

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010266.D
 Acq On : 26 May 2017 20:35
 Operator : SJ/MA
 Sample : I3306-08MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 26 23:35:59 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	101411	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	364761	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	254169	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	646620	20.00	ng	-0.04
75) Chrysene-d12	21.48	240	968920	20.00	ng	-0.03
86) Perylene-d12	23.83	264	1007502	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	473360	84.29	ng	-0.03
7) Phenol-d6	7.13	99	370740	51.31	ng	-0.04
23) Nitrobenzene-d5	9.13	82	812364	120.16	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	666564	172.67	ng	-0.03
44) 2-Fluorobiphenyl	13.19	172	2133659	107.92	ng	-0.04
78) Terphenyl-d14	19.92	244	3985508	93.53	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	62989	24.41	ng	# 100
3) Pyridine	3.88	79	93388	13.52	ng	# 84
4) n-Nitrosodimethylamine	3.76	42	83597	33.46	ng	# 64
8) 2-Chlorophenol	7.51	128	253125	41.43	ng	89
9) Benzaldehyde	7.10	77	81613	18.14	ng	85
10) Phenol	7.15	94	139497	18.32	ng	94
11) bis(2-Chloroethyl)ether	7.37	93	421994	74.34	ng	95
12) 1,3-Dichlorobenzene	7.82	146	349197	44.97	ng	# 88
13) 1,4-Dichlorobenzene	7.97	146	355755	44.60	ng	96
14) 1,2-Dichlorobenzene	8.29	146	344773	45.03	ng	97
15) Benzyl Alcohol	8.20	79	176152	32.22	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.46	45	219816	39.39	ng	73
17) 2-Methylphenol	8.40	107	183567	33.88	ng	# 84
18) Hexachloroethane	9.01	117	125208	48.43	ng	# 69
19) n-Nitroso-di-n-propylamine	8.75	70	266677	52.29	ng	95
20) 3+4-Methylphenols	8.73	107	233337	31.89	ng	88
22) Acetophenone	8.77	105	479457	51.28	ng	# 96
24) Nitrobenzene	9.17	77	410684	58.96	ng	92
25) Isophorone	9.67	82	659576	56.46	ng	# 93
26) 2-Nitrophenol	9.87	139	156401	53.27	ng	# 47
27) 2,4-Dimethylphenol	9.92	122	240231	45.32	ng	# 79
28) bis(2-Chloroethoxy)methane	10.16	93	354677	47.84	ng	99
29) 2,4-Dichlorophenol	10.40	162	322570	52.85	ng	95
30) 1,2,4-Trichlorobenzene	10.59	180	402884	51.02	ng	98
31) Naphthalene	10.80	128	895407	45.89	ng	98
32) Benzoic acid	10.03	122	74614	20.65	ng	# 85
33) 4-Chloroaniline	11.00	127	135573	18.03	ng	# 83
34) Hexachlorobutadiene	11.04	225	277670	52.71	ng	96
35) Caprolactam	11.79	113	16781	9.58	ng	# 63
36) 4-Chloro-3-methylphenol	12.05	107	308440	46.66	ng	# 80
37) 2-Methylnaphthalene	12.39	142	720899	51.31	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.75	216	488412	49.97	ng	# 100
40) Hexachlorocyclopentadiene	12.72	237	647785	114.79	ng	100
42) 2,4,6-Trichlorophenol	13.00	196	318630	55.35	ng	99

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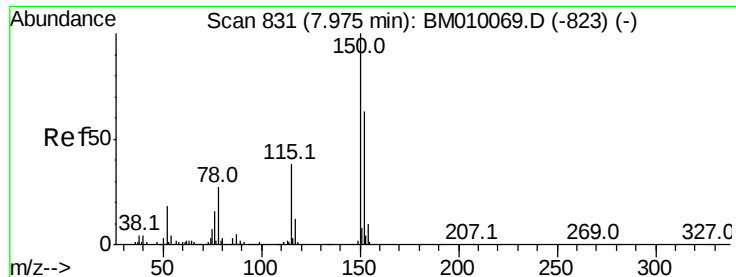
Instrument :
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Quant Time: May 26 23:35:59 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	13.08	196	338480	53.21	nq	# 91
45) 1,1'-Biphenyl	13.40	154	1016957	48.65	nq	99
46) 2-Chloronaphthalene	13.45	162	812527	48.01	nq	95
47) 2-Nitroaniline	13.69	65	248237	57.04	nq	# 77
48) Acenaphthylene	14.30	152	1273052	50.87	nq	99
49) Dimethylphthalate	14.04	163	1160790	51.20	nq	# 99
50) 2,6-Dinitrotoluene	14.17	165	226042	52.51	nq	# 84
51) Acenaphthene	14.64	154	767359	49.33	nq	96
52) 3-Nitroaniline	14.53	138	172499	43.11	nq	# 66
53) 2,4-Dinitrophenol	14.71	184	314505	107.58	nq	87
54) Dibenzofuran	14.97	168	1340651	54.81	nq	95
55) 4-Nitrophenol	14.83	139	131572	40.86	nq	# 20
56) 2,4-Dinitrotoluene	14.95	165	333525	54.76	nq	90
57) Fluorene	15.62	166	1120242	52.66	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.20	232	332267	61.32	nq	# 100
59) Diethylphthalate	15.39	149	1081028	50.43	nq	97
60) 4-Chlorophenyl-phenylether	15.61	204	623141	52.18	nq	99
61) 4-Nitroaniline	15.69	138	179448	44.18	nq	# 10
62) Azobenzene	15.90	77	1084241	68.79	nq	88
64) 4,6-Dinitro-2-methylphenol	15.70	198	216100	54.70	nq	82
65) n-Nitrosodiphenylamine	15.83	169	965363	49.81	nq	99
66) 4-Bromophenyl-phenylether	16.50	248	421551	50.93	nq	94
67) Hexachlorobenzene	16.60	284	462807	46.02	nq	94
68) Atrazine	16.78	200	390107	53.09	nq	97
69) Pentachlorophenol	16.96	266	591137	107.02	nq	98
70) Phenanthrene	17.36	178	1827336	50.51	nq	100
71) Anthracene	17.45	178	1891960	52.70	nq	99
72) Carbazole	17.74	167	1613441	50.76	nq	99
73) Di-n-butylphthalate	18.26	149	1889723	50.14	nq	# 97
74) Fluoranthene	19.37	202	2411152	51.33	nq	97
76) Benzidine	19.58	184	295123	16.51	nq	97
77) Pyrene	19.73	202	2486298	47.86	nq	100
79) Butylbenzylphthalate	20.60	149	910436	47.35	nq	# 85
80) Benzo(a)anthracene	21.46	228	2734536	51.21	nq	100
81) 3,3'-Dichlorobenzidine	21.41	252	890207	41.44	nq	# 97
82) Chrysene	21.52	228	2432993	48.04	nq	99
83) Bis(2-ethylhexyl)phthalate	21.34	149	1349457	46.93	nq	# 99
84) Di-n-octyl phthalate	22.25	149	2410080	46.81	nq	# 99
85) Indeno(1,2,3-cd)pyrene	26.24	276	3877098	52.20	nq	# 100
87) Benzo(b)fluoranthene	23.12	252	3107638	52.70	nq	# 92
88) Benzo(k)fluoranthene	23.16	252	2947549	51.02	nq	# 95
89) Benzo(a)pyrene	23.73	252	2953048	52.56	nq	# 97
90) Dibenzo(a,h)anthracene	26.26	278	3218350	51.22	nq	# 91
91) Benzo(g,h,i)perylene	27.00	276	3135220	50.93	nq	# 86

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

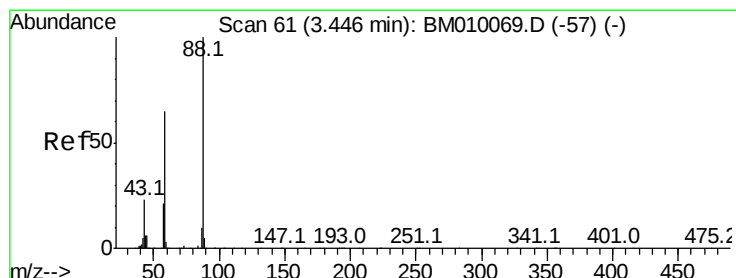
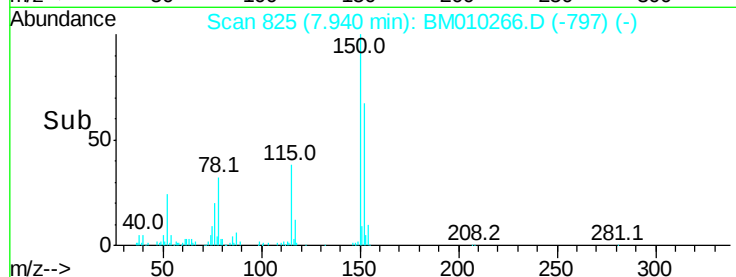
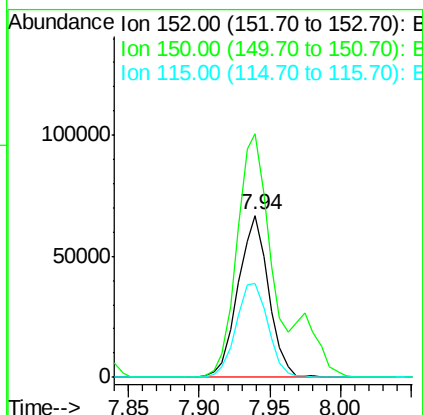
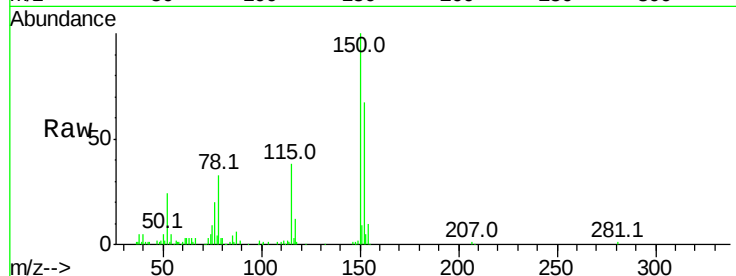


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

Instrument :
BNA_M
ClientSampleId :

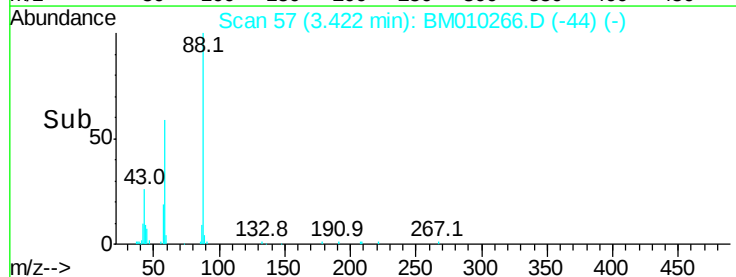
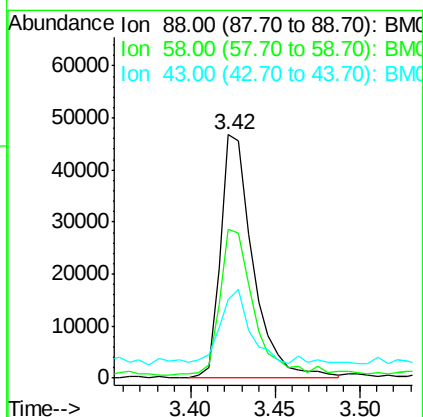
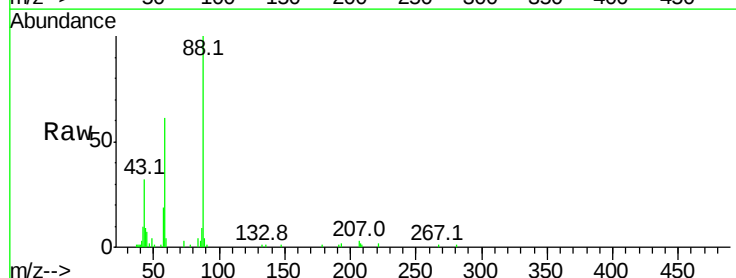
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	119.5	179.3
115	57.7	43.0	64.4

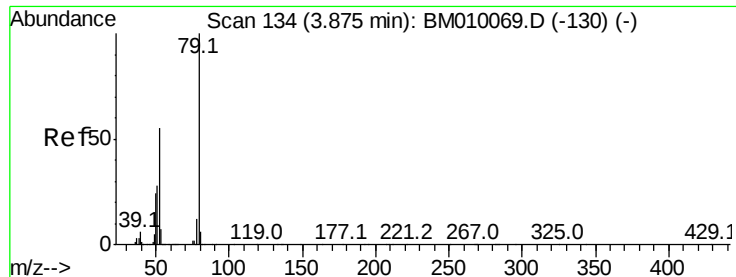


#2

1,4-Dioxane
Concen: 24.41 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.02 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.3	0.0	0.0#
43	28.2	0.0	0.0#





#3

Pvridine

Concen: 13.52 ng

RT: 3.88 min Scan# 135

Delta R.T. 0.01 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampleId :

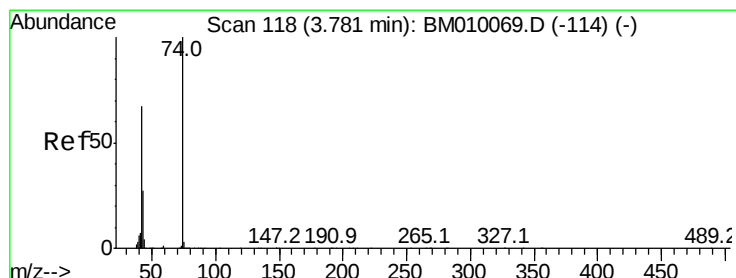
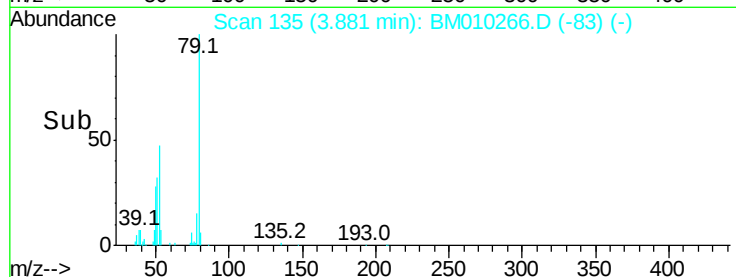
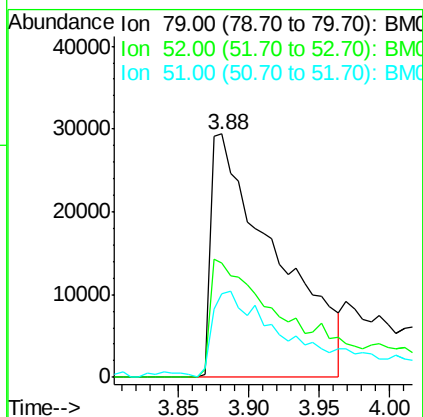
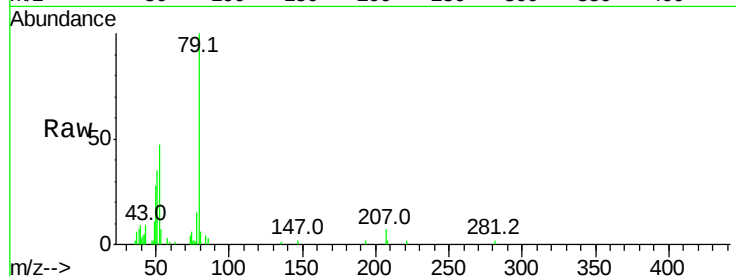
Tot Ion: 79 Resp: 93388

Ion Ratio Lower Upper

79 100

52 47.0 51.1 76.7#

51 34.5 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 33.46 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.02 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

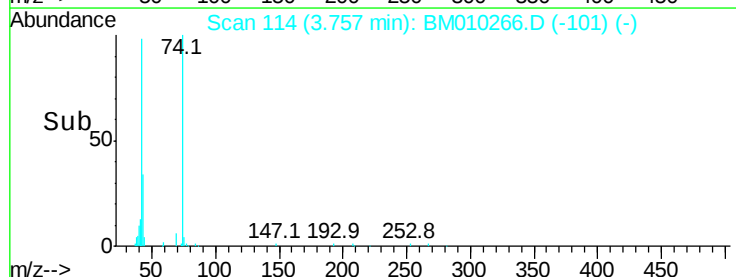
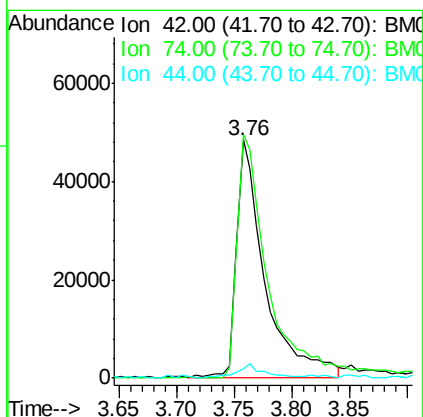
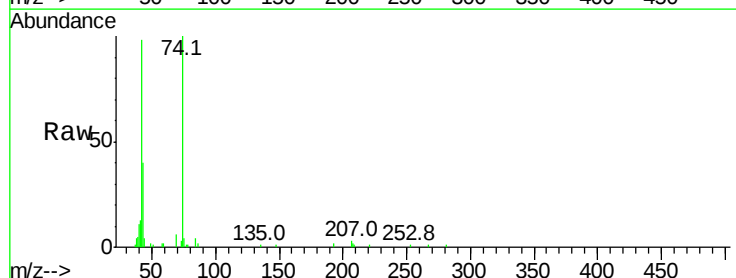
Tgt Ion: 42 Resp: 83597

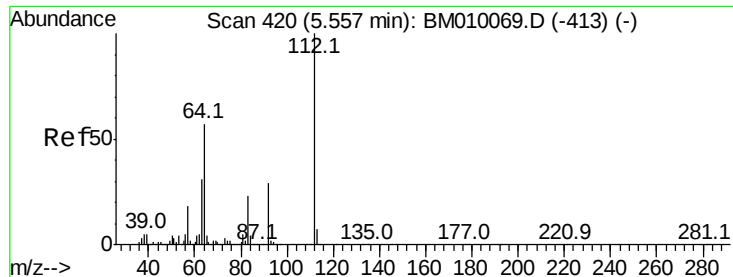
Ion Ratio Lower Upper

42 100

74 102.2 119.3 178.9#

44 4.1 5.4 8.2#





#5

2-Fluorophenol

Concen: 84.29 ng

RT: 5.52 min Scan# 414

Delta R.T. -0.03 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampled :

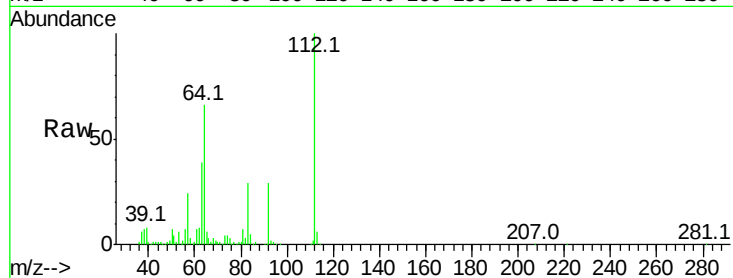
Tot Ion:112 Resp: 473360

Ion Ratio Lower Upper

112 100

64 65.5 38.6 57.8#

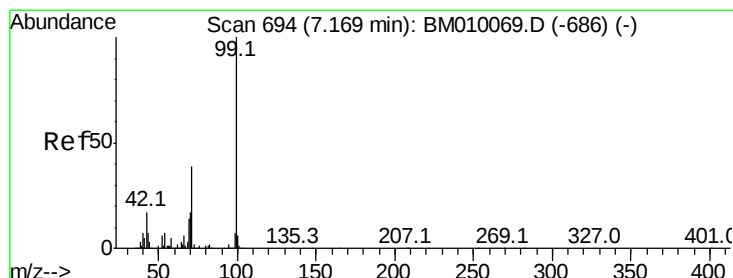
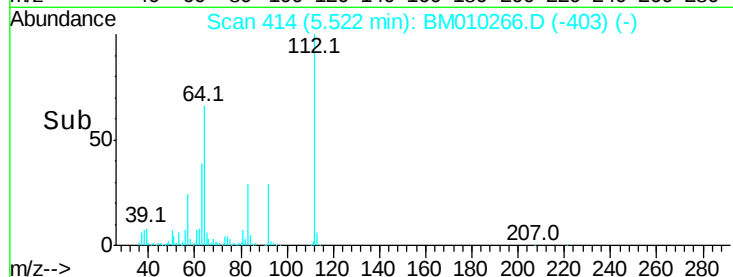
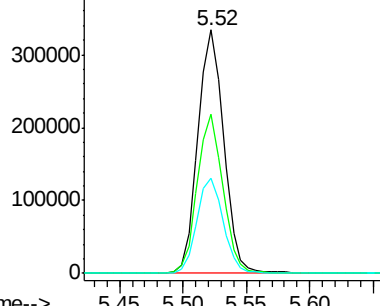
63 38.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#7

Phenol-d6

Concen: 51.31 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

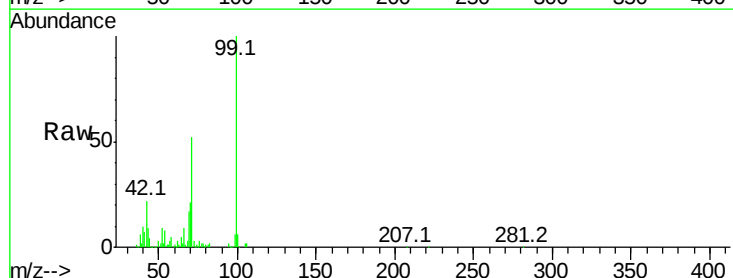
Tgt Ion: 99 Resp: 370740

Ion Ratio Lower Upper

99 100

42 22.5 11.0 16.4#

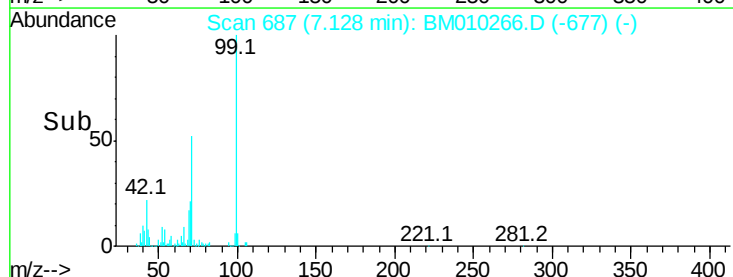
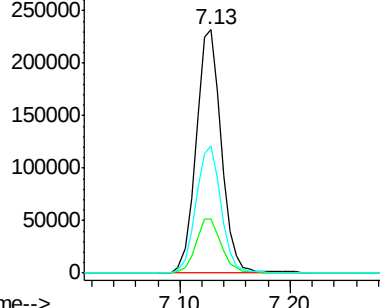
71 52.4 23.4 35.2#

