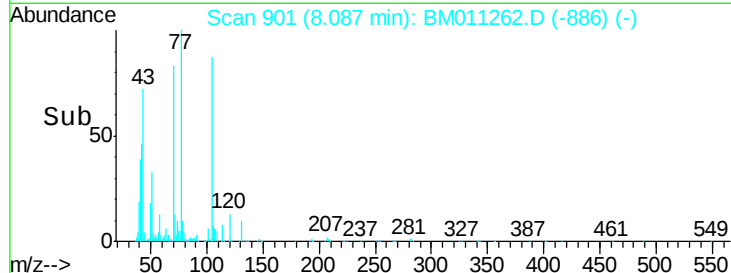
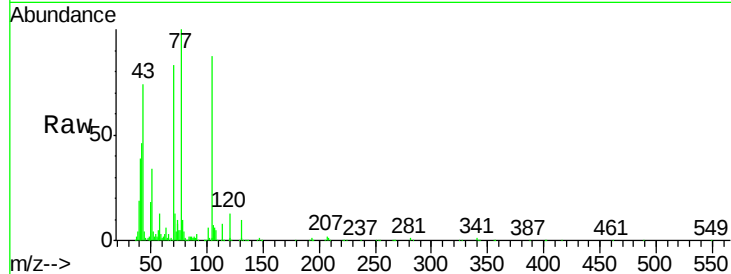
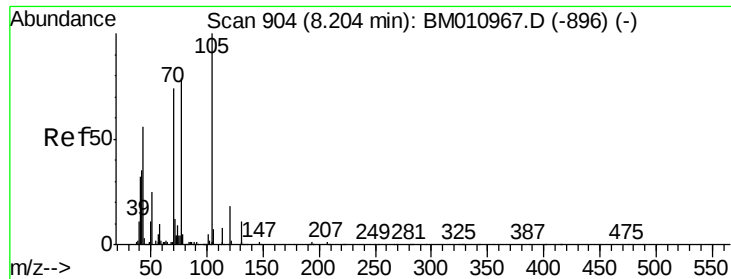
Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Tgt Ion:	117	Resp:	163881
Ion	Ratio	Lower	Upper
117	100		
119	103.7	79.2	118.8
201	120.1	69.8	104.6#

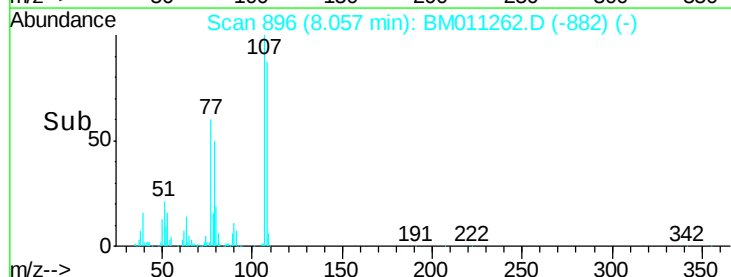
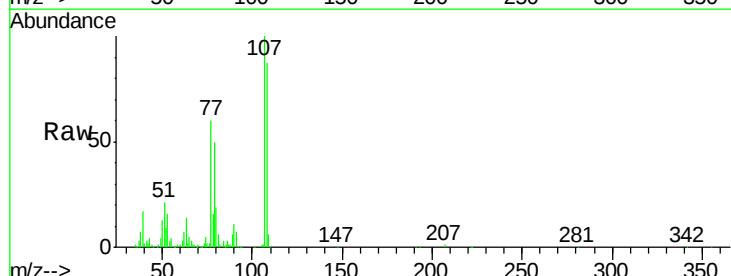
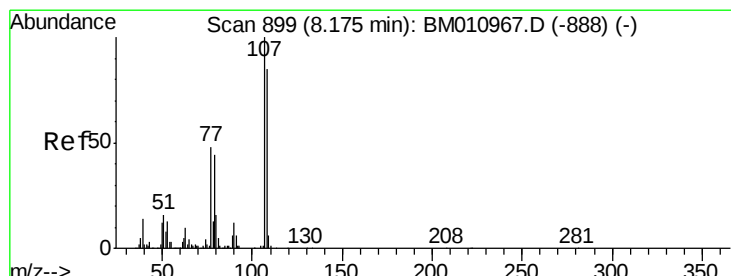
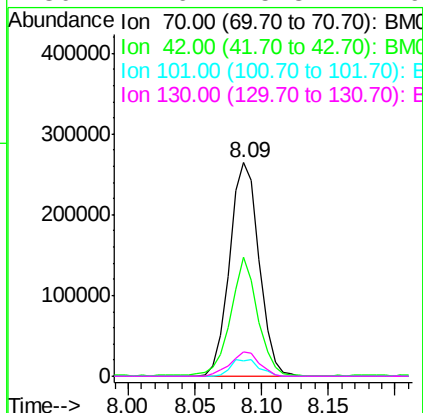




#19
n-Nitroso-di-n-propylamine
Concen: 47.07 ng
RT: 8.09 min Scan# 901
Delta R.T. -0.01 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

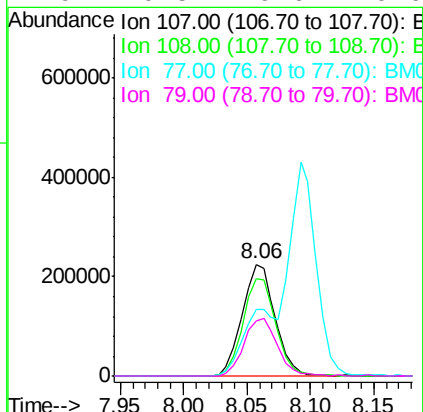
Instrument :
BNA_M
ClientSampleId :
PB101577BSD

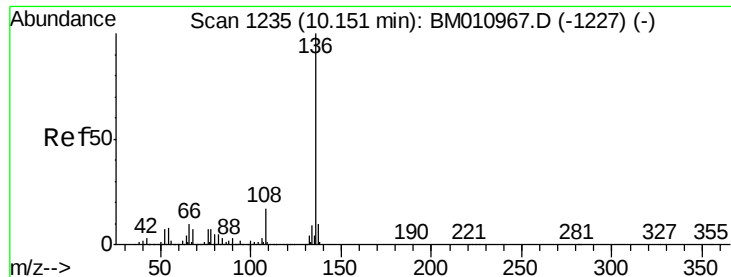
Tot Ion:	70	Resp:	408857
Ion	Ratio	Lower	Upper
70	100		
42	55.9	44.5	66.7
101	7.2	7.4	11.2#
130	11.6	15.3	22.9#



#20
3+4-Methylphenols
Concen: 40.99 ng
RT: 8.06 min Scan# 896
Delta R.T. -0.02 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

Tgt Ion:	107	Resp:	404302
Ion	Ratio	Lower	Upper
107	100		
108	87.1	73.2	113.2
77	59.8	10.7	50.7#
79	49.5	9.6	49.6

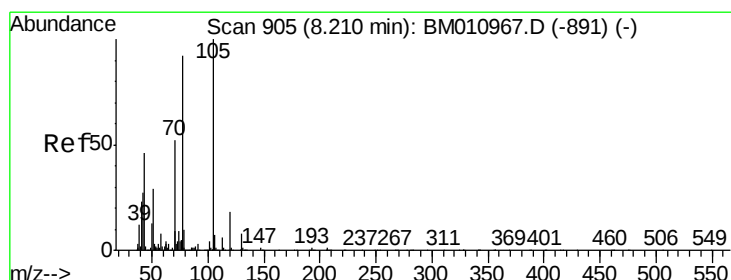
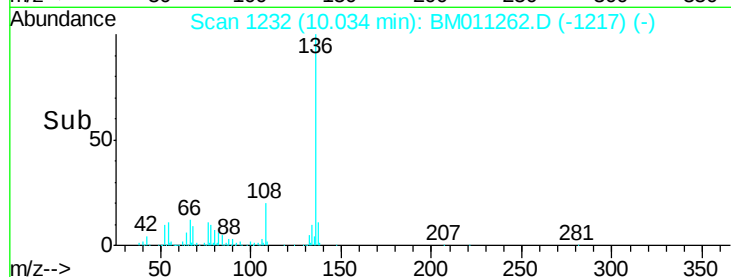
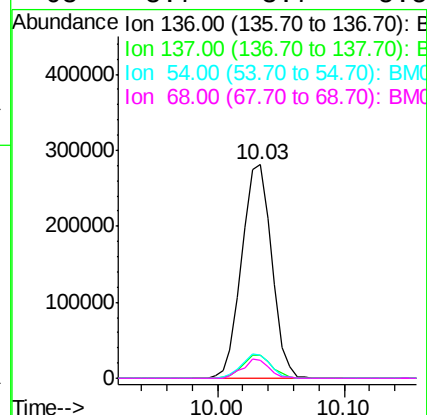
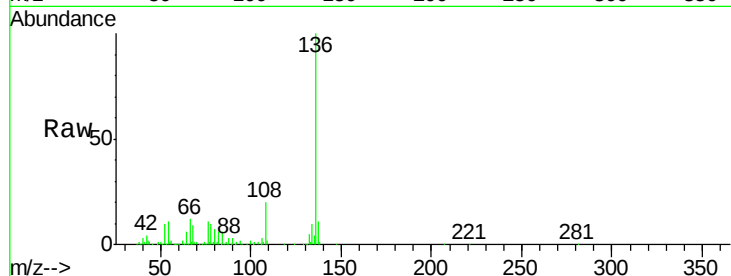




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.03 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

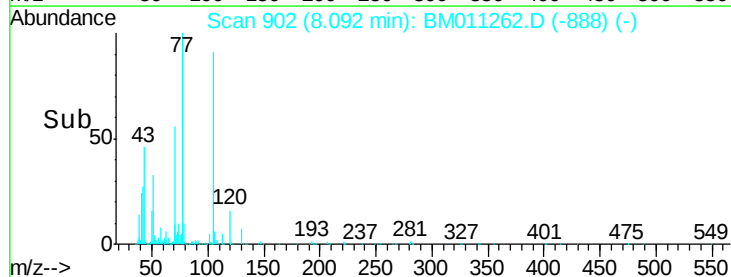
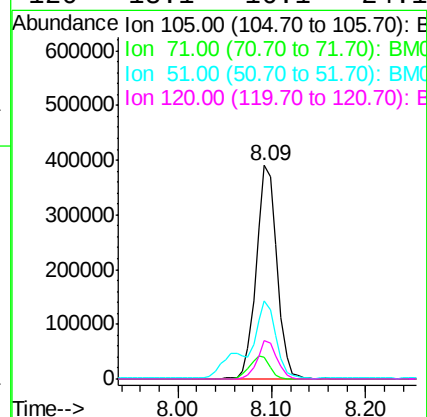
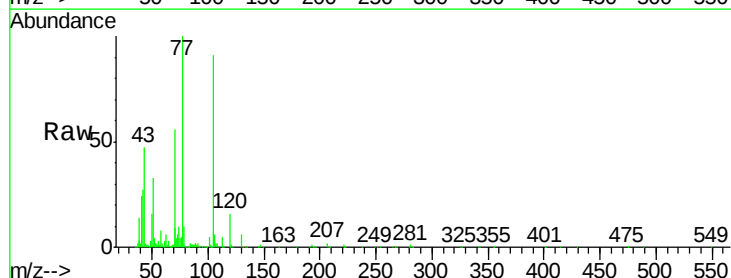
Instrument :
BNA_M
ClientSampleId :
PB101577BSD

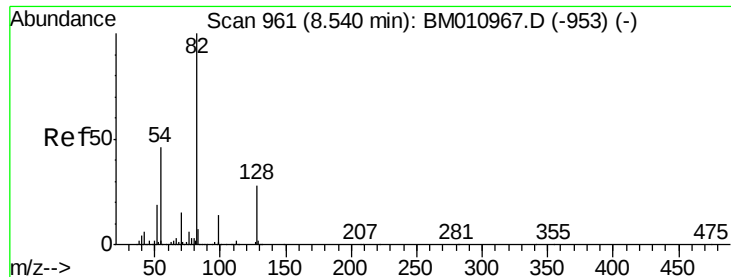
Tot Ion:	136	Resp:	460275
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	10.9	4.6	6.8#
68	8.7	3.7	5.5#



#22
Acetophenone
Concen: 43.06 ng
RT: 8.09 min Scan# 902
Delta R.T. -0.02 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

Tgt Ion:	105	Resp:	594070
Ion	Ratio	Lower	Upper
105	100		
71	10.4	0.6	1.0#
51	36.9	21.6	32.4#
120	18.1	16.1	24.1

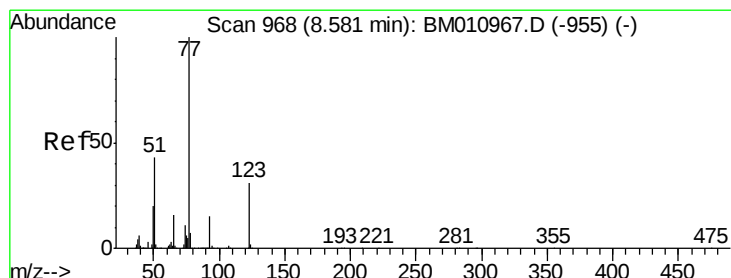
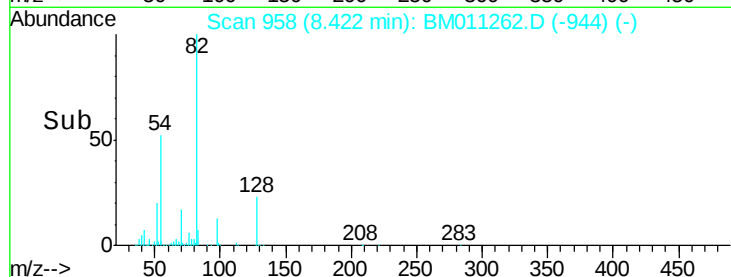
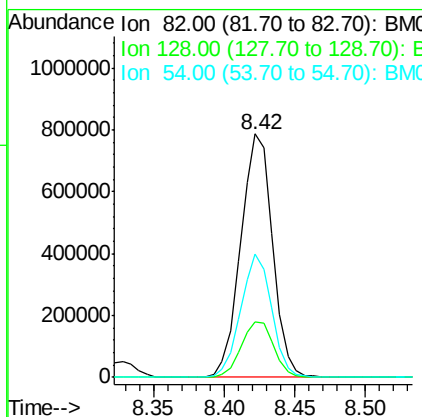
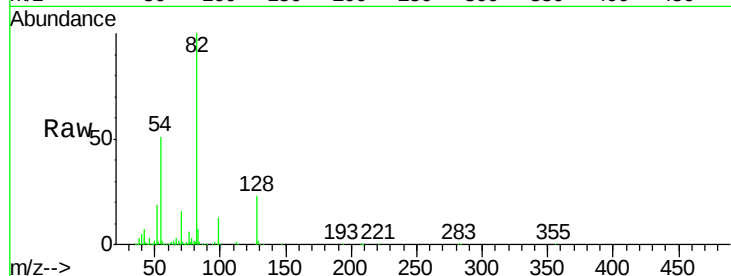




#23
 Nitrobenzene-d5
 Concen: 101.17 ng
 RT: 8.42 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

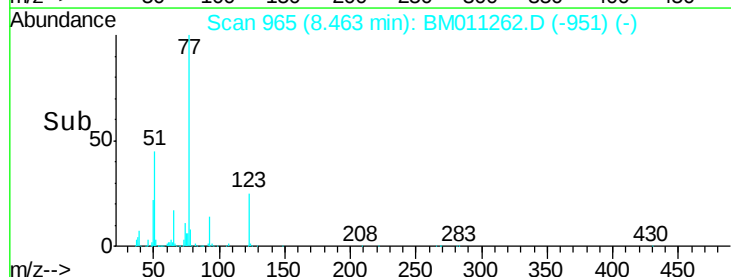
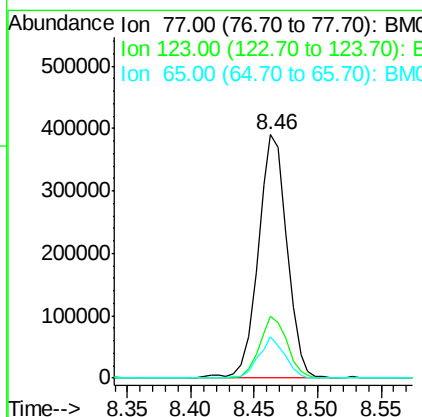
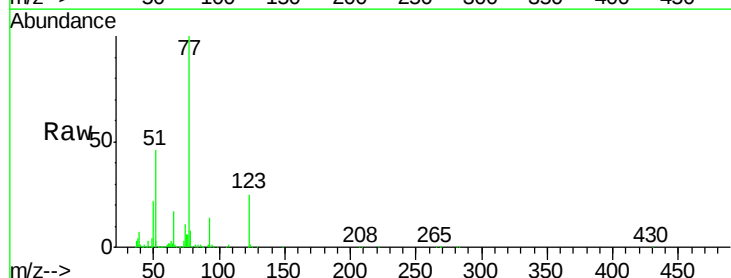
Instrument :
 BNA_M
 ClientSampleId :
 PB101577BSD

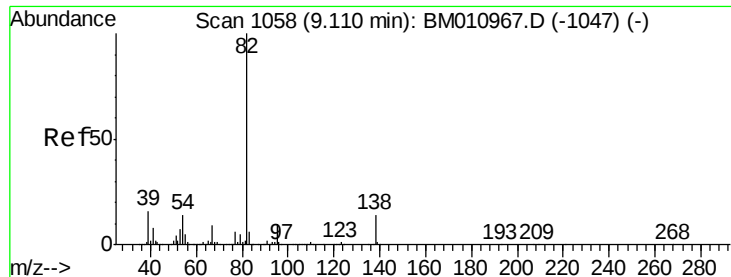
Tot Ion: 82 Resp: 1240734
 Ion Ratio Lower Upper
 82 100
 128 22.8 32.8 49.2#
 54 50.5 40.6 60.8



#24
 Nitrobenzene
 Concen: 48.58 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

Tgt Ion: 77 Resp: 617340
 Ion Ratio Lower Upper
 77 100
 123 25.3 32.6 49.0#
 65 16.9 10.9 16.3#

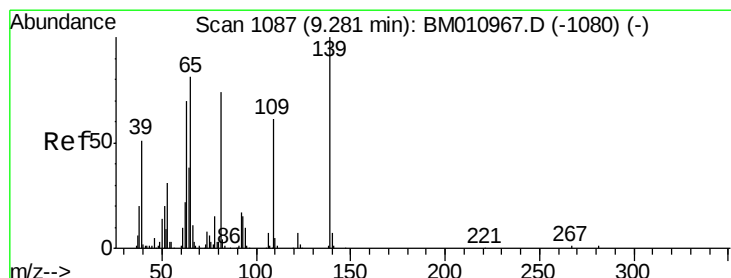
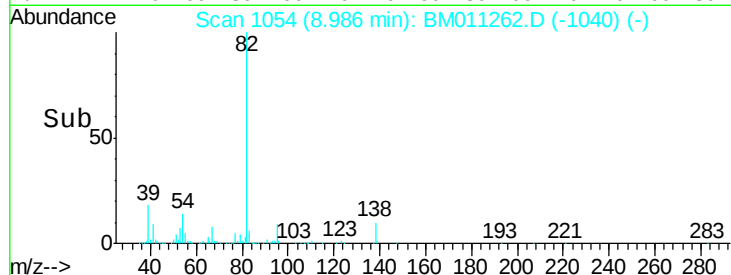
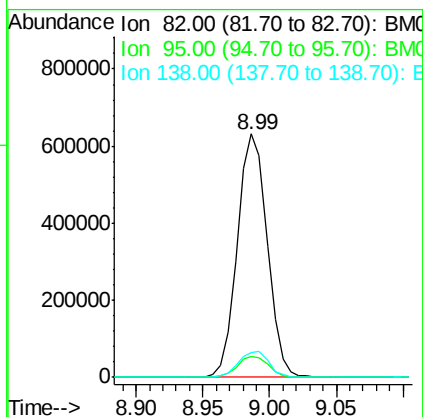
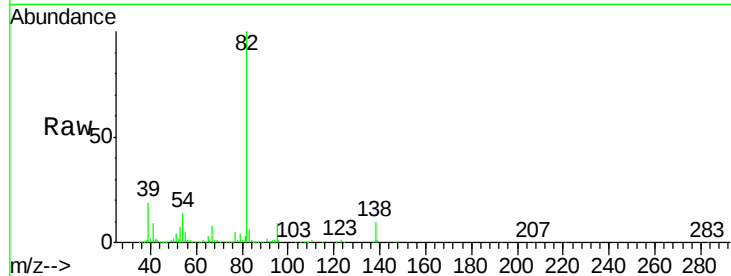




#25
Isophorone
Concen: 47.90 ng
RT: 8.99 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

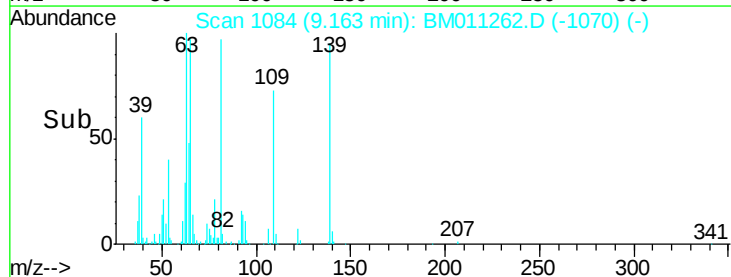
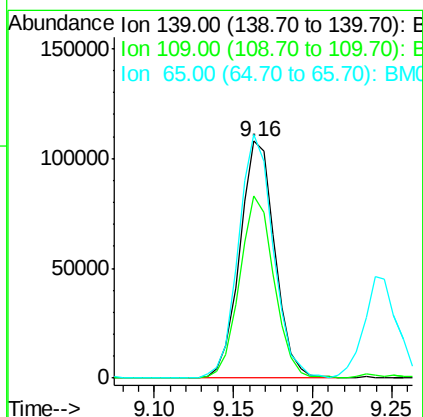
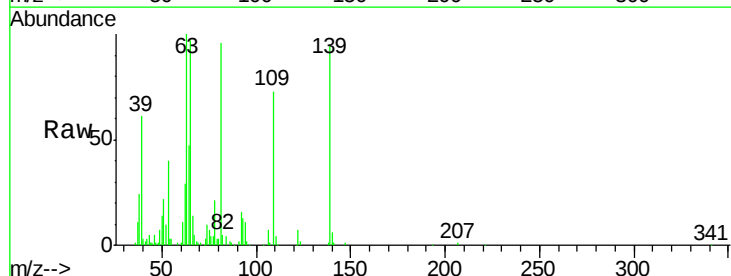
Instrument :
BNA_M
ClientSampleId :
PB101577BSD

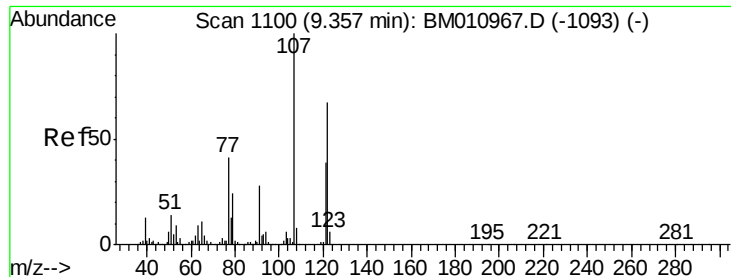
Tot Ion	82	Resp	979495
Ion Ratio	Lower	Upper	
82	100		
95	8.6	5.8	8.6
138	10.0	16.3	24.5#



#26
2-Nitrophenol
Concen: 40.94 ng
RT: 9.16 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

Tgt Ion	139	Resp	165552
Ion Ratio	Lower	Upper	
139	100		
109	76.6	20.1	30.1#
65	102.7	31.5	47.3#

