

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080117\
 Data File : BM011081.D
 Acq On : 01 Aug 2017 14:25
 Operator : SJ/JU
 Sample : I4476-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMS

Quant Time: Aug 01 16:16:21 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	186023	20.00	ng	0.00
21) Naphthalene-d8	10.14	136	782297	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	584559	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1618062	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1736071	20.00	ng	0.00
86) Perylene-d12	23.13	264	1347747	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	1225847	111.40	ng	0.00
7) Phenol-d6	6.59	99	1659583	106.14	ng	0.00
23) Nitrobenzene-d5	8.53	82	1629529	78.18	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	1271348	135.69	ng	0.00
44) 2-Fluorobiphenyl	12.65	172	3590882	77.04	ng	-0.01
78) Terphenyl-d14	19.46	244	7053062	80.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.04	88	135400	27.404	ng	# 100
3) Pyridine	3.43	79	177392	13.144	ng	# 87
4) n-Nitrosodimethylamine	3.33	42	264038	38.391	ng	# 63
6) Aniline	6.74	93	303327	15.393	ng	# 86
8) 2-Chlorophenol	6.96	128	392640	35.144	ng	# 74
9) Benzaldehyde	6.55	77	363187	35.901	ng	# 71
10) Phenol	6.61	94	560115	32.982	ng	# 91
11) bis(2-Chloroethyl)ether	6.83	93	512518	38.733	ng	# 91
12) 1,3-Dichlorobenzene	7.27	146	407306	29.914	ng	# 82
13) 1,4-Dichlorobenzene	7.42	146	426992	30.594	ng	# 89
14) 1,2-Dichlorobenzene	7.73	146	406022	30.427	ng	# 88
15) Benzyl Alcohol	7.63	79	640261	42.687	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	7.92	45	454733	38.190	ng	# 79
17) 2-Methylphenol	7.83	107	415056	38.241	ng	# 73
18) Hexachloroethane	8.44	117	194476	31.952	ng	# 82
19) n-Nitroso-di-n-propylamine	8.19	70	538245	40.511	ng	# 91
20) 3+4-Methylphenols	8.16	107	565223	37.463	ng	# 82
22) Acetophenone	8.20	105	834224	35.575	ng	# 92
24) Nitrobenzene	8.57	77	807618	37.391	ng	# 84
25) Isophorone	9.10	82	1369318	39.401	ng	# 85
26) 2-Nitrophenol	9.27	139	234384	34.105	ng	# 7
27) 2,4-Dimethylphenol	9.35	122	447056	36.952	ng	# 65
28) bis(2-Chloroethoxy)methane	9.59	93	732855	37.809	ng	# 97
29) 2,4-Dichlorophenol	9.80	162	524461	38.578	ng	# 91
30) 1,2,4-Trichlorobenzene	10.01	180	589234	35.054	ng	# 96
31) Naphthalene	10.19	128	1370319	34.820	ng	# 99
32) Benzoic acid	9.50	122	288179	29.634	ng	# 49
33) 4-Chloroaniline	10.36	127	293481	18.694	ng	# 70
34) Hexachlorobutadiene	10.48	225	460382	34.774	ng	# 96
35) Caprolactam	11.11	113	56530	14.663	ng	# 87
36) 4-Chloro-3-methylphenol	11.45	107	678335	38.642	ng	# 75
37) 2-Methylnaphthalene	11.82	142	1168483	40.417	ng	# 86
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	883844	35.193	ng	# 100
40) Hexachlorocyclopentadiene	12.18	237	1310027	89.519	ng	# 99

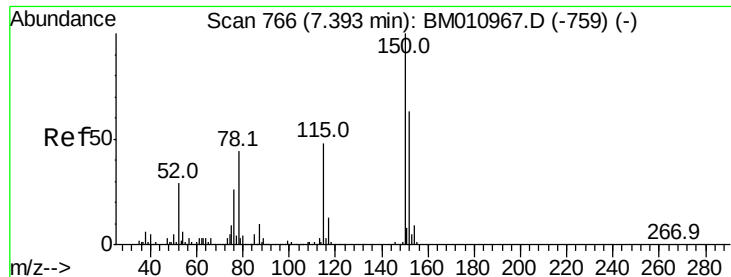
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080117\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.45	196	561771	36.956	ng	96
43) 2,4,5-Trichlorophenol	12.52	196	607690	38.815	ng	# 87
45) 1,1'-Biphenyl	12.86	154	1746044	34.544	ng	97
46) 2-Chloronaphthalene	12.90	162	1387601	37.260	ng	93
47) 2-Nitroaniline	13.12	65	596483	45.273	ng	# 65
48) Acenaphthylene	13.76	152	2117935	38.107	ng	99
49) Dimethylphthalate	13.52	163	1950275	39.000	ng	# 99
50) 2,6-Dinitrotoluene	13.63	165	405363	40.086	ng	# 42
51) Acenaphthene	14.10	154	1305310	37.930	ng	98
52) 3-Nitroaniline	13.96	138	277879	31.667	ng	# 37
53) 2,4-Dinitrophenol	14.17	184	553914	77.075	ng	# 80
54) Dibenzofuran	14.44	168	2375390	42.600	ng	# 89
55) 4-Nitrophenol	14.29	139	524937	68.088	ng	# 82
56) 2,4-Dinitrotoluene	14.43	165	597692	42.102	ng	85
57) Fluorene	15.10	166	1994910	41.091	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.68	232	679028	46.272	ng	# 100
59) Diethylphthalate	14.90	149	2113375	41.382	ng	100
60) 4-Chlorophenyl-phenylether	15.10	204	1216496	41.502	ng	98
61) 4-Nitroaniline	15.14	138	366804	39.354	ng	# 1
62) Azobenzene	15.40	77	2684327	49.112	ng	86
64) 4,6-Dinitro-2-methylphenol	15.20	198	407984	37.245	ng	90
65) n-Nitrosodiphenylamine	15.33	169	1726120	37.276	ng	99
66) 4-Bromophenyl-phenylether	16.00	248	832620	40.028	ng	# 89
67) Hexachlorobenzene	16.10	284	859158	36.552	ng	# 87
68) Atrazine	16.30	200	252660	13.615	ng	94
69) Pentachlorophenol	16.46	266	1121438	75.150	ng	97
70) Phenanthrene	16.84	178	3519933	41.545	ng	99
71) Anthracene	16.93	178	3481858	41.207	ng	99
72) Carbazole	17.21	167	2802085	37.919	ng	99
73) Di-n-butylphthalate	17.80	149	3606225	40.074	ng	# 96
74) Fluoranthene	18.87	202	4353983	41.469	ng	98
76) Benzidine	19.09	184	165638	3.988	ng	97
77) Pyrene	19.24	202	4471819	43.350	ng	99
79) Butylbenzylphthalate	20.18	149	1572310	42.864	ng	# 69
80) Benzo(a)anthracene	21.00	228	4070838	41.066	ng	99
81) 3,3'-Dichlorobenzidine	20.95	252	246960	6.351	ng	# 97
82) Chrysene	21.06	228	3781951	39.746	ng	99
83) Bis(2-ethylhexyl)phthalate	20.97	149	2177296	40.348	ng	99
84) Di-n-octyl phthalate	21.82	149	3405105	38.879	ng	98
85) Indeno(1,2,3-cd)pyrene	25.20	276	3382625	34.325	ng	# 97
87) Benzo(b)fluoranthene	22.51	252	3524632	40.747	ng	# 92
88) Benzo(k)fluoranthene	22.55	252	3494677	42.152	ng	# 94
89) Benzo(a)pyrene	23.04	252	3255018	41.586	ng	# 96
90) Dibenzo(a,h)anthracene	25.22	278	2765704	38.116	ng	# 91
91) Benzo(g,h,i)perylene	25.84	276	2735997	38.400	ng	# 84

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

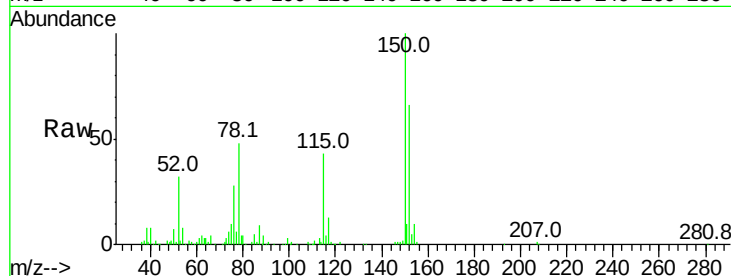


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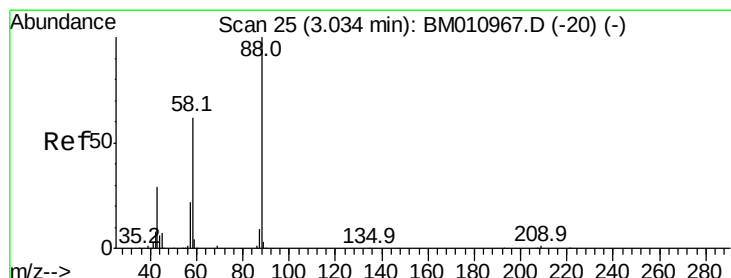
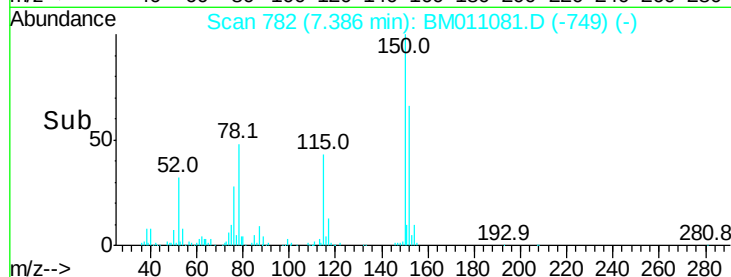
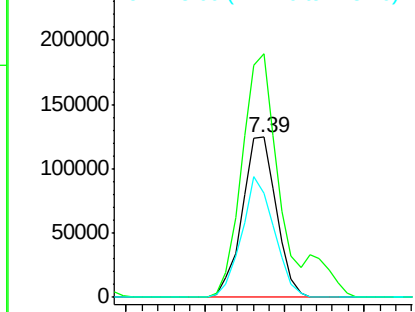
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011081.D
Acq: 01 Aug 2017 14:25

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMS

Tot Ion:152 Resp: 186023
Ion Ratio Lower Upper
152 100
150 151.9 119.5 179.3
115 64.8 43.0 64.4#



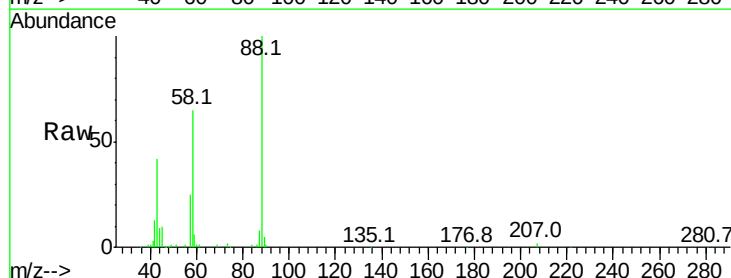
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



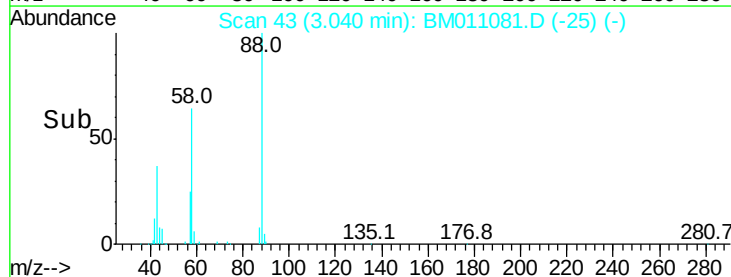
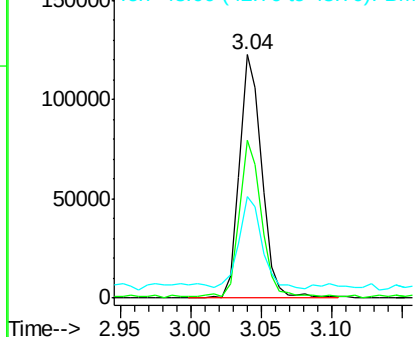
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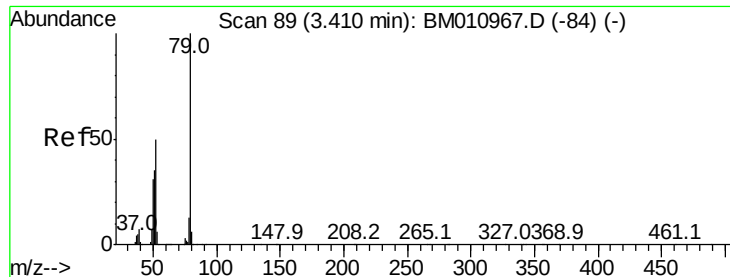
1,4-Dioxane
Concen: 27.404 ng
RT: 3.04 min Scan# 43
Delta R.T. 0.01 min
Lab File: BM011081.D
Acq: 01 Aug 2017 14:25

Tgt Ion: 88 Resp: 135400
Ion Ratio Lower Upper
88 100
58 63.5 0.0 0.0#
43 39.4 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

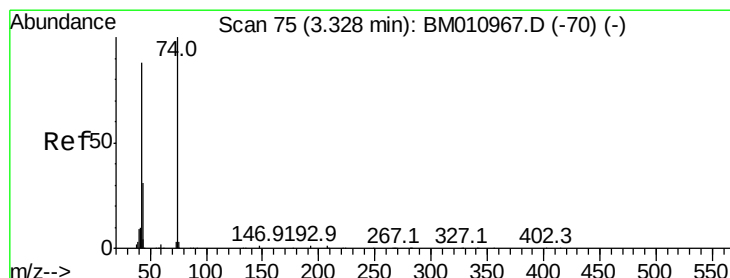
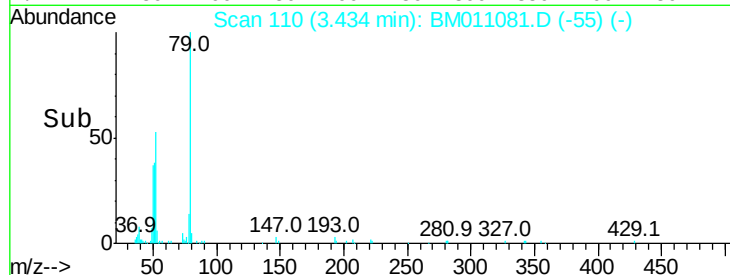
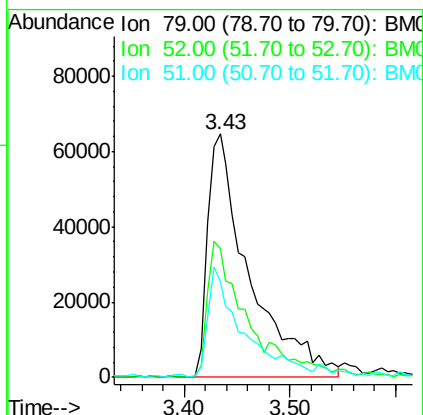
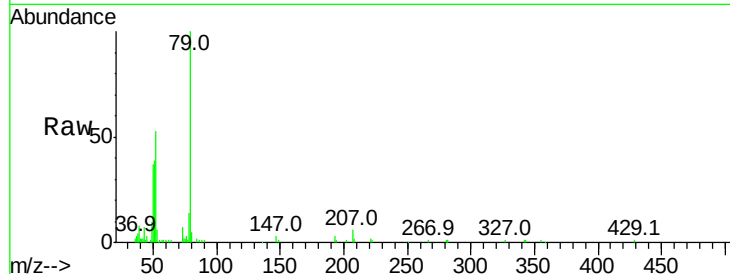




#3
 Pvridine
 Concen: 13.144 ng
 RT: 3.43 min Scan# 110
 Delta R.T. 0.02 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

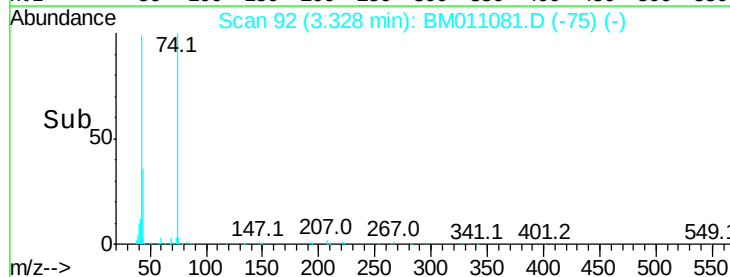
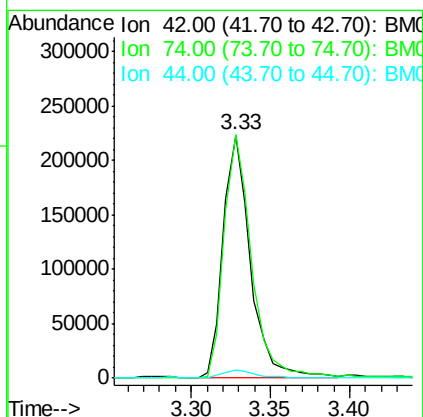
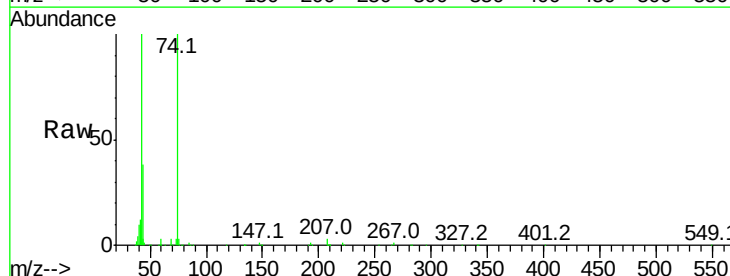
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMS

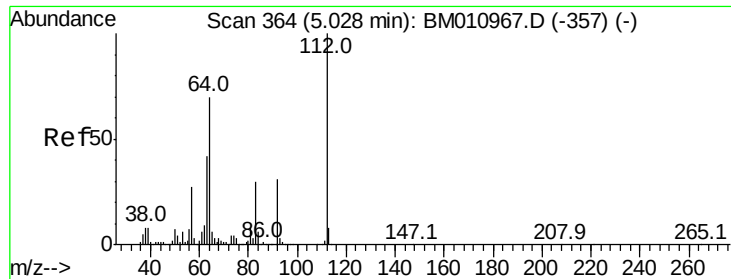
Tot Ion: 79 Resp: 177392
 Ion Ratio Lower Upper
 79 100
 52 52.6 51.1 76.7
 51 39.0 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 38.391 ng
 RT: 3.33 min Scan# 92
 Delta R.T. -0.00 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

Tgt Ion: 42 Resp: 264038
 Ion Ratio Lower Upper
 42 100
 74 100.4 119.3 178.9#
 44 3.4 5.4 8.2#





#5

2-Fluorophenol

Concen: 111.396 ng

RT: 5.03 min Scan# 381

Delta R.T. 0.00 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

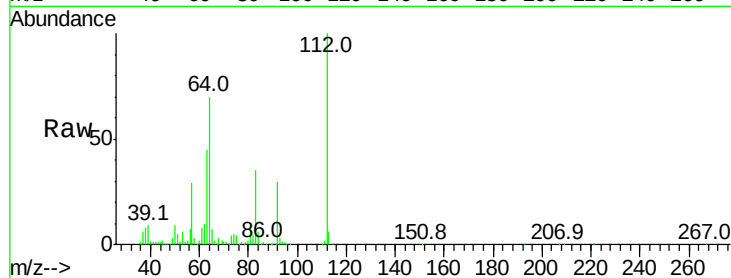
Tot Ion:112 Resp: 1225847

Ion Ratio Lower Upper

112 100

64 70.4 38.6 57.8#

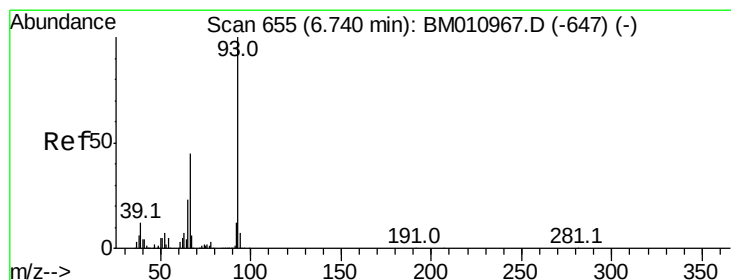
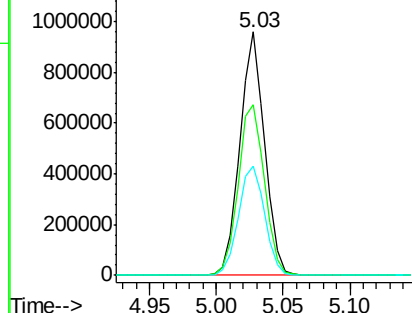
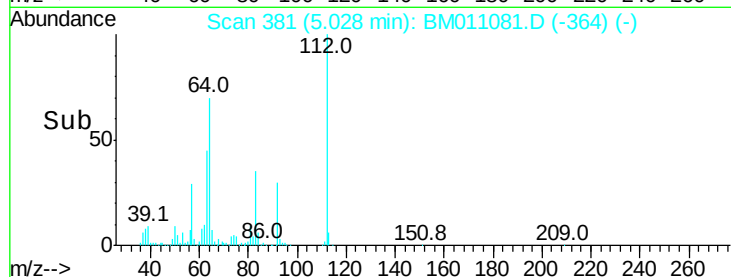
63 44.8 19.3 28.9#



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: 15.393 ng

RT: 6.74 min Scan# 672

Delta R.T. -0.00 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

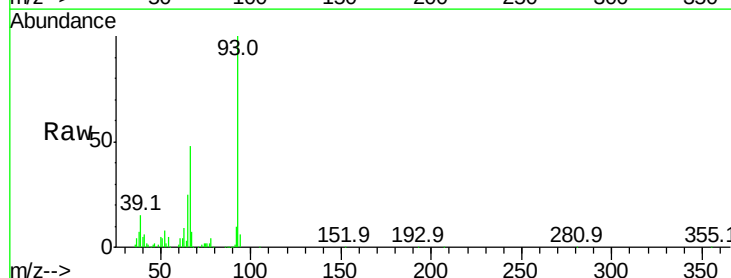
Tgt Ion: 93 Resp: 303327

Ion Ratio Lower Upper

93 100

66 47.9 30.8 46.2#

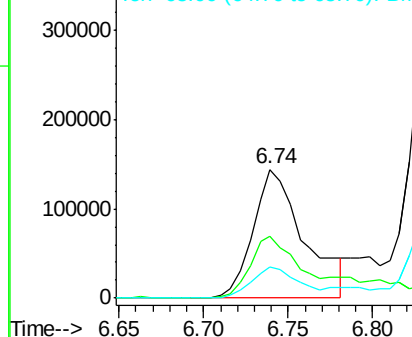
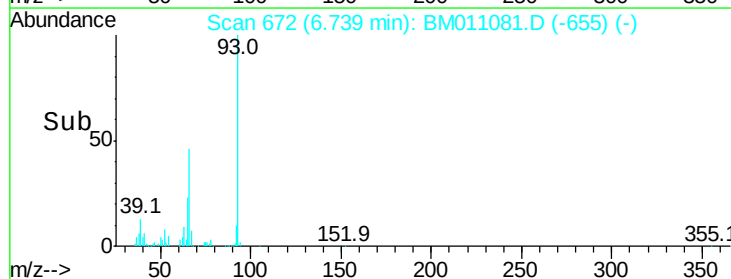
65 24.5 16.0 24.0#

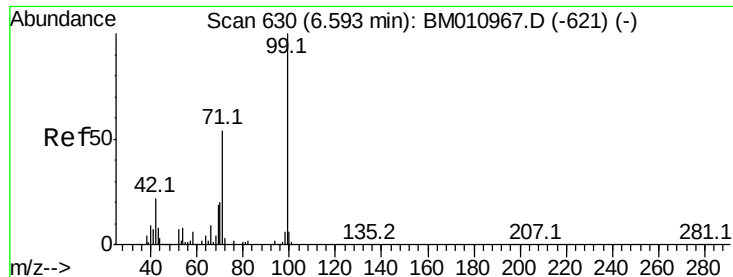


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 106.144 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

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ClientSampleId :

TP-8-LENOX-AVEMS

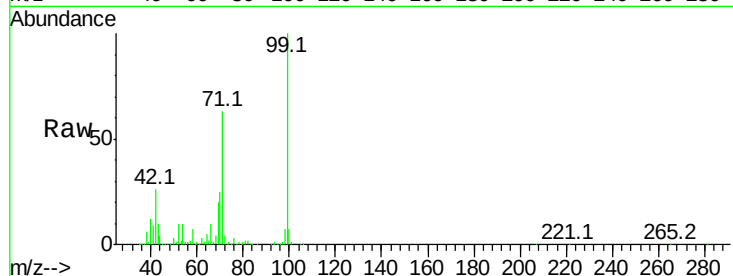
Tot Ion: 99 Resp: 1659583

Ion Ratio Lower Upper

99 100

42 26.1 11.0 16.4#

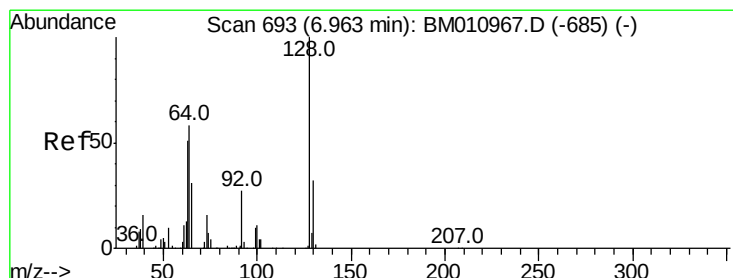
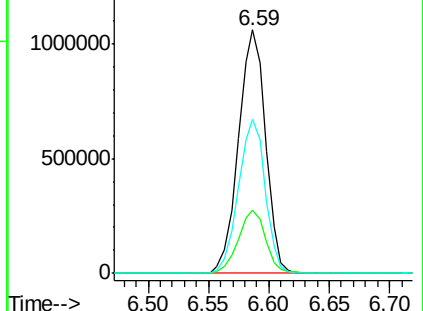
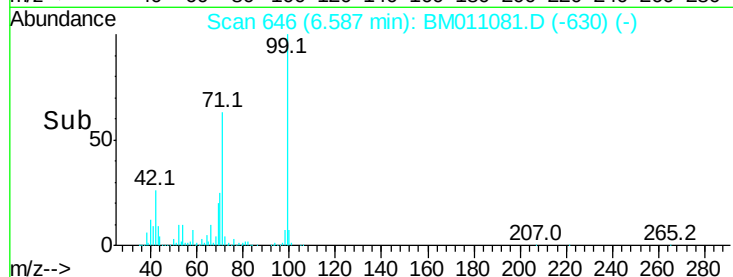
71 63.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011081.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011081.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011081.D (-630) (-)



#8

2-Chlorophenol

Concen: 35.144 ng

RT: 6.96 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

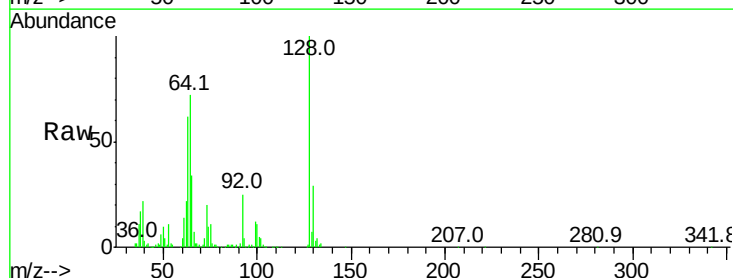
Tgt Ion:128 Resp: 392640

Ion Ratio Lower Upper

128 100

130 29.3 12.0 52.0

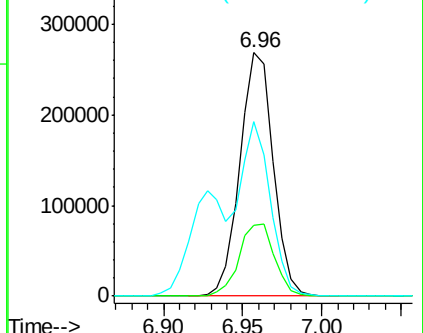
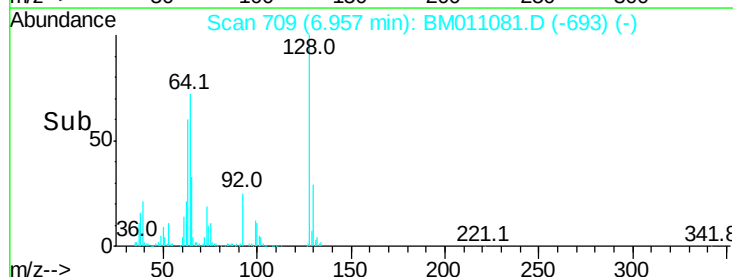
64 71.7 24.9 64.9#

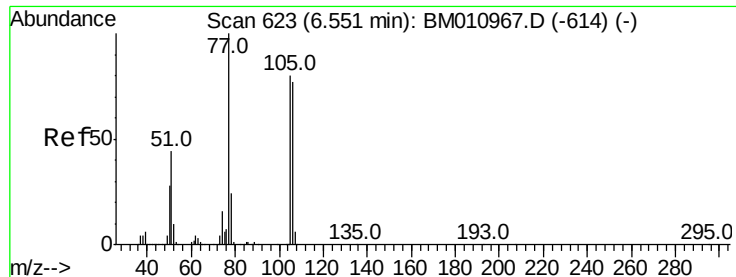


Abundance Ion 128.00 (127.70 to 128.70): BM011081.D (-693) (-)

Ion 130.00 (129.70 to 130.70): BM011081.D (-693) (-)

Ion 64.00 (63.70 to 64.70): BM011081.D (-693) (-)





#9

Benzaldehyde

Concen: 35.901 ng

RT: 6.55 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

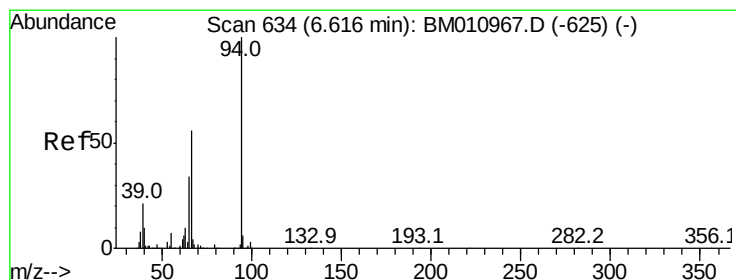
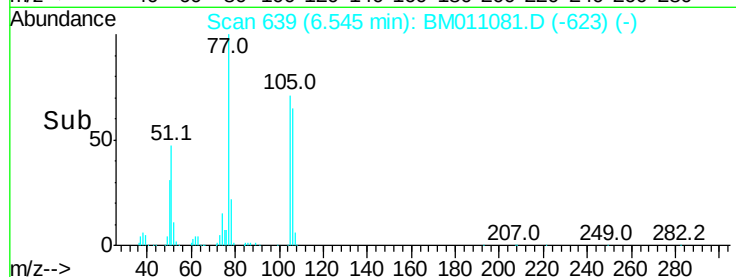
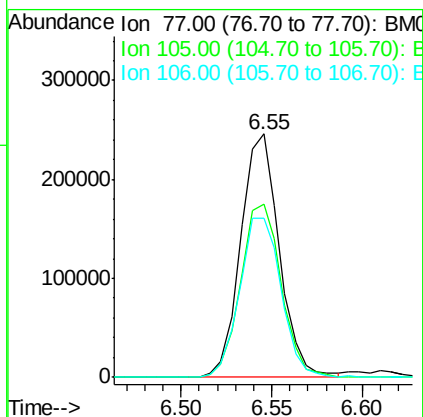
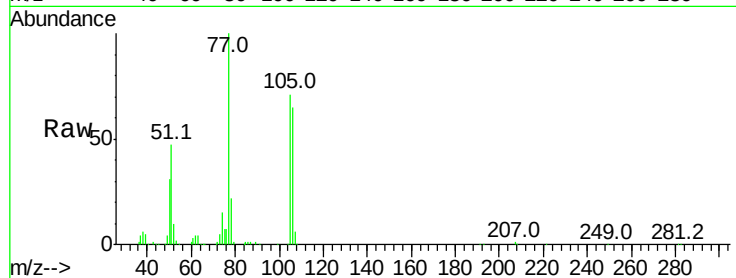
Tot Ion: 77 Resp: 363187