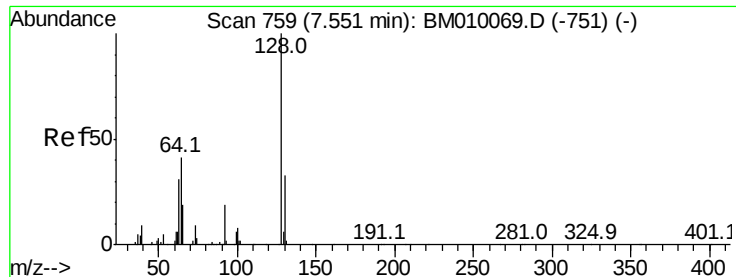


Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0





#8

2-Chlorophenol

Concen: 41.43 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampled :

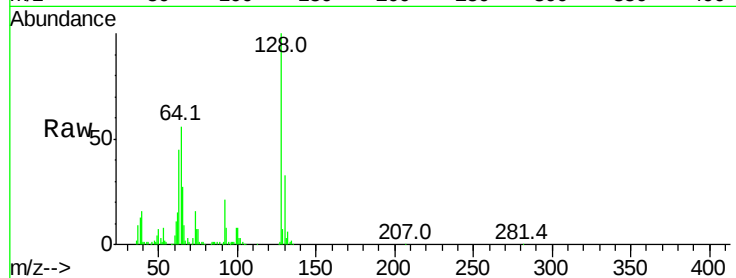
Tot Ion:128 Resp: 253125

Ion Ratio Lower Upper

128 100

130 33.5 12.0 52.0

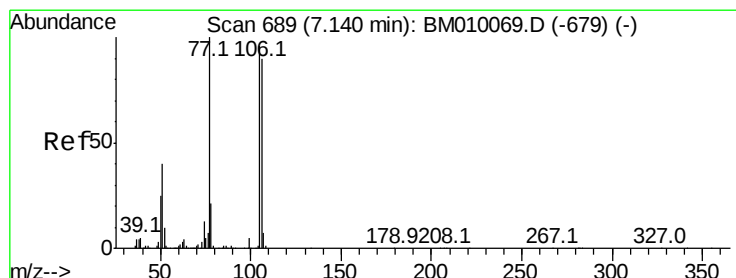
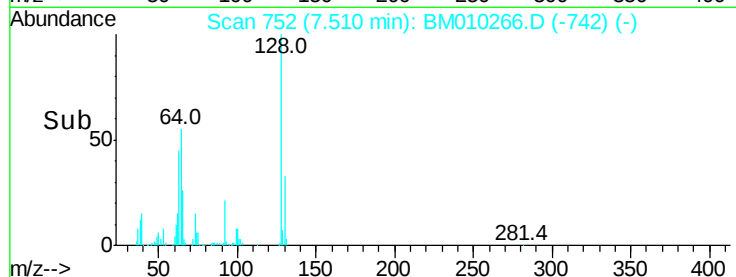
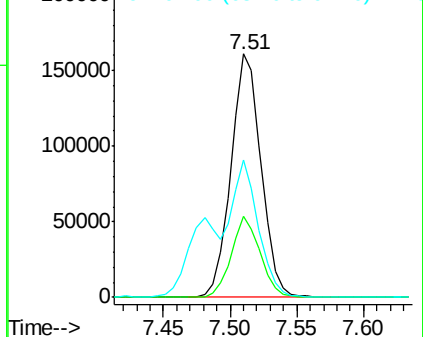
64 56.3 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: 18.14 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

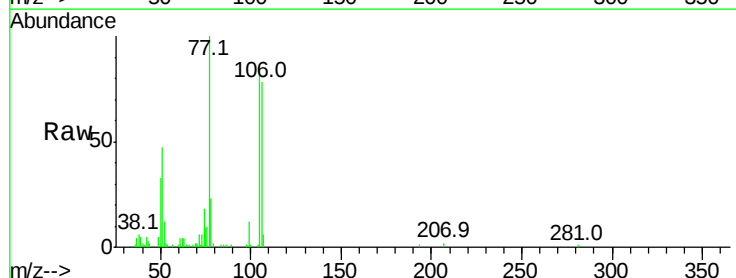
Tgt Ion: 77 Resp: 81613

Ion Ratio Lower Upper

77 100

105 86.4 78.8 118.8

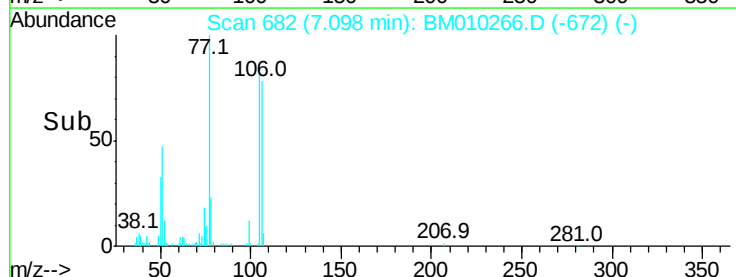
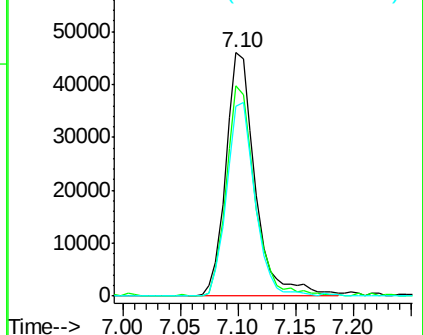
106 77.7 73.7 113.7

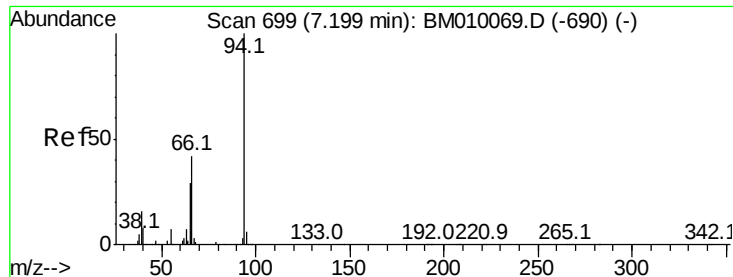


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 18.32 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.05 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampled :

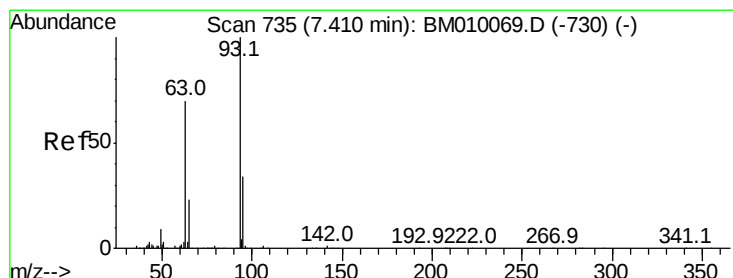
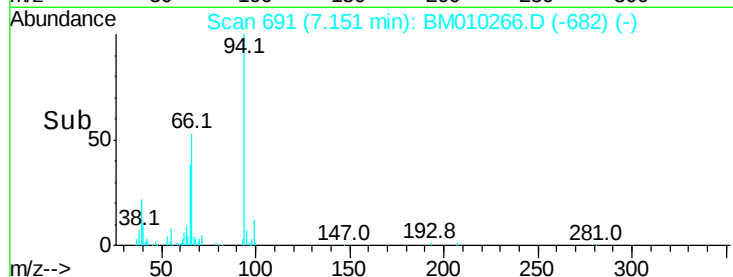
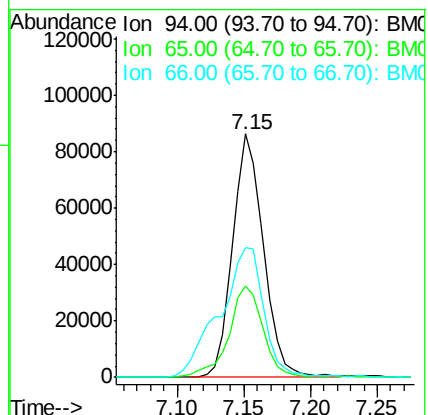
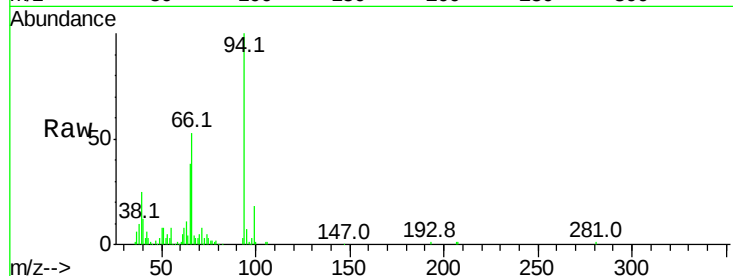
Tot Ion: 94 Resp: 139497

Ion Ratio Lower Upper

94 100

65 37.6 18.8 58.8

66 53.4 39.9 79.9



#11

bis(2-Chloroethyl)ether

Concen: 74.34 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

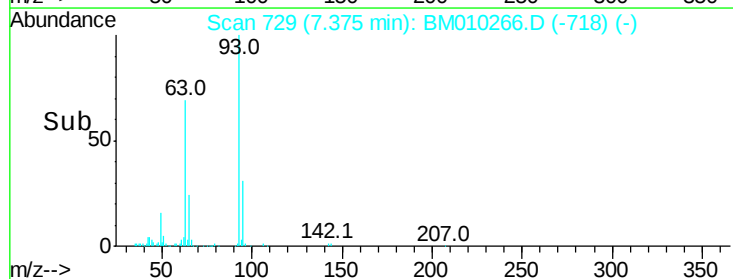
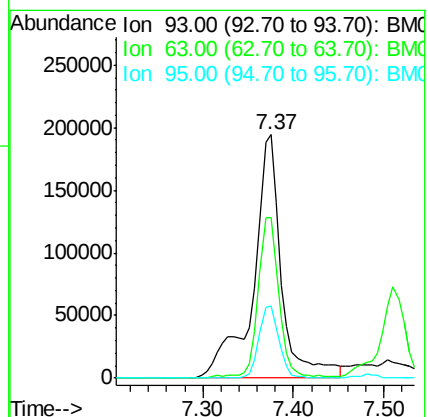
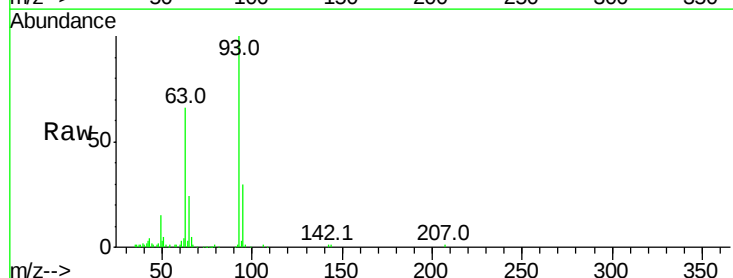
Tgt Ion: 93 Resp: 421994

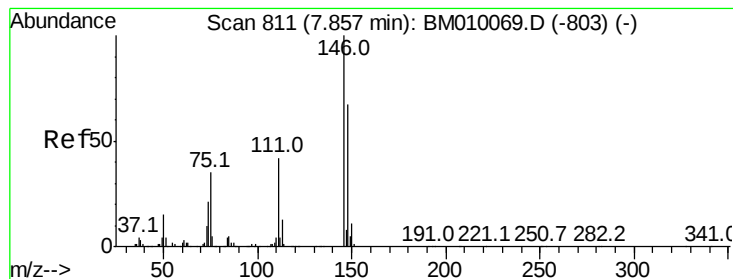
Ion Ratio Lower Upper

93 100

63 65.9 49.5 89.5

95 29.5 13.5 53.5





#12

1,3-Dichlorobenzene

Concen: 44.97 ng

RT: 7.82 min Scan# 805

Delta R.T. -0.04 min

Lab File: BM010266.D

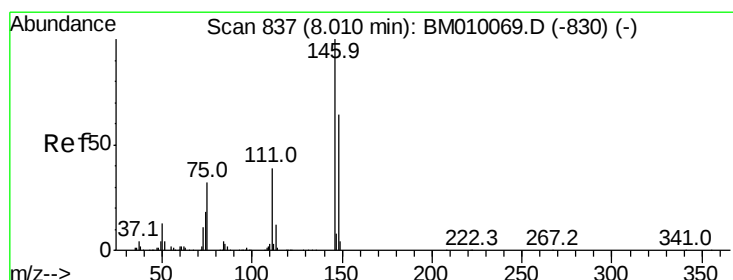
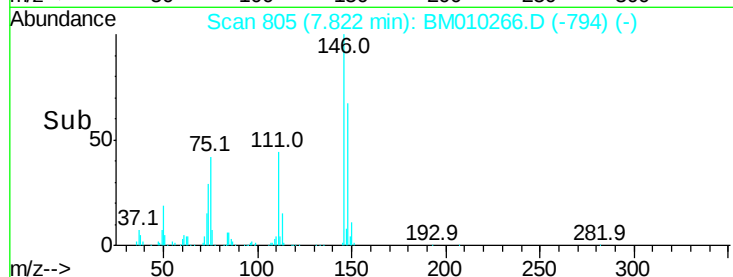
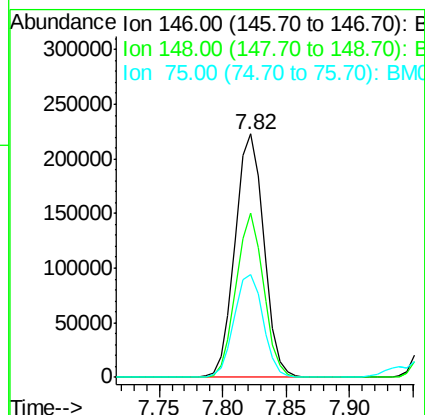
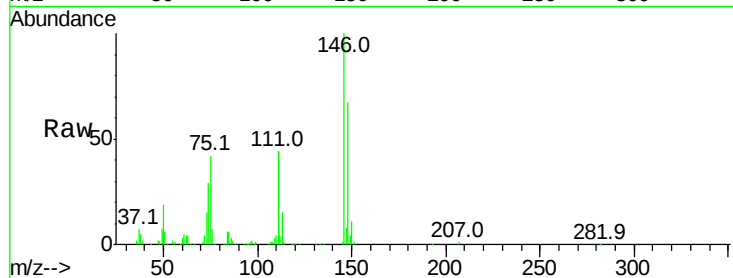
Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampled :

Tot Ion:	146	Resp:	349197
Ion Ratio	Lower	Upper	
146	100		
148	67.3	50.9	76.3
75	42.1	21.4	32.2#



#13

1,4-Dichlorobenzene

Concen: 44.60 ng

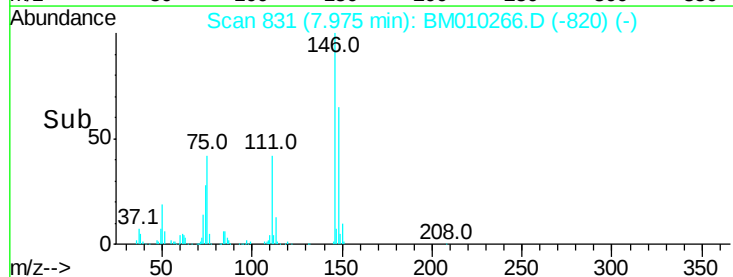
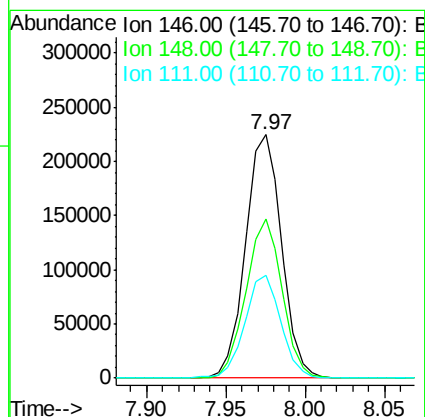
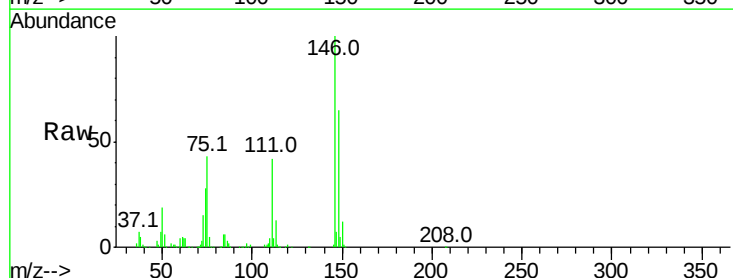
RT: 7.97 min Scan# 831

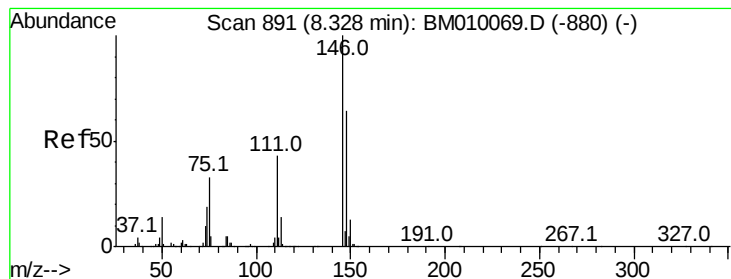
Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Tgt Ion:	146	Resp:	355755
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.9	77.9
111	42.0	29.2	43.8





#14

1,2-Dichlorobenzene

Concen: 45.03 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampled :

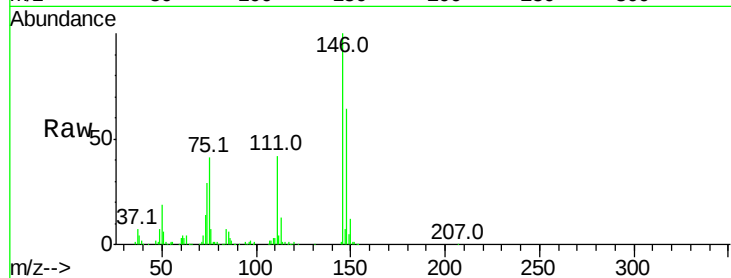
Tot Ion:146 Resp: 344773

Ion Ratio Lower Upper

146 100

148 63.9 52.3 78.5

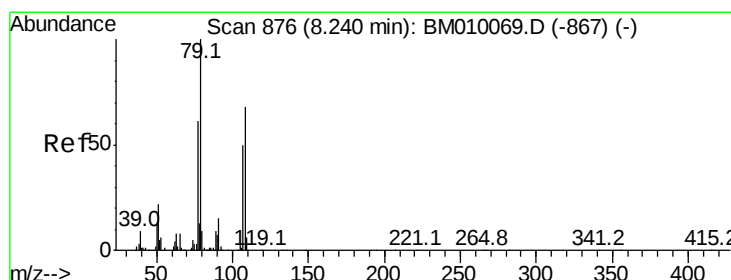
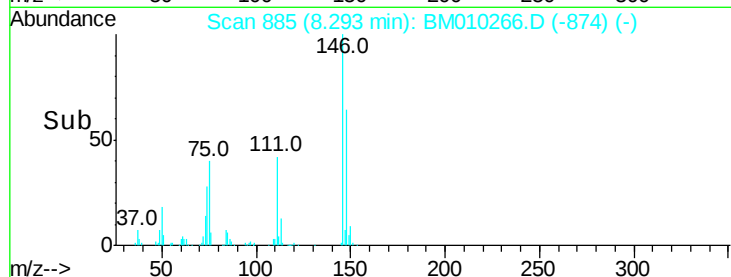
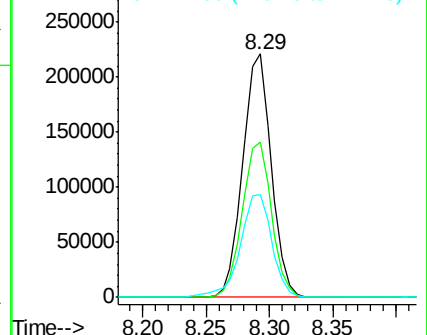
111 42.0 30.6 45.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 32.22 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

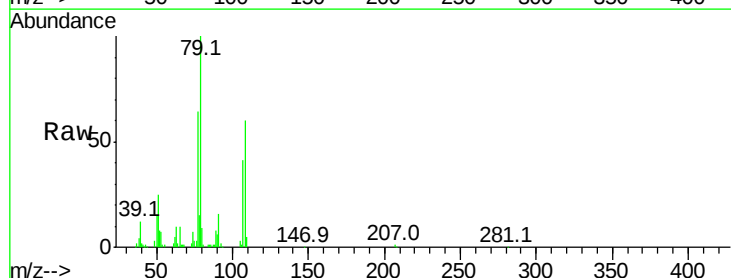
Tgt Ion: 79 Resp: 176152

Ion Ratio Lower Upper

79 100

108 60.2 65.0 97.4#

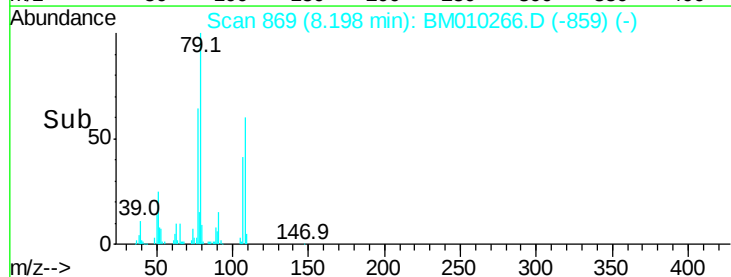
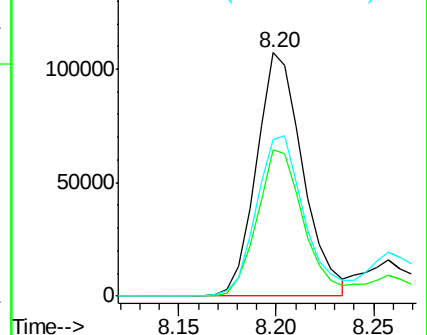
77 64.2 53.0 79.6

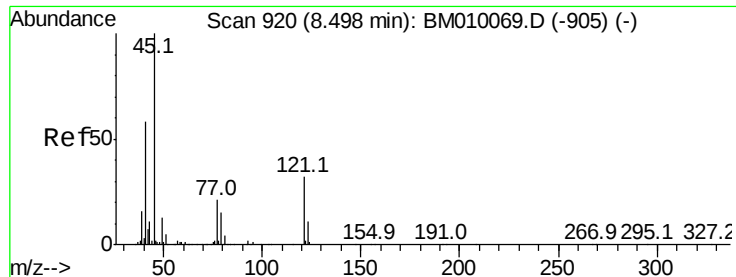


Abundance Ion 79.00 (78.70 to 79.70): BM0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