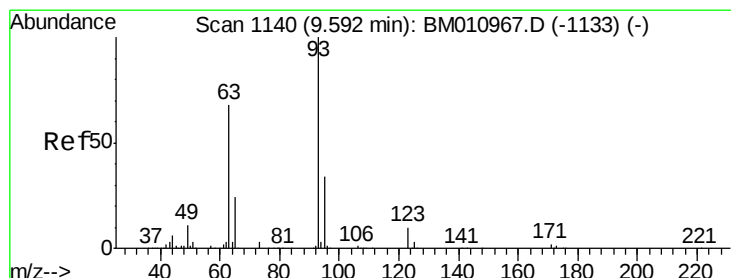
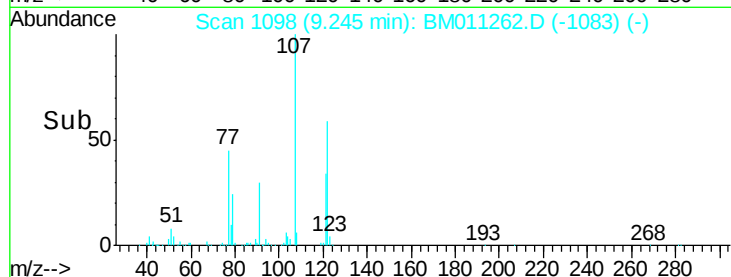
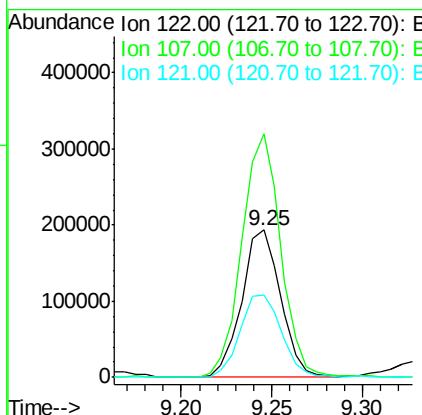
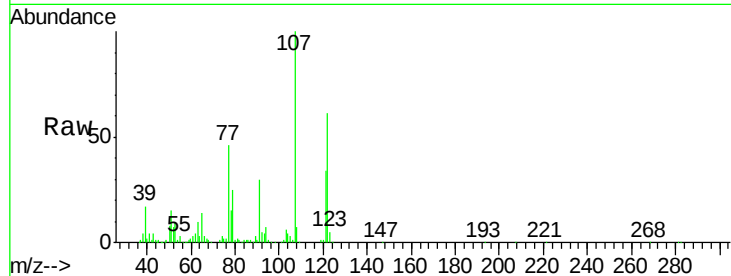




#27
 2,4-Dimethylphenol
 Concen: 40.78 ng
 RT: 9.25 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

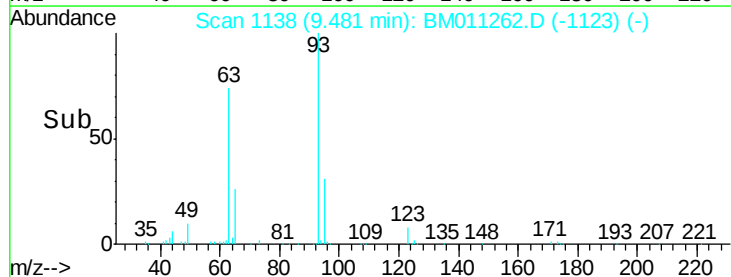
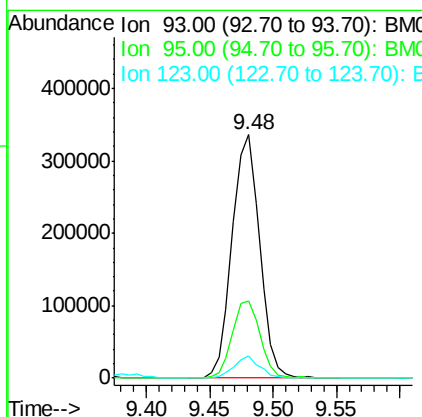
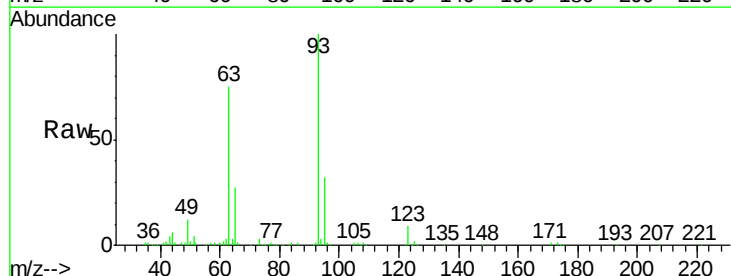
Instrument :
 BNA_M
 ClientSampleId :
 PB101577BSD

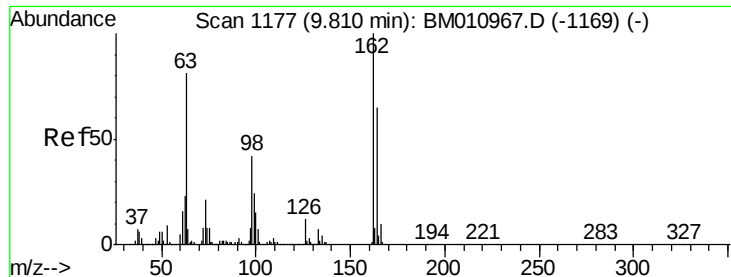
Tot Ion	Ratio	Lower	Upper
122	100		
107	165.1	84.7	127.1#
121	56.3	46.6	69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.27 ng
 RT: 9.48 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.5	38.3
123	9.2	8.6	13.0

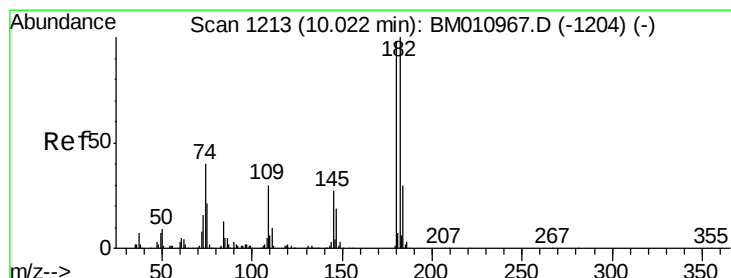
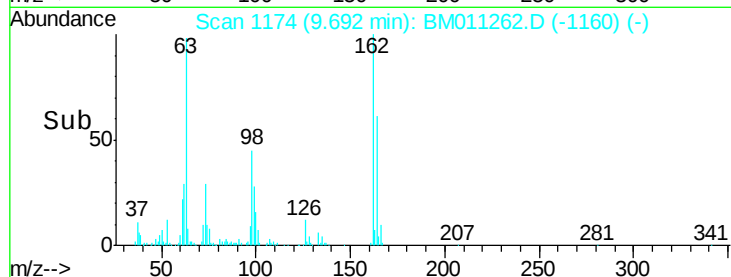
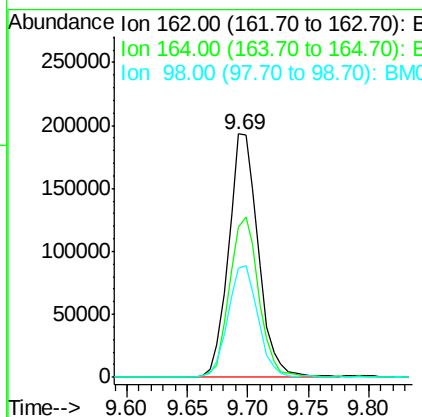
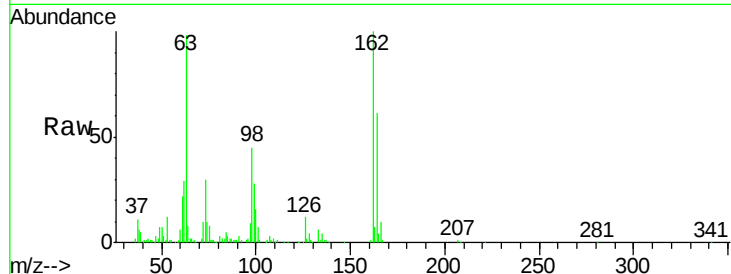




#29
 2,4-Dichlorophenol
 Concen: 41.51 ng
 RT: 9.69 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

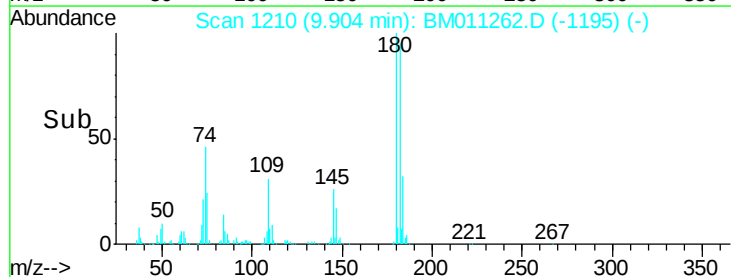
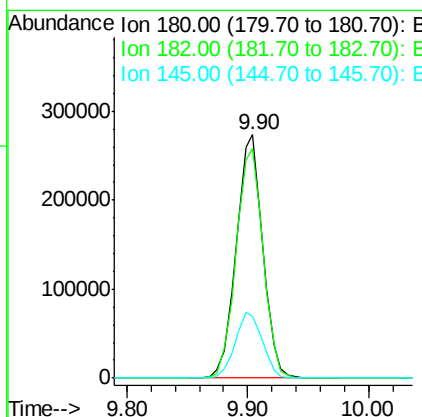
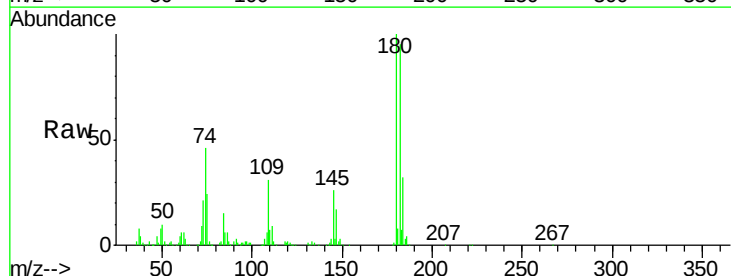
Instrument :
 BNA_M
 ClientSampleId :
 PB101577BSD

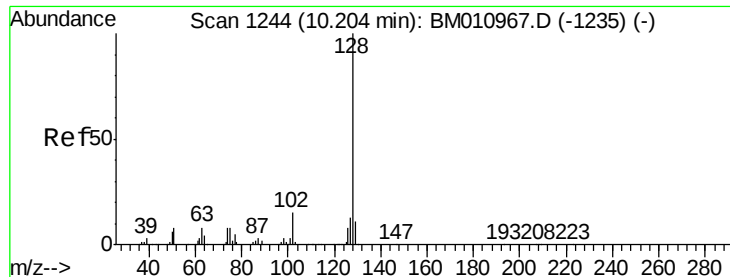
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.5	42.8	82.8
98	44.8	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 42.18 ng
 RT: 9.90 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.6	116.4
145	25.5	23.4	35.2

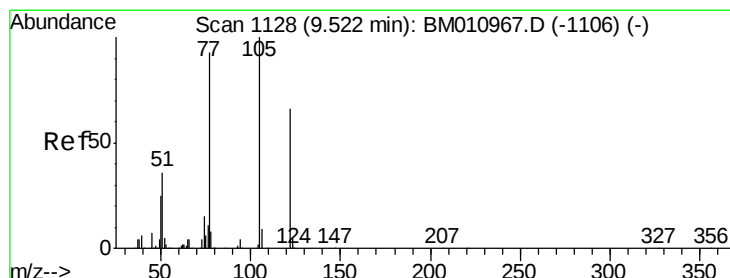
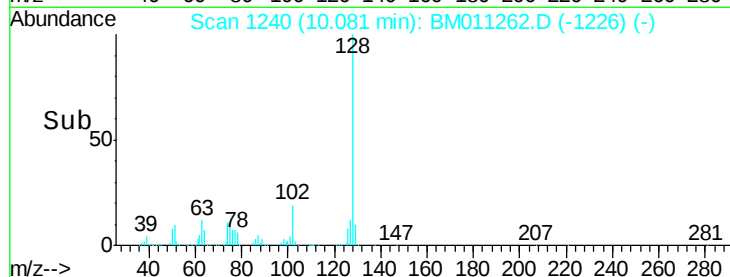
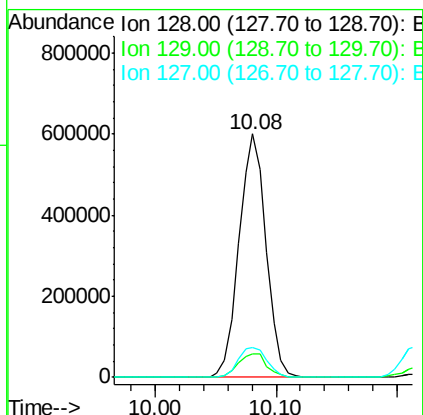
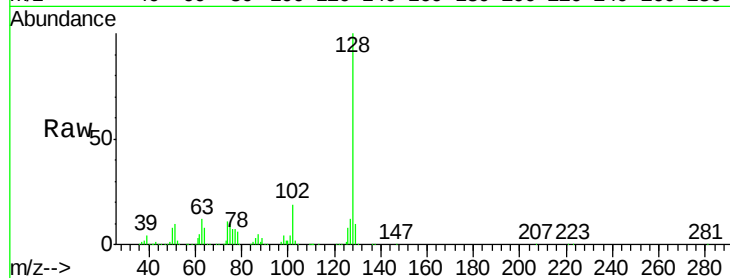




#31
Naphthalene
Concen: 40.33 ng
RT: 10.08 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

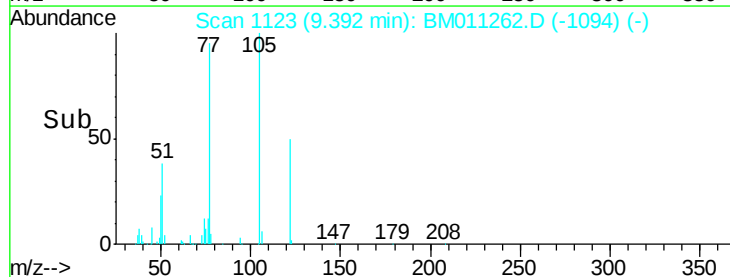
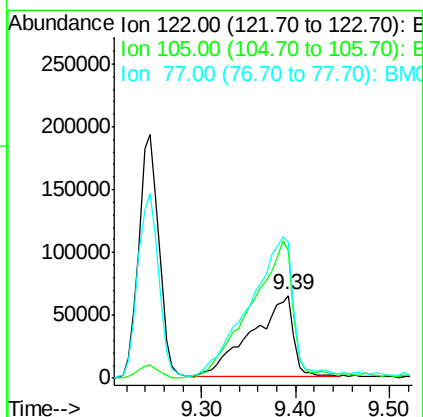
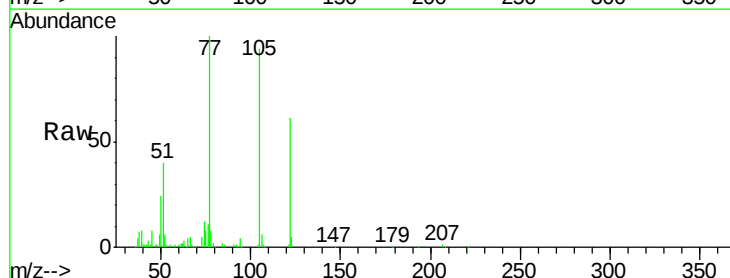
Instrument :
BNA_M
ClientSampleId :
PB101577BSD

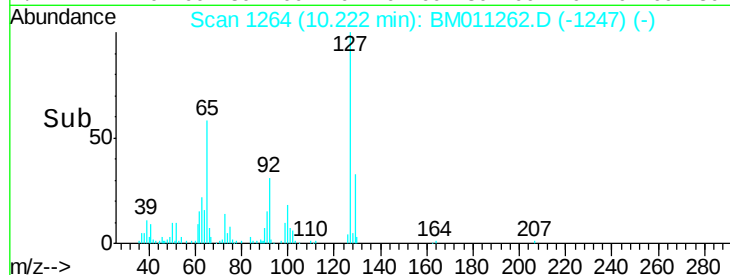
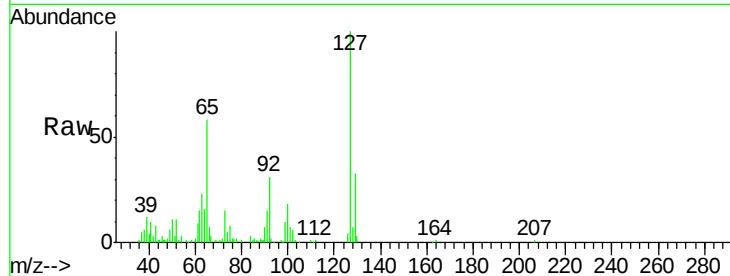
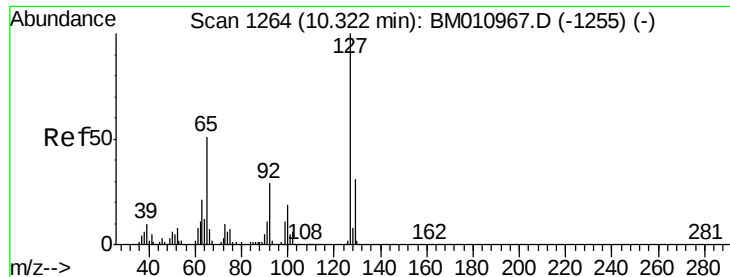
Tot Ion:128	Resp:	933946
Ion	Ratio	Lower Upper
128	100	
129	9.6	8.9 13.3
127	12.5	10.4 15.6



#32
Benzoic acid
Concen: 35.07 ng
RT: 9.39 min Scan# 1123
Delta R.T. -0.03 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

Tgt Ion:122	Resp:	200638
Ion	Ratio	Lower Upper
122	100	
105	154.6	99.9 139.9#
77	165.2	73.7 113.7#

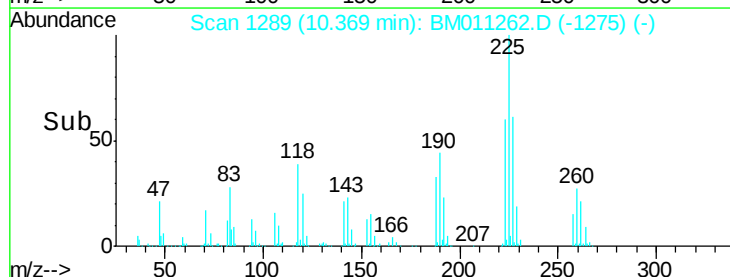
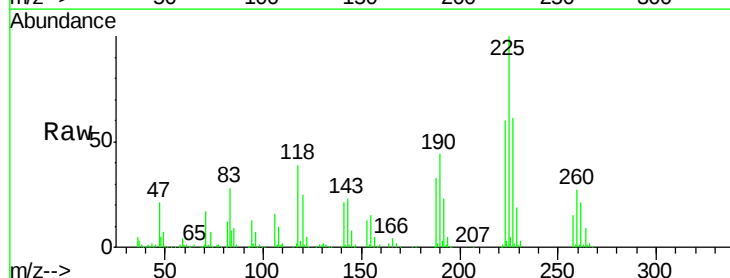
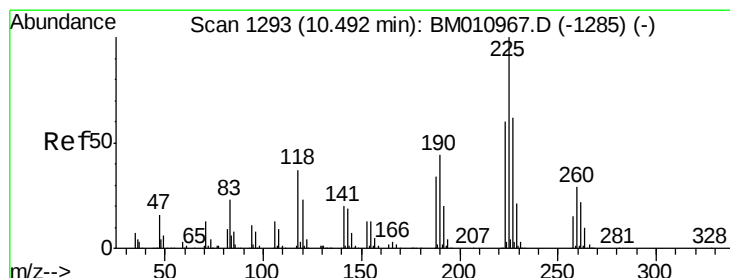
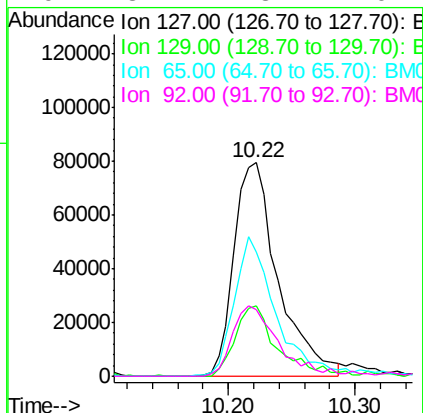




#33
4-Chloroaniline
Concen: 20.80 ng
RT: 10.22 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

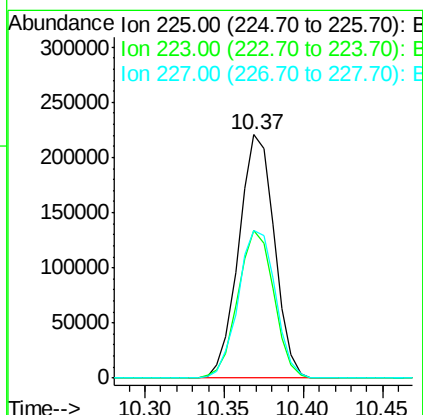
Instrument :
BNA_M
ClientSampleId :
PB101577BSD

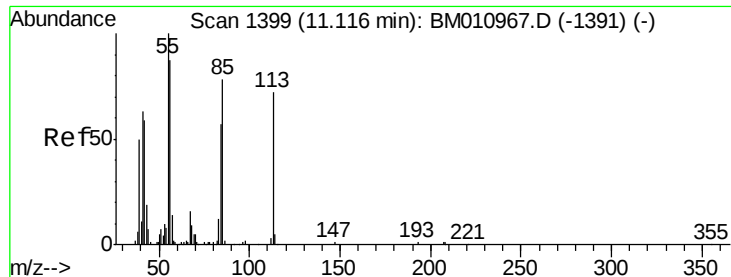
Tot Ion:	127	Resp:	192111
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.3	37.9
65	58.0	17.6	26.4#
92	31.1	13.1	19.7#



#34
Hexachlorobutadiene
Concen: 44.16 ng
RT: 10.37 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

Tgt Ion:	225	Resp:	343974
Ion	Ratio	Lower	Upper
225	100		
223	60.4	47.9	71.9
227	60.8	50.1	75.1





#35

Caprolactam

Concen: 47.33 ng

RT: 11.00 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

BNA_M

ClientSampleId :

PB101577BSD

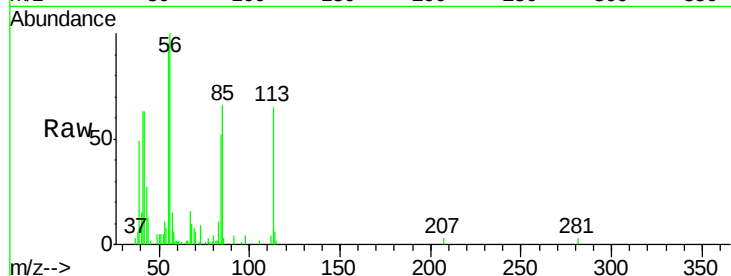
Tot Ion:113 Resp: 107356

Ion Ratio Lower Upper

113 100

55 145.8 145.9 185.9#

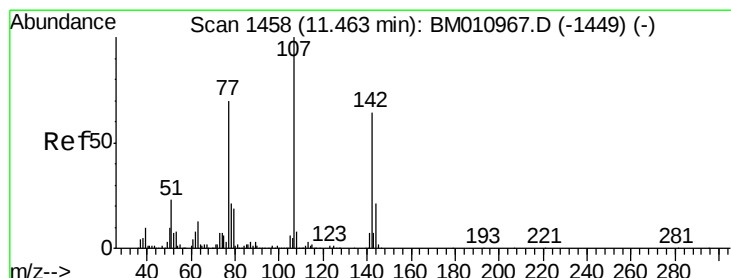
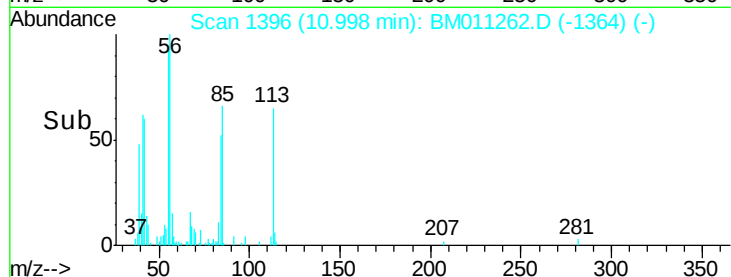
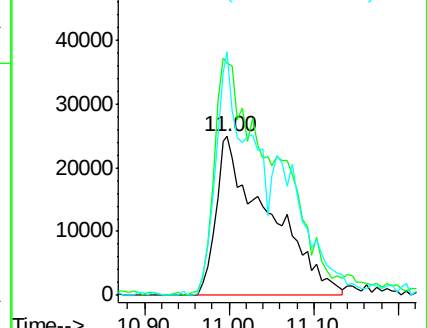
56 153.2 101.0 141.0#



