

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082217\
 Data File : BM011333.D
 Acq On : 22 Aug 2017 18:45
 Operator : SJ/JU
 Sample : I4892-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

Quant Time: Aug 23 02:34:03 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	135770	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	501050	20.00	ng	-0.02
38) Acenaphthene-d10	13.93	164	365222	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	993367	20.00	ng	-0.02
75) Chrysene-d12	20.93	240	1333867	20.00	ng	-0.02
86) Perylene-d12	22.99	264	1176675	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	4.91	112	1050708	130.82	ng	-0.02
7) Phenol-d6	6.48	99	1417254	124.20	ng	-0.02
23) Nitrobenzene-d5	8.42	82	1491654	111.73	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	806522	137.78	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	2555475	87.75	ng	-0.02
78) Terphenyl-d14	19.37	244	5025838	74.64	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	155428	43.10	ng	# 100
3) Pyridine	3.29	79	339297	34.45	ng	# 88
4) n-Nitrosodimethylamine	3.20	42	268122	53.41	ng	# 67
6) Aniline	6.62	93	330023	22.95	ng	# 85
8) 2-Chlorophenol	6.84	128	328731	40.31	ng	# 61
9) Benzaldehyde	6.43	77	318321	43.11	ng	# 67
10) Phenol	6.50	94	486627	39.26	ng	# 89
11) bis(2-Chloroethyl)ether	6.72	93	435206	45.06	ng	# 82
12) 1,3-Dichlorobenzene	7.16	146	378036	38.04	ng	# 74
13) 1,4-Dichlorobenzene	7.30	146	382883	37.59	ng	# 89
14) 1,2-Dichlorobenzene	7.61	146	363058	37.28	ng	# 87
15) Benzyl Alcohol	7.52	79	554819	50.68	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.80	45	466591	53.69	ng	# 79
17) 2-Methylphenol	7.73	107	346965	43.80	ng	# 69
18) Hexachloroethane	8.32	117	175117	39.42	ng	# 87
19) n-Nitroso-di-n-propylamine	8.08	70	510922	52.69	ng	# 89
20) 3+4-Methylphenols	8.05	107	448309	40.71	ng	# 76
22) Acetophenone	8.09	105	693274	46.16	ng	# 86
24) Nitrobenzene	8.46	77	738119	53.36	ng	# 80
25) Isophorone	8.98	82	1188223	53.38	ng	# 81
26) 2-Nitrophenol	9.16	139	182434	41.45	ng	# 1
27) 2,4-Dimethylphenol	9.23	122	331396	42.77	ng	# 61
28) bis(2-Chloroethoxy)methane	9.47	93	605636	48.78	ng	# 97
29) 2,4-Dichlorophenol	9.69	162	375973	43.18	ng	# 85
30) 1,2,4-Trichlorobenzene	9.89	180	466302	43.31	ng	# 96
31) Naphthalene	10.07	128	1098651	43.59	ng	# 100
32) Benzoic acid	9.39	122	208466	33.47	ng	# 34
33) 4-Chloroaniline	10.21	127	148354	14.75	ng	# 60
34) Hexachlorobutadiene	10.36	225	372000	43.87	ng	# 93
35) Caprolactam	11.00	113	57288	23.20	ng	# 86
36) 4-Chloro-3-methylphenol	11.34	107	490235	43.60	ng	# 73
37) 2-Methylnaphthalene	11.70	142	860441	46.47	ng	# 86
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	647026	41.24	ng	# 100
40) Hexachlorocyclopentadiene	12.06	237	825476	90.28	ng	# 95

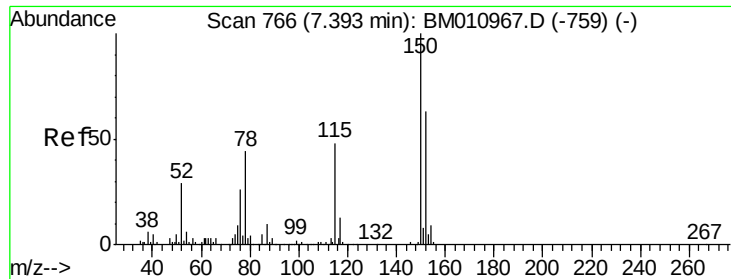
Data Path : Z:\HPCHEM1\BNA M\DATA\BM082217\
 Data File : BM011333.D
 Acq On : 22 Aug 2017 18:45
 Operator : SJ/JU
 Sample : I4892-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

Quant Time: Aug 23 02:34:03 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.34	196	391324	41.20	nq	96
43) 2,4,5-Trichlorophenol	12.42	196	422171	43.16	nq #	83
45) 1,1'-Biphenyl	12.75	154	1212729	38.40	nq	92
46) 2-Chloronaphthalene	12.79	162	972042	41.78	nq #	92
47) 2-Nitroaniline	13.02	65	474262	57.61	nq #	61
48) Acenaphthylene	13.65	152	1439157	41.45	nq	99
49) Dimethylphthalate	13.42	163	1262515	40.41	nq #	99
50) 2,6-Dinitrotoluene	13.53	165	271286	42.94	nq #	36
51) Acenaphthene	14.00	154	912470	42.44	nq	99
52) 3-Nitroaniline	13.86	138	213205	38.89	nq #	8
53) 2,4-Dinitrophenol	14.07	184	371592	82.76	nq #	73
54) Dibenzofuran	14.34	168	1609432	46.20	nq #	91
55) 4-Nitrophenol	14.20	139	328236	68.14	nq #	75
56) 2,4-Dinitrotoluene	14.33	165	399947	45.09	nq #	64
57) Fluorene	15.00	166	1310076	43.19	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.58	232	449549	49.03	nq #	100
59) Diethylphthalate	14.80	149	1354141	42.44	nq	99
60) 4-Chlorophenyl-phenylether	15.00	204	802193	43.80	nq	97
61) 4-Nitroaniline	15.04	138	210507	36.15	nq #	1
62) Azobenzene	15.30	77	2042542	59.81	nq	85
64) 4,6-Dinitro-2-methylphenol	15.10	198	270218	40.18	nq	91
65) n-Nitrosodiphenylamine	15.23	169	1173517	41.28	nq	98
66) 4-Bromophenyl-phenylether	15.90	248	540450	42.32	nq #	92
67) Hexachlorobenzene	16.00	284	549811	38.10	nq #	87
68) Atrazine	16.20	200	503555	44.20	nq	94
69) Pentachlorophenol	16.36	266	740570	80.84	nq	97
70) Phenanthrene	16.74	178	2357052	45.32	nq	99
71) Anthracene	16.83	178	2412989	46.52	nq	99
72) Carbazole	17.11	167	2000416	44.09	nq	99
73) Di-n-butylphthalate	17.70	149	2391094	43.28	nq #	95
74) Fluoranthene	18.77	202	3185411	49.42	nq	98
76) Benzidine	18.99	184	779469	24.43	nq	98
77) Pyrene	19.14	202	3294454	41.57	nq	99
79) Butylbenzylphthalate	20.09	149	1184292	42.02	nq #	55
80) Benzo(a)anthracene	20.91	228	3302977	43.37	nq	99
81) 3,3'-Dichlorobenzidine	20.86	252	897738	30.05	nq #	96
82) Chrysene	20.96	228	3113957	42.59	nq	99
83) Bis(2-ethylhexyl)phthalate	20.88	149	1674882	40.40	nq #	98
84) Di-n-octyl phthalate	21.72	149	2830832	42.07	nq #	94
85) Indeno(1,2,3-cd)pyrene	25.00	276	3375130	44.58	nq #	96
87) Benzo(b)fluoranthene	22.39	252	3327243	44.06	nq #	92
88) Benzo(k)fluoranthene	22.43	252	3086608	42.64	nq #	94
89) Benzo(a)pyrene	22.90	252	3066564	44.87	nq #	96
90) Dibenzo(a,h)anthracene	25.02	278	2776037	43.82	nq #	90
91) Benzo(g,h,i)perylene	25.61	276	2813505	45.23	nq #	85

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 762

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

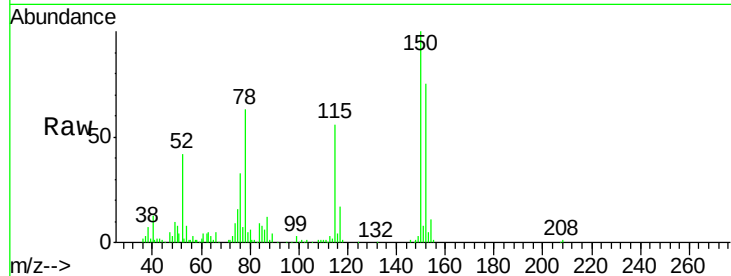
Tot Ion:152 Resp: 135770

Ion Ratio Lower Upper

152 100

150 133.9 119.5 179.3

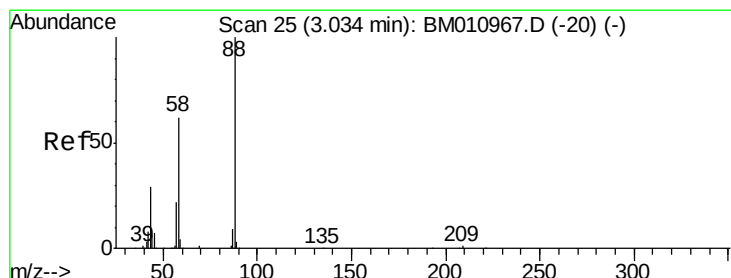
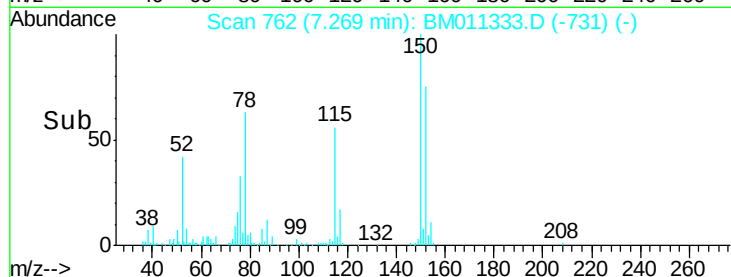
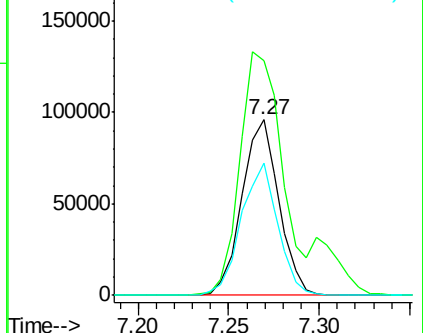
115 75.0 43.0 64.4#



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: 43.10 ng

RT: 2.92 min Scan# 22

Delta R.T. -0.01 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

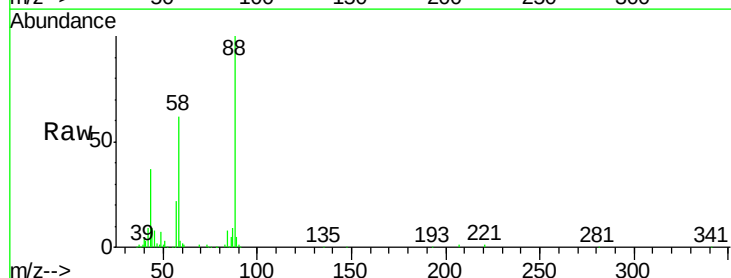
Tgt Ion: 88 Resp: 155428

Ion Ratio Lower Upper

88 100

58 66.2 0.0 0.0#

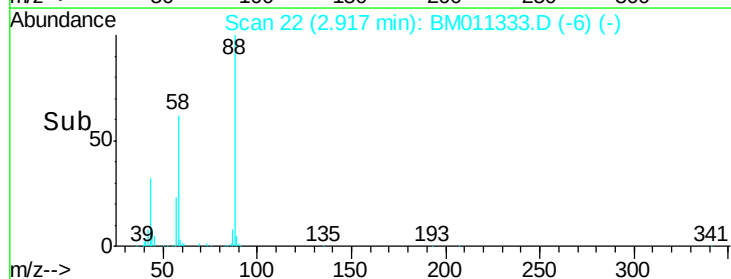
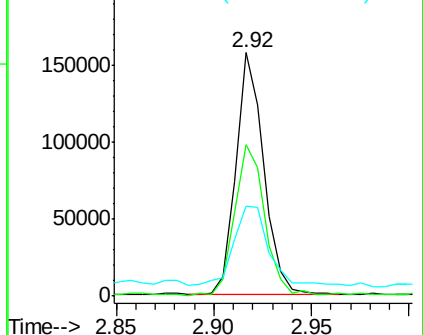
43 44.2 0.0 0.0#

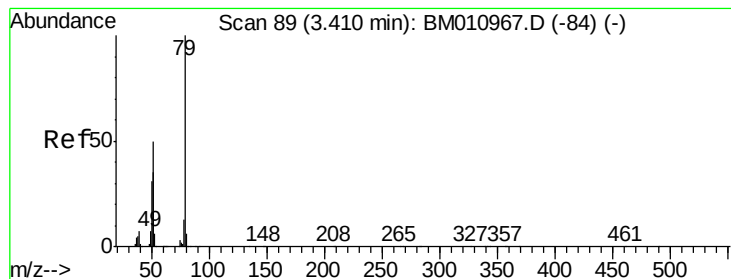


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 34.45 ng

RT: 3.29 min Scan# 86

Delta R.T. -0.01 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

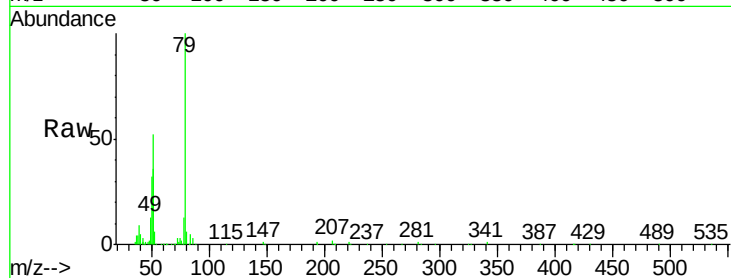
Tot Ion: 79 Resp: 339297

Ion Ratio Lower Upper

79 100

52 52.3 51.1 76.7

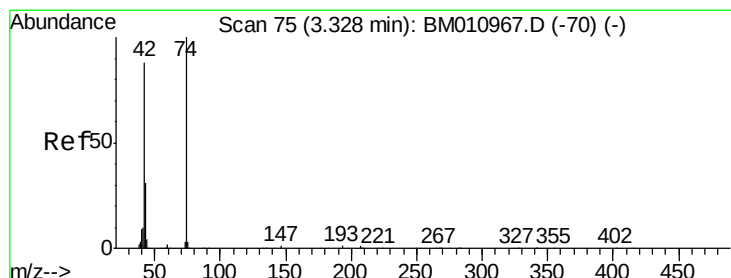
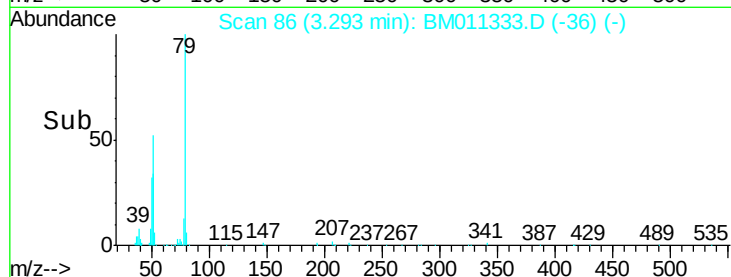
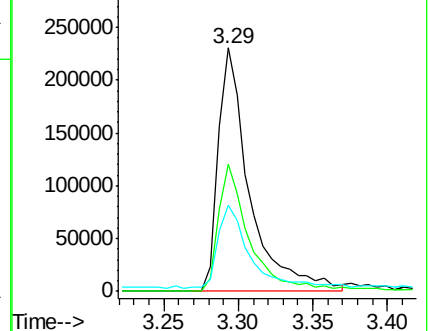
51 35.5 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM011333.D (-36) (-)

Ion 52.00 (51.70 to 52.70): BM011333.D (-36) (-)

Ion 51.00 (50.70 to 51.70): BM011333.D (-36) (-)



#4

n-Nitrosodimethylamine

Concen: 53.41 ng

RT: 3.20 min Scan# 71

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

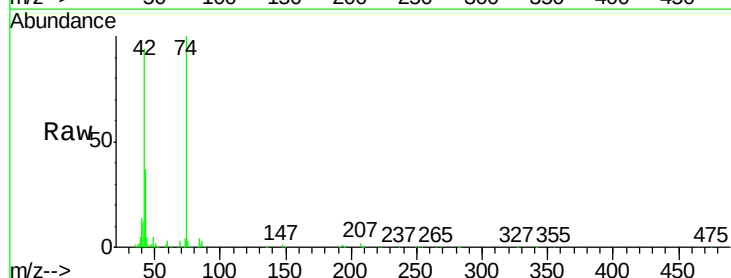
Tgt Ion: 42 Resp: 268122

Ion Ratio Lower Upper

42 100

74 106.3 119.3 178.9#

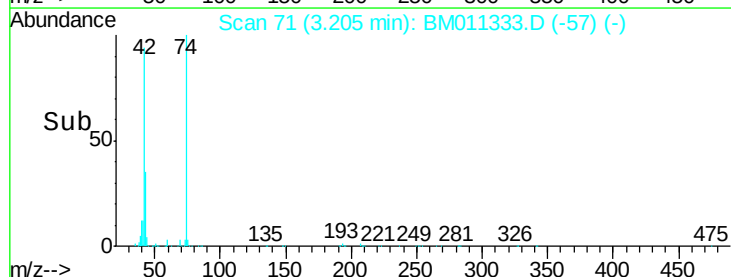
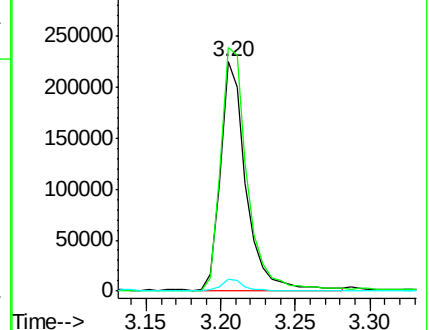
44 5.0 5.4 8.2#

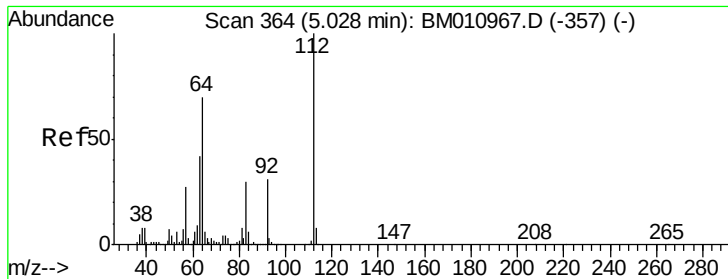


Abundance Ion 42.00 (41.70 to 42.70): BM011333.D (-57) (-)

Ion 74.00 (73.70 to 74.70): BM011333.D (-57) (-)

Ion 44.00 (43.70 to 44.70): BM011333.D (-57) (-)





#5

2-Fluorophenol

Concen: 130.82 ng

RT: 4.91 min Scan# 361

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

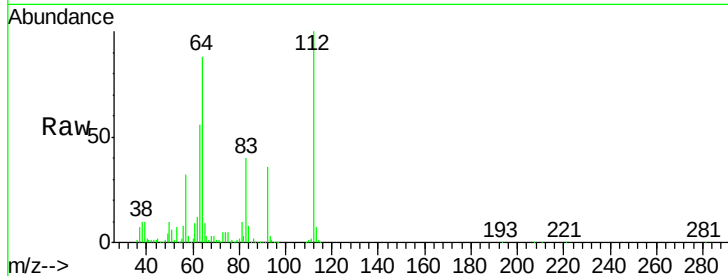
Tot Ion:112 Resp: 1050708

Ion Ratio Lower Upper

112 100

64 88.2 38.6 57.8#

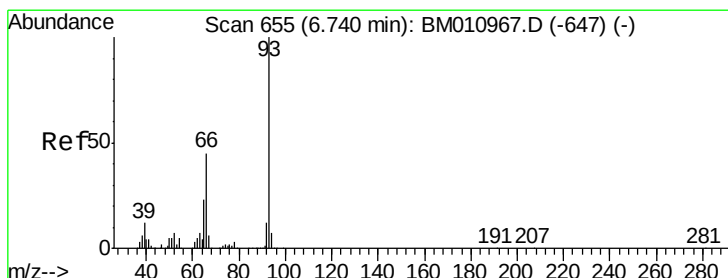
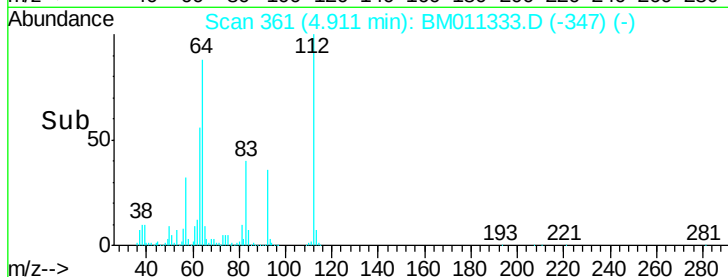
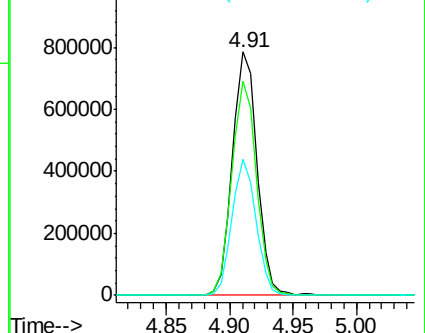
63 55.8 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 22.95 ng

RT: 6.62 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

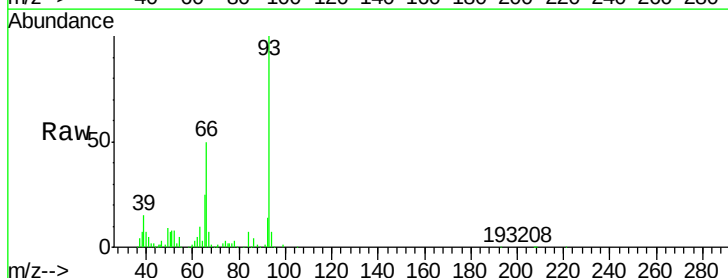
Tgt Ion: 93 Resp: 330023

Ion Ratio Lower Upper

93 100

66 49.6 30.8 46.2#

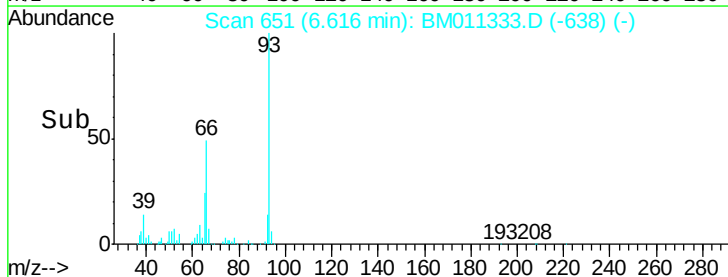
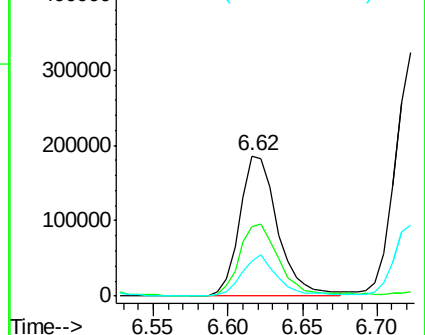
65 24.5 16.0 24.0#

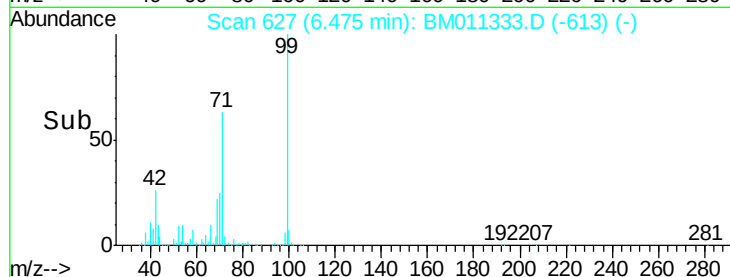
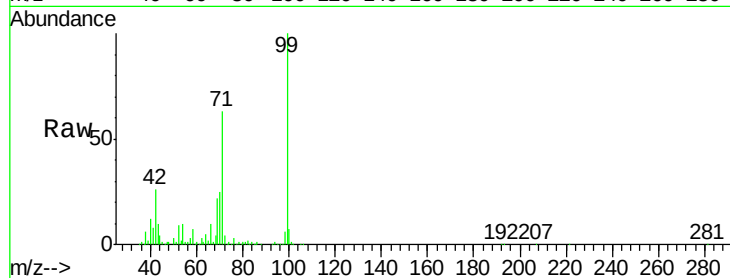
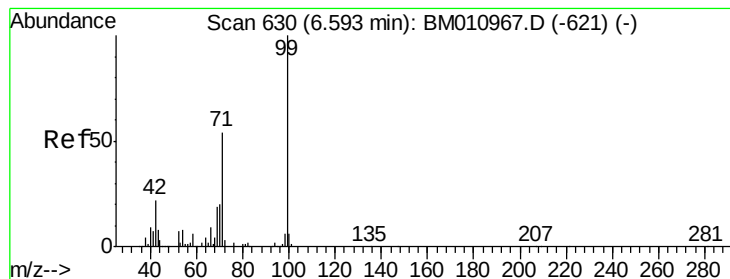


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 124.20 ng

RT: 6.48 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

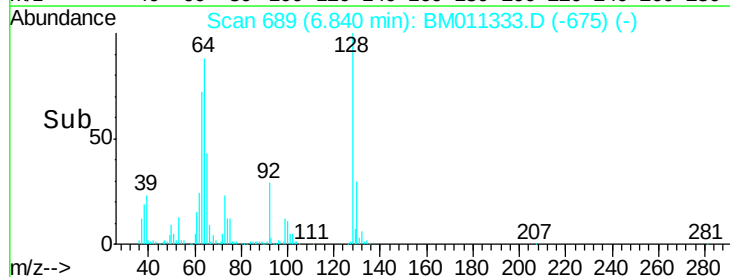
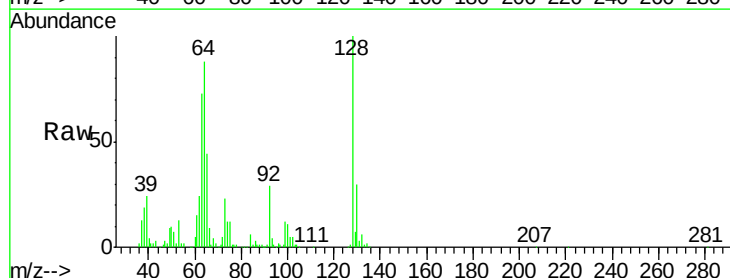
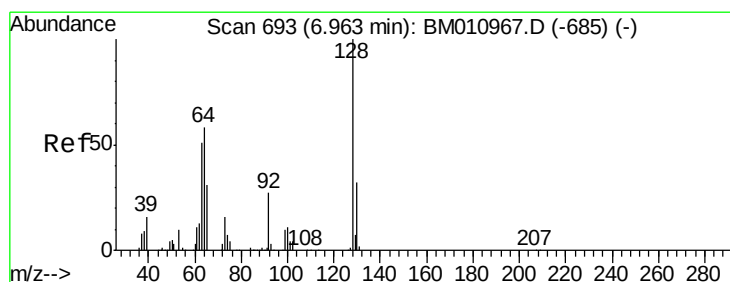
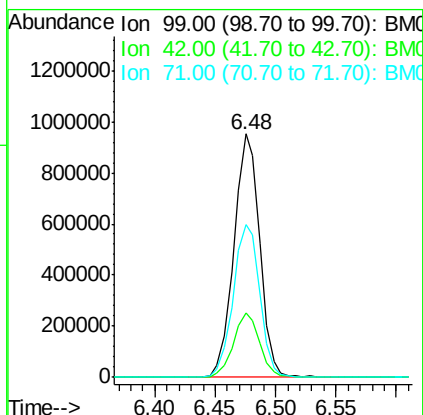
Tot Ion: 99 Resp: 1417254

Ion Ratio Lower Upper

99 100

42 26.4 11.0 16.4#

71 62.8 23.4 35.2#



#8

2-Chlorophenol

Concen: 40.31 ng

RT: 6.84 min Scan# 689

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

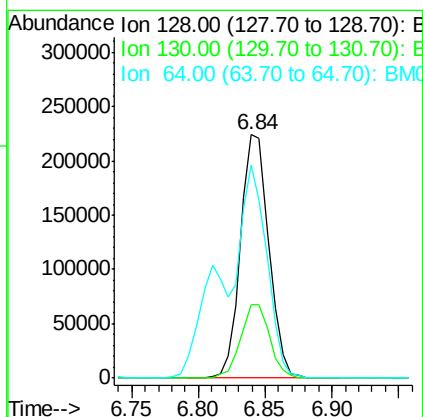
Tgt Ion: 128 Resp: 328731

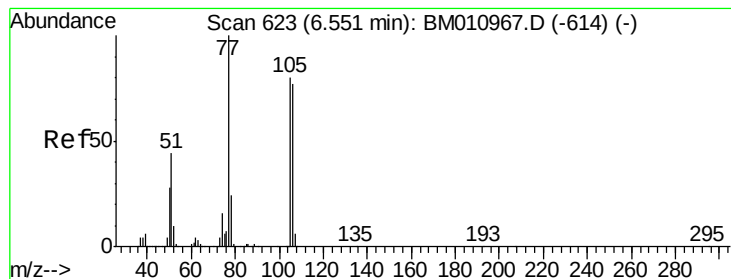
Ion Ratio Lower Upper

128 100

130 30.4 12.0 52.0

64 87.7 24.9 64.9#





#9

Benzaldehyde

Concen: 43.11 ng

RT: 6.43 min Scan# 619

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

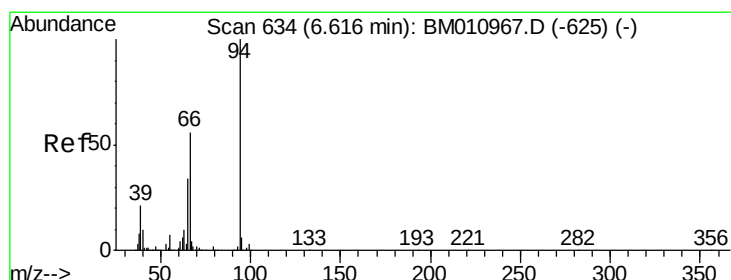
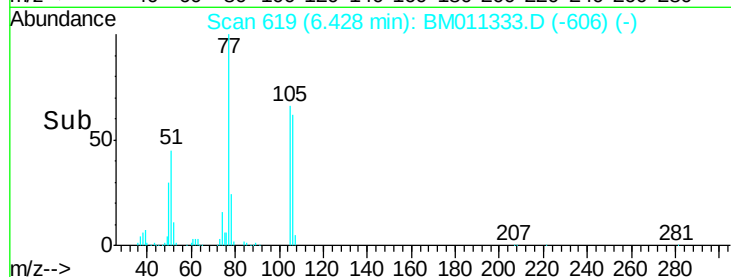
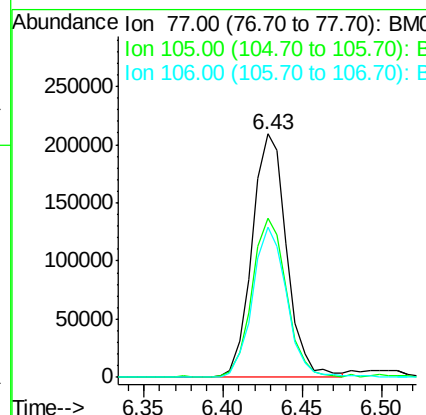
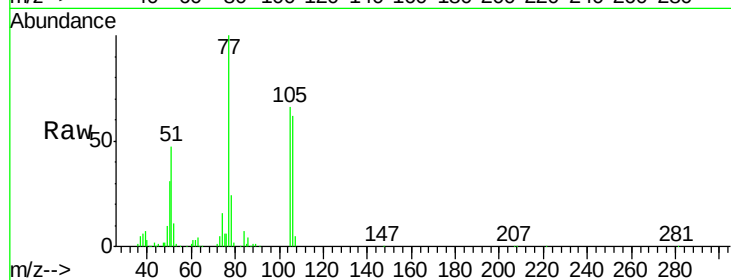
Tot Ion: 77 Resp: 318321