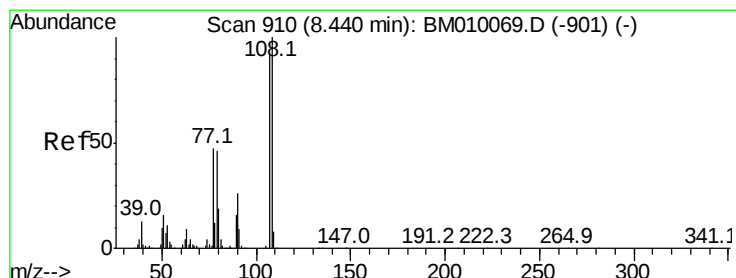
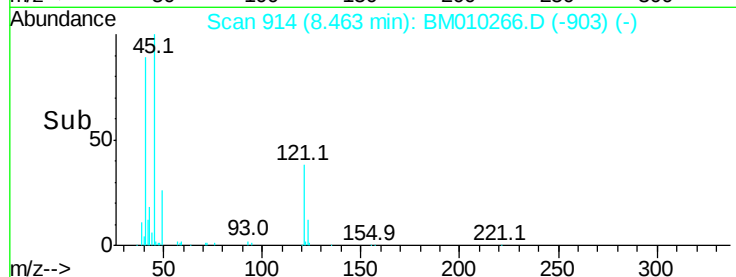
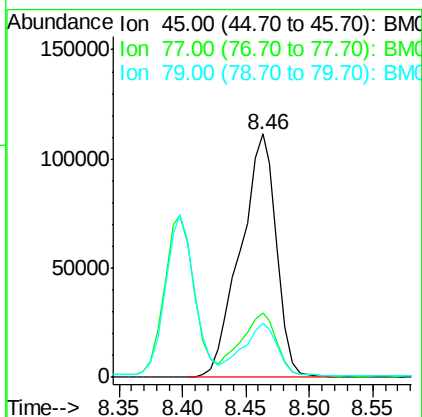
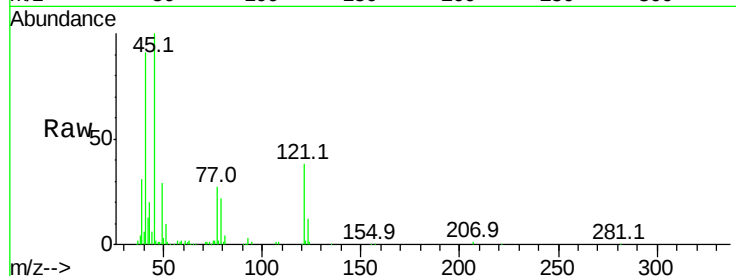




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 39.39 ng
RT: 8.46 min Scan# 914
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

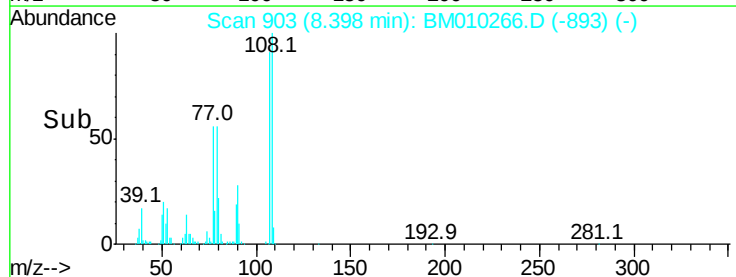
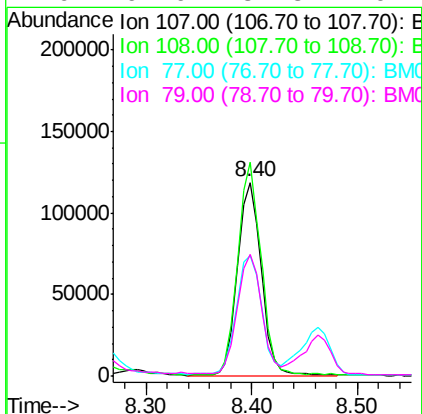
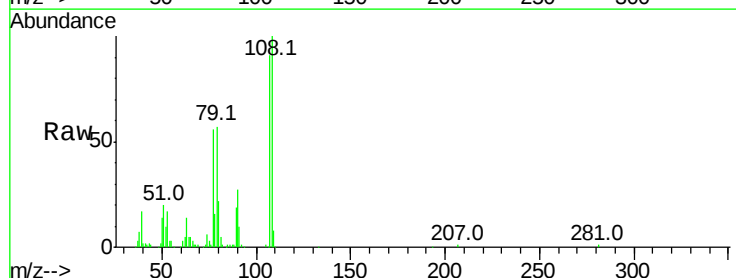
Instrument :
BNA_M
ClientSampleId :

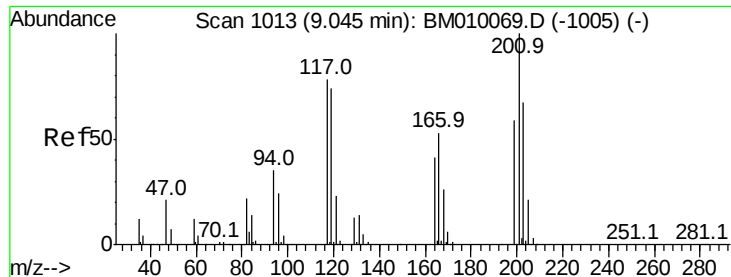
Tot Ion	Ratio	Lower	Upper
45	100		
77	26.5	0.0	35.2
79	22.3	0.0	32.0



#17
2-Methylphenol
Concen: 33.88 ng
RT: 8.40 min Scan# 903
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.1	89.8	134.8
77	62.0	32.6	48.8#
79	62.9	32.8	49.2#

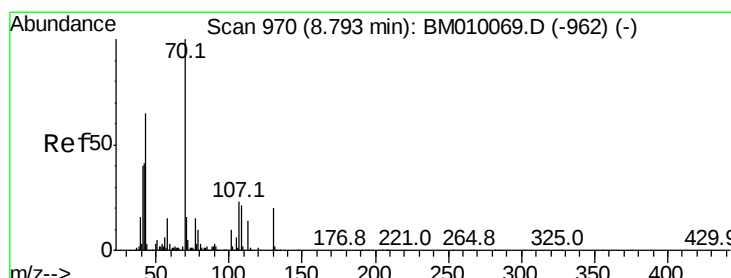
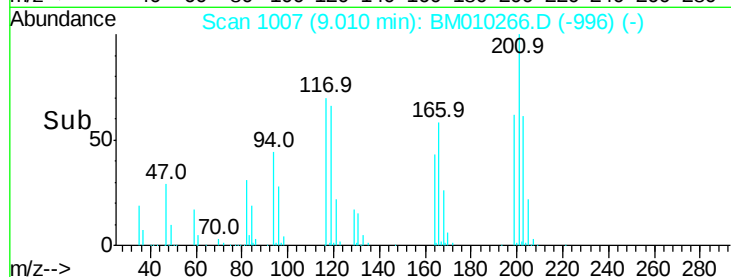
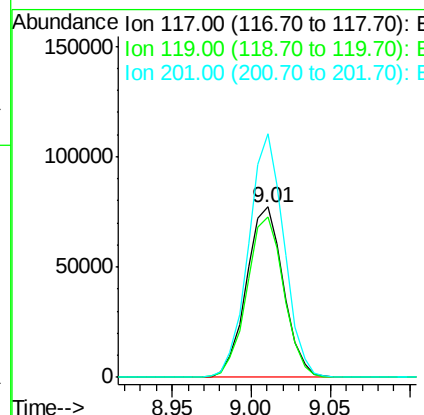
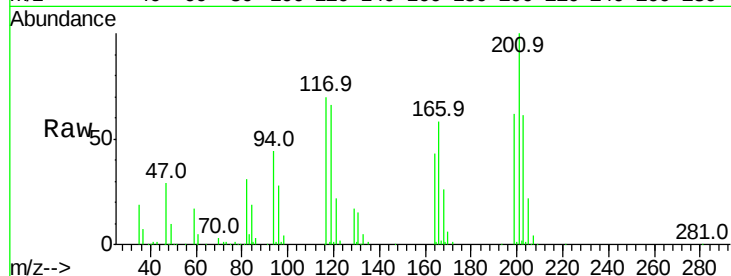




#18
Hexachloroethane
Concen: 48.43 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

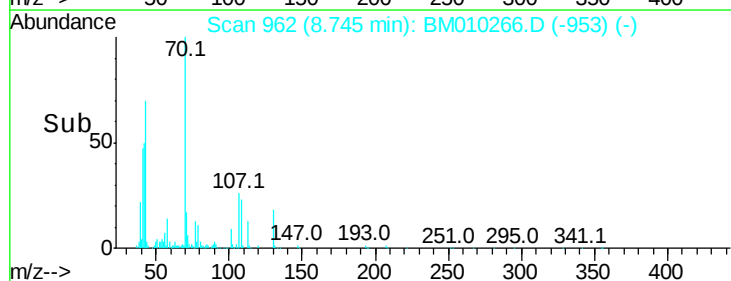
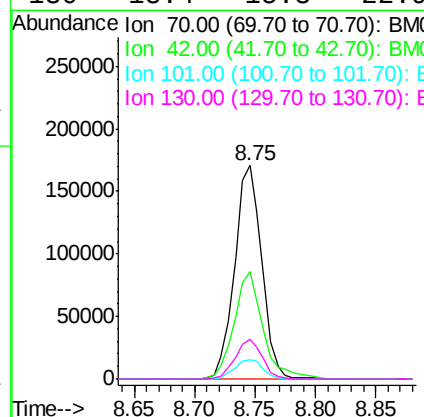
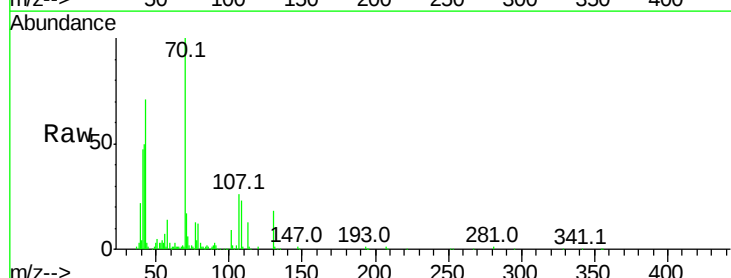
Instrument :
BNA_M
ClientSampled :

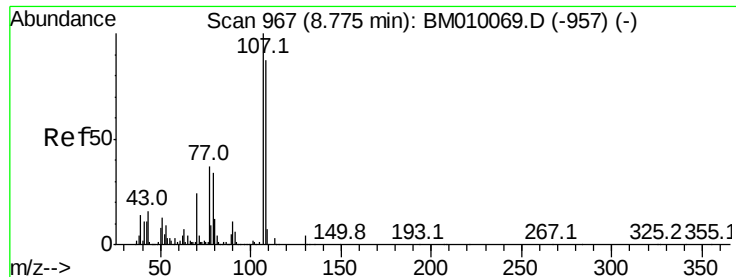
Tot Ion: 117 Resp: 125208
Ion Ratio Lower Upper
117 100
119 94.4 79.2 118.8
201 143.1 69.8 104.6#



#19
n-Nitroso-di-n-propylamine
Concen: 52.29 ng
RT: 8.75 min Scan# 962
Delta R.T. -0.05 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

Tgt Ion: 70 Resp: 266677
Ion Ratio Lower Upper
70 100
42 50.1 44.5 66.7
101 8.9 7.4 11.2
130 18.4 15.3 22.9





#20

3+4-Methylphenols

Concen: 31.89 ng

RT: 8.73 min Scan# 959

Delta R.T. -0.05 min

Lab File: BM010266.D

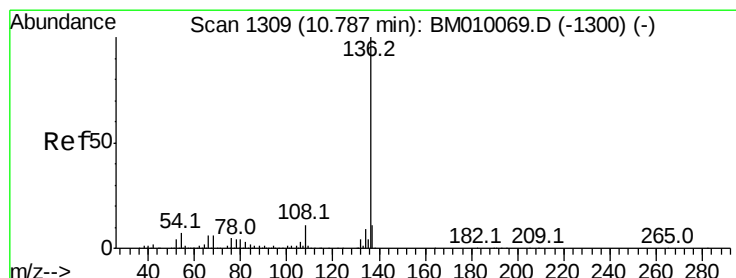
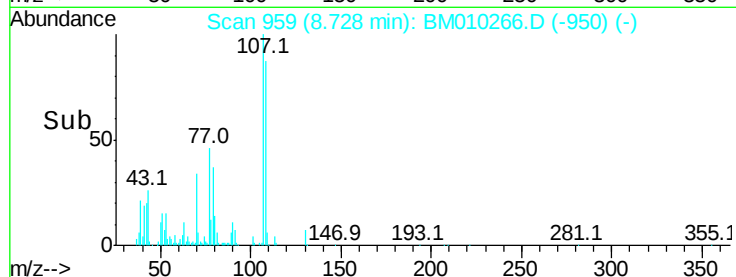
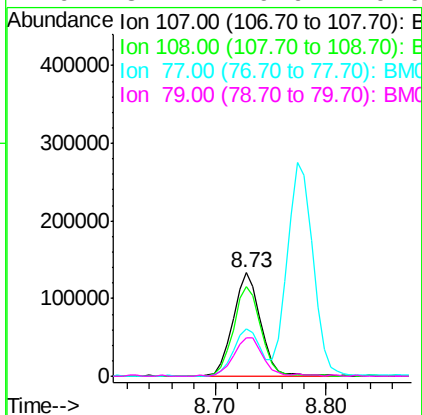
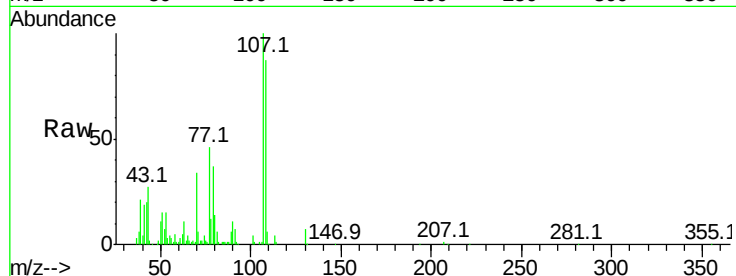
Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	107	Resp:	233337
Ion	Ratio	Lower	Upper
107	100		
108	87.3	73.2	113.2
77	46.3	10.7	50.7
79	37.2	9.6	49.6



#21

Naphthalene-d8

Concen: 20.00 ng

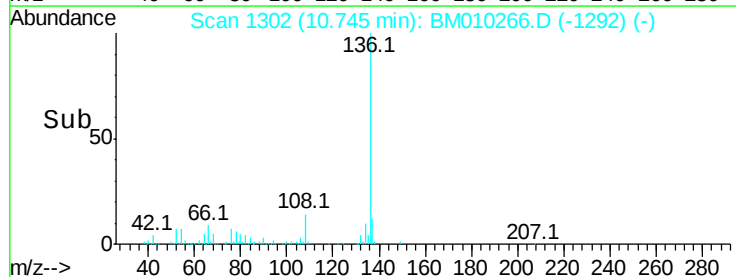
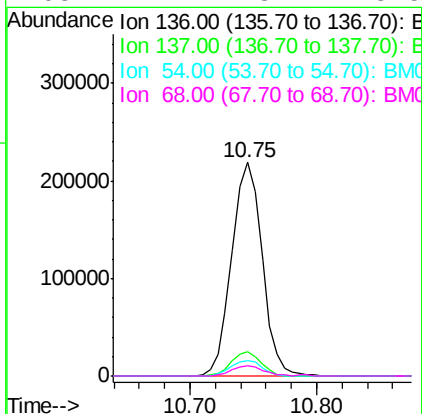
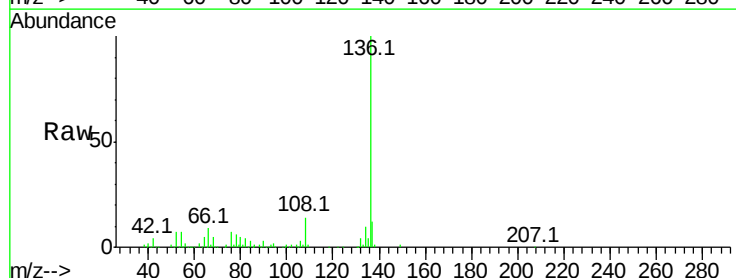
RT: 10.75 min Scan# 1302

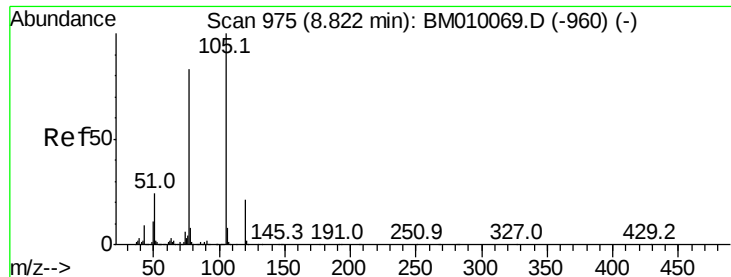
Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Tgt Ion:	136	Resp:	364761
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	7.4	4.6	6.8#
68	4.7	3.7	5.5





#22

Acetophenone

Concen: 51.28 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.05 min

Lab File: BM010266.D

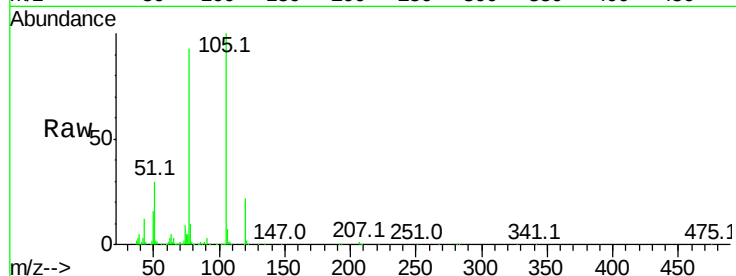
Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	105	Resp:	479457
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.6	1.0#
51	29.6	21.6	32.4
120	21.5	16.1	24.1

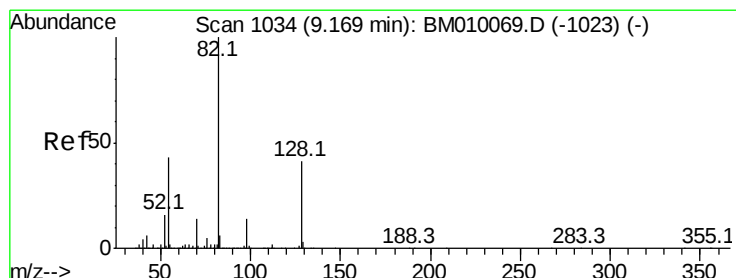
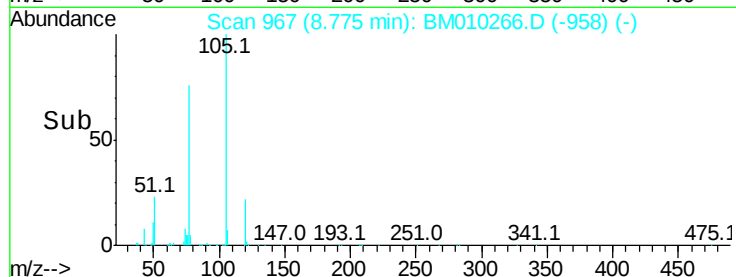
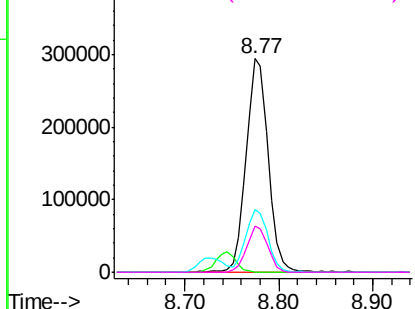


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 120.16 ng

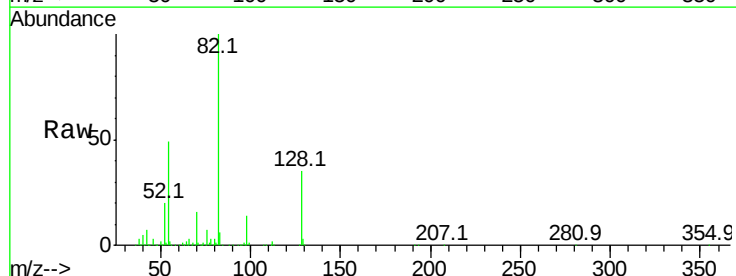
RT: 9.13 min Scan# 1027

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

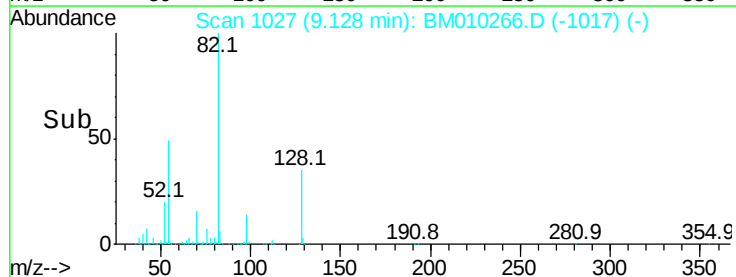
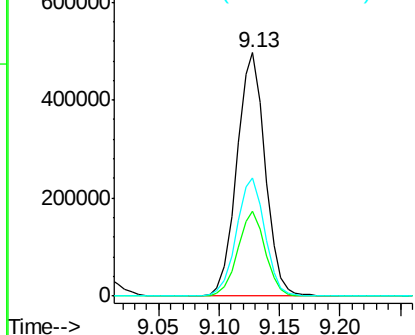
Tgt Ion:	82	Resp:	812364
Ion	Ratio	Lower	Upper
82	100		
128	34.8	32.8	49.2
54	48.6	40.6	60.8