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: 42.10 ng

RT: 11.35 min Scan# 1455

Delta R.T. -0.02 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

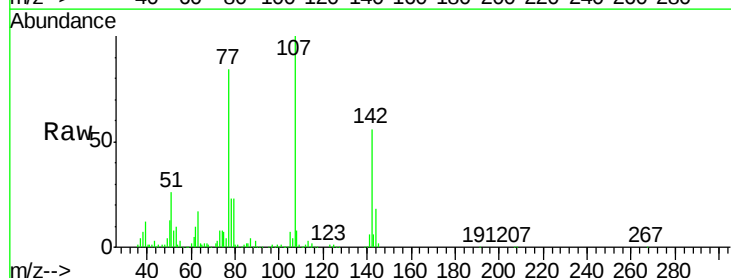
Tgt Ion:107 Resp: 434825

Ion Ratio Lower Upper

107 100

144 17.9 23.3 34.9#

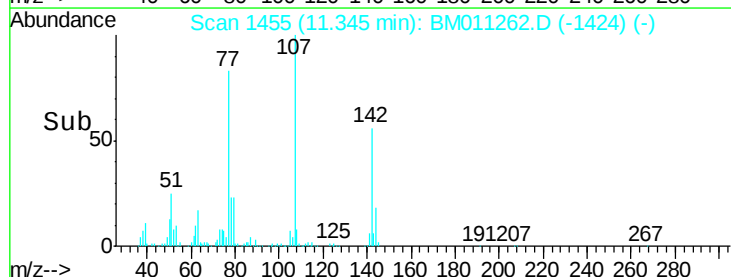
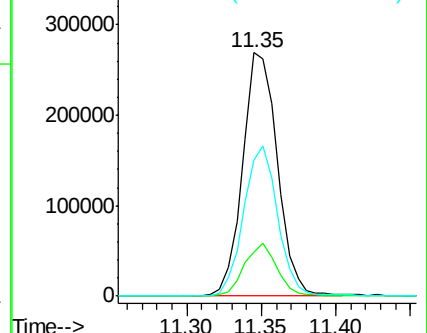
142 55.9 72.6 109.0#

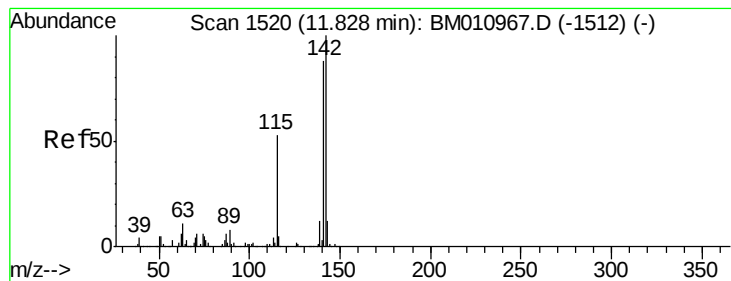


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.14 ng

RT: 11.71 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

BNA_M

ClientSampleId :

PB101577BSD

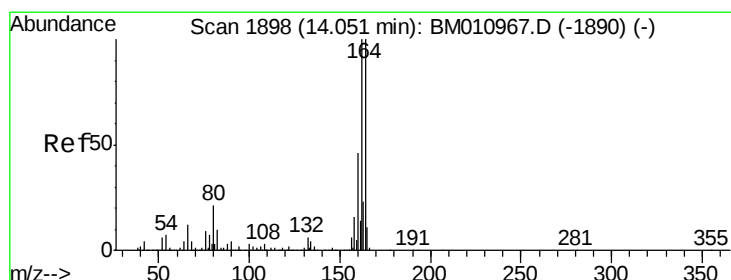
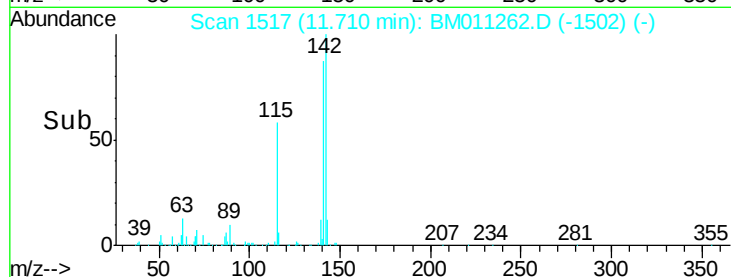
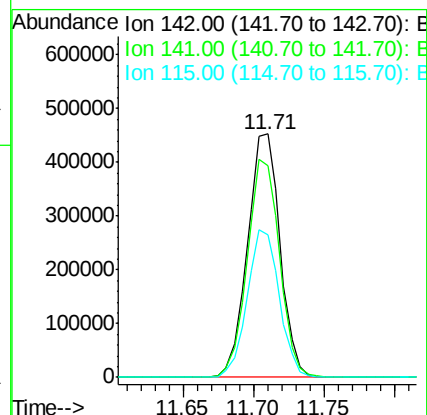
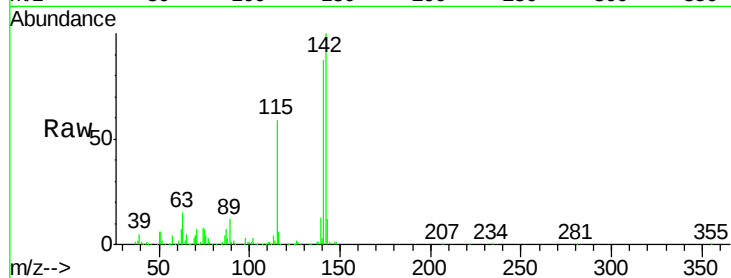
Tot Ion:142 Resp: 733866

Ion Ratio Lower Upper

142 100

141 86.8 71.9 107.9

115 58.6 25.4 38.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 13.95 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

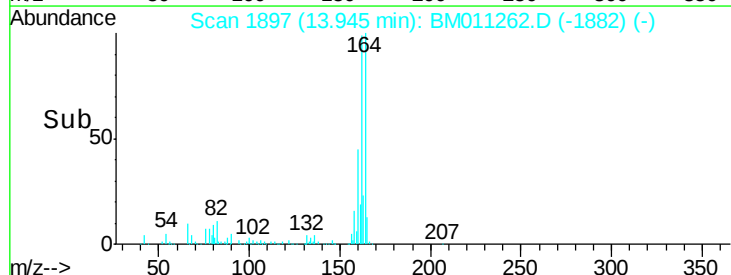
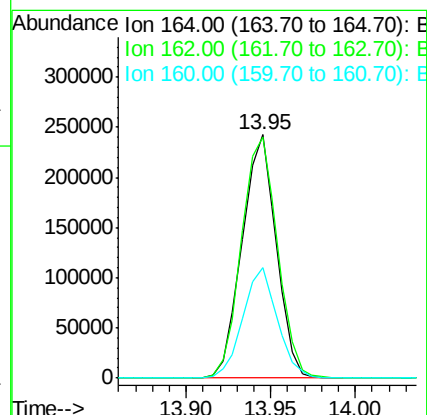
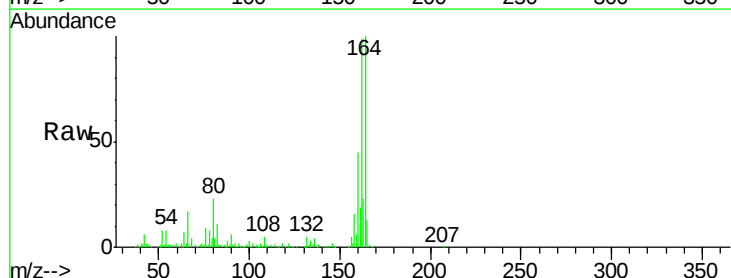
Tgt Ion:164 Resp: 341726

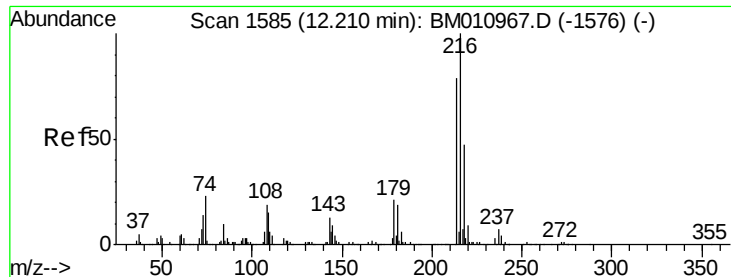
Ion Ratio Lower Upper

164 100

162 99.0 82.4 123.6

160 45.4 35.8 53.6

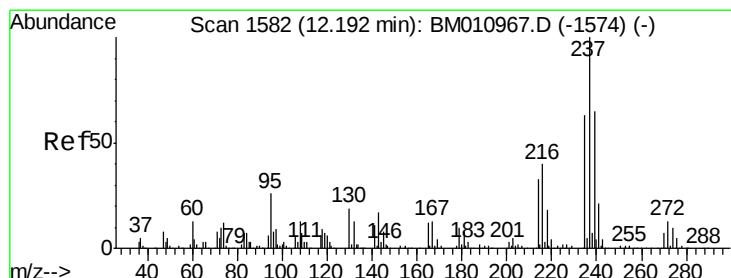
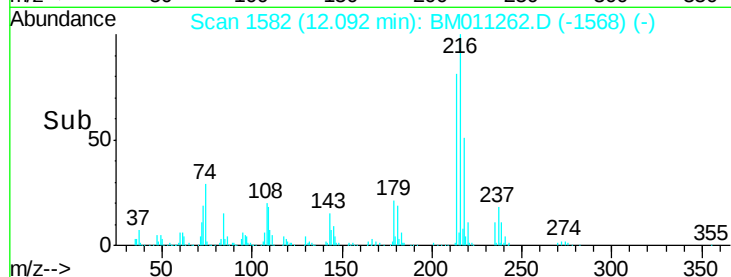
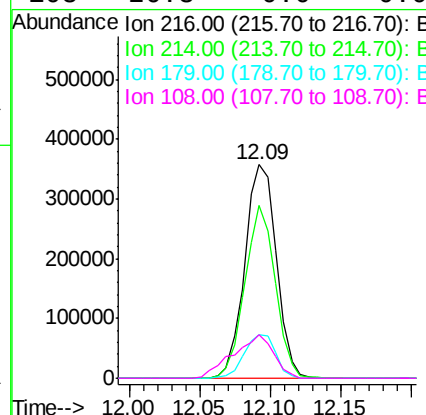
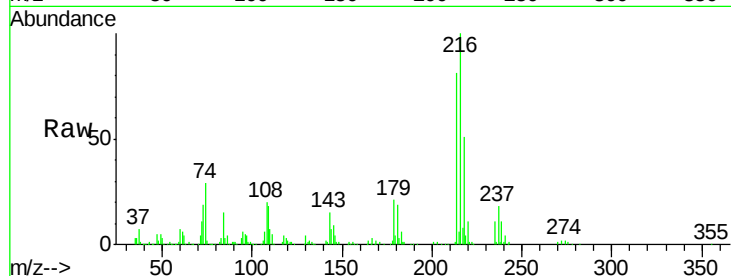




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.27 ng
 RT: 12.09 min Scan# 1582
 Delta R.T. -0.02 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

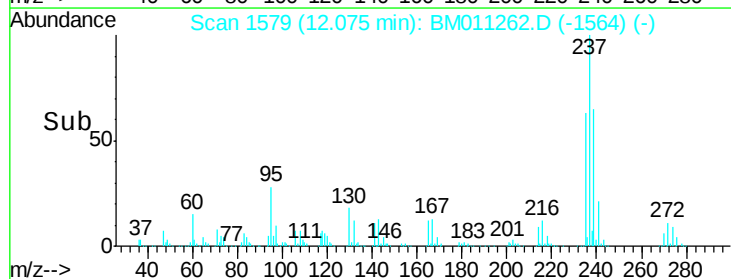
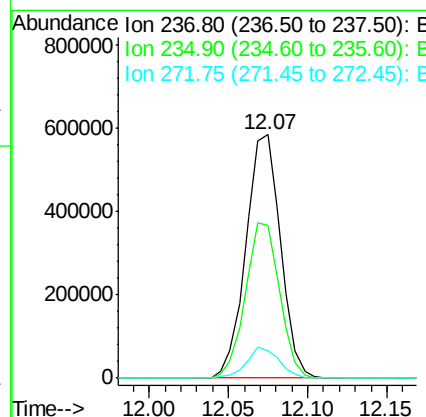
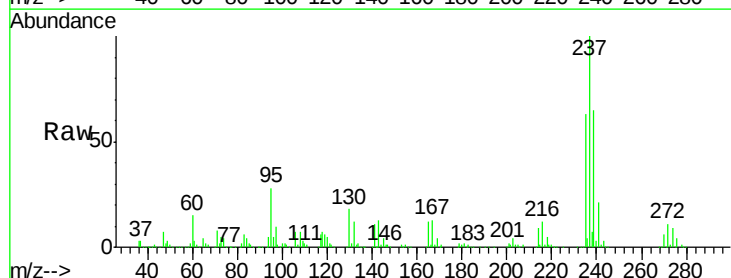
Instrument :
 BNA_M
 ClientSampleId :
 PB101577BSD

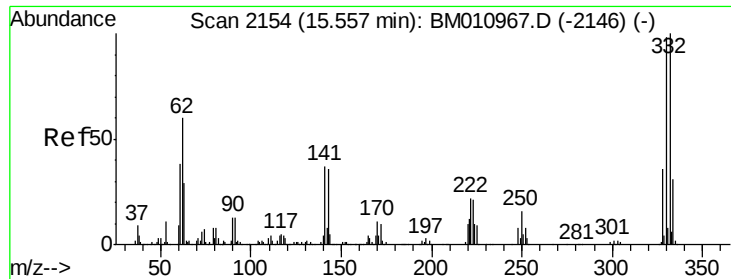
Tot Ion:	216	Resp:	561812
Ion	Ratio	Lower	Upper
216	100		
214	77.7	0.0	0.0#
179	20.4	0.0	0.0#
108	26.3	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 103.20 ng
 RT: 12.07 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

Tgt Ion:	237	Resp:	882880
Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.0	82.0
272	11.4	0.0	33.4

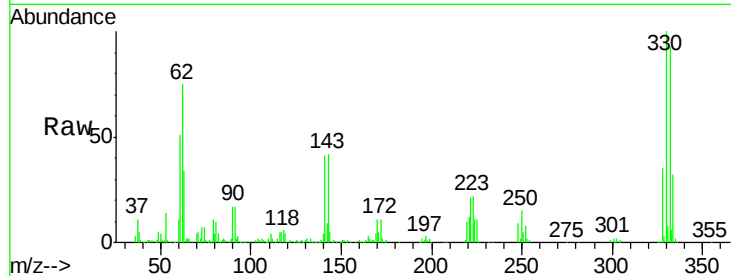




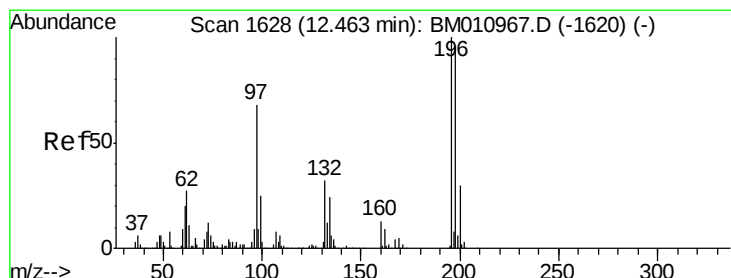
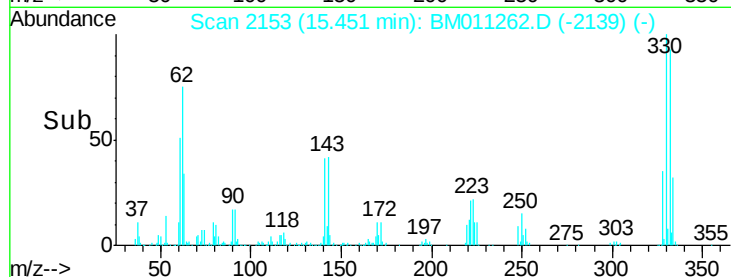
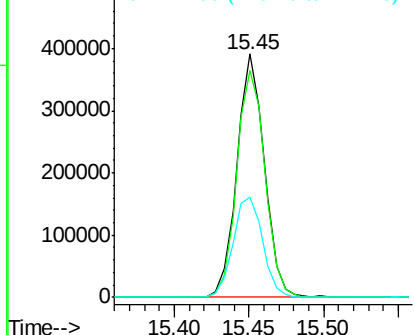
#41
 2,4,6-Tribromophenol
 Concen: 91.40 ng
 RT: 15.45 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

Instrument :
 BNA_M
 ClientSampleId :
 PB101577BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	44.5	0.0	0.0#

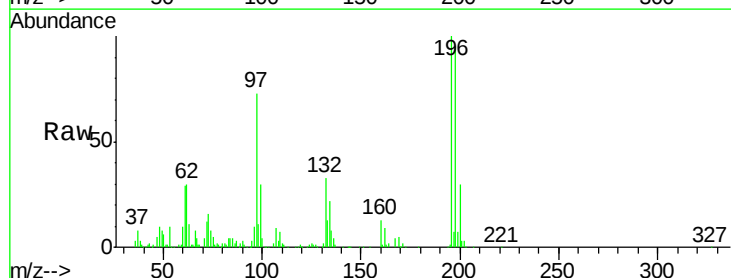


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

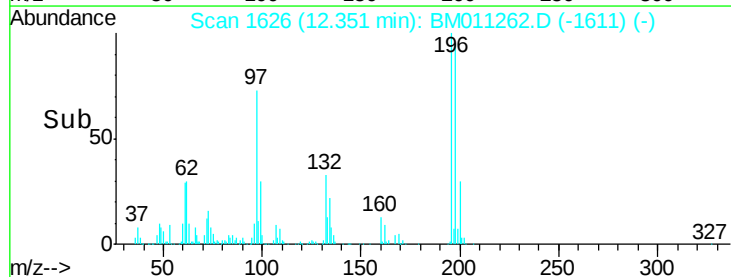
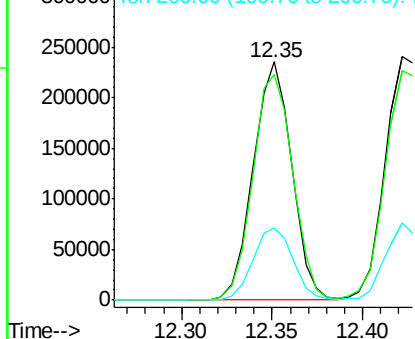


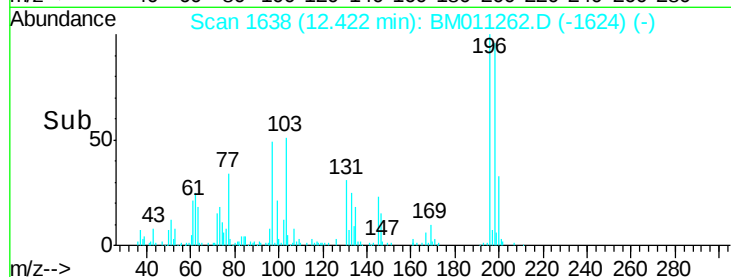
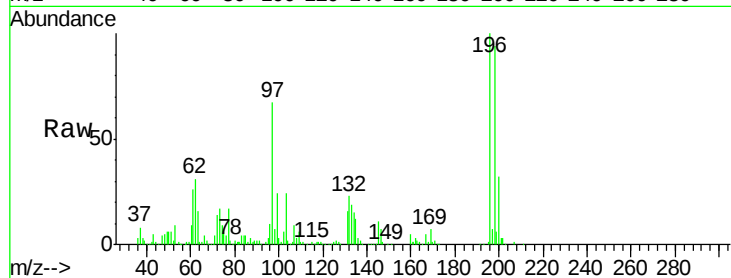
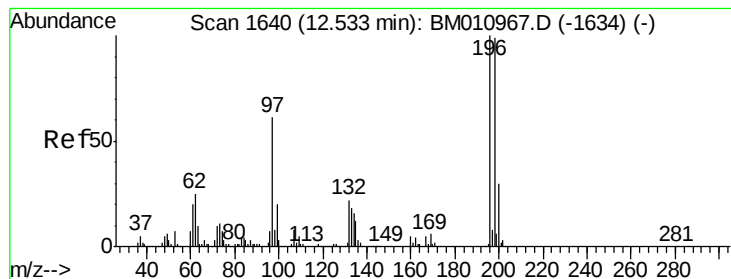
#42
 2,4,6-Trichlorophenol
 Concen: 39.14 ng
 RT: 12.35 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.3	114.5
200	30.5	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

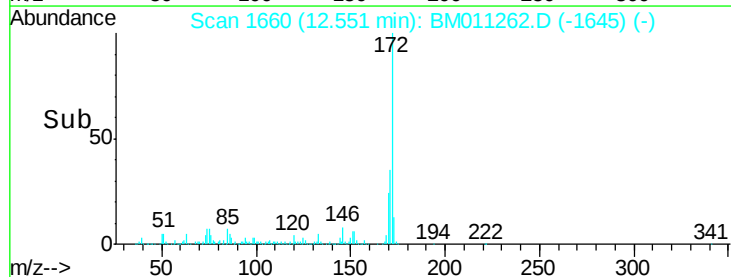
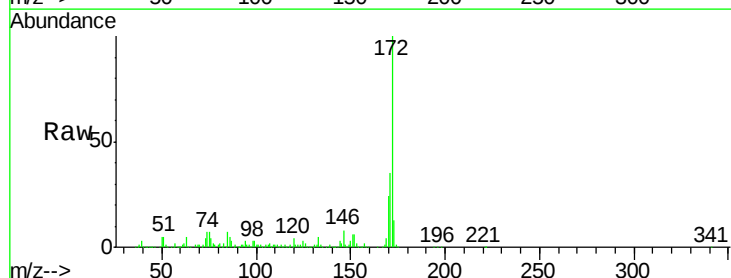
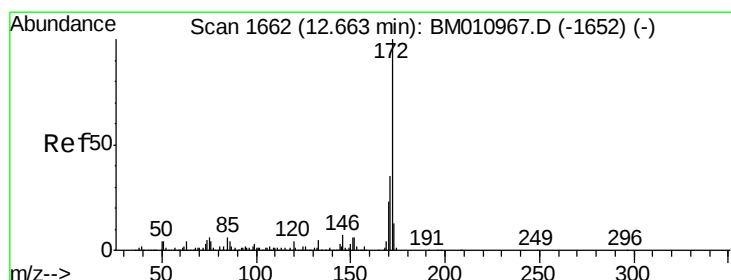
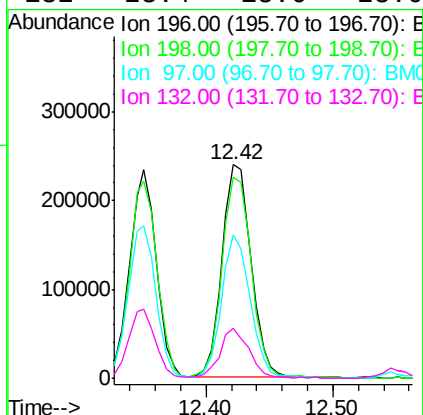




#43
2,4,5-Trichlorophenol
Concen: 41.76 ng
RT: 12.42 min Scan# 1638
Delta R.T. -0.02 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

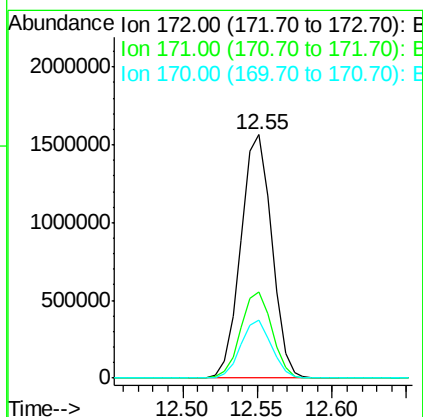
Instrument :
BNA_M
ClientSampleId :
PB101577BSD

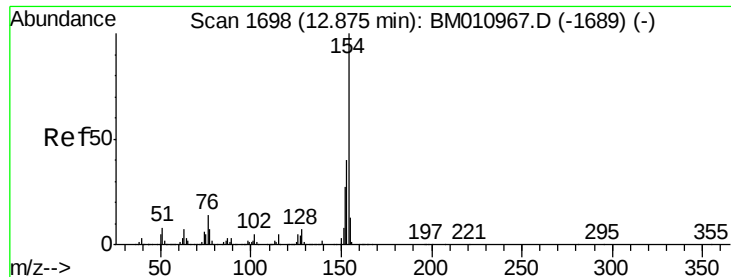
Tot Ion:	196	Resp:	382193
Ion	Ratio	Lower	Upper
196	100		
198	94.3	79.4	119.0
97	67.2	26.8	40.2#
132	23.4	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 82.55 ng
RT: 12.55 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

Tgt Ion:	172	Resp:	2249312
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.8	18.8	28.2