Ion Ratio Lower Upper

77 100

105 65.5 78.8 118.8#

106 61.7 73.7 113.7#



#10

Phenol

Concen: 39.26 ng

RT: 6.50 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

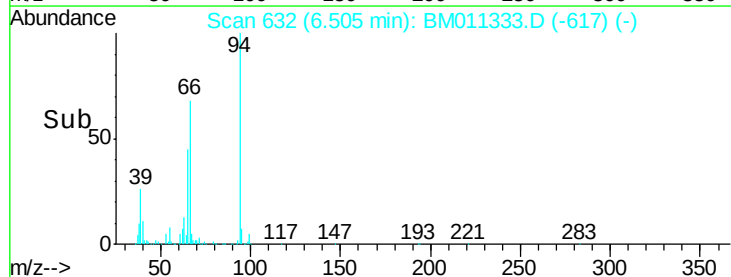
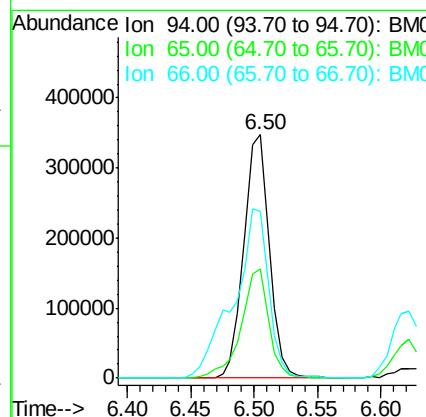
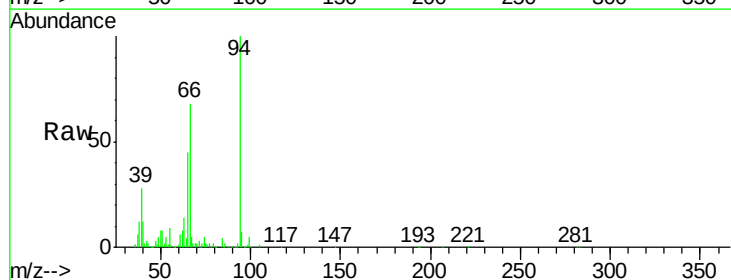
Tgt Ion: 94 Resp: 486627

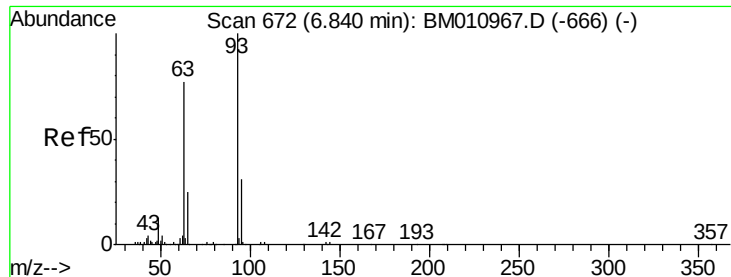
Ion Ratio Lower Upper

94 100

65 44.8 18.8 58.8

66 68.3 39.9 79.9

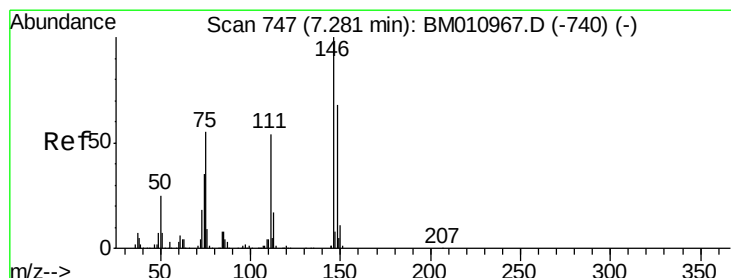
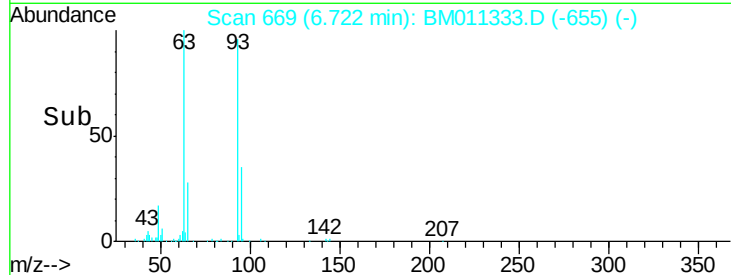
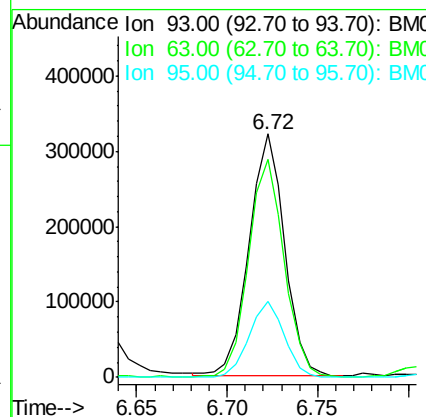
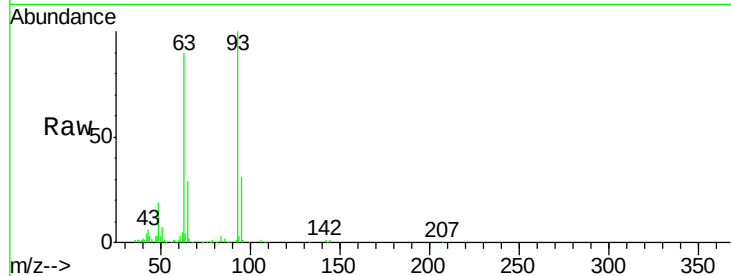




#11
 bis(2-Chloroethyl)ether
 Concen: 45.06 ng
 RT: 6.72 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

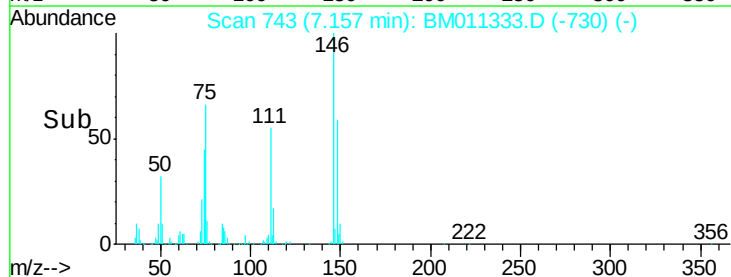
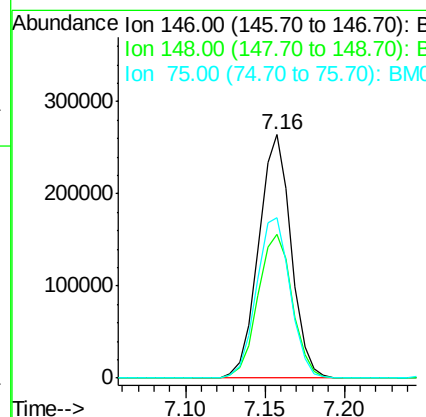
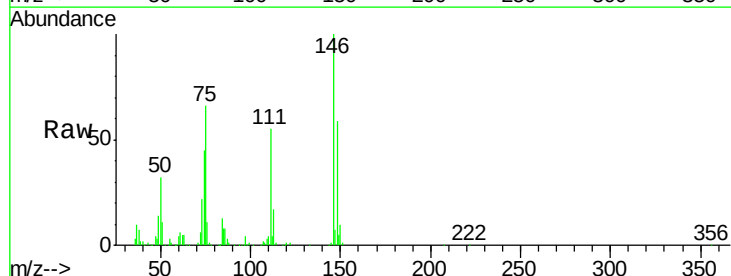
Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

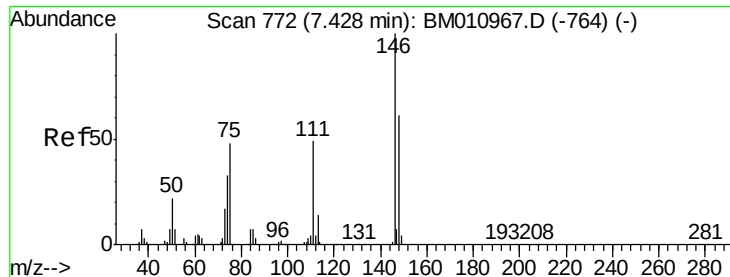
Tot Ion	Ratio	Lower	Upper
93	100		
63	89.8	49.5	89.5#
95	31.3	13.5	53.5



#12
 1,3-Dichlorobenzene
 Concen: 38.04 ng
 RT: 7.16 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.3	50.9	76.3
75	65.9	21.4	32.2#

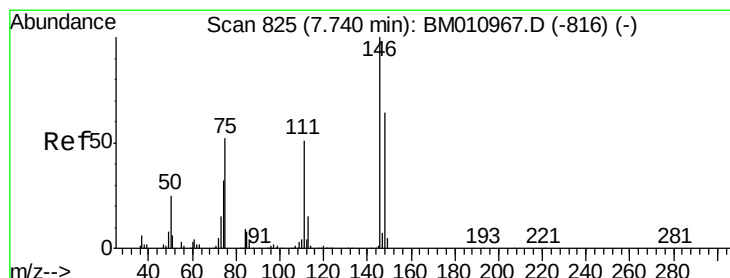
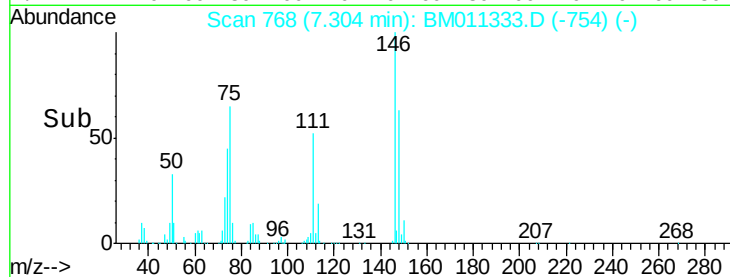
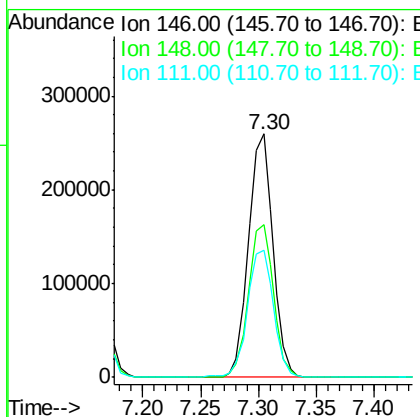
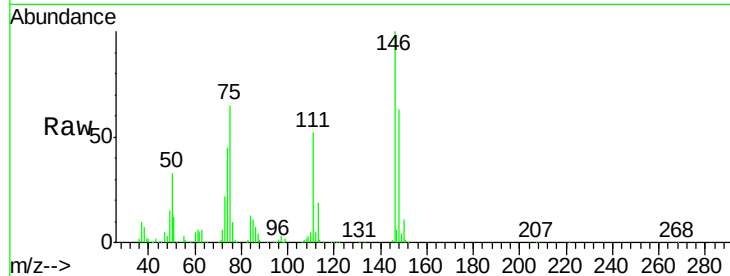




#13
 1,4-Dichlorobenzene
 Concen: 37.59 ng
 RT: 7.30 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

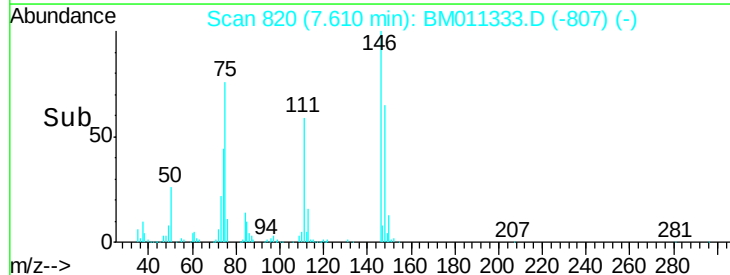
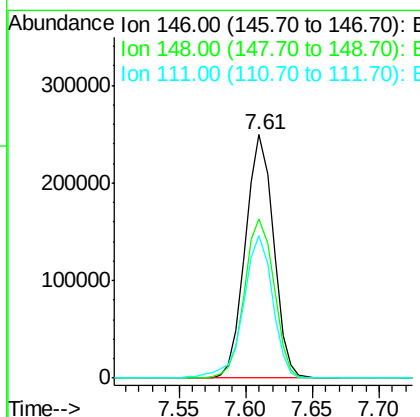
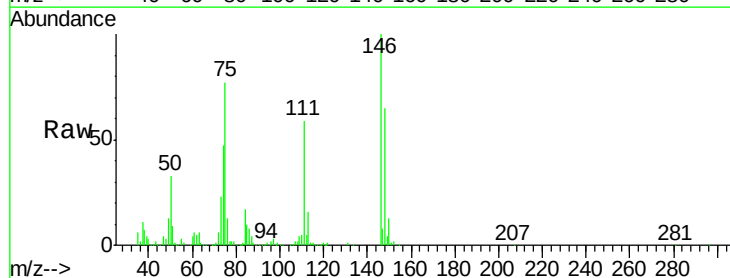
Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

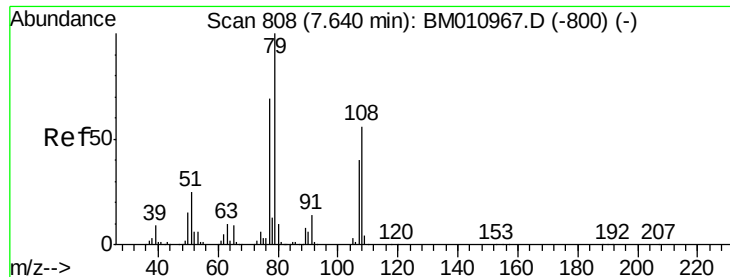
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.9	77.9
111	52.3	29.2	43.8



#14
 1,2-Dichlorobenzene
 Concen: 37.28 ng
 RT: 7.61 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.3	78.5
111	58.7	30.6	45.8





#15

Benzyl Alcohol

Concen: 50.68 ng

RT: 7.52 min Scan# 805

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

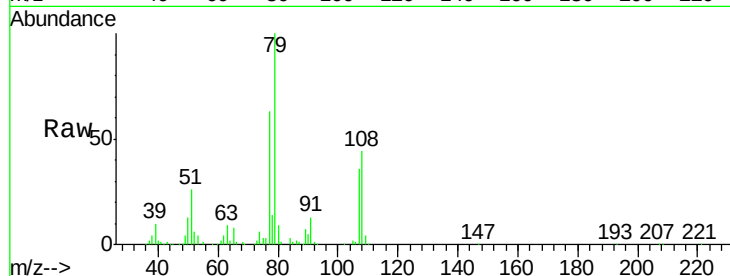
Tot Ion: 79 Resp: 554819

Ion Ratio Lower Upper

79 100

108 43.8 65.0 97.4#

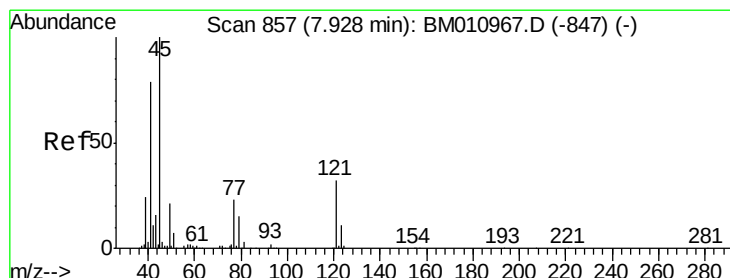
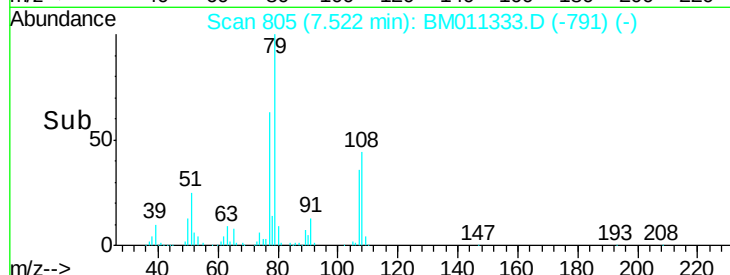
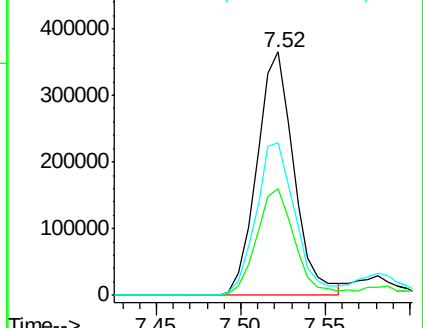
77 62.8 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM011333.D (-791) (-)

Ion 108.00 (107.70 to 108.70): BM011333.D (-839) (-)

Ion 77.00 (76.70 to 77.70): BM011333.D (-800) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 53.69 ng

RT: 7.80 min Scan# 853

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

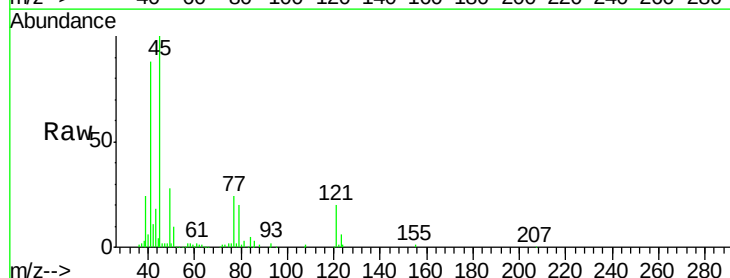
Tgt Ion: 45 Resp: 466591

Ion Ratio Lower Upper

45 100

77 24.0 0.0 35.2

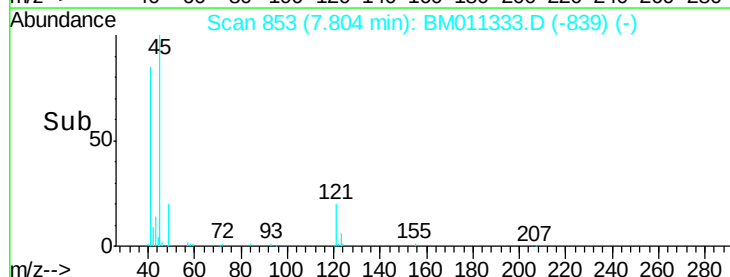
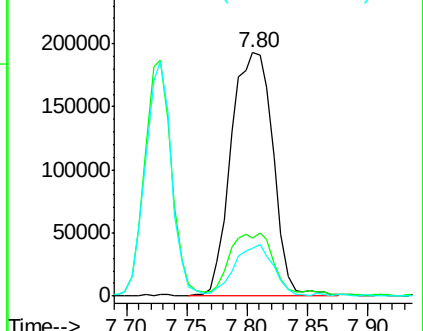
79 19.8 0.0 32.0

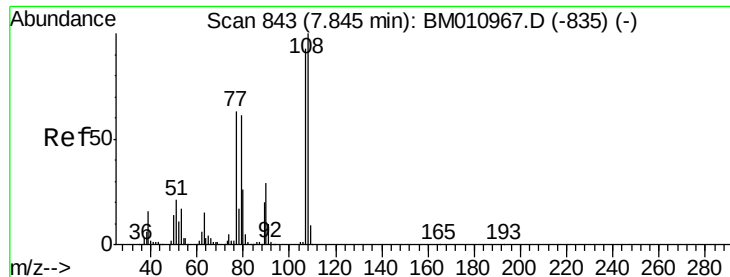


Abundance Ion 45.00 (44.70 to 45.70): BM011333.D (-839) (-)

Ion 77.00 (76.70 to 77.70): BM011333.D (-800) (-)

Ion 79.00 (78.70 to 79.70): BM011333.D (-847) (-)





#17

2-Methylphenol

Concen: 43.80 ng

RT: 7.73 min Scan# 840

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

Tot Ion:107 Resp: 346965

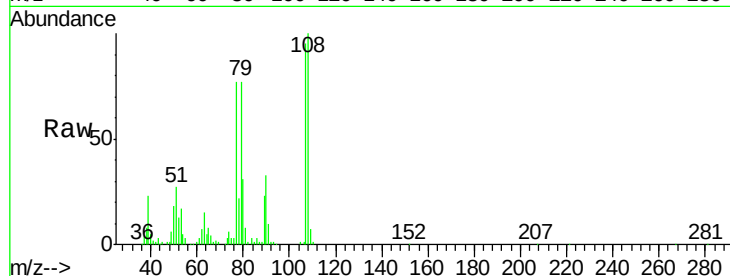
Ion Ratio Lower Upper

107 100

108 104.8 89.8 134.8

77 80.8 32.6 48.8#

79 80.5 32.8 49.2#

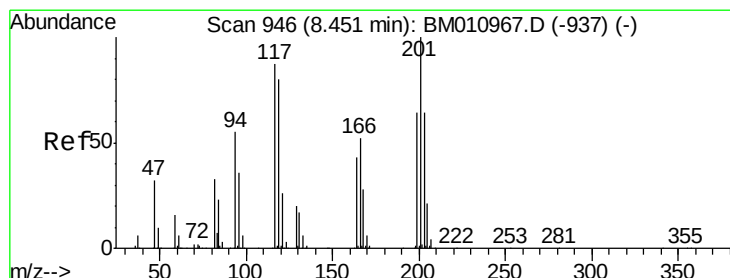
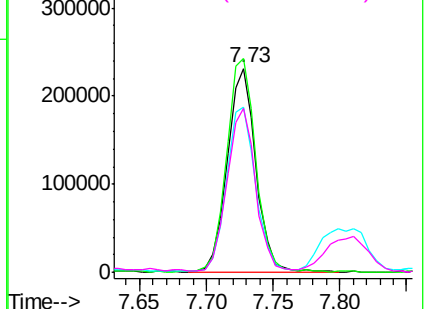
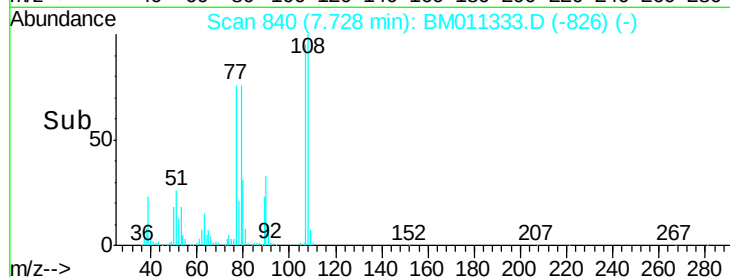


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 39.42 ng

RT: 8.32 min Scan# 940

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

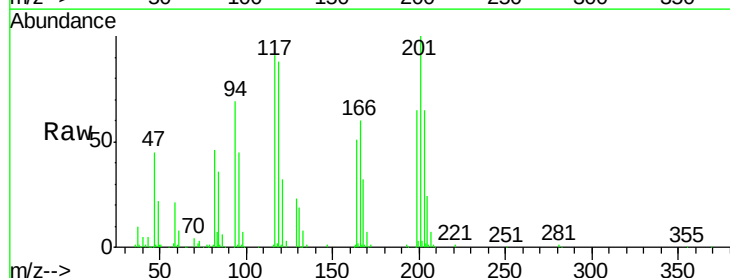
Tgt Ion:117 Resp: 175117

Ion Ratio Lower Upper

117 100

119 96.8 79.2 118.8

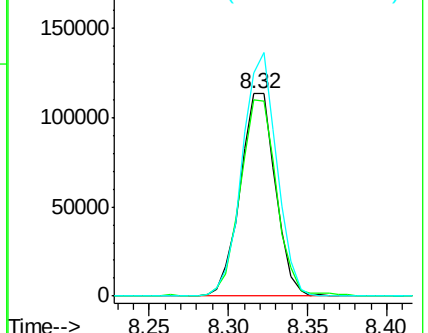
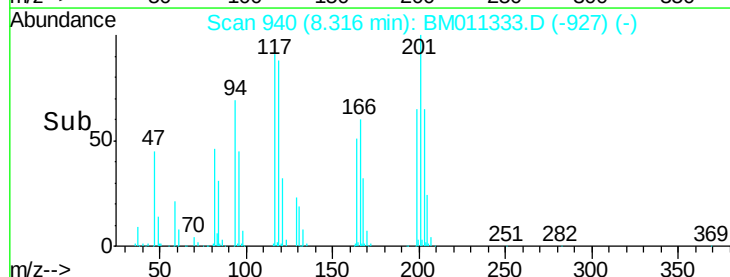
201 110.3 69.8 104.6#

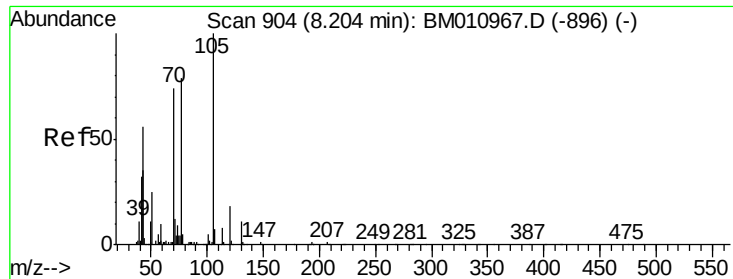


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

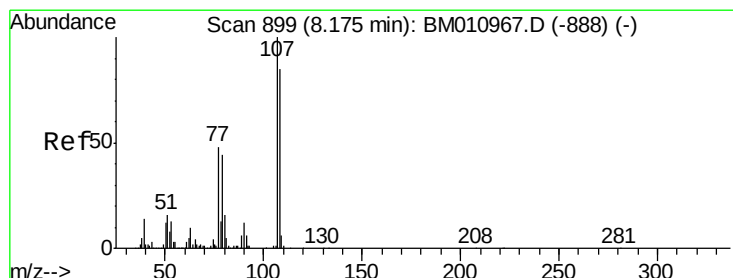
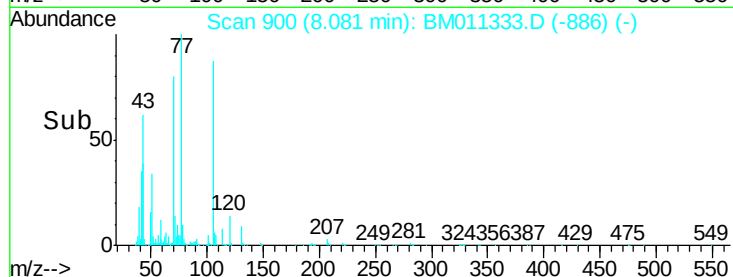
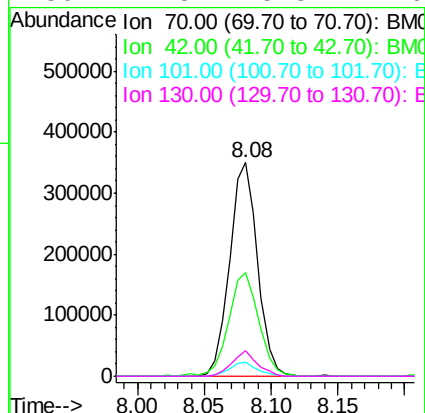
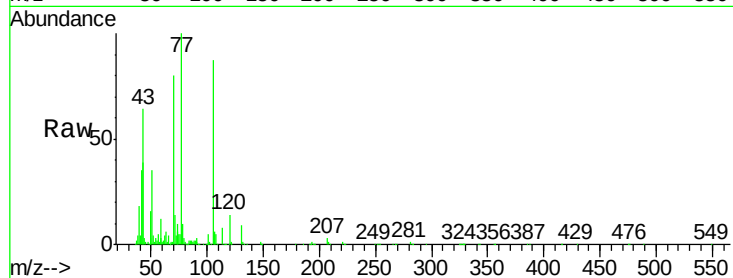




#19
n-Nitroso-di-n-propylamine
Concen: 52.69 ng
RT: 8.08 min Scan# 900
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

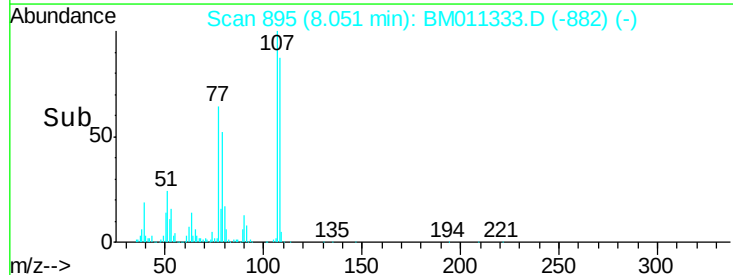
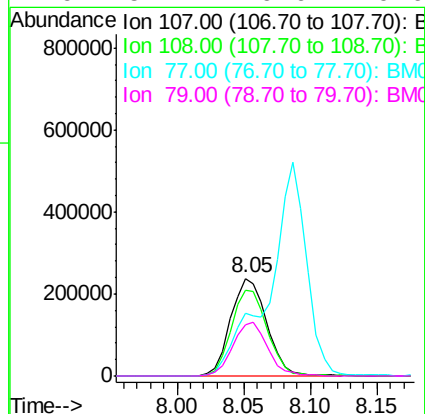
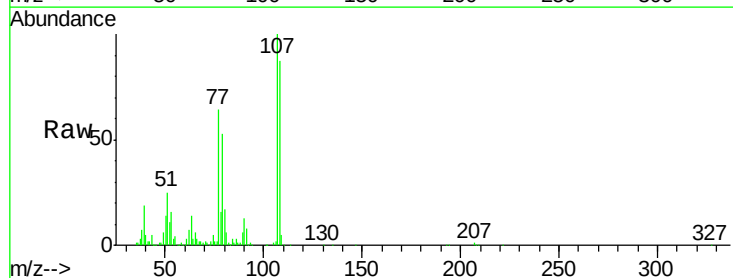
Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

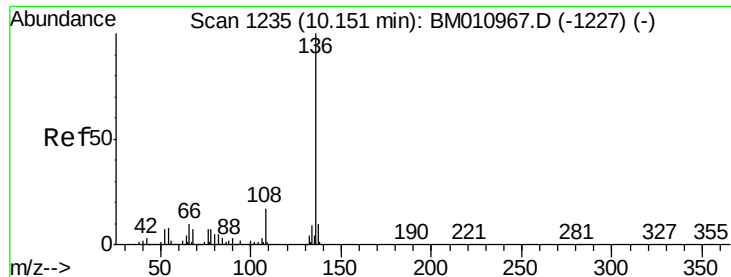
Tot Ion:	70	Resp:	510922
Ion	Ratio	Lower	Upper
70	100		
42	48.4	44.5	66.7
101	6.7	7.4	11.2#
130	11.8	15.3	22.9#



#20
3+4-Methylphenols
Concen: 40.71 ng
RT: 8.05 min Scan# 895
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion:	107	Resp:	448309
Ion	Ratio	Lower	Upper
107	100		
108	87.4	73.2	113.2
77	64.1	10.7	50.7#
79	52.7	9.6	49.6#