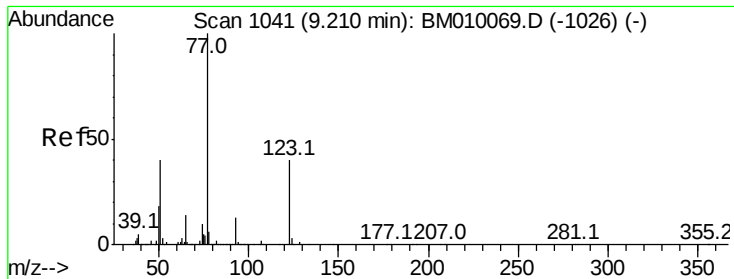


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0

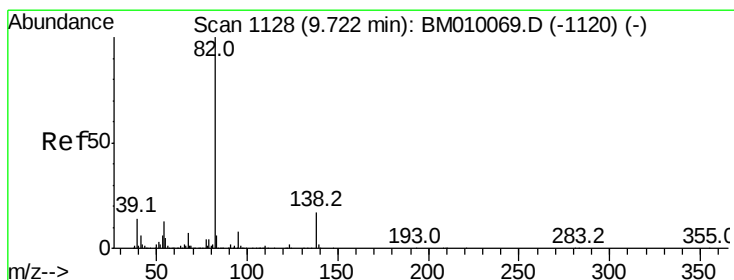
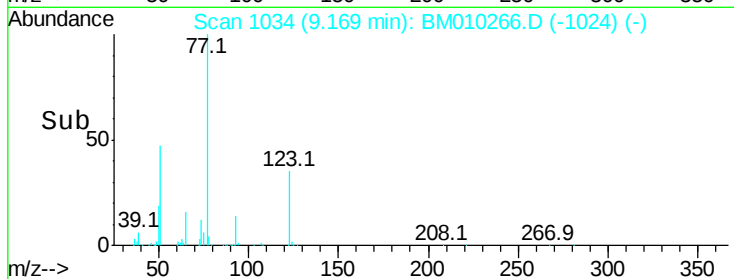
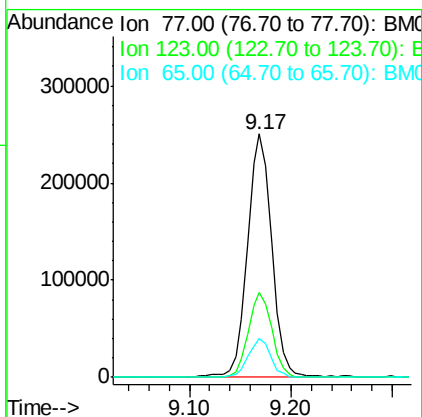
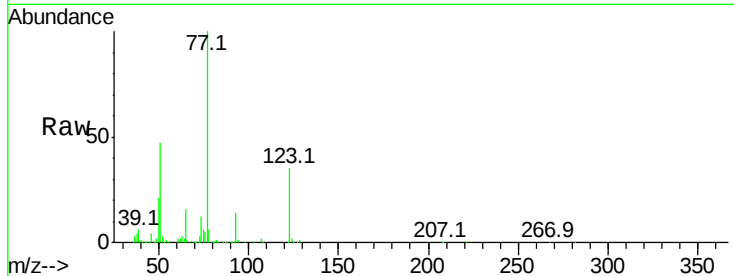




#24
 Nitrobenzene
 Concen: 58.96 ng
 RT: 9.17 min Scan# 1034
 Delta R.T. -0.04 min
 Lab File: BM010266.D
 Acq: 26 May 2017 20:35

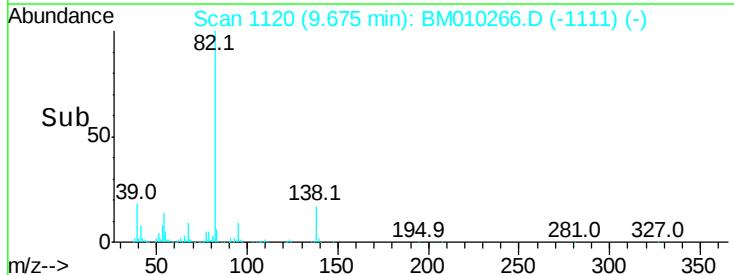
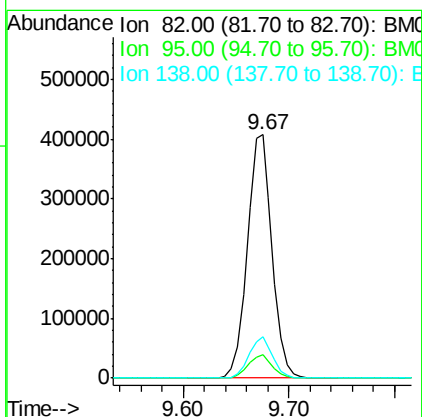
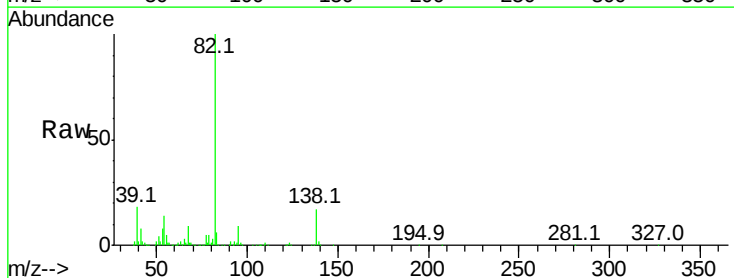
Instrument :
 BNA_M
 ClientSampleId :

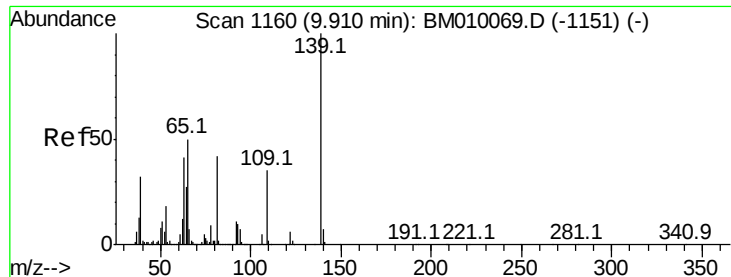
Tot Ion	Ratio	Lower	Upper
77	100		
123	34.9	32.6	49.0
65	15.9	10.9	16.3



#25
 Isophorone
 Concen: 56.46 ng
 RT: 9.67 min Scan# 1120
 Delta R.T. -0.05 min
 Lab File: BM010266.D
 Acq: 26 May 2017 20:35

Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.4	5.8	8.6#
138	17.0	16.3	24.5

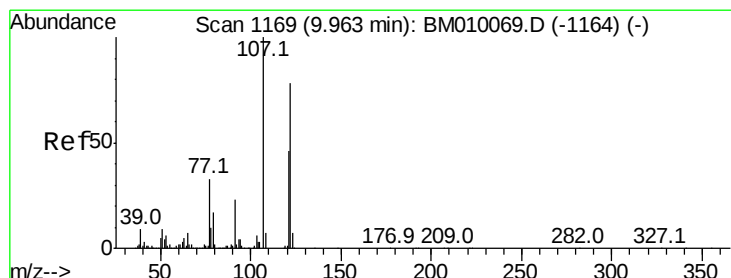
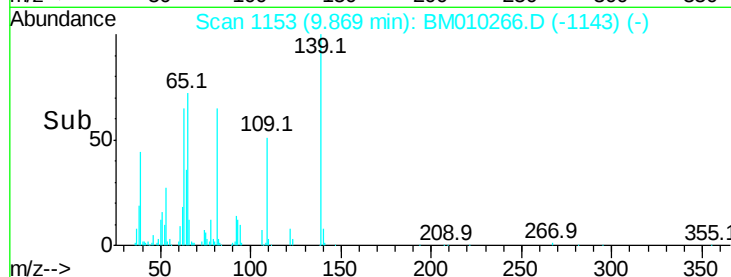
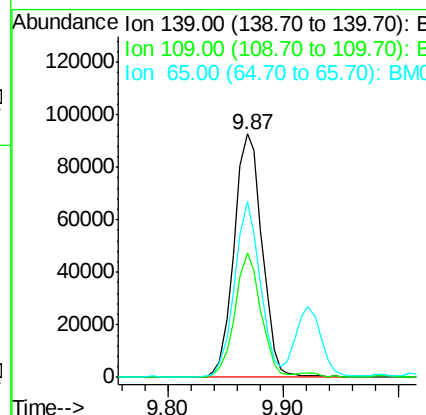
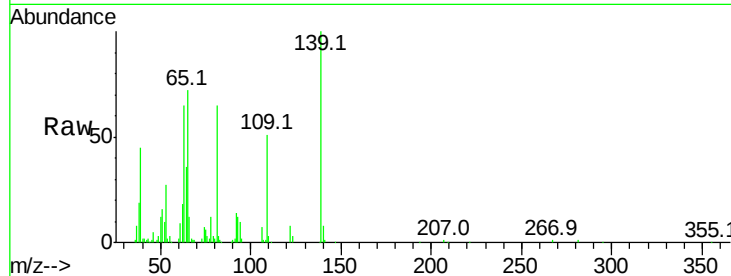




#26
2-Nitrophenol
Concen: 53.27 ng
RT: 9.87 min Scan# 1153
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

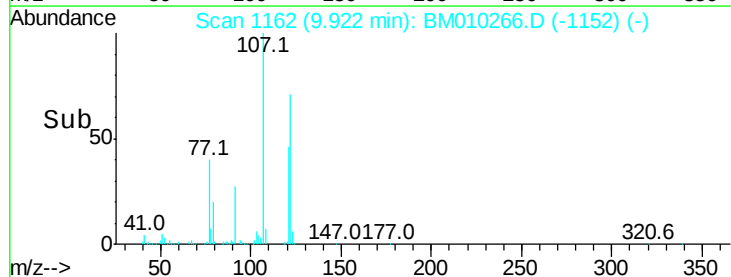
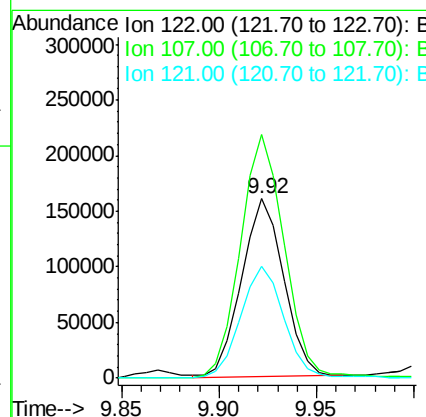
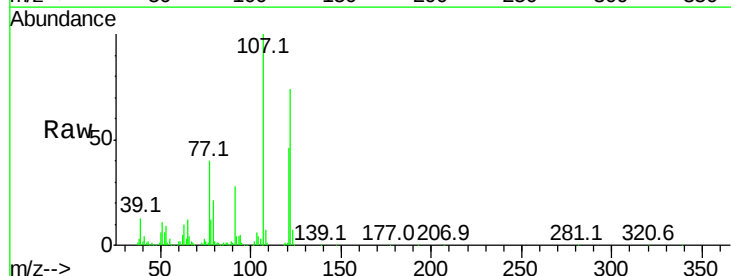
Instrument :
BNA_M
ClientSampleId :

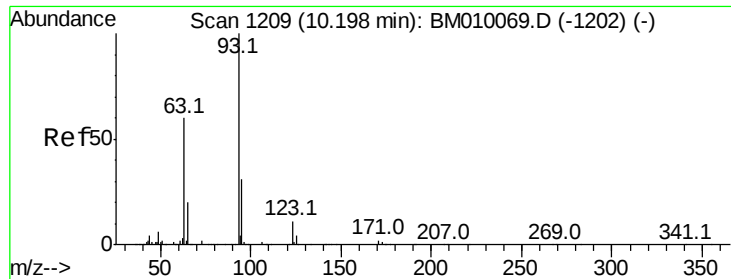
Tot Ion	Ratio	Lower	Upper
139	100		
109	51.1	20.1	30.1#
65	72.3	31.5	47.3#



#27
2,4-Dimethylphenol
Concen: 45.32 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

Tgt Ion	Ratio	Lower	Upper
122	100		
107	135.7	84.7	127.1#
121	62.4	46.6	69.8

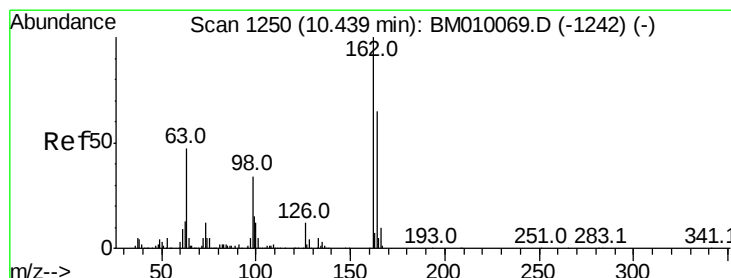
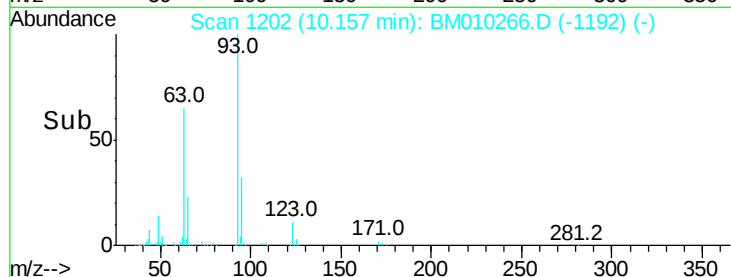
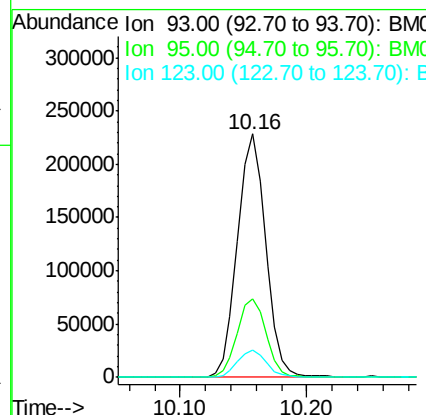
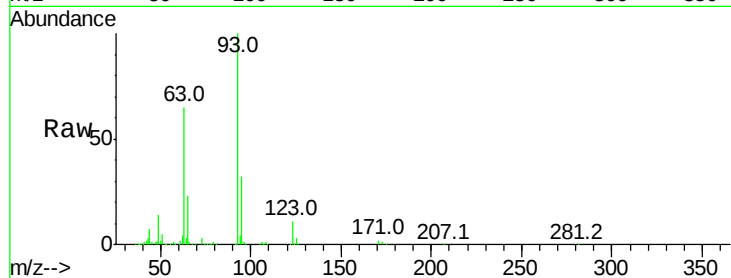




#28
bis(2-Chloroethoxy)methane
Concen: 47.84 ng
RT: 10.16 min Scan# 1202
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

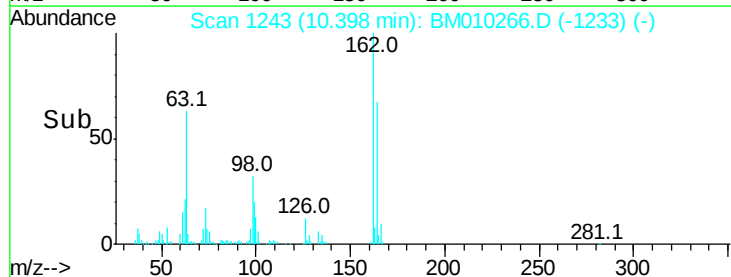
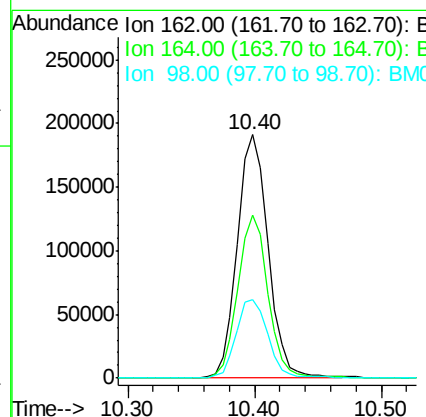
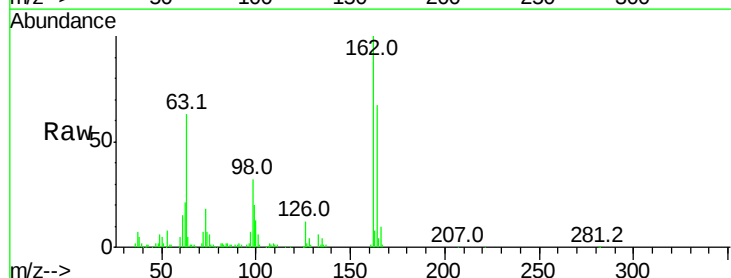
Instrument :
BNA_M
ClientSampleId :

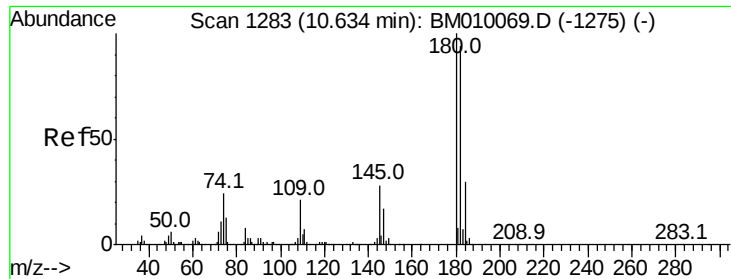
Tot Ion	93	Ratio	Lower	Upper
93	100			
95	32.2	25.5	38.3	
123	11.2	8.6	13.0	



#29
2,4-Dichlorophenol
Concen: 52.85 ng
RT: 10.40 min Scan# 1243
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

Tgt Ion	162	Ratio	Lower	Upper
162	100			
164	66.9	42.8	82.8	
98	32.1	14.5	54.5	

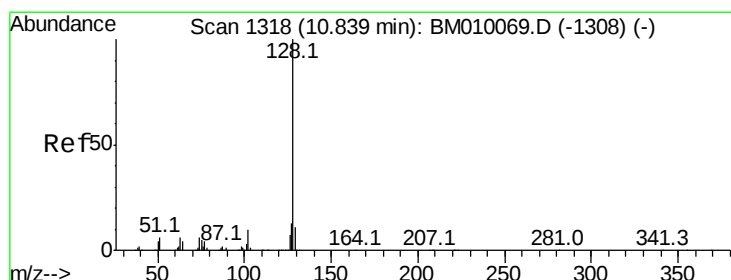
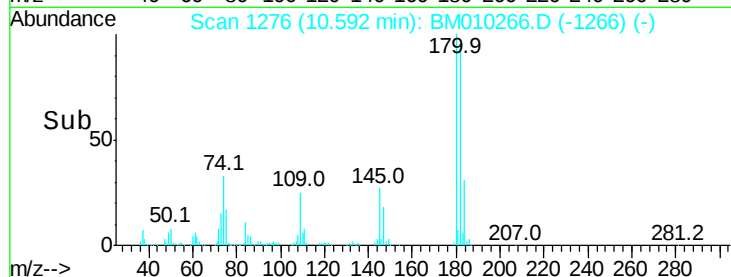
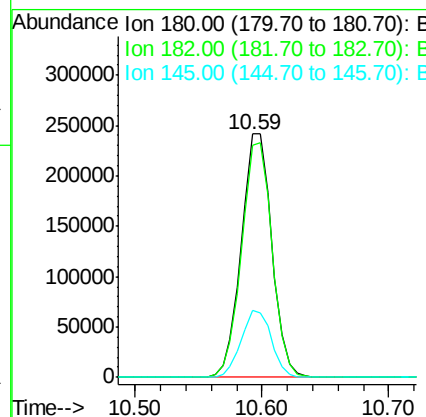
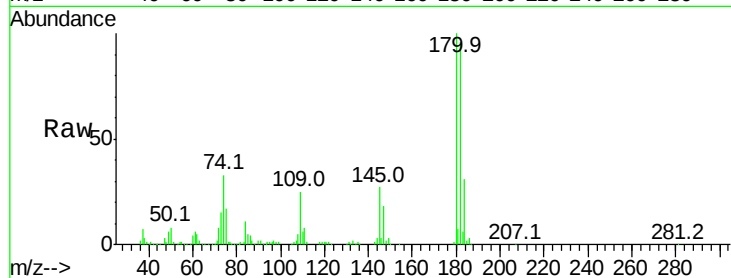




#30
 1,2,4-Trichlorobenzene
 Concen: 51.02 ng
 RT: 10.59 min Scan# 1276
 Delta R.T. -0.04 min
 Lab File: BM010266.D
 Acq: 26 May 2017 20:35

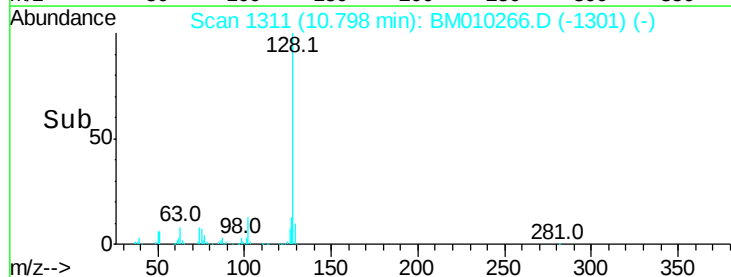
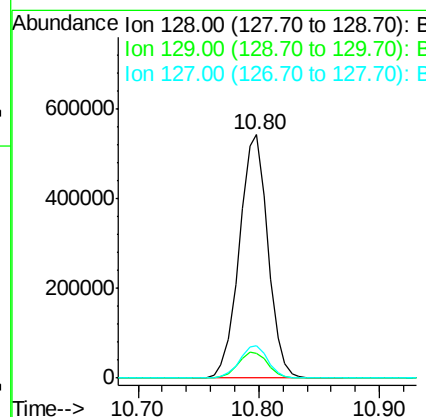
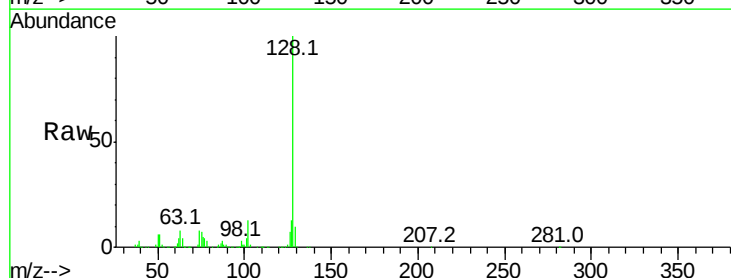
Instrument :
 BNA_M
 ClientSampleId :

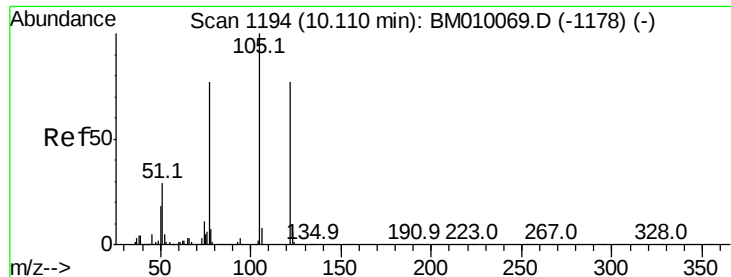
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.6	116.4
145	27.3	23.4	35.2