Ion Ratio Lower Upper

77 100

105 71.1 78.8 118.8#

106 65.2 73.7 113.7#



#10

Phenol

Concen: 32.982 ng

RT: 6.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

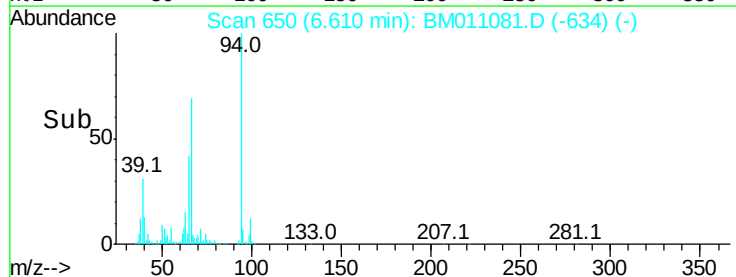
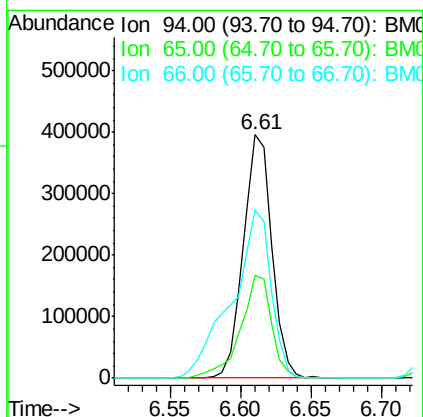
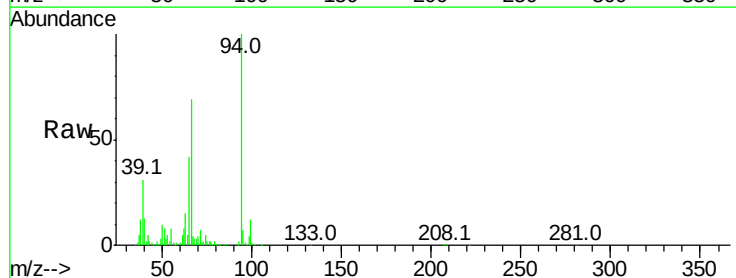
Tgt Ion: 94 Resp: 560115

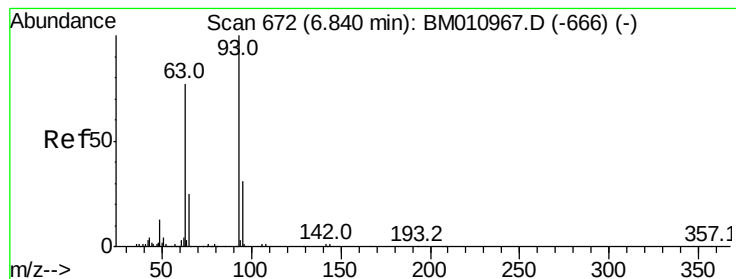
Ion Ratio Lower Upper

94 100

65 42.3 18.8 58.8

66 68.9 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 38.733 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

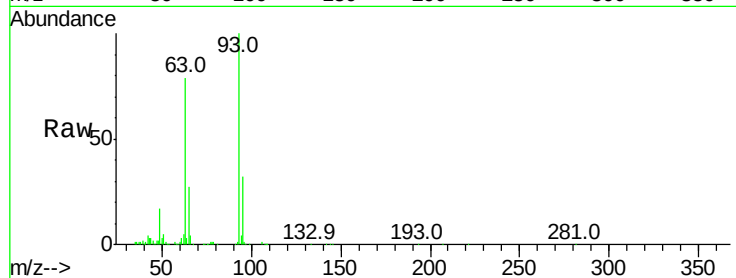
Tot Ion: 93 Resp: 512518

Ion Ratio Lower Upper

93 100

63 79.0 49.5 89.5

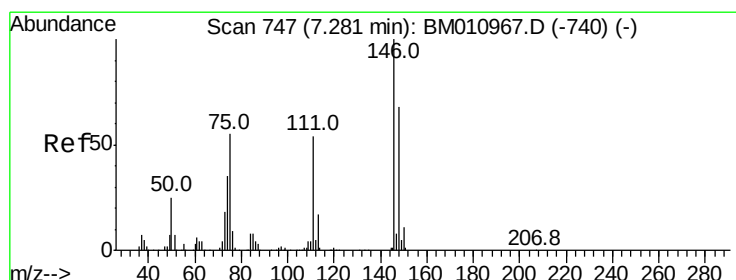
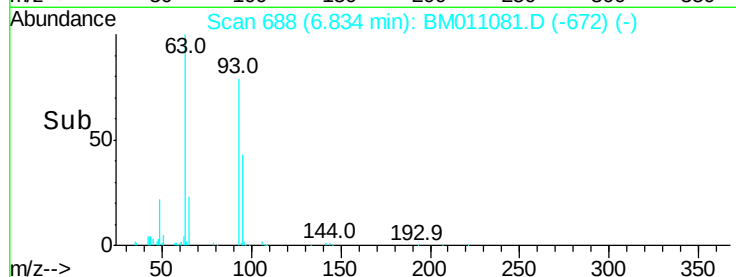
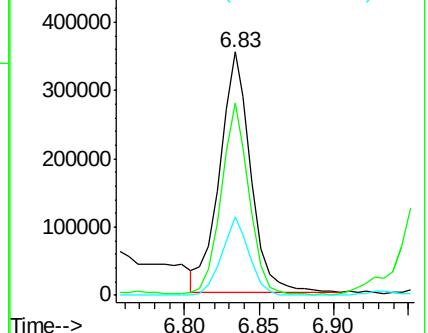
95 32.2 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM011081.D (-672) (-)

Ion 63.00 (62.70 to 63.70): BM011081.D (-672) (-)

Ion 95.00 (94.70 to 95.70): BM011081.D (-672) (-)



#12

1,3-Dichlorobenzene

Concen: 29.914 ng

RT: 7.27 min Scan# 763

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

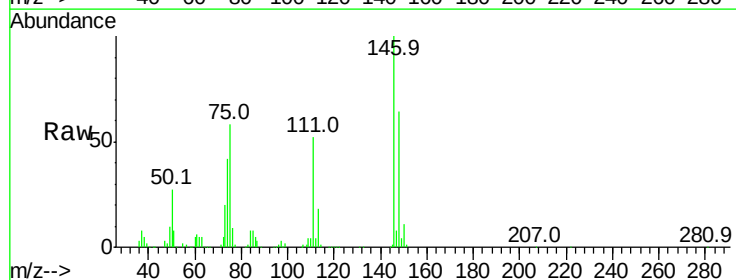
Tgt Ion: 146 Resp: 407306

Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

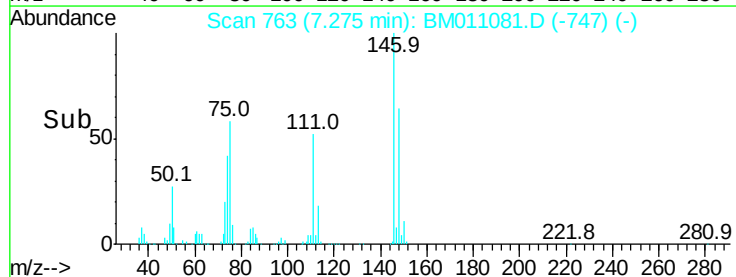
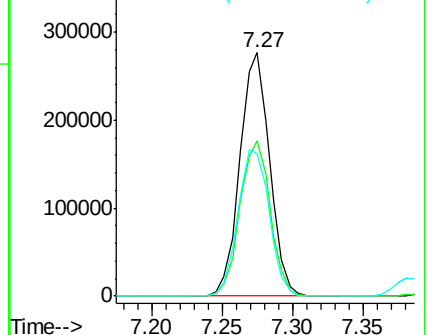
75 58.5 21.4 32.2#

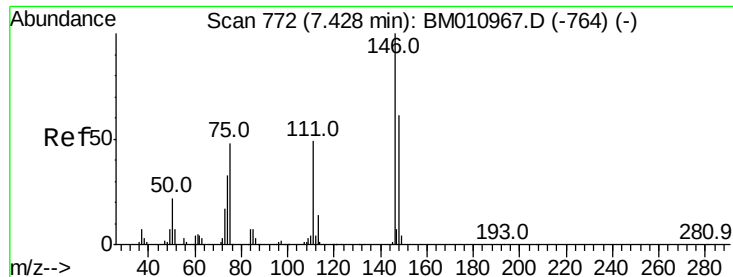


Abundance Ion 146.00 (145.70 to 146.70): BM011081.D (-747) (-)

Ion 148.00 (147.70 to 148.70): BM011081.D (-747) (-)

Ion 75.00 (74.70 to 75.70): BM011081.D (-747) (-)

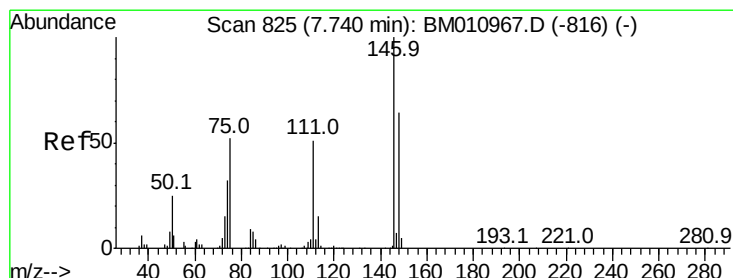
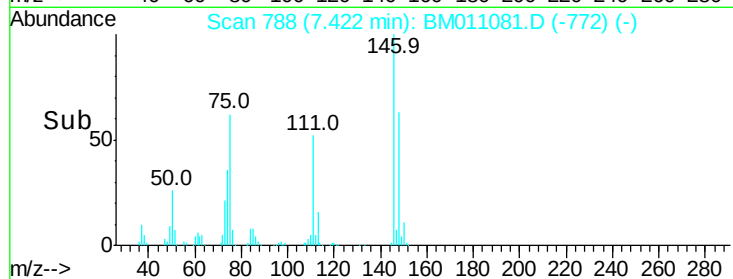
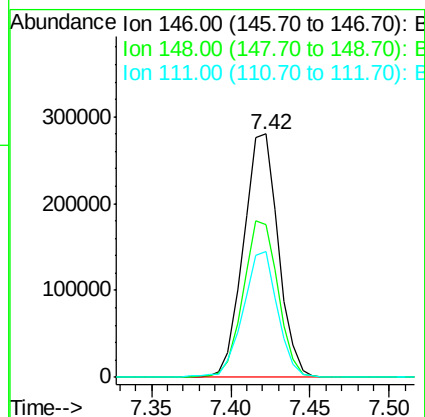
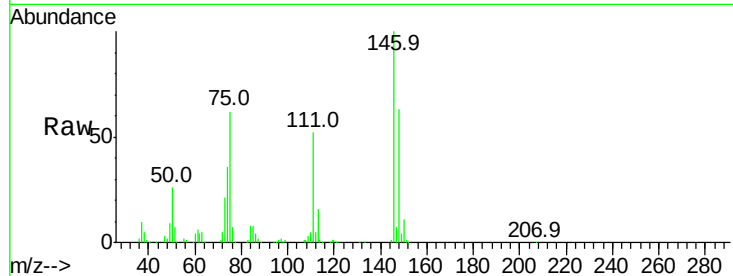




#13
 1,4-Dichlorobenzene
 Concen: 30.594 ng
 RT: 7.42 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

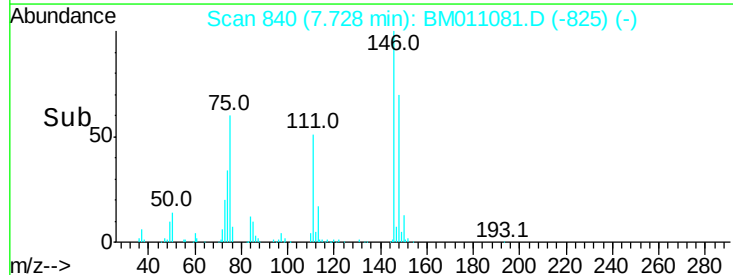
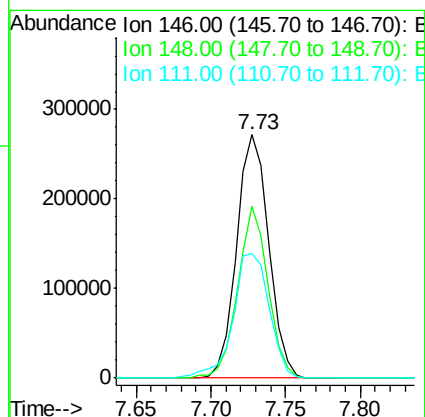
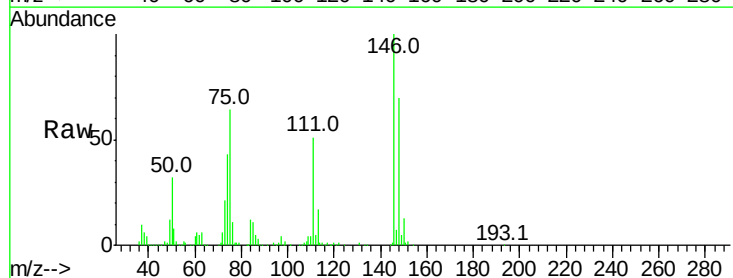
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMS

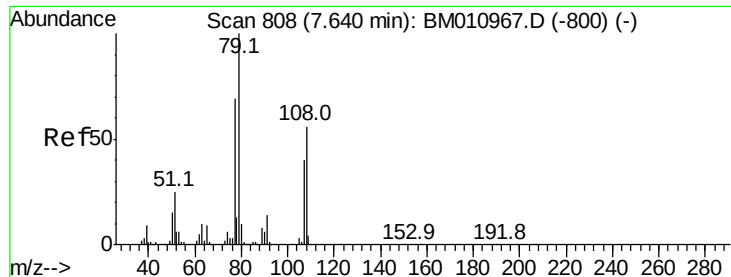
Tot Ion:146 Resp: 426992
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.9 77.9
 111 51.7 29.2 43.8#



#14
 1,2-Dichlorobenzene
 Concen: 30.427 ng
 RT: 7.73 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

Tgt Ion:146 Resp: 406022
 Ion Ratio Lower Upper
 146 100
 148 70.4 52.3 78.5
 111 51.0 30.6 45.8#





#15

Benzyl Alcohol

Concen: 42.687 ng

RT: 7.63 min Scan# 824

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

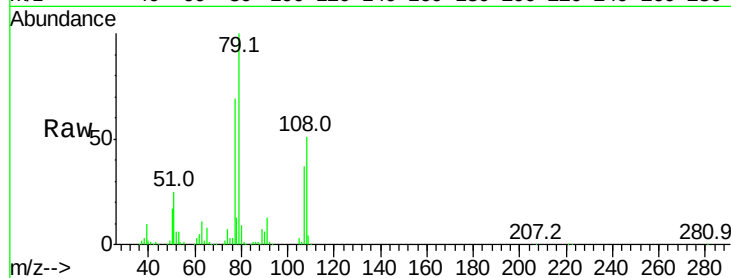
Tot Ion: 79 Resp: 640261

Ion Ratio Lower Upper

79 100

108 50.7 65.0 97.4#

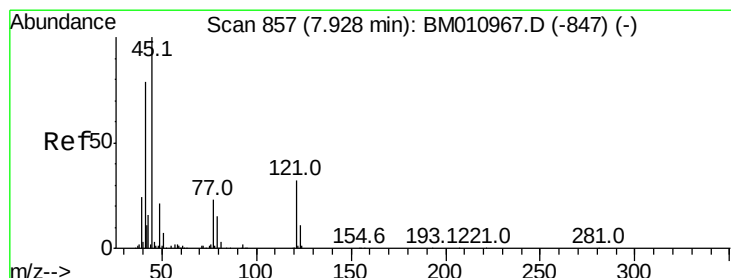
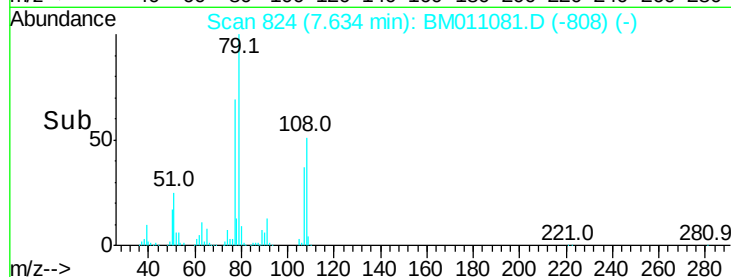
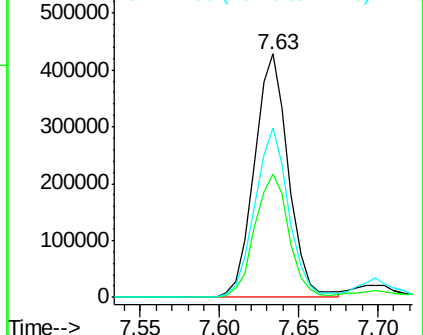
77 69.4 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM011081.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM011081.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM011081.D (-808) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.190 ng

RT: 7.92 min Scan# 873

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

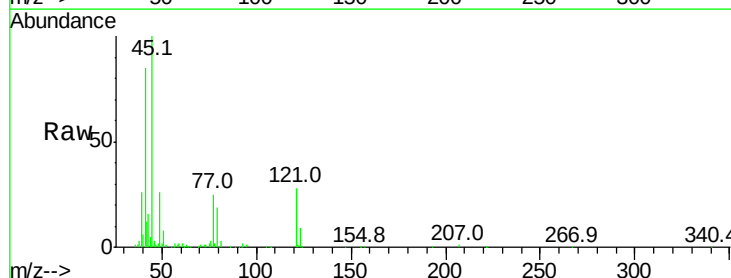
Tgt Ion: 45 Resp: 454733

Ion Ratio Lower Upper

45 100

77 24.8 0.0 35.2

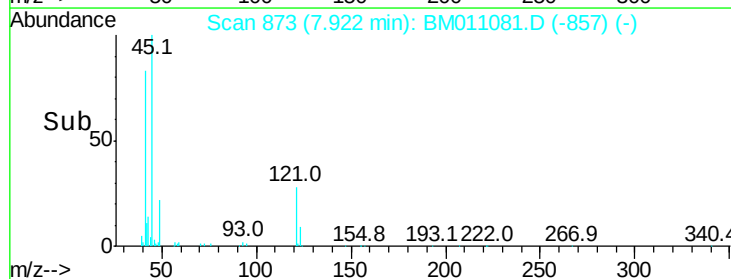
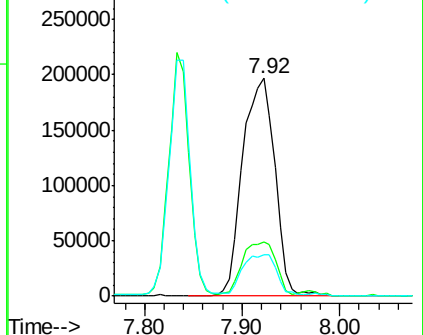
79 18.9 0.0 32.0

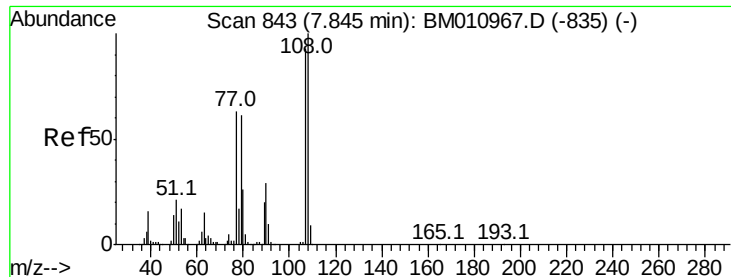


Abundance Ion 45.00 (44.70 to 45.70): BM011081.D (-857) (-)

Ion 77.00 (76.70 to 77.70): BM011081.D (-857) (-)

Ion 79.00 (78.70 to 79.70): BM011081.D (-857) (-)





#17

2-Methylphenol

Concen: 38.241 ng

RT: 7.83 min Scan# 858

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

Tot Ion:107 Resp: 415056

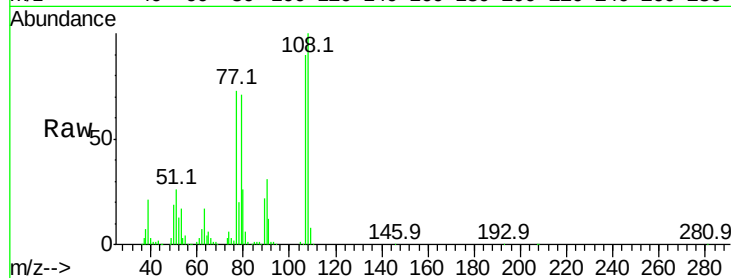
Ion Ratio Lower Upper

107 100

108 111.4 89.8 134.8

77 81.4 32.6 48.8#

79 78.9 32.8 49.2#

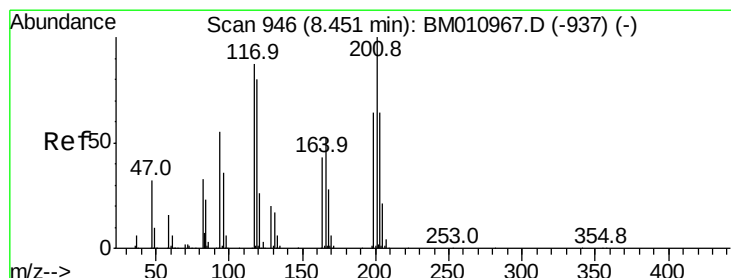
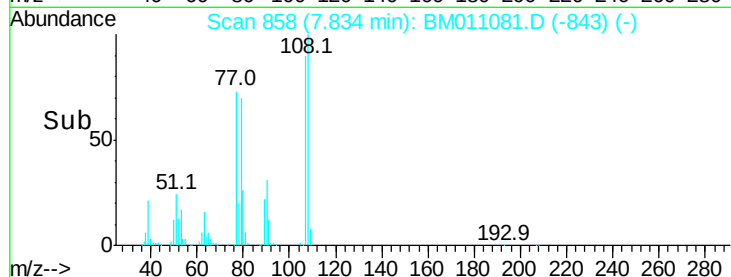
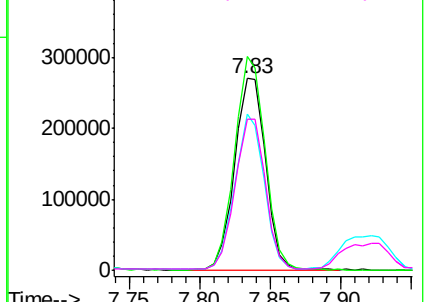


Abundance Ion 107.00 (106.70 to 107.70): E

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: 31.952 ng

RT: 8.44 min Scan# 961

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

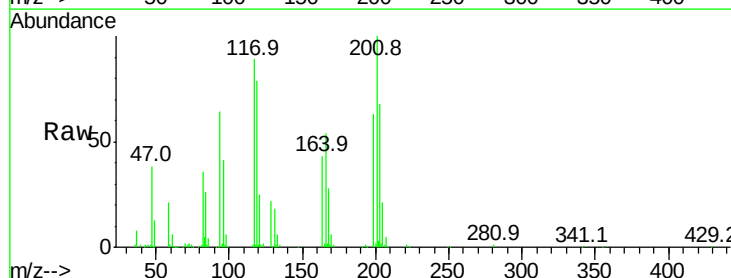
Tgt Ion:117 Resp: 194476

Ion Ratio Lower Upper

117 100

119 88.8 79.2 118.8

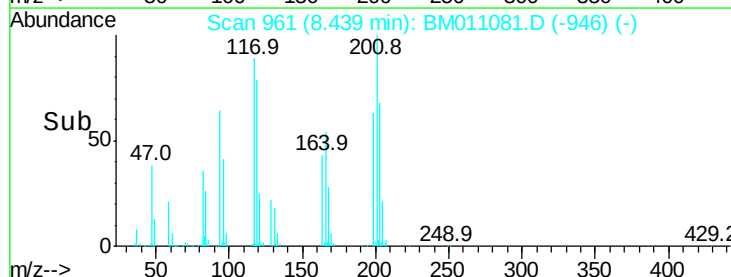
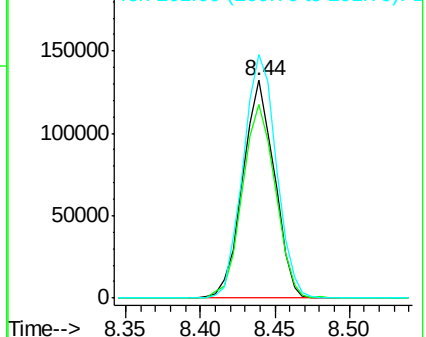
201 112.0 69.8 104.6#

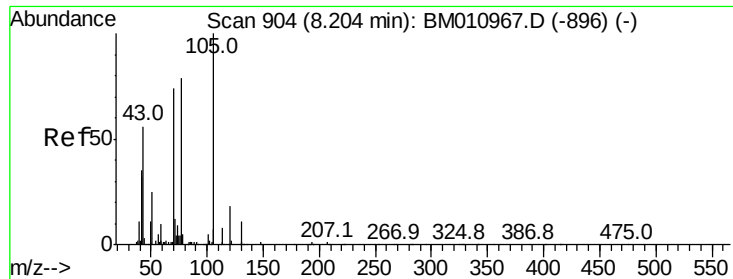


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

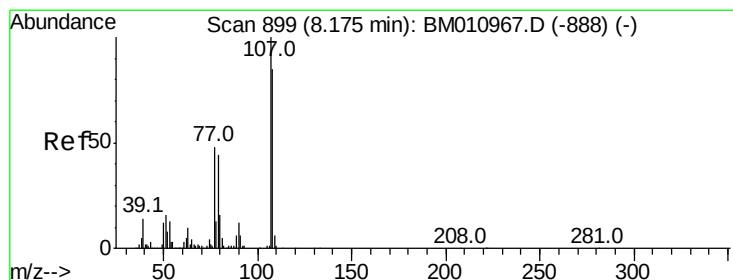
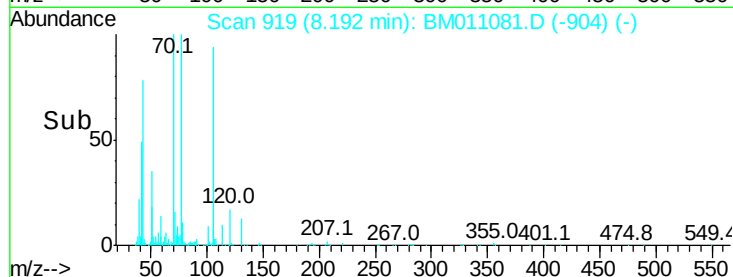
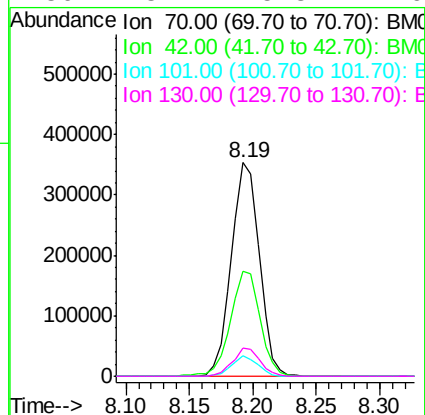
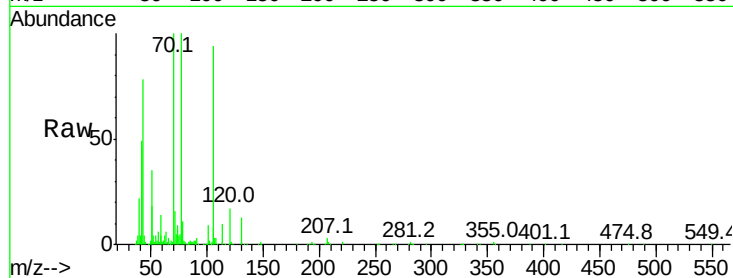




#19
n-Nitroso-di-n-propylamine
Concen: 40.511 ng
RT: 8.19 min Scan# 919
Delta R.T. -0.01 min
Lab File: BM011081.D
Acq: 01 Aug 2017 14:25

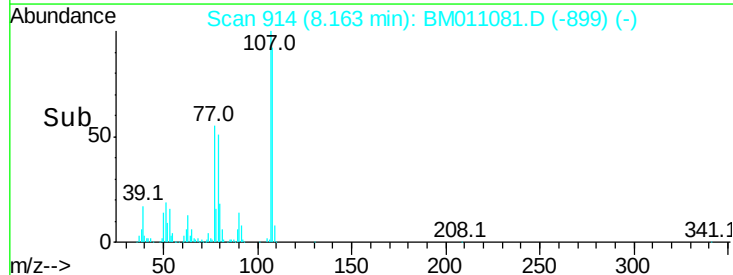
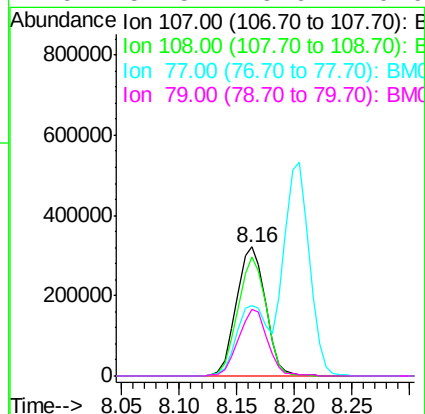
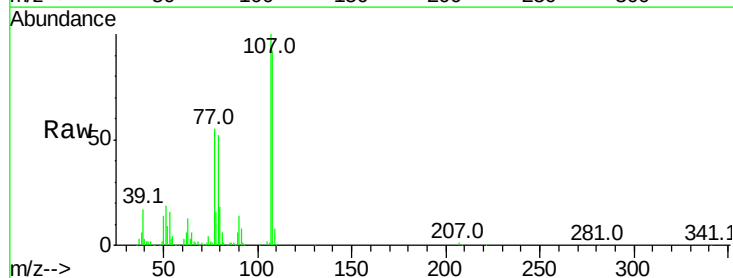
Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMS

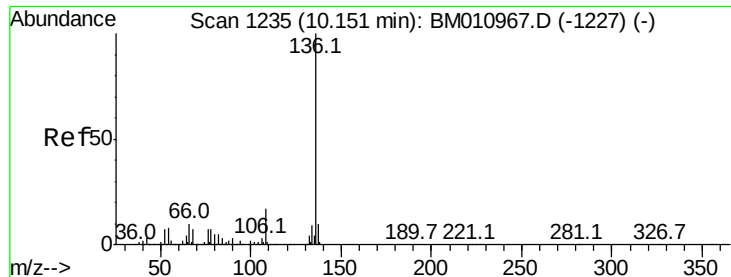
Tot Ion:	70	Resp:	538245
Ion	Ratio	Lower	Upper
70	100		
42	49.1	44.5	66.7
101	9.4	7.4	11.2
130	13.4	15.3	22.9#



#20
3+4-Methylphenols
Concen: 37.463 ng
RT: 8.16 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM011081.D
Acq: 01 Aug 2017 14:25

Tgt Ion:	107	Resp:	565223
Ion	Ratio	Lower	Upper
107	100		
108	91.8	73.2	113.2
77	55.0	10.7	50.7#
79	51.5	9.6	49.6#