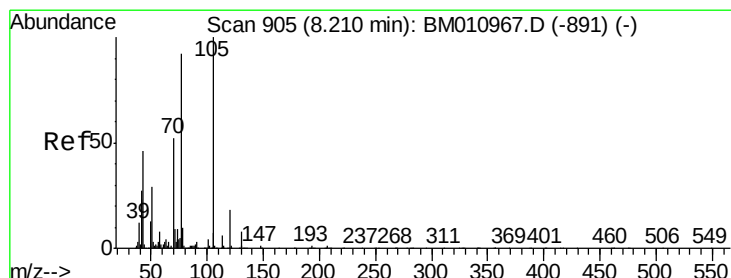
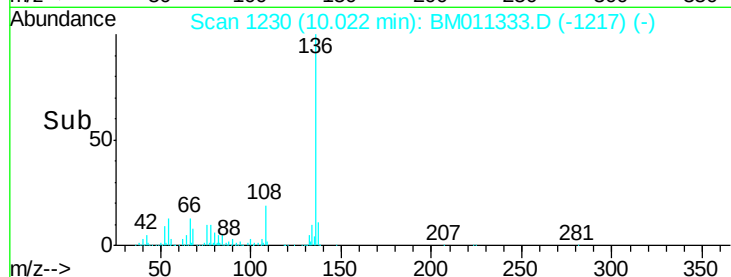
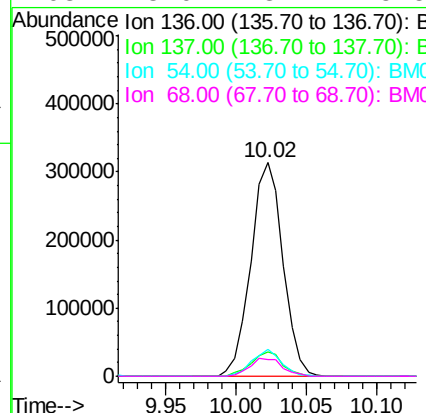
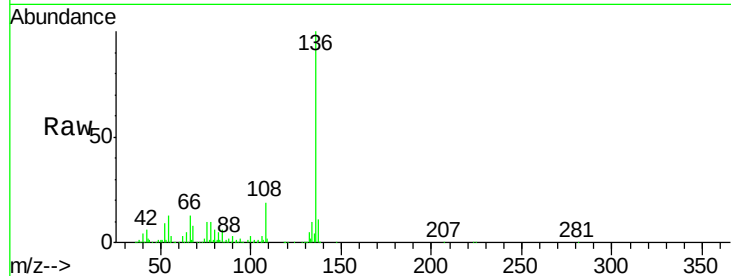




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.02 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

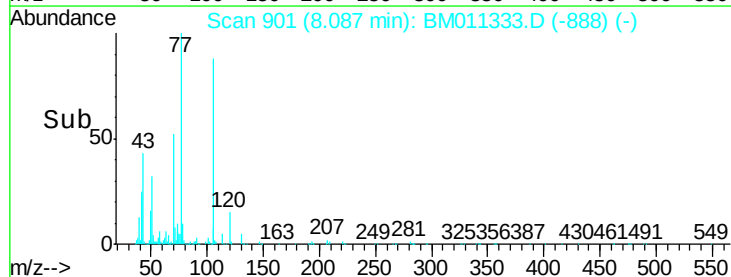
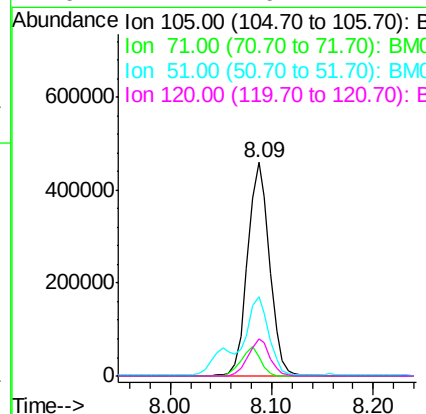
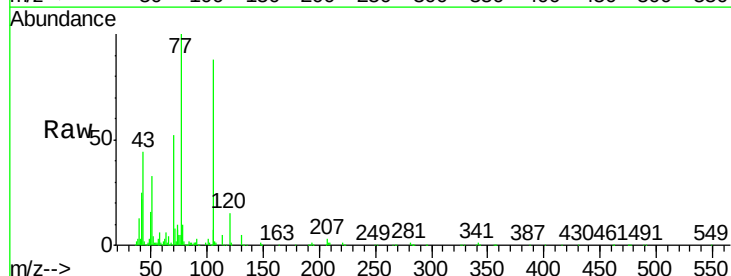
Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

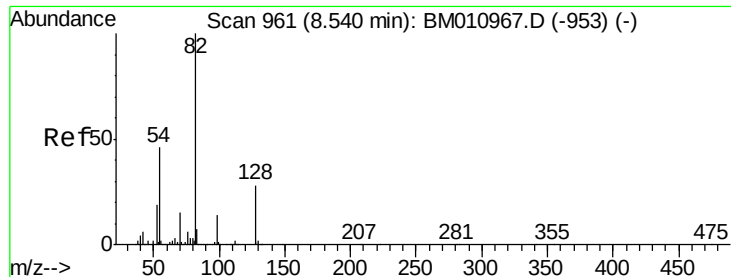
Tot Ion:136	Resp:	501050
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.7 13.1
54	12.6	4.6 6.8#
68	8.0	3.7 5.5#



#22
Acetophenone
Concen: 46.16 ng
RT: 8.09 min Scan# 901
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion:105	Resp:	693274
Ion Ratio	Lower	Upper
105	100	
71	8.9	0.6 1.0#
51	37.3	21.6 32.4#
120	17.2	16.1 24.1





#23

Nitrobenzene-d5

Concen: 111.73 ng

RT: 8.42 min Scan# 957

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

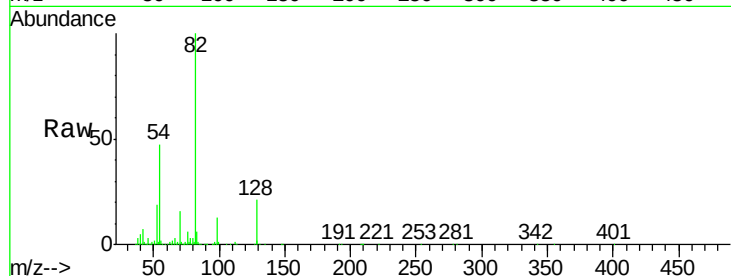
Tot Ion: 82 Resp: 1491654

Ion Ratio Lower Upper

82 100

128 21.0 32.8 49.2#

54 46.7 40.6 60.8

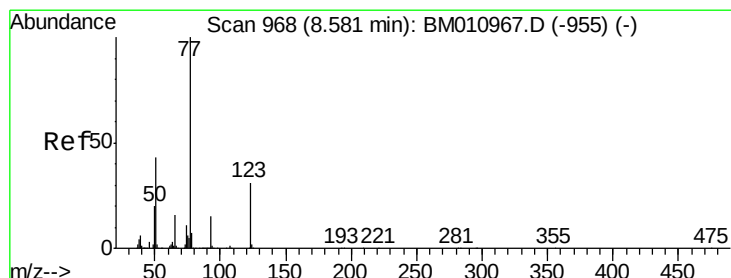
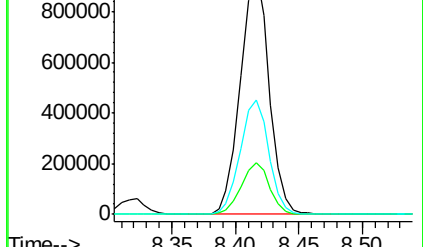
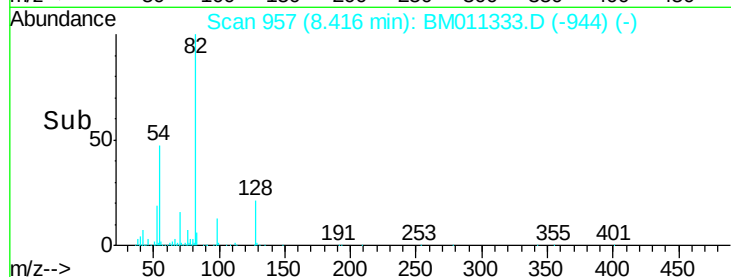


Abundance Ion 82.00 (81.70 to 82.70): BM011333.D (-944) (-)

Ion 128.00 (127.70 to 128.70): BM011333.D (-944) (-)

Ion 54.00 (53.70 to 54.70): BM011333.D (-944) (-)

Time-->



#24

Nitrobenzene

Concen: 53.36 ng

RT: 8.46 min Scan# 964

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

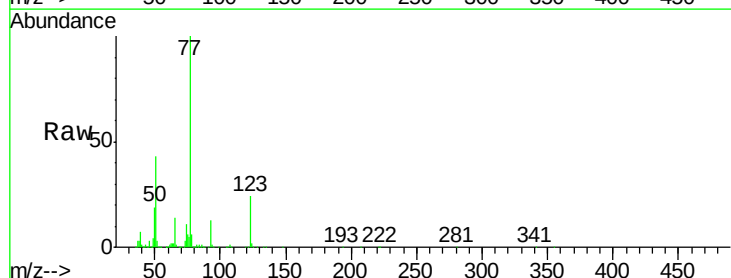
Tgt Ion: 77 Resp: 738119

Ion Ratio Lower Upper

77 100

123 23.8 32.6 49.0#

65 13.7 10.9 16.3

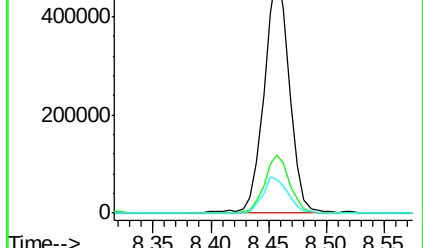
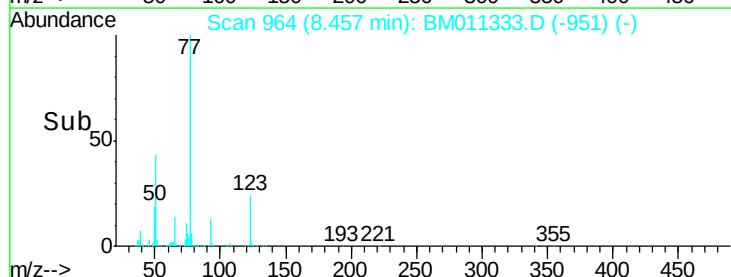


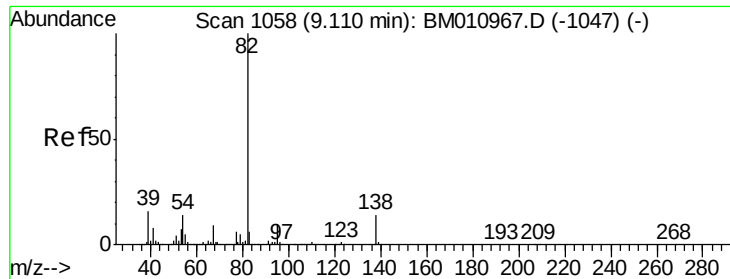
Abundance Ion 77.00 (76.70 to 77.70): BM011333.D (-951) (-)

Ion 123.00 (122.70 to 123.70): BM011333.D (-951) (-)

Ion 65.00 (64.70 to 65.70): BM011333.D (-951) (-)

Time-->

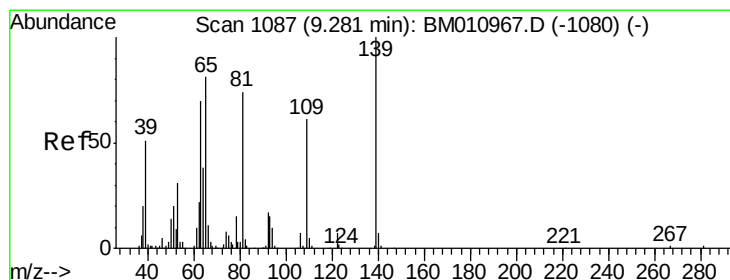
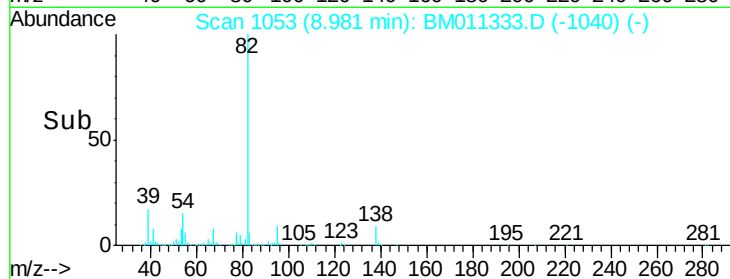
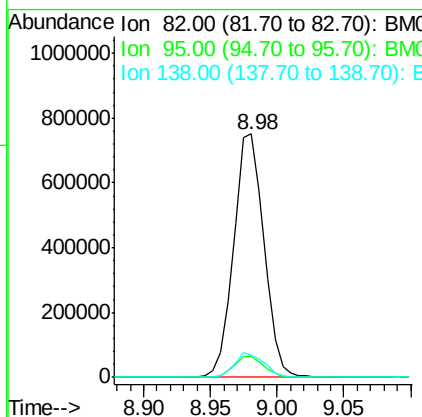
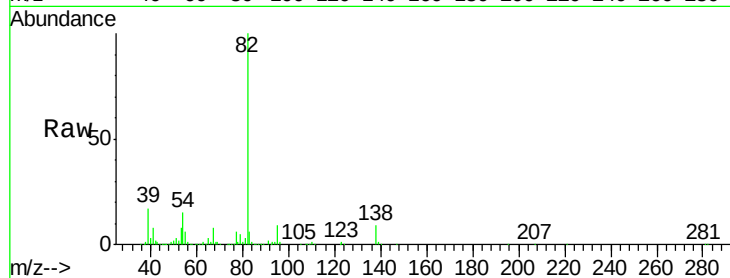




#25
Isophorone
Concen: 53.38 ng
RT: 8.98 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

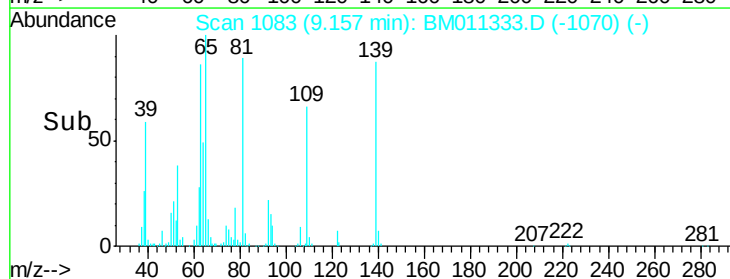
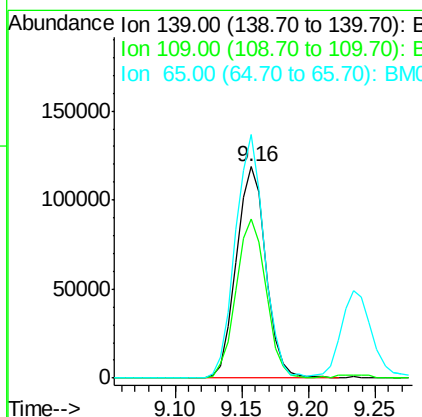
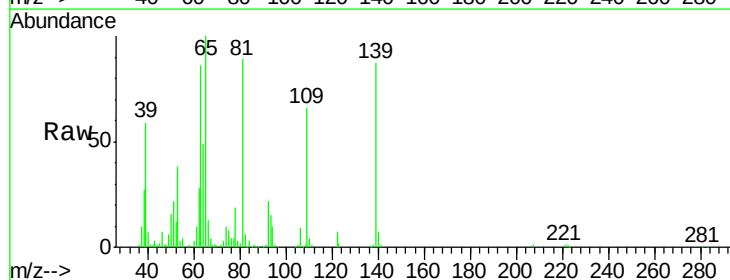
Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

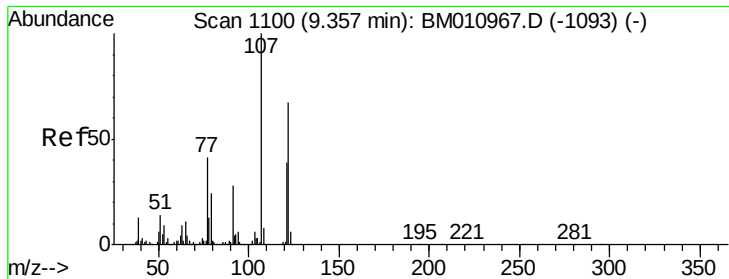
Tot Ion: 82 Resp: 1188223
Ion Ratio Lower Upper
82 100
95 8.8 5.8 8.6#
138 9.3 16.3 24.5#



#26
2-Nitrophenol
Concen: 41.45 ng
RT: 9.16 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion: 139 Resp: 182434
Ion Ratio Lower Upper
139 100
109 75.7 20.1 30.1#
65 115.3 31.5 47.3#

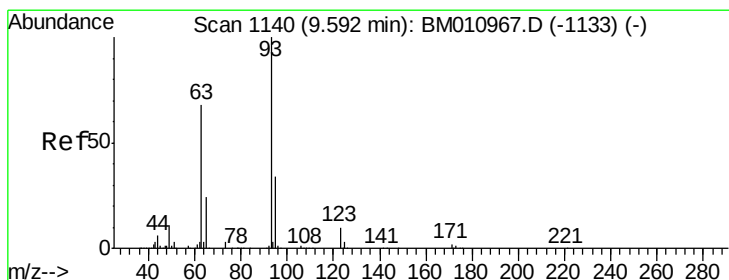
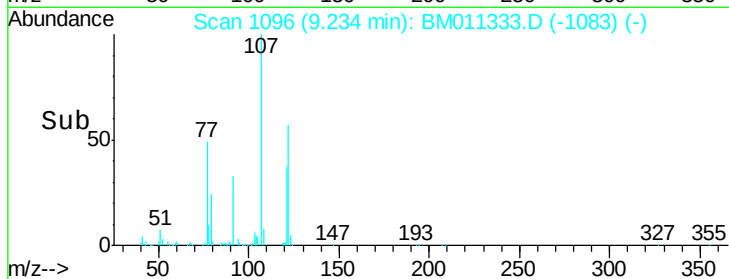
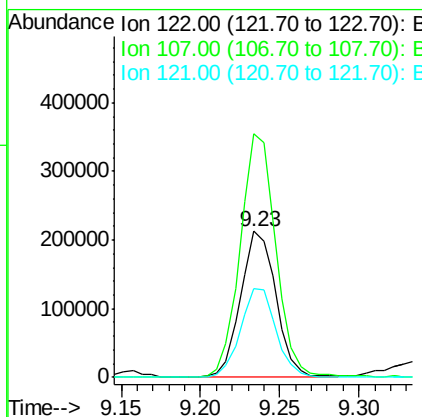
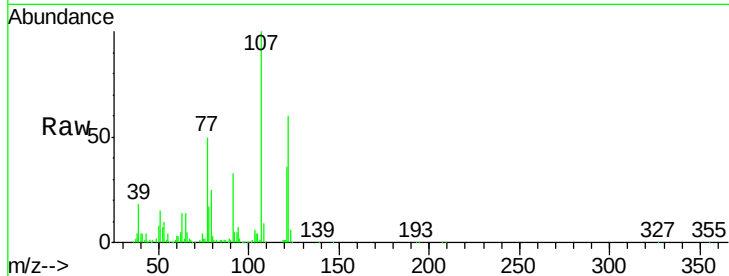




#27
2,4-Dimethylphenol
Concen: 42.77 ng
RT: 9.23 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

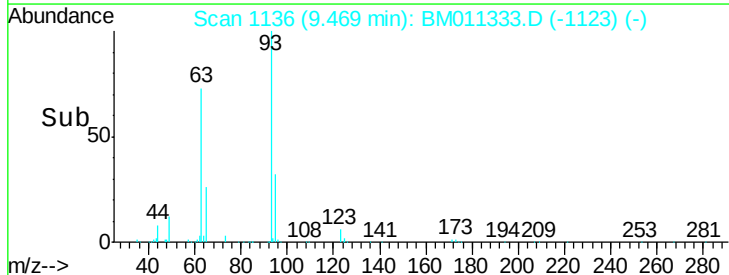
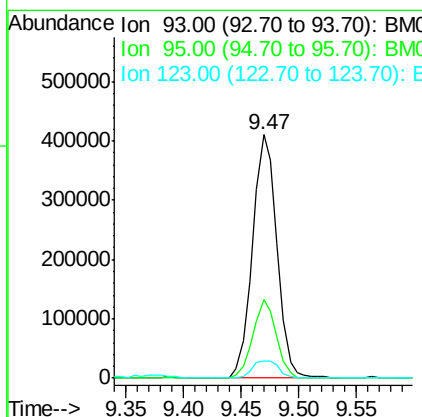
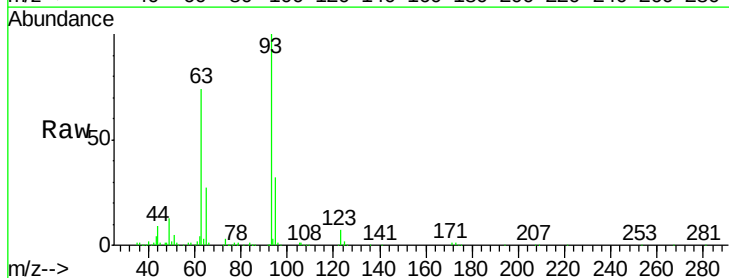
Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

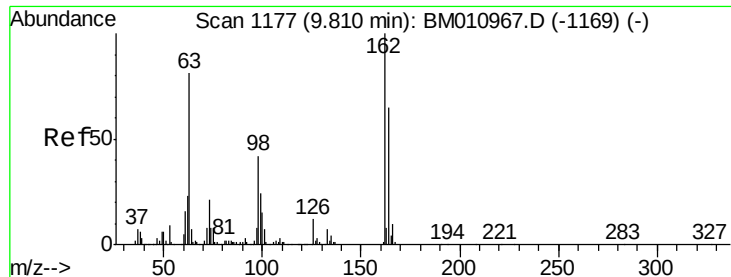
Tot Ion:122 Resp: 331396
Ion Ratio Lower Upper
122 100
107 167.1 84.7 127.1#
121 60.9 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 48.78 ng
RT: 9.47 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion: 93 Resp: 605636
Ion Ratio Lower Upper
93 100
95 32.1 25.5 38.3
123 7.0 8.6 13.0#

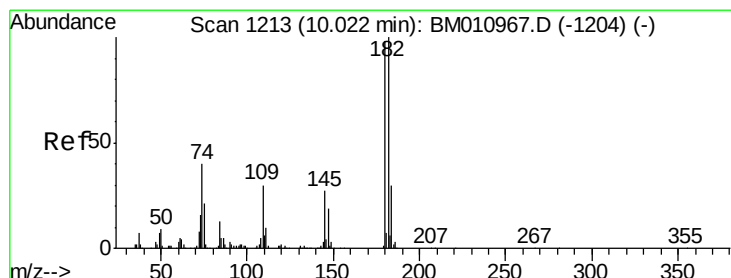
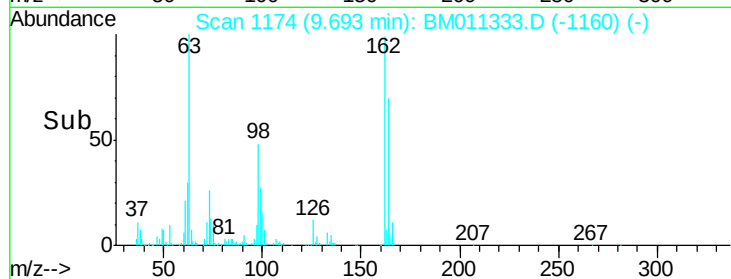
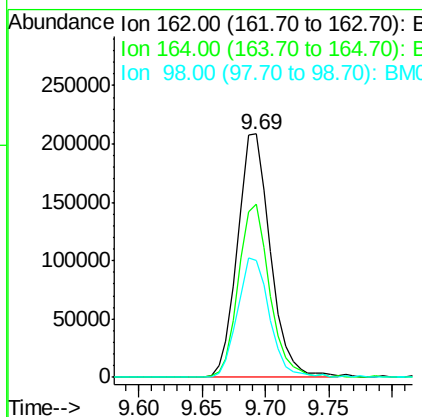
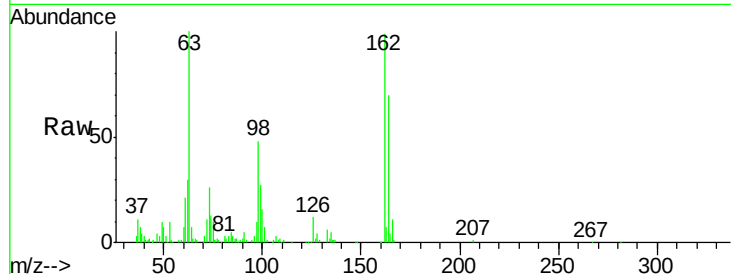




#29
 2,4-Dichlorophenol
 Concen: 43.18 ng
 RT: 9.69 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

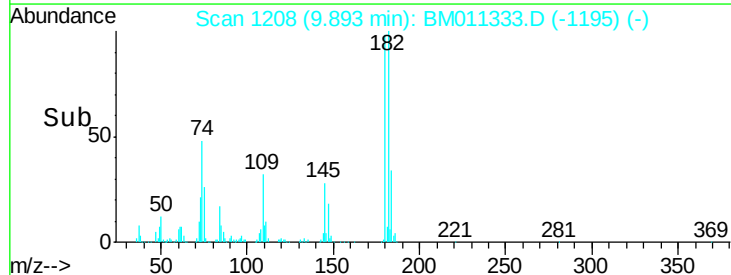
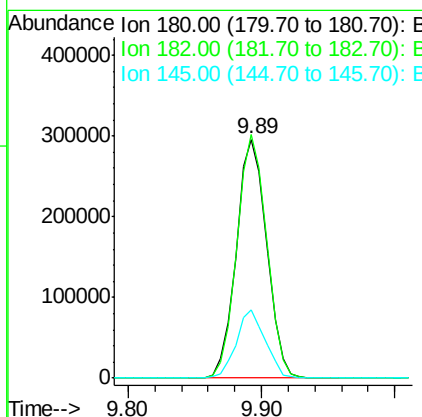
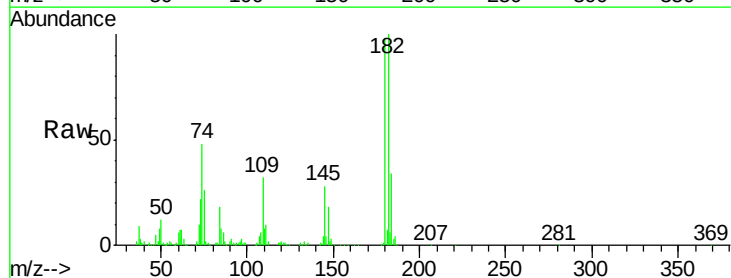
Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

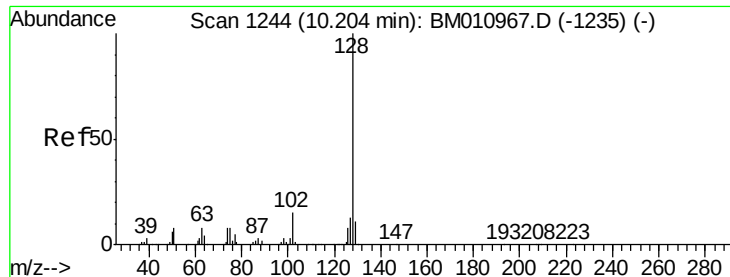
Tot Ion	Ratio	Lower	Upper
162	100		
164	71.0	42.8	82.8
98	47.9	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 43.31 ng
 RT: 9.89 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.8	77.6	116.4
145	28.6	23.4	35.2

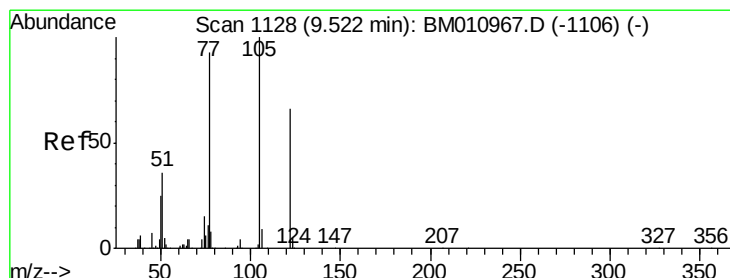
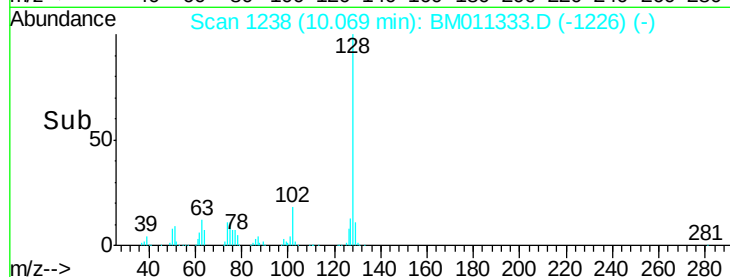
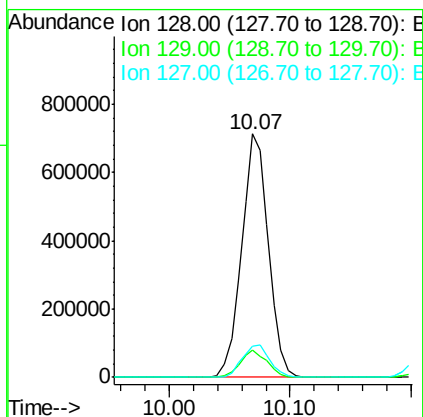
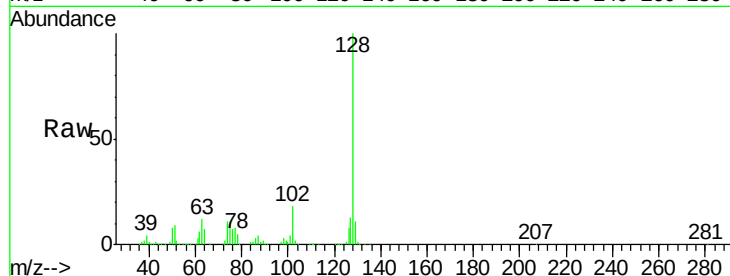




#31
Naphthalene
Concen: 43.59 ng
RT: 10.07 min Scan# 1238
Delta R.T. -0.03 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

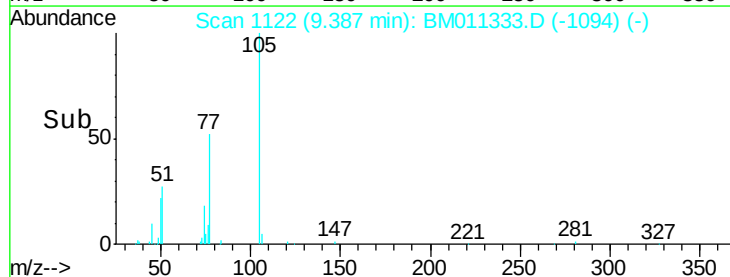
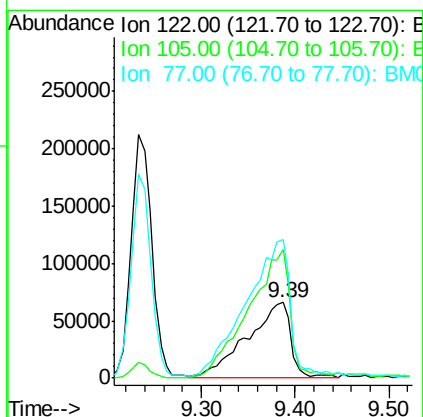
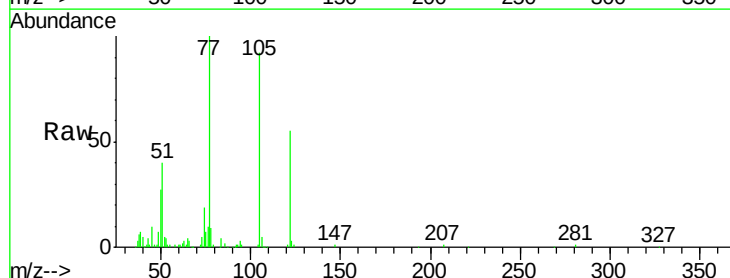
Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