#31
 Naphthalene
 Concen: 45.89 ng
 RT: 10.80 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BM010266.D
 Acq: 26 May 2017 20:35

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.9	13.3
127	13.5	10.4	15.6





#32

Benzoic acid

Concen: 20.65 ng

RT: 10.03 min Scan# 1180

Delta R.T. -0.08 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampleId :

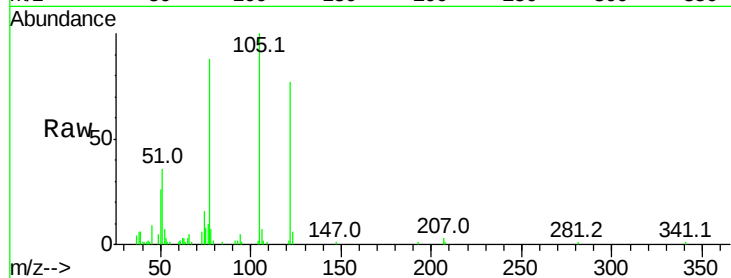
Tot Ion:122 Resp: 74614

Ion Ratio Lower Upper

122 100

105 129.9 99.9 139.9

77 114.8 73.7 113.7#

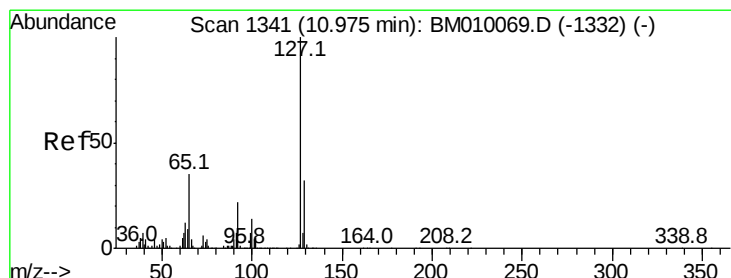
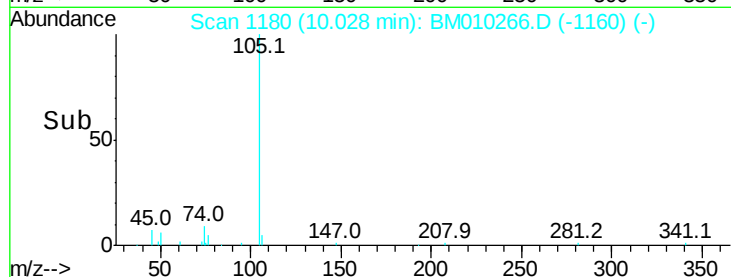
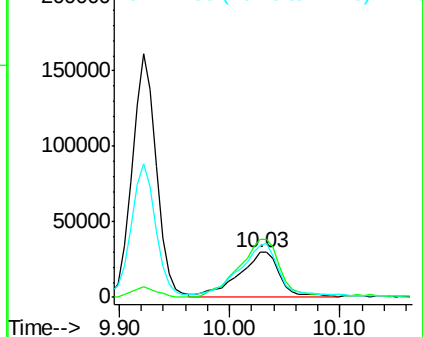


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



#33

4-Chloroaniline

Concen: 18.03 ng

RT: 11.00 min Scan# 1345

Delta R.T. 0.02 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Tgt Ion:127 Resp: 135573

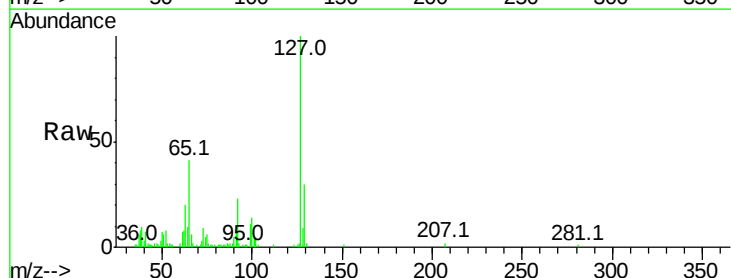
Ion Ratio Lower Upper

127 100

129 30.4 25.3 37.9

65 41.4 17.6 26.4#

92 23.1 13.1 19.7#



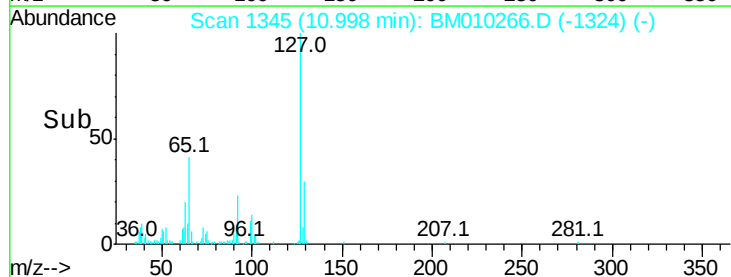
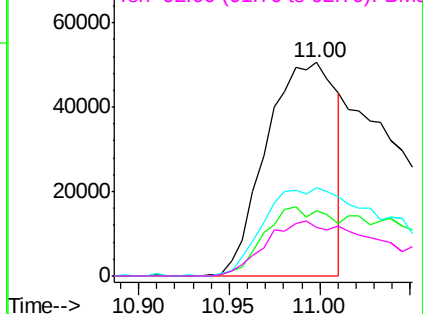
Abundance

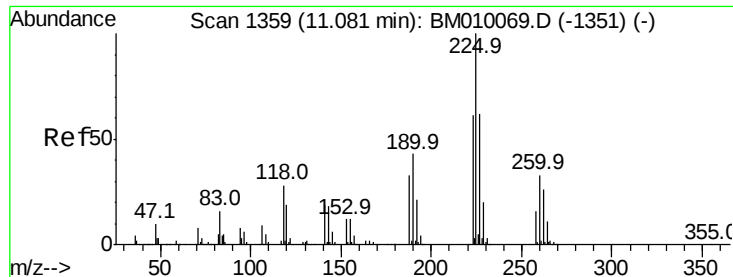
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM

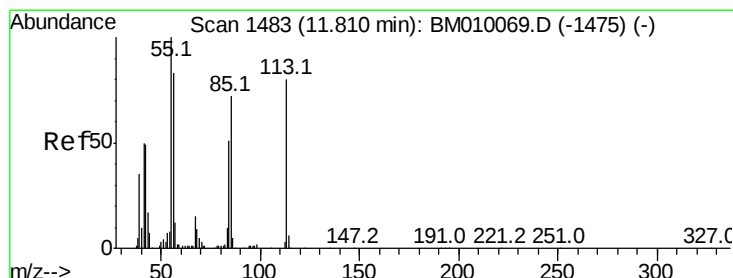
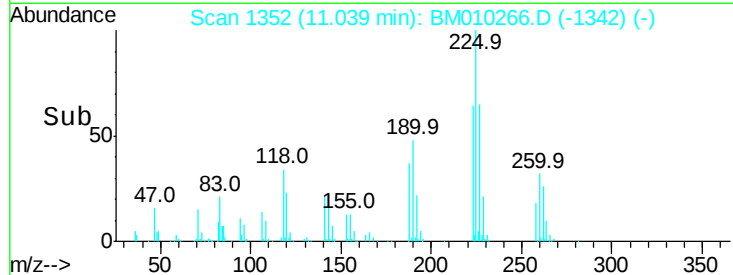
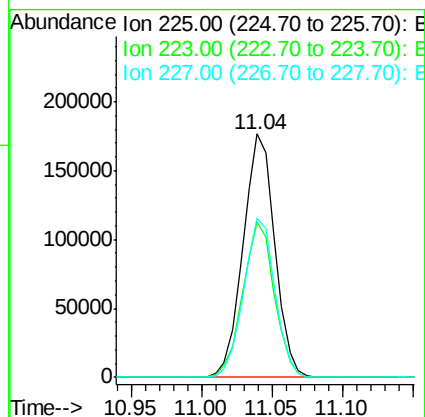
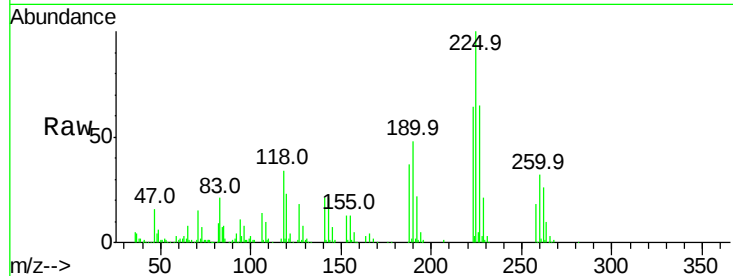




#34
Hexachlorobutadiene
Concen: 52.71 ng
RT: 11.04 min Scan# 1352
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

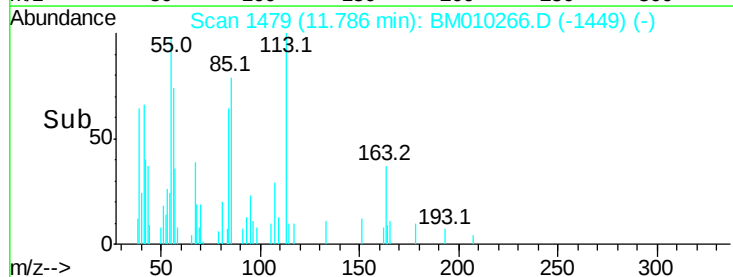
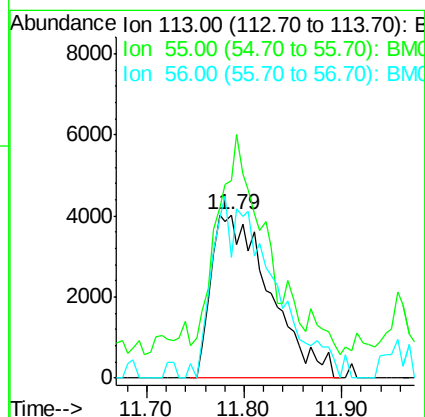
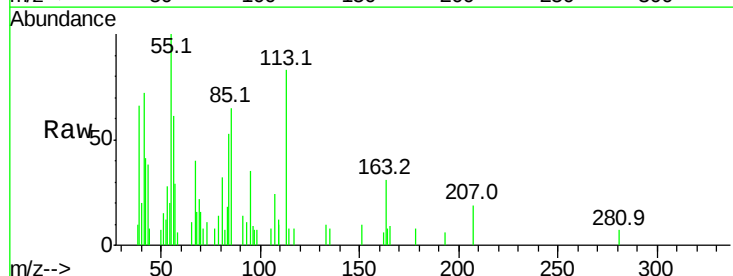
Instrument :
BNA_M
ClientSampleId :

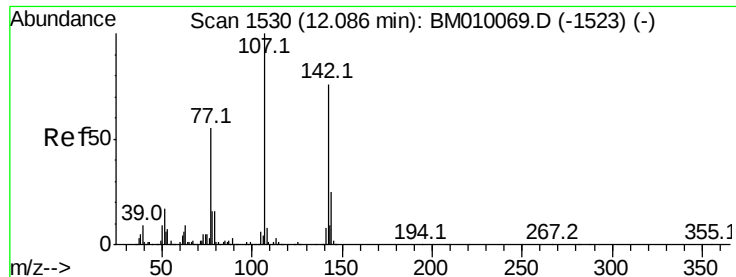
Tot Ion:225 Resp: 277670
Ion Ratio Lower Upper
225 100
223 63.8 47.9 71.9
227 65.3 50.1 75.1



#35
Caprolactam
Concen: 9.58 ng
RT: 11.79 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

Tgt Ion:113 Resp: 16781
Ion Ratio Lower Upper
113 100
55 120.9 145.9 185.9#
56 74.3 101.0 141.0#

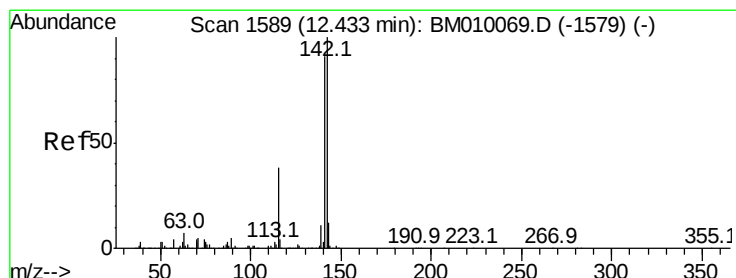
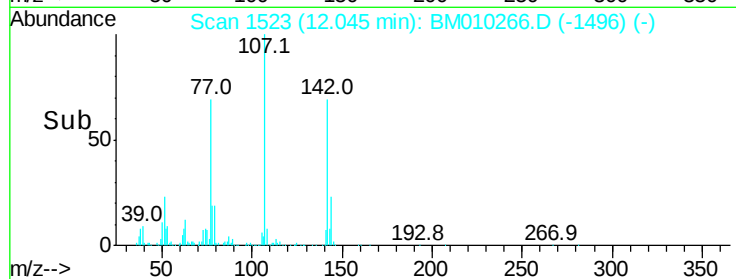
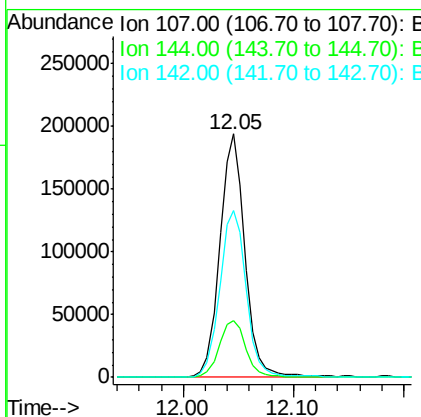
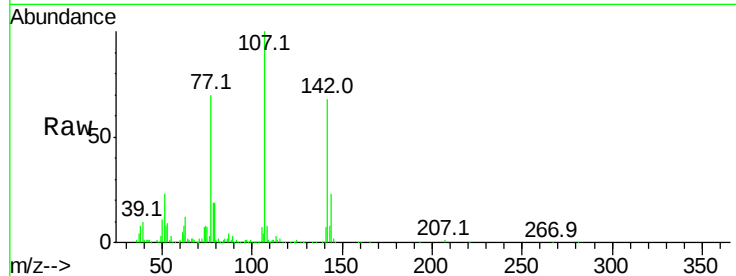




#36
 4-Chloro-3-methylphenol
 Concen: 46.66 ng
 RT: 12.05 min Scan# 1523
 Delta R.T. -0.04 min
 Lab File: BM010266.D
 Acq: 26 May 2017 20:35

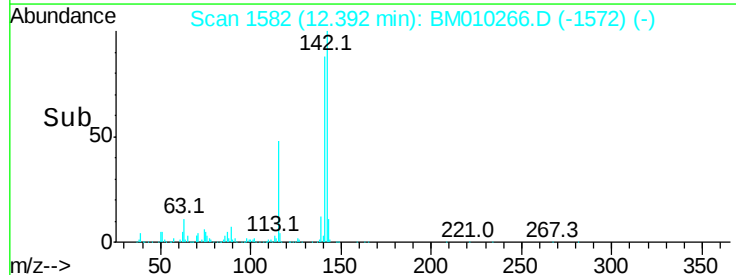
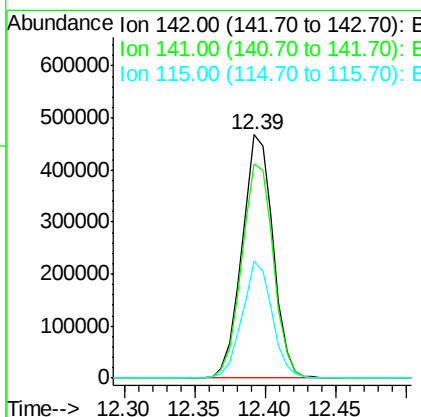
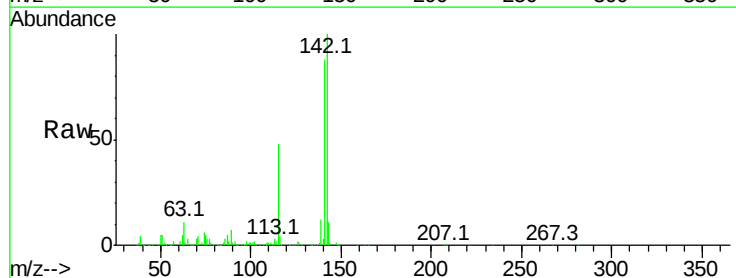
Instrument :
 BNA_M
 ClientSampleId :

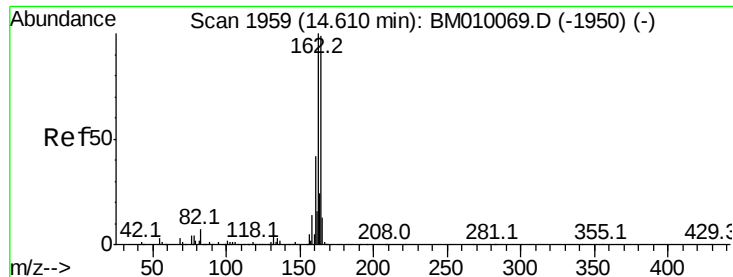
Tot Ion	Ratio	Lower	Upper
107	100		
144	23.4	23.3	34.9
142	68.5	72.6	109.0#



#37
 2-Methylnaphthalene
 Concen: 51.31 ng
 RT: 12.39 min Scan# 1582
 Delta R.T. -0.04 min
 Lab File: BM010266.D
 Acq: 26 May 2017 20:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.9	107.9
115	47.8	25.4	38.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

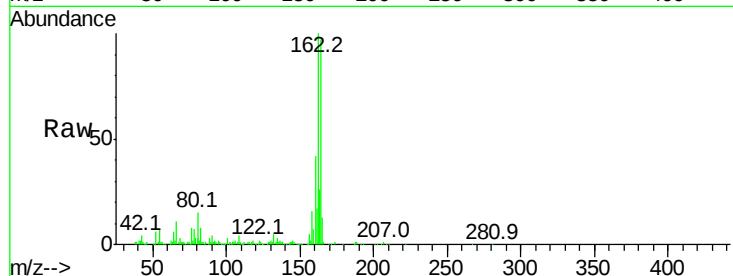
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 254169

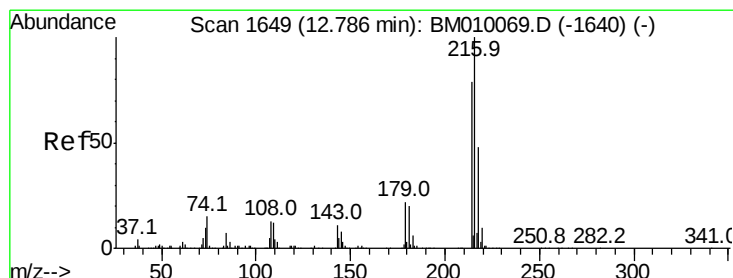
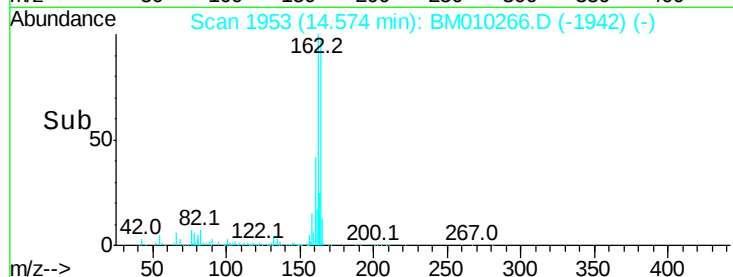
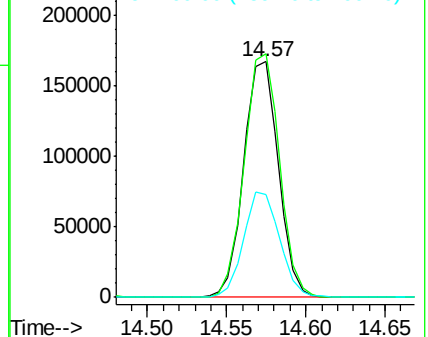
Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.4	123.6
160	43.8	35.8	53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.97 ng

RT: 12.75 min Scan# 1643

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Tgt Ion:216 Resp: 488412

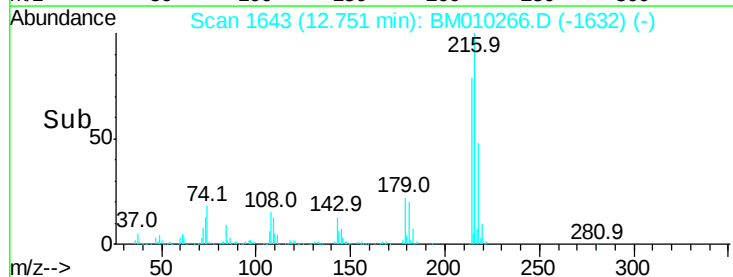
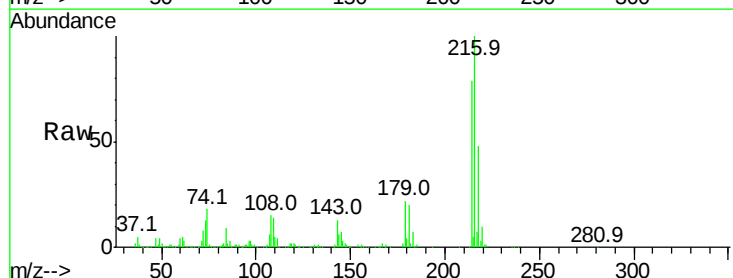
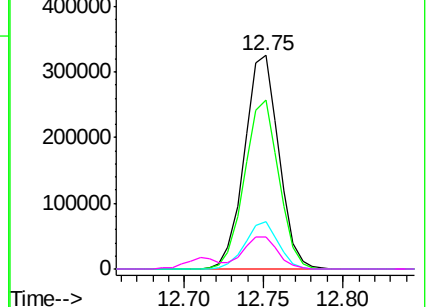
Ion	Ratio	Lower	Upper
216	100		
214	79.1	0.0	0.0#
179	21.6	0.0	0.0#
108	15.8	0.0	0.0#

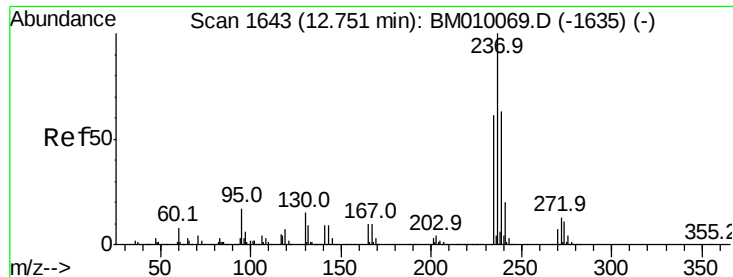
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