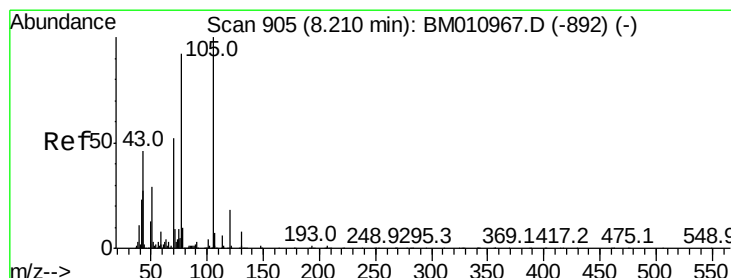
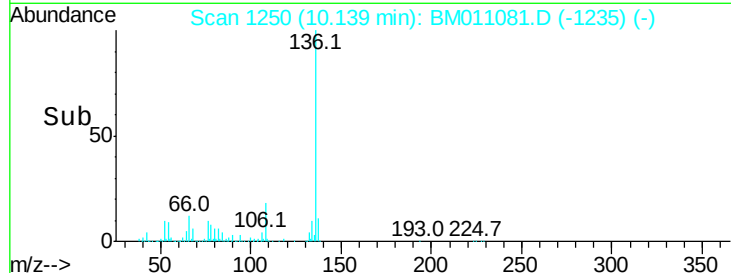
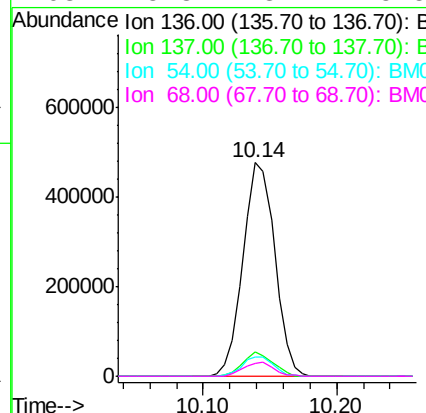
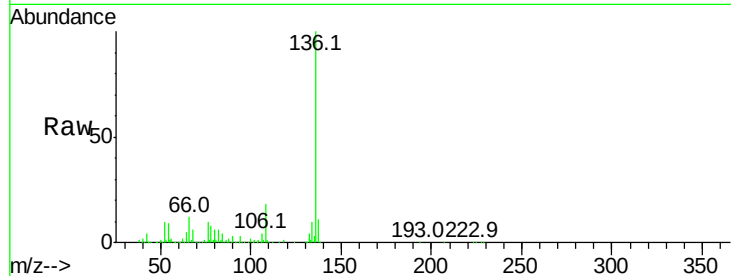




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011081.D
Acq: 01 Aug 2017 14:25

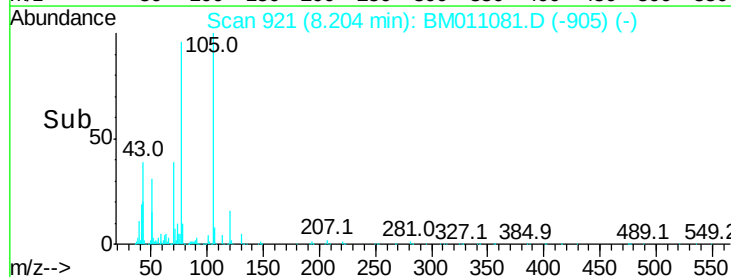
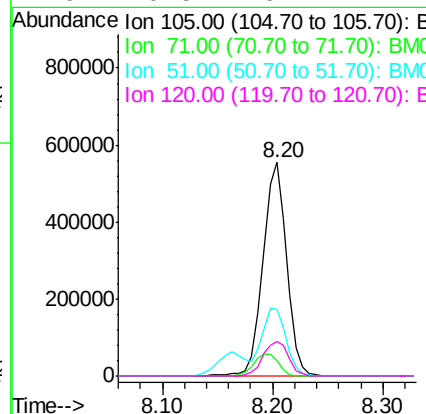
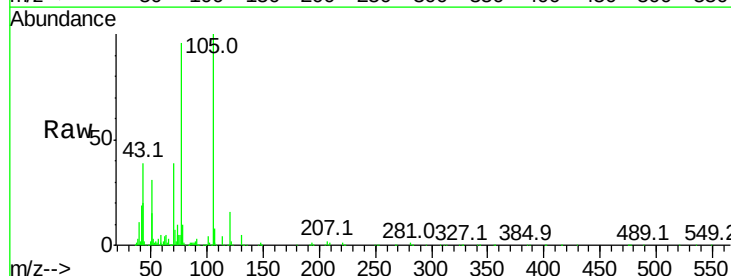
Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMS

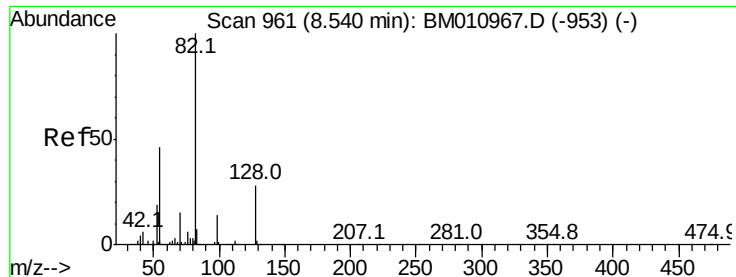
Tot Ion:136	Resp: 782297
Ion Ratio	Lower Upper
136 100	
137 11.3	8.7 13.1
54 8.8	4.6 6.8#
68 5.8	3.7 5.5#



#22
Acetophenone
Concen: 35.575 ng
RT: 8.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM011081.D
Acq: 01 Aug 2017 14:25

Tgt	Ion:105	Resp:	834224
Ion	Ratio	Lower	Upper
105	100		
71	7.0	0.6	1.0#
51	31.3	21.6	32.4
120	16.5	16.1	24.1

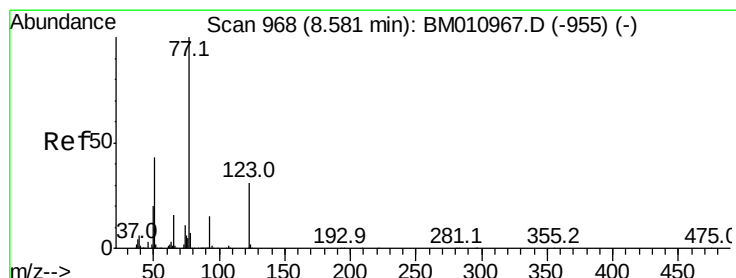
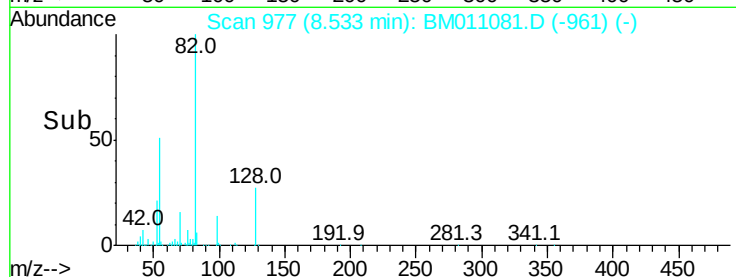
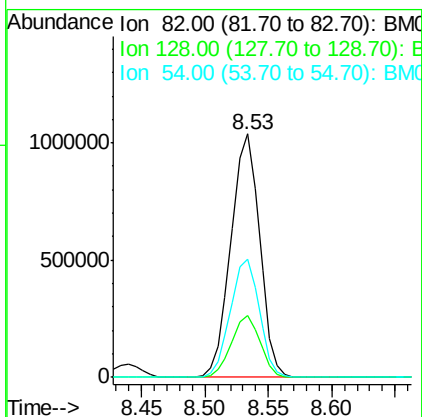
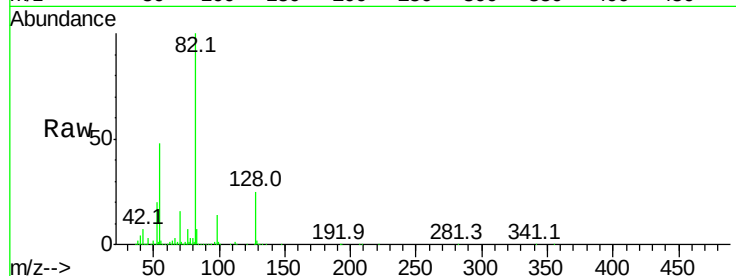




#23
 Nitrobenzene-d5
 Concen: 78.179 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

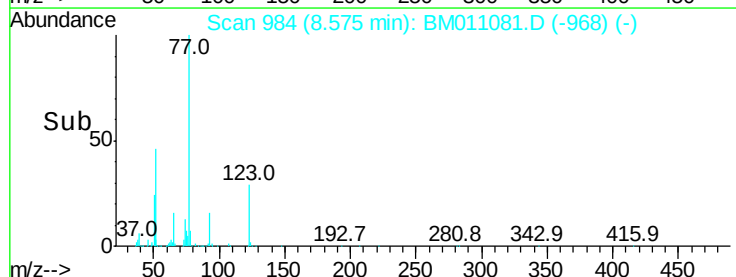
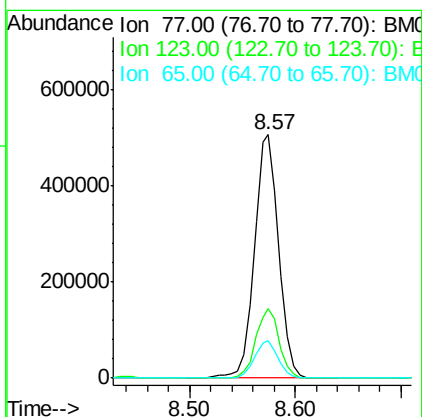
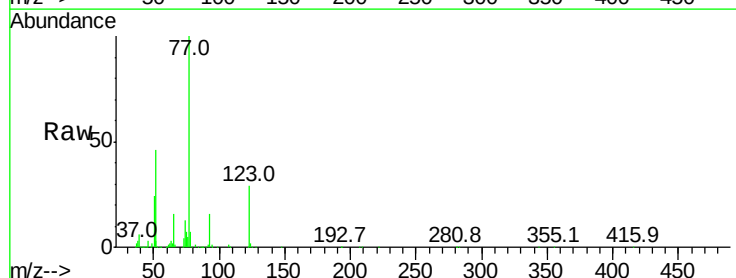
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMS

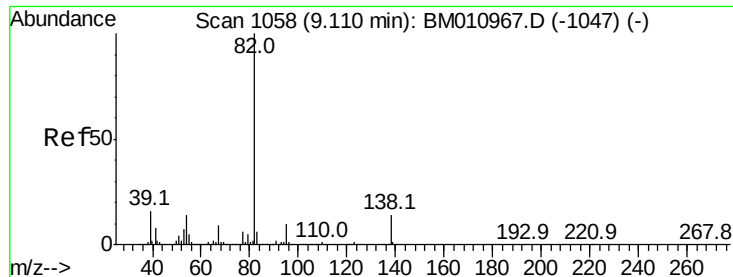
Tot Ion: 82 Resp: 1629529
 Ion Ratio Lower Upper
 82 100
 128 25.2 32.8 49.2#
 54 48.4 40.6 60.8



#24
 Nitrobenzene
 Concen: 37.391 ng
 RT: 8.57 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

Tgt Ion: 77 Resp: 807618
 Ion Ratio Lower Upper
 77 100
 123 28.8 32.6 49.0#
 65 15.6 10.9 16.3





#25

Isophorone

Concen: 39.401 ng

RT: 9.10 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

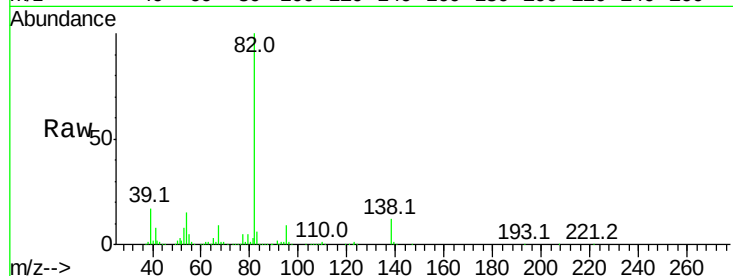
Tot Ion: 82 Resp: 1369318

Ion Ratio Lower Upper

82 100

95 9.2 5.8 8.6#

138 11.9 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM011081.D (-1073) (-)

Ion 95.00 (94.70 to 95.70): BM011081.D (-1073) (-)

Ion 138.00 (137.70 to 138.70): BM011081.D (-1073) (-)

9.10

800000

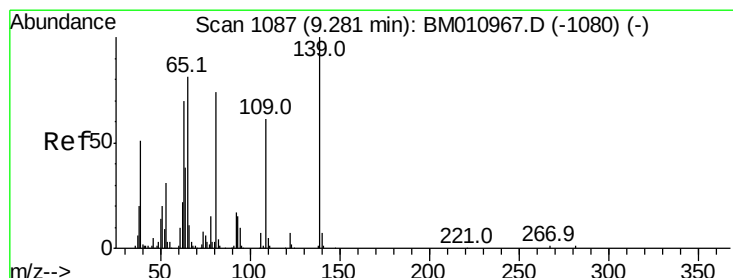
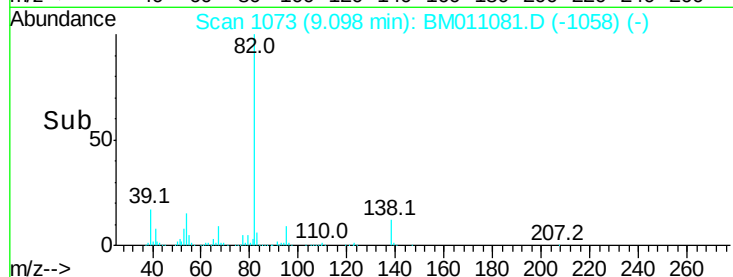
600000

400000

200000

0

Time--> 9.00 9.05 9.10 9.15



#26

2-Nitrophenol

Concen: 34.105 ng

RT: 9.27 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

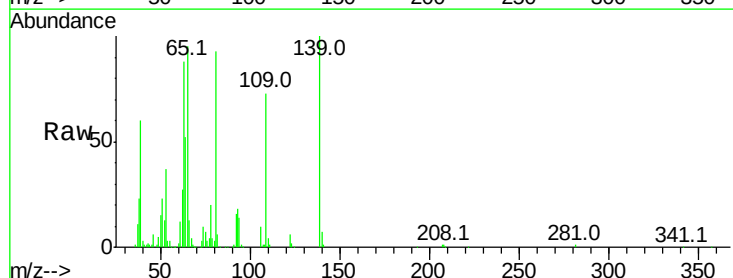
Tgt Ion: 139 Resp: 234384

Ion Ratio Lower Upper

139 100

109 73.4 20.1 30.1#

65 94.8 31.5 47.3#



Abundance Ion 139.00 (138.70 to 139.70): BM011081.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BM011081.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BM011081.D (-1103) (-)

9.27

200000

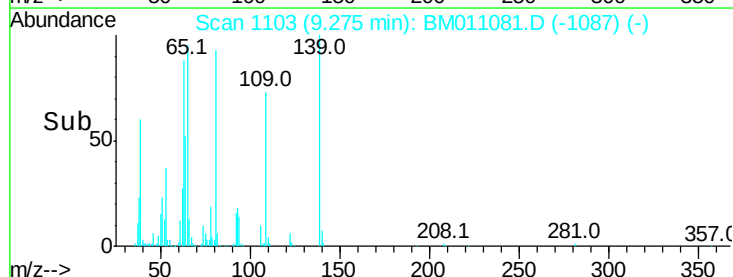
150000

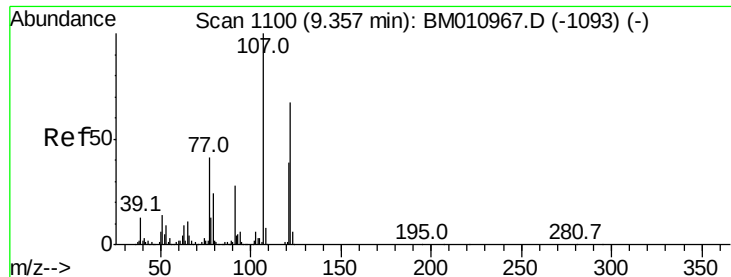
100000

50000

0

Time--> 9.20 9.25 9.30 9.35

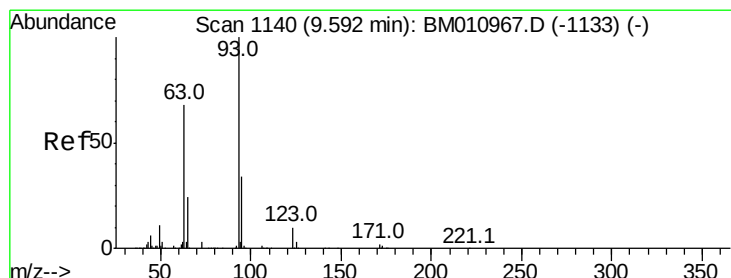
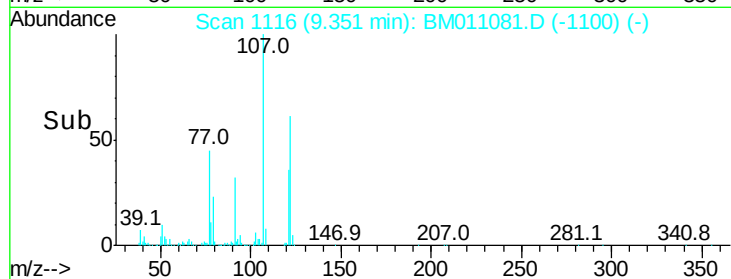
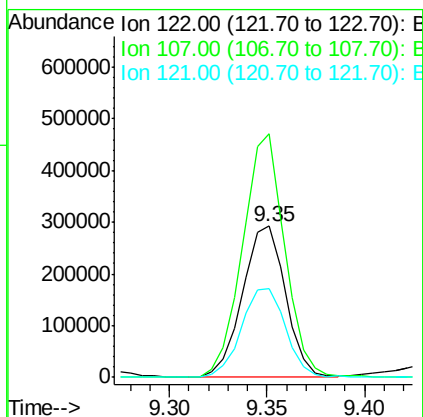
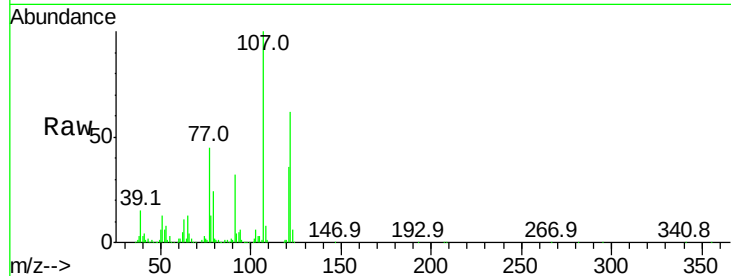




#27
2,4-Dimethylphenol
Concen: 36.952 ng
RT: 9.35 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM011081.D
Acq: 01 Aug 2017 14:25

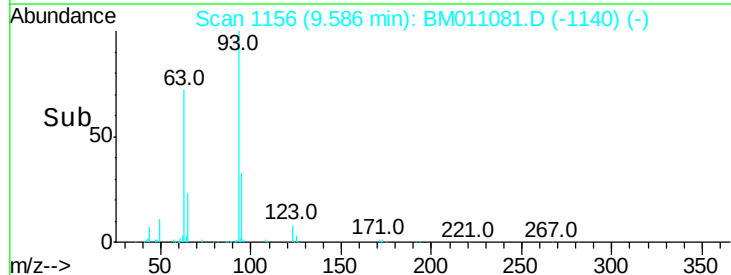
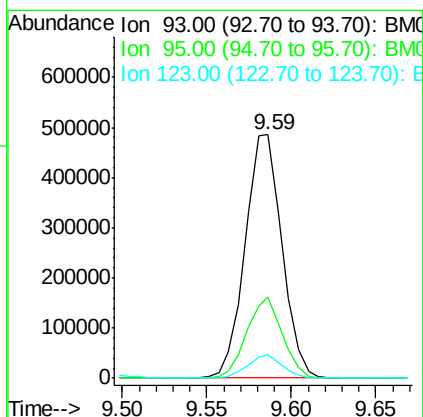
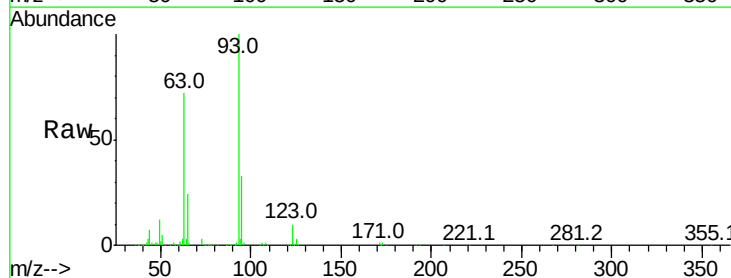
Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMS

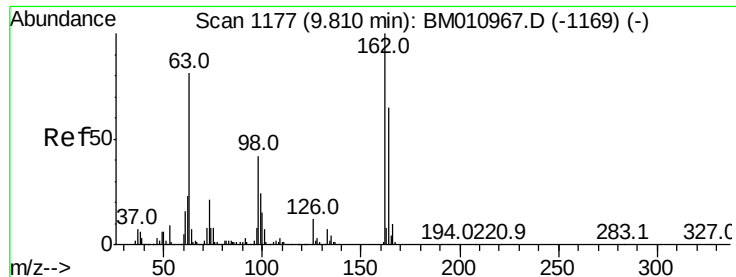
Tot Ion:122 Resp: 447056
Ion Ratio Lower Upper
122 100
107 161.3 84.7 127.1#
121 58.8 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 37.809 ng
RT: 9.59 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM011081.D
Acq: 01 Aug 2017 14:25

Tgt Ion: 93 Resp: 732855
Ion Ratio Lower Upper
93 100
95 33.3 25.5 38.3
123 9.6 8.6 13.0

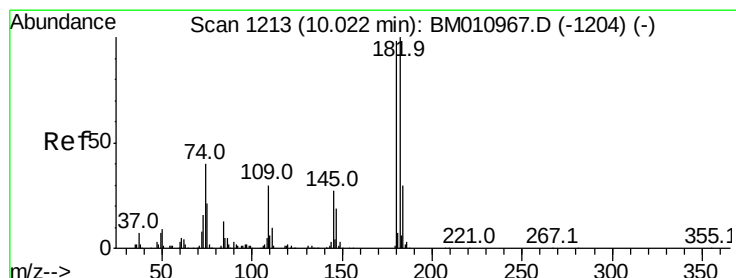
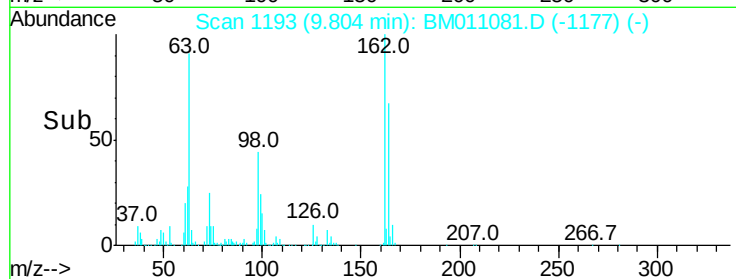
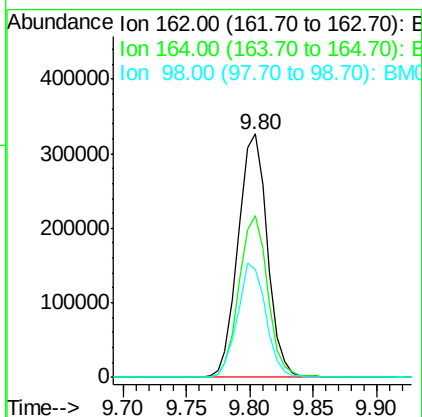
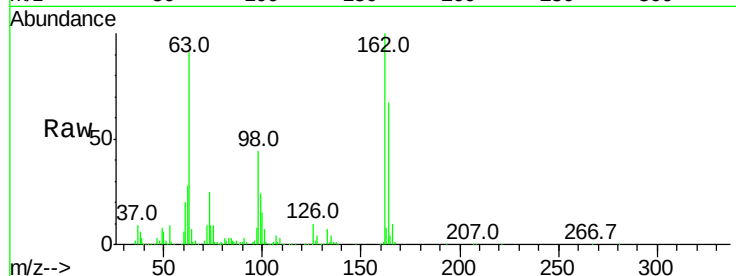




#29
2,4-Dichlorophenol
Concen: 38.578 ng
RT: 9.80 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BM011081.D
Acq: 01 Aug 2017 14:25

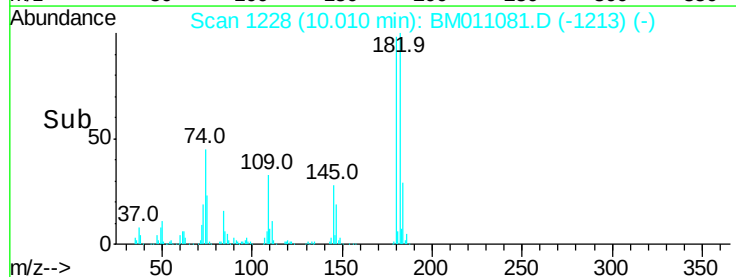
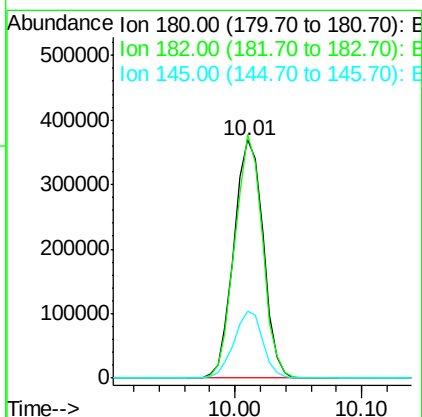
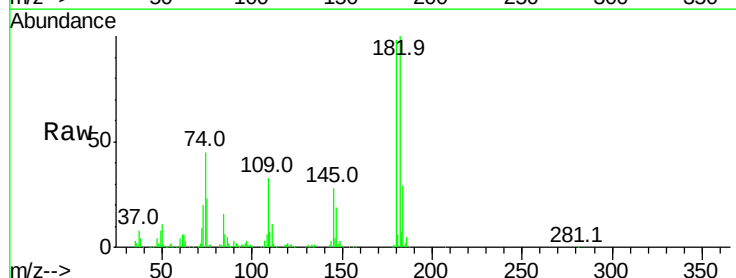
Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMS

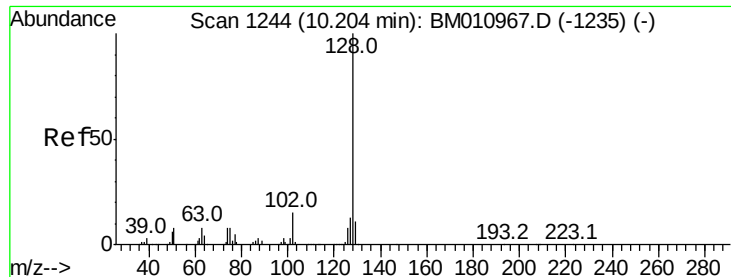
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.6	42.8	82.8
98	44.4	14.5	54.5



#30
1,2,4-Trichlorobenzene
Concen: 35.054 ng
RT: 10.01 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BM011081.D
Acq: 01 Aug 2017 14:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.2	77.6	116.4
145	28.3	23.4	35.2





#31

Naphthalene

Concen: 34.820 ng

RT: 10.19 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

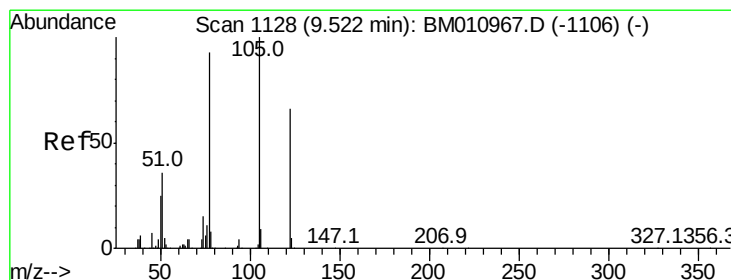
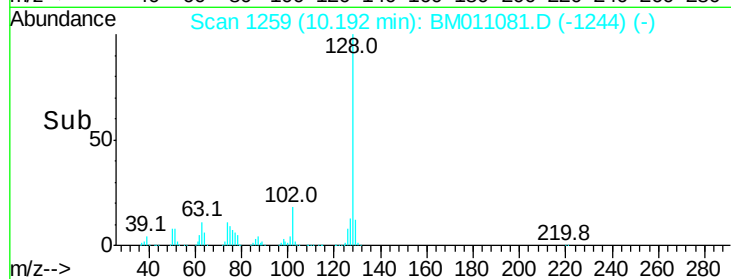
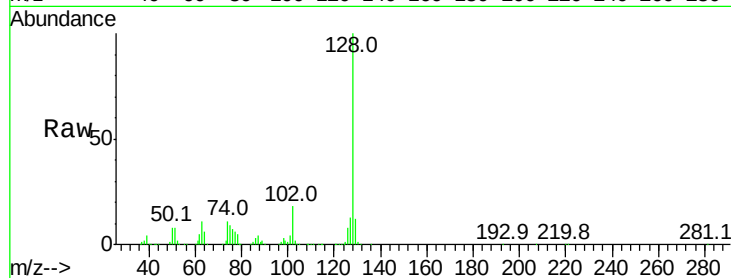
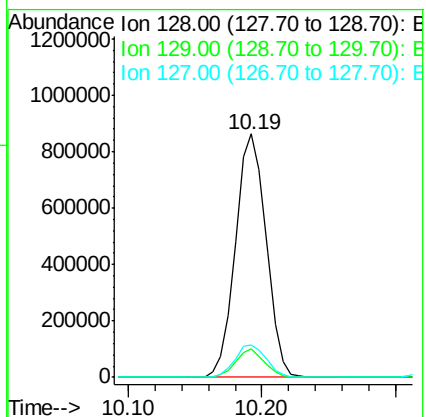
BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

Tot Ion:128 Resp: 1370319

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.9	13.3
127	13.4	10.4	15.6



#32

Benzoic acid

Concen: 29.634 ng

RT: 9.50 min Scan# 1141

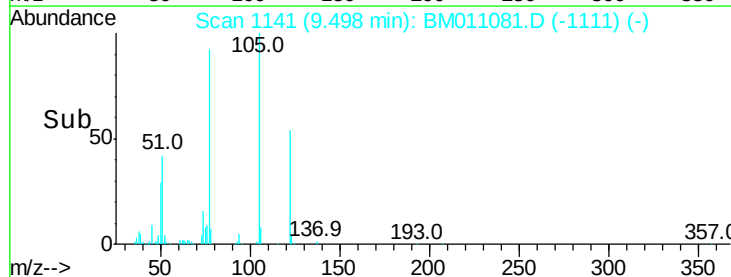
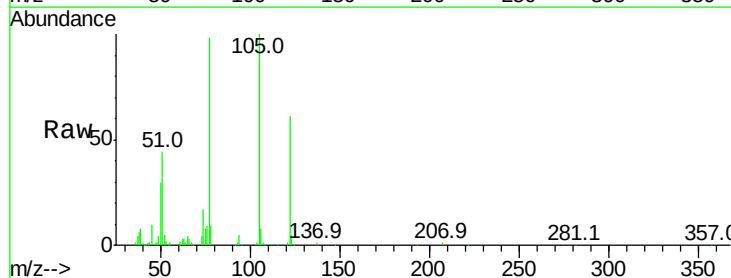
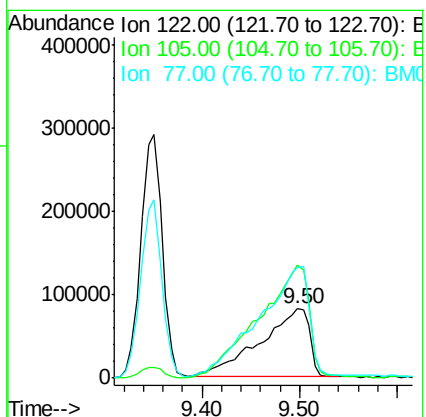
Delta R.T. -0.02 min