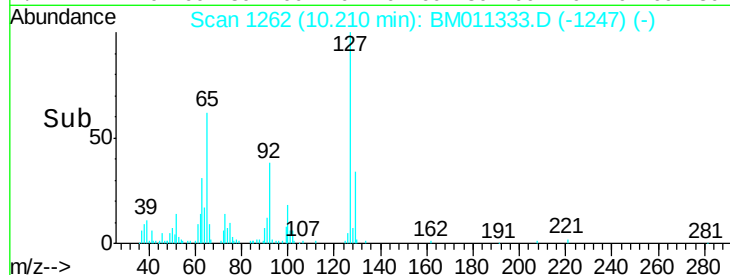
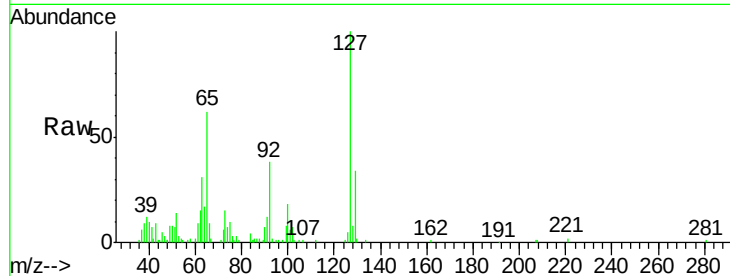
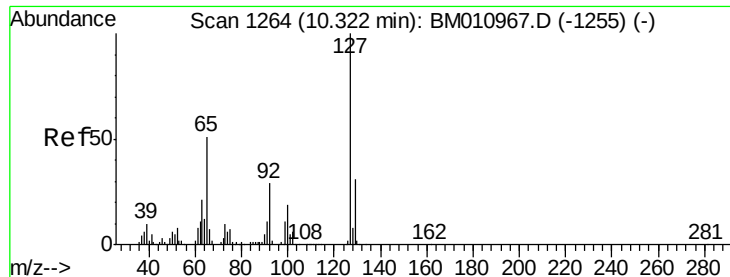
Tot Ion:128 Resp: 1098651
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 33.47 ng
RT: 9.39 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion:122 Resp: 208466
Ion Ratio Lower Upper
122 100
105 169.4 99.9 139.9#
77 183.5 73.7 113.7#

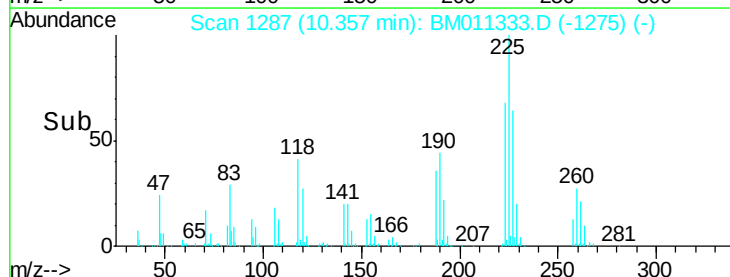
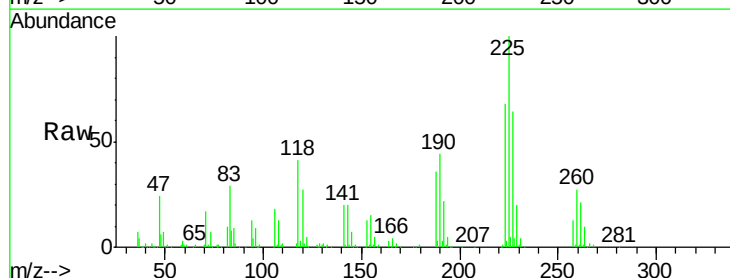
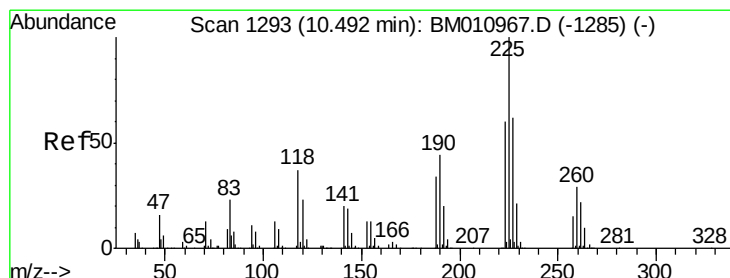
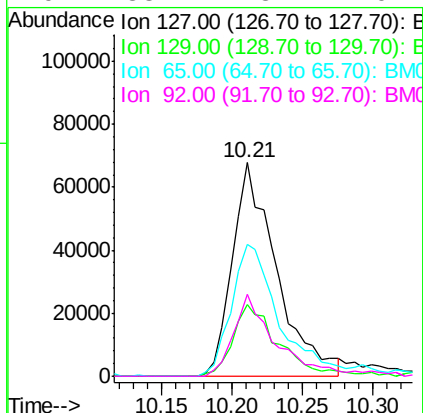




#33
4-Chloroaniline
Concen: 14.75 ng
RT: 10.21 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

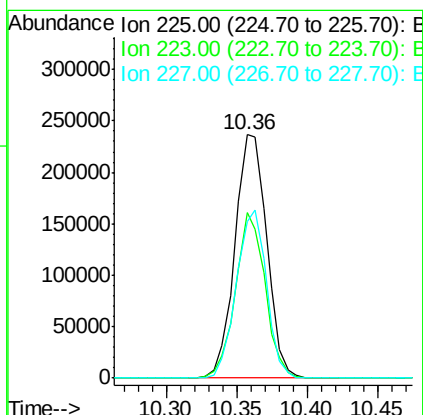
Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

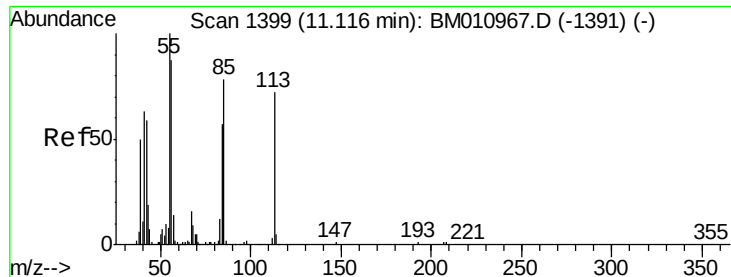
Tot Ion:	127	Resp:	148354
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.3	37.9
65	61.7	17.6	26.4#
92	38.2	13.1	19.7#



#34
Hexachlorobutadiene
Concen: 43.87 ng
RT: 10.36 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion:	225	Resp:	372000
Ion	Ratio	Lower	Upper
225	100		
223	68.3	47.9	71.9
227	64.3	50.1	75.1





#35

Caprolactam

Concen: 23.20 ng

RT: 11.00 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

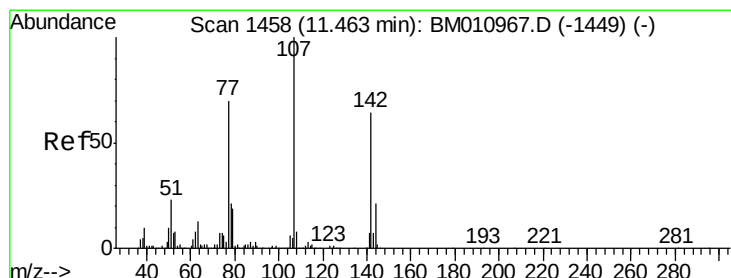
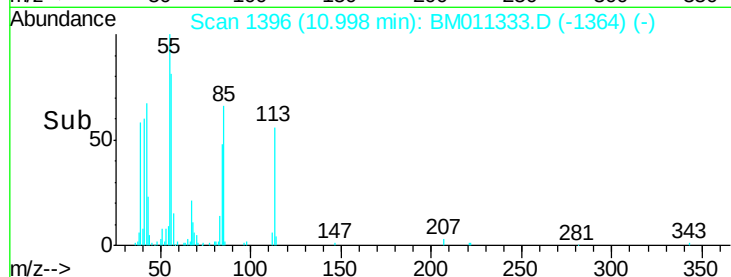
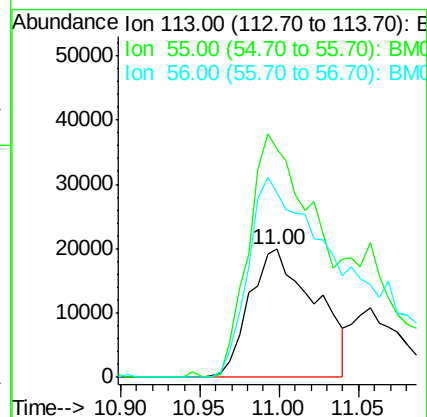
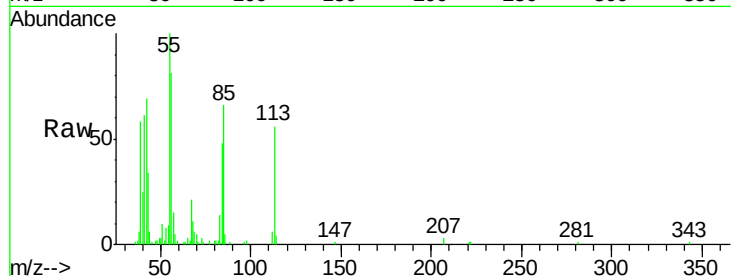
Tot Ion:113 Resp: 57288

Ion Ratio Lower Upper

113 100

55 178.6 145.9 185.9

56 144.7 101.0 141.0#



#36

4-Chloro-3-methylphenol

Concen: 43.60 ng

RT: 11.34 min Scan# 1454

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

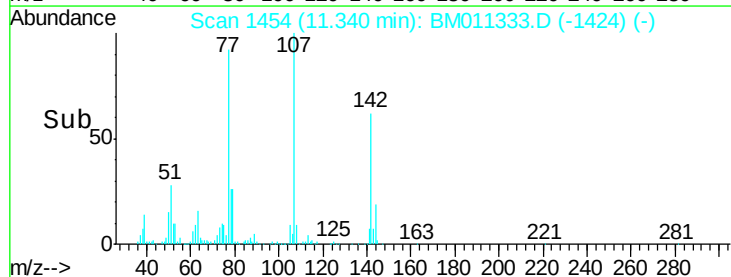
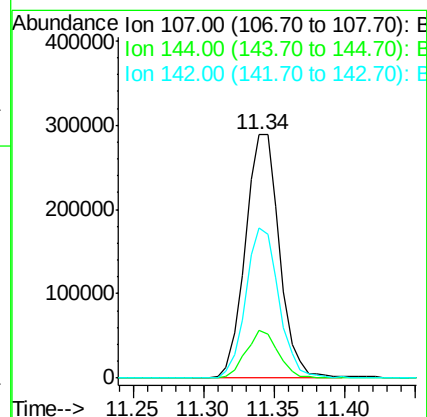
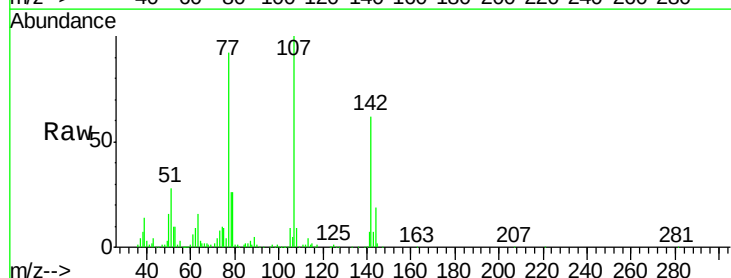
Tgt Ion:107 Resp: 490235

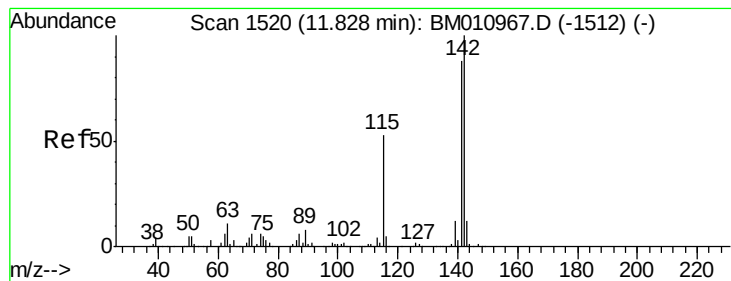
Ion Ratio Lower Upper

107 100

144 19.5 23.3 34.9#

142 61.9 72.6 109.0#

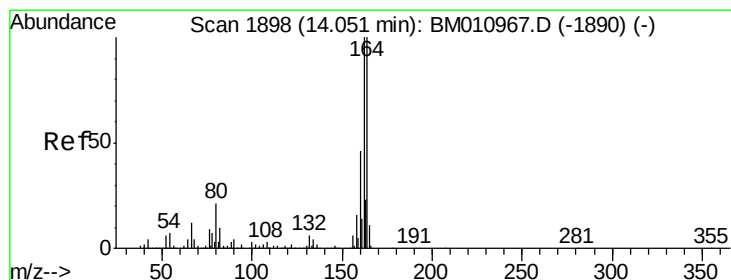
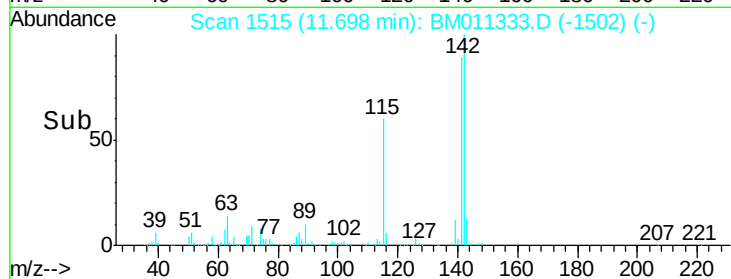
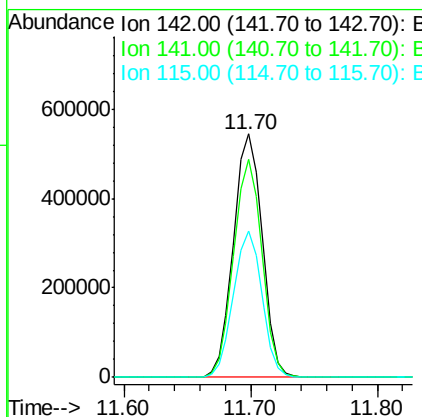
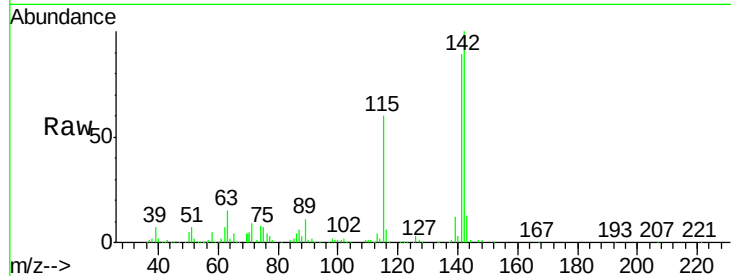




#37
2-Methylnaphthalene
Concen: 46.47 ng
RT: 11.70 min Scan# 1515
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

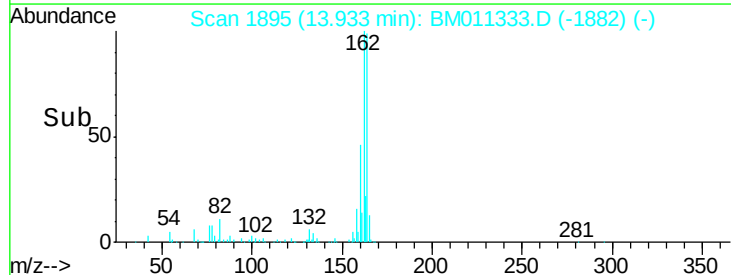
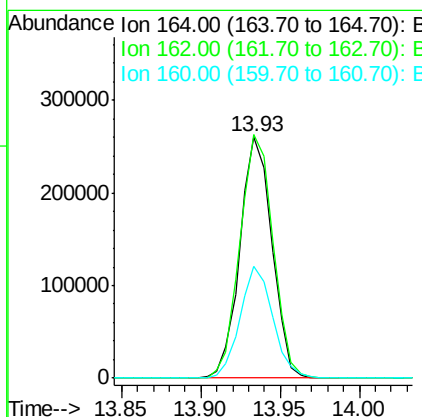
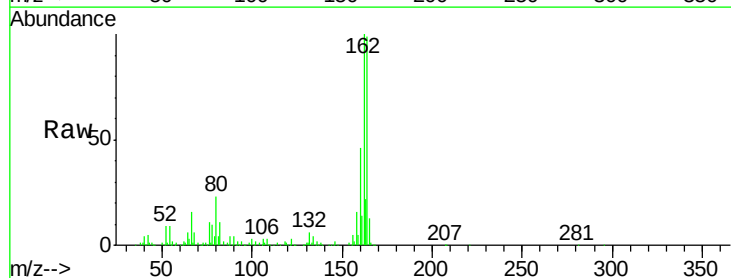
Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

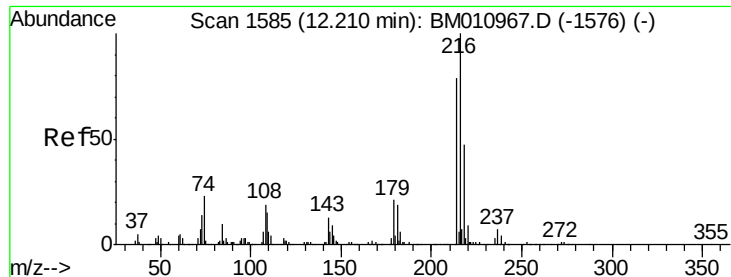
Tot Ion:142 Resp: 860441
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9
115 60.1 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 13.93 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion:164 Resp: 365222
Ion Ratio Lower Upper
164 100
162 101.0 82.4 123.6
160 46.3 35.8 53.6

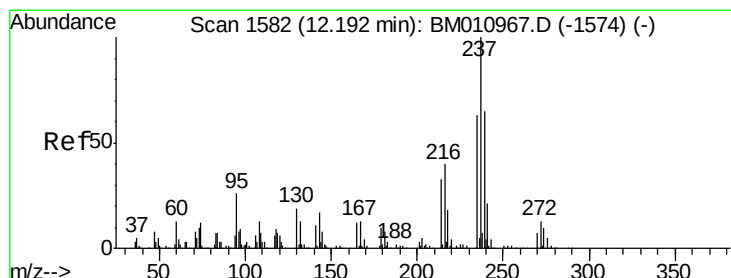
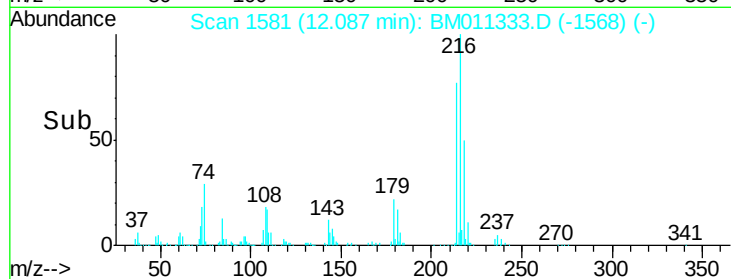
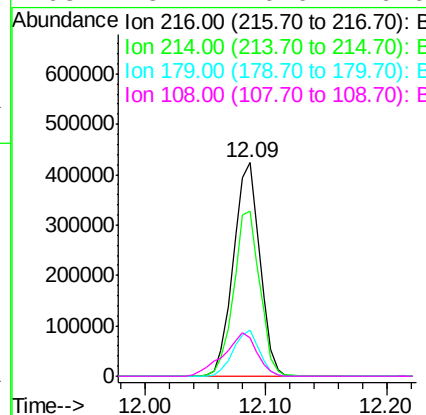
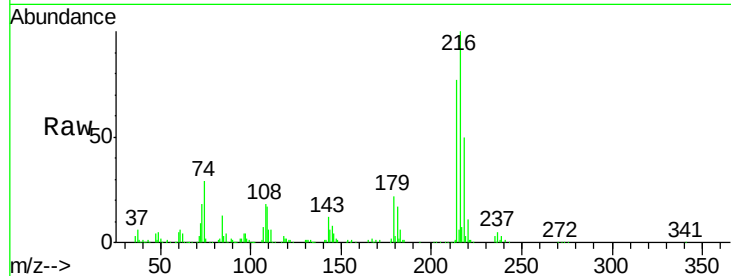




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.24 ng
 RT: 12.09 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

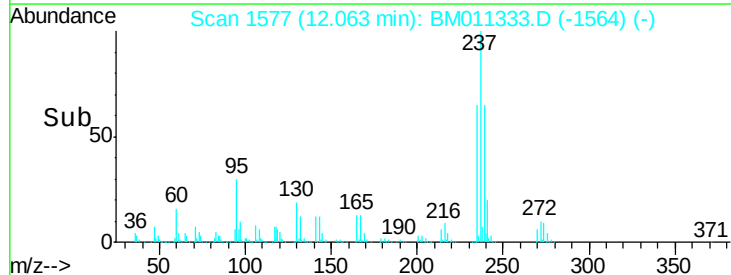
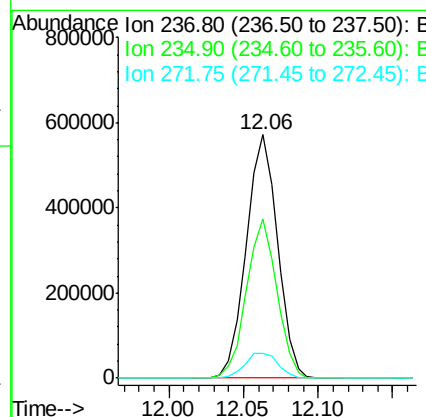
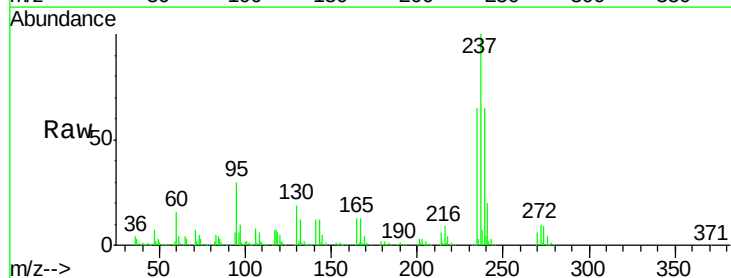
Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

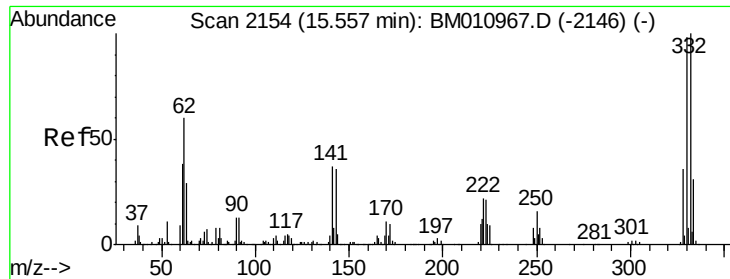
Tot Ion:	216	Resp:	647026
Ion	Ratio	Lower	Upper
216	100		
214	76.3	0.0	0.0#
179	21.1	0.0	0.0#
108	25.4	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 90.28 ng
 RT: 12.06 min Scan# 1577
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion:	237	Resp:	825476
Ion	Ratio	Lower	Upper
237	100		
235	65.5	42.0	82.0
272	10.4	0.0	33.4

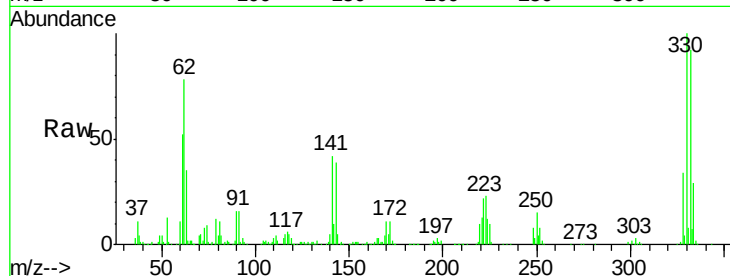




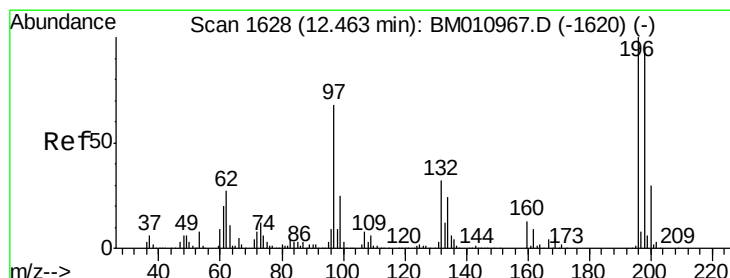
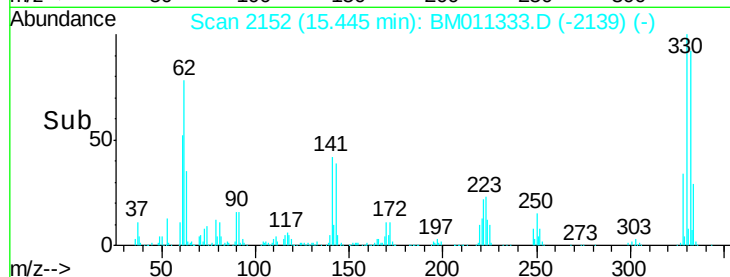
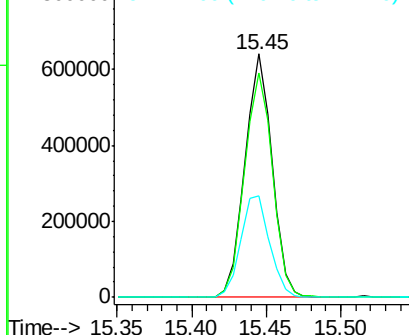
#41
 2,4,6-Tribromophenol
 Concen: 137.78 ng
 RT: 15.45 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	45.0	0.0	0.0#

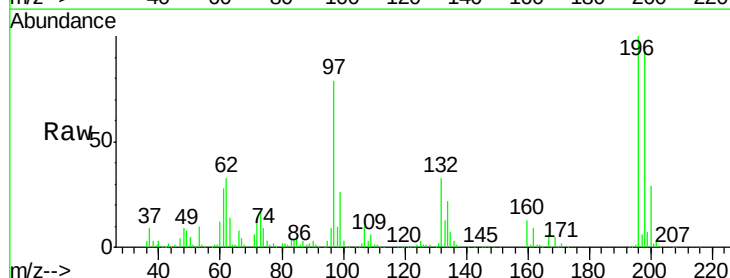


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

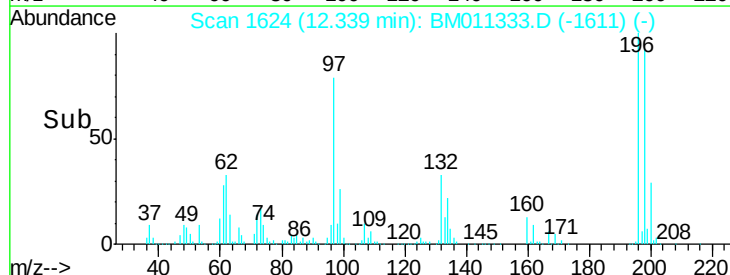
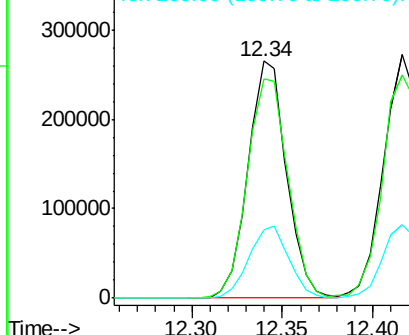


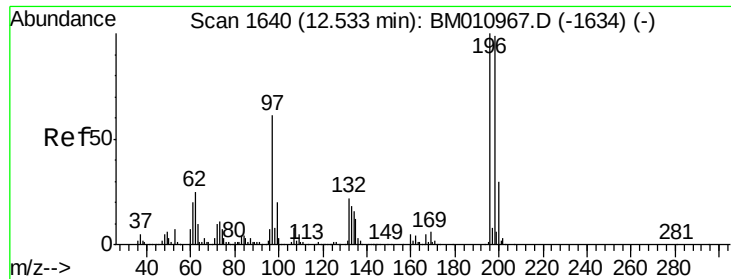
#42
 2,4,6-Trichlorophenol
 Concen: 41.20 ng
 RT: 12.34 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	76.3	114.5
200	28.8	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

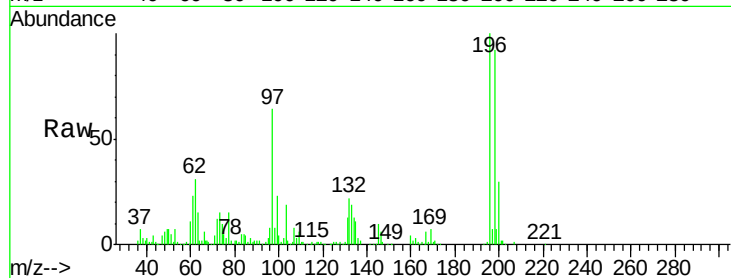




#43
2,4,5-Trichlorophenol
Concen: 43.16 ng
RT: 12.42 min Scan# 1637
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	91.5	79.4	119.0	
97	64.2	26.8	40.2	
132	21.5	18.6	28.0	



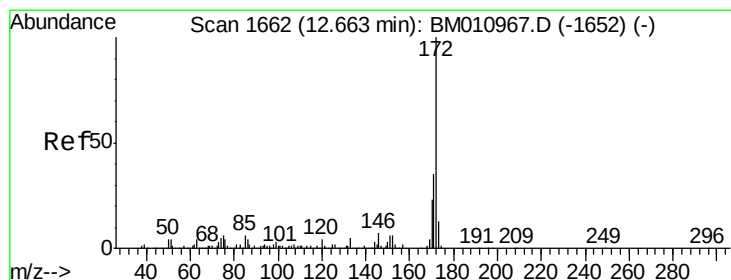
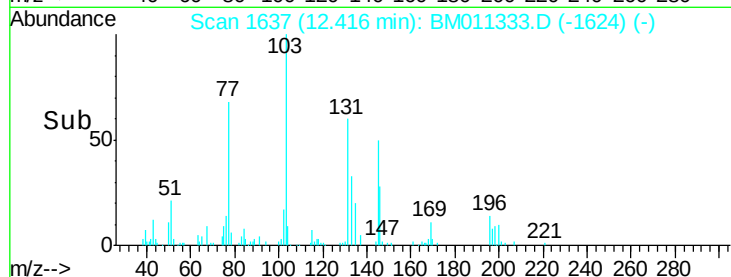
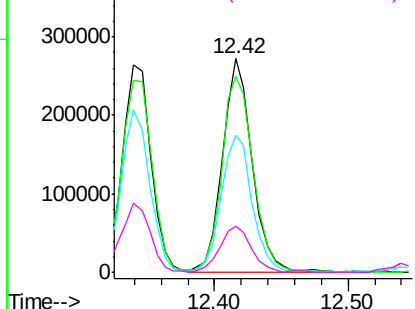
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

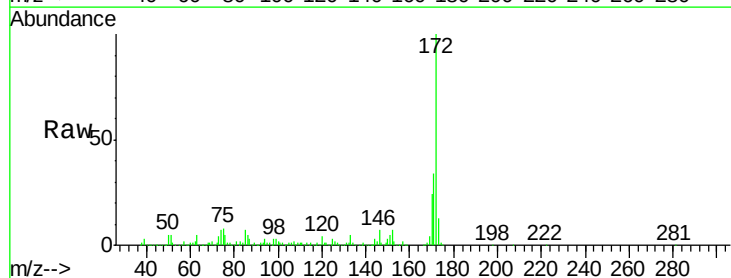
Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 87.75 ng
RT: 12.54 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	34.3	28.5	42.7	
170	23.5	18.8	28.2	