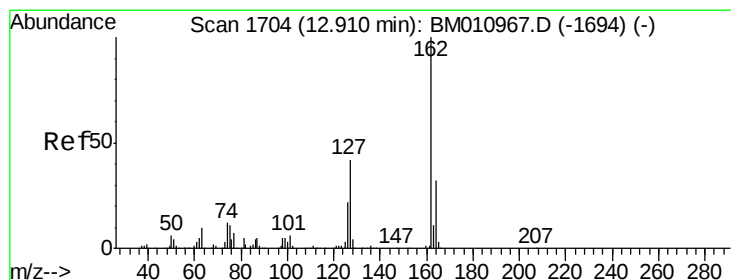
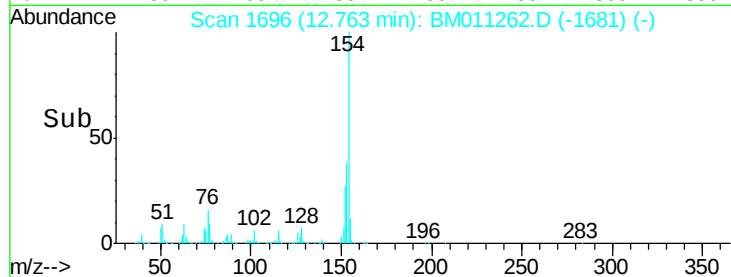
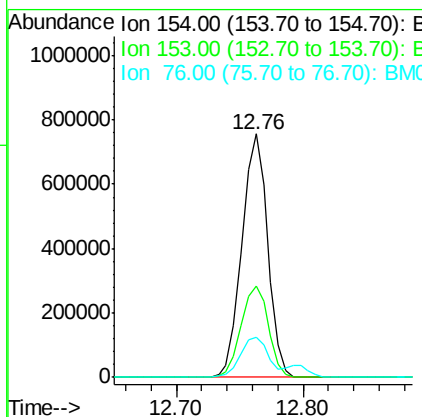
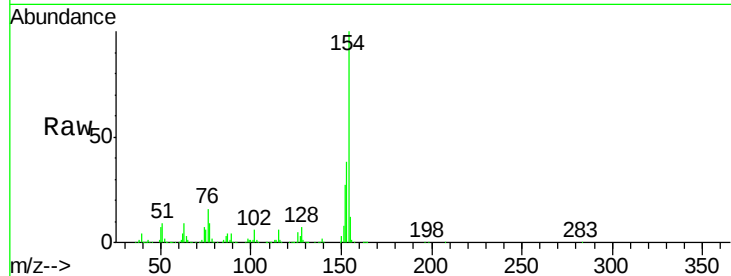




#45
 1,1'-Biphenyl
 Concen: 35.97 ng
 RT: 12.76 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

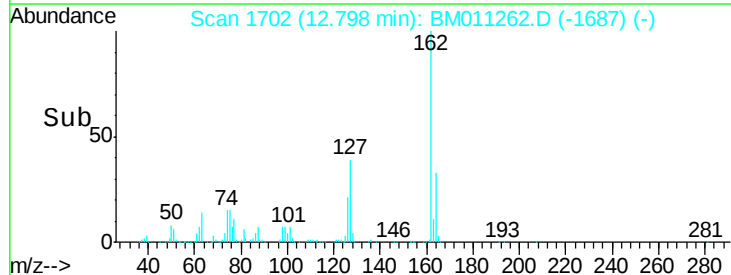
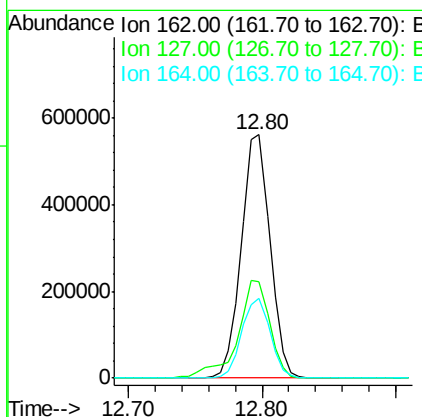
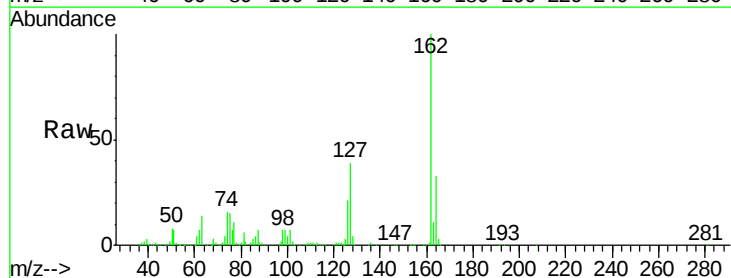
Instrument :
 BNA_M
 ClientSampleId :
 PB101577BSD

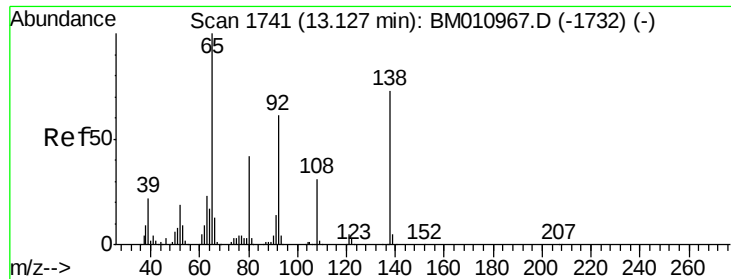
Tot Ion:154 Resp: 1062981
 Ion Ratio Lower Upper
 154 100
 153 37.6 20.7 60.7
 76 16.3 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 38.28 ng
 RT: 12.80 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

Tgt Ion:162 Resp: 833285
 Ion Ratio Lower Upper
 162 100
 127 39.4 26.9 40.3
 164 32.6 26.8 40.2

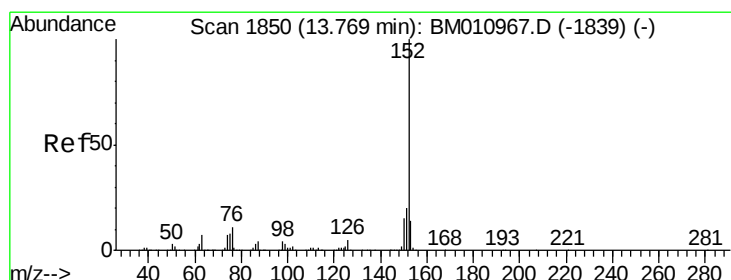
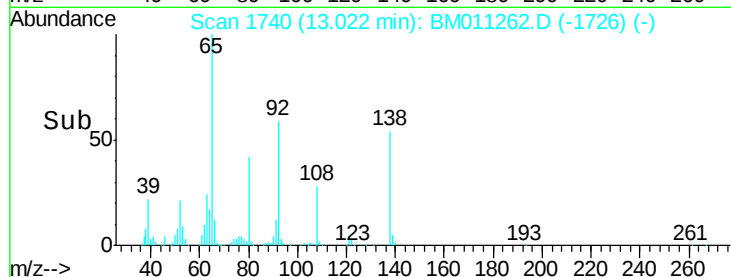
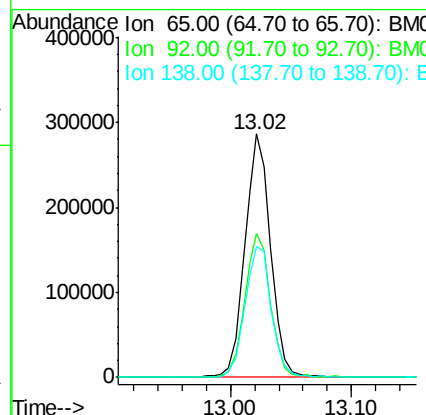
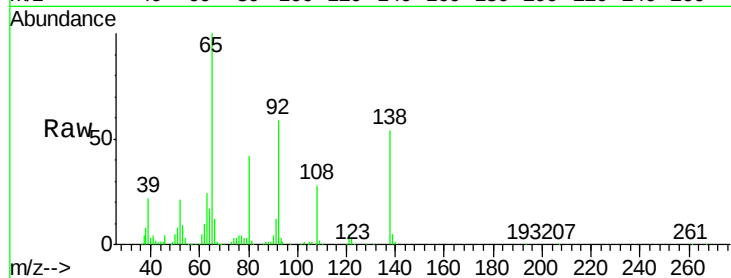




#47
2-Nitroaniline
Concen: 54.93 ng
RT: 13.02 min Scan# 1740
Delta R.T. -0.02 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

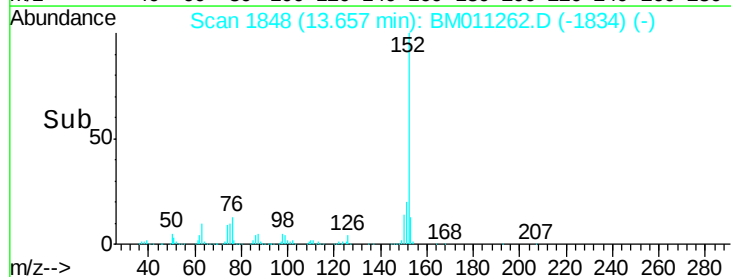
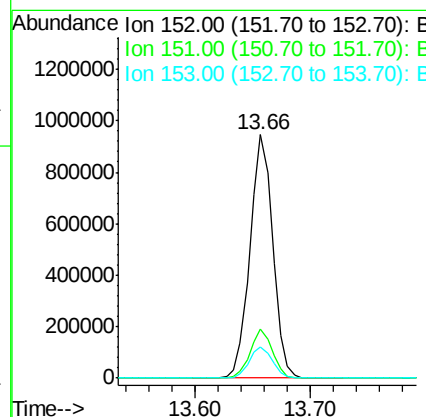
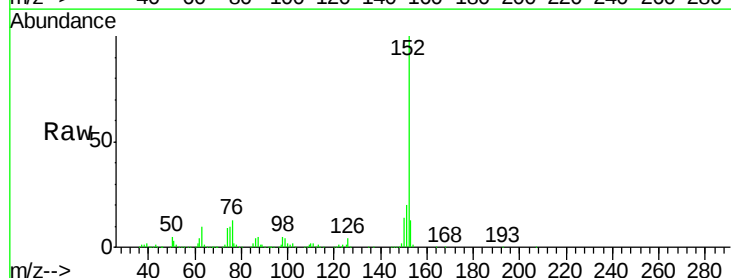
Instrument :
BNA_M
ClientSampleId :
PB101577BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.2	59.1	88.7
138	53.6	93.9	140.9#



#48
Acenaphthylene
Concen: 39.94 ng
RT: 13.66 min Scan# 1848
Delta R.T. -0.02 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	12.9	10.6	16.0





#49

Dimethylphthalate

Concen: 39.40 ng

RT: 13.42 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

BNA_M

ClientSampleId :

PB101577BSD

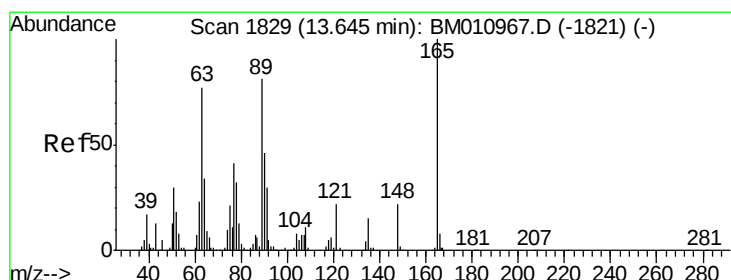
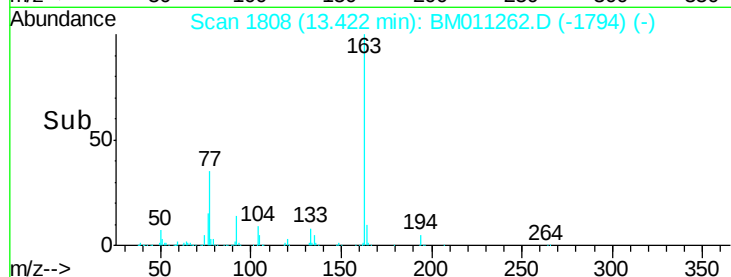
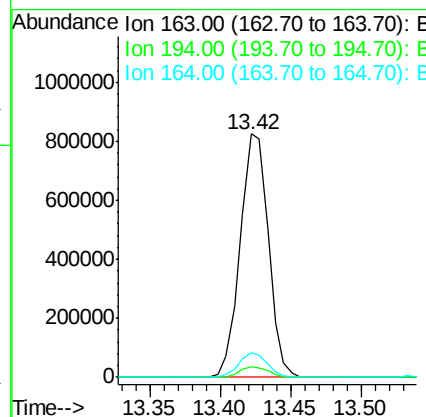
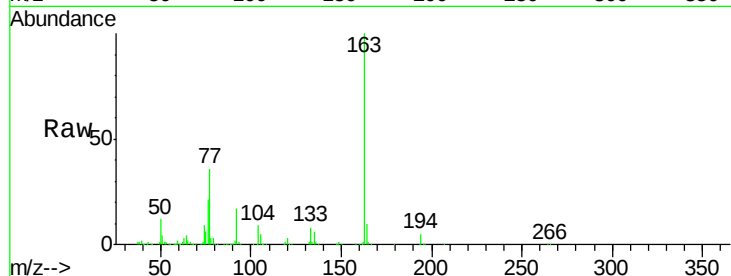
Tot Ion:163 Resp: 1151854

Ion Ratio Lower Upper

163 100

194 4.6 2.7 4.1#

164 10.0 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 42.79 ng

RT: 13.54 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

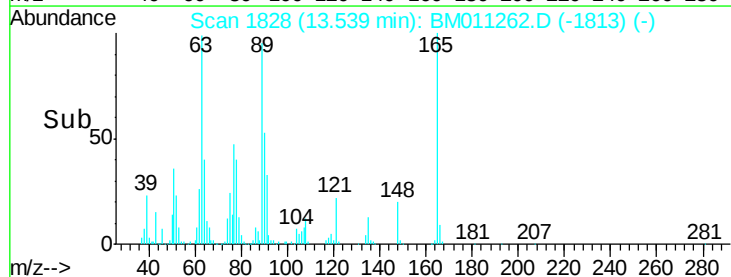
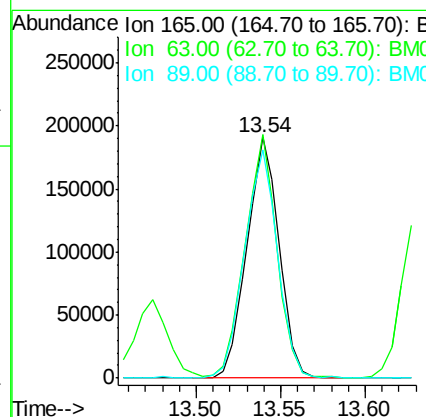
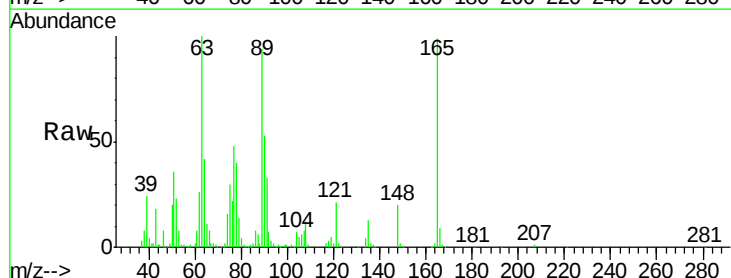
Tgt Ion:165 Resp: 252948

Ion Ratio Lower Upper

165 100

63 101.1 44.1 66.1#

89 95.0 44.3 66.5#





#51

Acenaphthene

Concen: 39.50 ng

RT: 14.01 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

BNA_M

ClientSampleId :

PB101577BSD

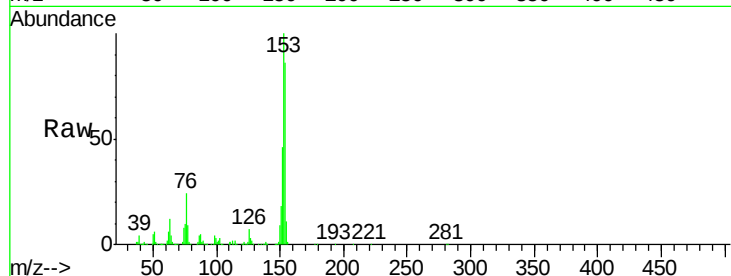
Tot Ion:154 Resp: 794718

Ion Ratio Lower Upper

154 100

153 115.7 90.0 135.0

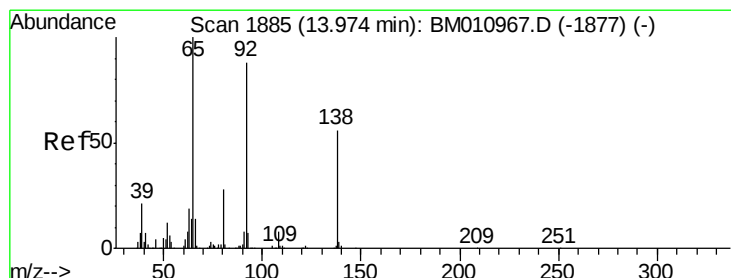
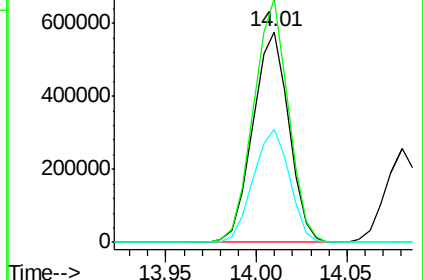
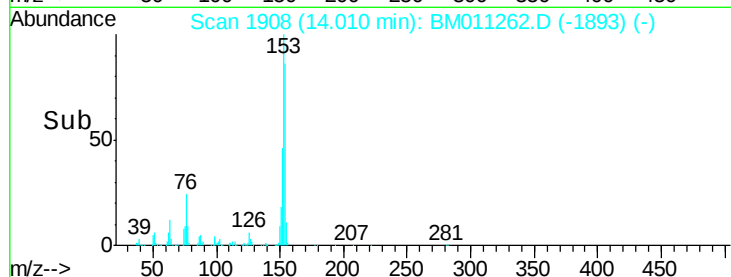
152 53.8 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.18 ng

RT: 13.87 min Scan# 1884

Delta R.T. -0.02 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

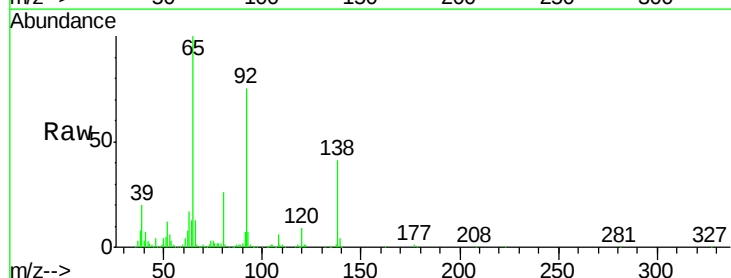
Tgt Ion:138 Resp: 201013

Ion Ratio Lower Upper

138 100

108 14.9 7.3 10.9#

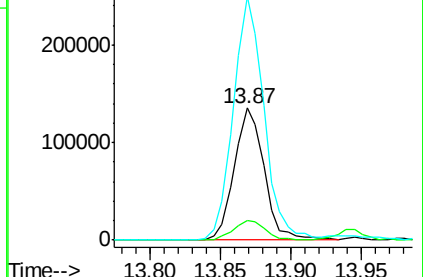
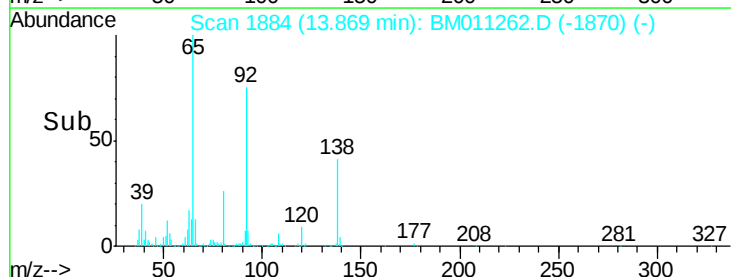
92 184.3 76.6 114.8#

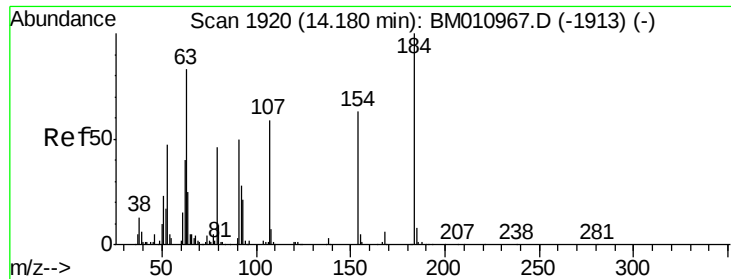


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

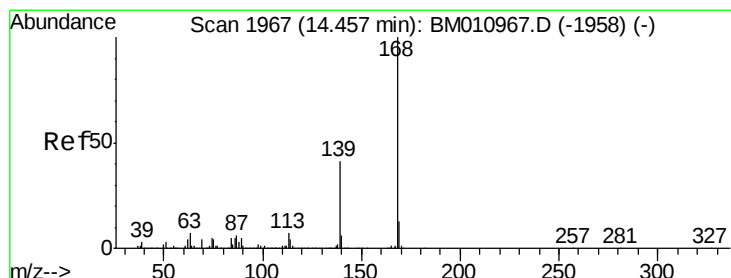
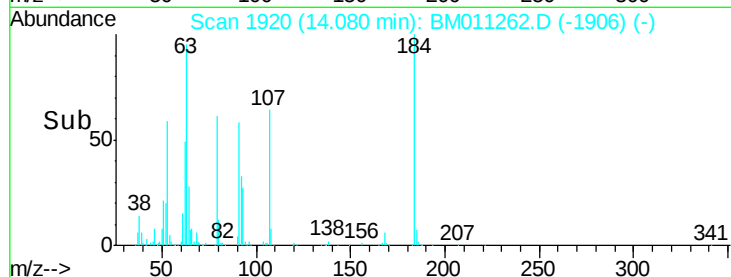
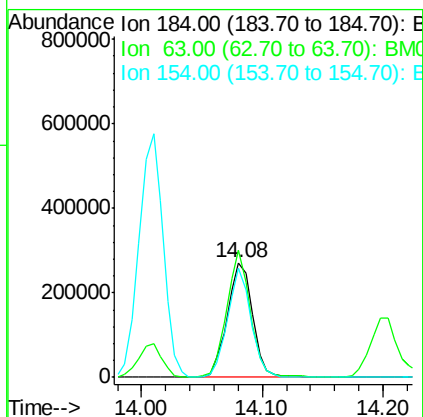
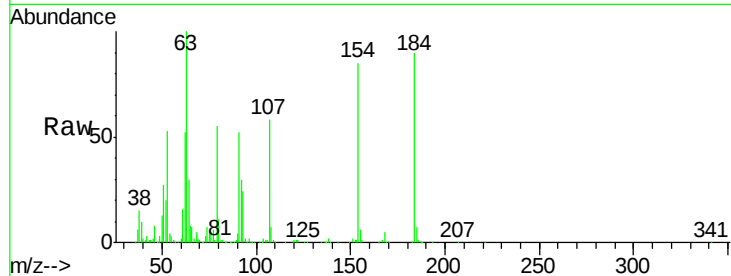




#53
2,4-Dinitrophenol
Concen: 94.46 ng
RT: 14.08 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

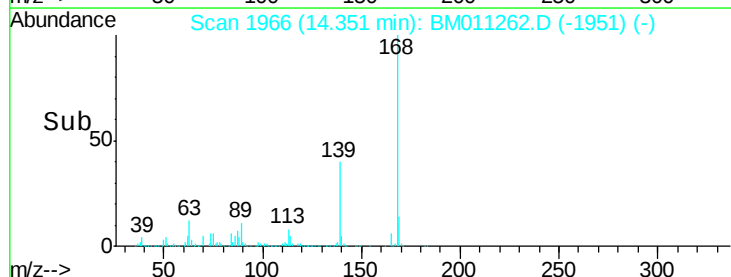
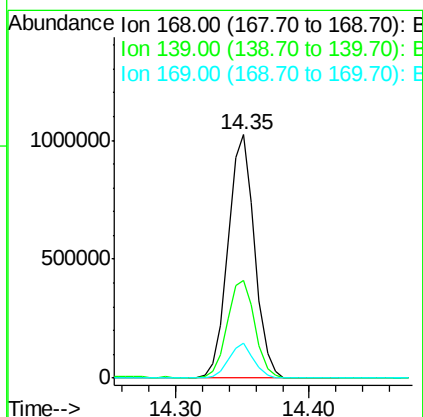
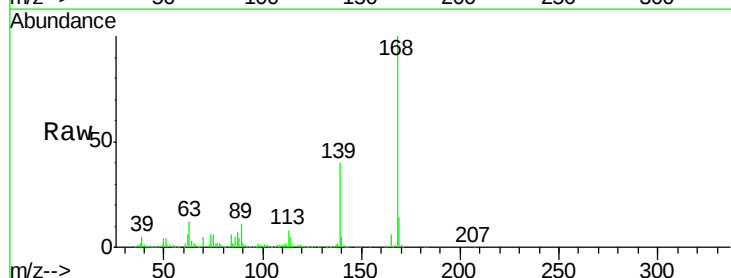
Instrument :
BNA_M
ClientSampleId :
PB101577BSD

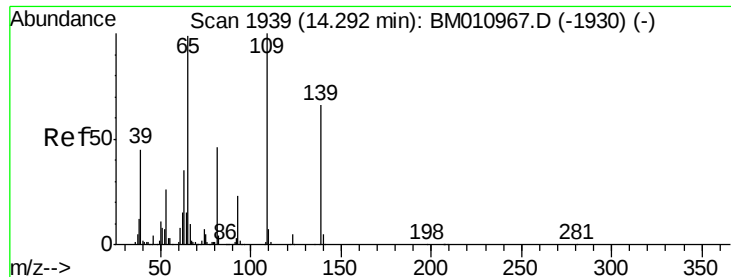
Tot Ion	Ratio	Lower	Upper
184	100		
63	111.1	69.2	103.8#
154	94.7	53.3	79.9#