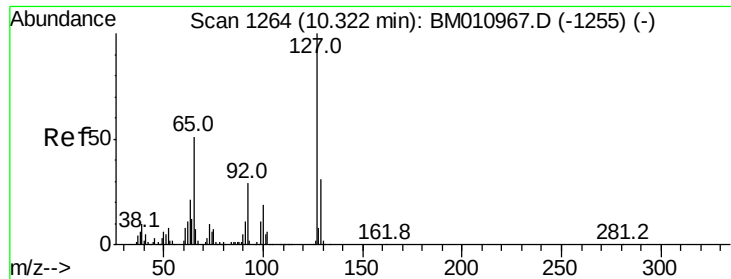
Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Tgt Ion:122 Resp: 288179

Ion	Ratio	Lower	Upper
122	100		
105	162.8	99.9	139.9#
77	159.0	73.7	113.7#

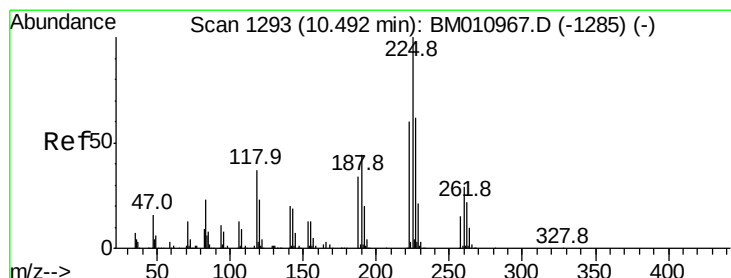
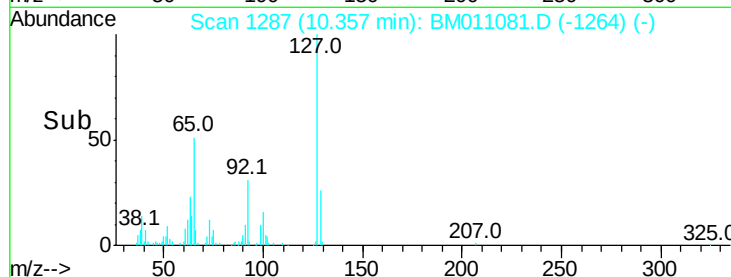
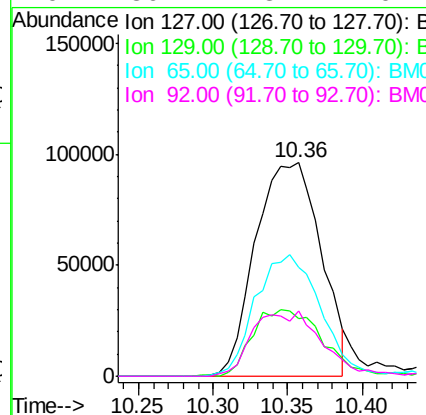
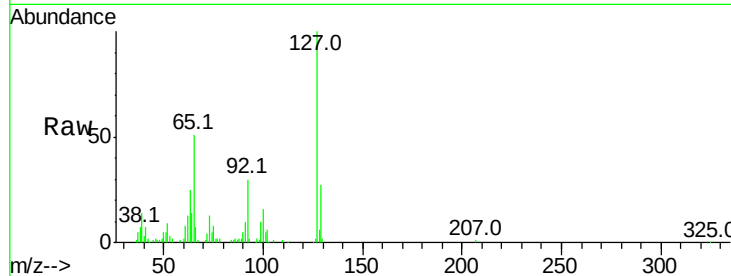




#33
 4-Chloroaniline
 Concen: 18.694 ng
 RT: 10.36 min Scan# 1287
 Delta R.T. 0.04 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

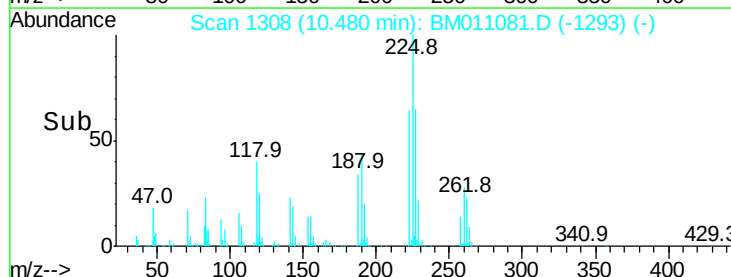
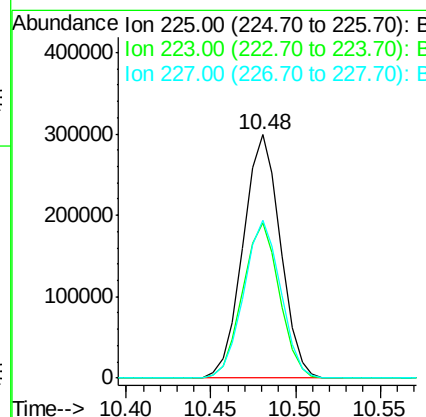
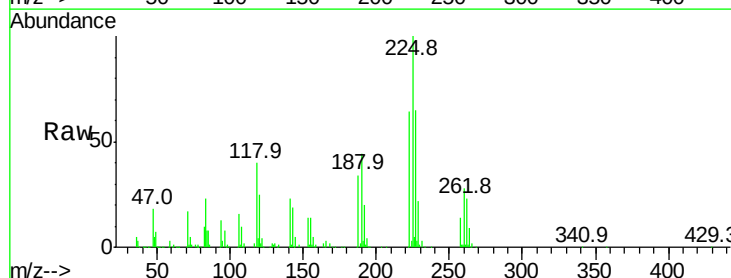
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMS

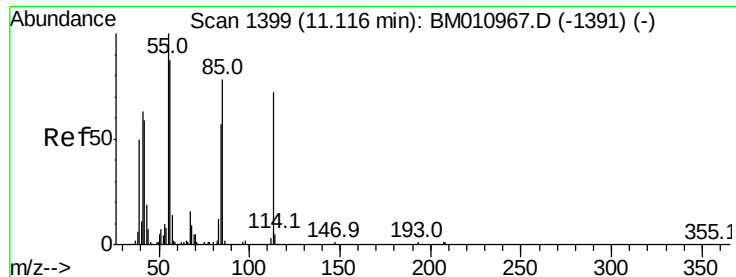
Tot Ion	Ratio	Lower	Upper
127	100		
129	27.1	25.3	37.9
65	50.8	17.6	26.4
92	30.4	13.1	19.7



#34
 Hexachlorobutadiene
 Concen: 34.774 ng
 RT: 10.48 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	47.9	71.9
227	65.0	50.1	75.1





#35

Caprolactam

Concen: 14.663 ng

RT: 11.11 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

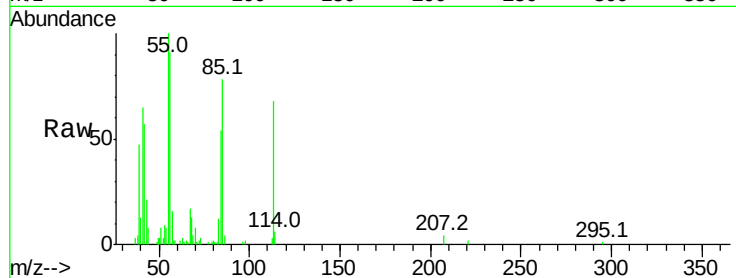
Tot Ion:113 Resp: 56530

Ion Ratio Lower Upper

113 100

55 147.7 145.9 185.9

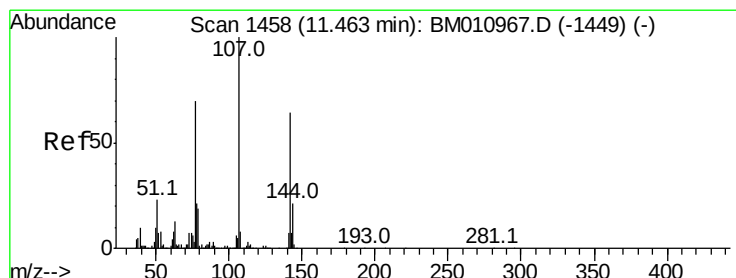
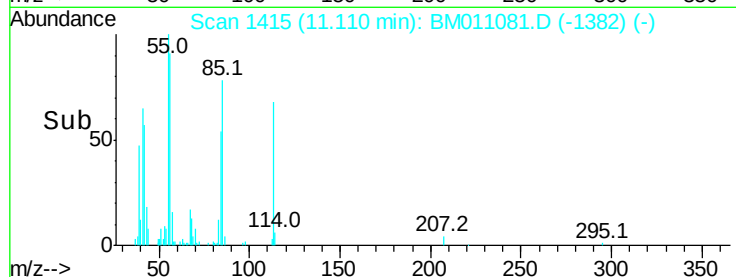
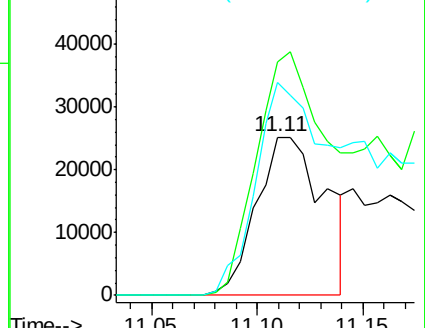
56 134.7 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 38.642 ng

RT: 11.45 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

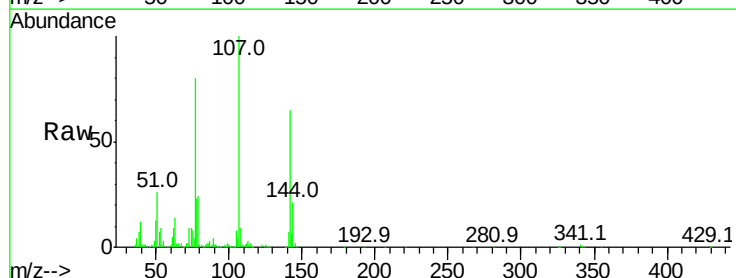
Tgt Ion:107 Resp: 678335

Ion Ratio Lower Upper

107 100

144 21.0 23.3 34.9#

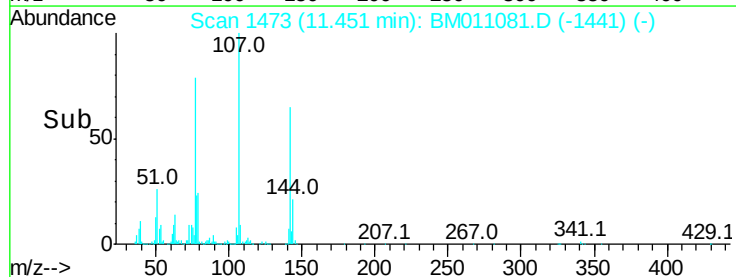
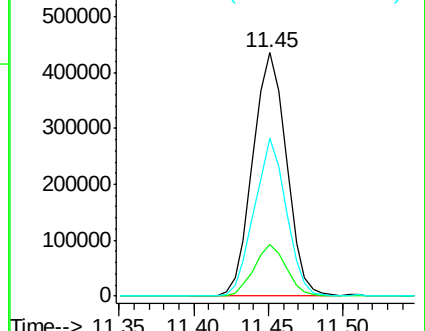
142 64.6 72.6 109.0#

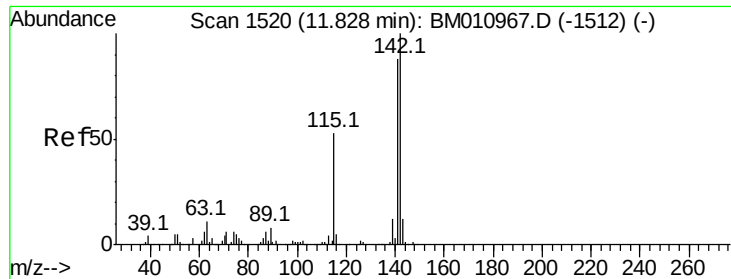


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

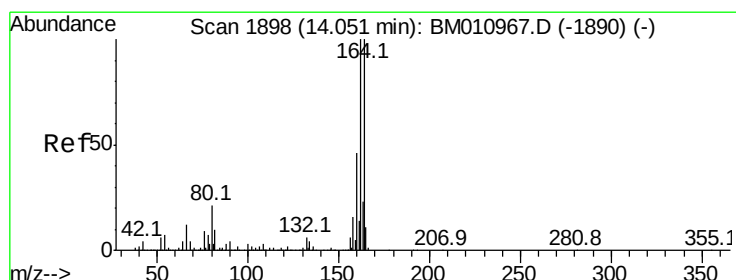
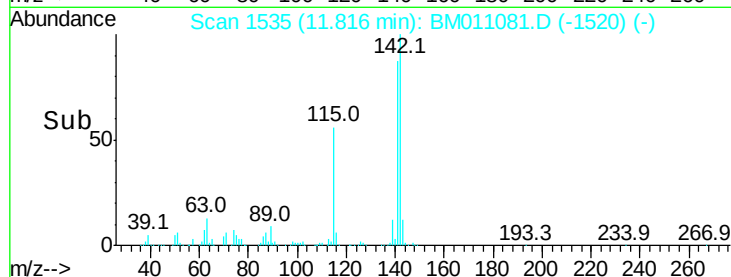
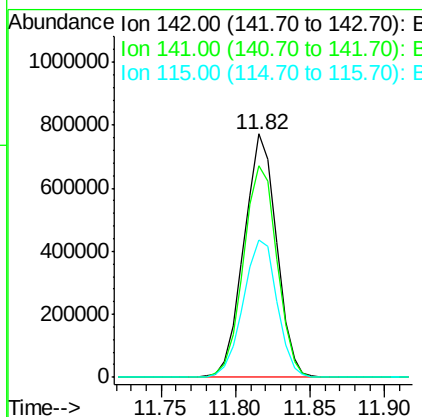
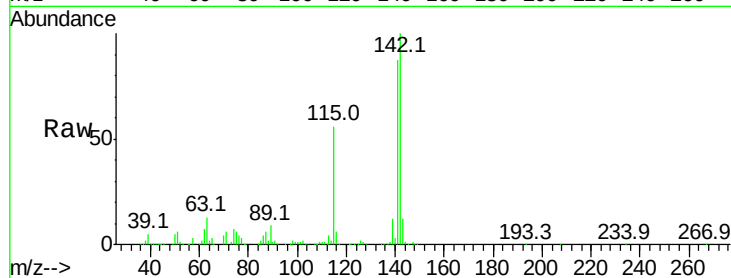




#37
2-Methylnaphthalene
Concen: 40.417 ng
RT: 11.82 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BM011081.D
Acq: 01 Aug 2017 14:25

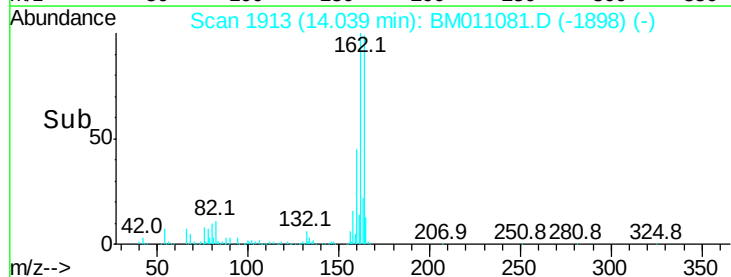
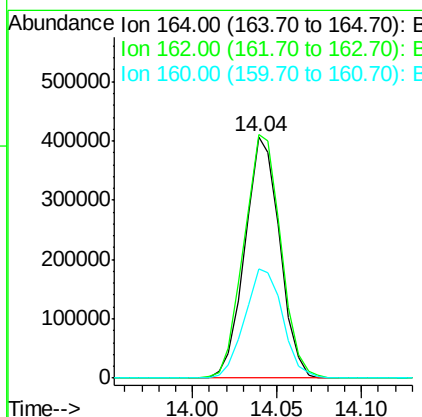
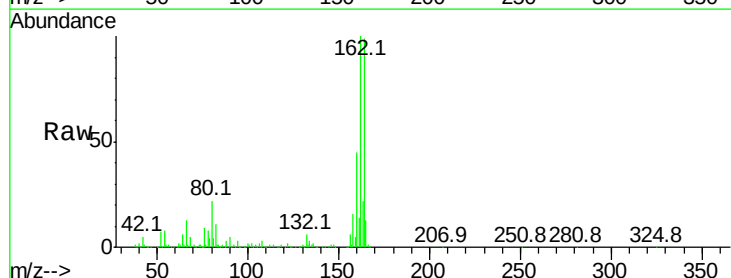
Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMS

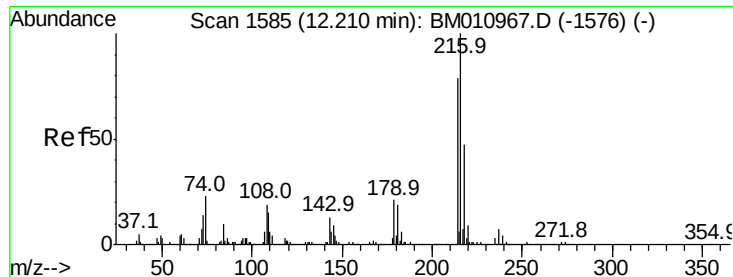
Tot Ion:142 Resp: 1168483
Ion Ratio Lower Upper
142 100
141 86.8 71.9 107.9
115 56.4 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.04 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM011081.D
Acq: 01 Aug 2017 14:25

Tgt Ion:164 Resp: 584559
Ion Ratio Lower Upper
164 100
162 100.8 82.4 123.6
160 45.4 35.8 53.6

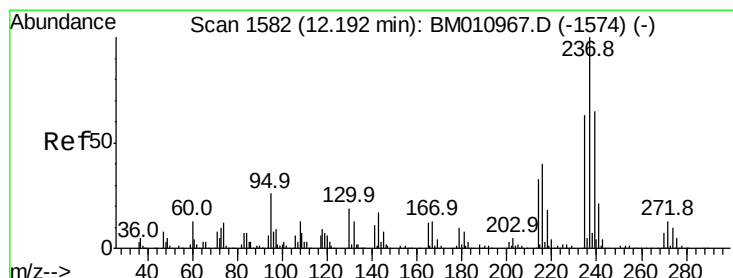
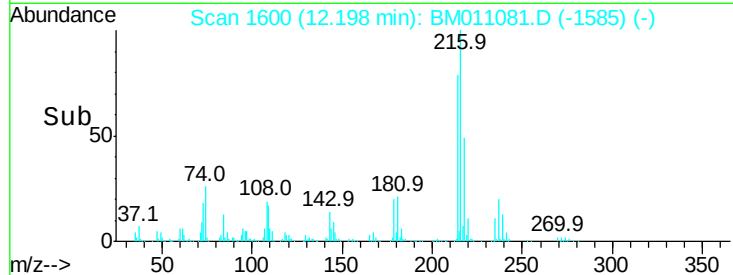
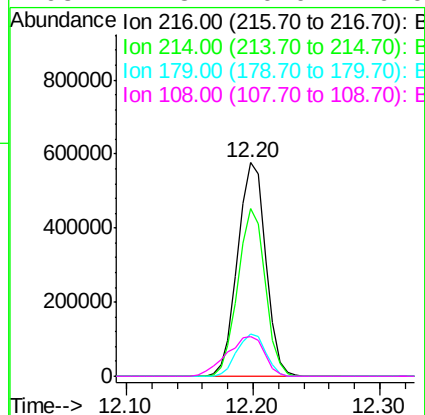
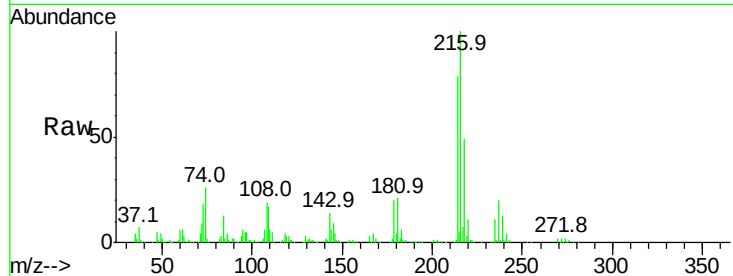




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.193 ng
 RT: 12.20 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

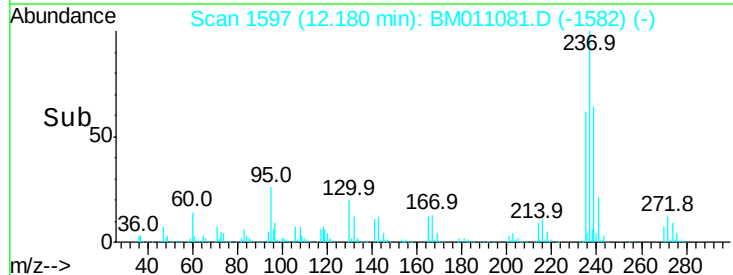
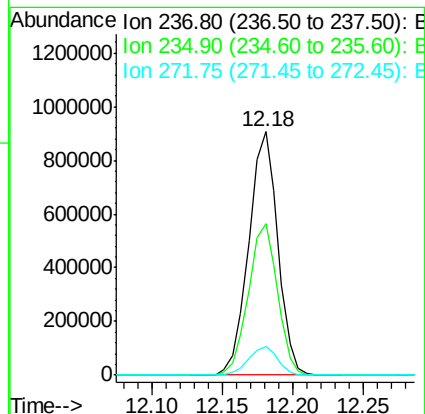
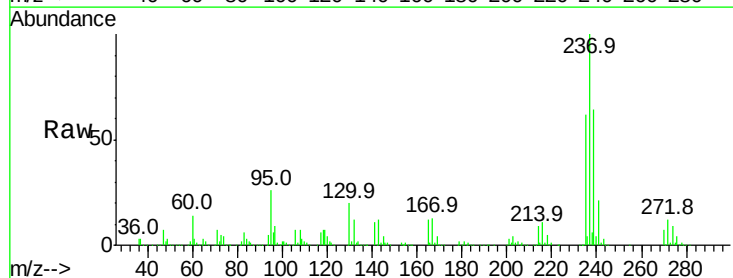
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMS

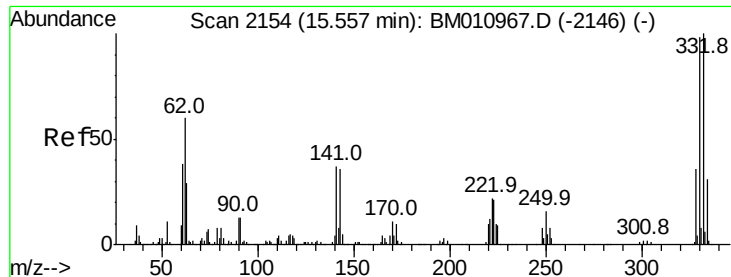
Tot Ion:	216	Resp:	883844
Ion	Ratio	Lower	Upper
216	100		
214	76.6	0.0	0.0#
179	20.2	0.0	0.0#
108	24.8	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 89.519 ng
 RT: 12.18 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

Tgt Ion:	237	Resp:	1310027
Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.0	82.0
272	11.7	0.0	33.4

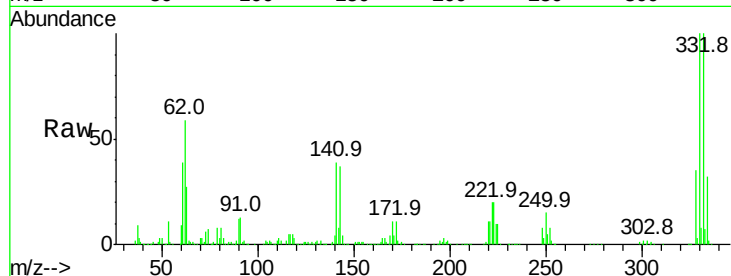




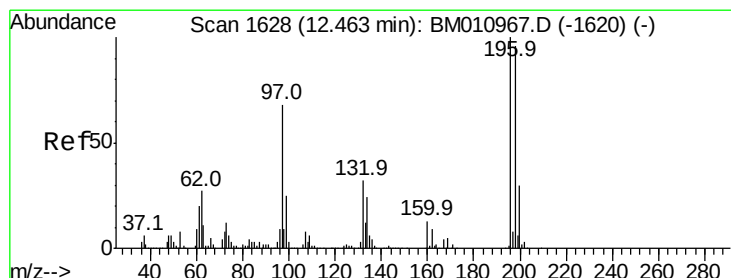
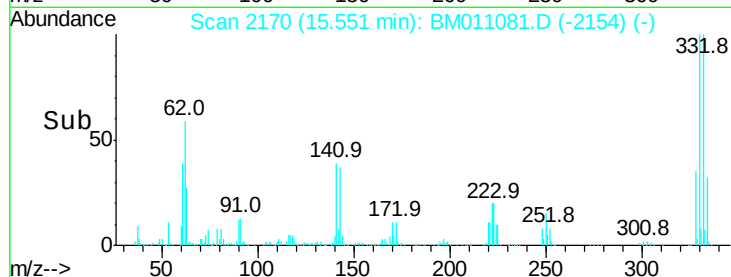
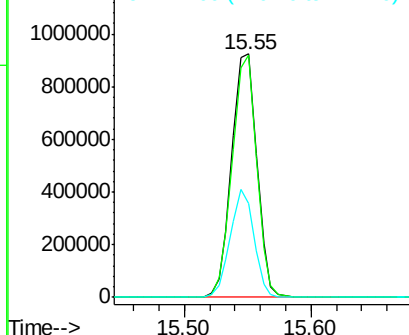
#41
 2,4,6-Tribromophenol
 Concen: 135.694 ng
 RT: 15.55 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMS

Tot Ion:330 Resp: 1271348
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 41.7 0.0 0.0#

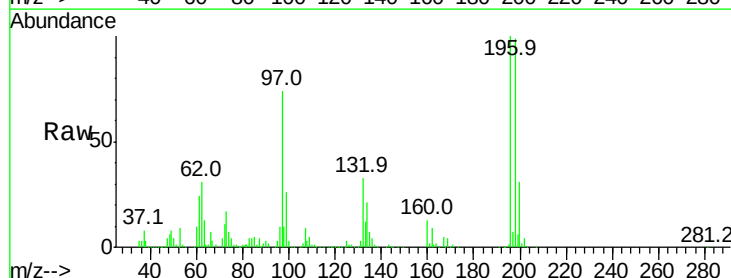


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

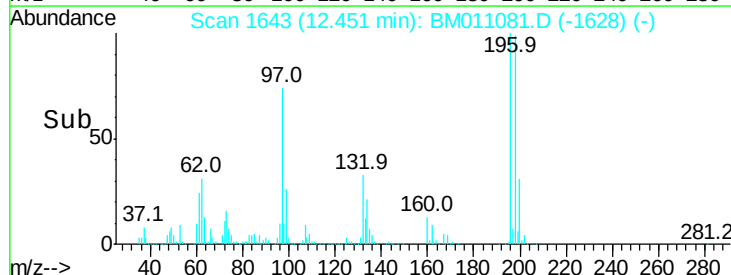
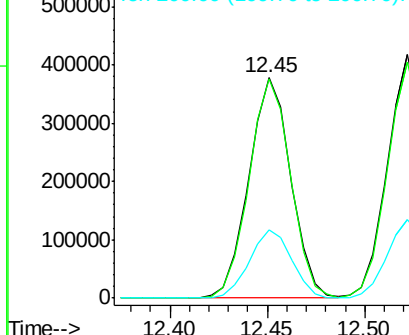


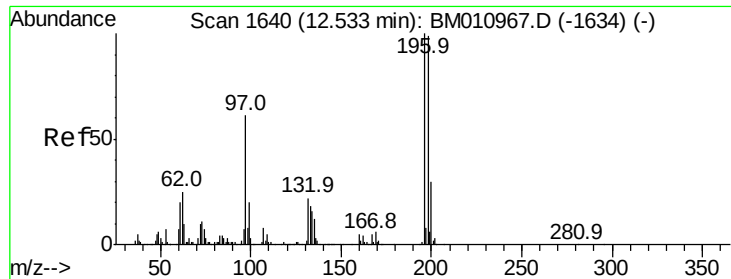
#42
 2,4,6-Trichlorophenol
 Concen: 36.956 ng
 RT: 12.45 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

Tgt Ion:196 Resp: 561771
 Ion Ratio Lower Upper
 196 100
 198 99.4 76.3 114.5
 200 31.0 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

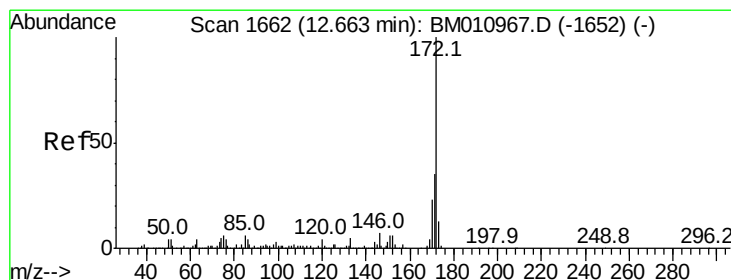
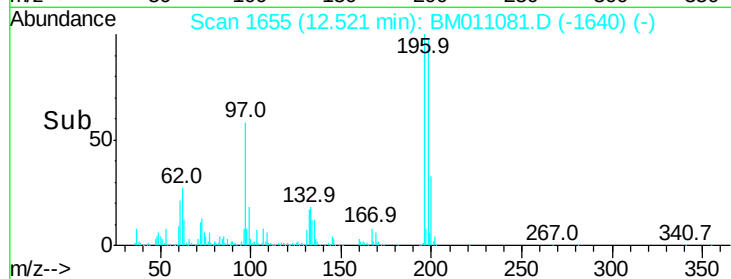
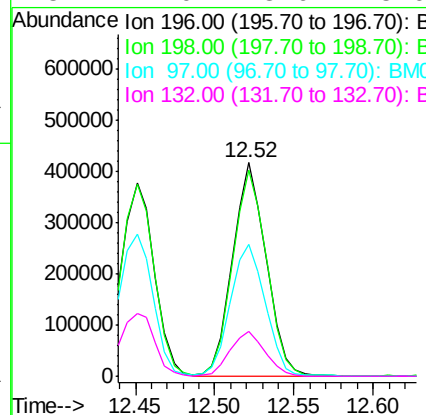
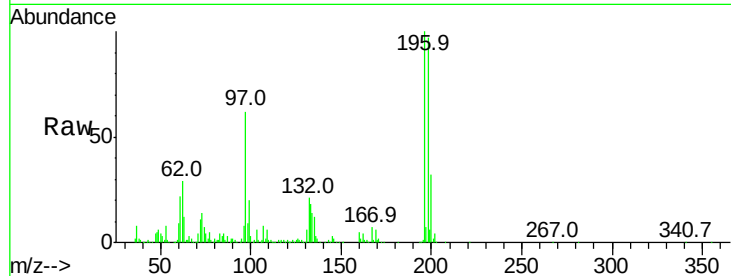




#43
 2,4,5-Trichlorophenol
 Concen: 38.815 ng
 RT: 12.52 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