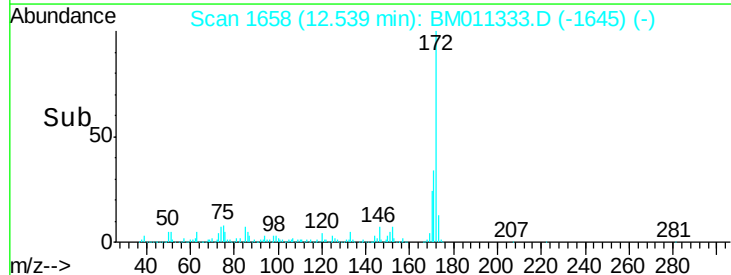
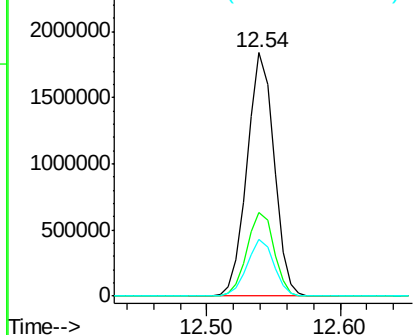


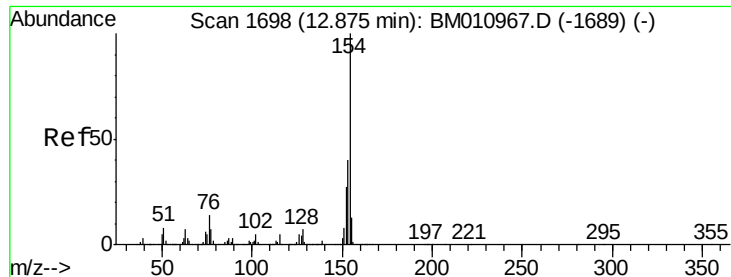
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

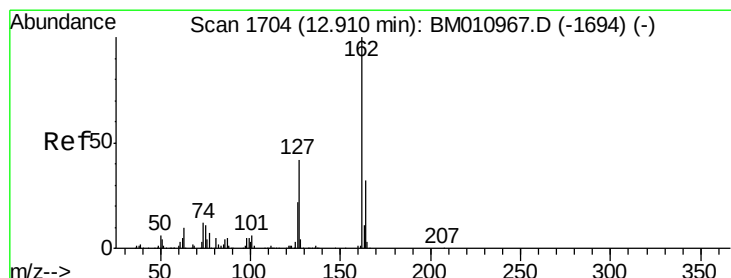
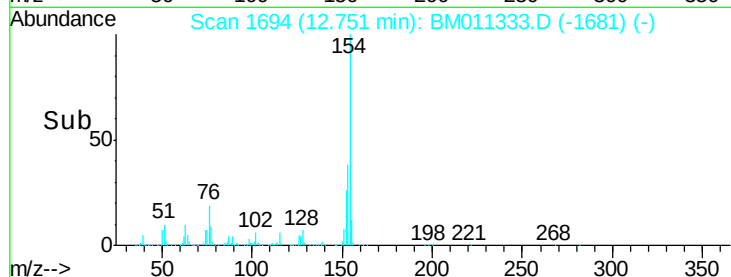
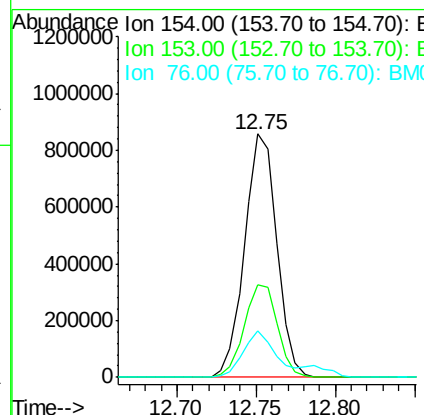
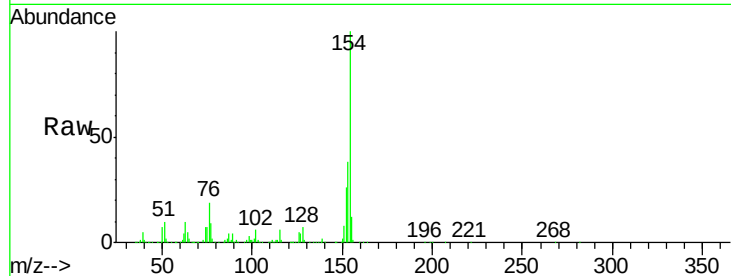




#45
 1,1'-Biphenyl
 Concen: 38.40 ng
 RT: 12.75 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

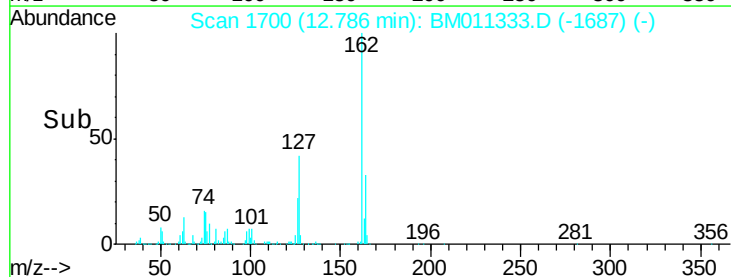
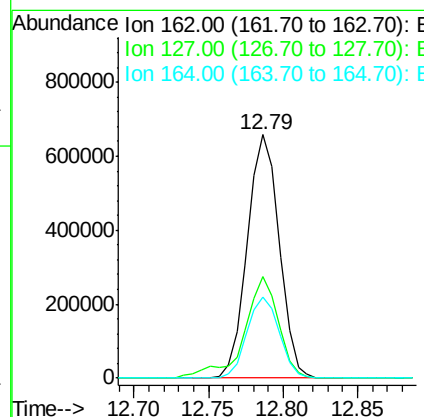
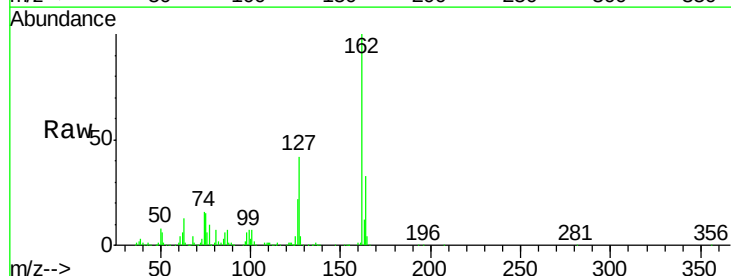
Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

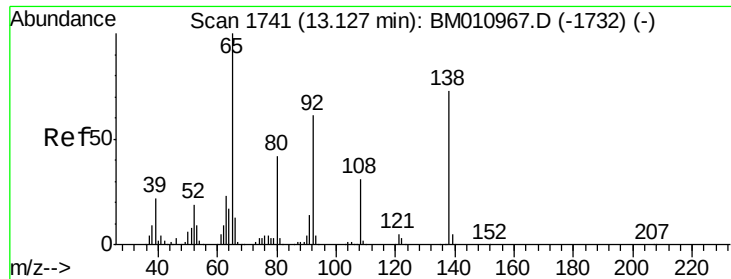
Tot Ion:154 Resp: 1212729
 Ion Ratio Lower Upper
 154 100
 153 37.8 20.7 60.7
 76 19.0 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 41.78 ng
 RT: 12.79 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion:162 Resp: 972042
 Ion Ratio Lower Upper
 162 100
 127 41.9 26.9 40.3#
 164 33.2 26.8 40.2

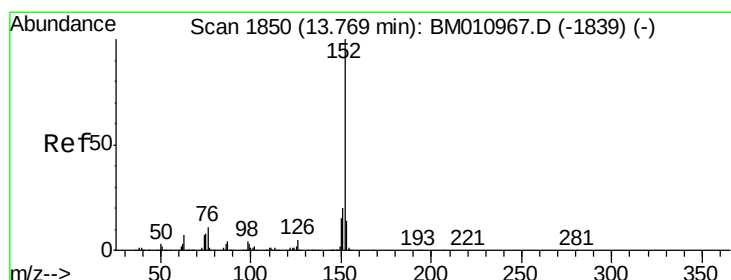
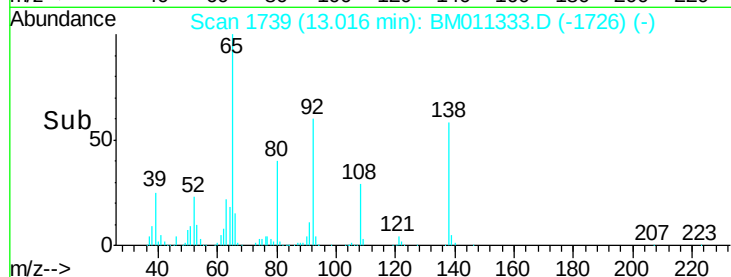
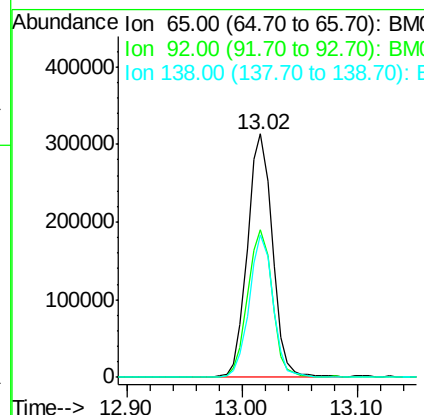
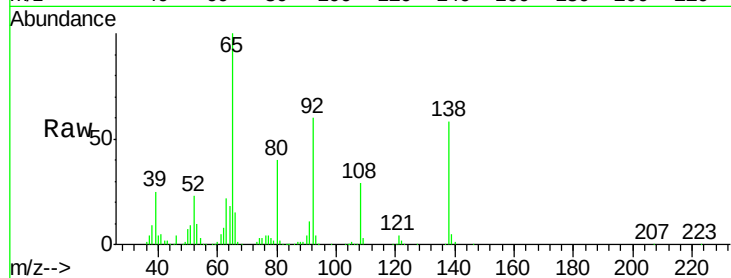




#47
2-Nitroaniline
Concen: 57.61 ng
RT: 13.02 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

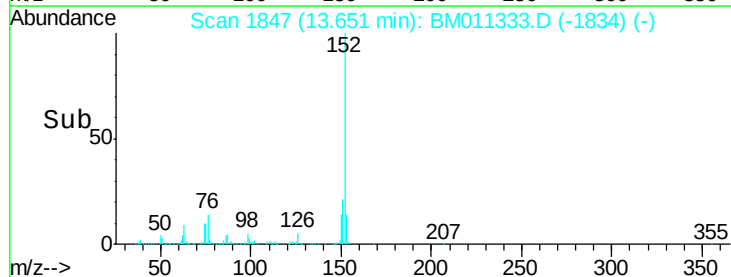
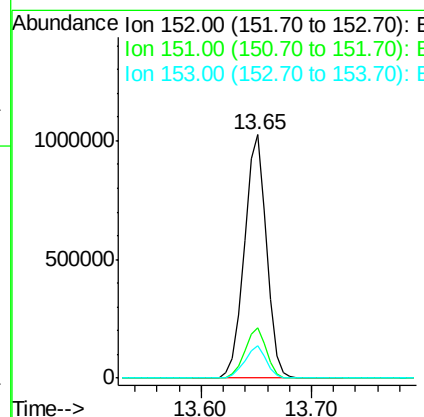
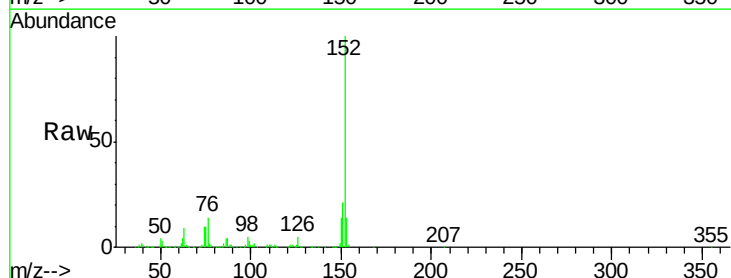
Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

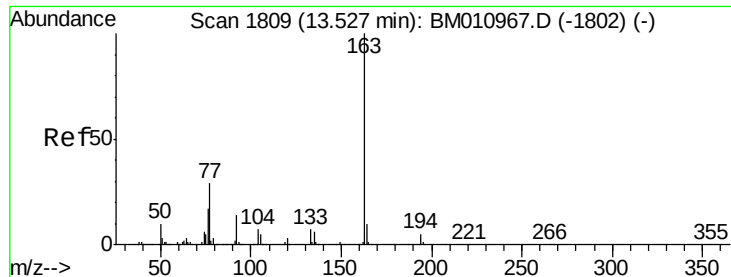
Tot Ion: 65 Resp: 474262
Ion Ratio Lower Upper
65 100
92 60.4 59.1 88.7
138 58.3 93.9 140.9#



#48
Acenaphthylene
Concen: 41.45 ng
RT: 13.65 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion: 152 Resp: 1439157
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 13.6 10.6 16.0





#49

Dimethylphthalate

Concen: 40.41 ng

RT: 13.42 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

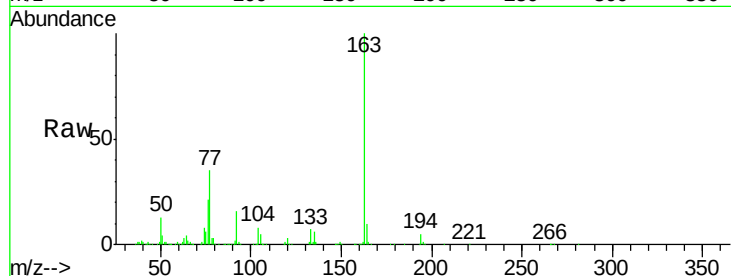
Tot Ion:163 Resp: 1262515

Ion Ratio Lower Upper

163 100

194 4.6 2.7 4.1#

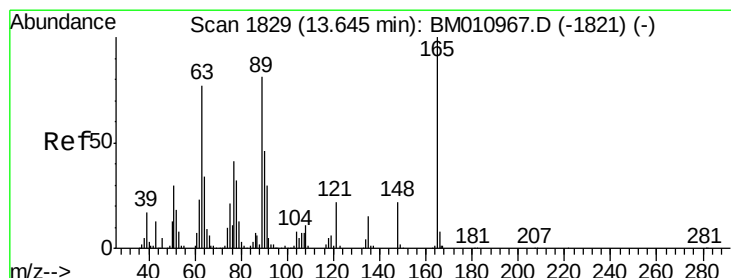
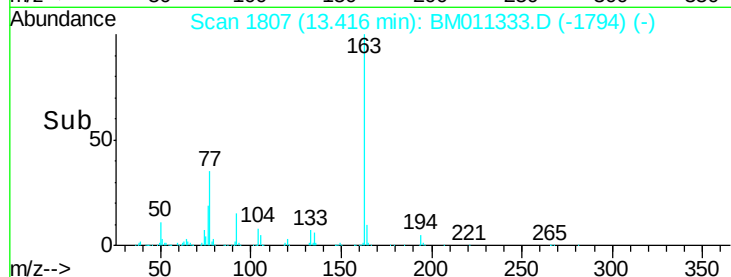
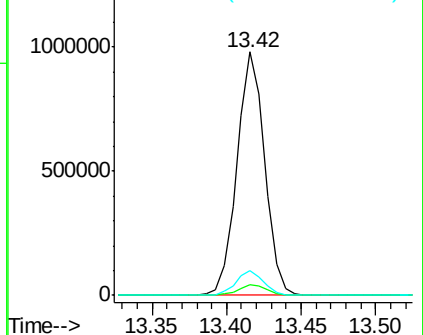
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.94 ng

RT: 13.53 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

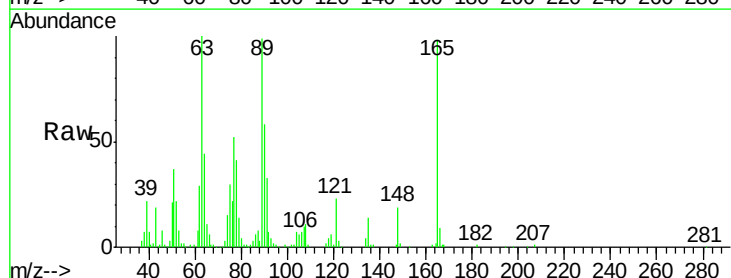
Tgt Ion:165 Resp: 271286

Ion Ratio Lower Upper

165 100

63 101.8 44.1 66.1#

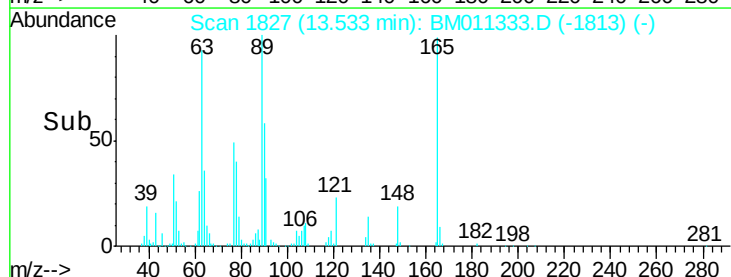
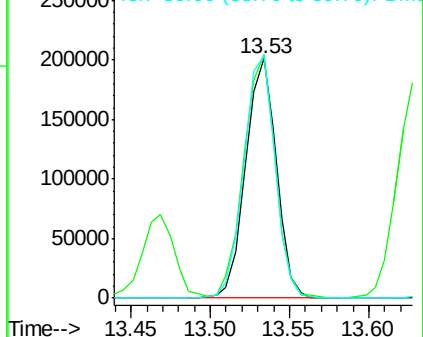
89 101.0 44.3 66.5#

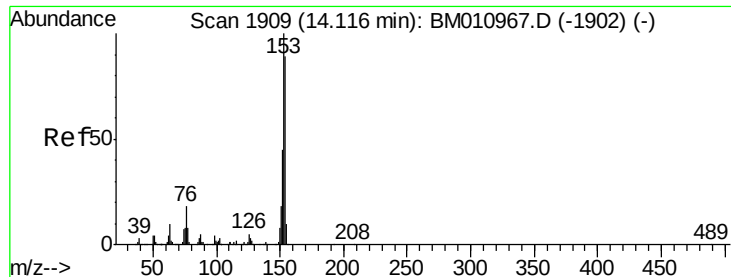


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 42.44 ng

RT: 14.00 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

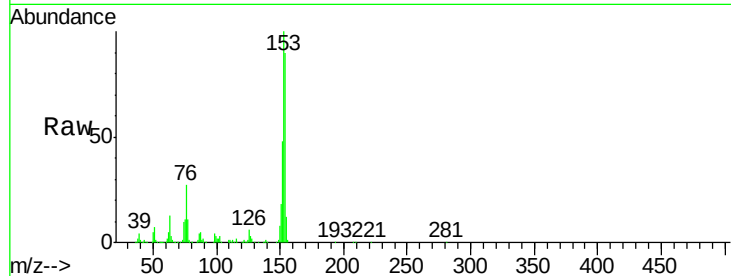
Tot Ion:154 Resp: 912470

Ion Ratio Lower Upper

154 100

153 111.6 90.0 135.0

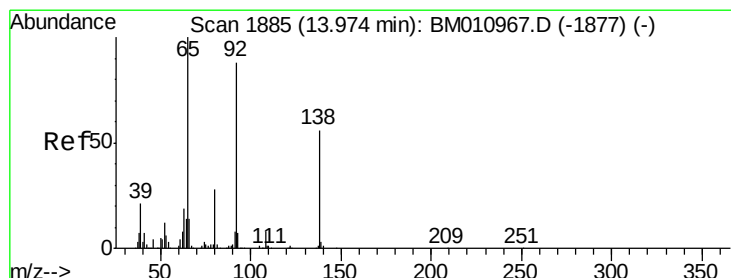
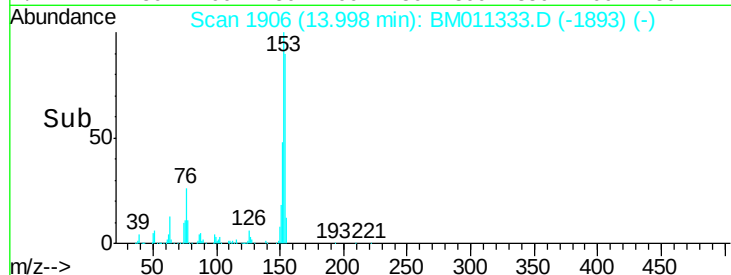
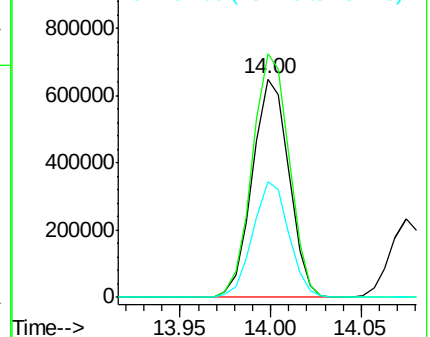
152 53.1 42.6 63.8



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: 38.89 ng

RT: 13.86 min Scan# 1883

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

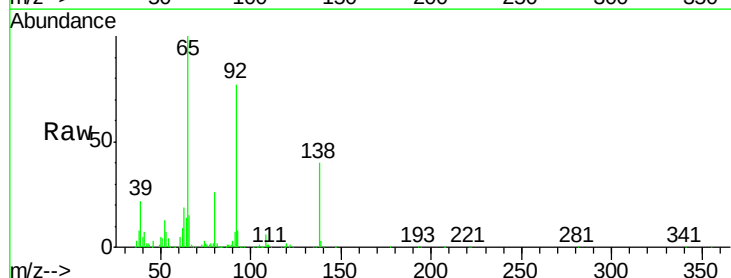
Tgt Ion:138 Resp: 213205

Ion Ratio Lower Upper

138 100

108 15.5 7.3 10.9#

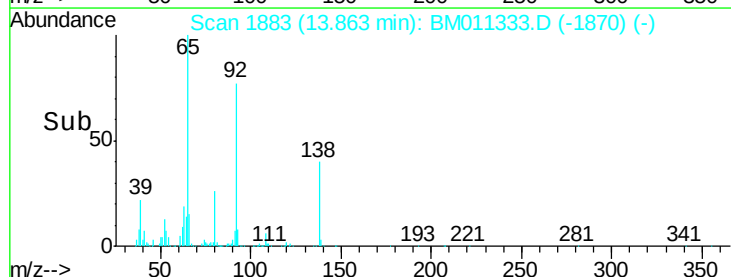
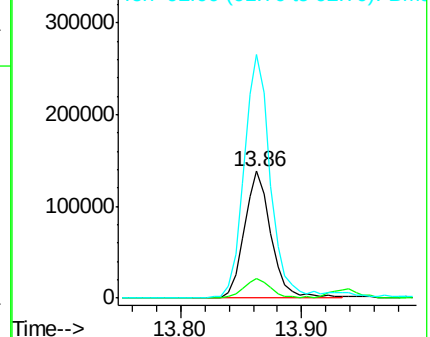
92 192.4 76.6 114.8#

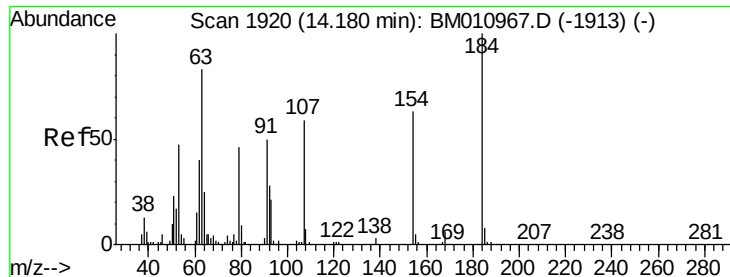


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#53

2,4-Dinitrophenol

Concen: 82.76 ng

RT: 14.07 min Scan# 1919

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

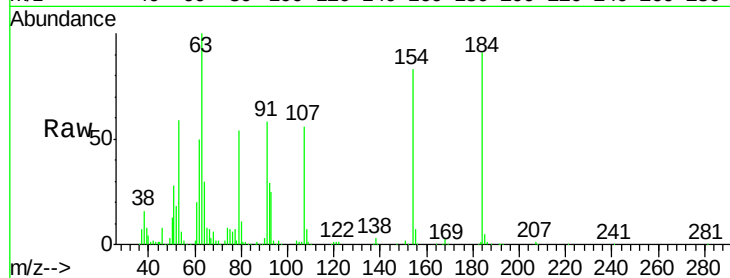
Tot Ion:184 Resp: 371592

Ion Ratio Lower Upper

184 100

63 109.5 69.2 103.8#

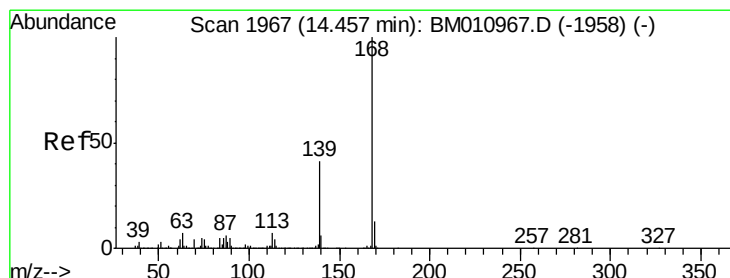
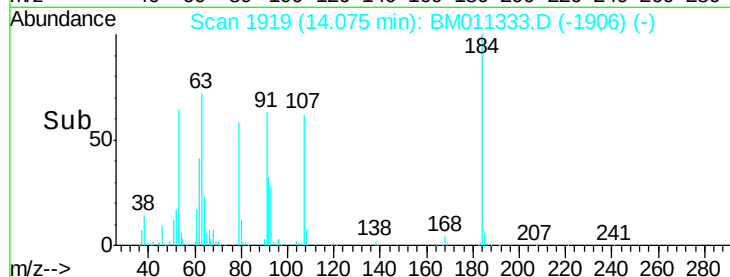
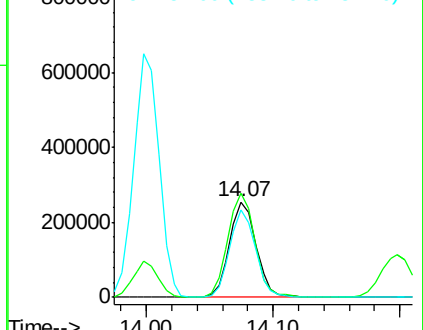
154 91.0 53.3 79.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 46.20 ng

RT: 14.34 min Scan# 1964

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

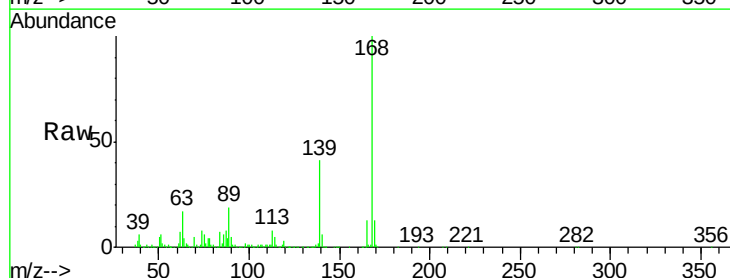
Tgt Ion:168 Resp: 1609432

Ion Ratio Lower Upper

168 100

139 41.2 27.3 40.9#

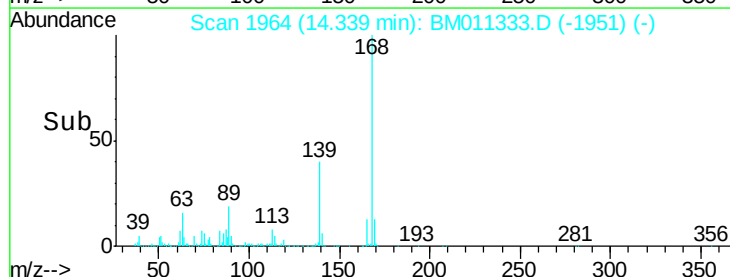
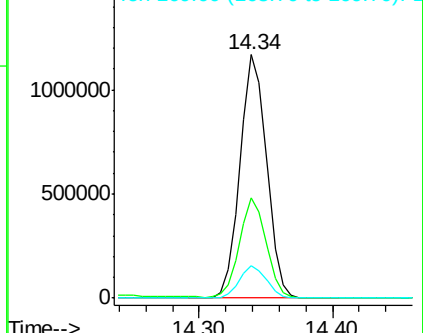
169 13.1 10.6 16.0

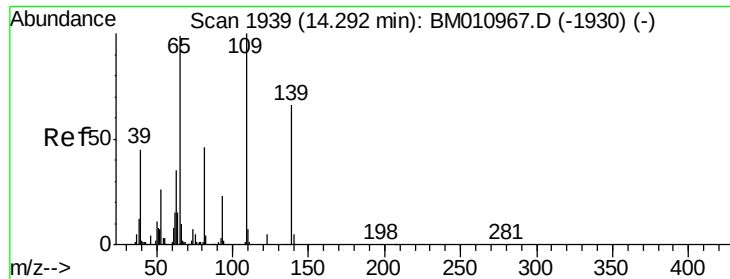


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 68.14 ng

RT: 14.20 min Scan# 1940

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

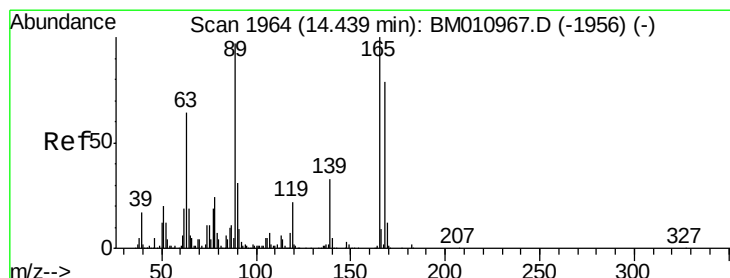
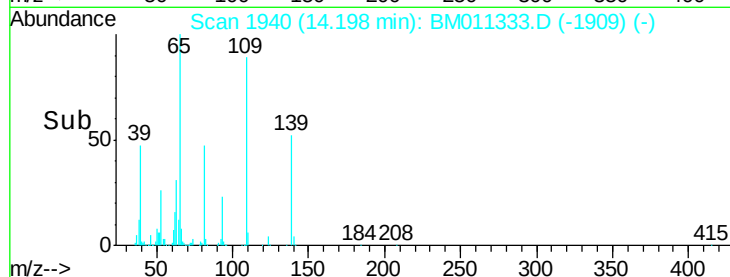
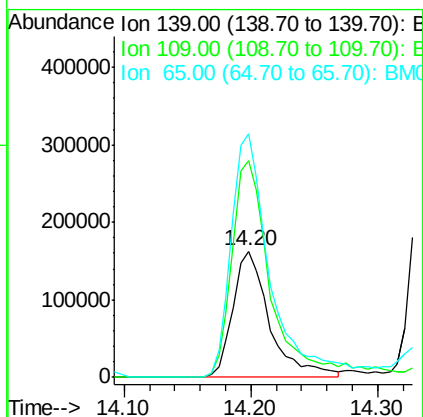
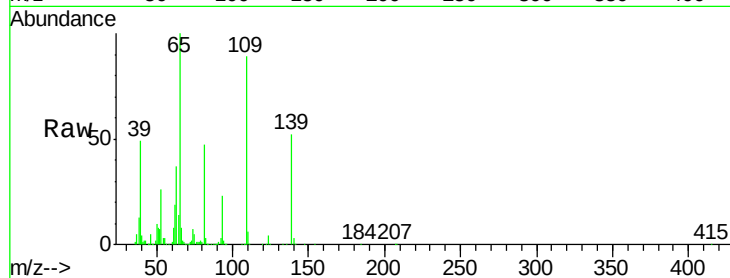
Tot Ion:139 Resp: 328236

Ion Ratio Lower Upper

139 100

109 171.3 130.0 170.0#

65 192.9 130.0 170.0#



#56

2,4-Dinitrotoluene

Concen: 45.09 ng

RT: 14.33 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Tgt Ion:165 Resp: 399947