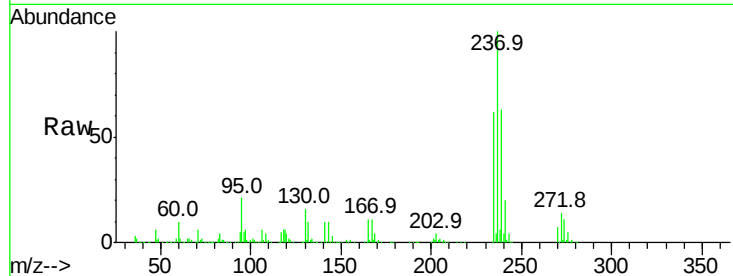




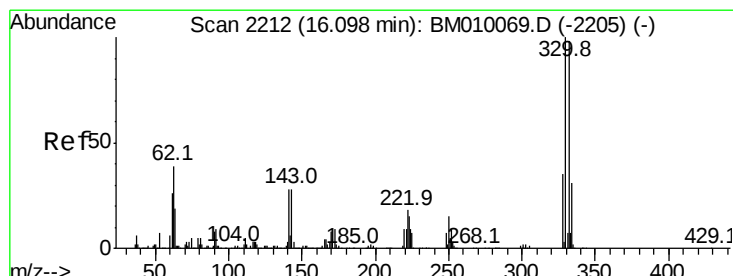
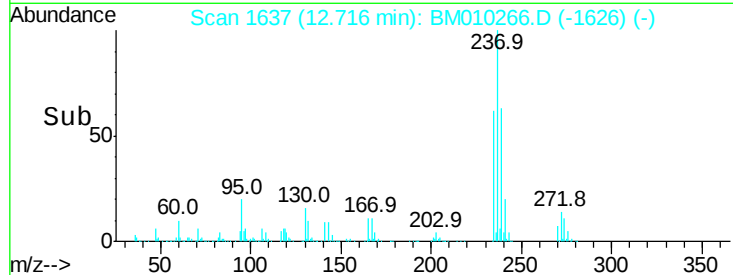
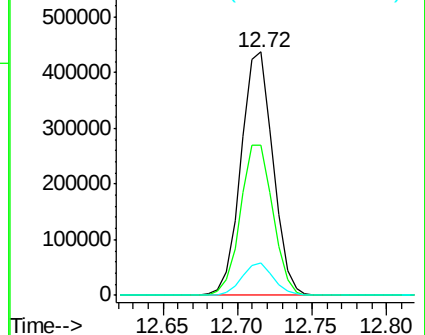
#40
Hexachlorocyclopentadiene
Concen: 114.79 ng
RT: 12.72 min Scan# 1637
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.7	42.0	82.0
272	13.5	0.0	33.4

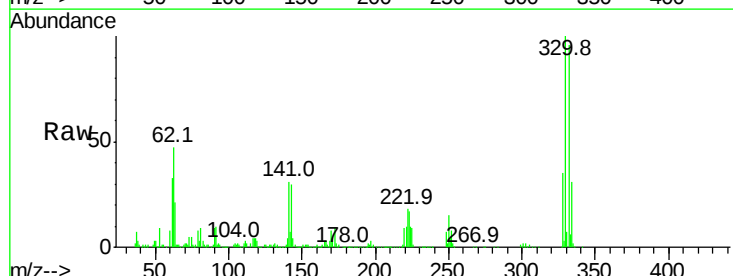


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

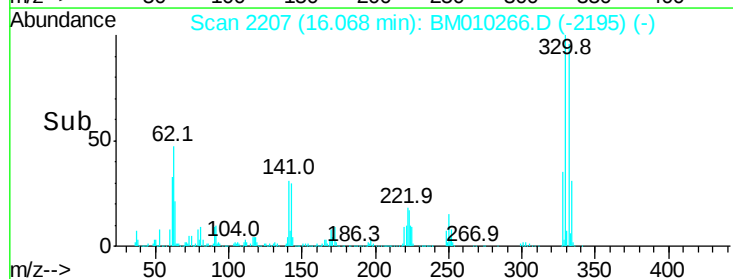
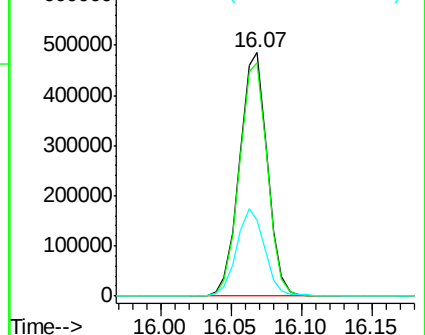


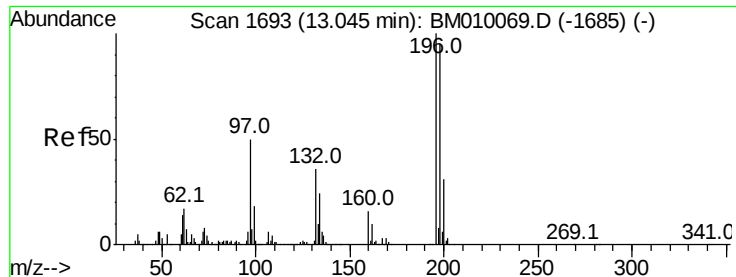
#41
2,4,6-Tribromophenol
Concen: 172.67 ng
RT: 16.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	35.7	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

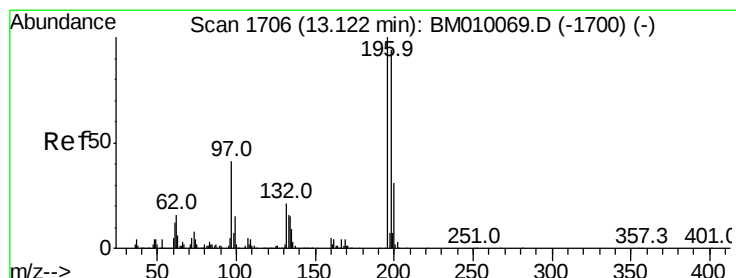
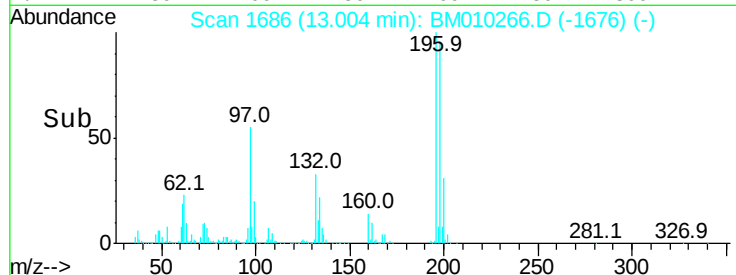
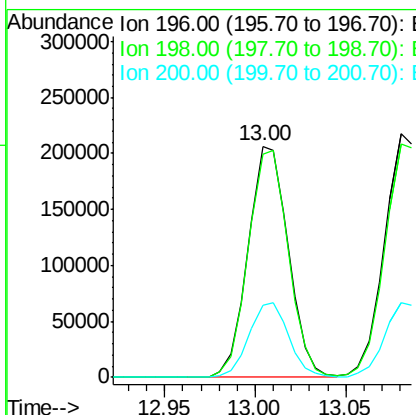
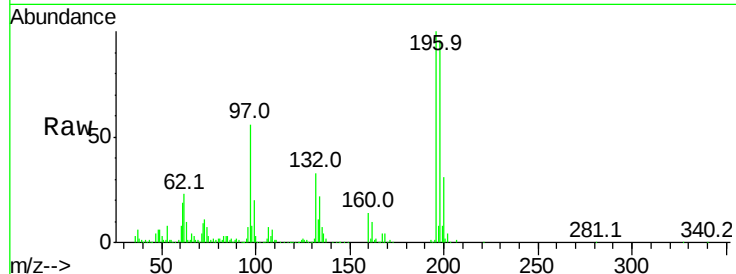




#42
2,4,6-Trichlorophenol
Concen: 55.35 ng
RT: 13.00 min Scan# 1686
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

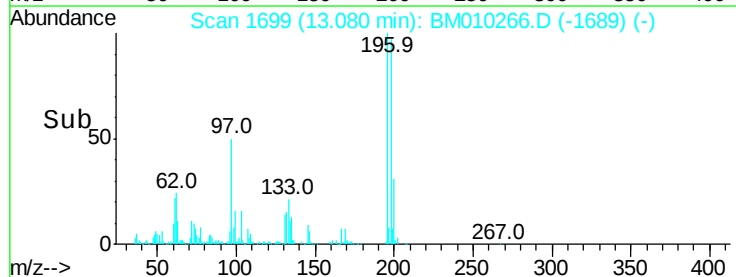
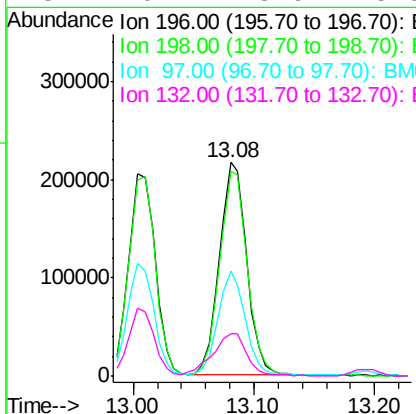
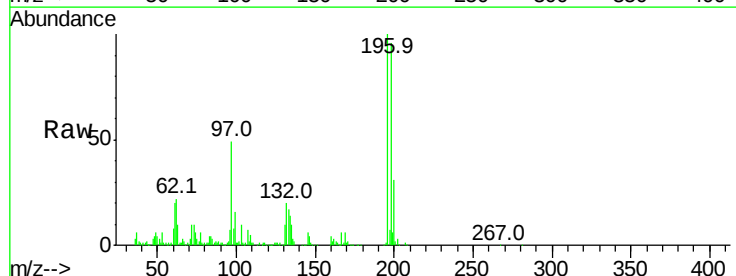
Instrument :
BNA_M
ClientSampleId :

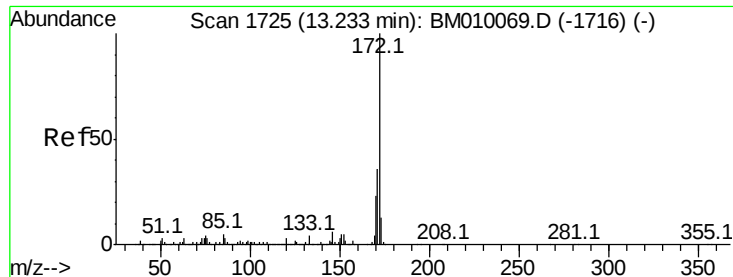
Tot Ion:196 Resp: 318630
Ion Ratio Lower Upper
196 100
198 96.5 76.3 114.5
200 31.2 25.6 38.4



#43
2,4,5-Trichlorophenol
Concen: 53.21 ng
RT: 13.08 min Scan# 1699
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

Tgt Ion:196 Resp: 338480
Ion Ratio Lower Upper
196 100
198 95.9 79.4 119.0
97 49.0 26.8 40.2#
132 19.7 18.6 28.0

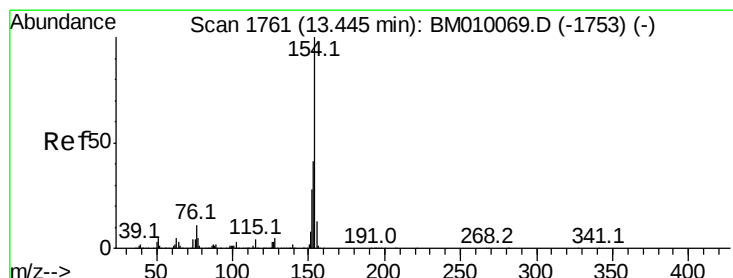
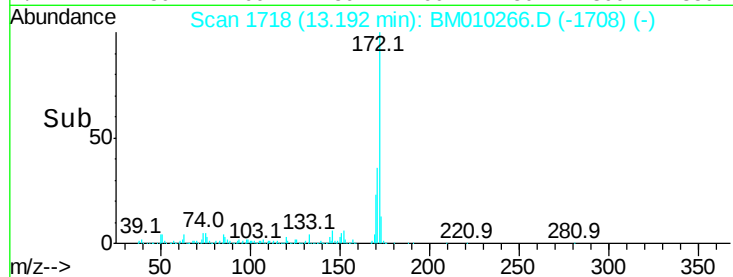
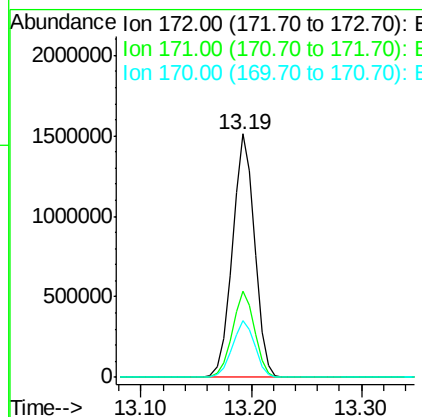
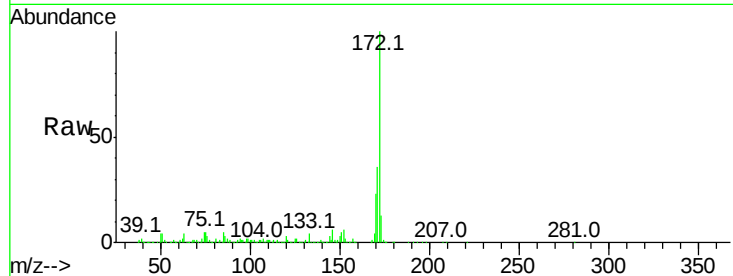




#44
2-Fluorobiphenyl
Concen: 107.92 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

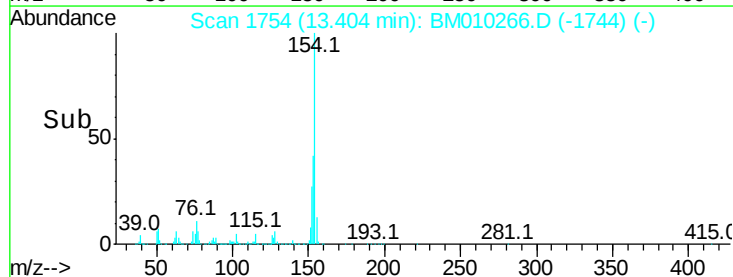
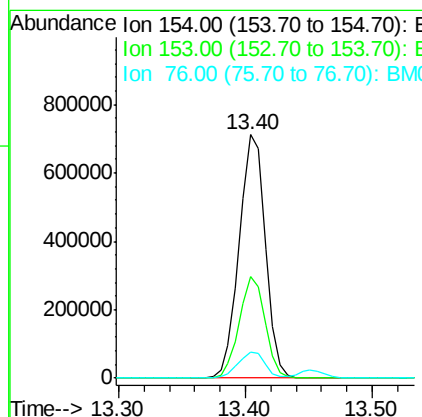
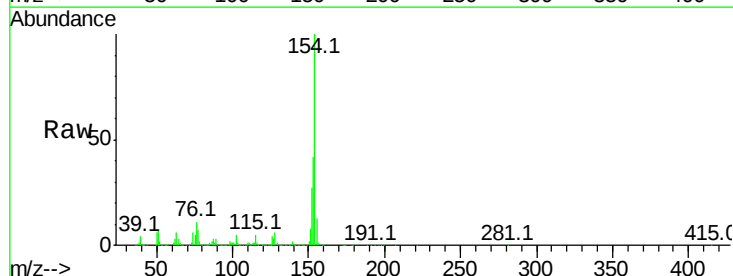
Instrument :
BNA_M
ClientSampleId :

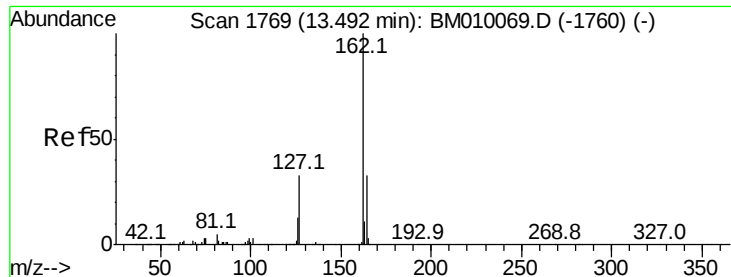
Tot Ion:172 Resp: 2133659
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.1 18.8 28.2



#45
1,1'-Biphenyl
Concen: 48.65 ng
RT: 13.40 min Scan# 1754
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

Tgt Ion:154 Resp: 1016957
Ion Ratio Lower Upper
154 100
153 41.6 20.7 60.7
76 10.7 0.0 30.9

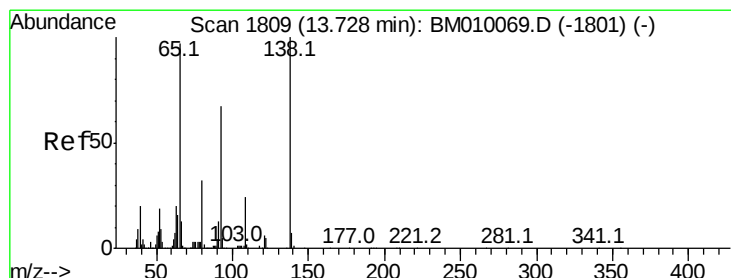
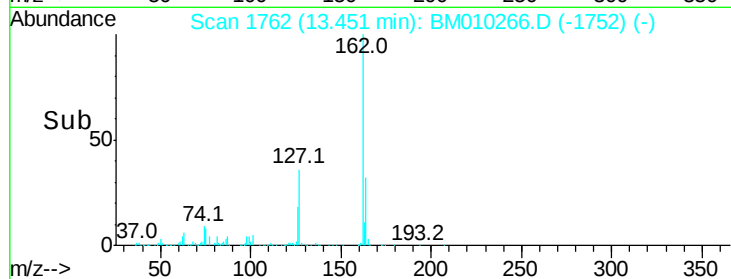
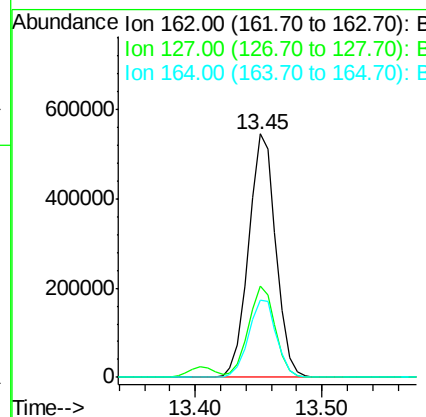
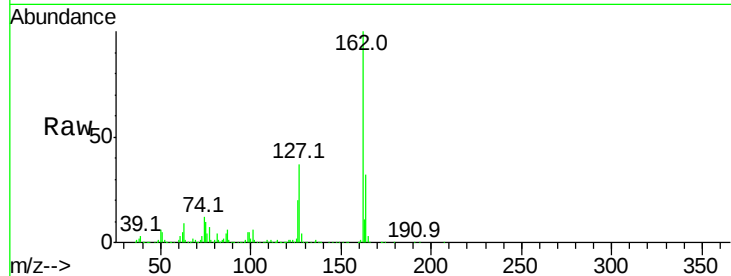




#46
 2-Chloronaphthalene
 Concen: 48.01 ng
 RT: 13.45 min Scan# 1762
 Delta R.T. -0.04 min
 Lab File: BM010266.D
 Acq: 26 May 2017 20:35

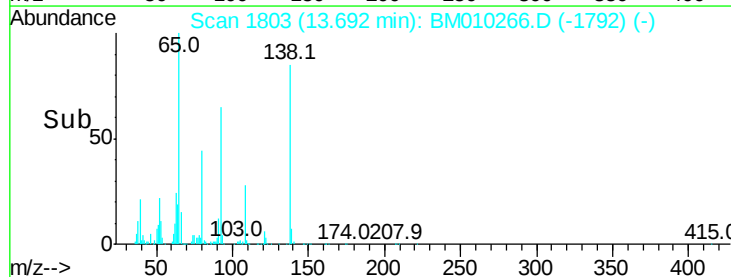
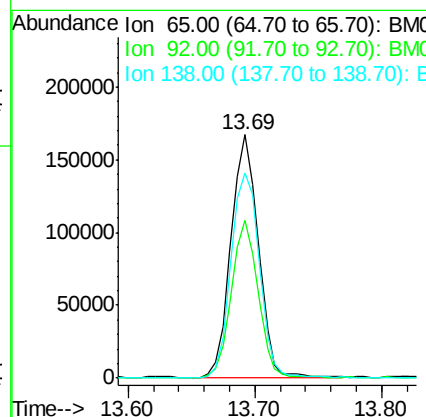
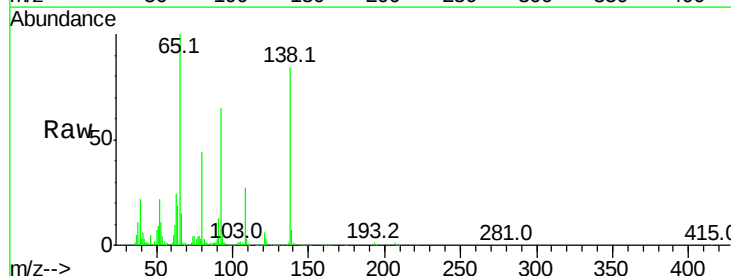
Instrument :
 BNA_M
 ClientSampleId :

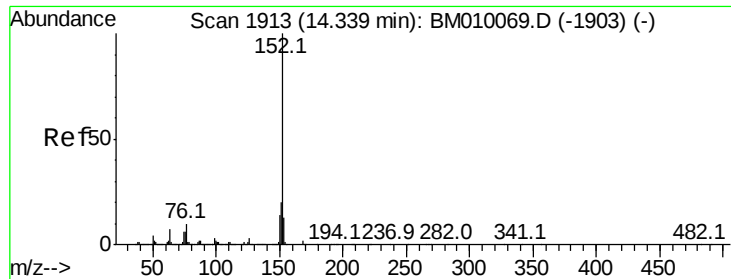
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	26.9	40.3
164	31.8	26.8	40.2



#47
 2-Nitroaniline
 Concen: 57.04 ng
 RT: 13.69 min Scan# 1803
 Delta R.T. -0.04 min
 Lab File: BM010266.D
 Acq: 26 May 2017 20:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	59.1	88.7
138	84.4	93.9	140.9





#48

Acenaphthylene

Concen: 50.87 ng

RT: 14.30 min Scan# 1906

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampleId :