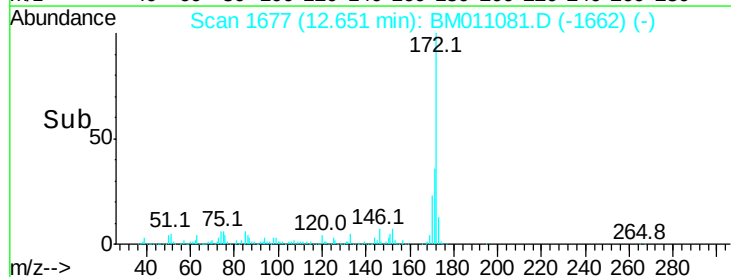
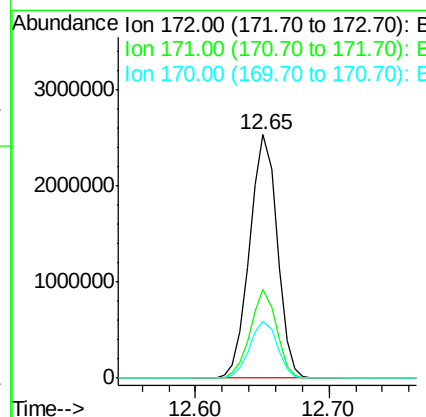
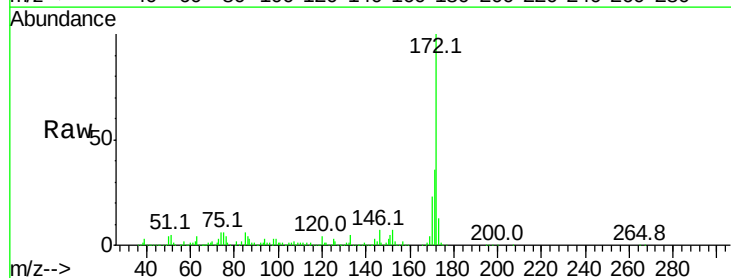
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMS

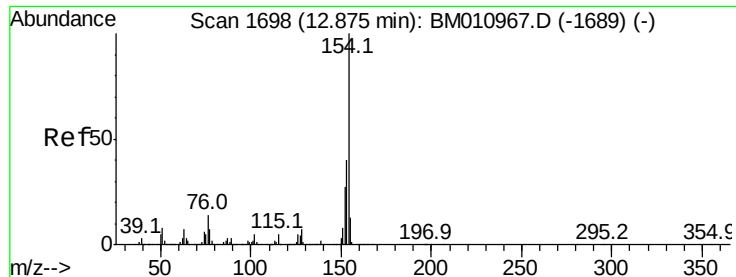
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	79.4	119.0
97	61.5	26.8	40.2#
132	21.0	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 77.040 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	23.2	18.8	28.2





#45

1,1'-Biphenyl

Concen: 34.544 ng

RT: 12.86 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

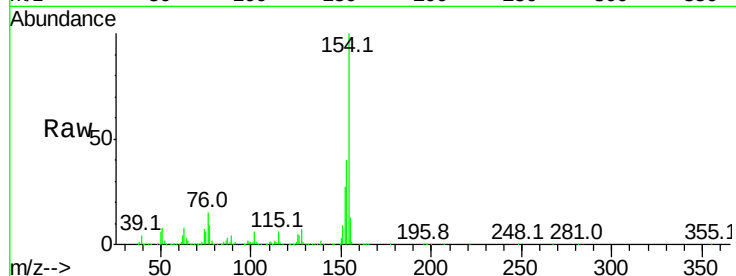
Tot Ion:154 Resp: 1746044

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.7	60.7
76	15.3	0.0	30.9

154 100

153 40.5 20.7 60.7

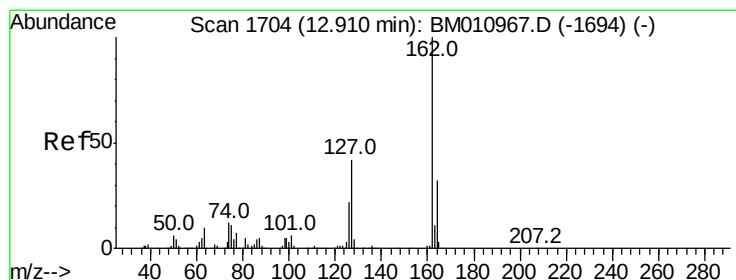
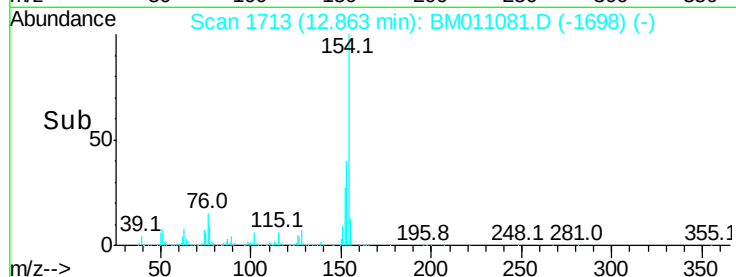
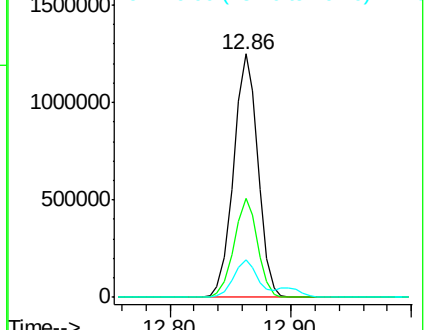
76 15.3 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 37.260 ng

RT: 12.90 min Scan# 1719

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

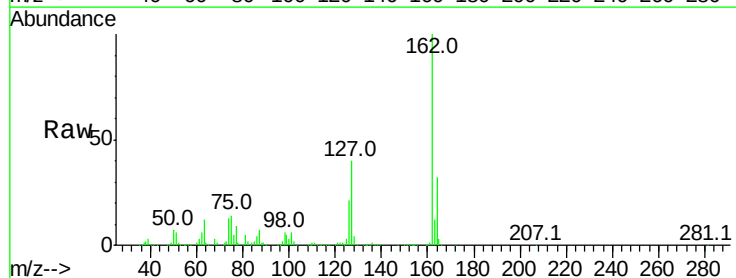
Tgt Ion:162 Resp: 1387601

Ion	Ratio	Lower	Upper
162	100		
127	40.2	26.9	40.3
164	32.5	26.8	40.2

162 100

127 40.2 26.9 40.3

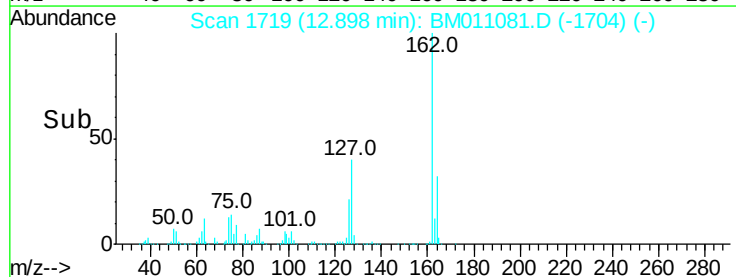
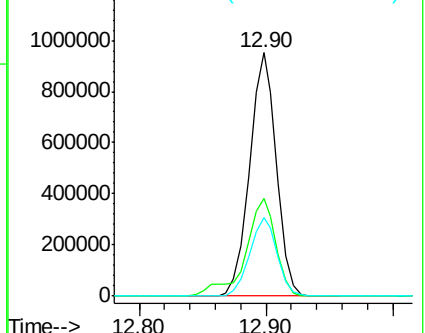
164 32.5 26.8 40.2

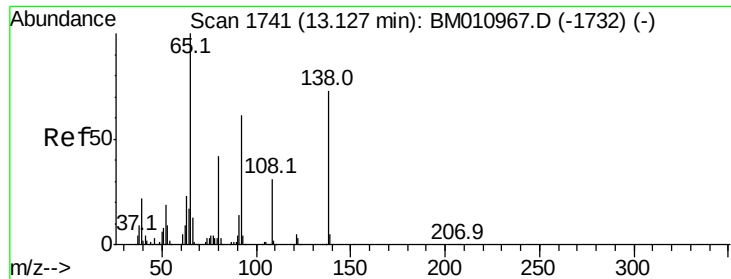


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

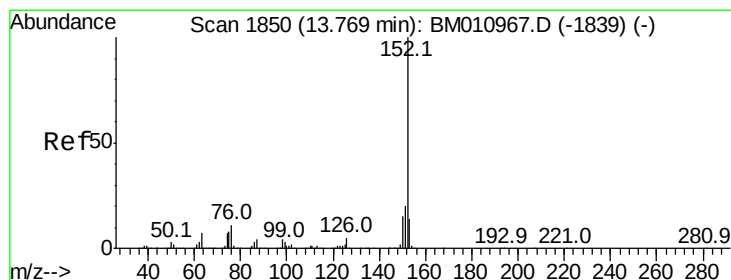
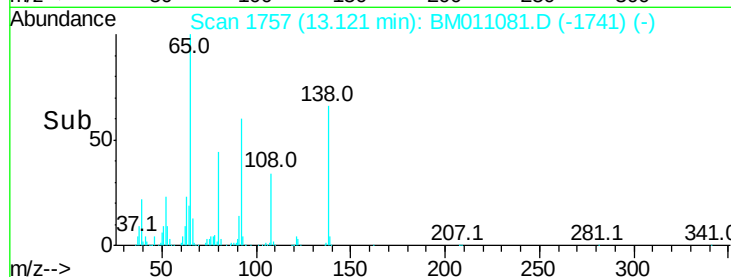
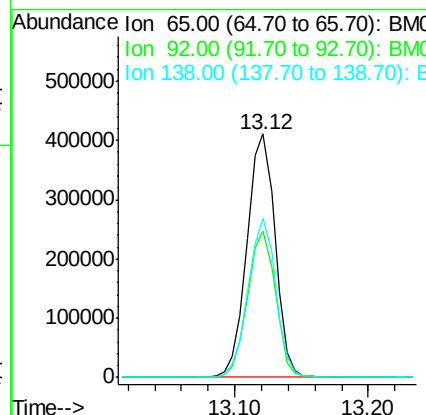
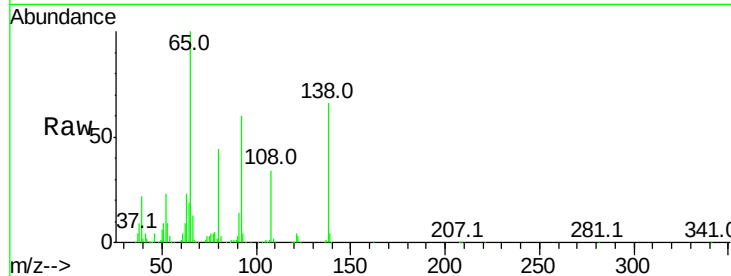




#47
2-Nitroaniline
Concen: 45.273 ng
RT: 13.12 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BM011081.D
Acq: 01 Aug 2017 14:25

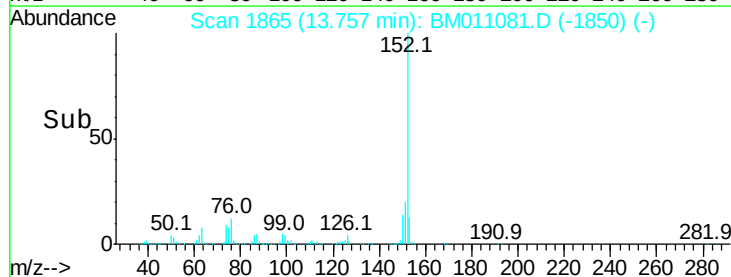
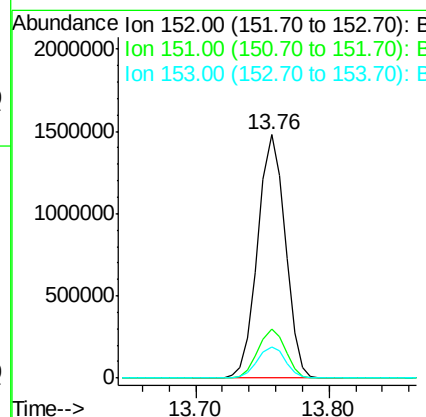
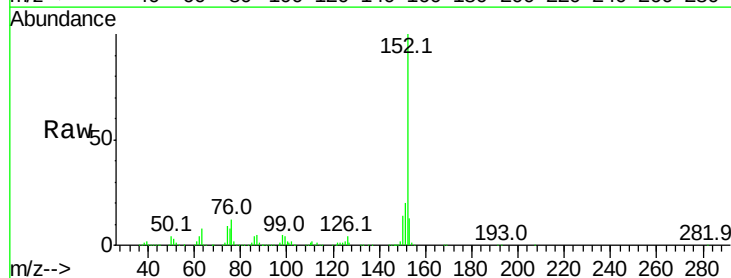
Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMS

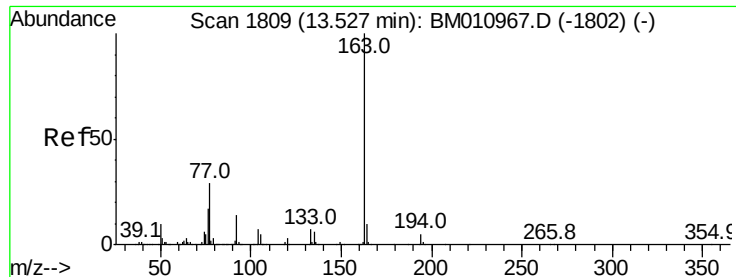
Tot Ion: 65 Resp: 596483
Ion Ratio Lower Upper
65 100
92 60.1 59.1 88.7
138 65.6 93.9 140.9#



#48
Acenaphthylene
Concen: 38.107 ng
RT: 13.76 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BM011081.D
Acq: 01 Aug 2017 14:25

Tgt Ion: 152 Resp: 2117935
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 12.8 10.6 16.0





#49

Dimethylphthalate

Concen: 39.000 ng

RT: 13.52 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

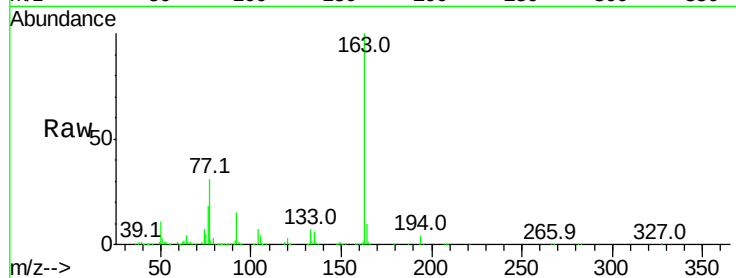
Tot Ion:163 Resp: 1950275

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

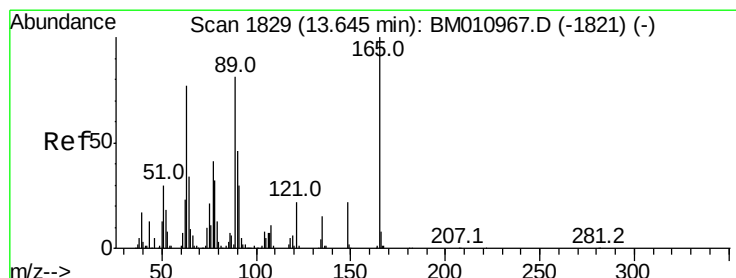
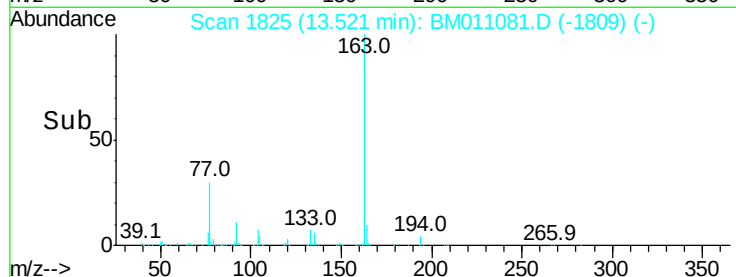
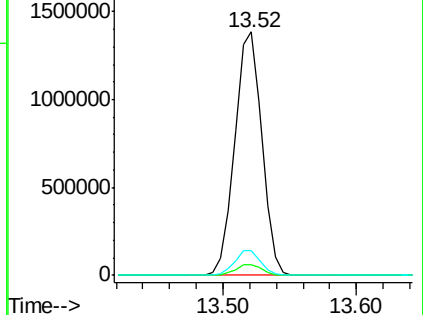
164 9.9 8.2 12.2



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: 40.086 ng

RT: 13.63 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

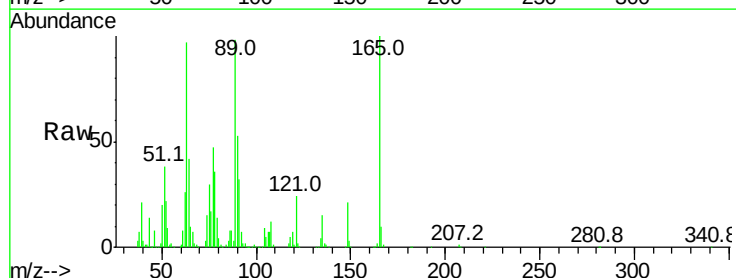
Tgt Ion:165 Resp: 405363

Ion Ratio Lower Upper

165 100

63 96.5 44.1 66.1#

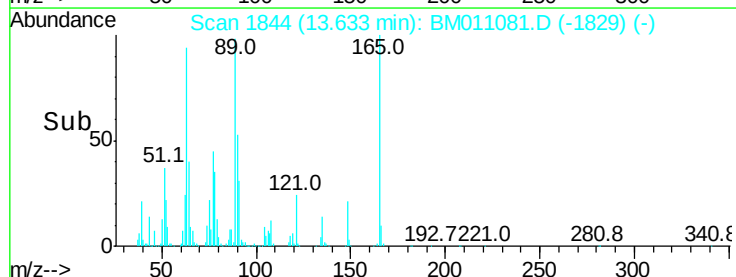
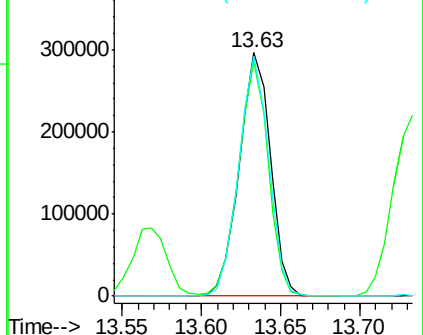
89 98.5 44.3 66.5#

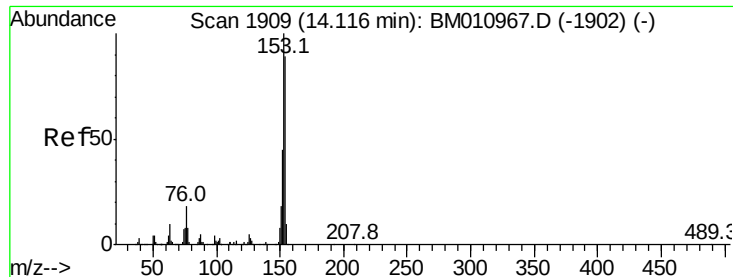


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 37.930 ng

RT: 14.10 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

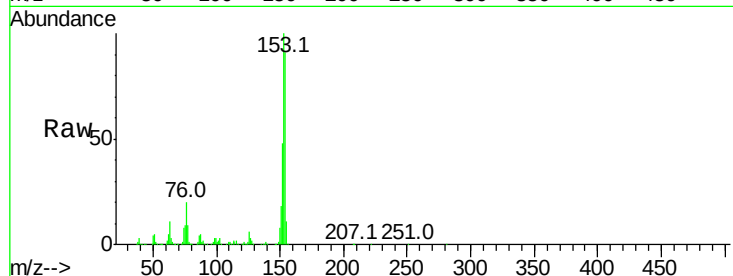
Tot Ion:154 Resp: 1305310

Ion Ratio Lower Upper

154 100

153 110.0 90.0 135.0

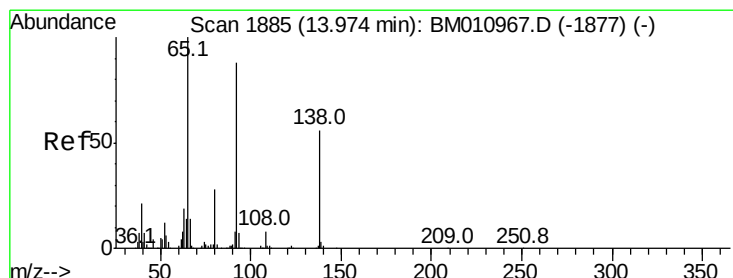
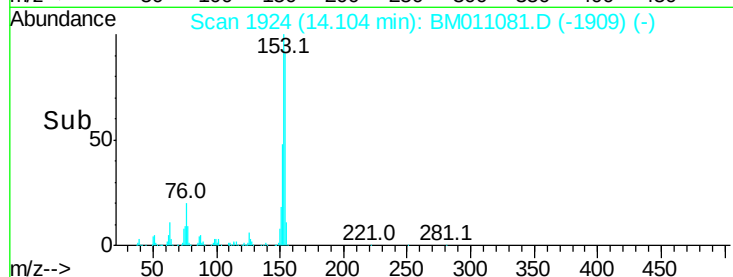
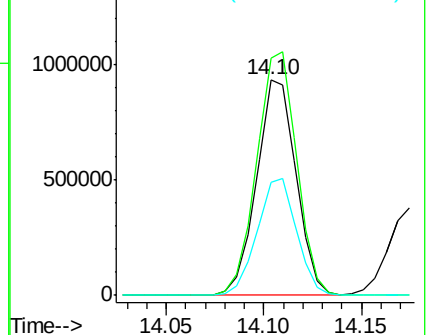
152 52.6 42.6 63.8



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: 31.667 ng

RT: 13.96 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

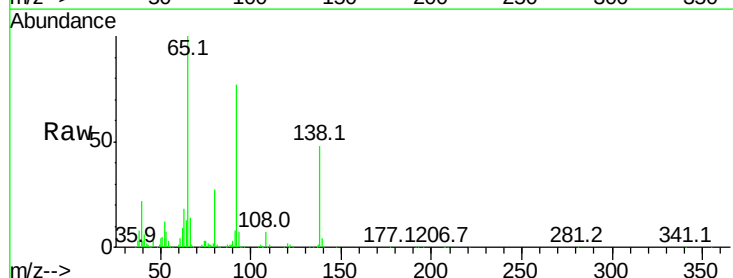
Tgt Ion:138 Resp: 277879

Ion Ratio Lower Upper

138 100

108 14.8 7.3 10.9#

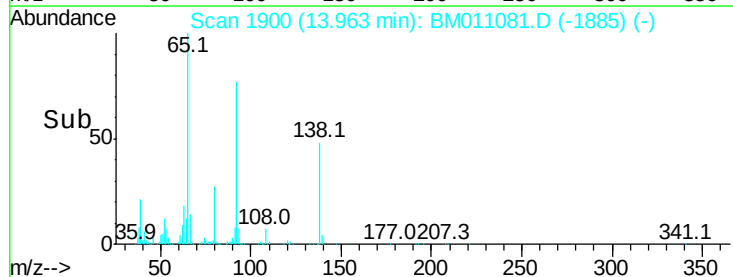
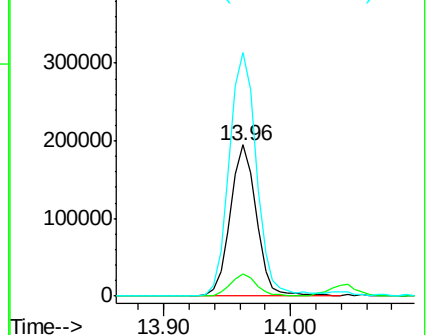
92 161.1 76.6 114.8#

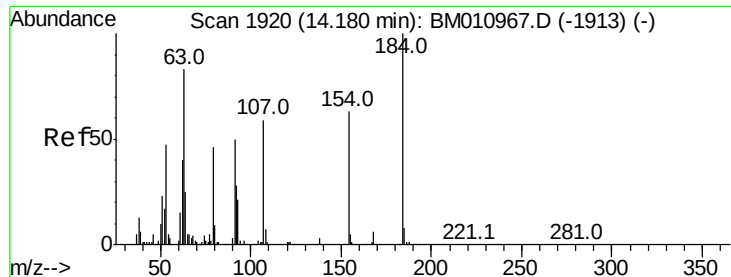


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#53

2,4-Dinitrophenol

Concen: 77.075 ng

RT: 14.17 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

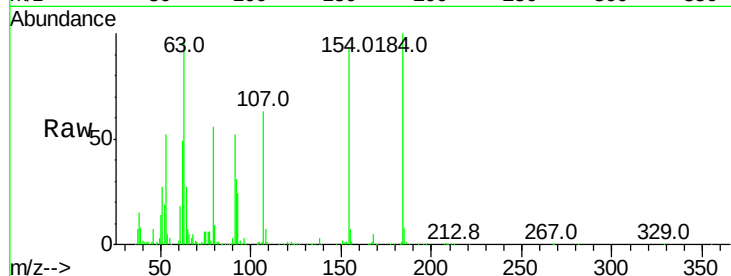
Tot Ion:184 Resp: 553914

Ion Ratio Lower Upper

184 100

63 96.0 69.2 103.8

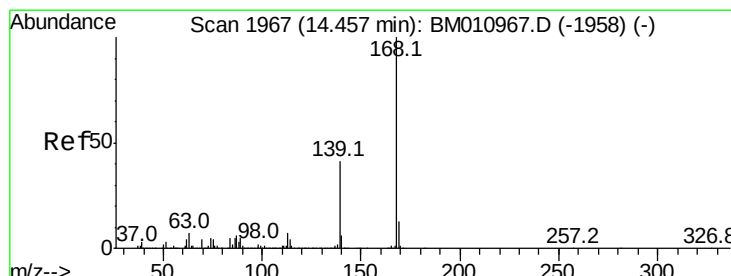
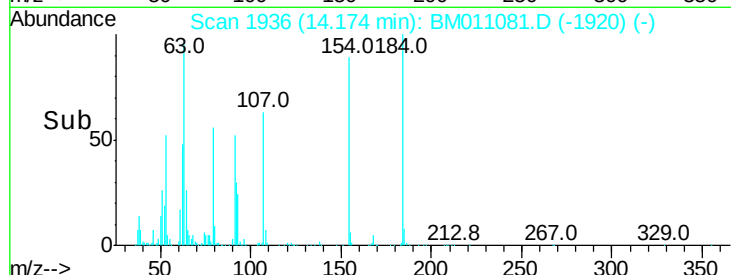
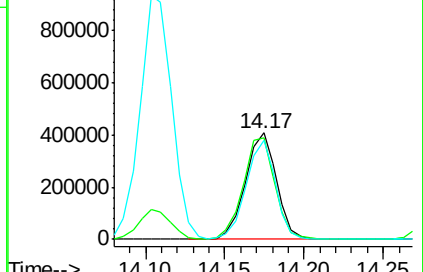
154 92.7 53.3 79.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM011081.D (-1913) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.600 ng

RT: 14.44 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

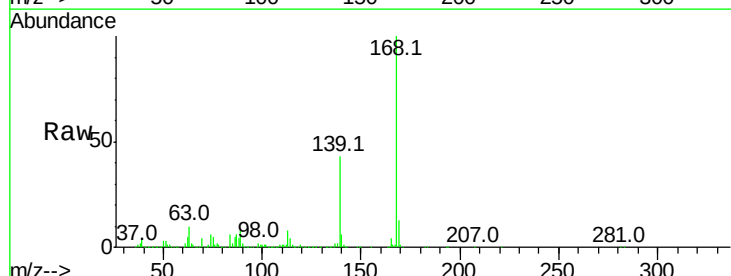
Tgt Ion:168 Resp: 2375390

Ion Ratio Lower Upper

168 100

139 42.9 27.3 40.9#

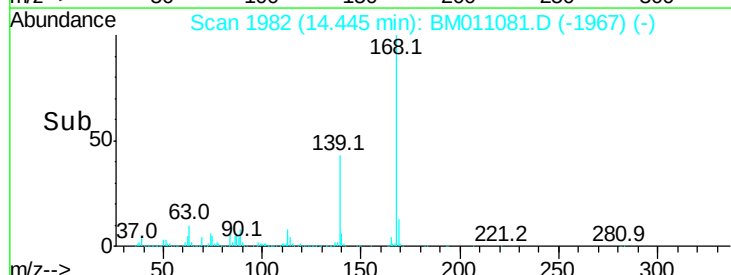
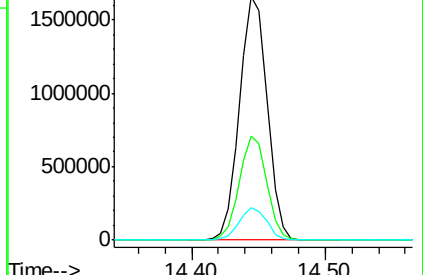
169 13.3 10.6 16.0

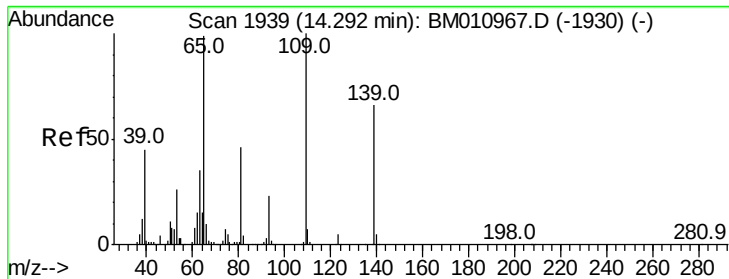


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 68.088 ng

RT: 14.29 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

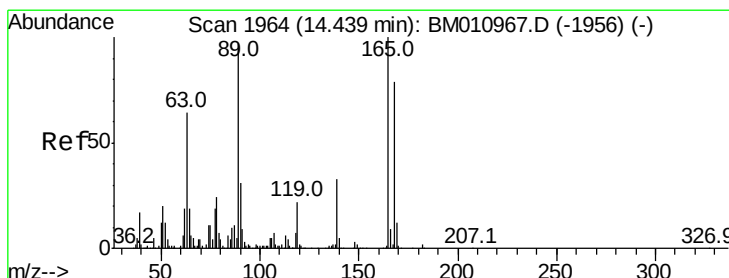
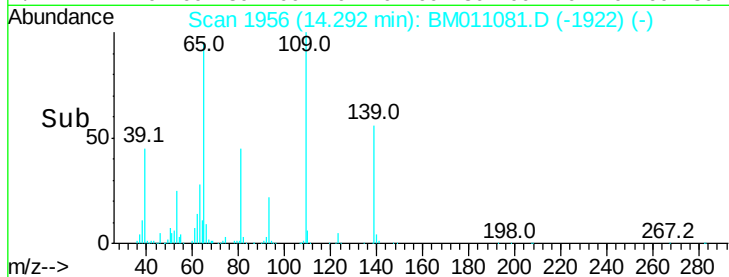
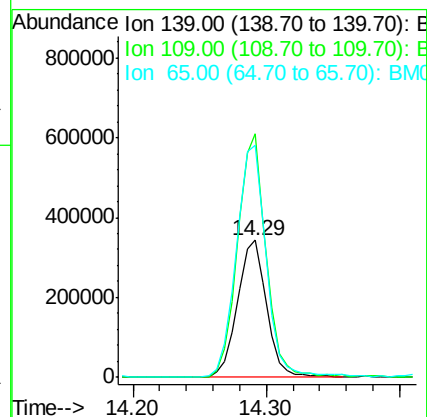
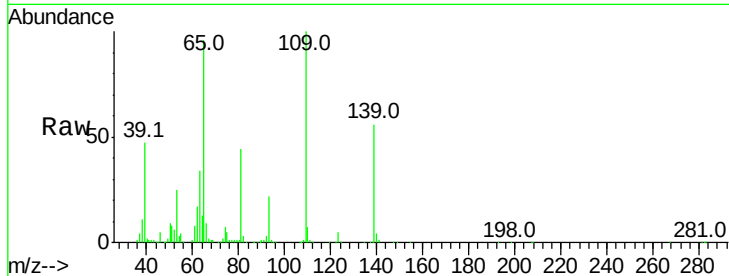
Tot Ion:139 Resp: 524937

Ion Ratio Lower Upper

139 100

109 177.4 130.0 170.0#

65 169.5 130.0 170.0



#56

2,4-Dinitrotoluene

Concen: 42.102 ng

RT: 14.43 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Tgt Ion:165 Resp: 597692