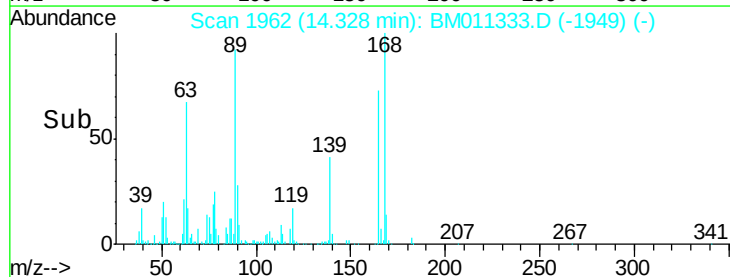
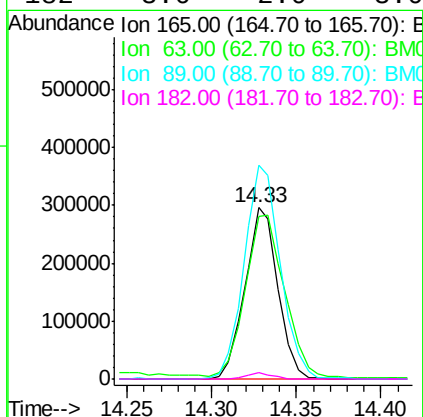
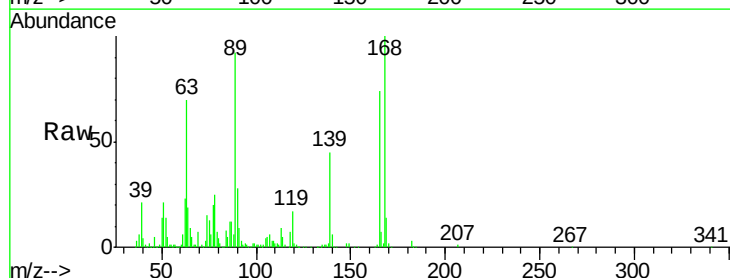
Ion Ratio Lower Upper

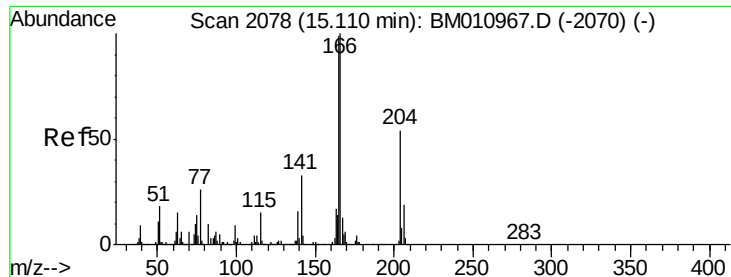
165 100

63 95.4 52.4 78.6#

89 124.9 72.4 108.6#

182 3.6 2.0 3.0#

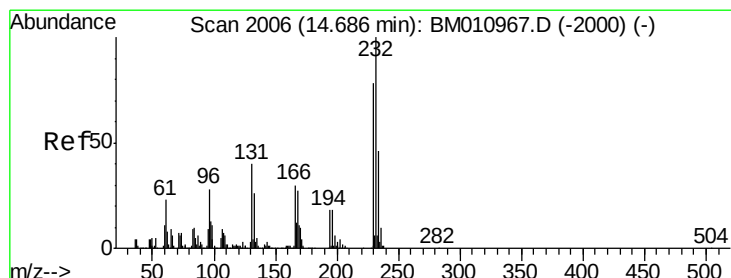
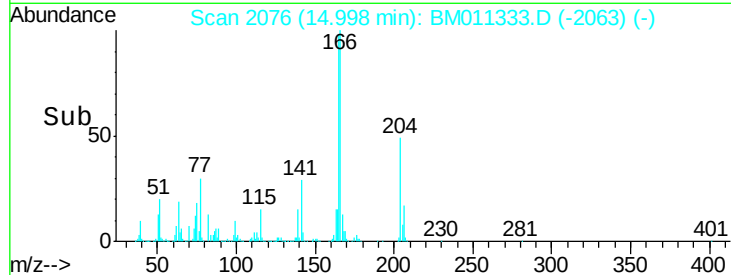
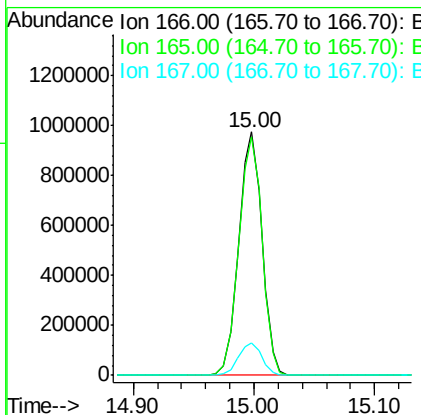
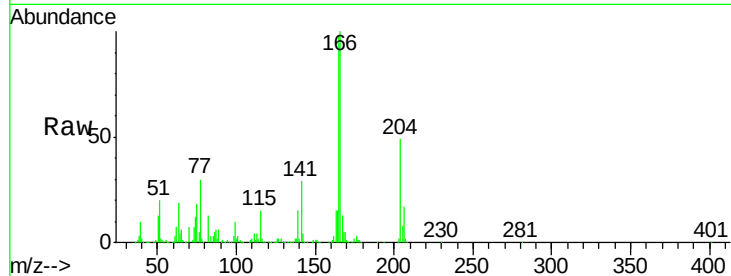




#57
 Fluorene
 Concen: 43.19 ng
 RT: 15.00 min Scan# 2076
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

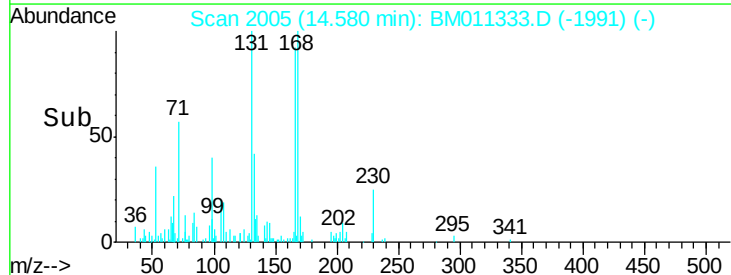
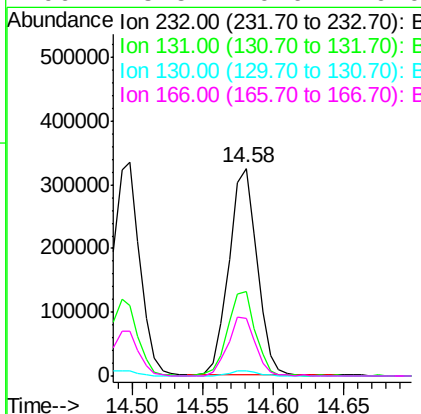
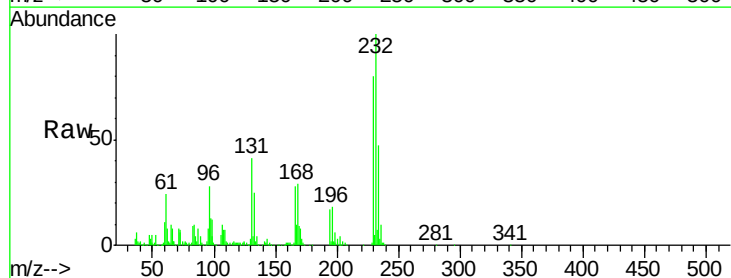
Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

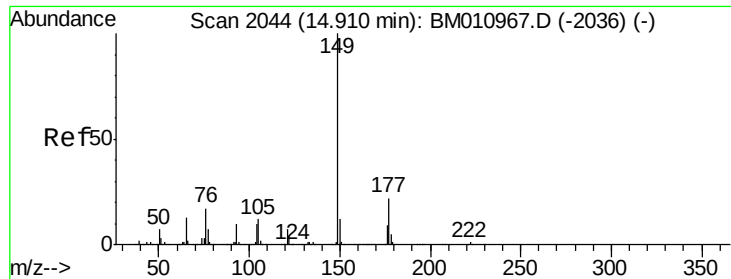
Tot Ion:166 Resp: 1310076
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.0 118.4
 167 13.1 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.03 ng
 RT: 14.58 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion:232 Resp: 449549
 Ion Ratio Lower Upper
 232 100
 131 40.0 0.0 0.0#
 130 2.7 0.0 0.0#
 166 28.5 0.0 0.0#

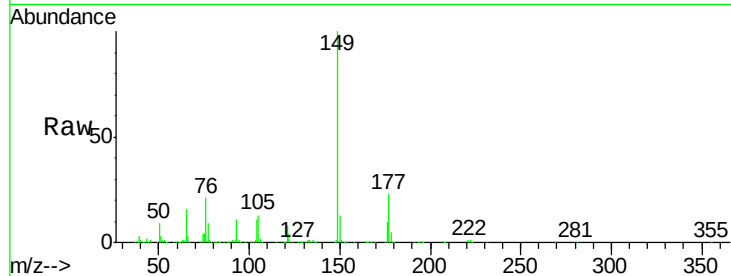




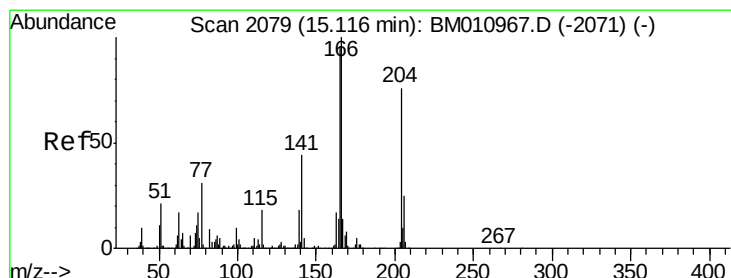
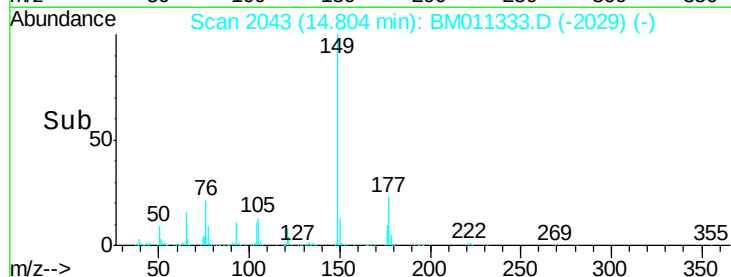
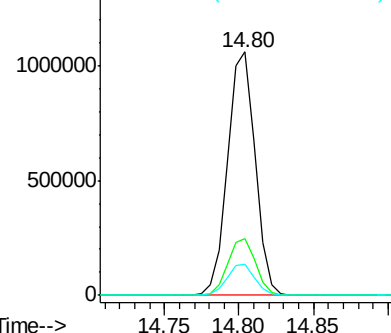
#59
Diethylphthalate
Concen: 42.44 ng
RT: 14.80 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion:149 Resp: 1354141
Ion Ratio Lower Upper
149 100
177 23.1 18.3 27.5
150 12.7 9.8 14.8

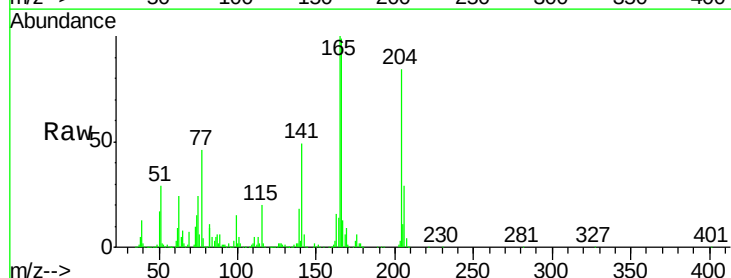


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

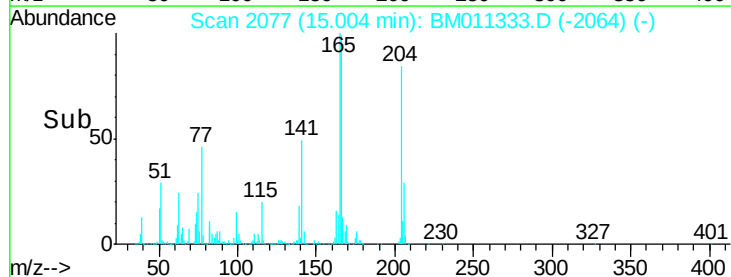
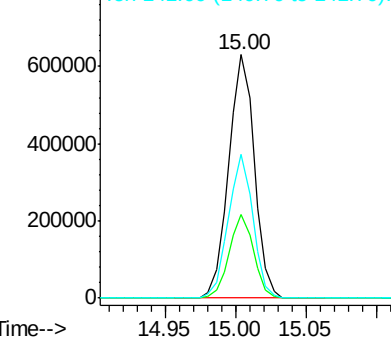


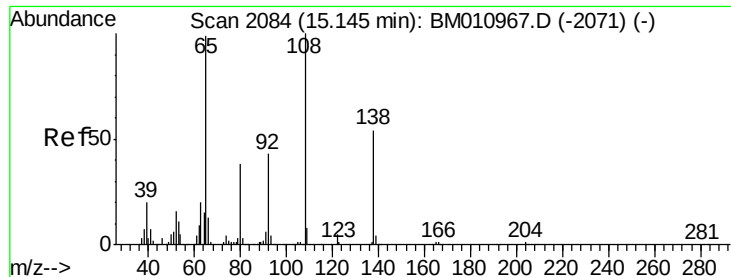
#60
4-Chlorophenyl-phenylether
Concen: 43.80 ng
RT: 15.00 min Scan# 2077
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion:204 Resp: 802193
Ion Ratio Lower Upper
204 100
206 34.6 26.6 39.8
141 58.8 45.2 67.8



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

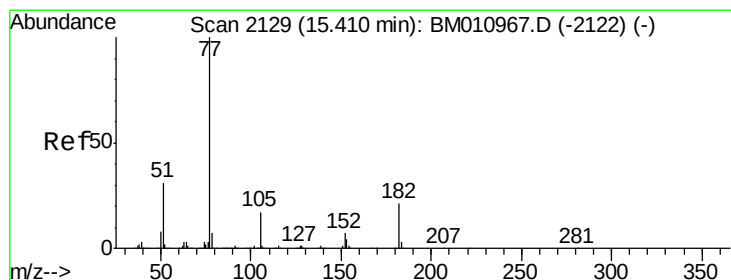
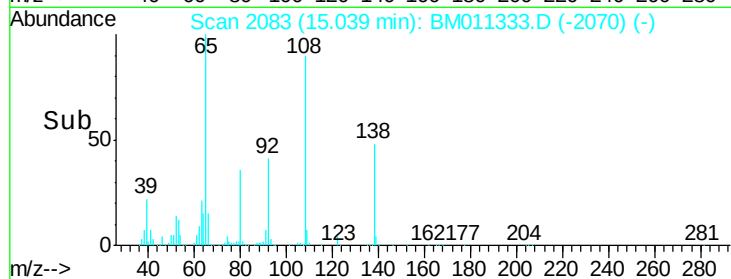
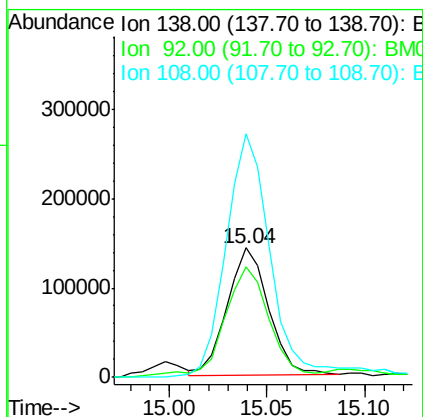
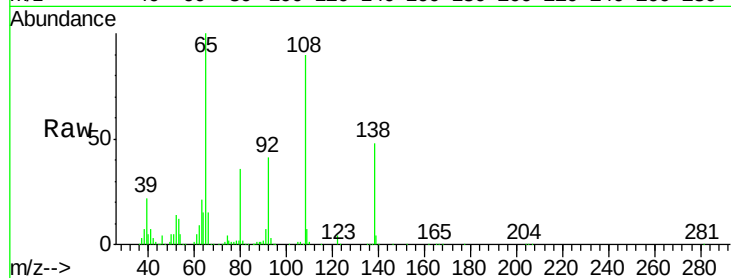




#61
4-Nitroaniline
Concen: 36.15 ng
RT: 15.04 min Scan# 2083
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

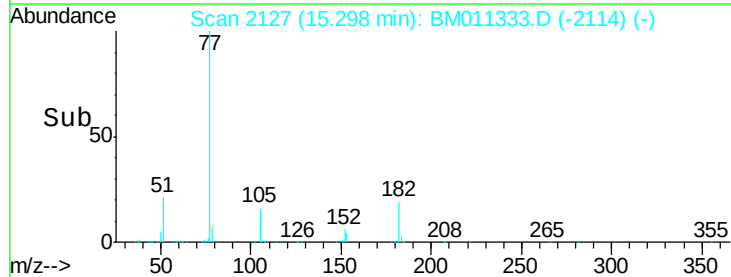
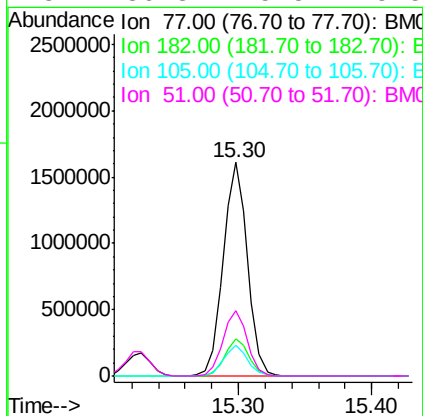
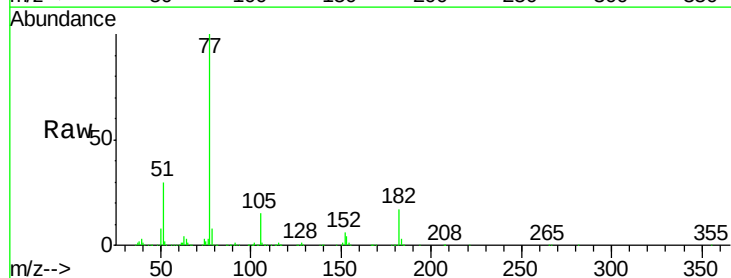
Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

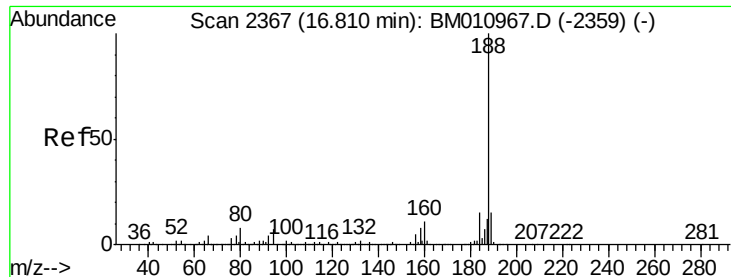
Tot Ion:138 Resp: 210507
Ion Ratio Lower Upper
138 100
92 85.3 16.7 56.7#
108 188.3 37.6 77.6#



#62
Azobenzene
Concen: 59.81 ng
RT: 15.30 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion: 77 Resp: 2042542
Ion Ratio Lower Upper
77 100
182 17.5 6.5 46.5
105 14.6 3.8 43.8
51 30.3 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.70 min Scan# 2365

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

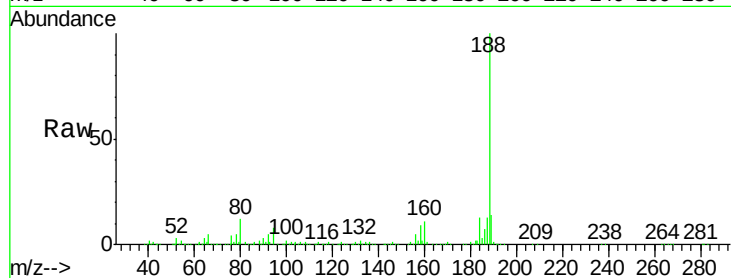
Tot Ion:188 Resp: 993367

Ion Ratio Lower Upper

188 100

94 8.4 8.7 13.1#

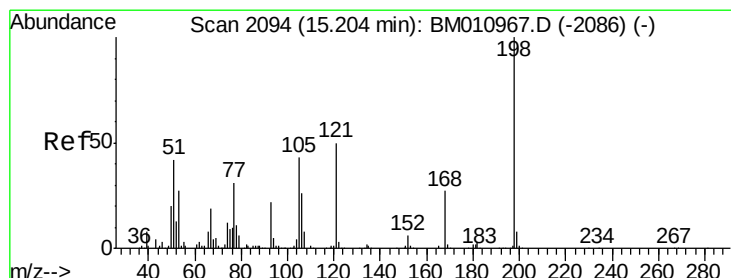
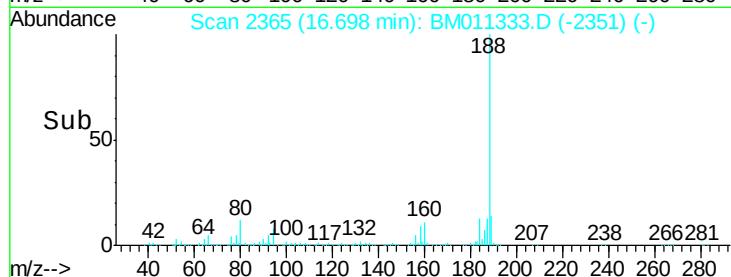
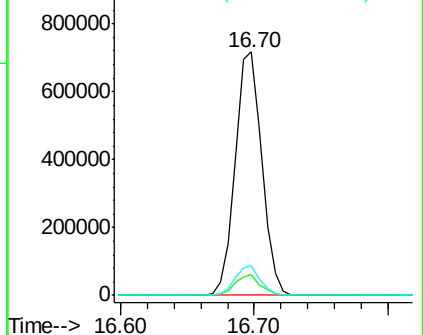
80 12.0 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.18 ng

RT: 15.10 min Scan# 2093

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

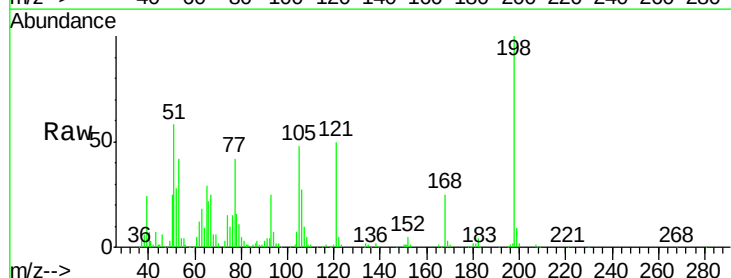
Tgt Ion:198 Resp: 270218

Ion Ratio Lower Upper

198 100

51 58.3 28.8 68.8

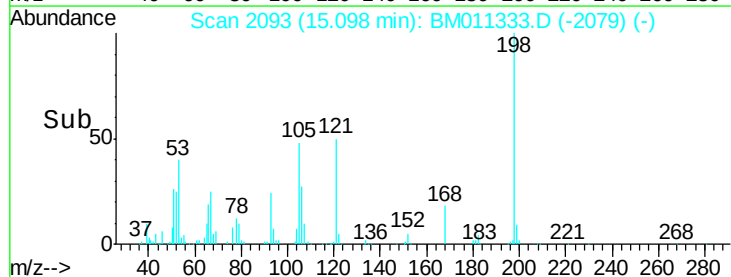
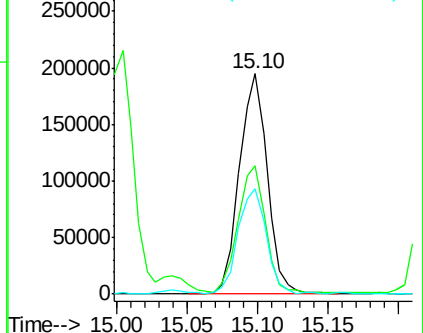
105 47.8 30.5 70.5

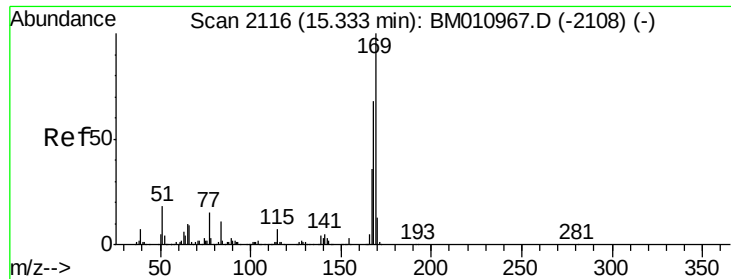


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

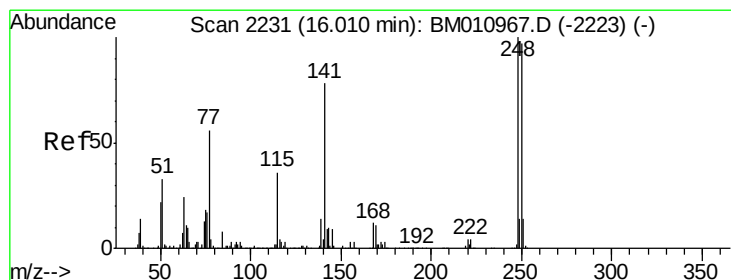
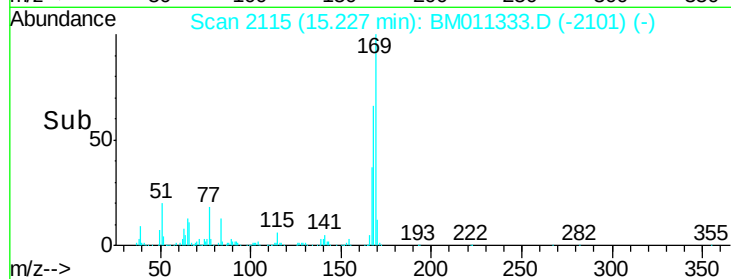
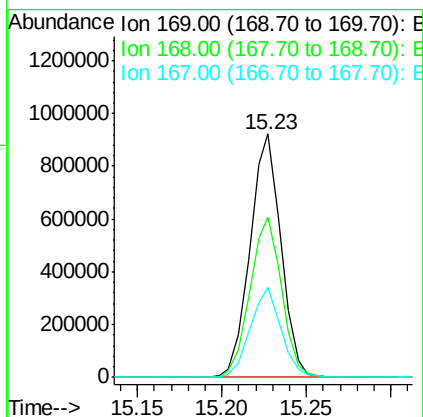
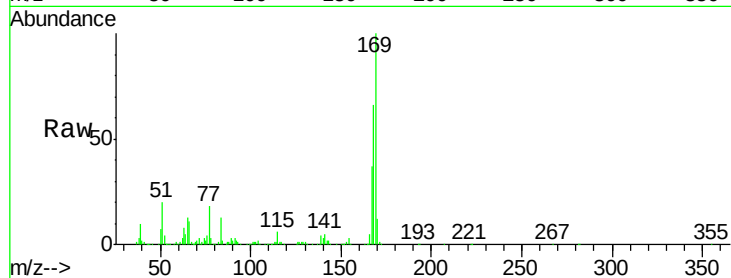




#65
 n-Nitrosodiphenylamine
 Concen: 41.28 ng
 RT: 15.23 min Scan# 2115
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

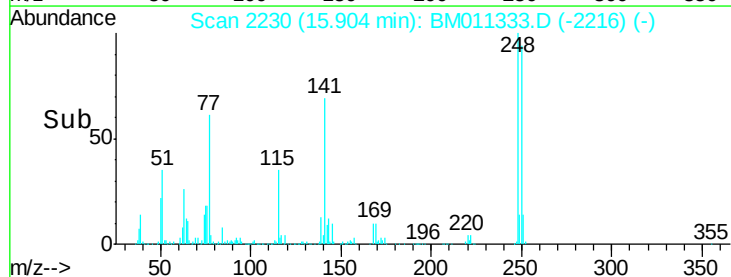
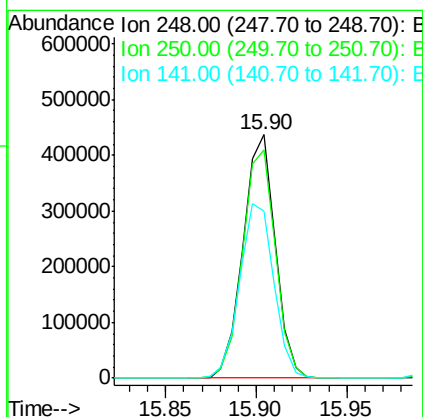
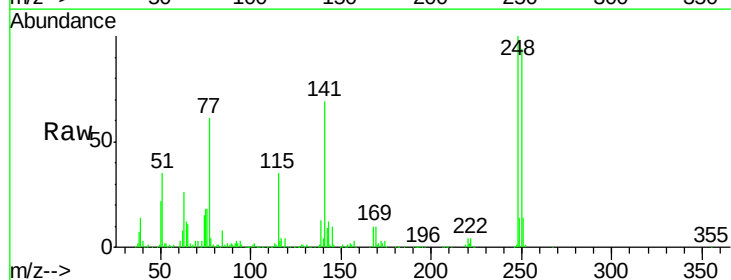
Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

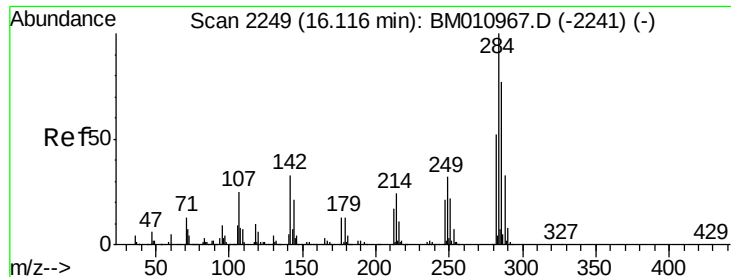
Tot Ion:169 Resp: 1173517
 Ion Ratio Lower Upper
 169 100
 168 65.8 53.9 80.9
 167 36.8 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 42.32 ng
 RT: 15.90 min Scan# 2230
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion:248 Resp: 540450
 Ion Ratio Lower Upper
 248 100
 250 93.6 77.4 116.0
 141 68.6 45.2 67.8#

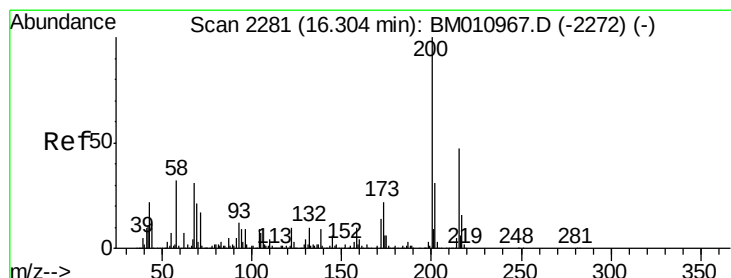
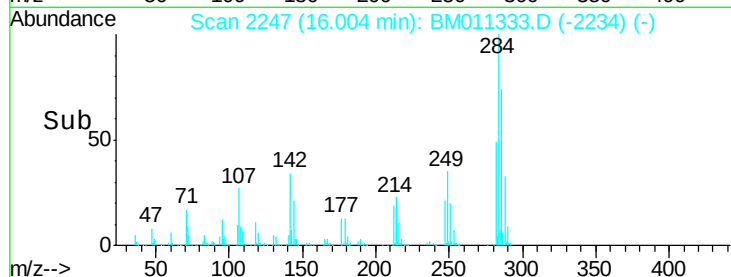
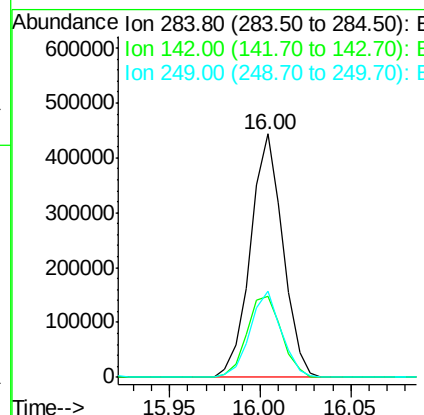
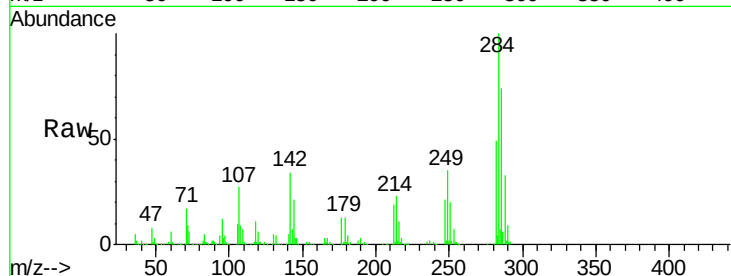