#54
Dibenzofuran
Concen: 43.58 ng
RT: 14.35 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.2	27.3	40.9
169	14.1	10.6	16.0

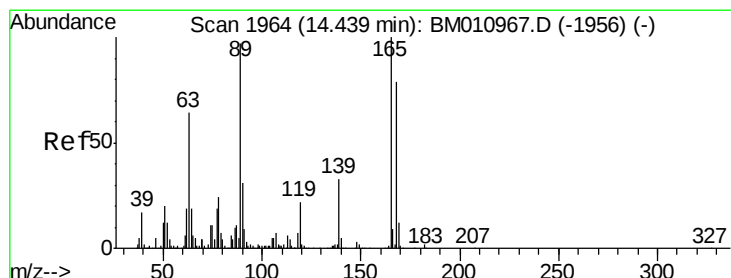
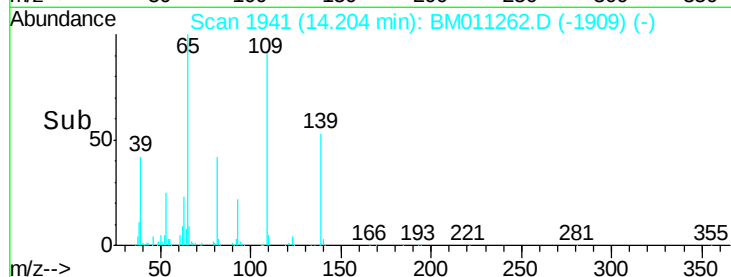
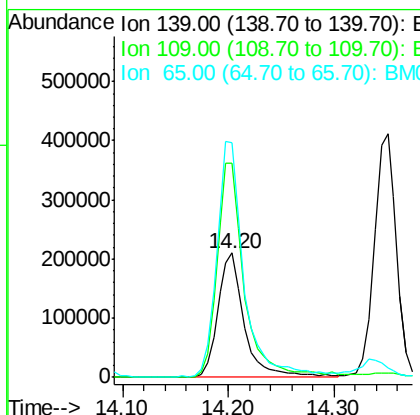
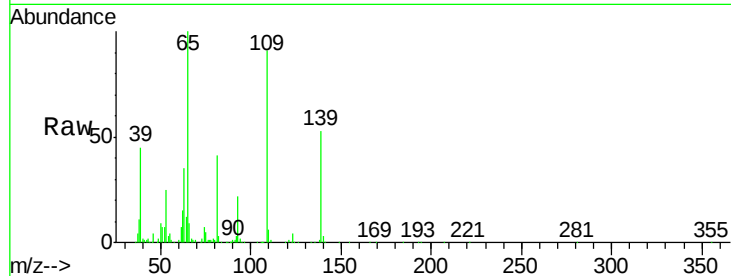




#55
4-Nitrophenol
Concen: 81.54 ng
RT: 14.20 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

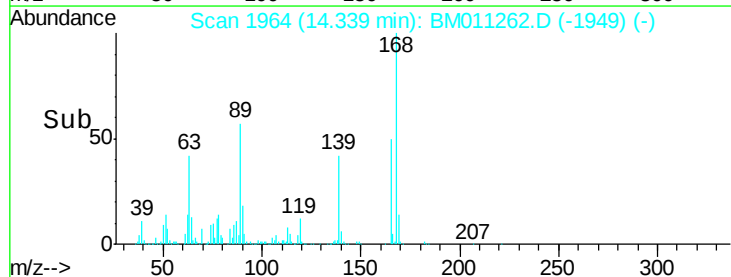
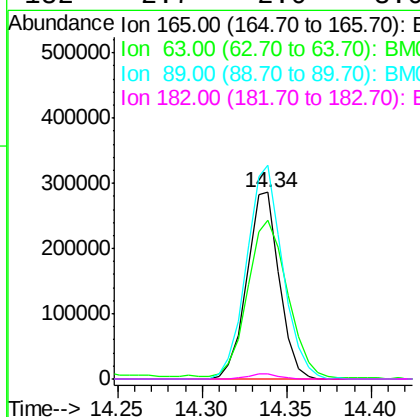
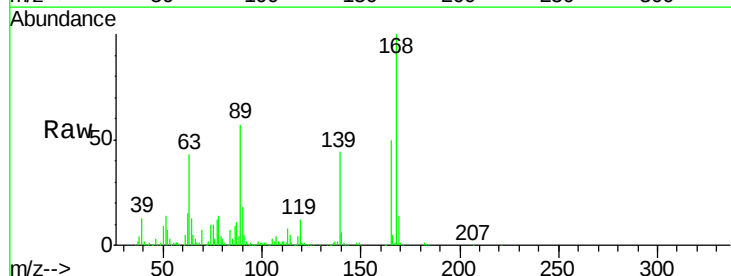
Instrument :
BNA_M
ClientSampleId :
PB101577BSD

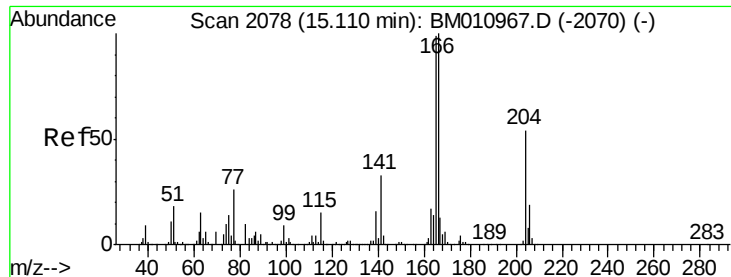
Tot Ion:139 Resp: 367517
Ion Ratio Lower Upper
139 100
109 172.7 130.0 170.0#
65 189.1 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 46.23 ng
RT: 14.34 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

Tgt Ion:165 Resp: 383661
Ion Ratio Lower Upper
165 100
63 85.0 52.4 78.6#
89 114.3 72.4 108.6#
182 2.7 2.0 3.0

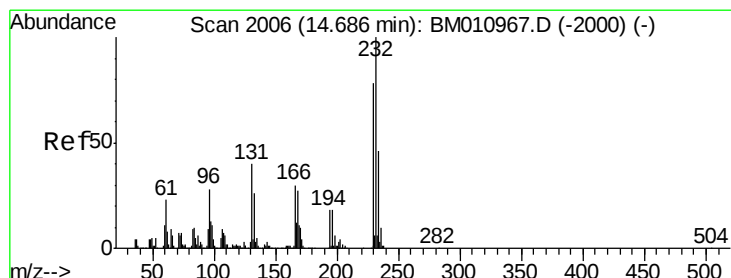
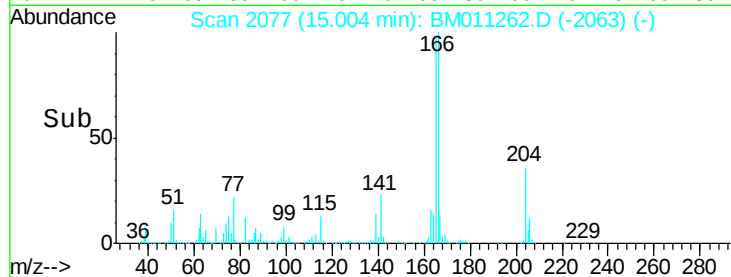
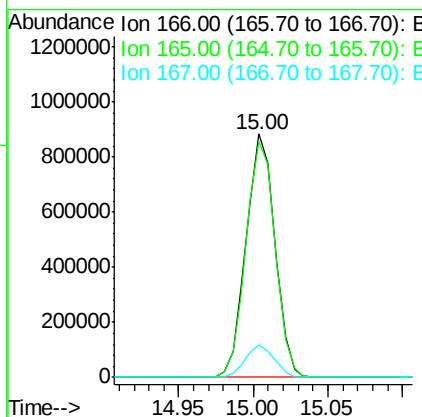
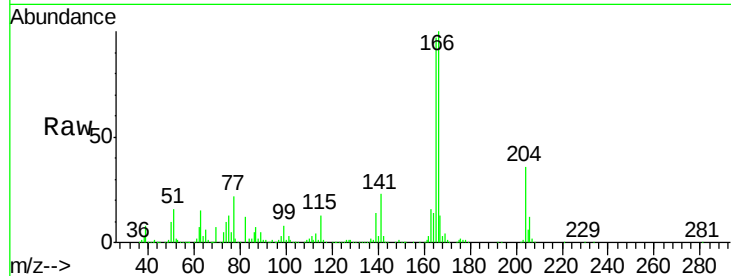




#57
 Fluorene
 Concen: 41.41 ng
 RT: 15.00 min Scan# 2077
 Delta R.T. -0.02 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

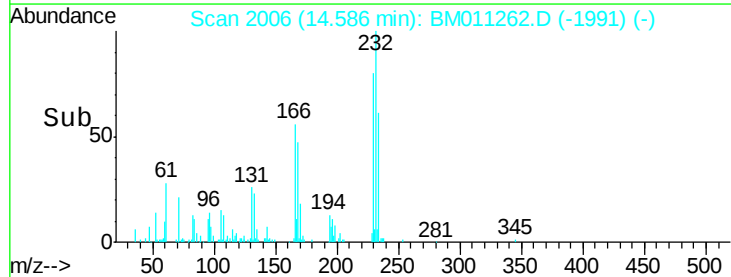
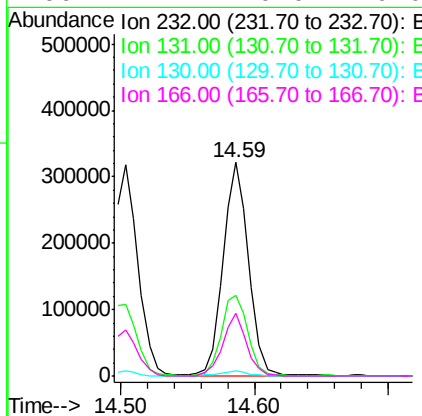
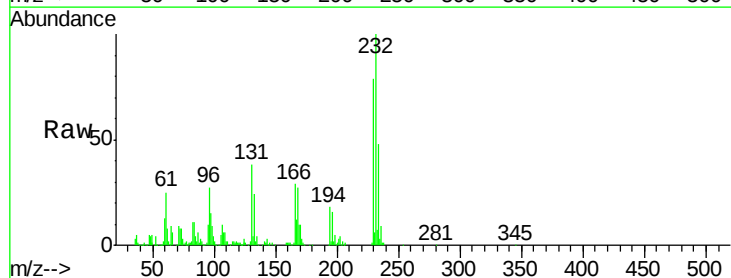
Instrument :
 BNA_M
 ClientSampleId :
 PB101577BSD

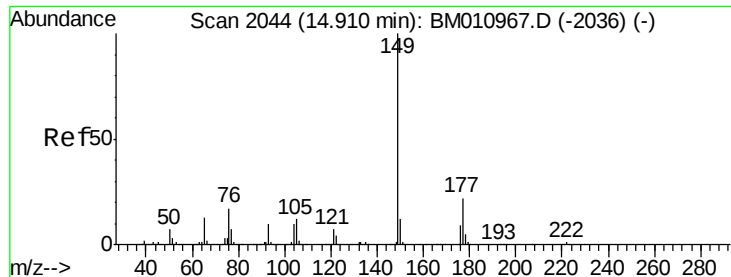
Tot Ion:166 Resp: 1175312
 Ion Ratio Lower Upper
 166 100
 165 96.7 79.0 118.4
 167 13.3 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.98 ng
 RT: 14.59 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

Tgt Ion:232 Resp: 428730
 Ion Ratio Lower Upper
 232 100
 131 39.6 0.0 0.0#
 130 2.5 0.0 0.0#
 166 27.2 0.0 0.0#

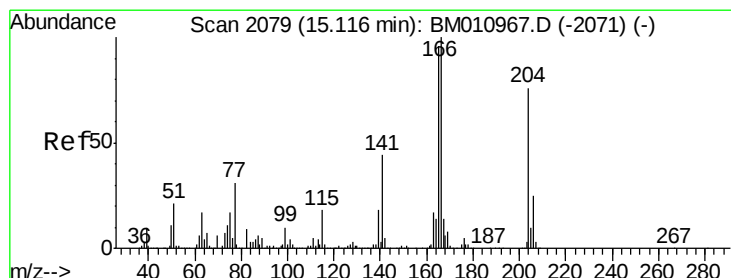
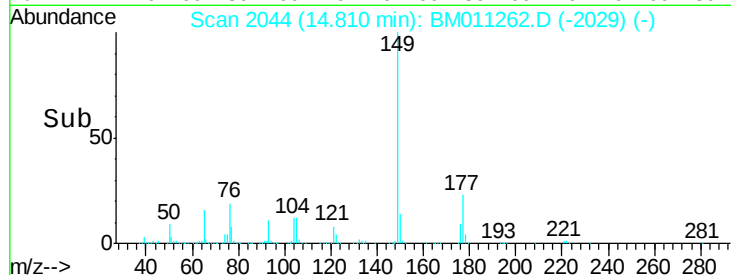
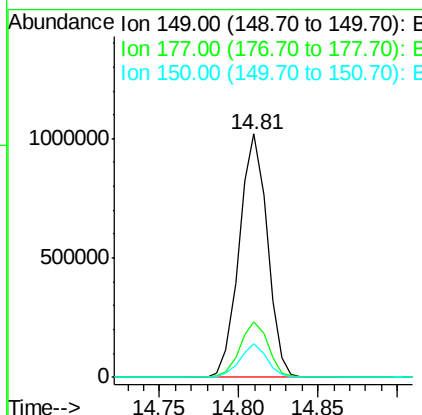
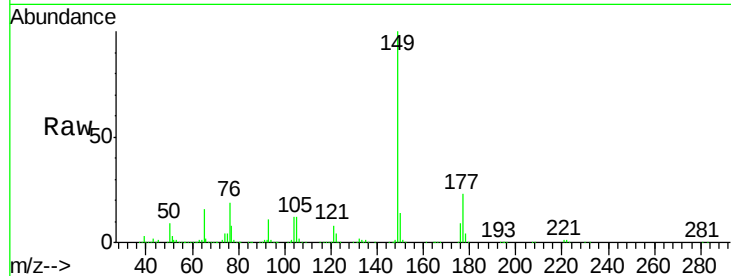




#59
Diethylphthalate
Concen: 42.06 ng
RT: 14.81 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

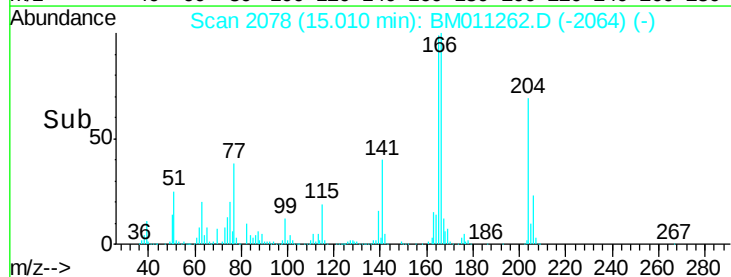
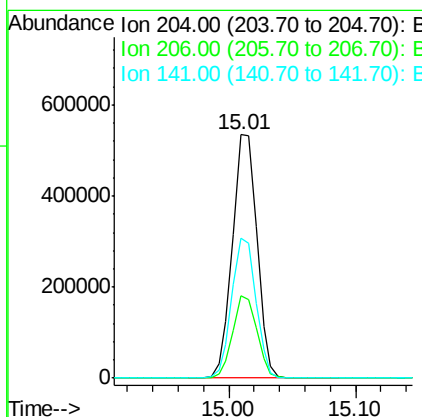
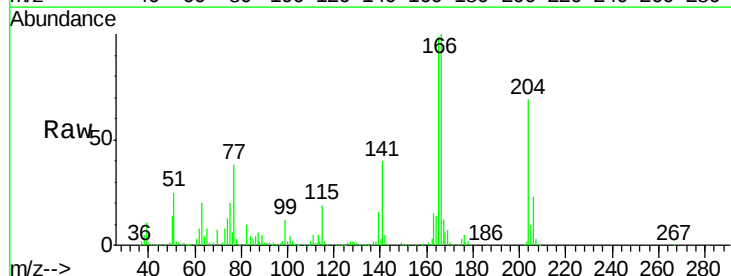
Instrument :
BNA_M
ClientSampleId :
PB101577BSD

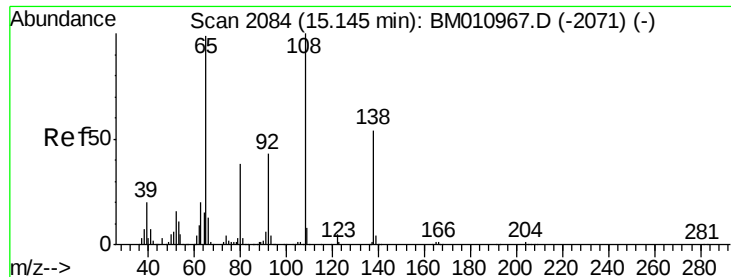
Tot Ion:149 Resp: 1255761
Ion Ratio Lower Upper
149 100
177 22.5 18.3 27.5
150 13.6 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 41.74 ng
RT: 15.01 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

Tgt Ion:204 Resp: 715293
Ion Ratio Lower Upper
204 100
206 33.9 26.6 39.8
141 57.7 45.2 67.8

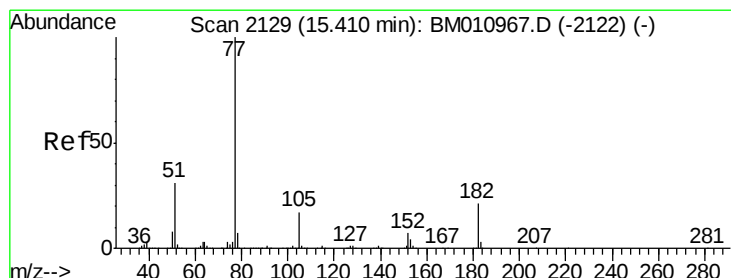
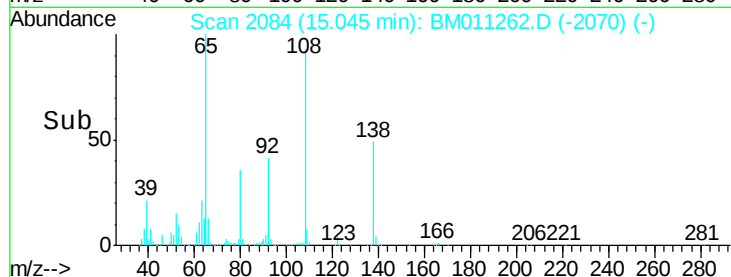
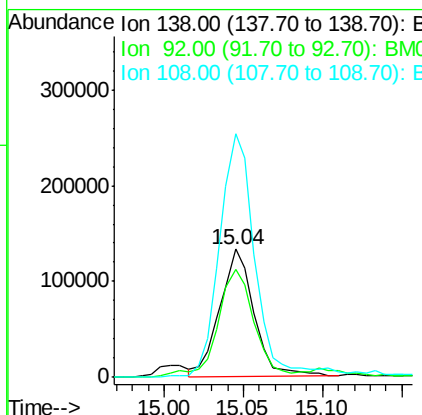
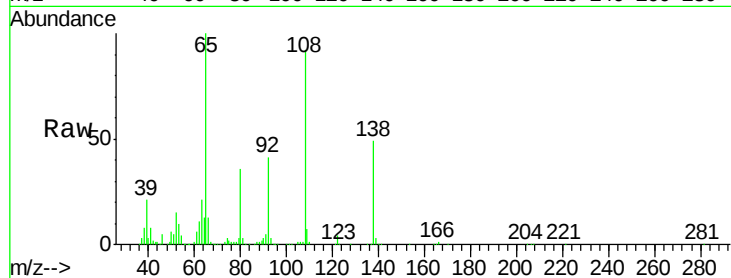




#61
4-Nitroaniline
Concen: 36.34 ng
RT: 15.04 min Scan# 2084
Delta R.T. -0.02 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

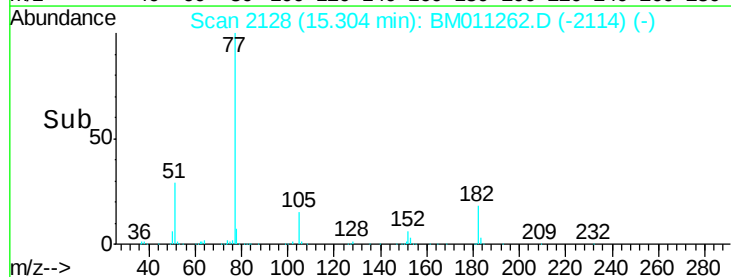
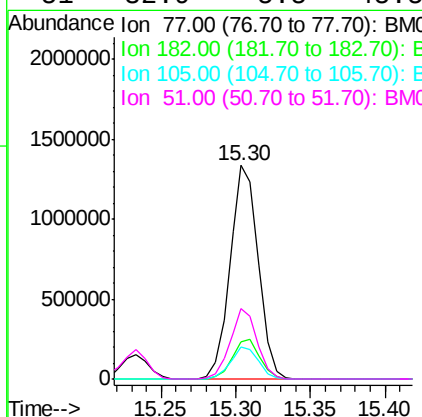
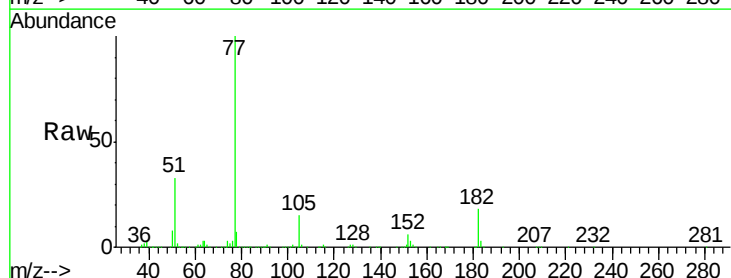
Instrument :
BNA_M
ClientSampleId :
PB101577BSD

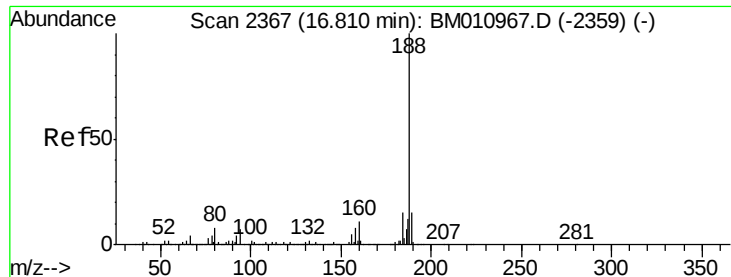
Tot Ion:138 Resp: 197987
Ion Ratio Lower Upper
138 100
92 84.6 16.7 56.7#
108 190.4 37.6 77.6#



#62
Azobenzene
Concen: 54.94 ng
RT: 15.30 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

Tgt Ion: 77 Resp: 1755319
Ion Ratio Lower Upper
77 100
182 17.6 6.5 46.5
105 14.8 3.8 43.8
51 32.9 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.70 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

BNA_M

ClientSampleId :

PB101577BSD

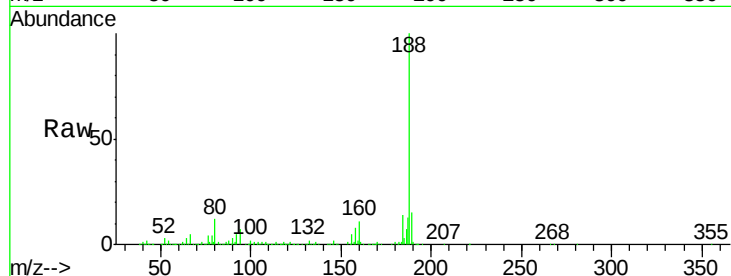
Tot Ion:188 Resp: 962550

Ion Ratio Lower Upper

188 100

94 7.4 8.7 13.1#

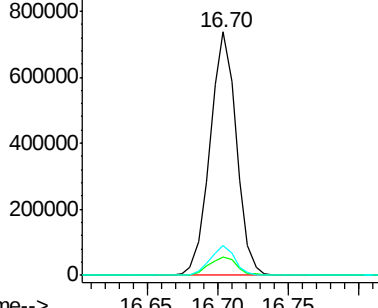
80 12.2 9.3 13.9



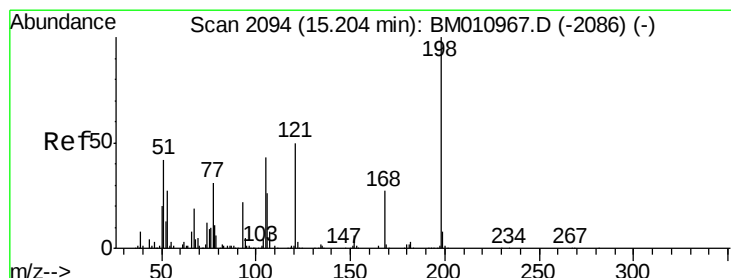
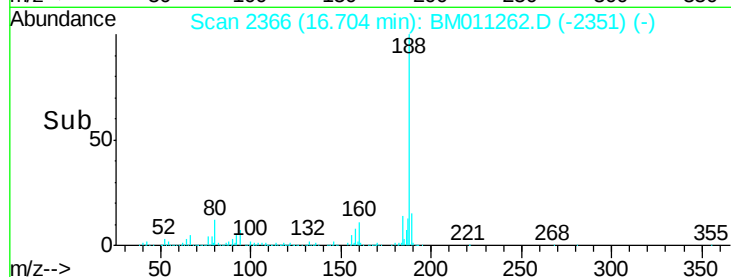
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 42.36 ng