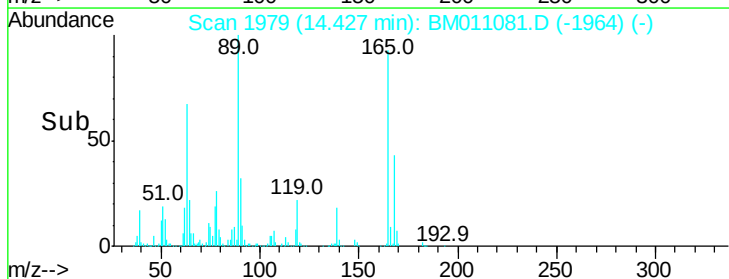
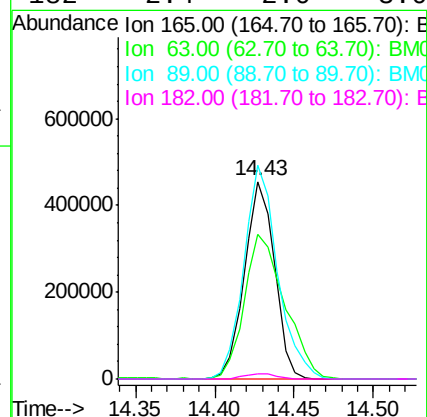
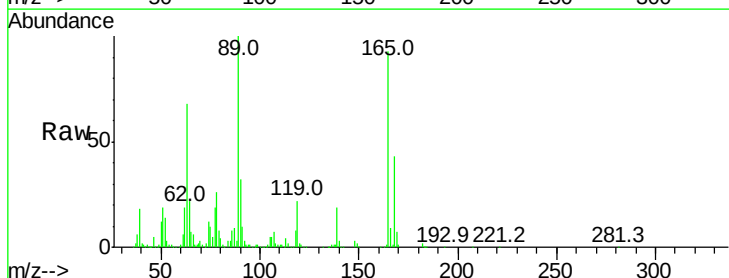
Ion Ratio Lower Upper

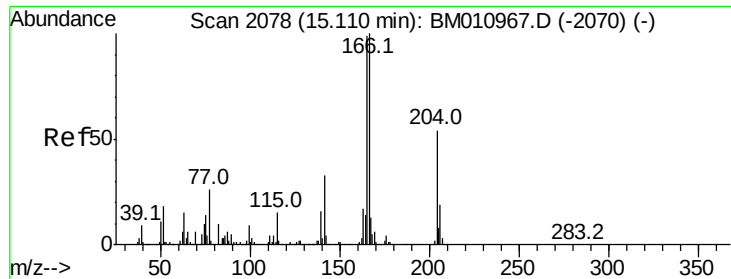
165 100

63 73.1 52.4 78.6

89 108.0 72.4 108.6

182 2.4 2.0 3.0

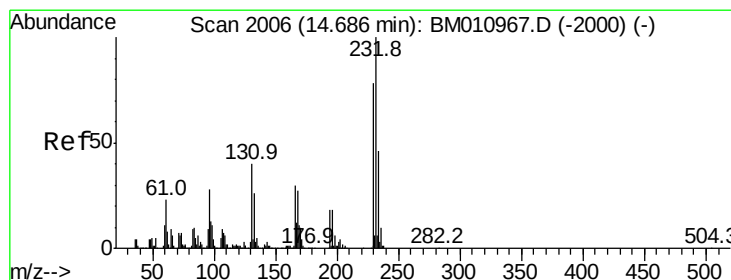
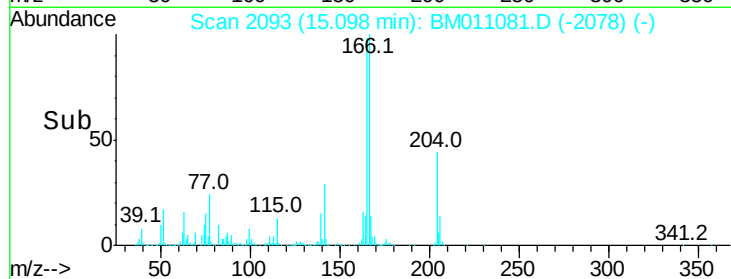
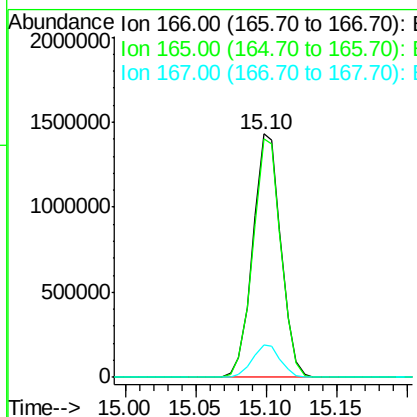
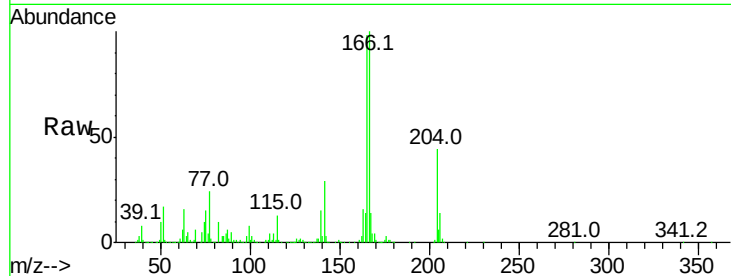




#57
 Fluorene
 Concen: 41.091 ng
 RT: 15.10 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

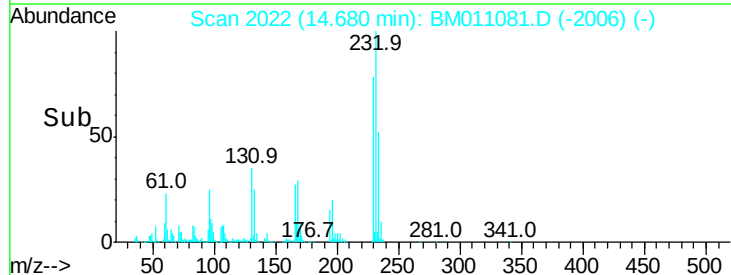
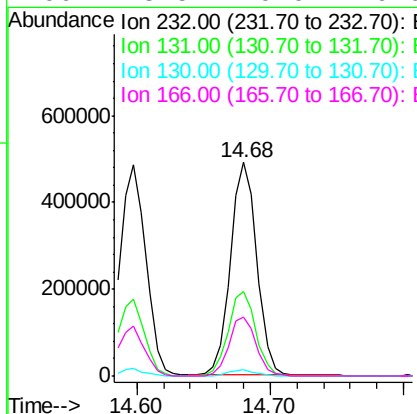
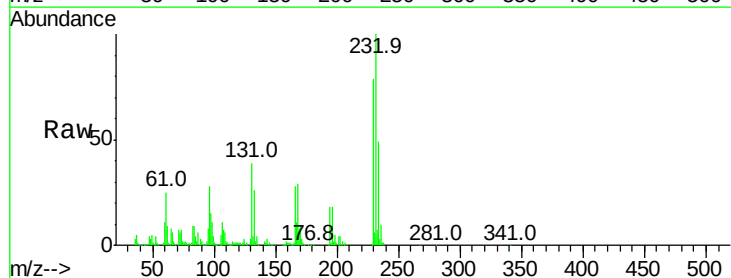
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMS

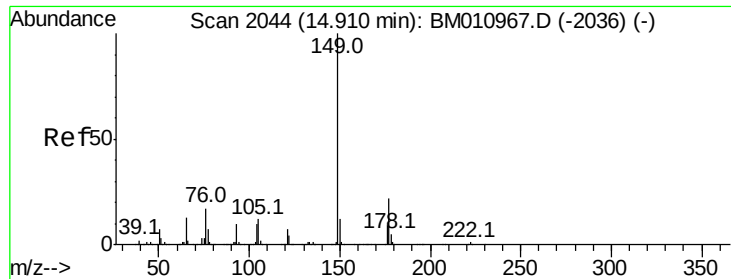
Tot Ion:166 Resp: 1994910
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.0 118.4
 167 13.5 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.272 ng
 RT: 14.68 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

Tgt Ion:232 Resp: 679028
 Ion Ratio Lower Upper
 232 100
 131 41.0 0.0 0.0#
 130 2.8 0.0 0.0#
 166 28.5 0.0 0.0#

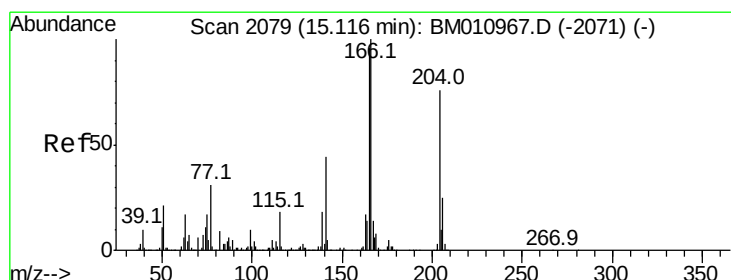
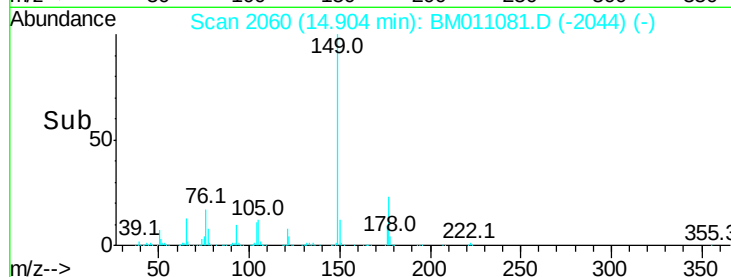
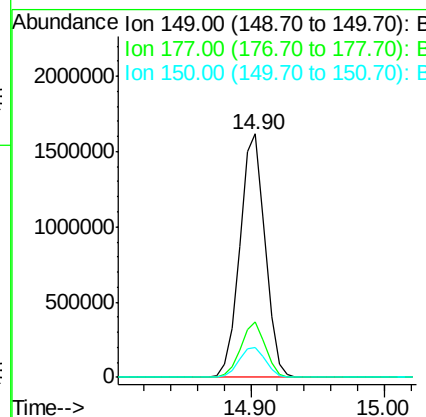
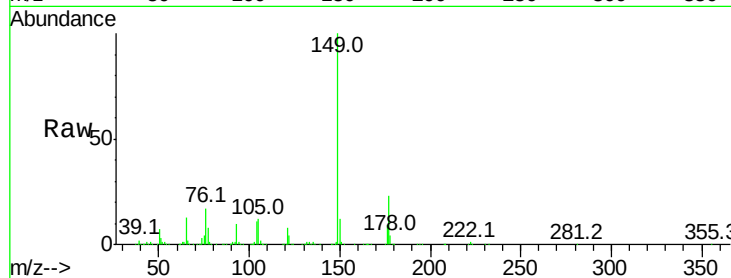




#59
Diethylphthalate
Concen: 41.382 ng
RT: 14.90 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BM011081.D
Acq: 01 Aug 2017 14:25

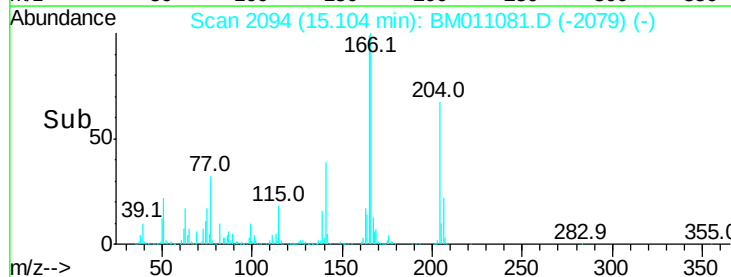
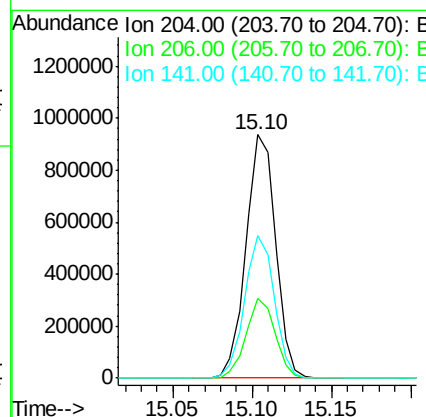
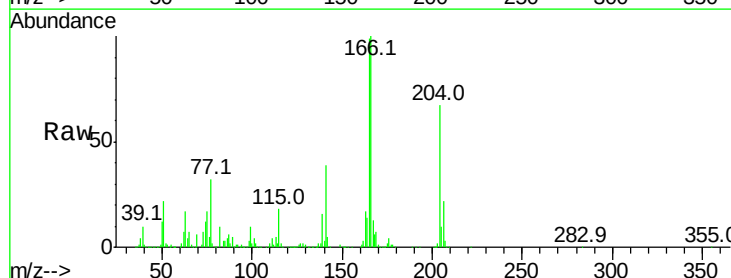
Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMS

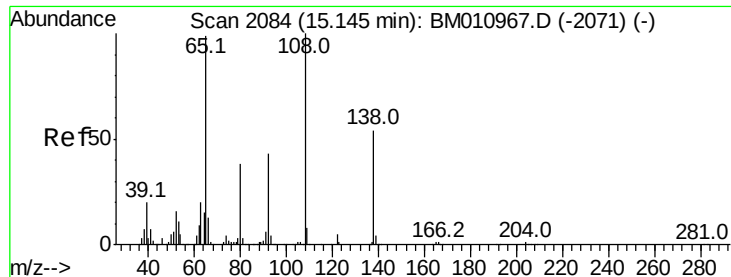
Tot Ion:149 Resp: 2113375
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 12.3 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 41.502 ng
RT: 15.10 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM011081.D
Acq: 01 Aug 2017 14:25

Tgt Ion:204 Resp: 1216496
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 58.3 45.2 67.8





#61

4-Nitroaniline

Concen: 39.354 ng

RT: 15.14 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

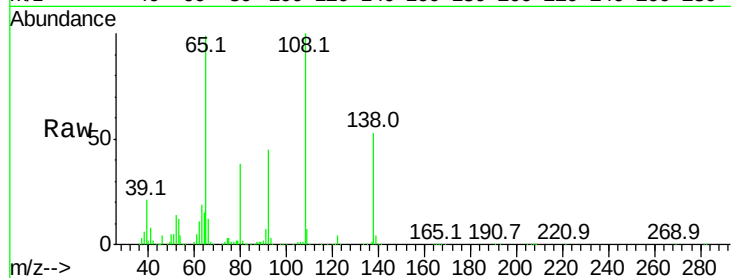
Tot Ion:138 Resp: 366804

Ion Ratio Lower Upper

138 100

92 84.3 16.7 56.7#

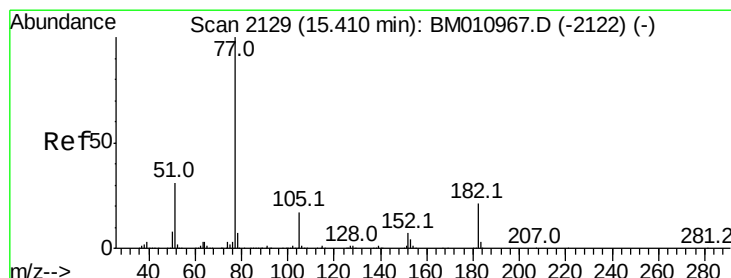
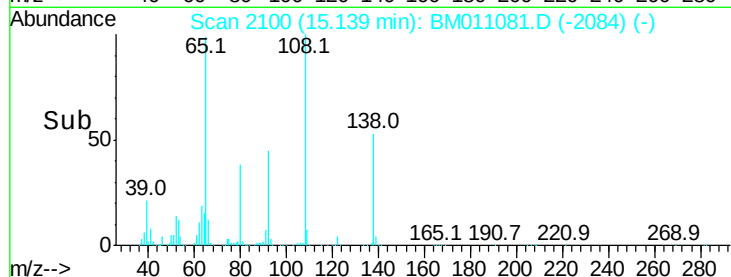
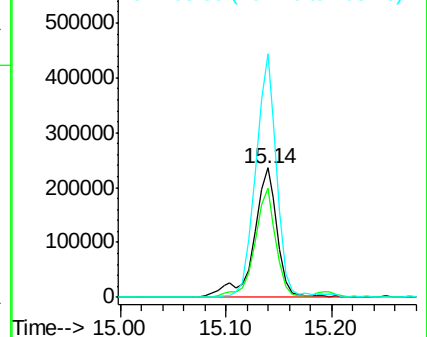
108 188.6 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.112 ng

RT: 15.40 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Tgt Ion: 77 Resp: 2684327

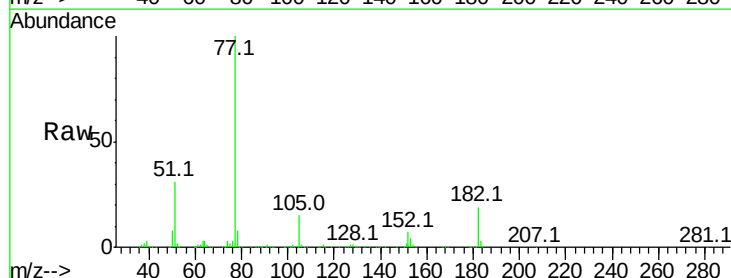
Ion Ratio Lower Upper

77 100

182 19.5 6.5 46.5

105 15.2 3.8 43.8

51 31.1 5.5 45.5

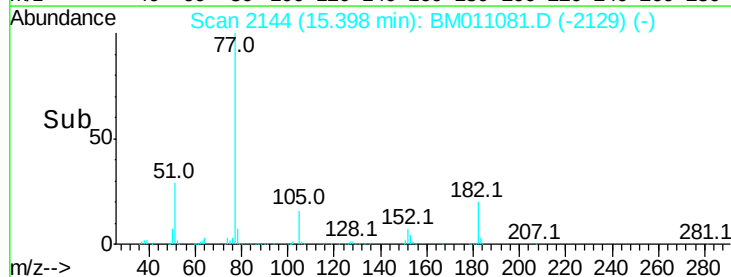
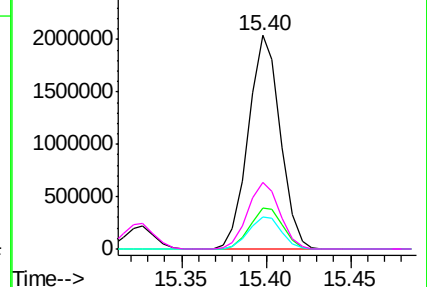


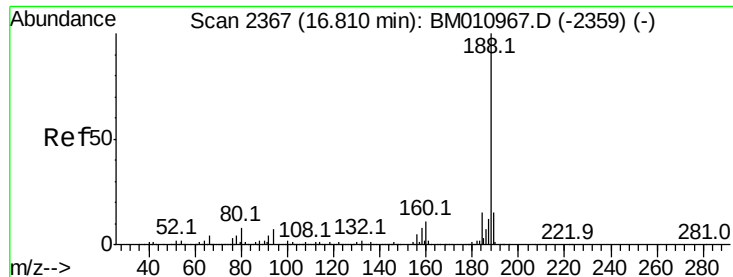
Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM

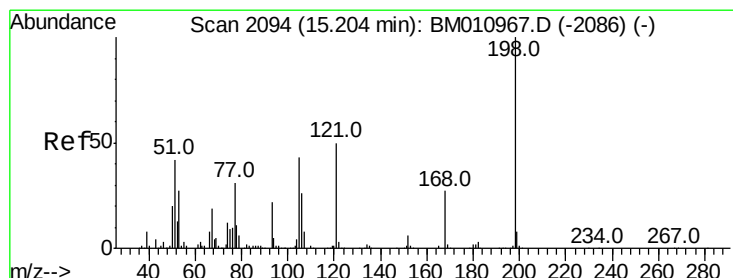
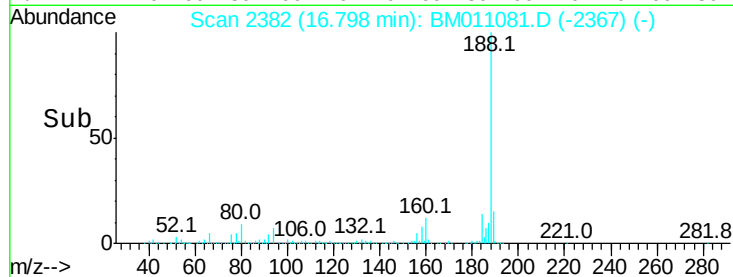
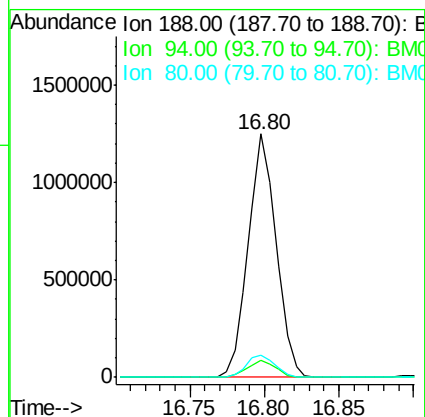
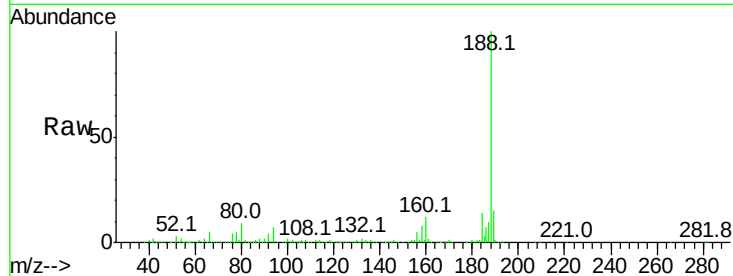




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.80 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

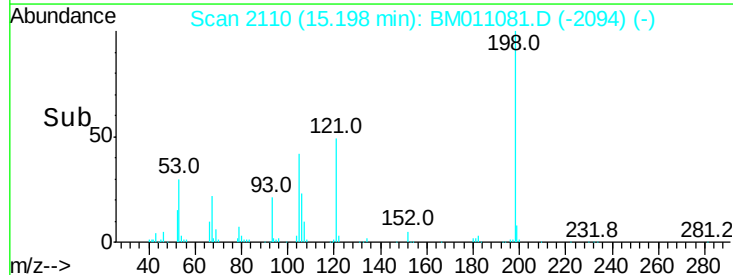
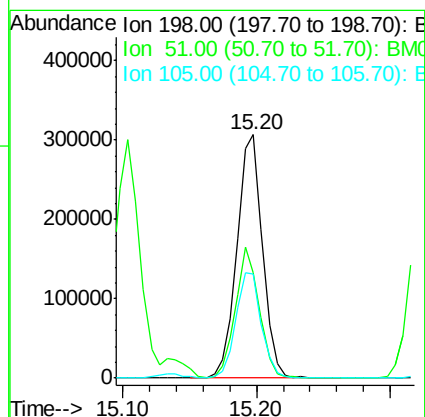
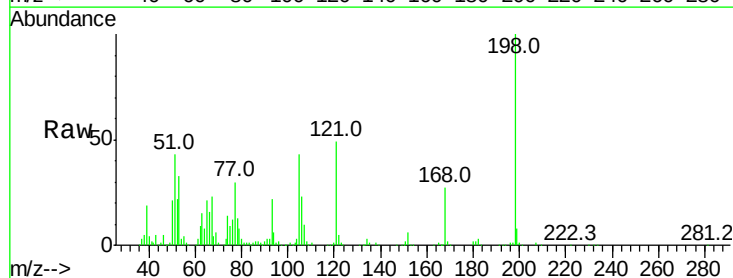
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMS

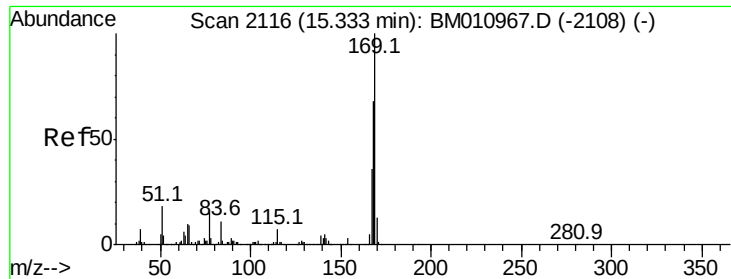
Tot Ion:188 Resp: 1618062
 Ion Ratio Lower Upper
 188 100
 94 7.2 8.7 13.1#
 80 9.2 9.3 13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.245 ng
 RT: 15.20 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

Tgt Ion:198 Resp: 407984
 Ion Ratio Lower Upper
 198 100
 51 43.0 28.8 68.8
 105 42.6 30.5 70.5

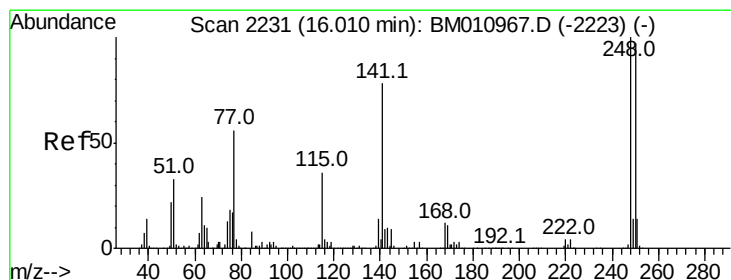
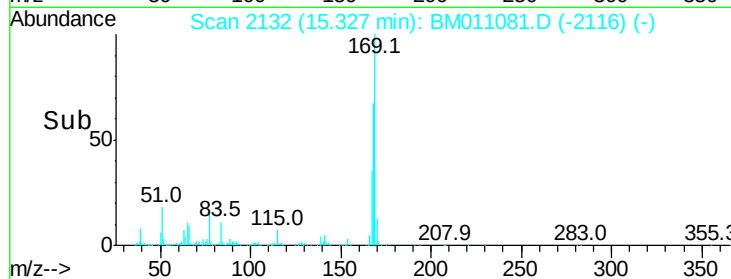
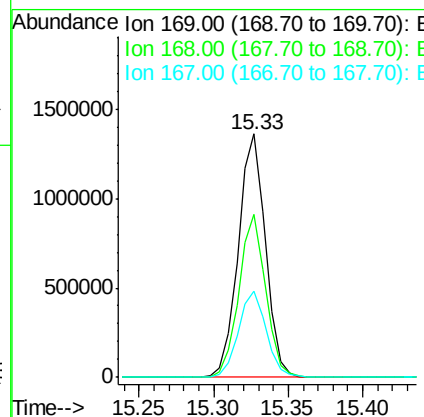
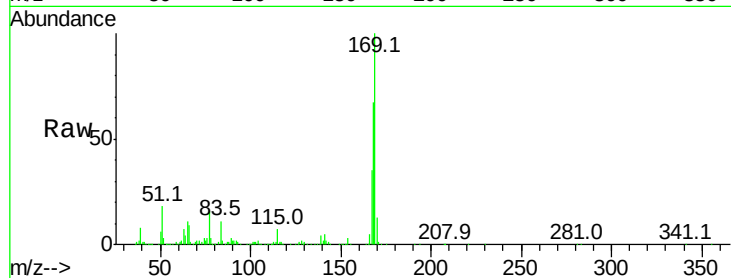




#65
 n-Nitrosodiphenylamine
 Concen: 37.276 ng
 RT: 15.33 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

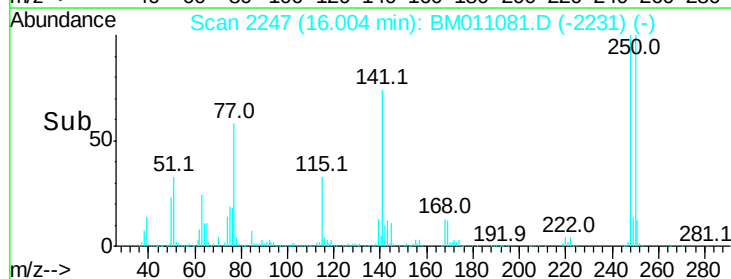
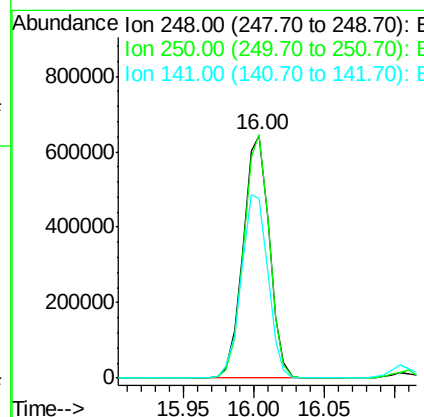
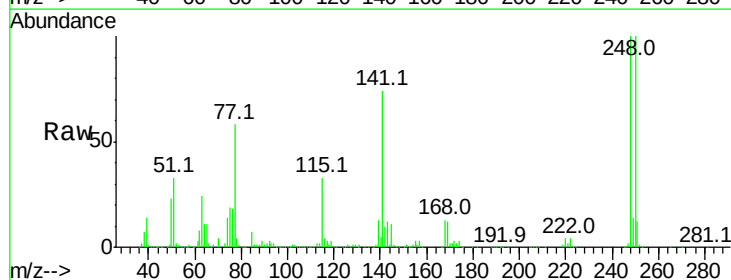
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMS

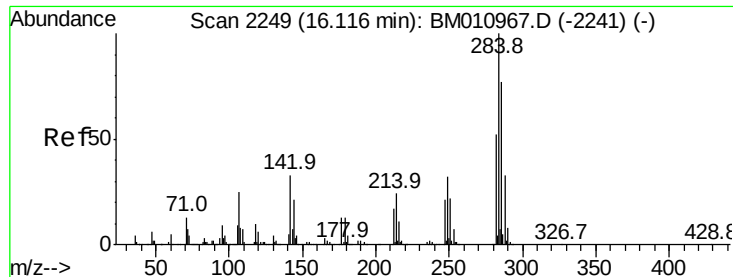
Tot Ion:169 Resp: 1726120
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.9 80.9
 167 35.3 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 40.028 ng
 RT: 16.00 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

Tgt Ion:248 Resp: 832620
 Ion Ratio Lower Upper
 248 100
 250 100.5 77.4 116.0
 141 74.4 45.2 67.8#





#67

Hexachlorobenzene

Concen: 36.552 ng

RT: 16.10 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

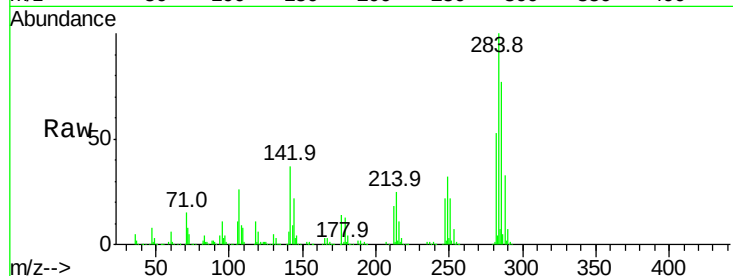
Tot Ion:284 Resp: 859158

Ion Ratio Lower Upper

284 100

142 36.6 20.4 30.6#

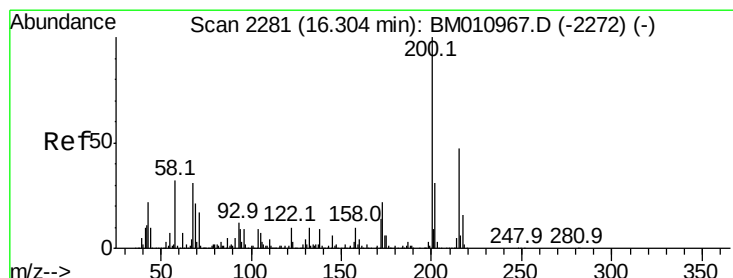
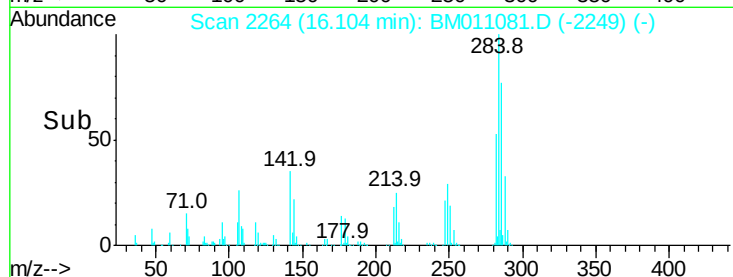
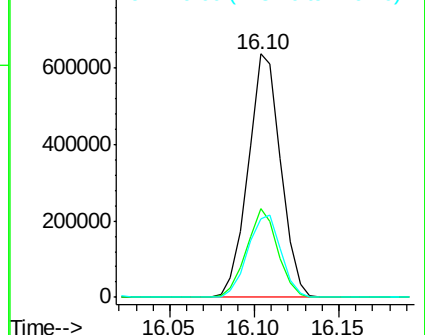
249 32.5 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 13.615 ng