#67
Hexachlorobenzene
Concen: 38.10 ng
RT: 16.00 min Scan# 2247
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

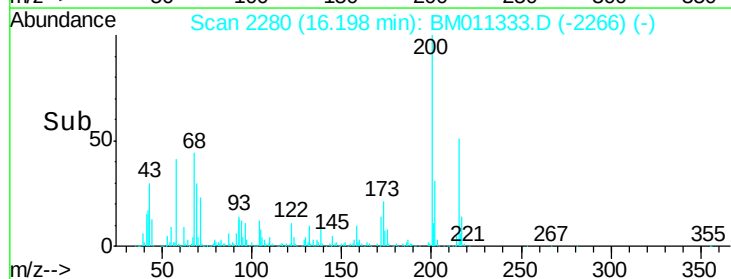
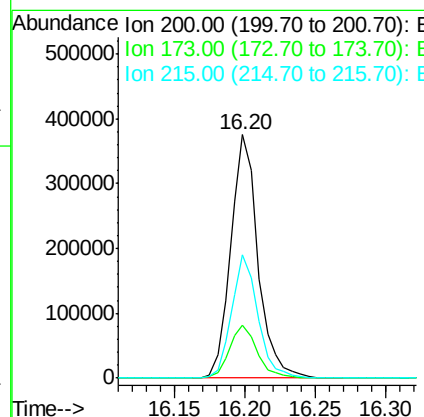
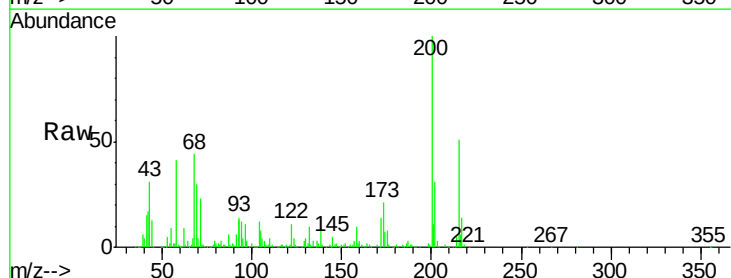
Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

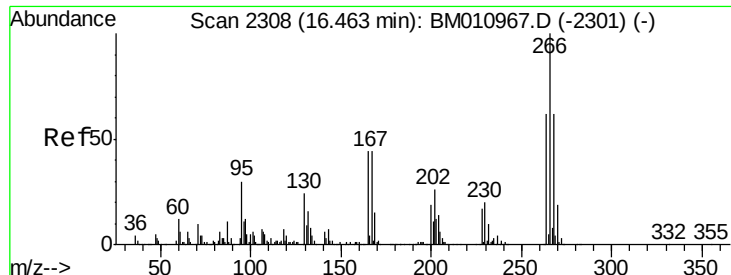
Tot Ion	Ratio	Lower	Upper
284	100		
142	33.5	20.4	30.6
249	35.4	23.8	35.6



#68
Atrazine
Concen: 44.20 ng
RT: 16.20 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.5	4.8	44.8
215	50.7	26.9	66.9





#69

Pentachlorophenol

Concen: 80.84 ng

RT: 16.36 min Scan# 2307

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

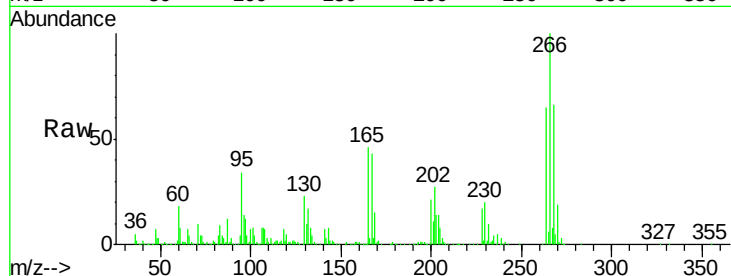
Tot Ion:266 Resp: 740570

Ion Ratio Lower Upper

266 100

268 66.1 52.0 78.0

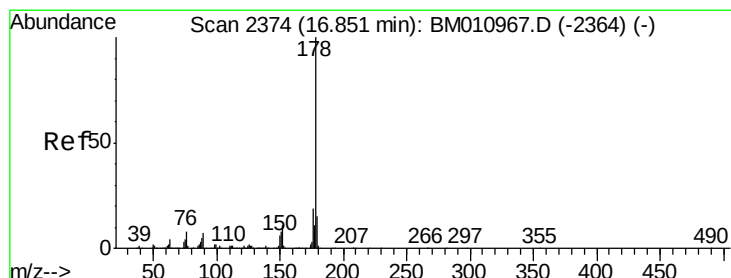
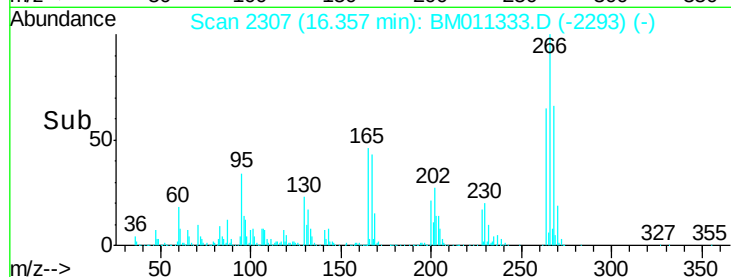
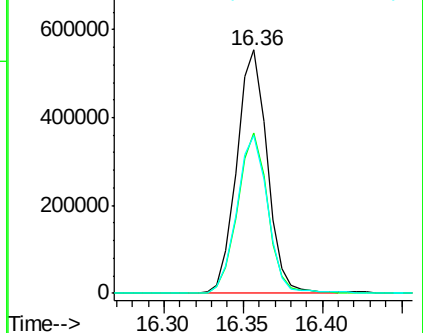
264 64.9 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 45.32 ng

RT: 16.74 min Scan# 2372

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

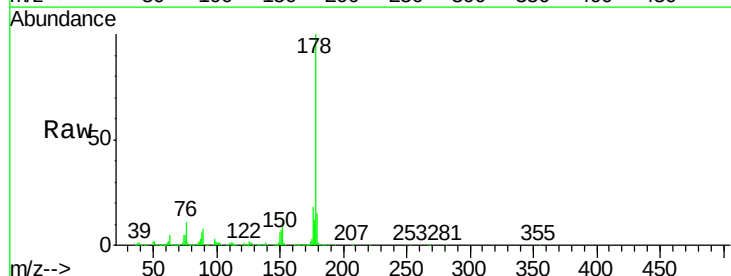
Tgt Ion:178 Resp: 2357052

Ion Ratio Lower Upper

178 100

176 18.4 15.2 22.8

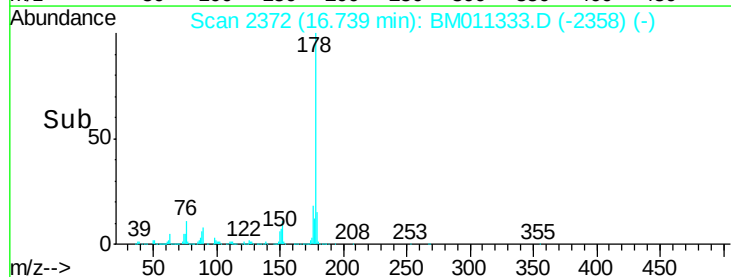
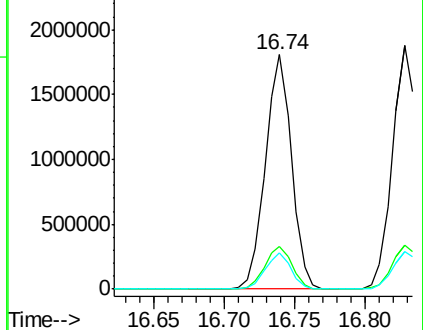
179 15.3 12.1 18.1

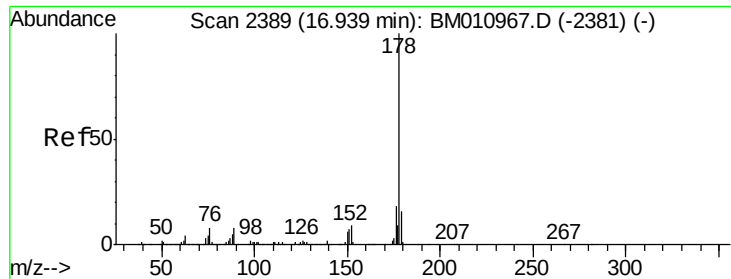


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

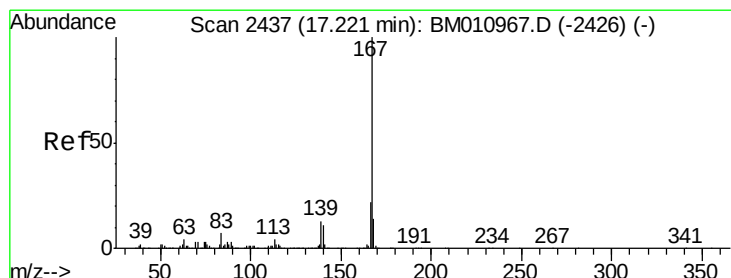
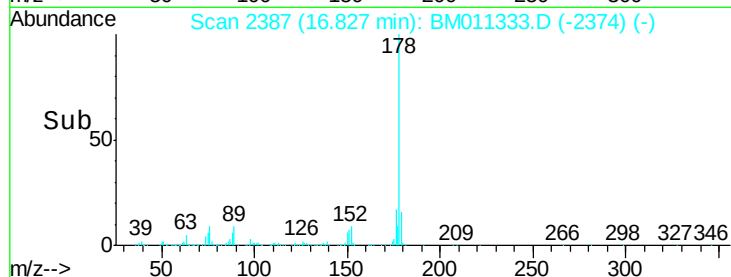
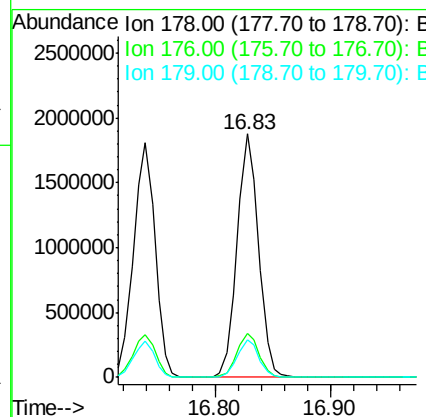
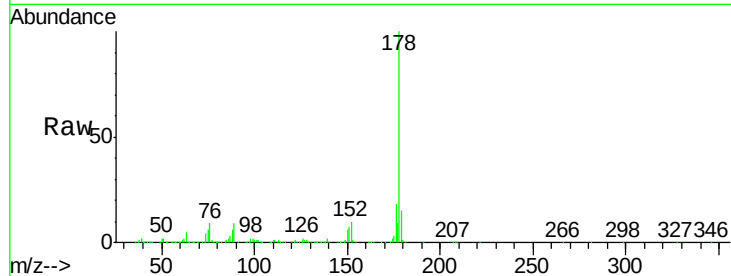




#71
 Anthracene
 Concen: 46.52 ng
 RT: 16.83 min Scan# 2387
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

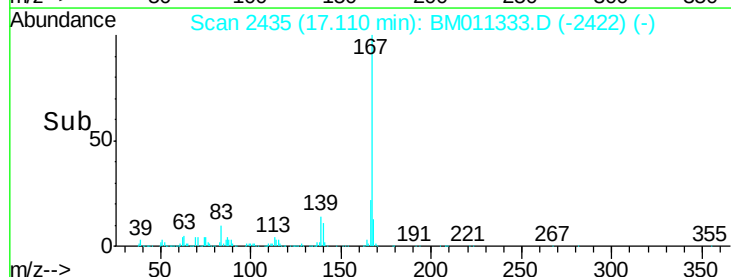
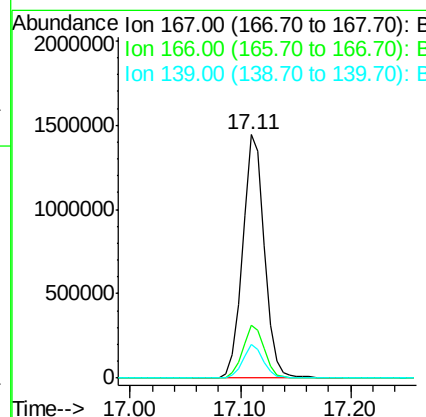
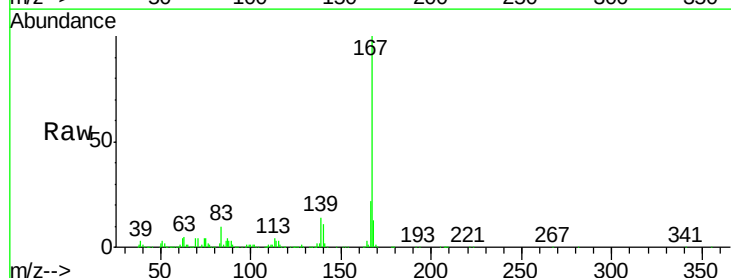
Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

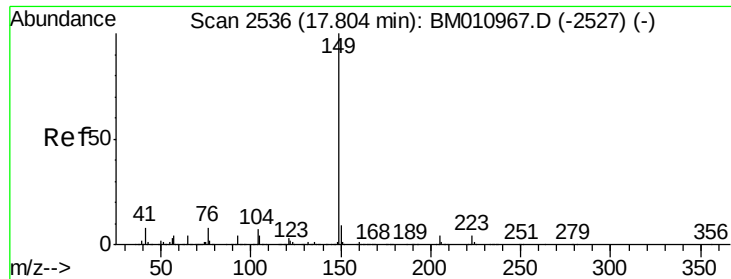
Tot Ion:178 Resp: 2412989
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.6 22.0
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 44.09 ng
 RT: 17.11 min Scan# 2435
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion:167 Resp: 2000416
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.7 10.8 16.2





#73

Di-n-butylphthalate

Concen: 43.28 ng

RT: 17.70 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

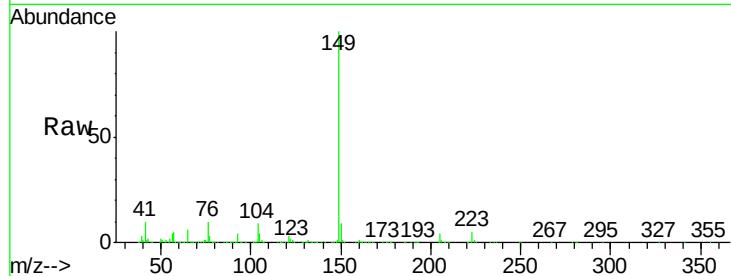
Tot Ion:149 Resp: 2391094

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

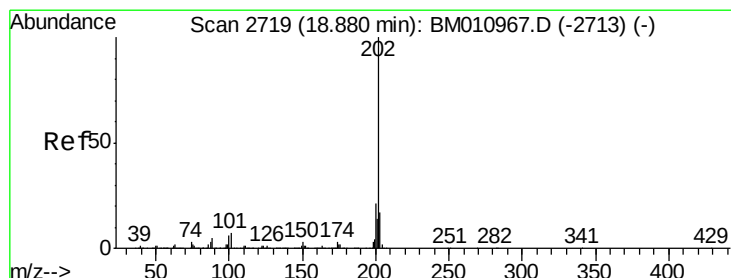
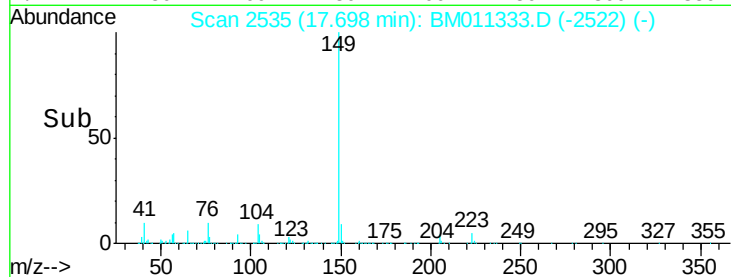
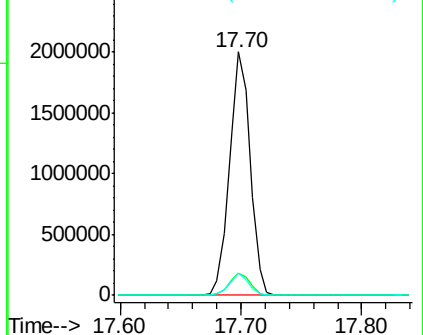
104 8.9 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.42 ng

RT: 18.77 min Scan# 2718

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

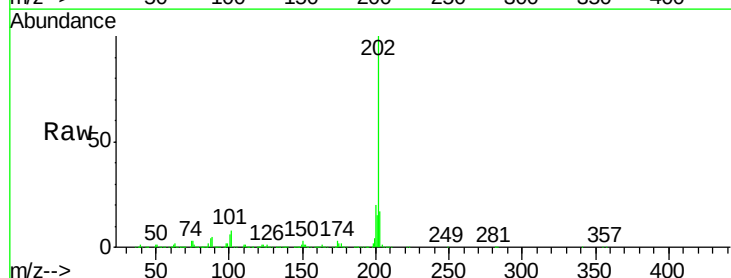
Tgt Ion:202 Resp: 3185411

Ion Ratio Lower Upper

202 100

101 7.7 0.0 28.7

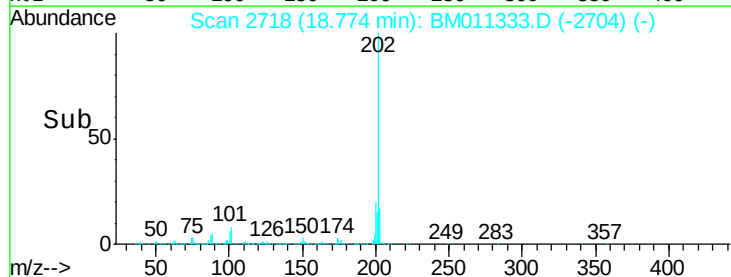
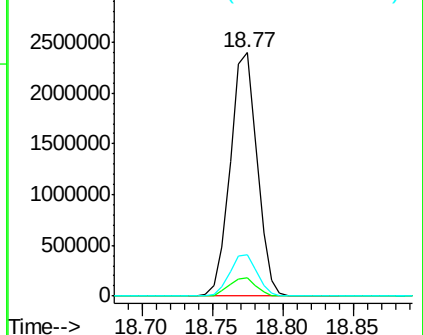
203 16.8 0.0 37.2

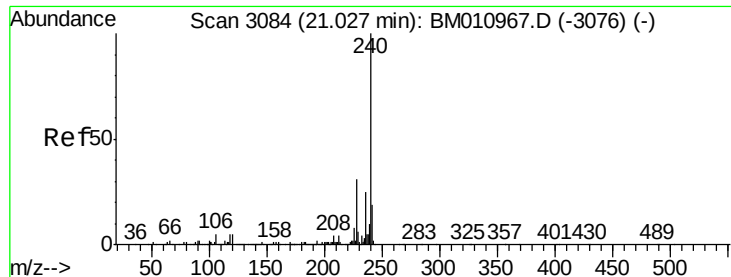


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.93 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

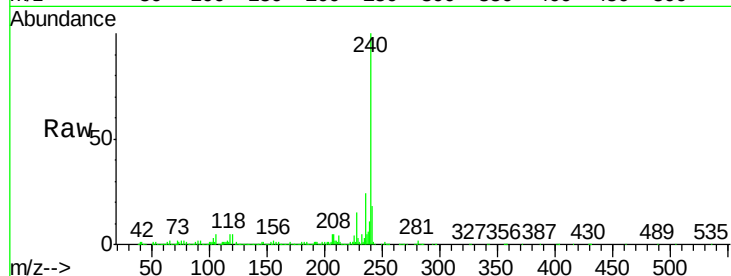
Tot Ion:240 Resp: 1333867

Ion Ratio Lower Upper

240 100

120 4.8 8.2 12.2#

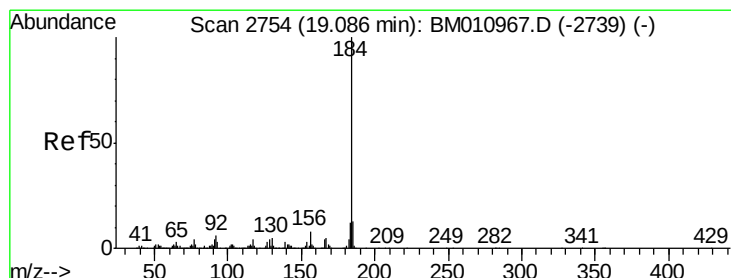
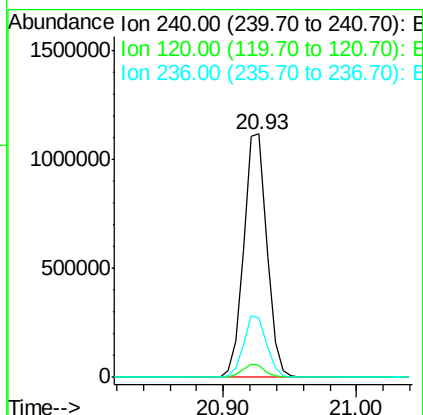
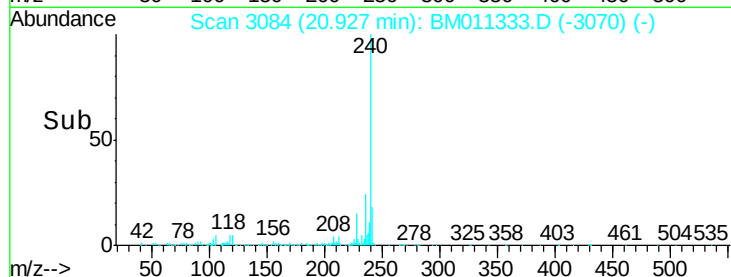
236 24.2 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.43 ng

RT: 18.99 min Scan# 2754

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

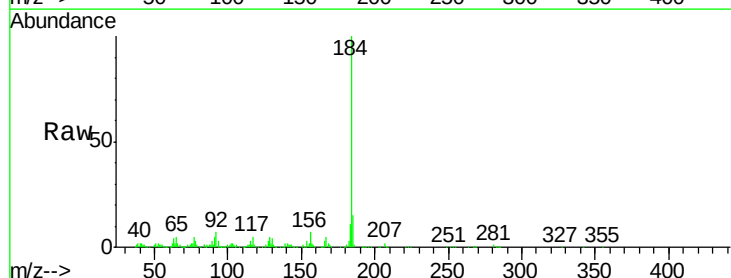
Tgt Ion:184 Resp: 779469

Ion Ratio Lower Upper

184 100

185 15.5 11.3 16.9

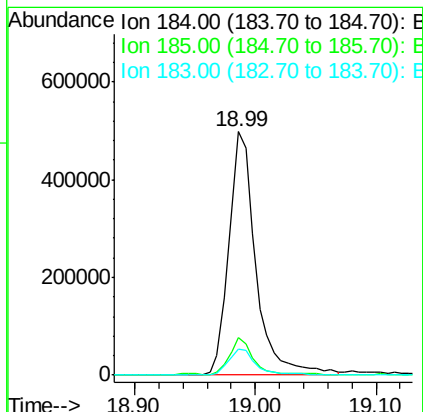
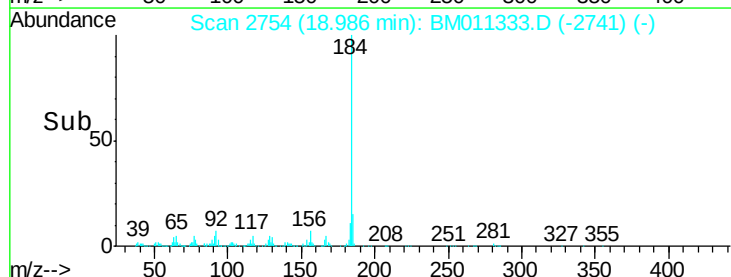
183 10.7 8.9 13.3

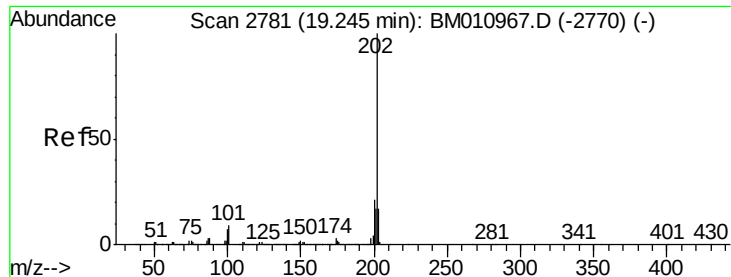


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.57 ng

RT: 19.14 min Scan# 2780

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

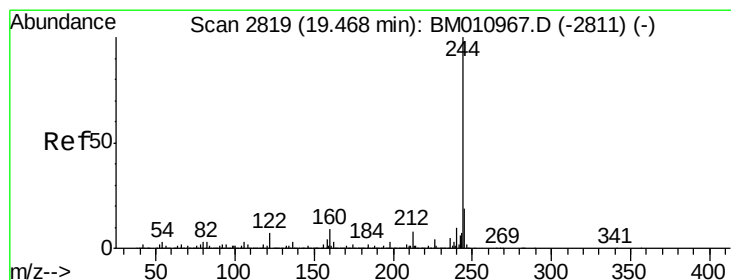
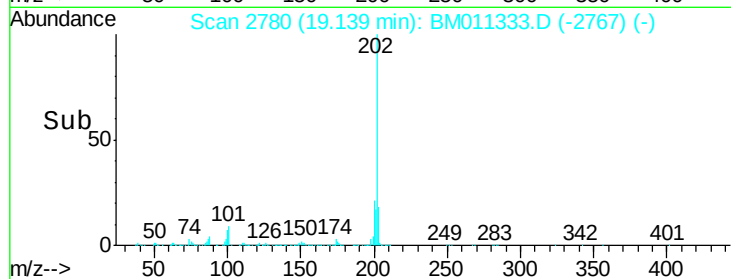
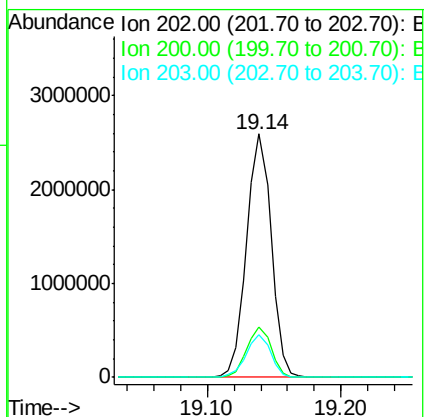
BNA_M

ClientSampleId :

HR-06-081817MSD

Tot Ion:202 Resp: 3294454

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.5	14.1	21.1



#78

Terphenyl-d14

Concen: 74.64 ng

RT: 19.37 min Scan# 2819

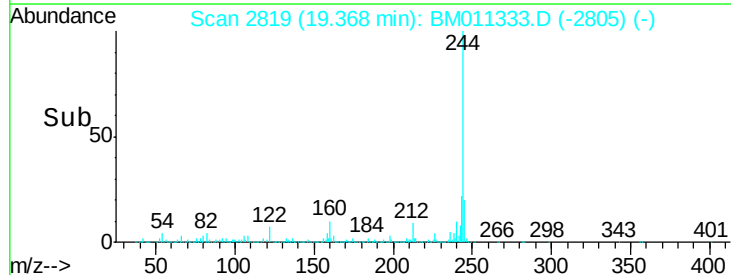
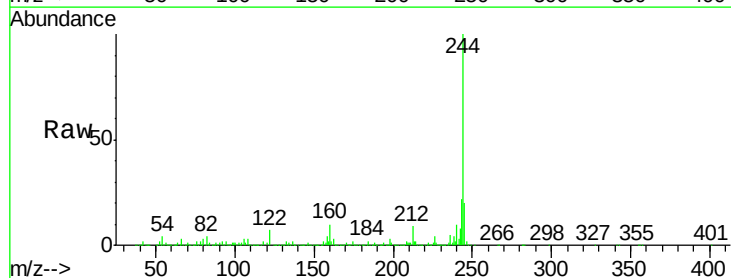
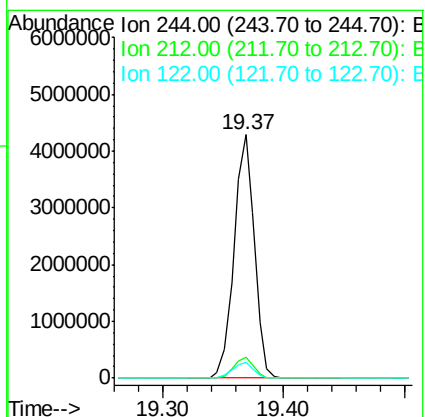
Delta R.T. -0.02 min

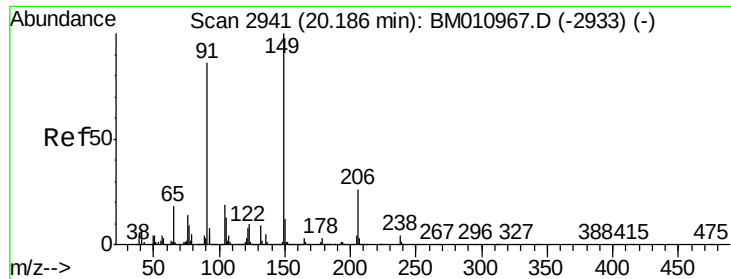
Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Tgt Ion:244 Resp: 5025838

Ion	Ratio	Lower	Upper
244	100		
212	8.8	4.9	7.3#
122	6.6	6.2	9.4

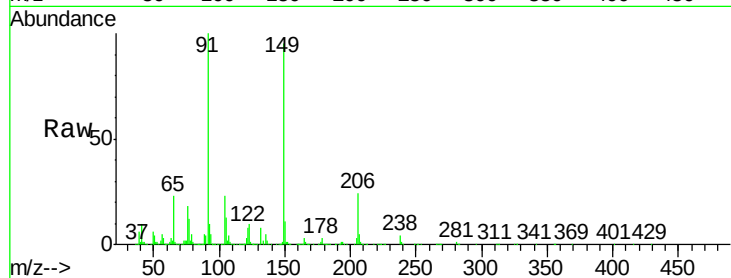




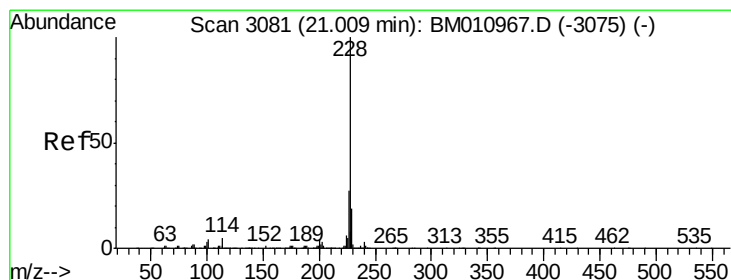
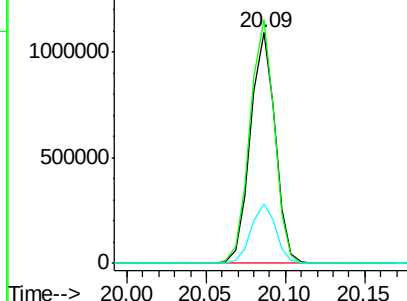
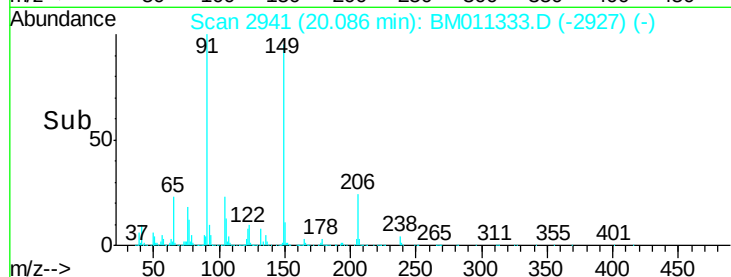
#79
Butylbenzylphthalate
Concen: 42.02 ng
RT: 20.09 min Scan# 2941
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion:149 Resp: 1184292
Ion Ratio Lower Upper
149 100
91 105.6 50.1 75.1#
206 25.5 16.2 24.2#