RT: 15.10 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

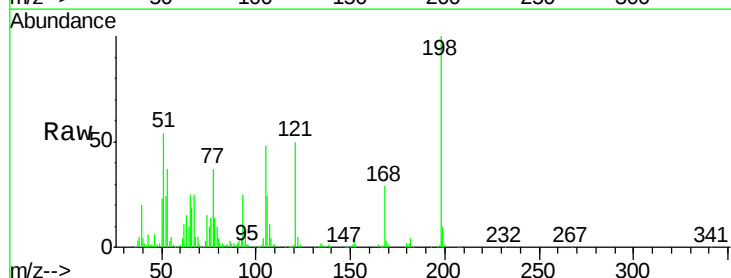
Tgt Ion:198 Resp: 276024

Ion Ratio Lower Upper

198 100

51 53.6 28.8 68.8

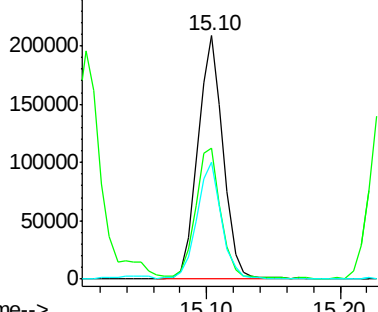
105 47.9 30.5 70.5



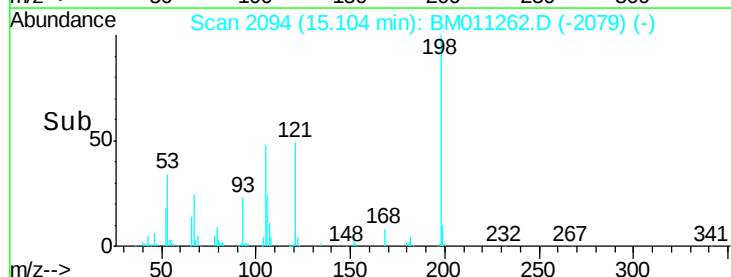
Abundance Ion 198.00 (197.70 to 198.70): E

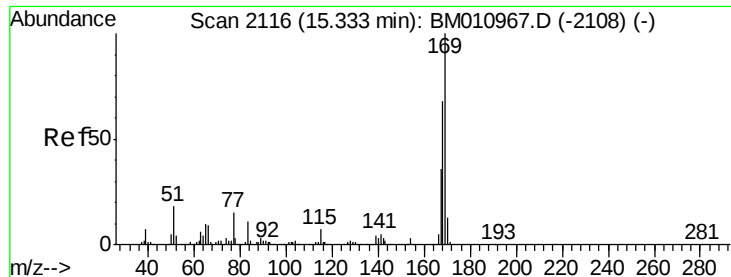
Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 38.38 ng

RT: 15.23 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

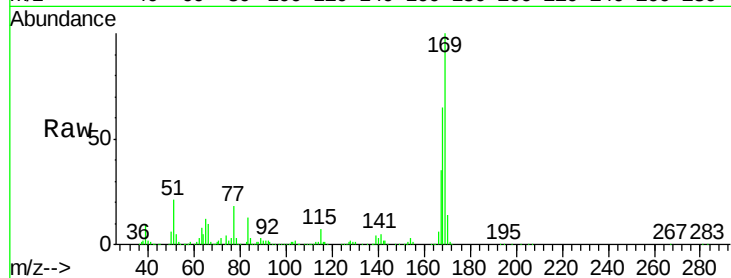
BNA_M

ClientSampleId :

PB101577BSD

Tot Ion:169 Resp: 1057183

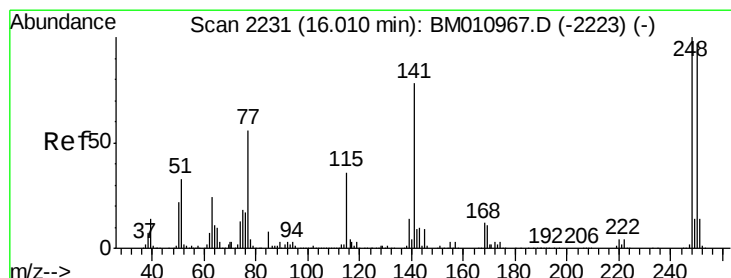
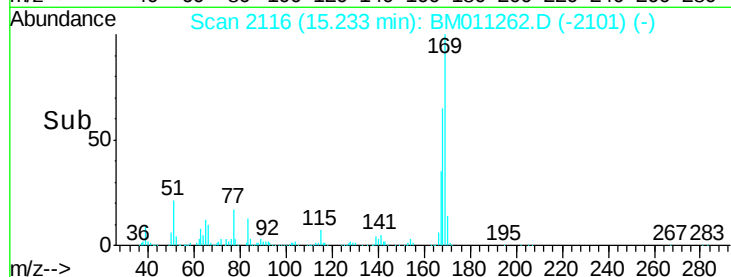
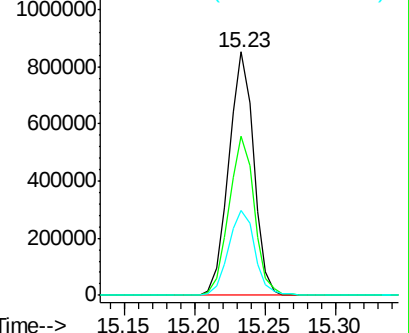
Ion	Ratio	Lower	Upper
169	100		
168	65.3	53.9	80.9
167	35.0	28.9	43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.85 ng

RT: 15.91 min Scan# 2231

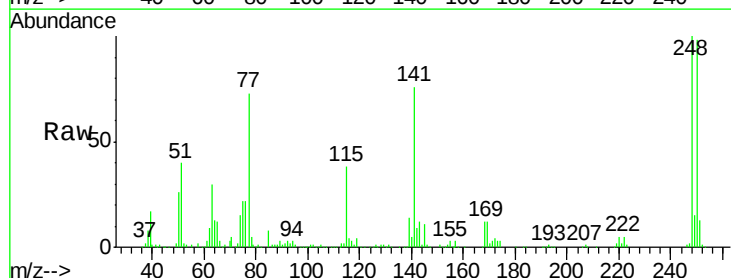
Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Tgt Ion:248 Resp: 480683

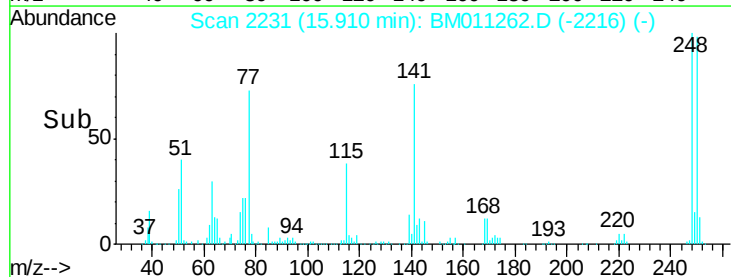
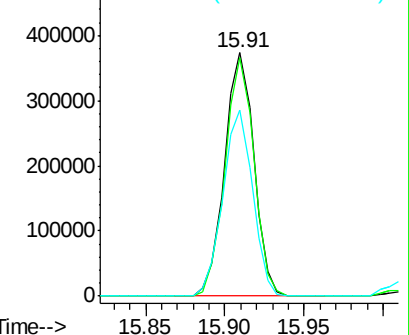
Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.4	116.0
141	76.3	45.2	67.8

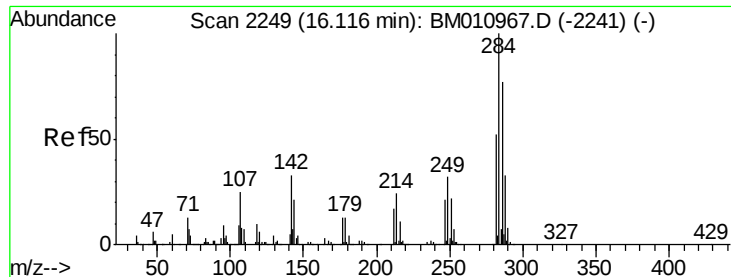


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.81 ng

RT: 16.01 min Scan# 2248

Delta R.T. -0.02 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

BNA_M

ClientSampleId :

PB101577BSD

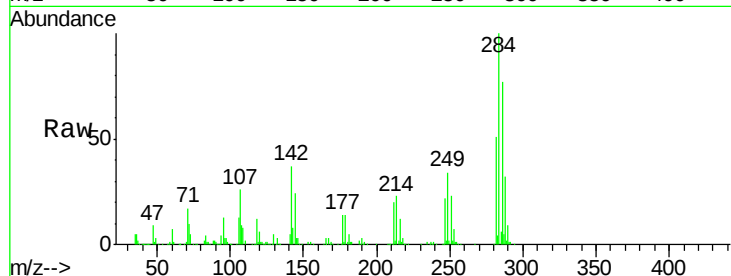
Tot Ion:284 Resp: 514719

Ion Ratio Lower Upper

284 100

142 36.9 20.4 30.6#

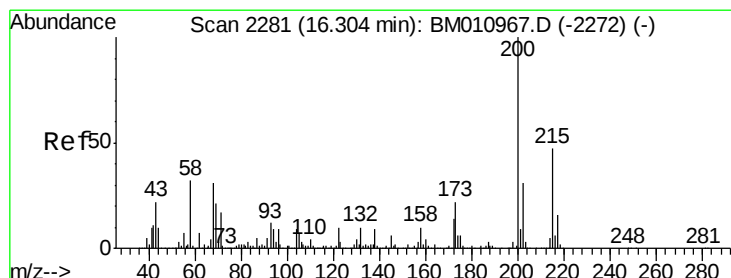
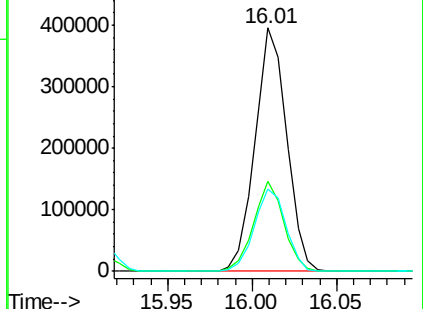
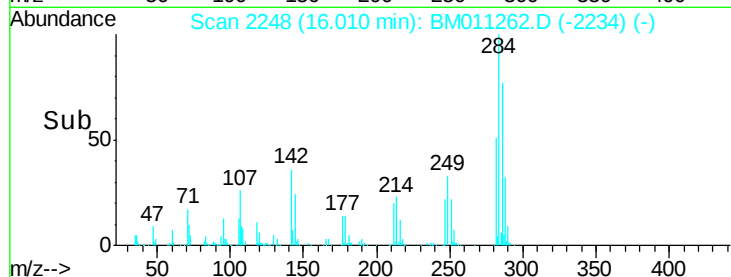
249 34.0 23.8 35.6



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: 43.84 ng

RT: 16.21 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

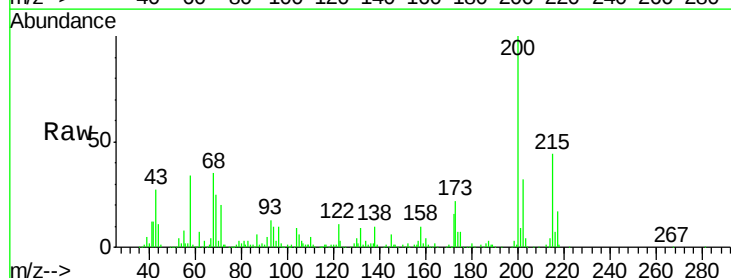
Tgt Ion:200 Resp: 483947

Ion Ratio Lower Upper

200 100

173 21.8 4.8 44.8

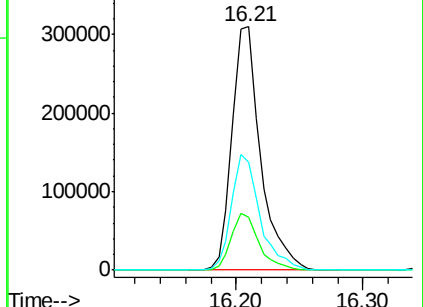
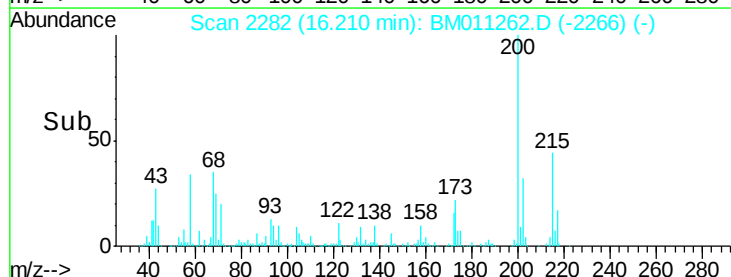
215 44.3 26.9 66.9

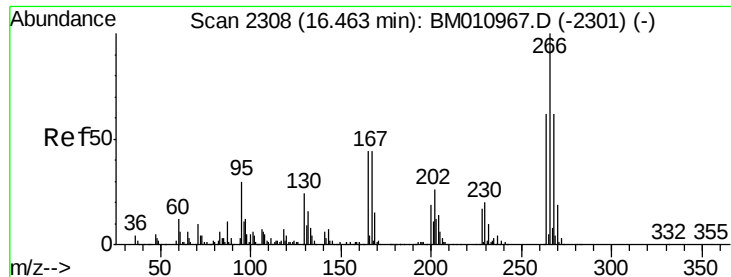


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

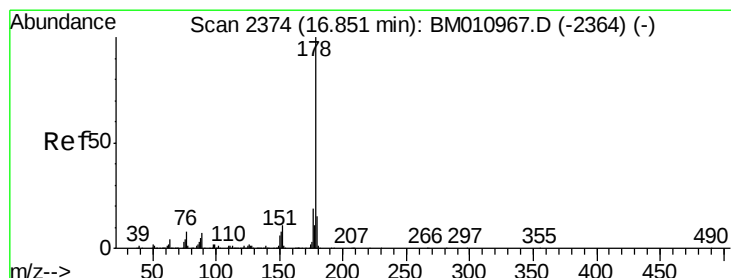
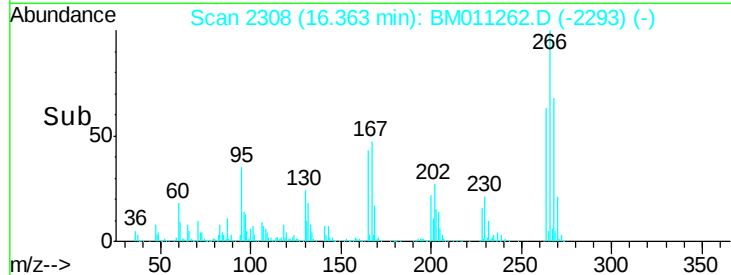
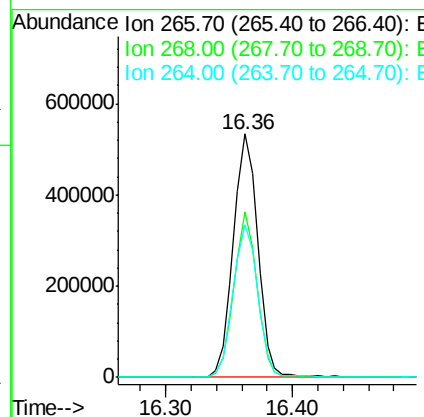
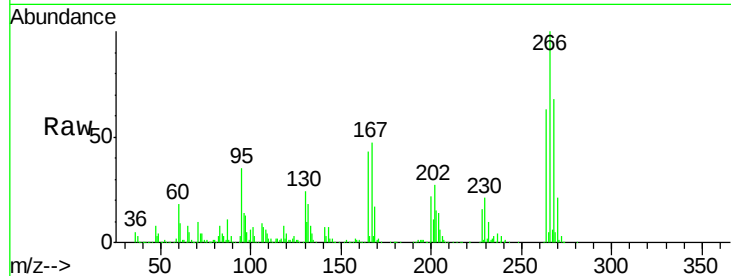




#69
 Pentachlorophenol
 Concen: 80.67 ng
 RT: 16.36 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

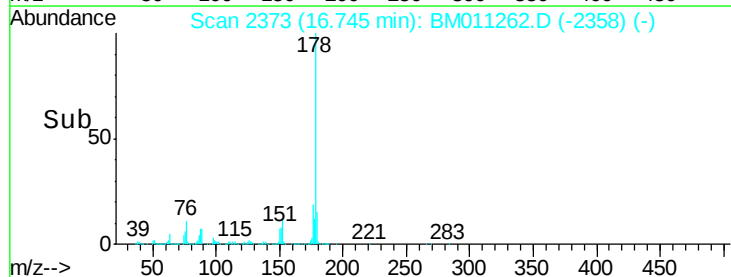
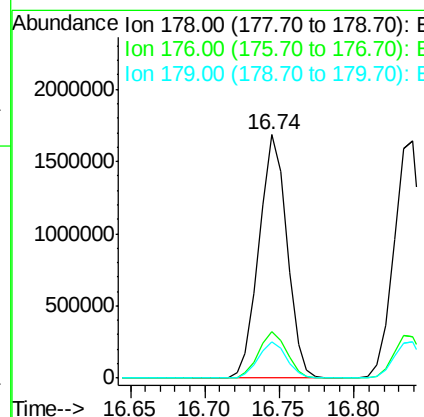
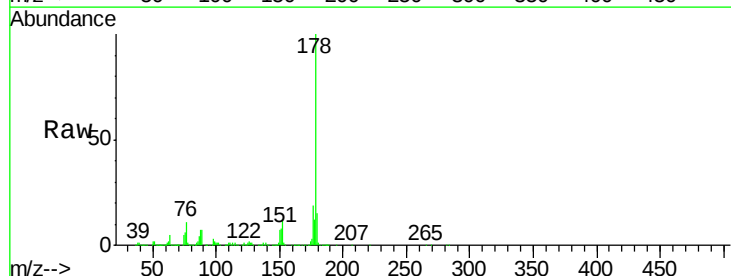
Instrument :
 BNA_M
 ClientSampleId :
 PB101577BSD

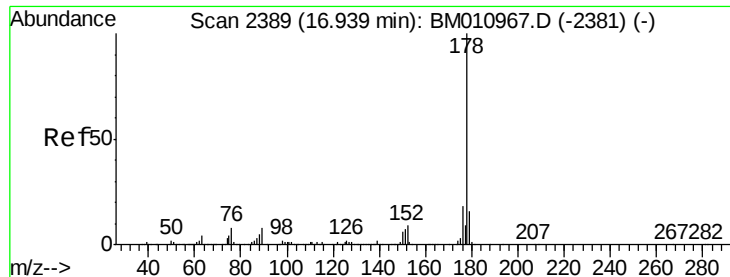
Tot Ion	Ratio	Lower	Upper
266	100		
268	68.1	52.0	78.0
264	62.9	49.0	73.4



#70
 Phenanthrene
 Concen: 43.05 ng
 RT: 16.74 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.0	12.1	18.1

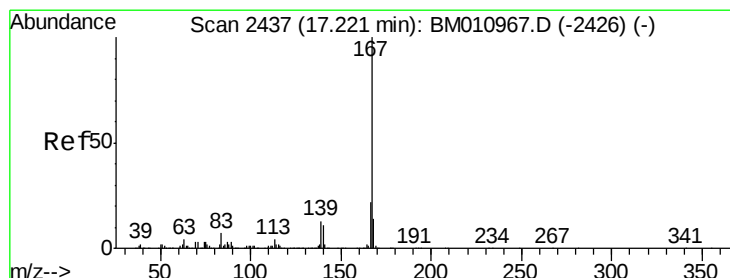
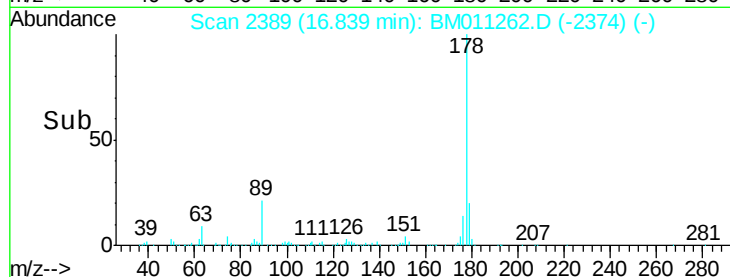
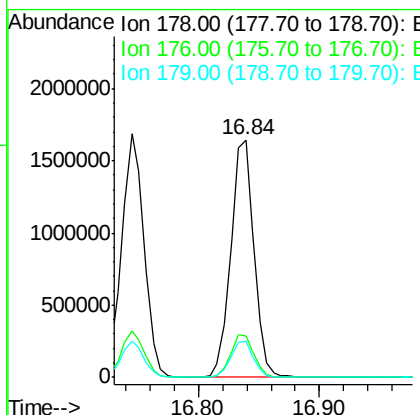
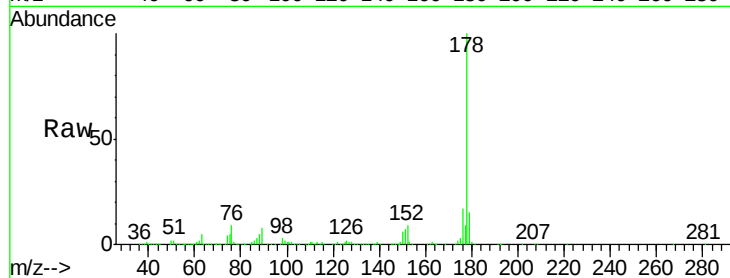




#71
 Anthracene
 Concen: 43.61 ng
 RT: 16.84 min Scan# 2389
 Delta R.T. -0.01 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

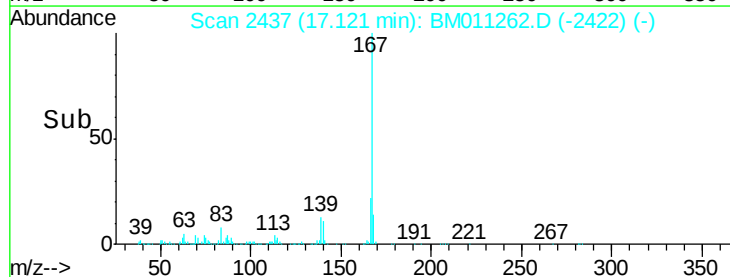
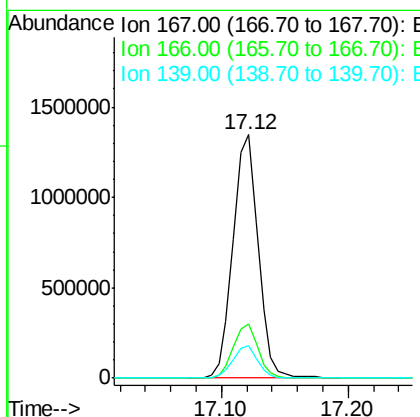
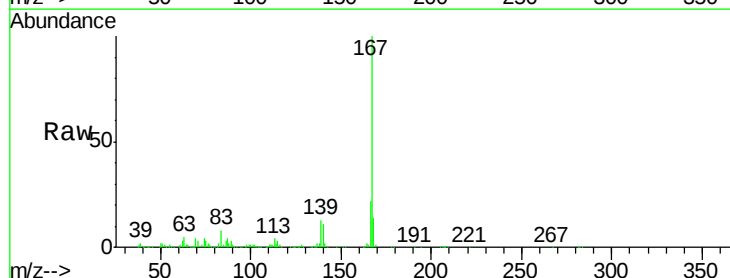
Instrument :
 BNA_M
 ClientSampleId :
 PB101577BSD

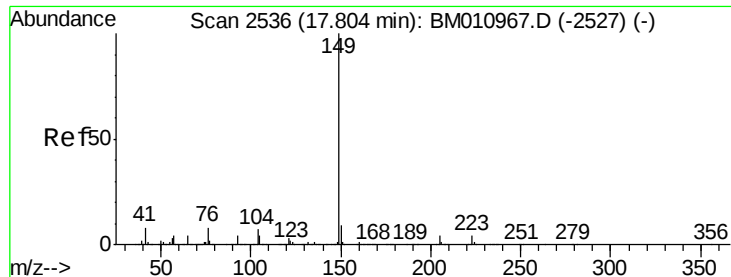
Tot Ion:178 Resp: 2192310
 Ion Ratio Lower Upper
 178 100
 176 17.4 14.6 22.0
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 42.13 ng
 RT: 17.12 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

Tgt Ion:167 Resp: 1851997
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.2 25.8
 139 13.5 10.8 16.2