RT: 16.30 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

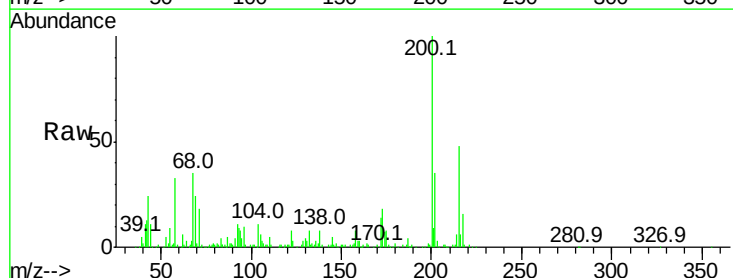
Tgt Ion:200 Resp: 252660

Ion Ratio Lower Upper

200 100

173 18.3 4.8 44.8

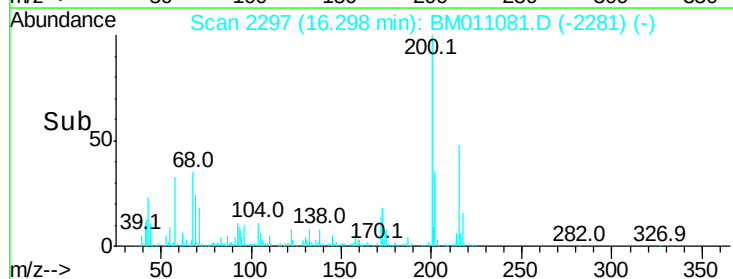
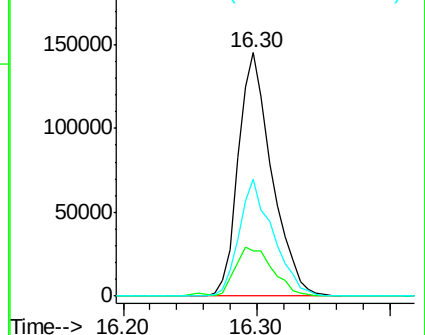
215 48.0 26.9 66.9

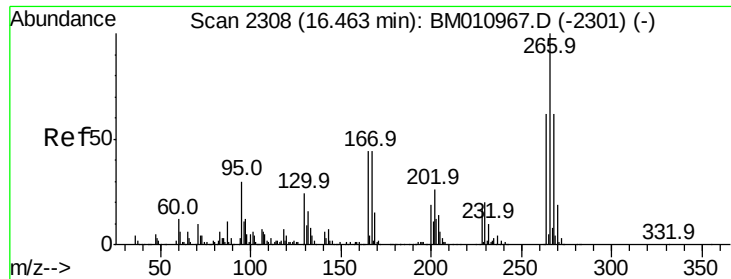


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 75.150 ng

RT: 16.46 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

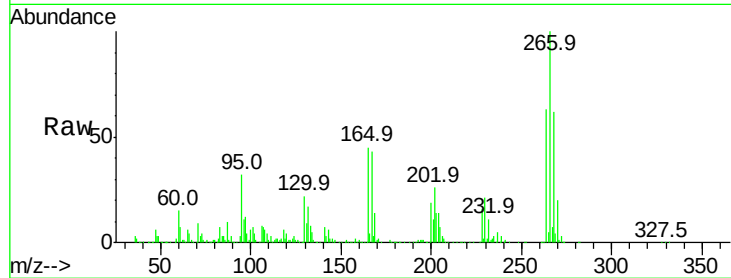
BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

Tot Ion:266 Resp: 1121438

Ion	Ratio	Lower	Upper
266	100		
268	62.4	52.0	78.0
264	63.0	49.0	73.4

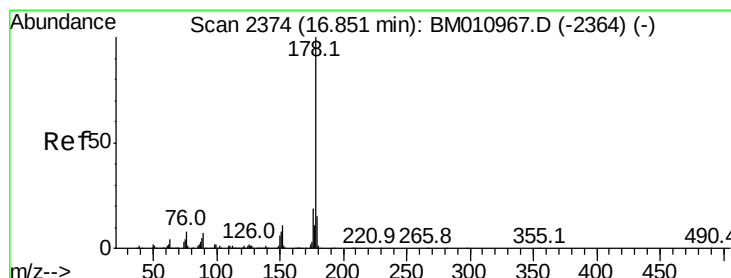
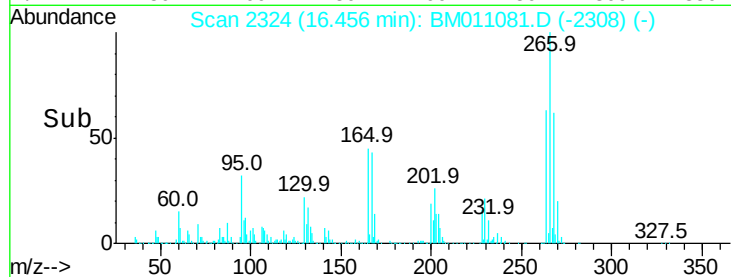
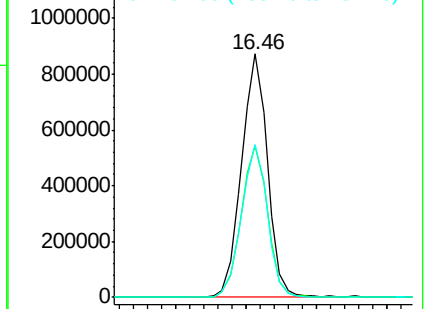


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.545 ng

RT: 16.84 min Scan# 2390

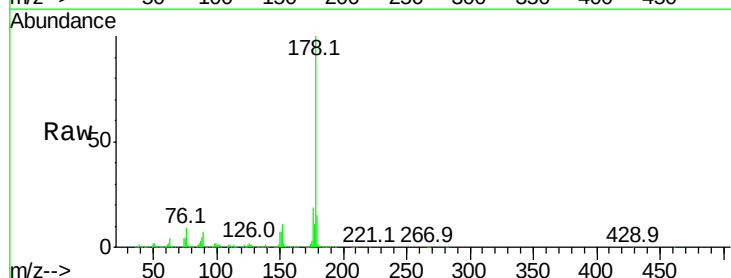
Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Tgt Ion:178 Resp: 3519933

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	14.7	12.1	18.1

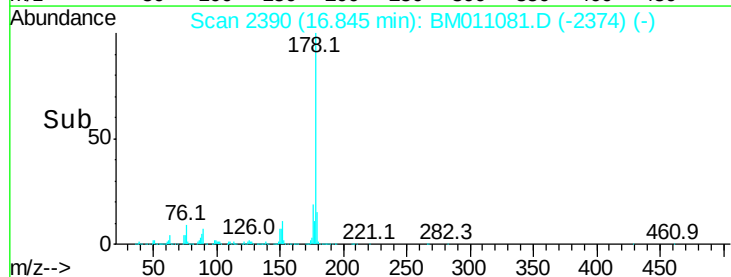
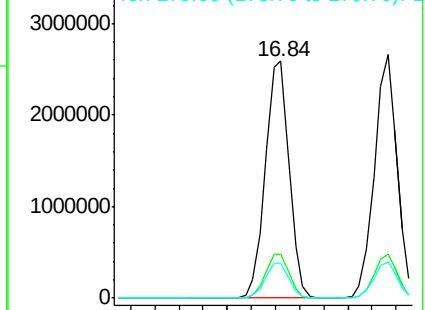


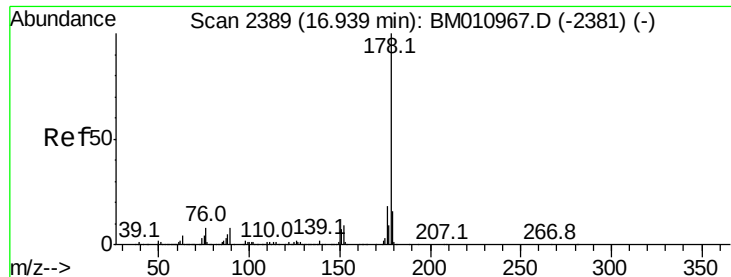
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

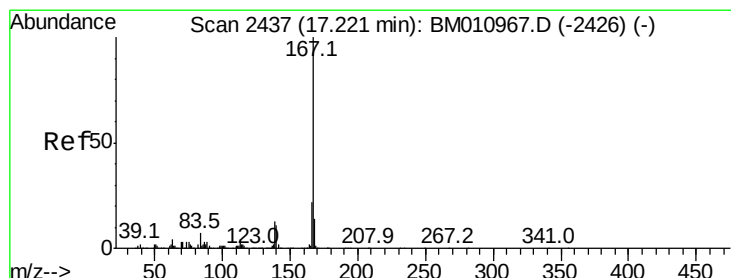
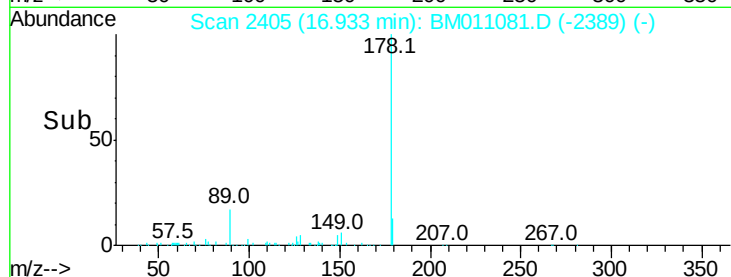
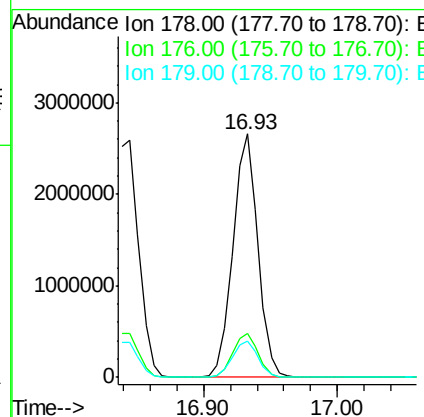
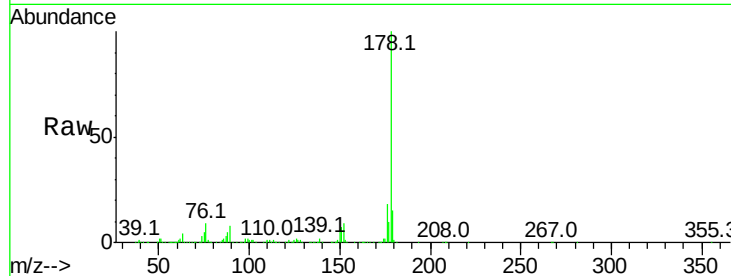




#71
 Anthracene
 Concen: 41.207 ng
 RT: 16.93 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

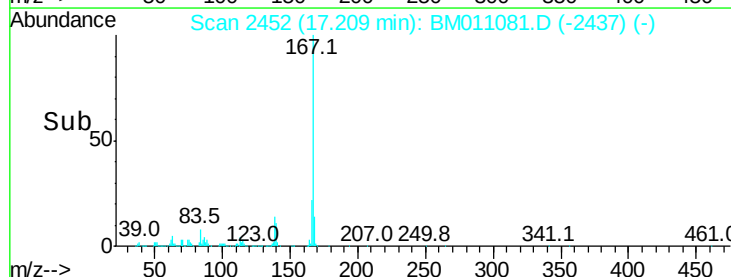
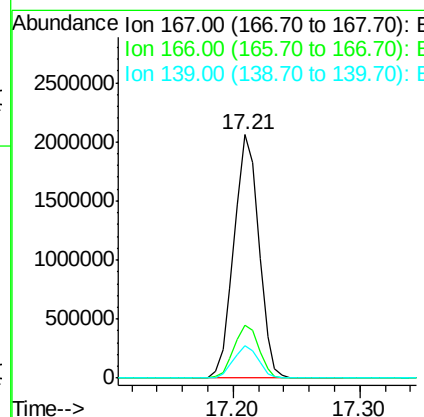
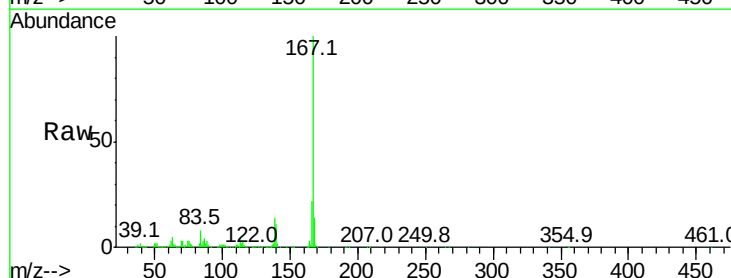
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMS

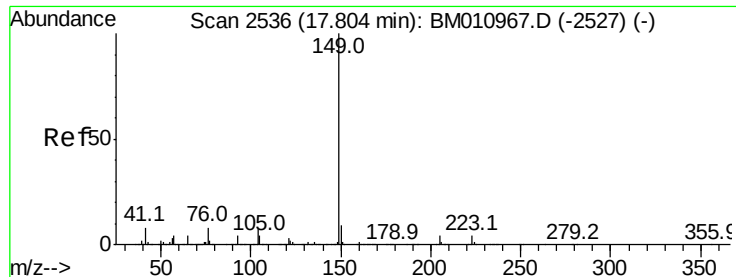
Tot Ion:178 Resp: 3481858
 Ion Ratio Lower Upper
 178 100
 176 18.1 14.6 22.0
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 37.919 ng
 RT: 17.21 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

Tgt Ion:167 Resp: 2802085
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.5 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.074 ng

RT: 17.80 min Scan# 2552

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

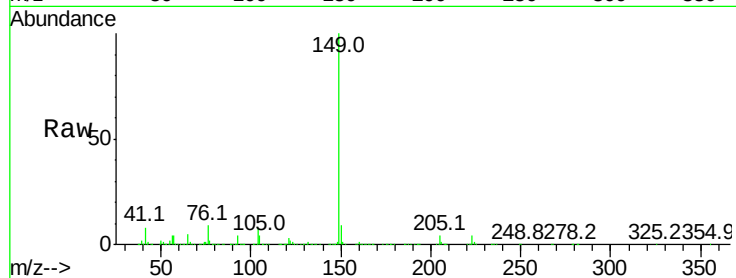
Tot Ion:149 Resp: 3606225

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

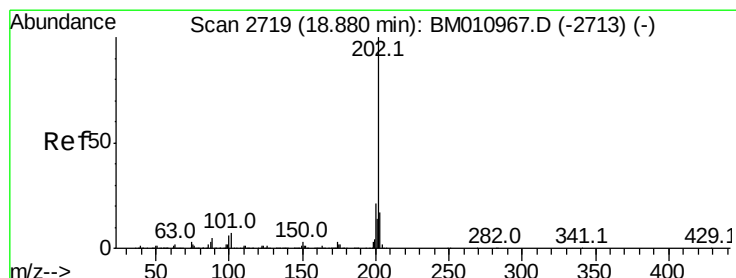
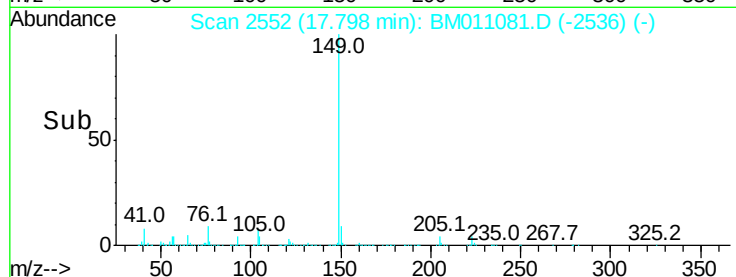
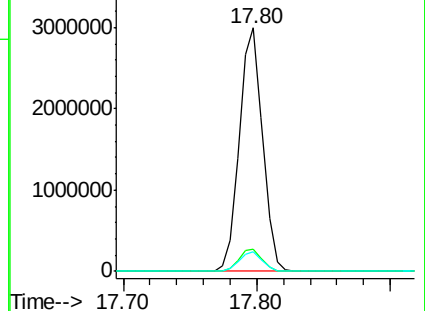
104 8.1 3.7 5.5#



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: 41.469 ng

RT: 18.87 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

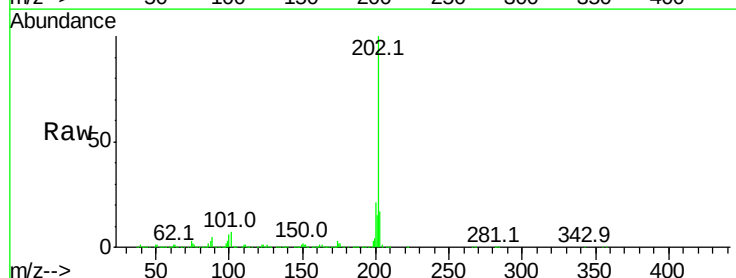
Tgt Ion:202 Resp: 4353983

Ion Ratio Lower Upper

202 100

101 7.3 0.0 28.7

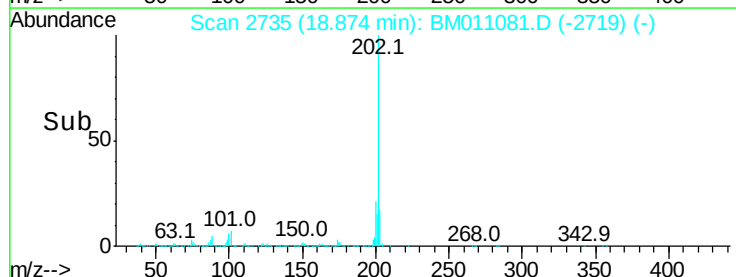
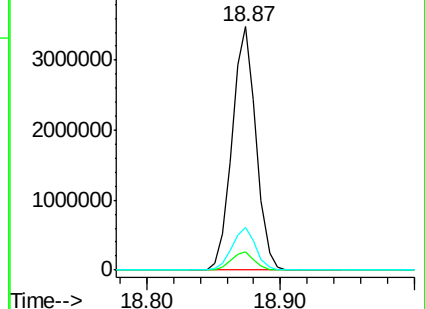
203 17.5 0.0 37.2

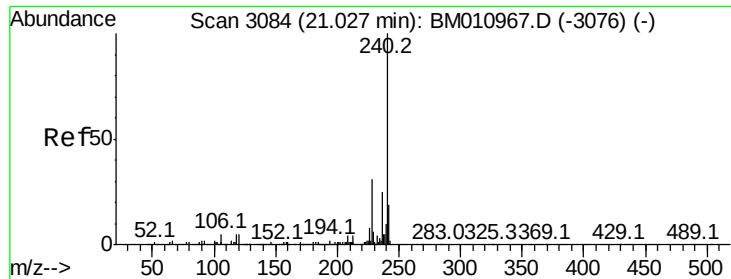


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

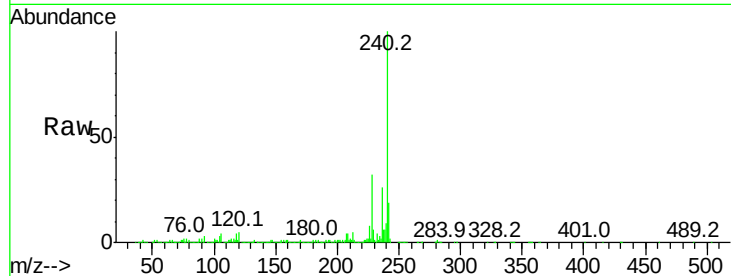
Tot Ion:240 Resp: 1736071

Ion Ratio Lower Upper

240 100

120 5.5 8.2 12.2#

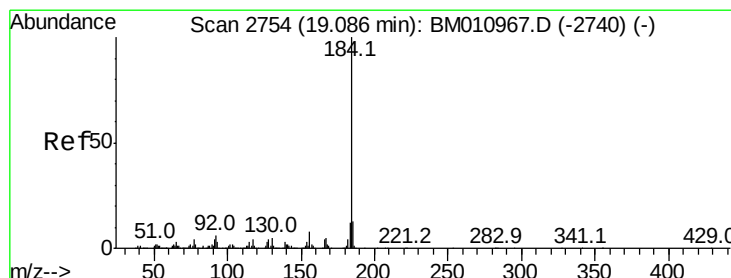
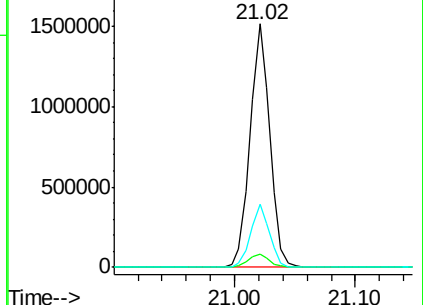
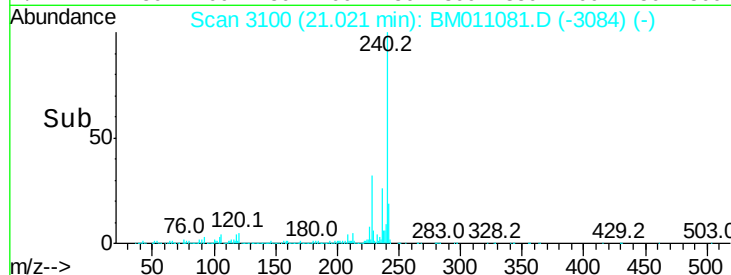
236 25.8 20.0 30.0



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: 3.988 ng

RT: 19.09 min Scan# 2771

Delta R.T. -0.00 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

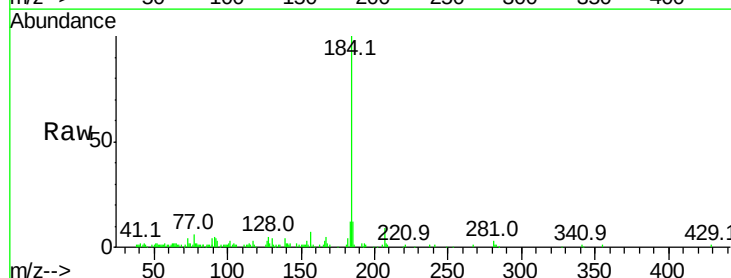
Tgt Ion:184 Resp: 165638

Ion Ratio Lower Upper

184 100

185 12.1 11.3 16.9

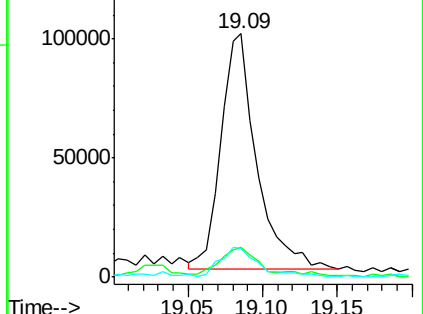
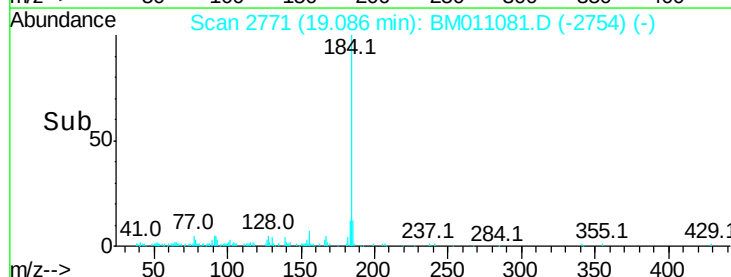
183 11.5 8.9 13.3

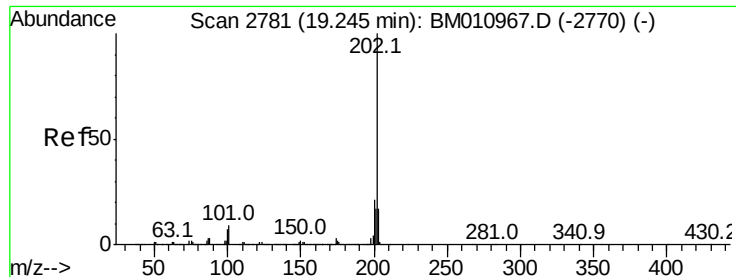


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.350 ng

RT: 19.24 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

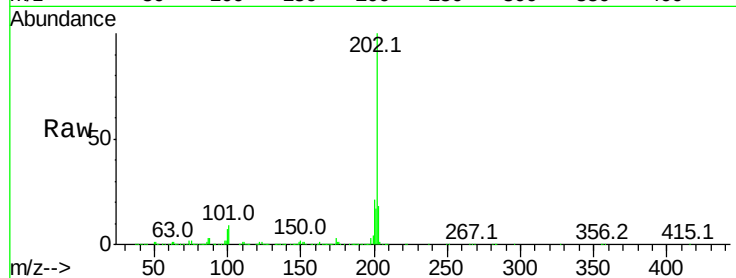
BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

Tot Ion:202 Resp: 4471819

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	17.8	14.1	21.1

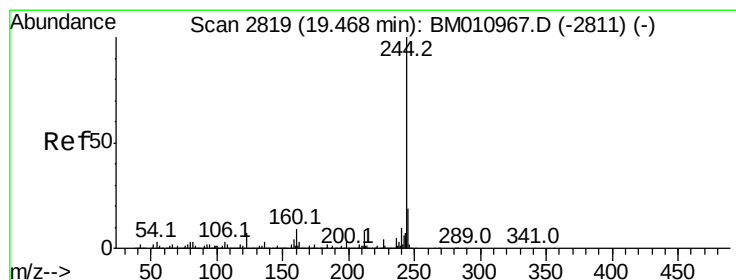
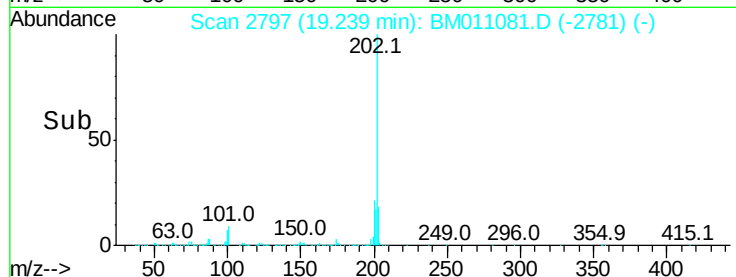
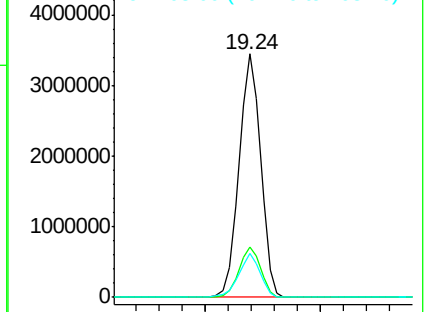


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.476 ng

RT: 19.46 min Scan# 2835

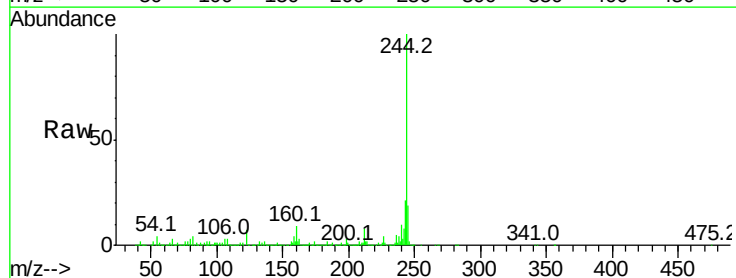
Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Tgt Ion:244 Resp: 7053062

Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	7.2	6.2	9.4

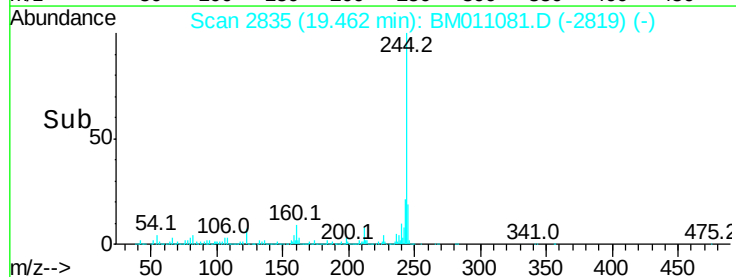
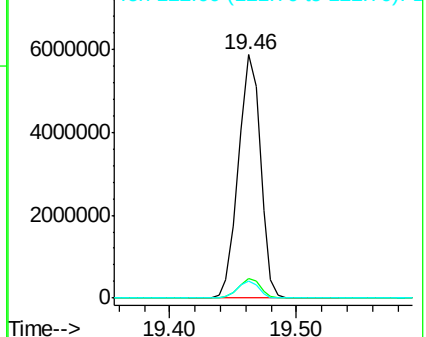


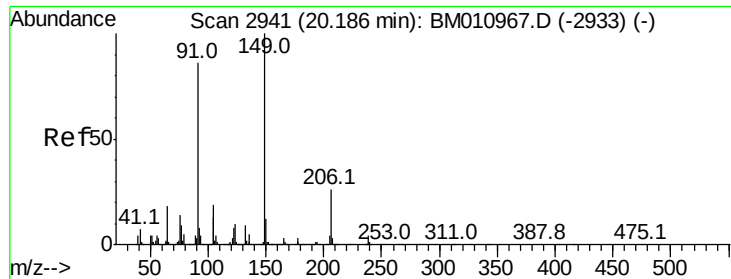
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

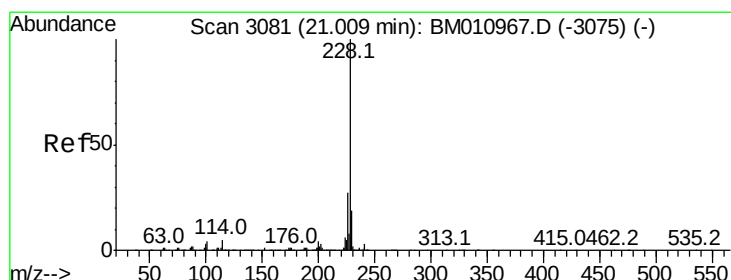
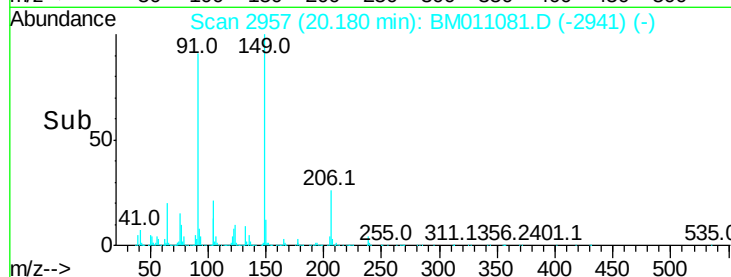
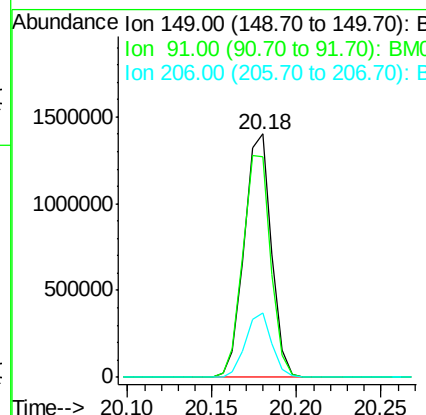
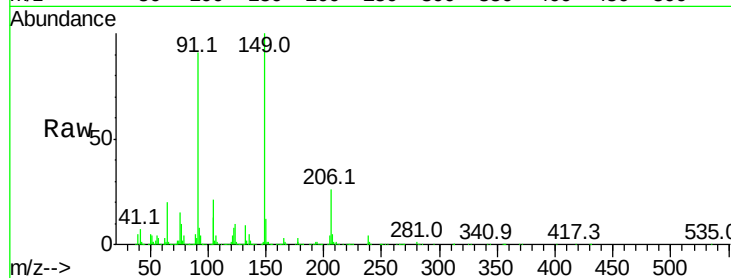