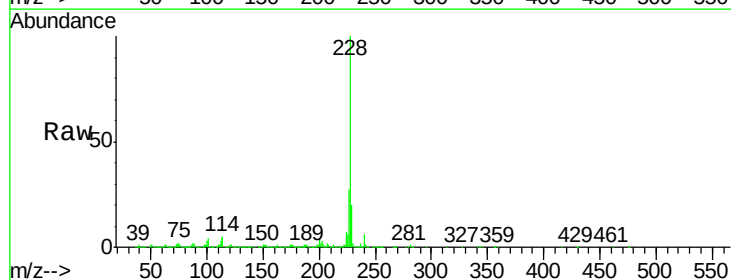


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM011333.D (-2927) (-)
Ion 206.00 (205.70 to 206.70): E

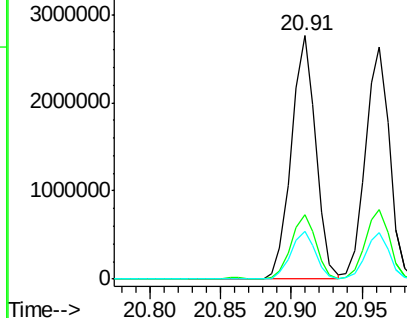
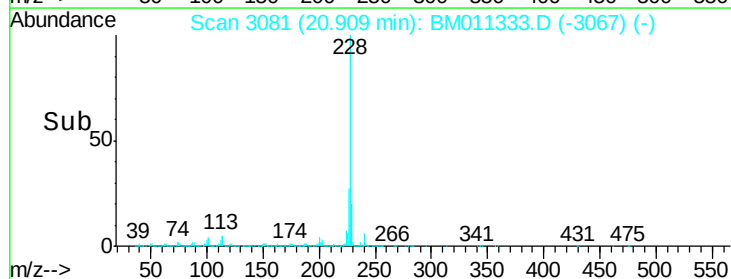


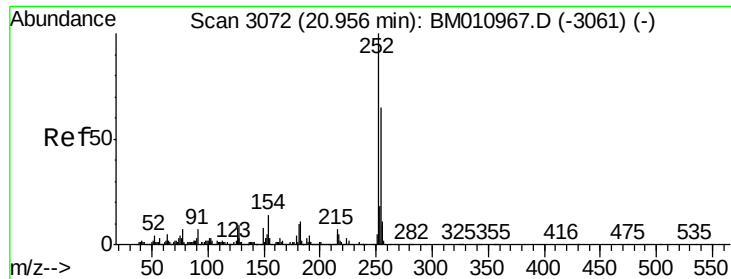
#80
Benzo(a)anthracene
Concen: 43.37 ng
RT: 20.91 min Scan# 3081
Delta R.T. -0.02 min
Lab File: BM011333.D
Acq: 22 Aug 2017 18:45

Tgt Ion:228 Resp: 3302977
Ion Ratio Lower Upper
228 100
226 26.5 21.7 32.5
229 19.8 16.0 24.0



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

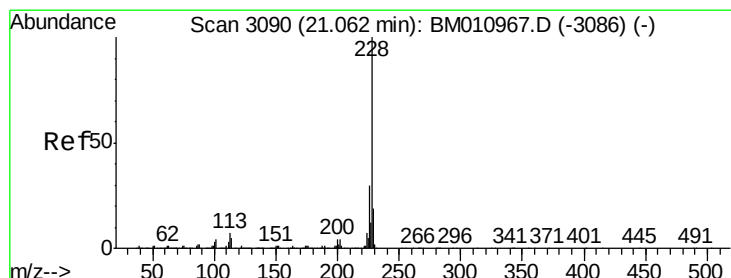
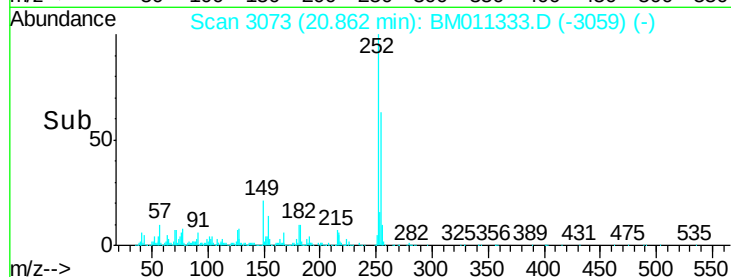
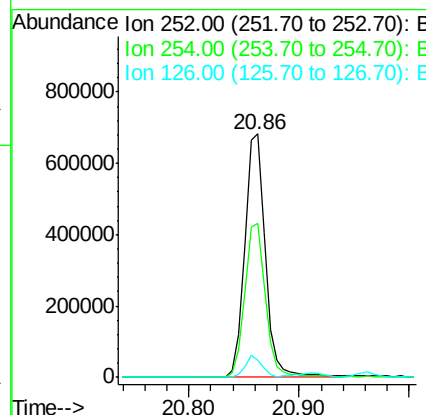
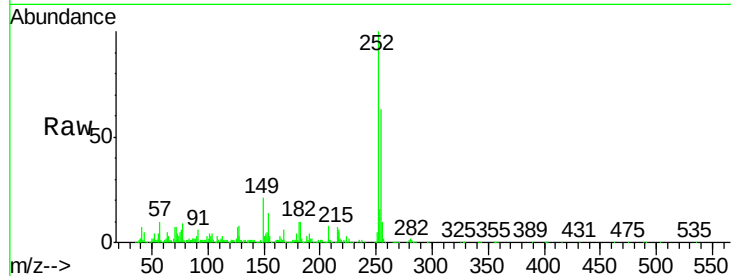




#81
 3,3'-Dichlorobenzidine
 Concen: 30.05 ng
 RT: 20.86 min Scan# 3073
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

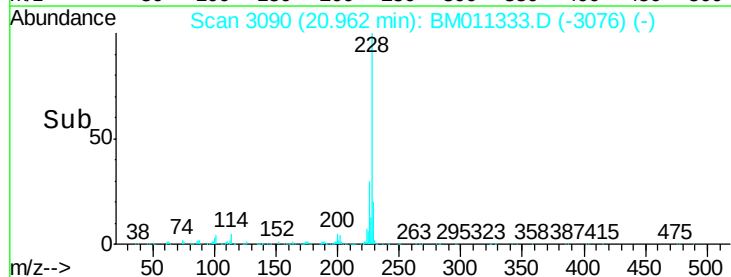
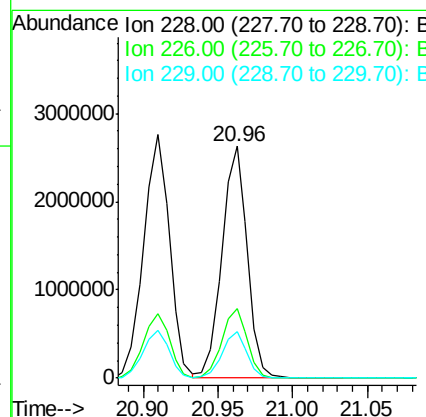
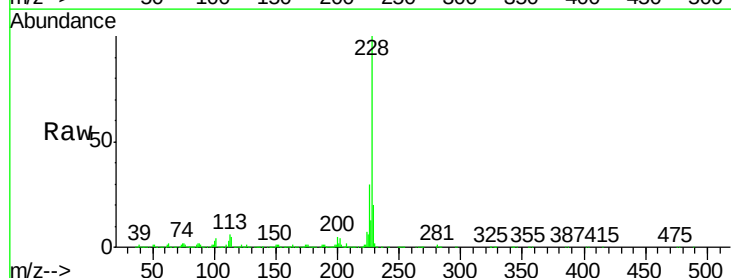
Instrument :
 BNA_M
 ClientSampleId :
 HR-06-081817MSD

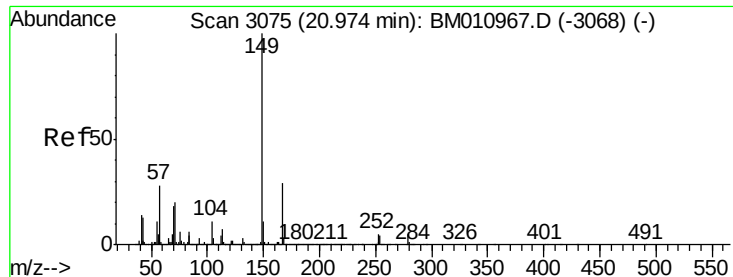
Tot Ion:252 Resp: 897738
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.9 77.9
 126 7.0 9.8 14.8#



#82
 Chrysene
 Concen: 42.59 ng
 RT: 20.96 min Scan# 3090
 Delta R.T. -0.02 min
 Lab File: BM011333.D
 Acq: 22 Aug 2017 18:45

Tgt Ion:228 Resp: 3113957
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.1 36.1
 229 19.9 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.40 ng

RT: 20.88 min Scan# 3076

Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

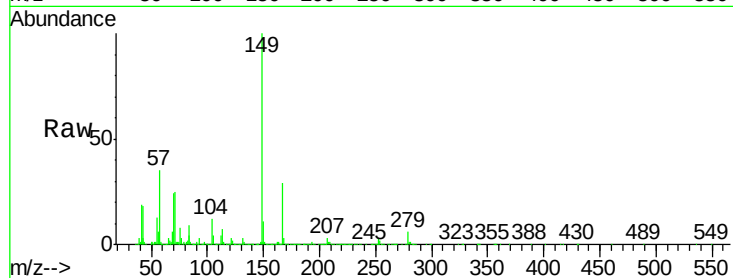
BNA_M

ClientSampleId :

HR-06-081817MSD

Tot Ion:149 Resp: 1674882

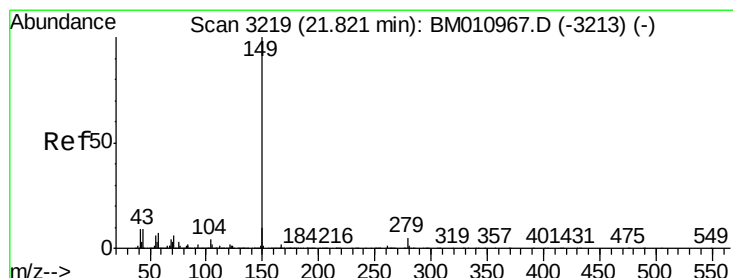
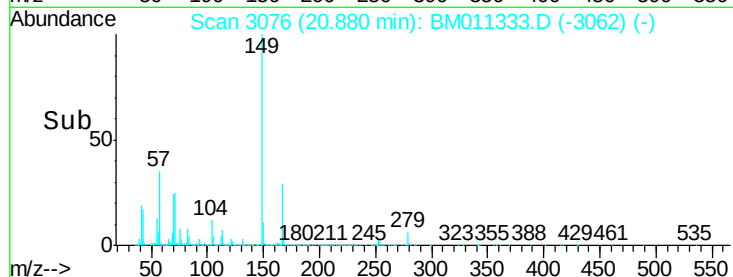
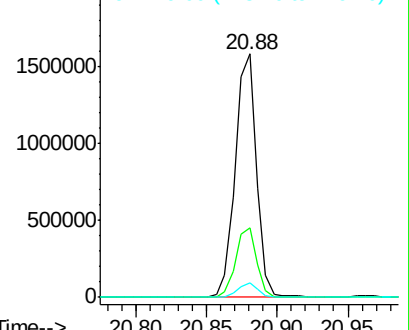
Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.4	33.6
279	6.0	3.4	5.0



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: 42.07 ng

RT: 21.72 min Scan# 3219

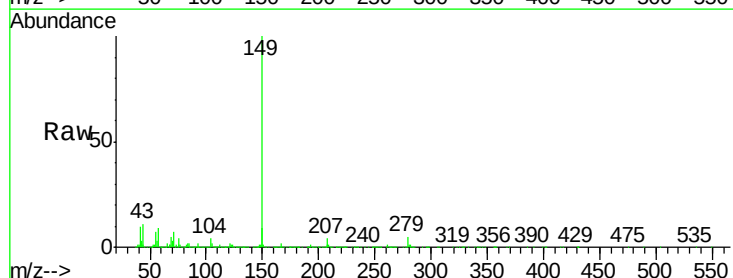
Delta R.T. -0.02 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Tgt Ion:149 Resp: 2830832

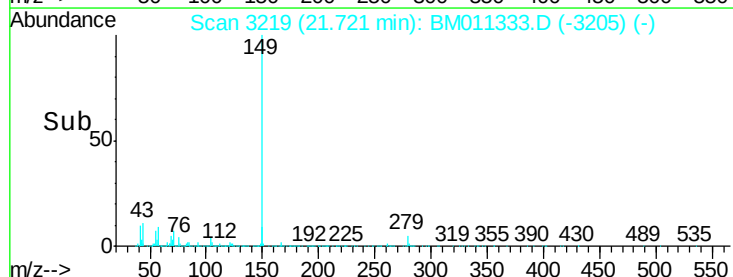
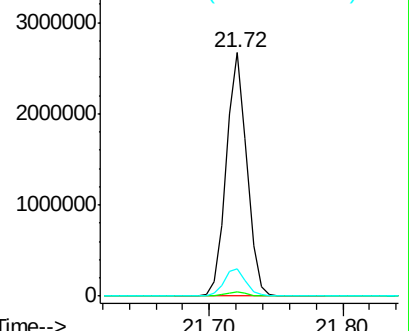
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	11.8	7.3	10.9

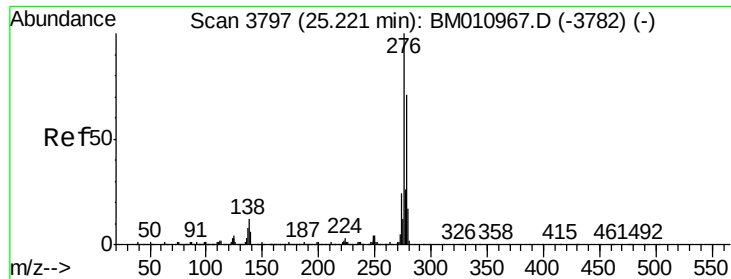


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.58 ng

RT: 25.00 min Scan# 3777

Delta R.T. -0.04 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

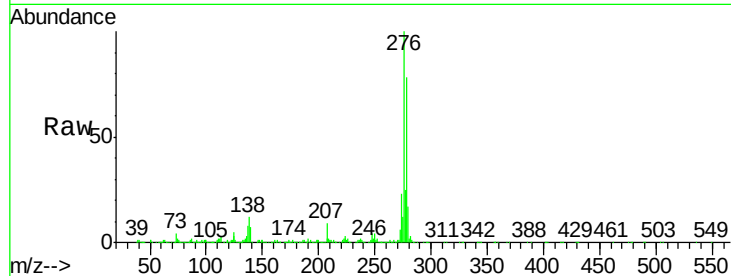
Tot Ion:276 Resp: 3375130

Ion Ratio Lower Upper

276 100

138 11.4 12.0 18.0#

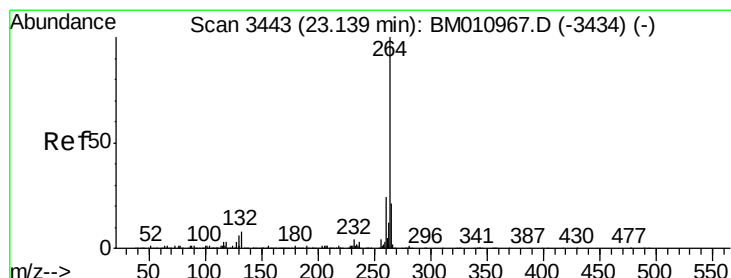
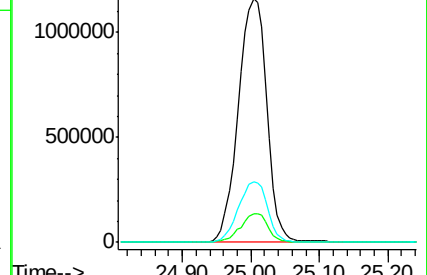
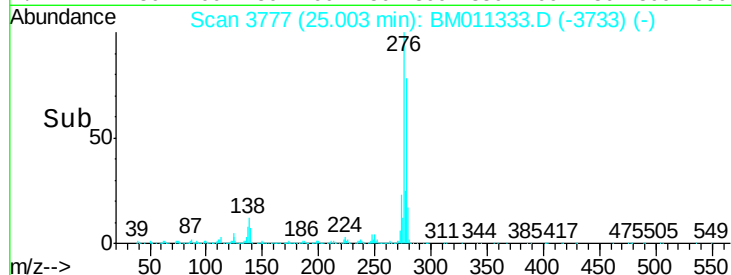
277 25.4 20.0 30.0



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: 22.99 min Scan# 3435

Delta R.T. -0.03 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

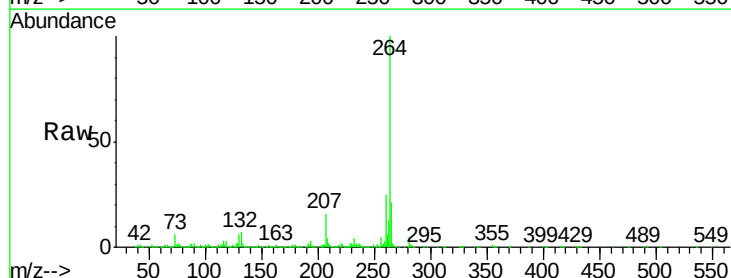
Tgt Ion:264 Resp: 1176675

Ion Ratio Lower Upper

264 100

260 25.0 18.6 27.8

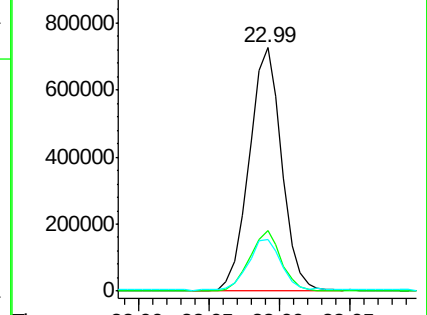
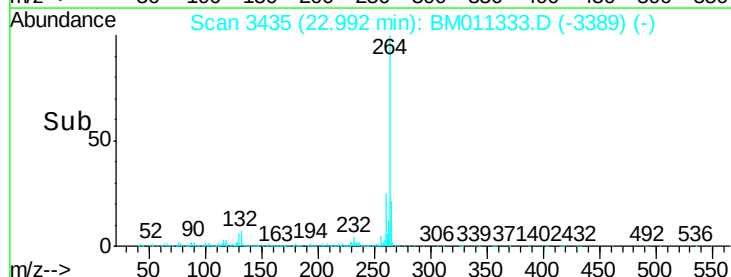
265 21.4 17.3 25.9

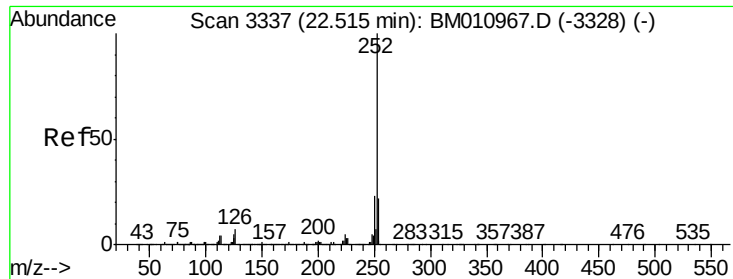


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.06 ng

RT: 22.39 min Scan# 3332

Delta R.T. -0.03 min

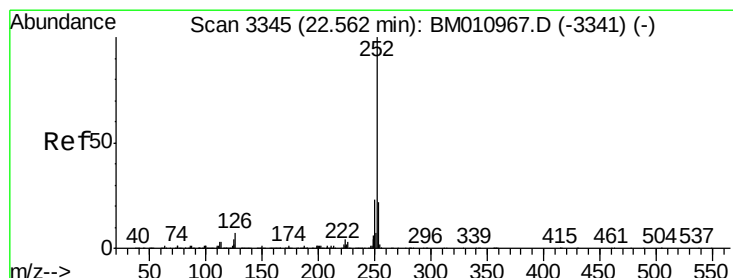
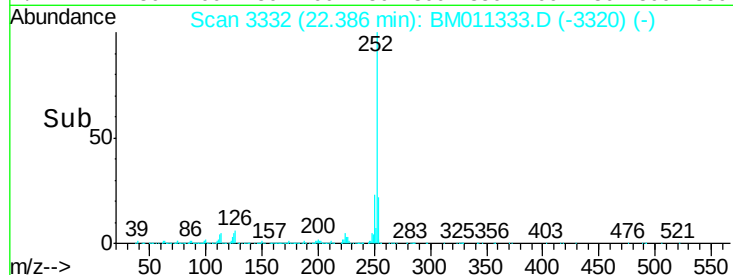
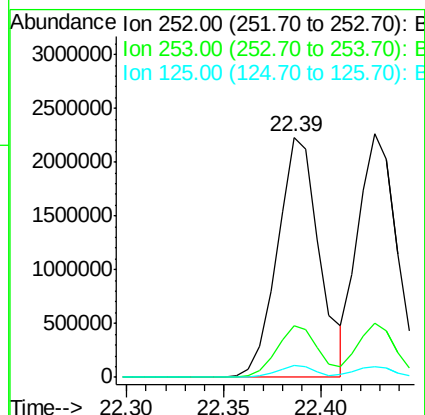
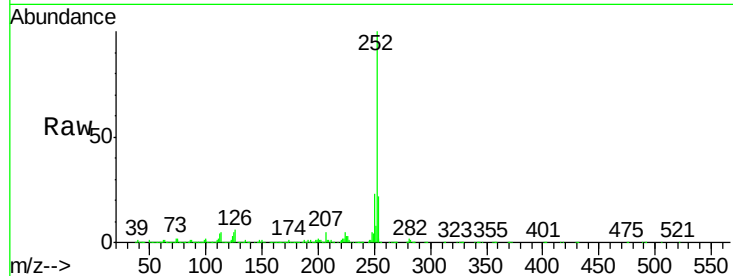
Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :
BNA_M
ClientSampleId :
HR-06-081817MSD

Tot Ion:252 Resp: 3327243

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	5.0	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 42.64 ng

RT: 22.43 min Scan# 3339

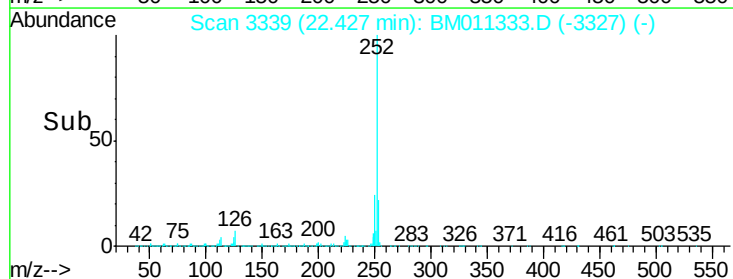
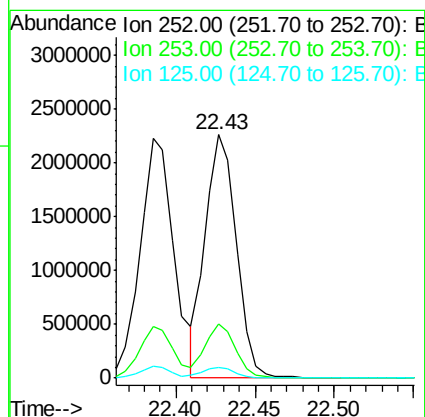
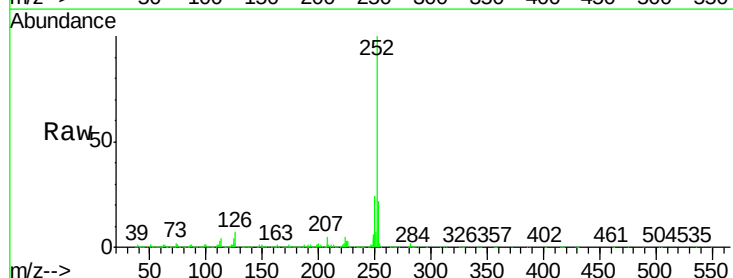
Delta R.T. -0.03 min

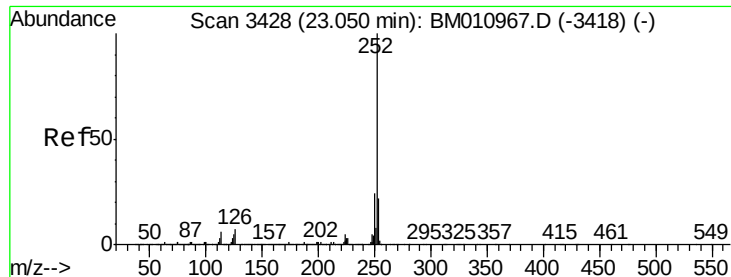
Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Tgt Ion:252 Resp: 3086608

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	4.4	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 44.87 ng

RT: 22.90 min Scan# 3420

Delta R.T. -0.03 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

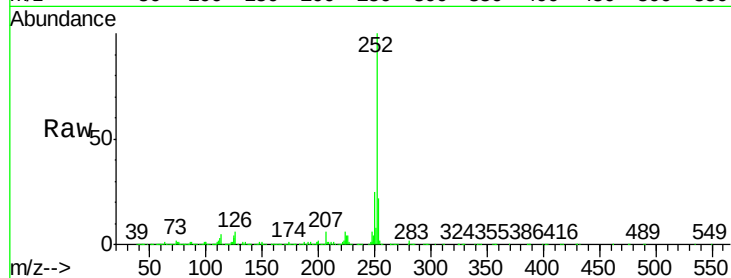
BNA_M

ClientSampleId :

HR-06-081817MSD

Tot Ion:252 Resp: 3066564

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	4.4	7.4	11.2#

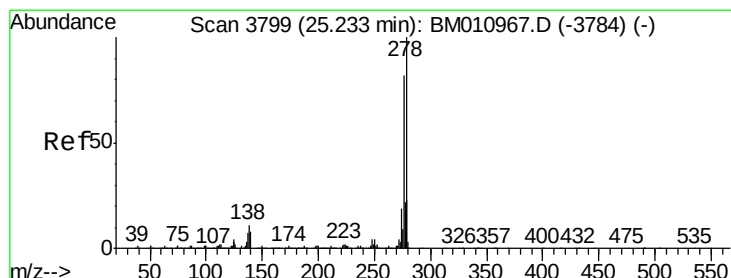
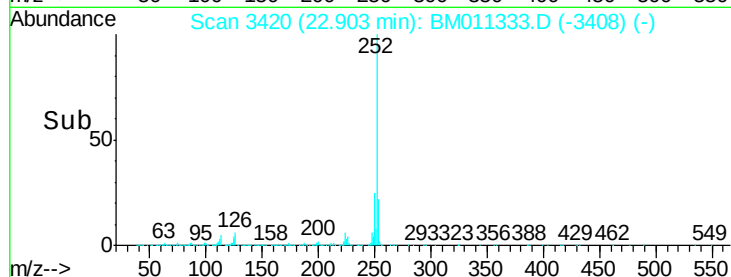
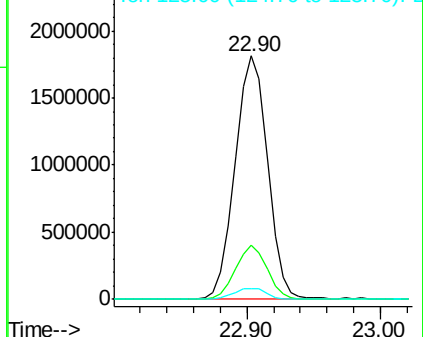


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.82 ng

RT: 25.02 min Scan# 3779

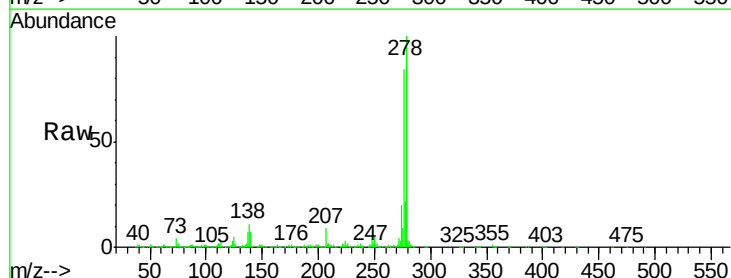
Delta R.T. -0.04 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Tgt Ion:278 Resp: 2776037

Ion	Ratio	Lower	Upper
278	100		
139	7.0	13.4	20.0#
279	24.4	19.0	28.4

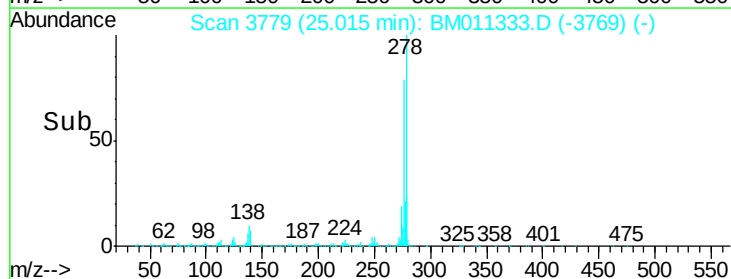
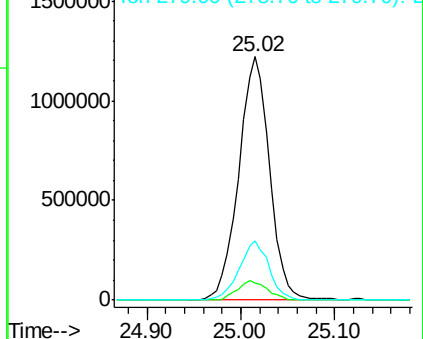


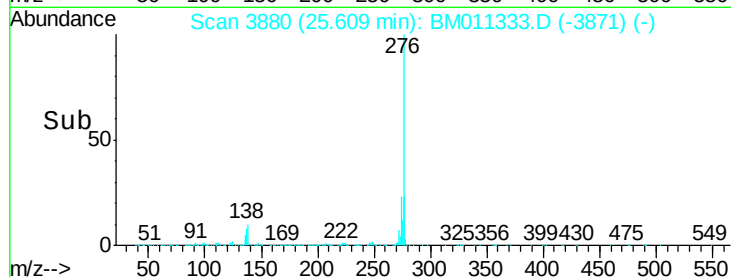
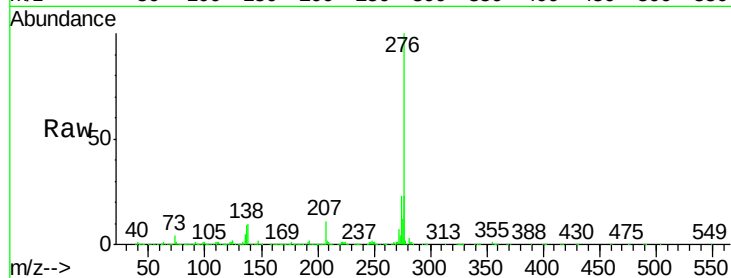
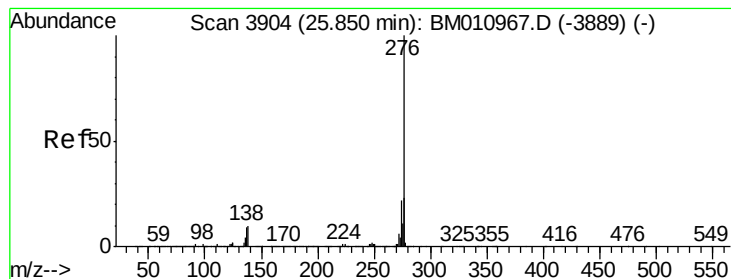
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.23 ng

RT: 25.61 min Scan# 3880

Delta R.T. -0.05 min

Lab File: BM011333.D

Acq: 22 Aug 2017 18:45

Instrument :

BNA_M

ClientSampleId :

HR-06-081817MSD

Tot Ion:276 Resp: 2813505

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 9.6 19.0 28.6#