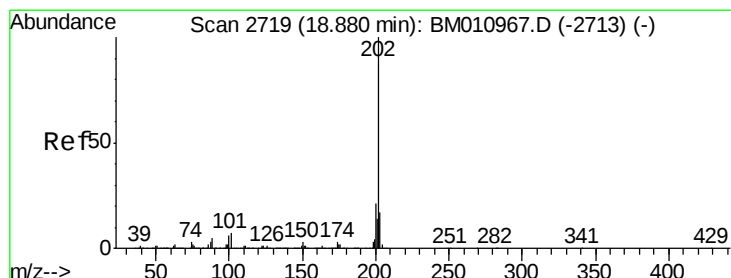
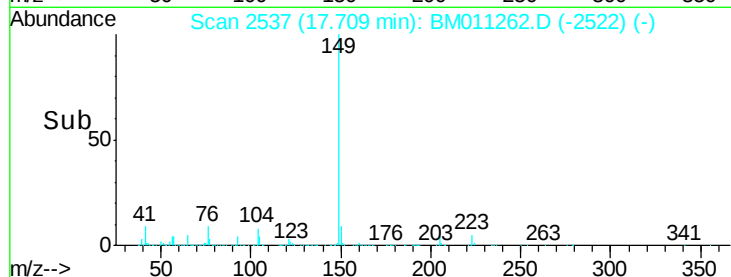
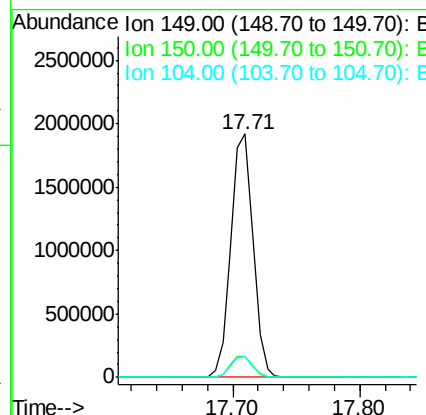
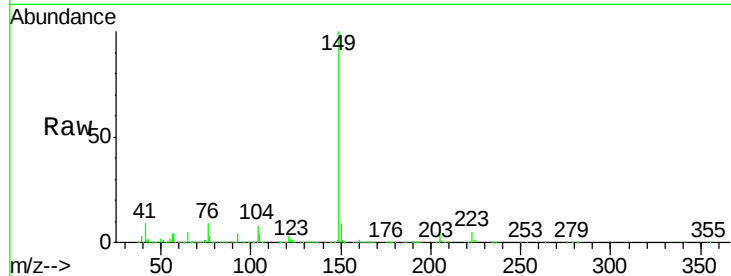


#73
 Di-n-butylphthalate
 Concen: 43.09 ng
 RT: 17.71 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

Instrument :
 BNA_M
 ClientSampleId :
 PB101577BSD

Tot Ion:149 Resp: 2306879

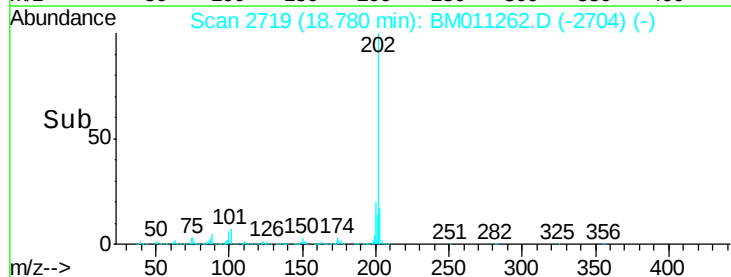
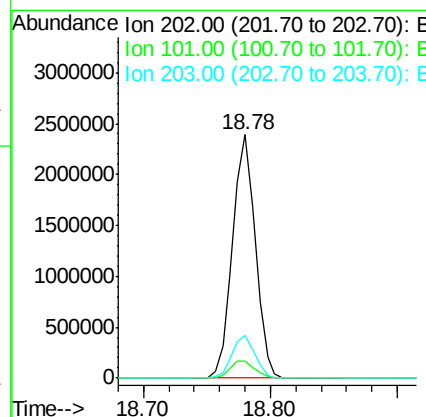
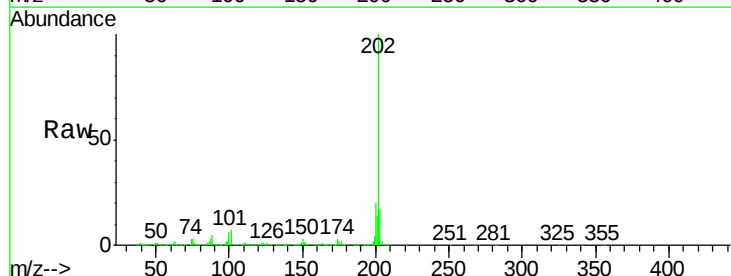
Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.5	11.3
104	8.3	3.7	5.5

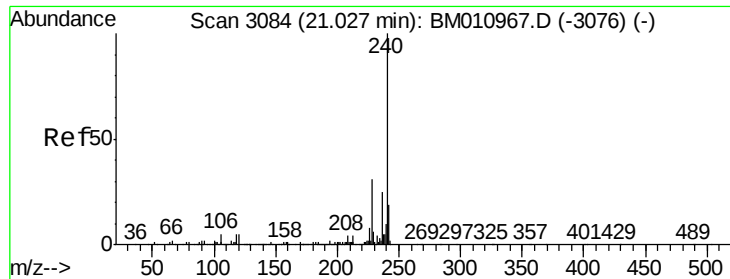


#74
 Fluoranthene
 Concen: 47.48 ng
 RT: 18.78 min Scan# 2719
 Delta R.T. -0.01 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

Tgt Ion:202 Resp: 2965550

Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	28.7
203	17.4	0.0	37.2

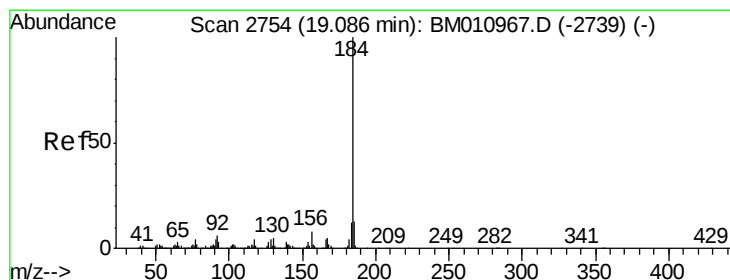
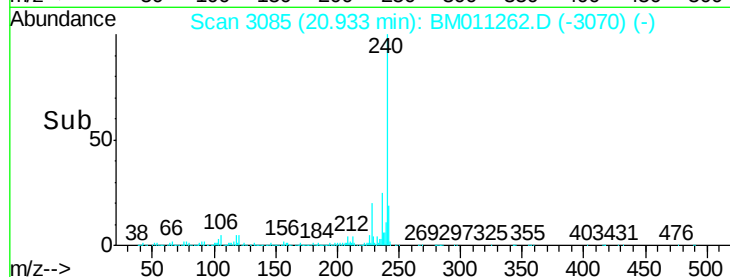
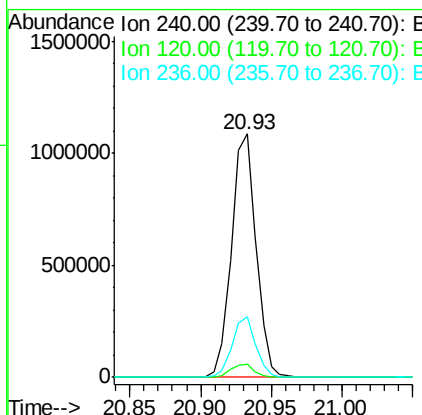
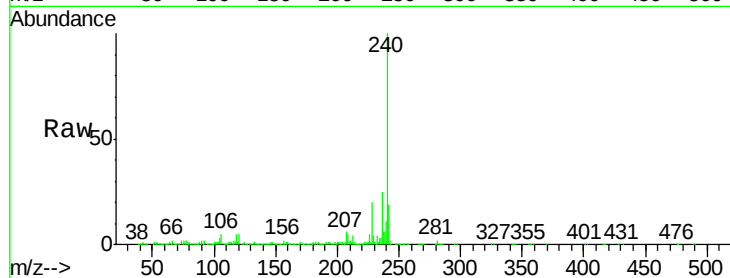




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 20.93 min Scan# 3085
 Delta R.T. -0.01 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

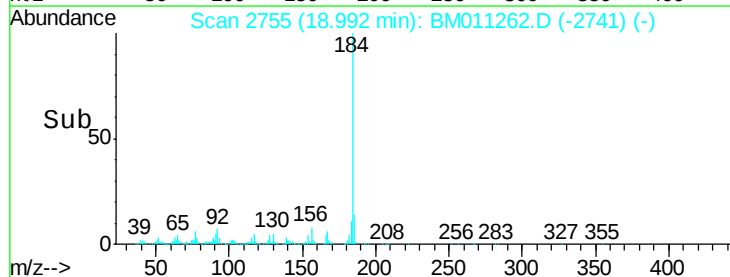
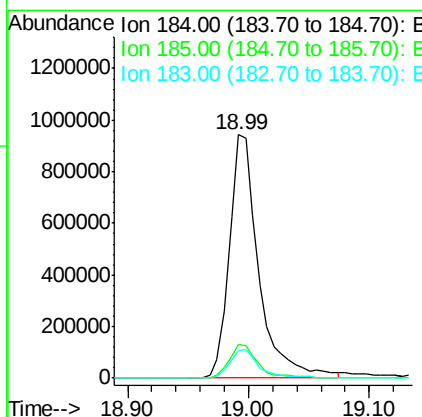
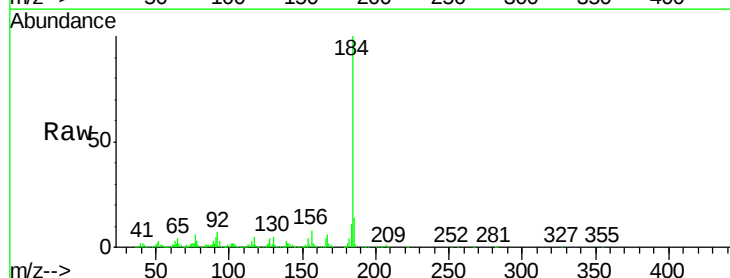
Instrument :
 BNA_M
 ClientSampleID :
 PB101577BSD

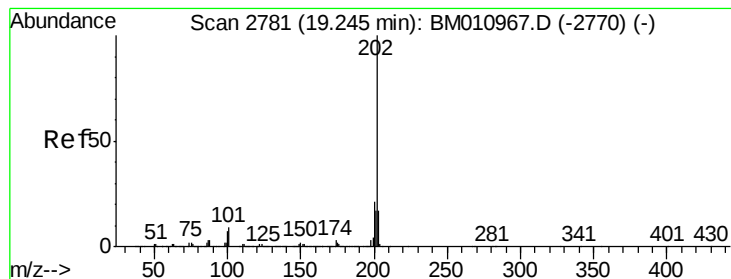
Tot Ion:240 Resp: 1320989
 Ion Ratio Lower Upper
 240 100
 120 5.4 8.2 12.2#
 236 24.7 20.0 30.0



#76
 Benzidine
 Concen: 50.75 ng
 RT: 18.99 min Scan# 2755
 Delta R.T. -0.02 min
 Lab File: BM011262.D
 Acq: 16 Aug 2017 19:56

Tgt Ion:184 Resp: 1603708
 Ion Ratio Lower Upper
 184 100
 185 13.8 11.3 16.9
 183 11.2 8.9 13.3





#77

Pvrene

Concen: 39.08 ng

RT: 19.14 min Scan# 2781

Delta R.T. -0.02 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

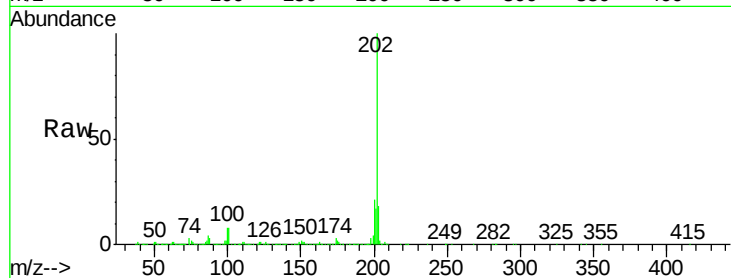
BNA_M

ClientSampleId :

PB101577BSD

Tot Ion:202 Resp: 3067296

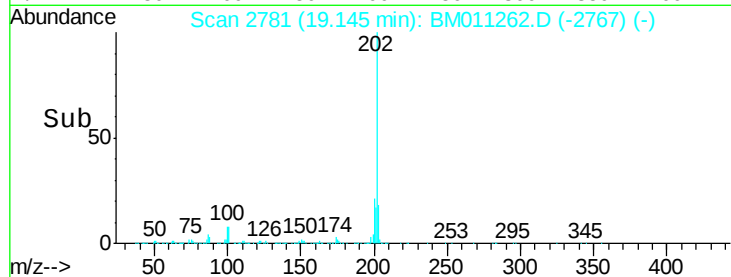
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.6	14.1	21.1



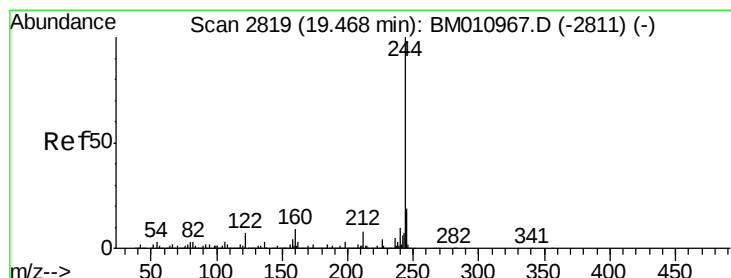
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 72.80 ng

RT: 19.37 min Scan# 2820

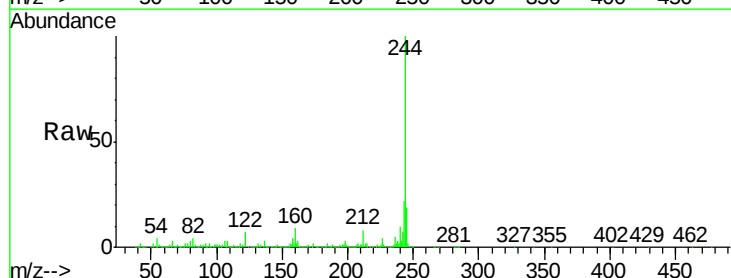
Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Tgt Ion:244 Resp: 4855046

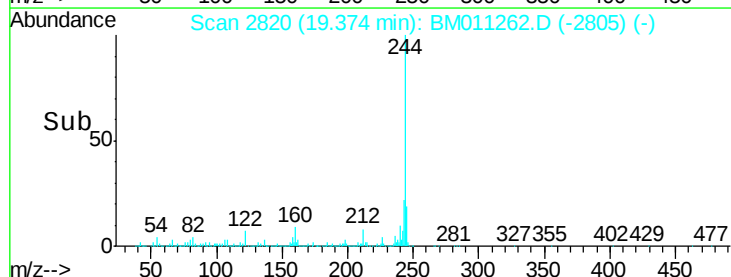
Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	6.6	6.2	9.4



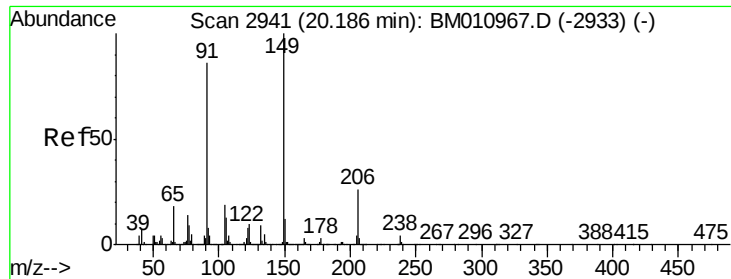
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



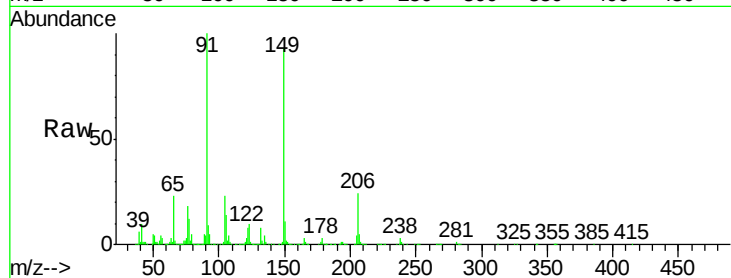
Time-->



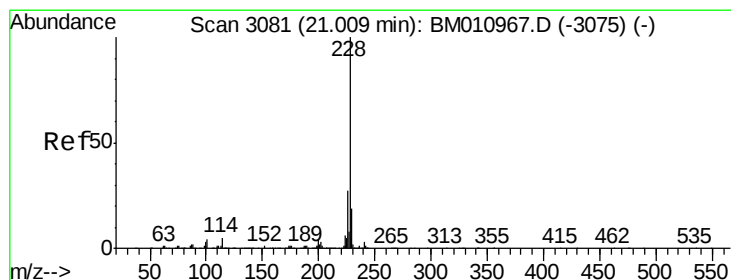
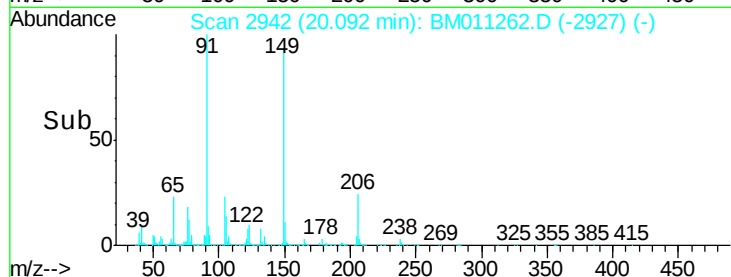
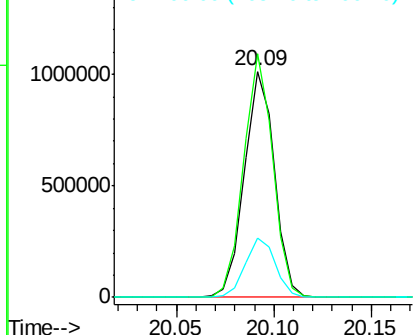
#79
Butylbenzylphthalate
Concen: 38.69 ng
RT: 20.09 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

Instrument :
BNA_M
ClientSampleId :
PB101577BSD

Tot Ion:149 Resp: 1079983
Ion Ratio Lower Upper
149 100
91 107.6 50.1 75.1#
206 26.2 16.2 24.2#

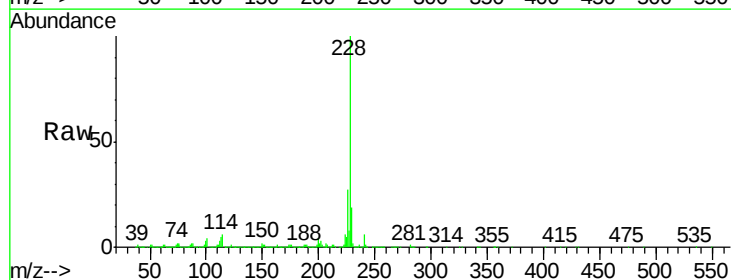


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM011262.D (-2927) (-)
Ion 206.00 (205.70 to 206.70): E

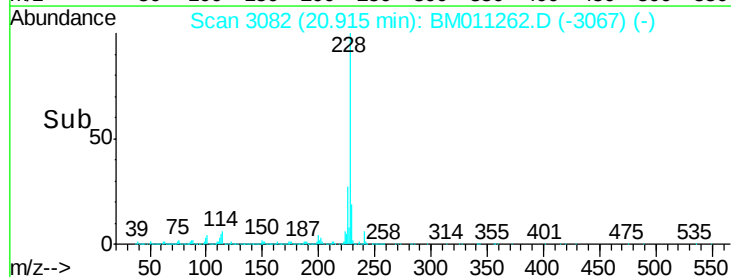
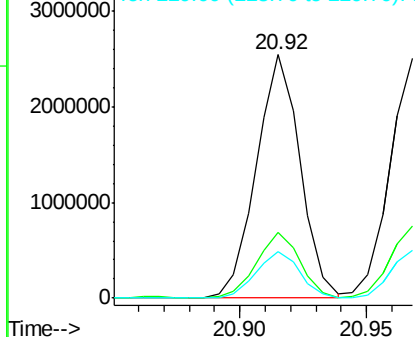


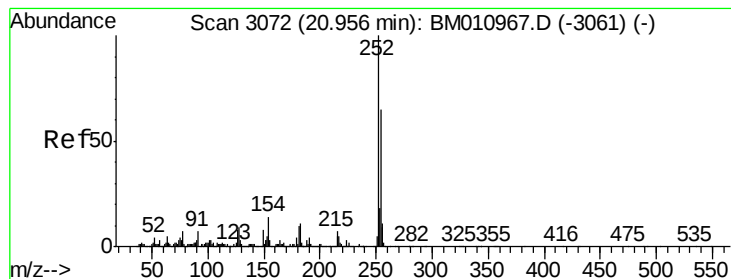
#80
Benzo(a)anthracene
Concen: 40.62 ng
RT: 20.92 min Scan# 3082
Delta R.T. -0.01 min
Lab File: BM011262.D
Acq: 16 Aug 2017 19:56

Tgt Ion:228 Resp: 3064024
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 18.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 29.20 ng

RT: 20.87 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

BNA_M

ClientSampleId :

PB101577BSD

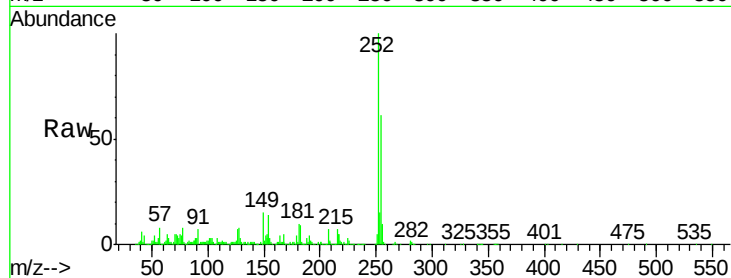
Tot Ion:252 Resp: 864025

Ion Ratio Lower Upper

252 100

254 60.7 51.9 77.9

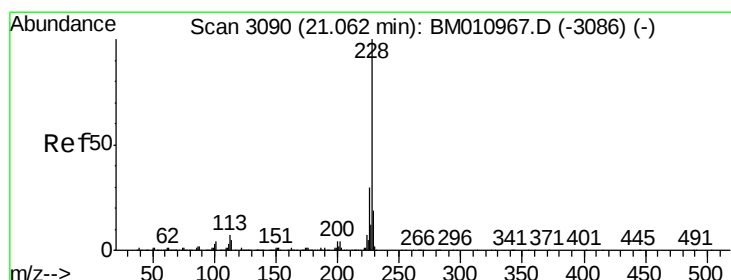
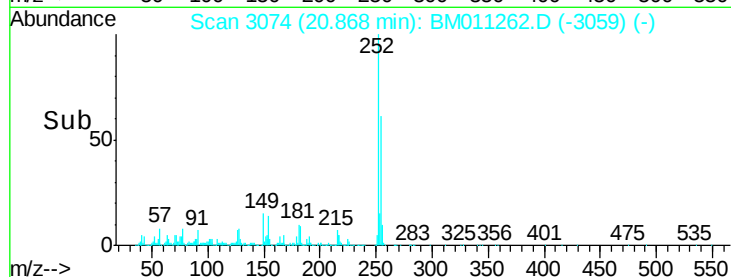
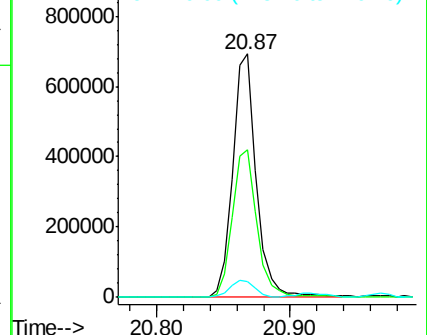
126 6.6 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 39.95 ng