#79
Butylbenzylphthalate
Concen: 42.864 ng
RT: 20.18 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BM011081.D
Acq: 01 Aug 2017 14:25

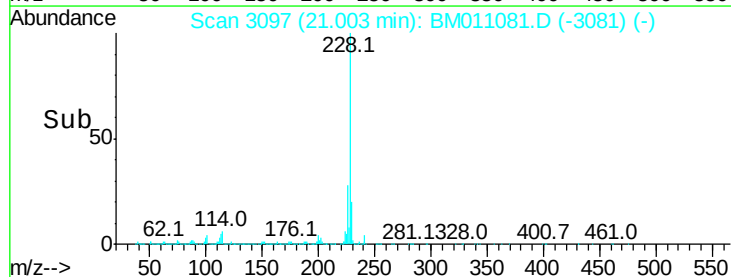
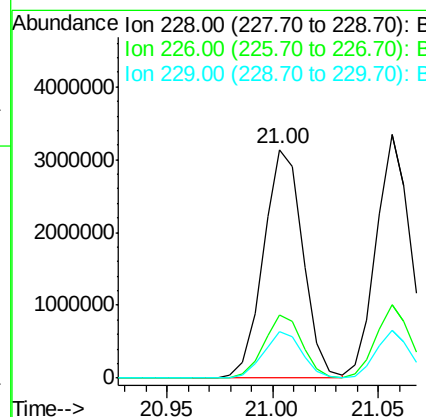
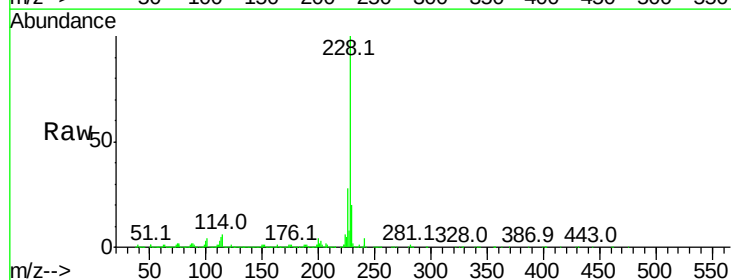
Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMS

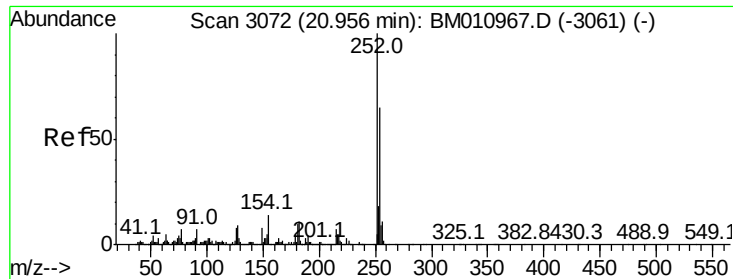
Tot Ion:149 Resp: 1572310
Ion Ratio Lower Upper
149 100
91 90.8 50.1 75.1#
206 26.3 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 41.066 ng
RT: 21.00 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM011081.D
Acq: 01 Aug 2017 14:25

Tgt Ion:228 Resp: 4070838
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 20.1 16.0 24.0

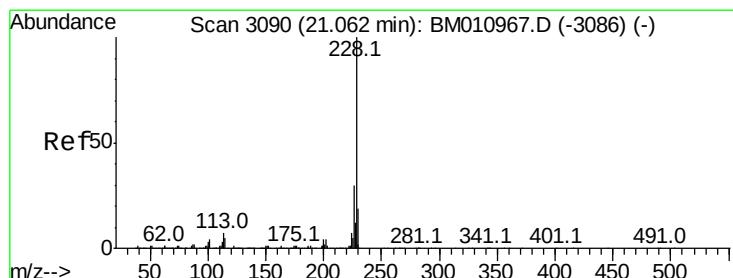
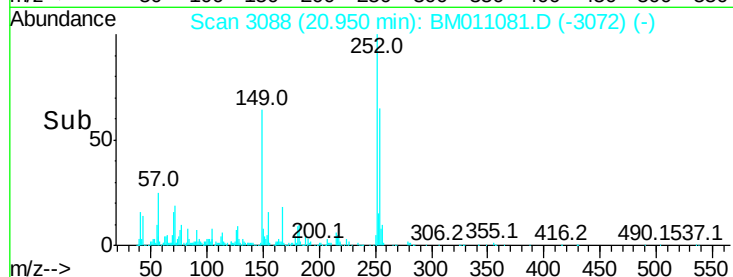
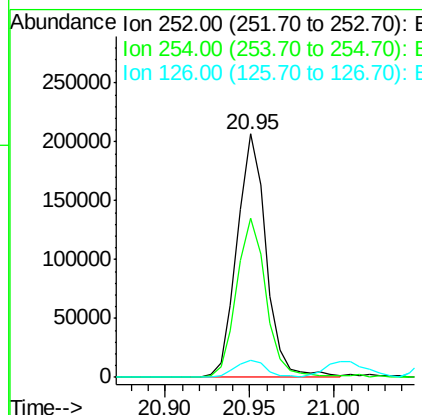
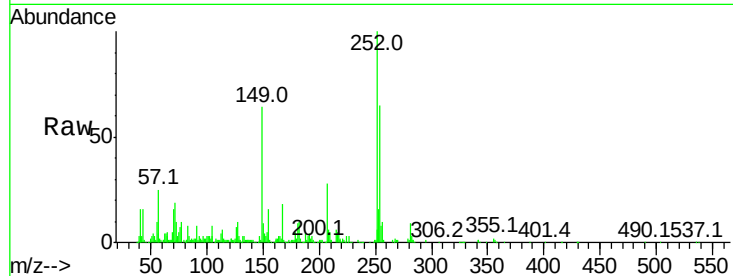




#81
 3,3'-Dichlorobenzidine
 Concen: 6.351 ng
 RT: 20.95 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

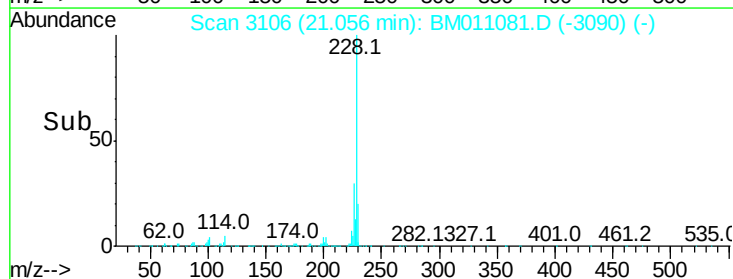
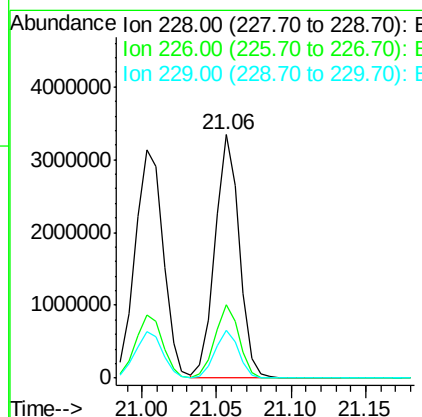
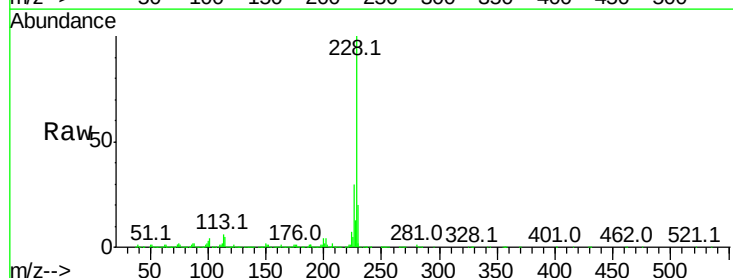
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMS

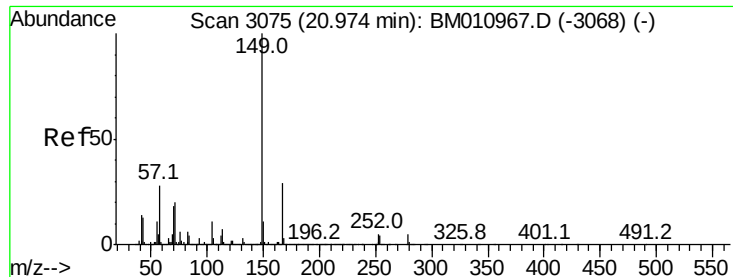
Tot Ion:252 Resp: 246960
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.9 77.9
 126 7.0 9.8 14.8#



#82
 Chrysene
 Concen: 39.746 ng
 RT: 21.06 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

Tgt Ion:228 Resp: 3781951
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.1 36.1
 229 19.7 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.348 ng

RT: 20.97 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

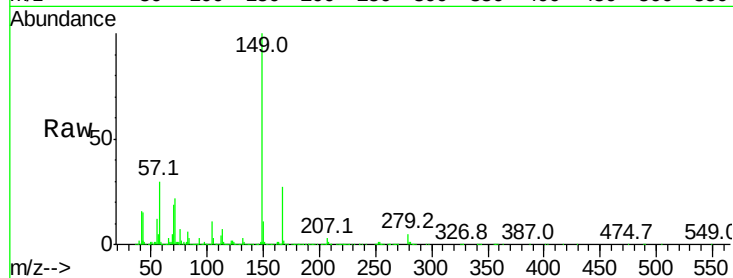
Tot Ion:149 Resp: 2177296

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.4	33.6
279	5.0	3.4	5.0

149 100

167 27.4 22.4 33.6

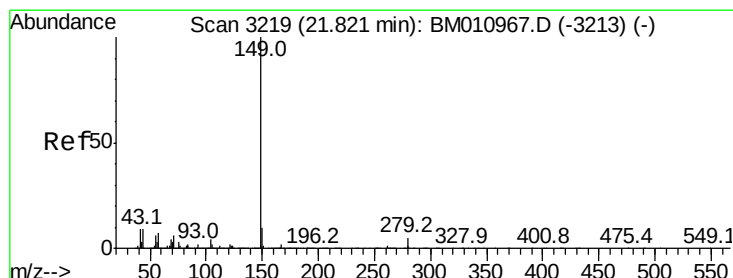
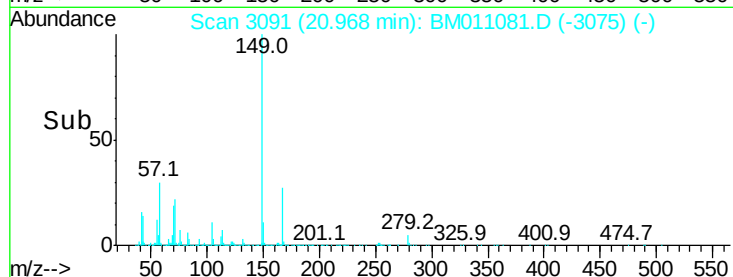
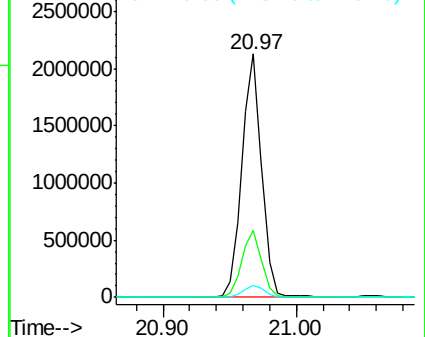
279 5.0 3.4 5.0



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: 38.879 ng

RT: 21.82 min Scan# 3236

Delta R.T. -0.00 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

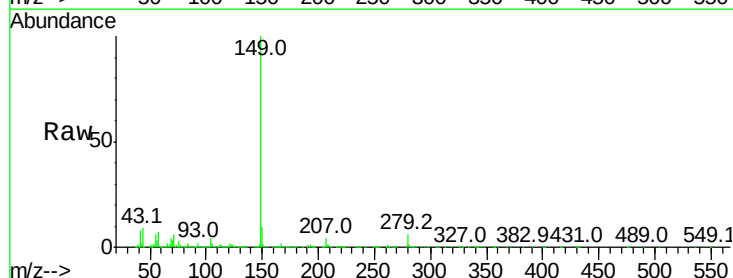
Tgt Ion:149 Resp: 3405105

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.0	7.3	10.9

149 100

167 1.7 1.2 1.8

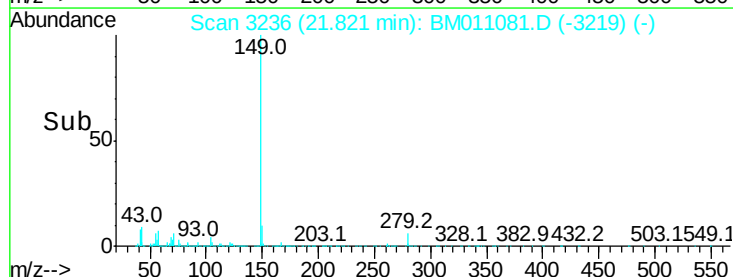
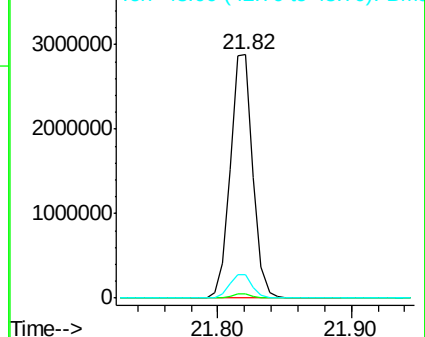
43 10.0 7.3 10.9

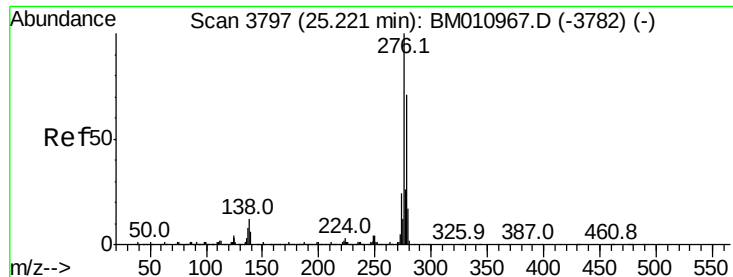


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

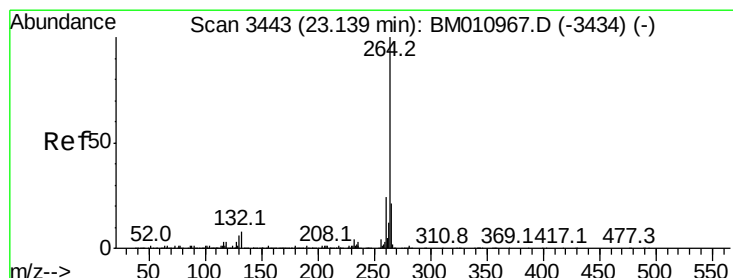
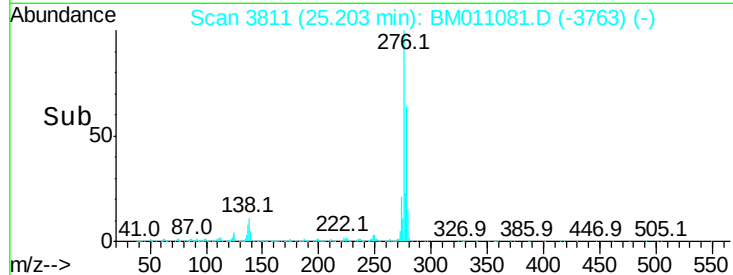
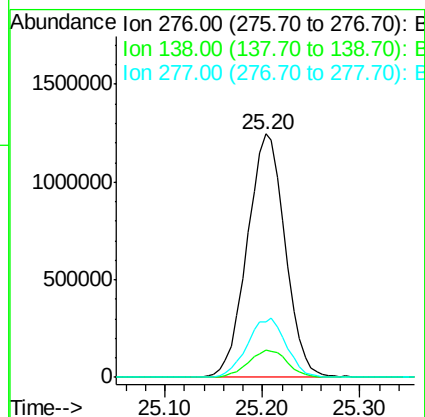
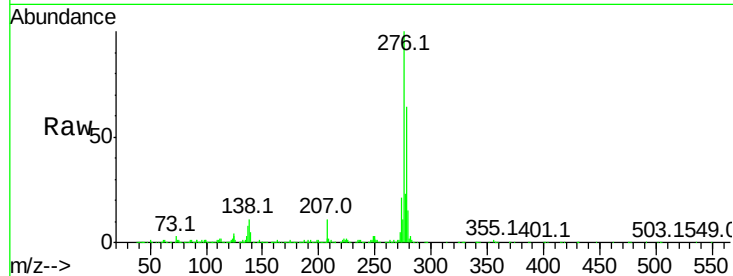




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.325 ng
 RT: 25.20 min Scan# 3811
 Delta R.T. -0.02 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

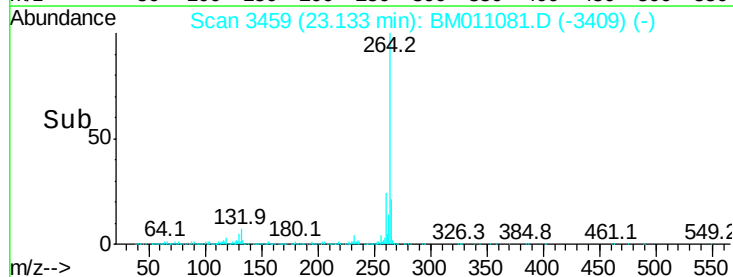
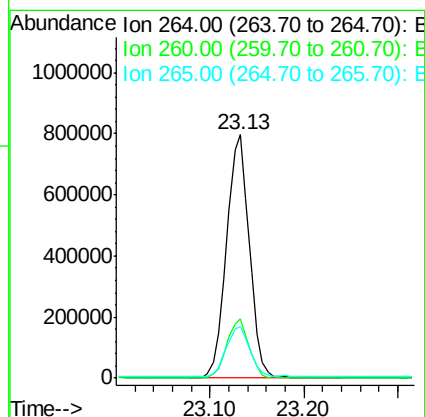
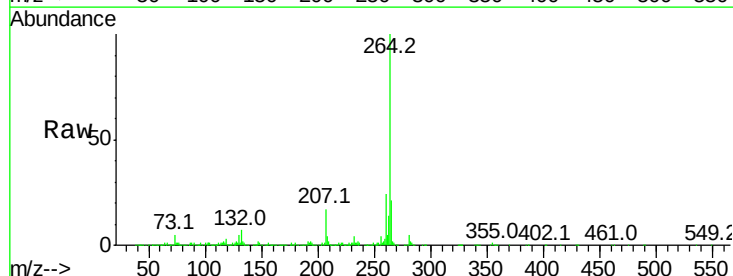
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMS

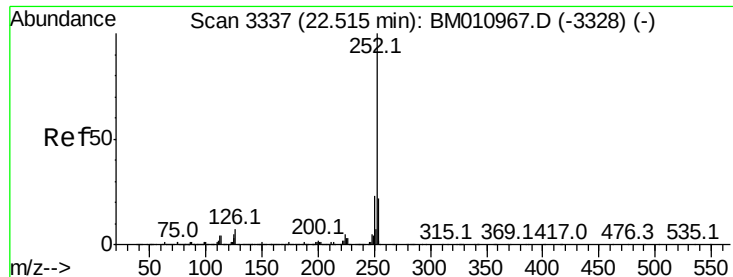
Tot Ion:276 Resp: 3382625
 Ion Ratio Lower Upper
 276 100
 138 11.4 12.0 18.0#
 277 24.9 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.13 min Scan# 3459
 Delta R.T. -0.01 min
 Lab File: BM011081.D
 Acq: 01 Aug 2017 14:25

Tgt Ion:264 Resp: 1347747
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 27.8
 265 21.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 40.747 ng

RT: 22.51 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

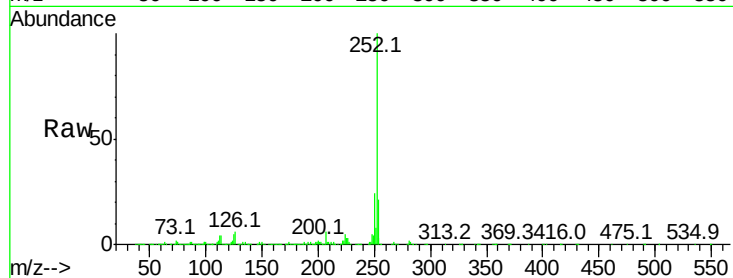
Tot Ion:252 Resp: 3524632

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

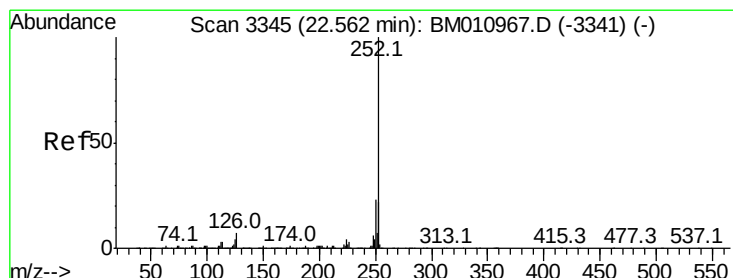
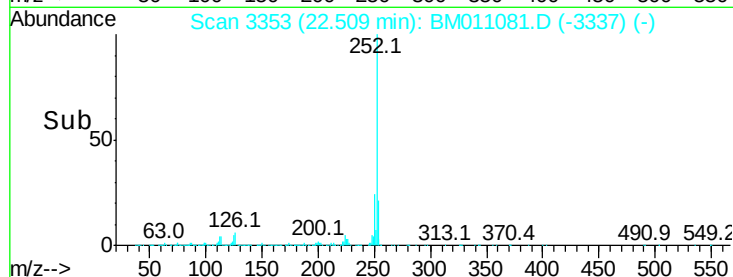
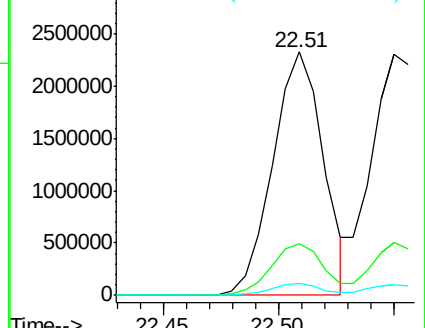
125 5.1 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.152 ng

RT: 22.55 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

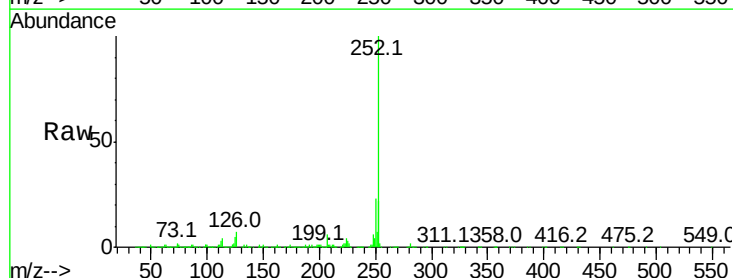
Tgt Ion:252 Resp: 3494677

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

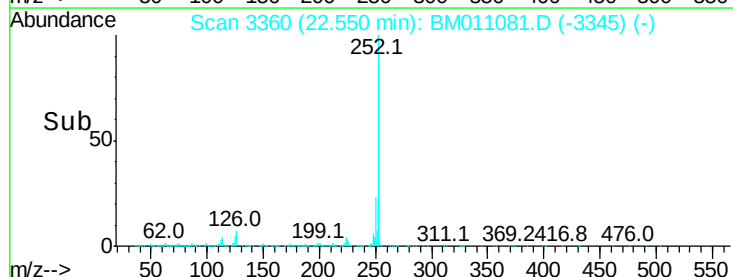
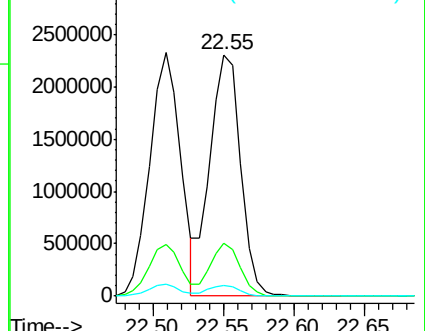
125 4.6 8.1 12.1#

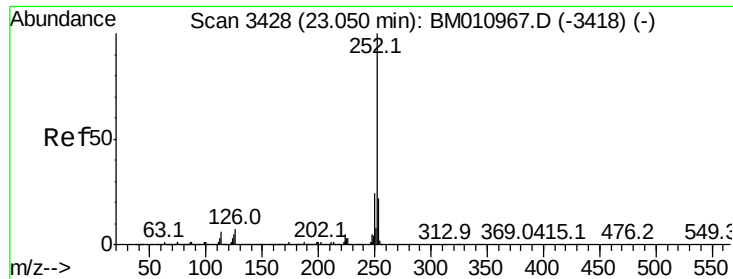


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.586 ng

RT: 23.04 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

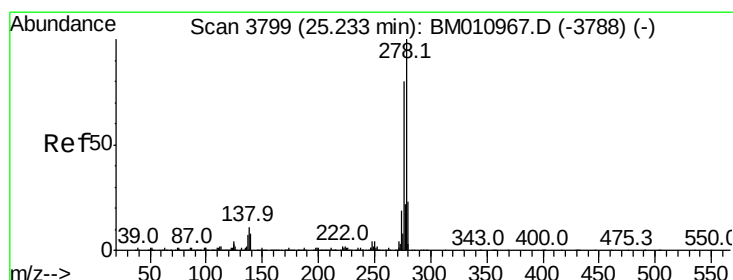
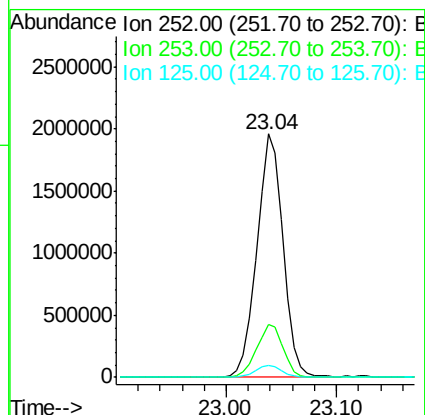
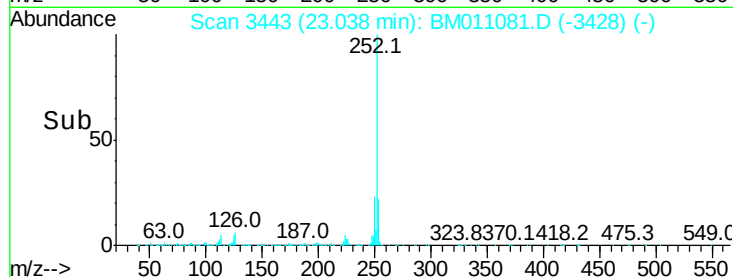
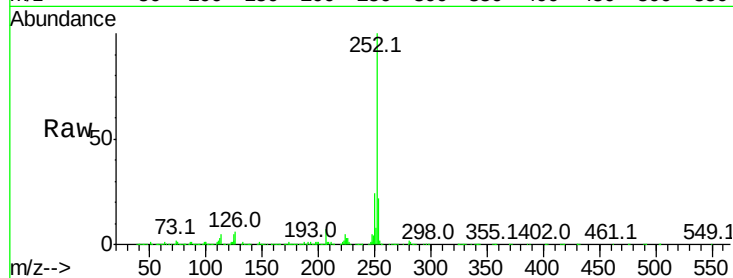
BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

Tot Ion:252 Resp: 3255018

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	4.8	7.4	11.2#



#90

Dibenzo(a,h)anthracene

Concen: 38.116 ng

RT: 25.22 min Scan# 3814

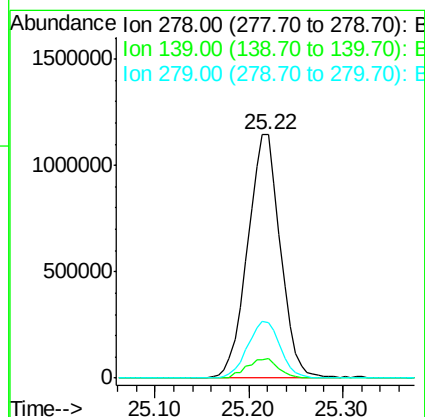
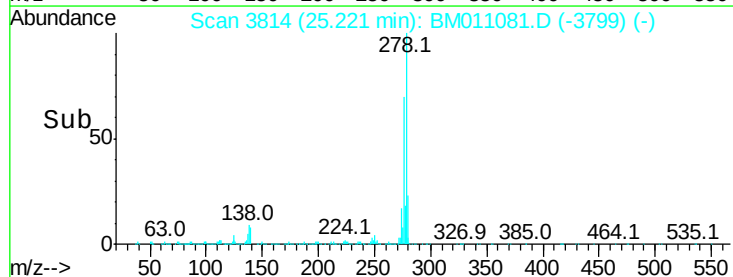
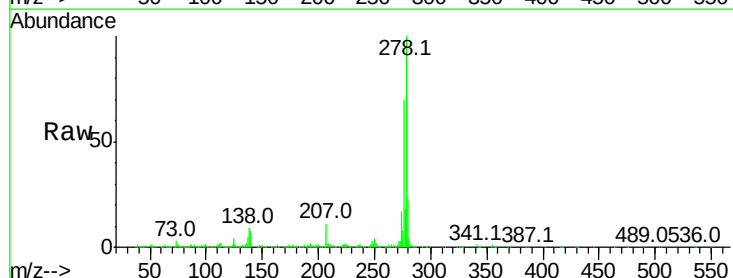
Delta R.T. -0.01 min

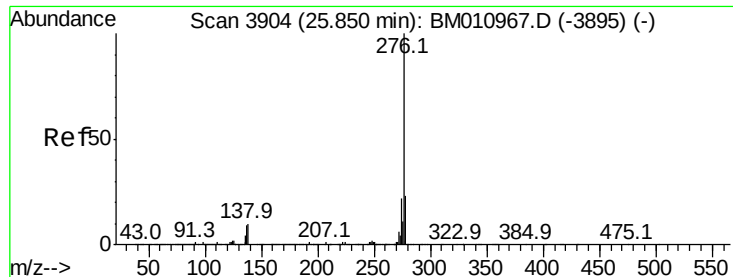
Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Tgt Ion:278 Resp: 2765704

Ion	Ratio	Lower	Upper
278	100		
139	7.8	13.4	20.0#
279	22.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 38.400 ng

RT: 25.84 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BM011081.D

Acq: 01 Aug 2017 14:25

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMS

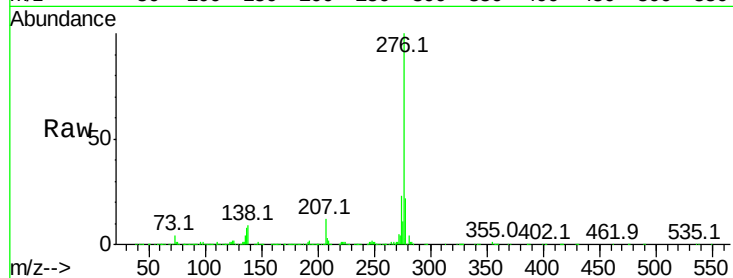
Tot Ion:276 Resp: 2735997

Ion Ratio Lower Upper

276 100

277 22.1 18.5 27.7

138 9.2 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