RT: 20.97 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

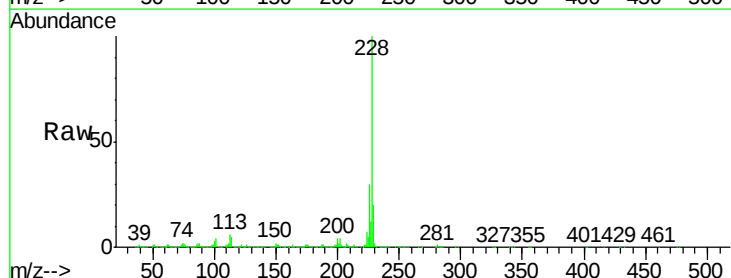
Tgt Ion:228 Resp: 2892495

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

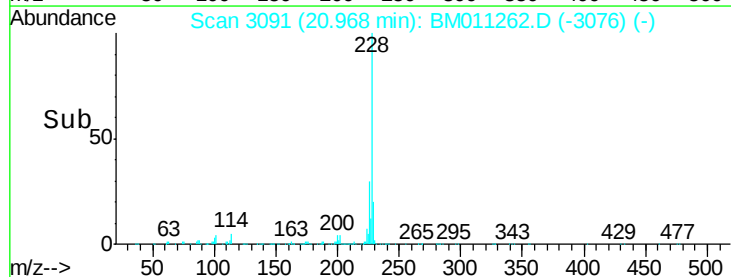
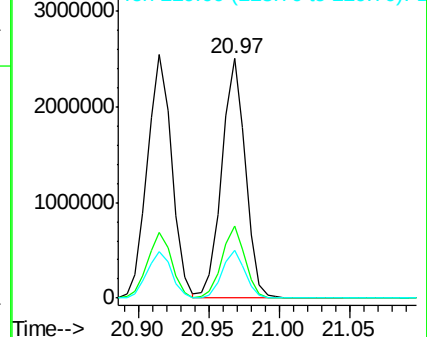
229 19.7 15.5 23.3

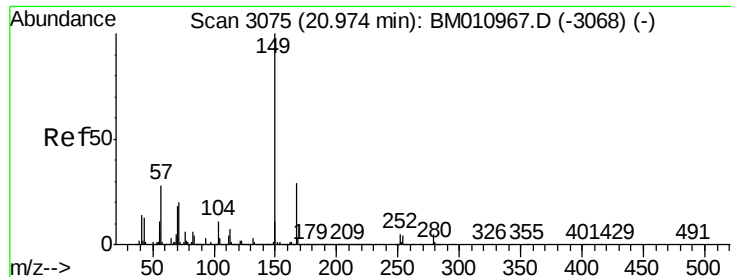


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.52 ng

RT: 20.89 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

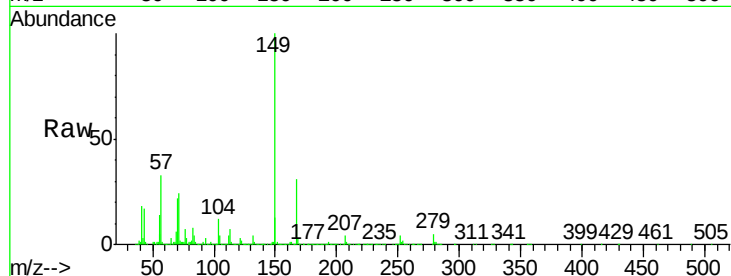
BNA_M

ClientSampleId :

PB101577BSD

Tot Ion:149 Resp: 1540422

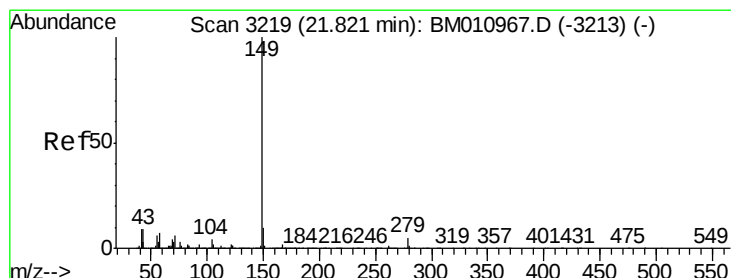
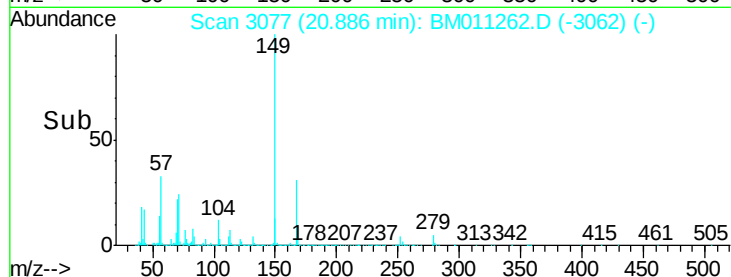
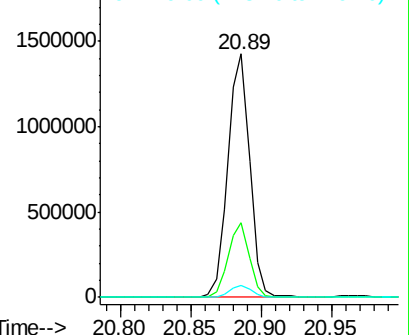
Ion	Ratio	Lower	Upper
149	100		
167	30.6	22.4	33.6
279	5.1	3.4	5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.50 ng

RT: 21.73 min Scan# 3220

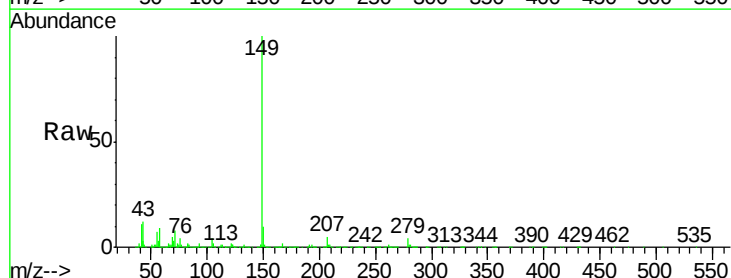
Delta R.T. -0.01 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Tgt Ion:149 Resp: 2499170

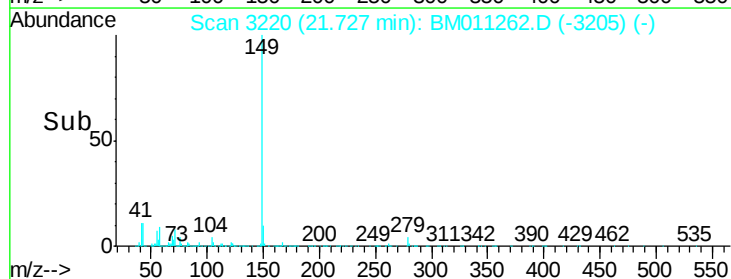
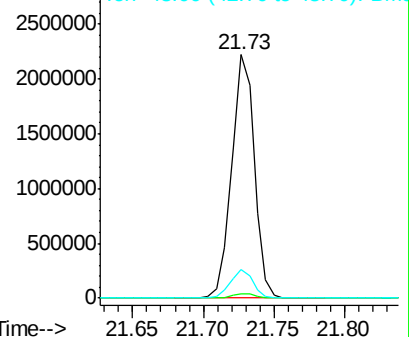
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.4	7.3	10.9#

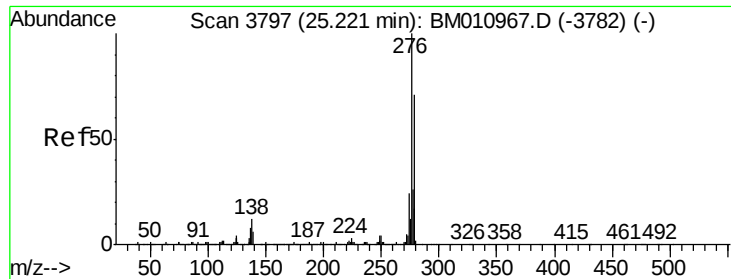


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.73 ng

RT: 25.01 min Scan# 3779

Delta R.T. -0.03 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

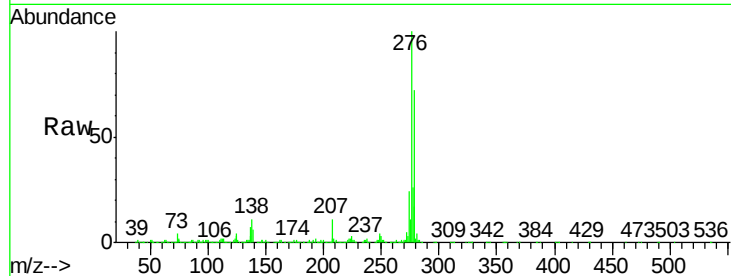
BNA_M

ClientSampleId :

PB101577BSD

Tot Ion:276 Resp: 2904109

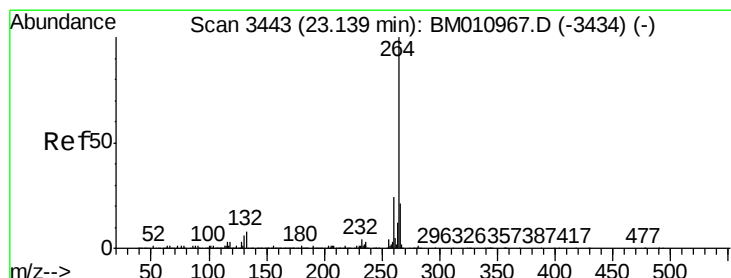
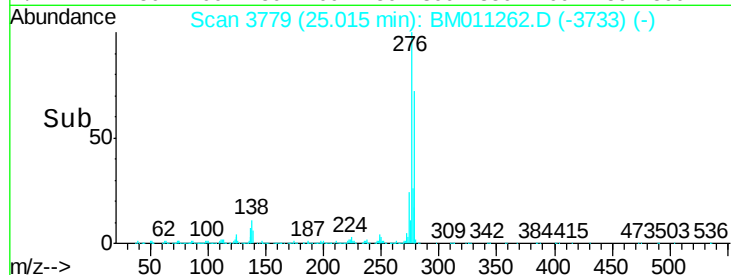
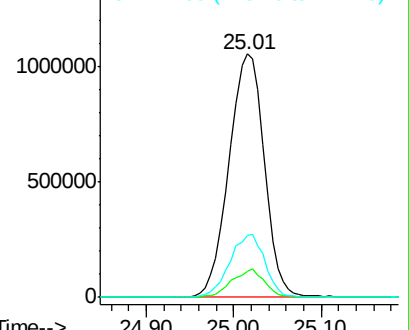
Ion	Ratio	Lower	Upper
276	100		
138	10.9	12.0	18.0#
277	25.7	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.00 min Scan# 3436

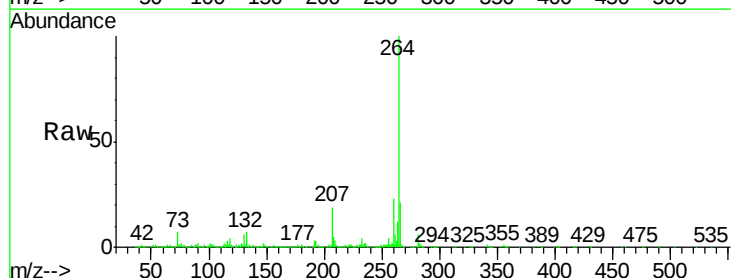
Delta R.T. -0.02 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Tgt Ion:264 Resp: 1107931

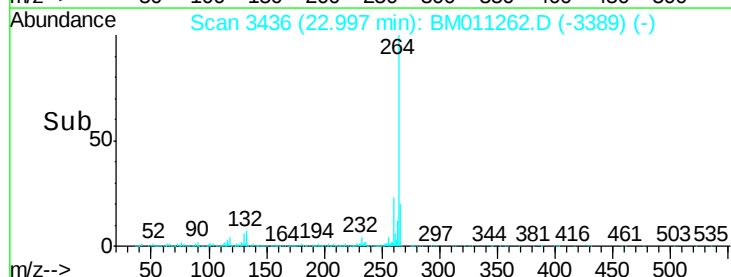
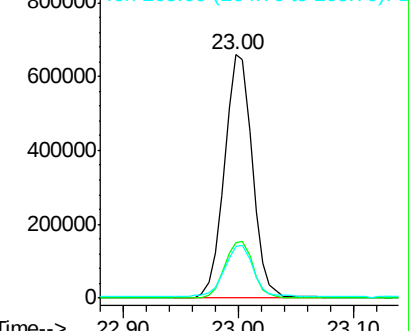
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.1	17.3	25.9

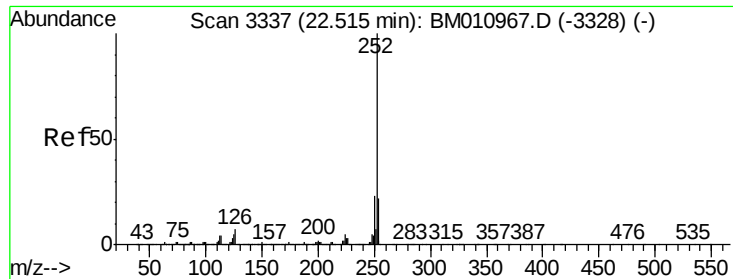


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.60 ng

RT: 22.40 min Scan# 3334

Delta R.T. -0.02 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

BNA_M

ClientSampleId :

PB101577BSD

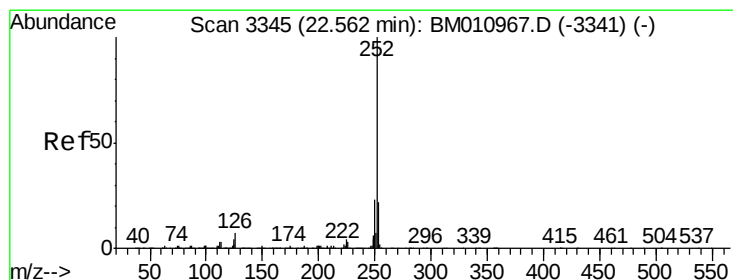
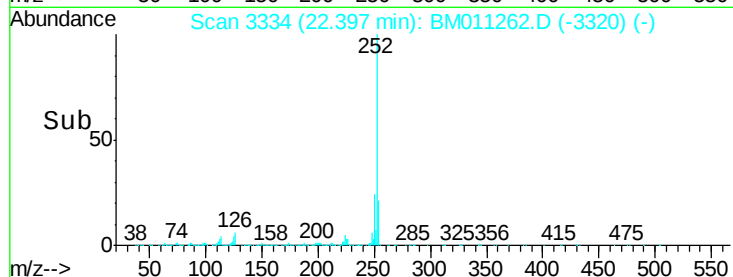
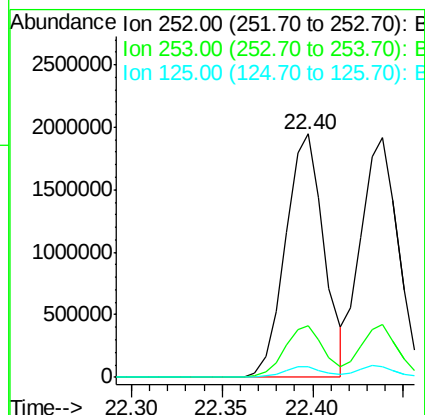
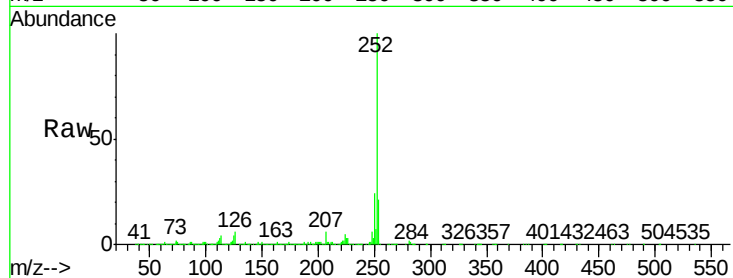
Tot Ion:252 Resp: 2887307

Ion Ratio Lower Upper

252 100

253 21.1 18.0 27.0

125 4.2 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 40.14 ng

RT: 22.44 min Scan# 3341

Delta R.T. -0.02 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

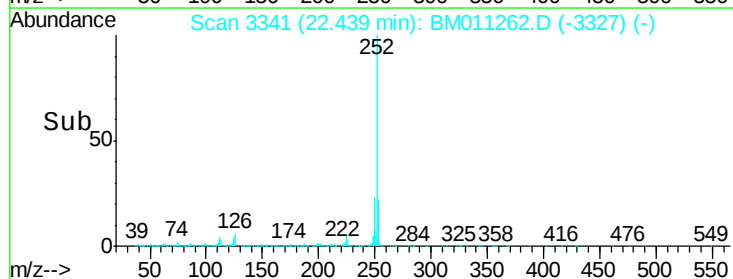
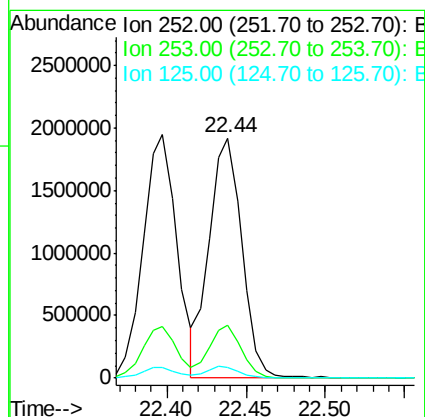
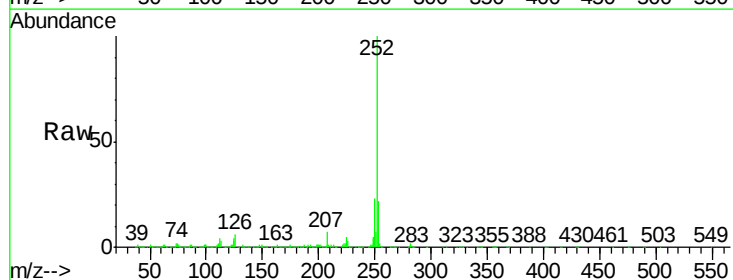
Tgt Ion:252 Resp: 2735778

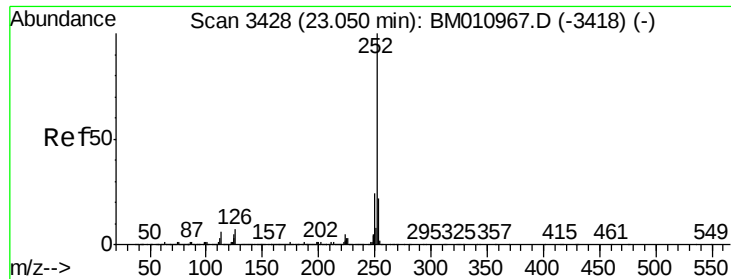
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 4.5 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 42.24 ng

RT: 22.92 min Scan# 3422

Delta R.T. -0.02 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

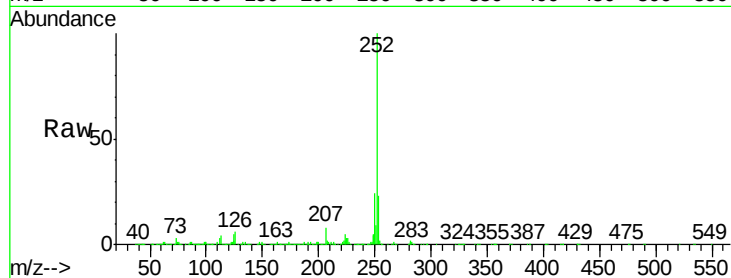
BNA_M

ClientSampleId :

PB101577BSD

Tot Ion:252 Resp: 2717637

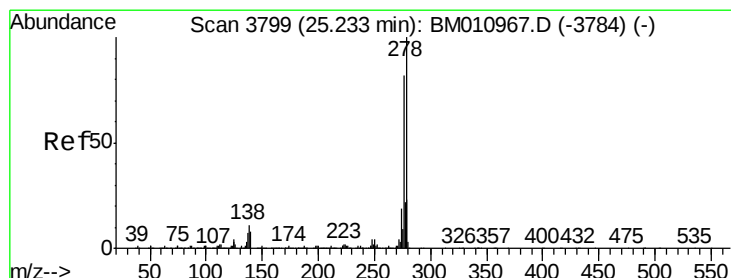
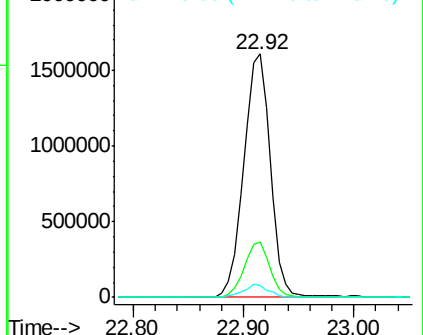
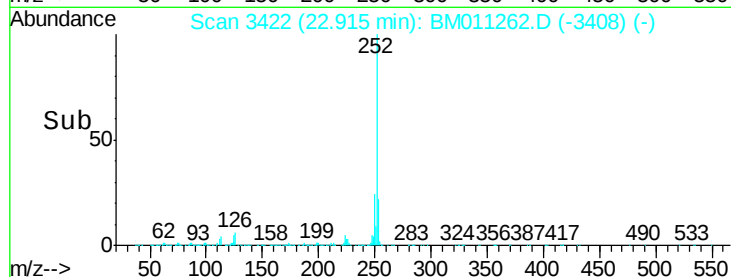
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	5.2	7.4	11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.30 ng

RT: 25.03 min Scan# 3781

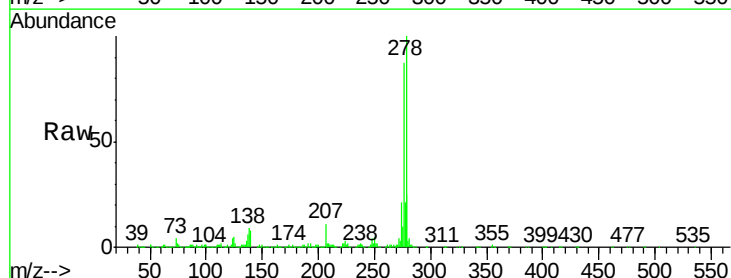
Delta R.T. -0.03 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Tgt Ion:278 Resp: 2403886

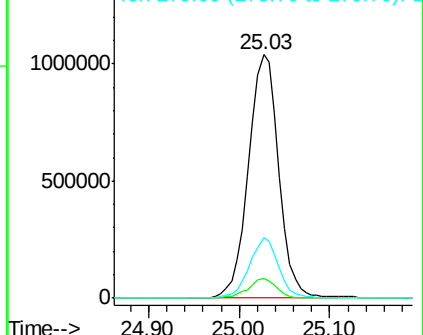
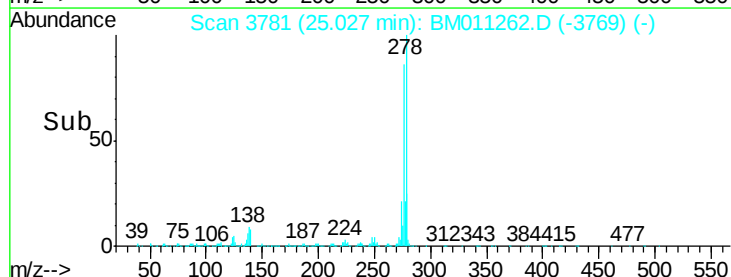
Ion	Ratio	Lower	Upper
278	100		
139	7.8	13.4	20.0
279	24.9	19.0	28.4

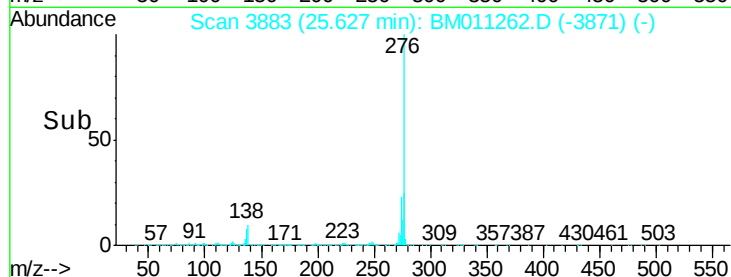
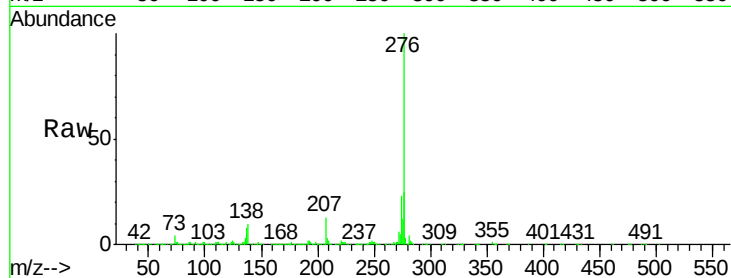
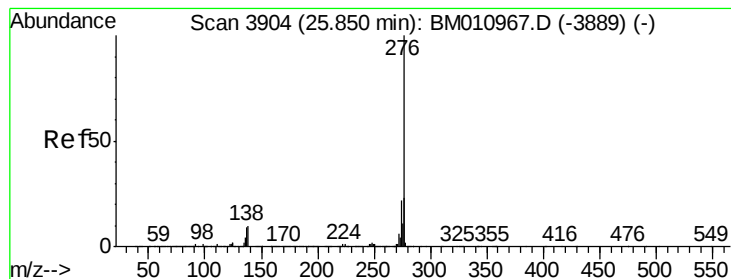


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.19 ng

RT: 25.63 min Scan# 3883

Delta R.T. -0.03 min

Lab File: BM011262.D

Acq: 16 Aug 2017 19:56

Instrument :

BNA_M

ClientSampleId :

PB101577BSD

Tot Ion:276 Resp: 2412607

Ion Ratio Lower Upper

276 100

277 24.6 18.5 27.7

138 10.1 19.0 28.6#