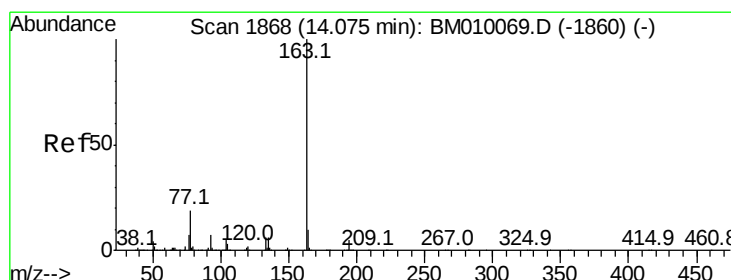
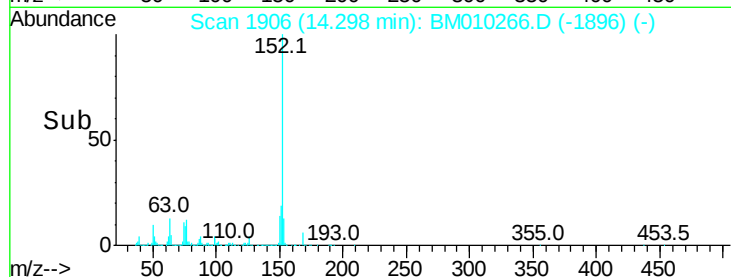
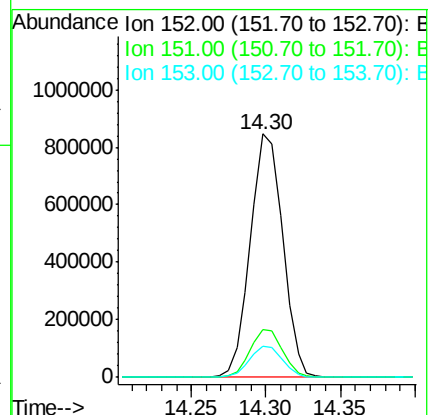
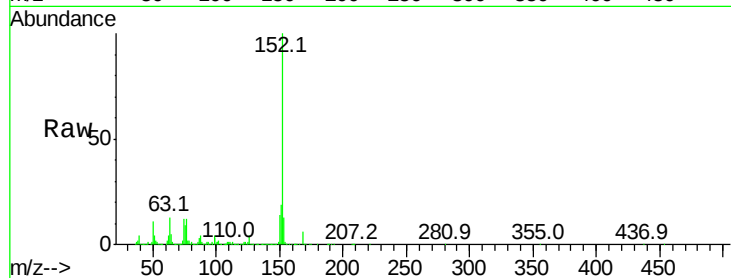
Tot Ion:152 Resp: 1273052

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

153 13.0 10.6 16.0



#49

Dimethylphthalate

Concen: 51.20 ng

RT: 14.04 min Scan# 1862

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

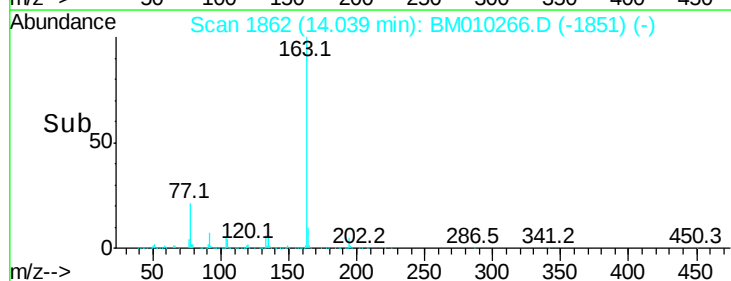
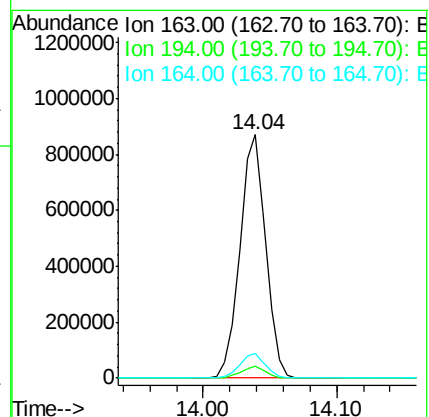
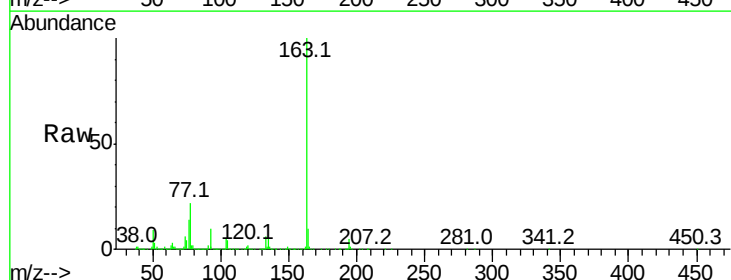
Tgt Ion:163 Resp: 1160790

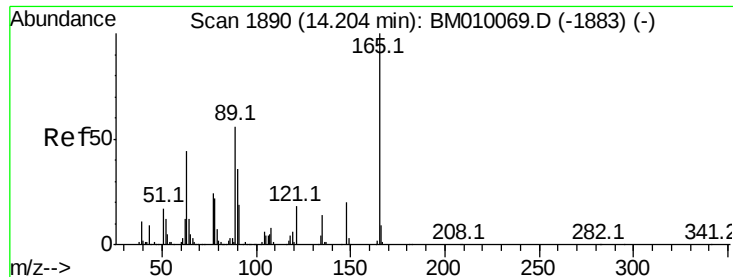
Ion Ratio Lower Upper

163 100

194 4.7 2.7 4.1#

164 10.4 8.2 12.2

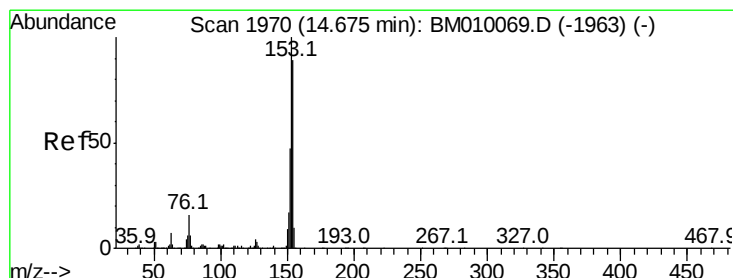
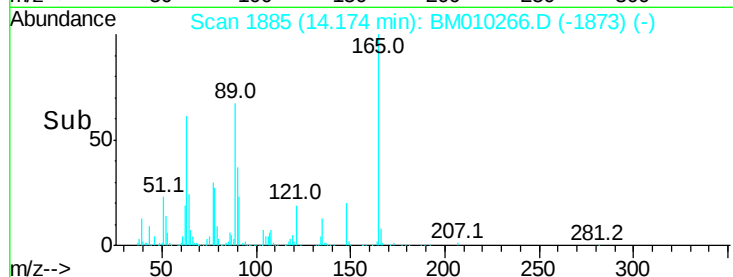
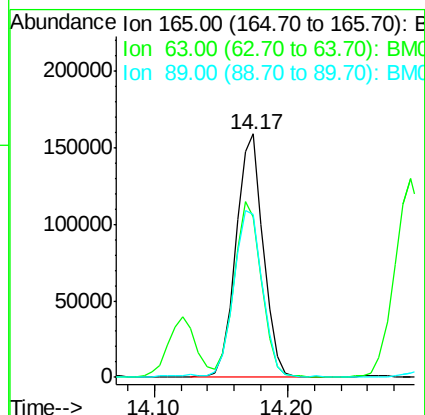
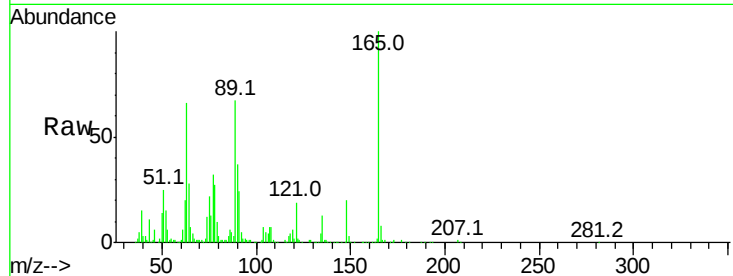




#50
2,6-Dinitrotoluene
Concen: 52.51 ng
RT: 14.17 min Scan# 1885
Delta R.T. -0.03 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

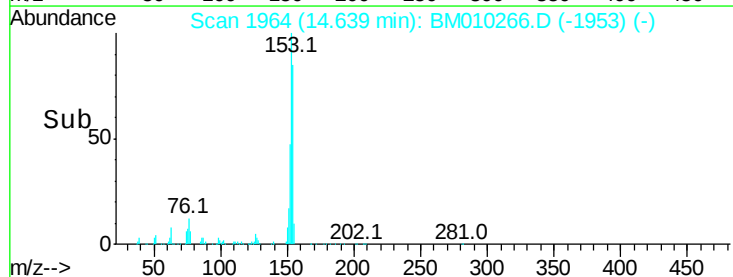
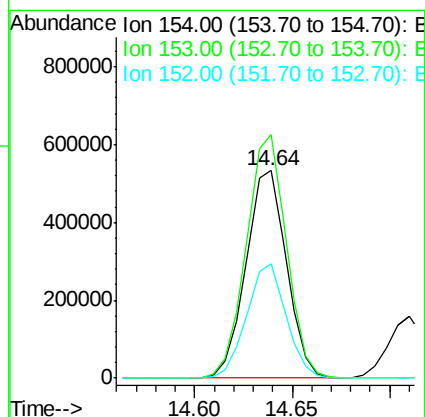
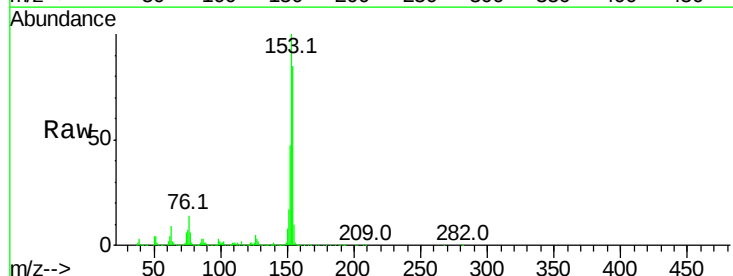
Instrument :
BNA_M
ClientSampleId :

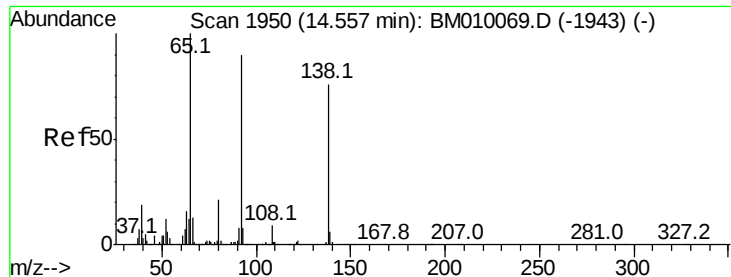
Tot Ion:165 Resp: 226042
Ion Ratio Lower Upper
165 100
63 65.9 44.1 66.1
89 67.2 44.3 66.5#



#51
Acenaphthene
Concen: 49.33 ng
RT: 14.64 min Scan# 1964
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

Tgt Ion:154 Resp: 767359
Ion Ratio Lower Upper
154 100
153 117.3 90.0 135.0
152 55.1 42.6 63.8





#52

3-Nitroaniline

Concen: 43.11 ng

RT: 14.53 min Scan# 1945

Delta R.T. -0.03 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampleId :

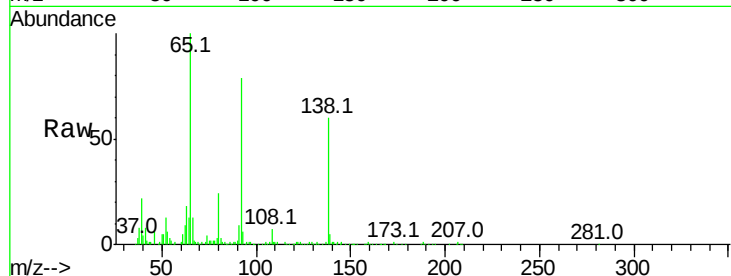
Tot Ion:138 Resp: 172499

Ion Ratio Lower Upper

138 100

108 11.4 7.3 10.9#

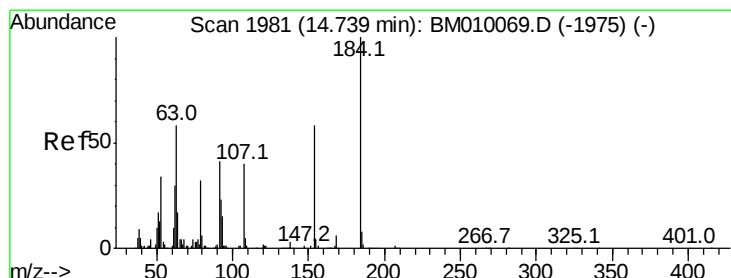
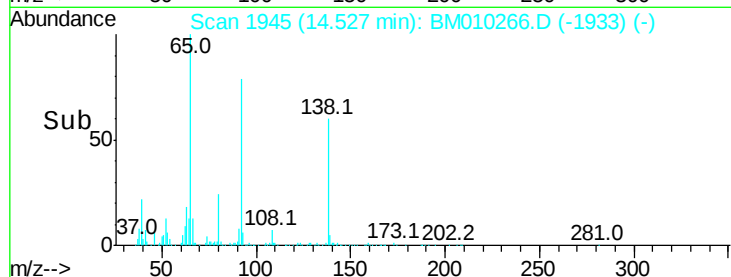
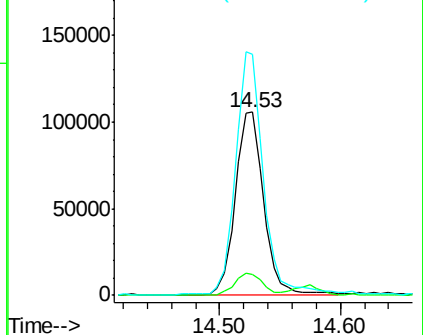
92 131.4 76.6 114.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#53

2,4-Dinitrophenol

Concen: 107.58 ng

RT: 14.71 min Scan# 1976

Delta R.T. -0.03 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

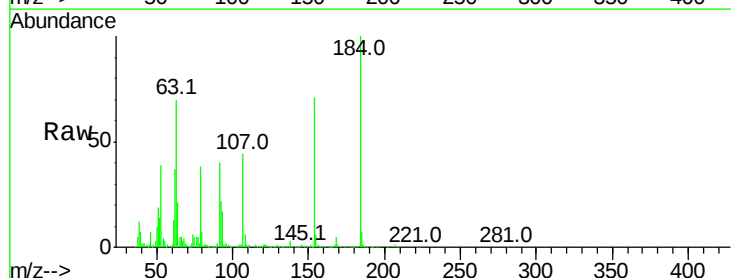
Tgt Ion:184 Resp: 314505

Ion Ratio Lower Upper

184 100

63 69.8 69.2 103.8

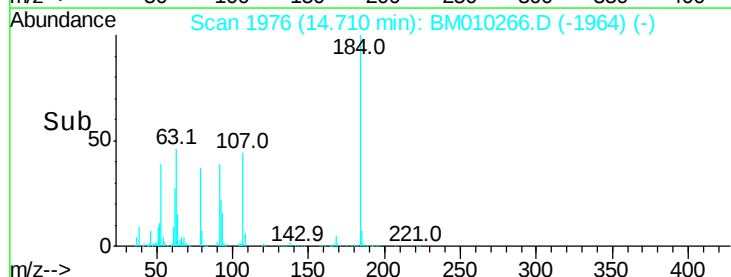
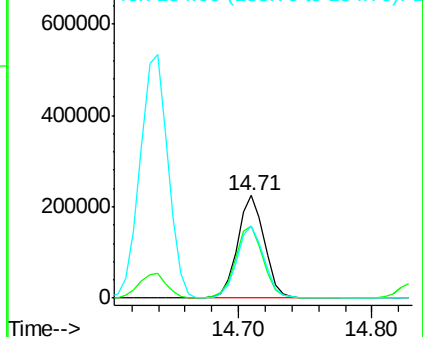
154 70.8 53.3 79.9

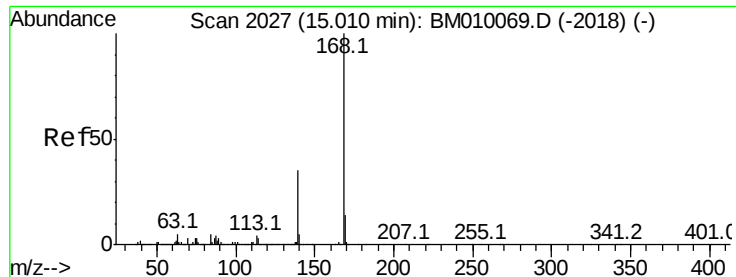


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 54.81 ng

RT: 14.97 min Scan# 2021

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampleId :

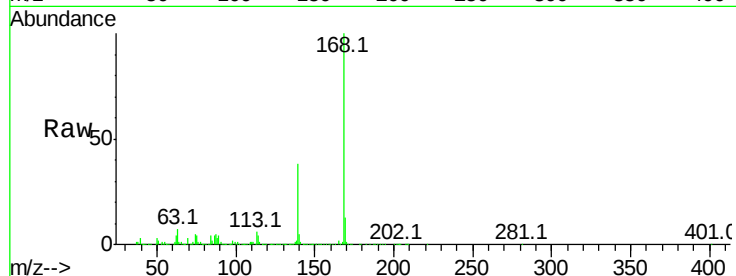
Tot Ion:168 Resp: 1340651

Ion Ratio Lower Upper

168 100

139 38.1 27.3 40.9

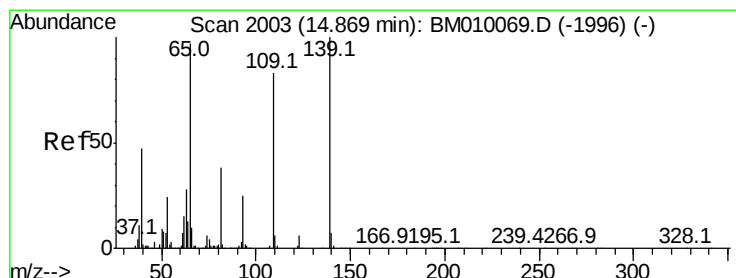
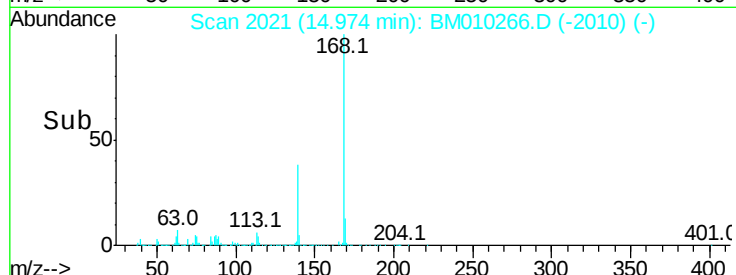
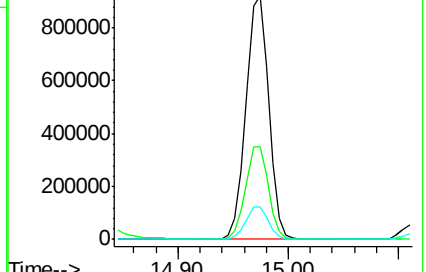
169 13.2 10.6 16.0



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: 40.86 ng

RT: 14.83 min Scan# 1997

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

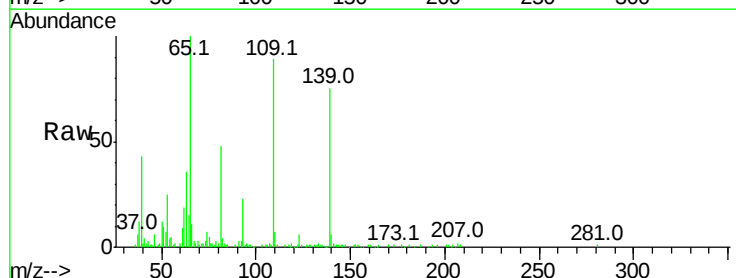
Tgt Ion:139 Resp: 131572

Ion Ratio Lower Upper

139 100

109 119.1 37.7 77.7#

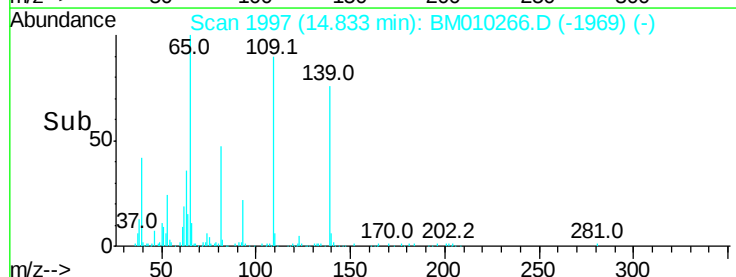
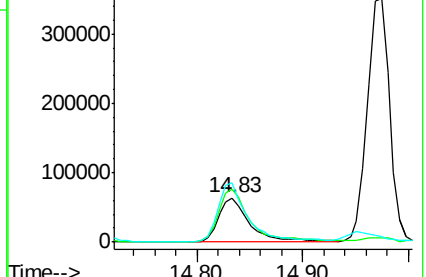
65 133.5 49.9 89.9#

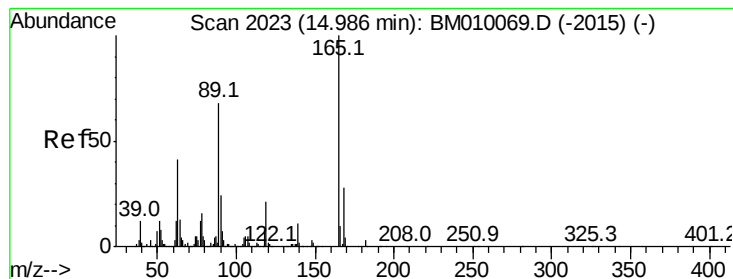


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





#56

2,4-Dinitrotoluene

Concen: 54.76 ng

RT: 14.95 min Scan# 2017

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampleId :

Tot Ion:165 Resp: 333525

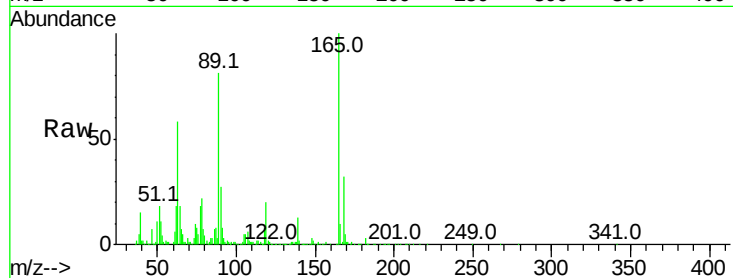
Ion Ratio Lower Upper

165 100

63 57.7 52.4 78.6

89 81.1 72.4 108.6

182 3.0 2.0 3.0

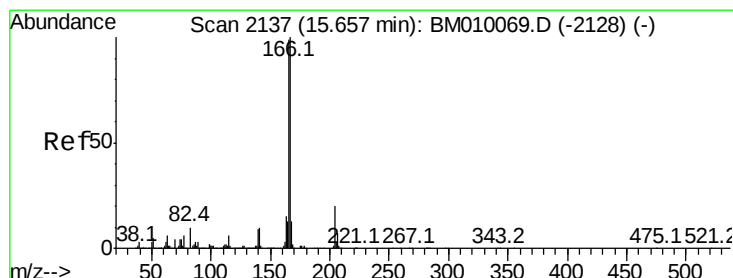
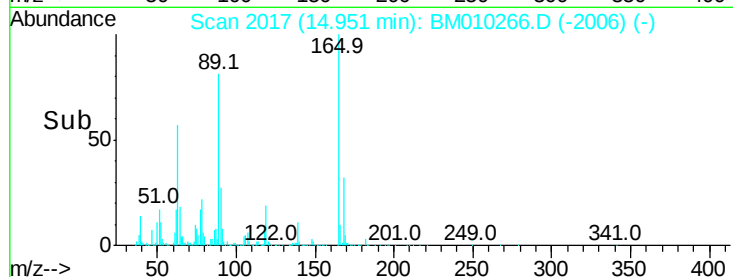
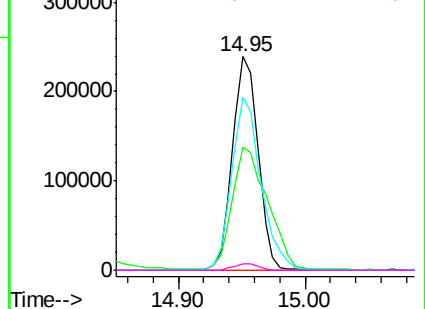


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 52.66 ng

RT: 15.62 min Scan# 2130

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

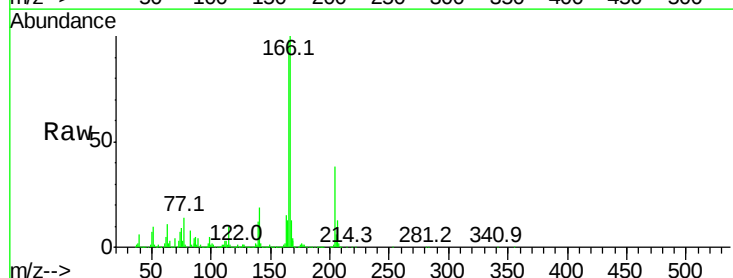
Tgt Ion:166 Resp: 1120242

Ion Ratio Lower Upper

166 100

165 97.7 79.0 118.4

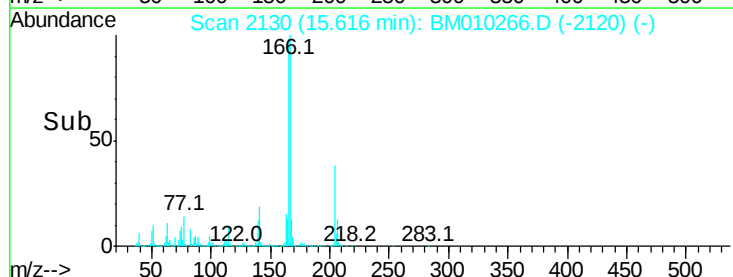
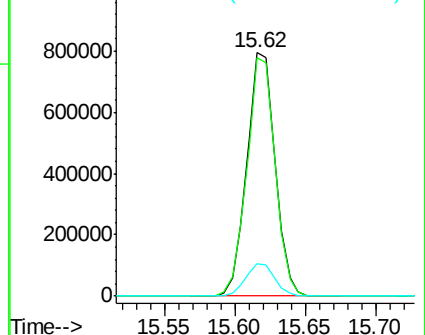
167 13.1 10.3 15.5

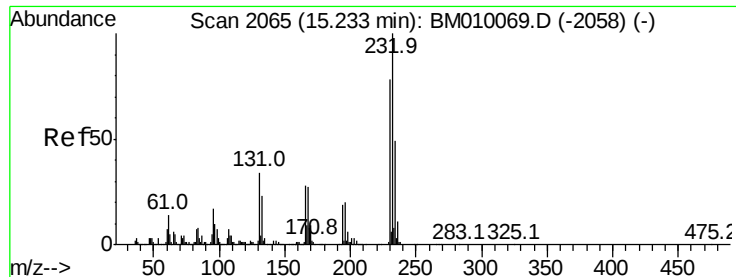


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 61.32 ng

RT: 15.20 min Scan# 2059

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampleId :

Tot Ion:232 Resp: 332267

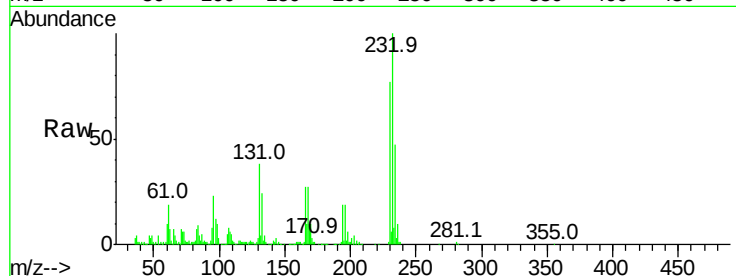
Ion Ratio Lower Upper

232 100

131 38.2 0.0 0.0#

130 3.0 0.0 0.0#

166 27.6 0.0 0.0#

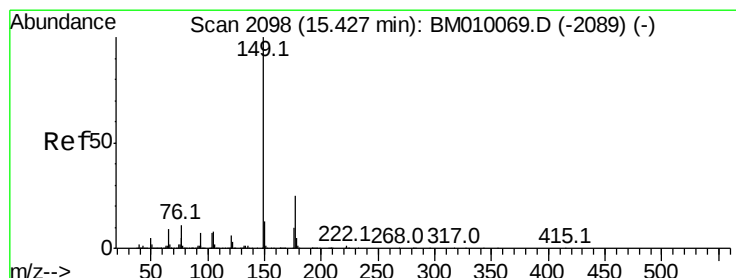
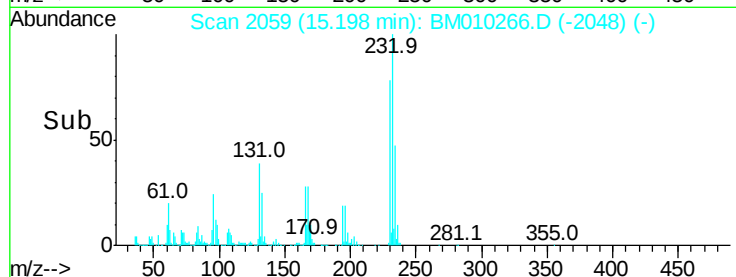
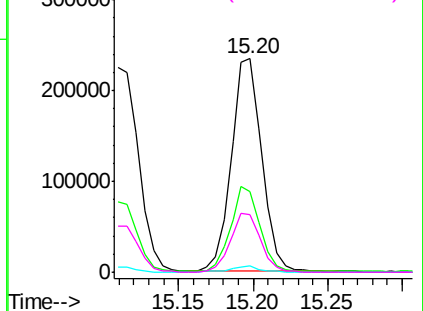


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 50.43 ng

RT: 15.39 min Scan# 2091

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

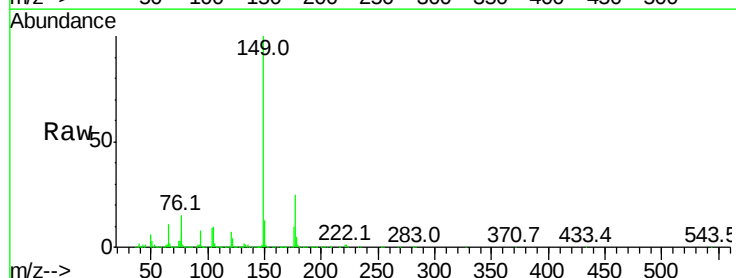
Tgt Ion:149 Resp: 1081028

Ion Ratio Lower Upper

149 100

177 25.0 18.3 27.5

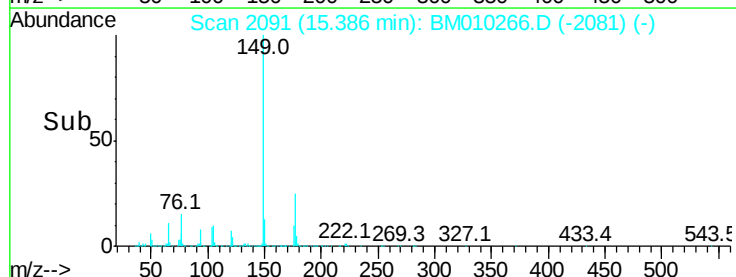
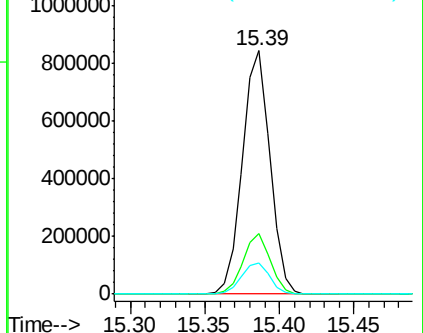
150 12.5 9.8 14.8

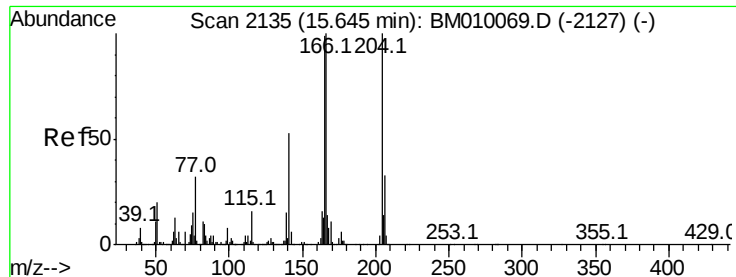


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

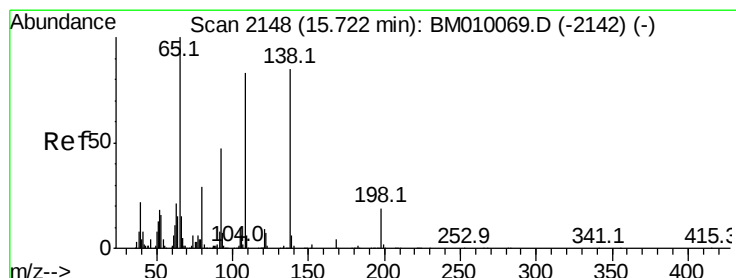
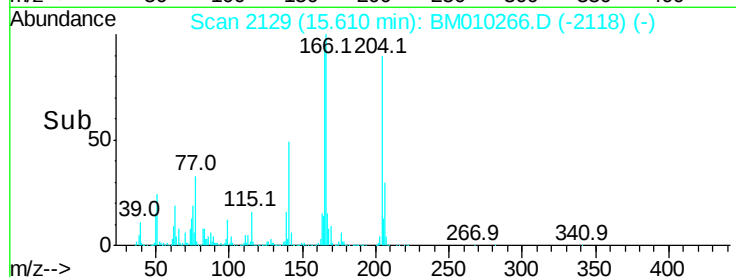
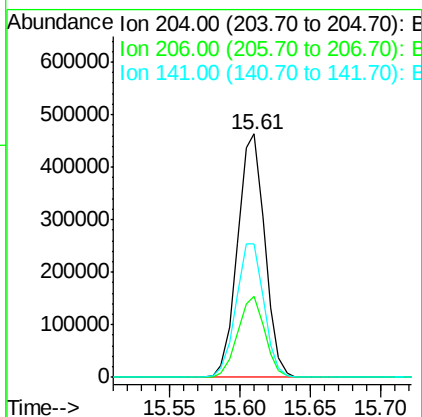
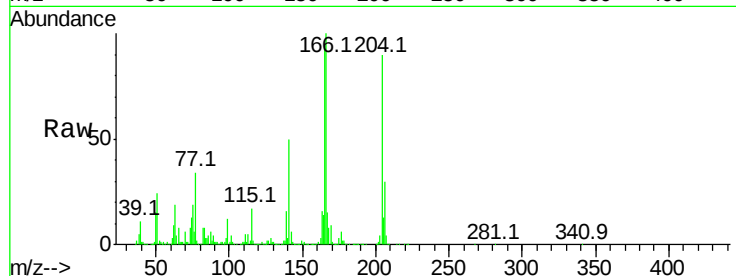




#60
4-Chlorophenyl-phenylether
Concen: 52.18 ng
RT: 15.61 min Scan# 2129
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

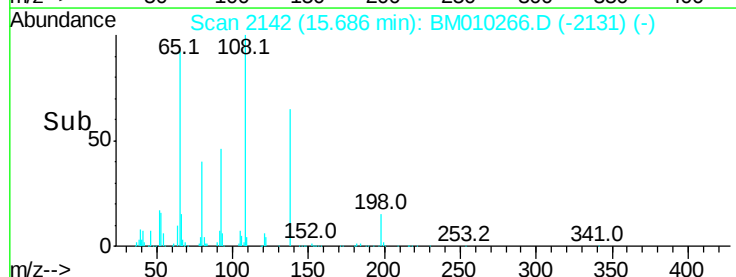
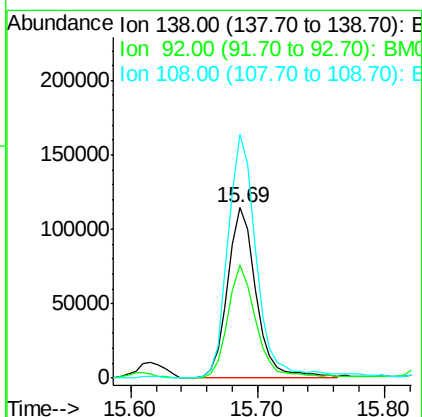
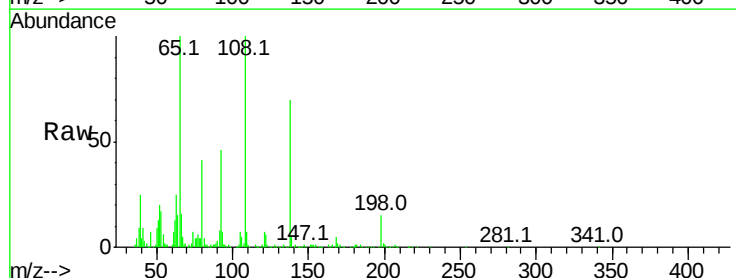
Instrument :
BNA_M
ClientSampled :

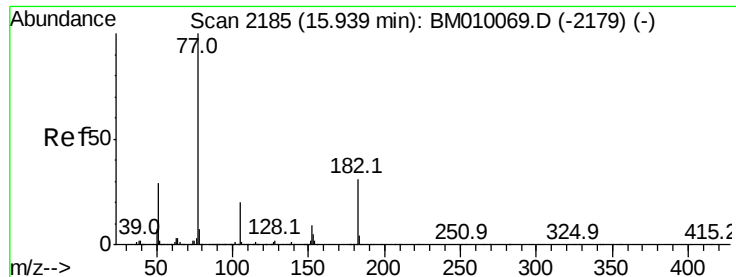
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	55.1	45.2	67.8



#61
4-Nitroaniline
Concen: 44.18 ng
RT: 15.69 min Scan# 2142
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	66.3	16.7	56.7#
108	143.1	37.6	77.6#

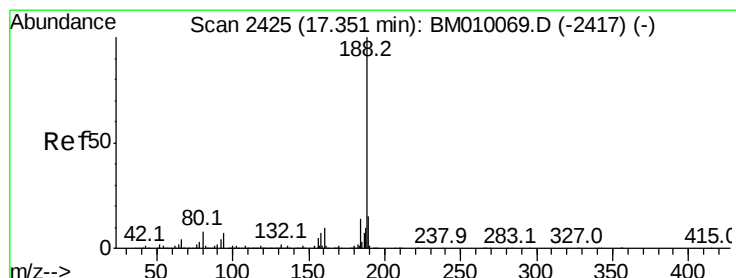
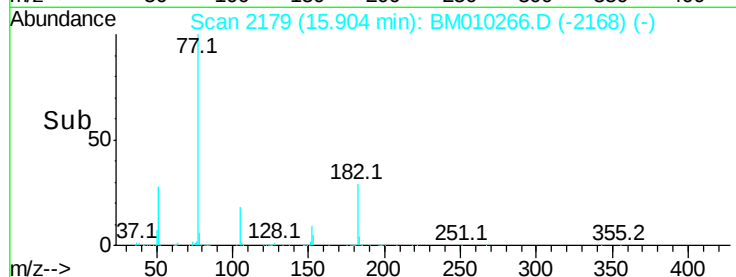
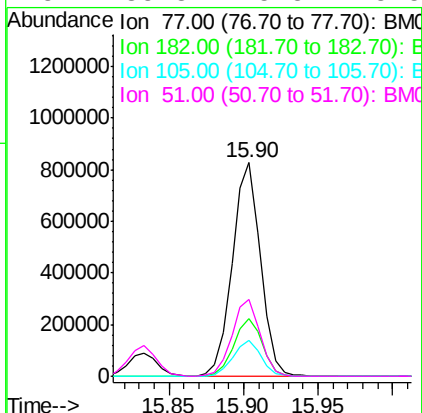
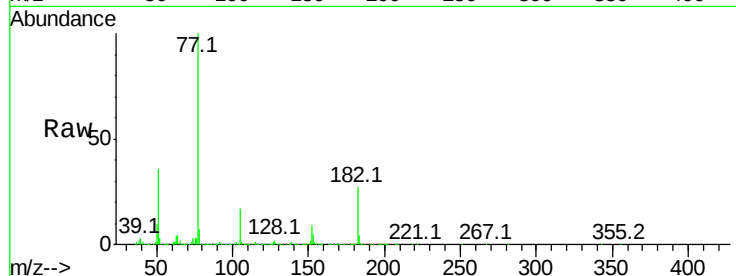




#62
Azobenzene
Concen: 68.79 ng
RT: 15.90 min Scan# 2179
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

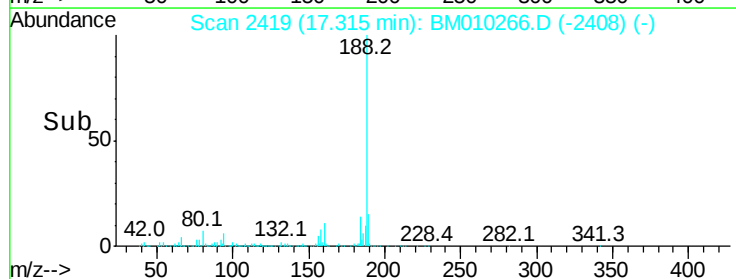
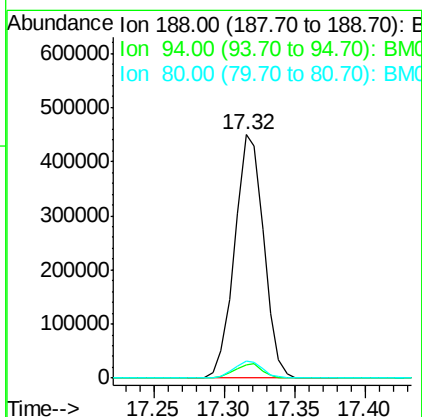
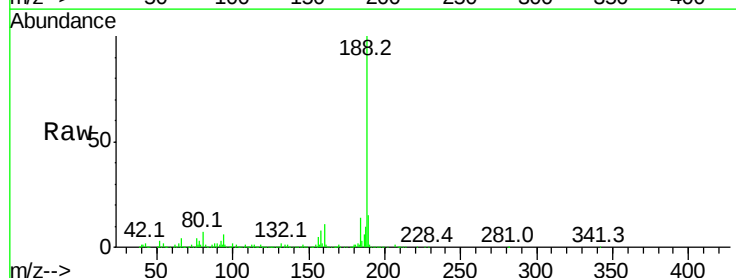
Instrument :
BNA_M
ClientSampleId :

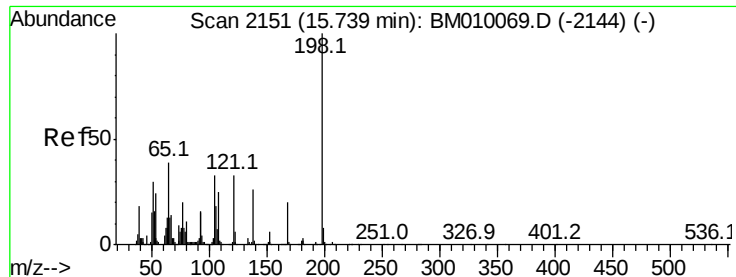
Tot Ion: 77 Resp: 1084241
Ion Ratio Lower Upper
77 100
182 26.8 6.5 46.5
105 16.5 3.8 43.8
51 35.8 5.5 45.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2419
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

Tgt Ion: 188 Resp: 646620
Ion Ratio Lower Upper
188 100
94 5.7 8.7 13.1#
80 6.8 9.3 13.9#





#64

4,6-Dinitro-2-methylphenol

Concen: 54.70 ng

RT: 15.70 min Scan# 2145

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampled :

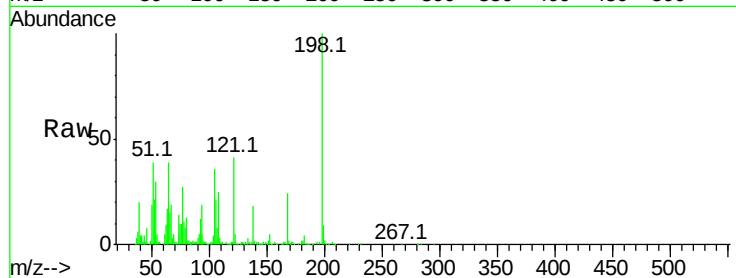
Tot Ion:198 Resp: 216100

Ion	Ratio	Lower	Upper
198	100		
51	38.8	28.8	68.8
105	35.9	30.5	70.5

198 100

51 38.8 28.8 68.8

105 35.9 30.5 70.5



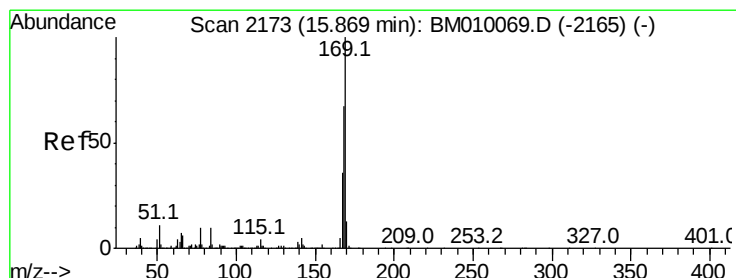
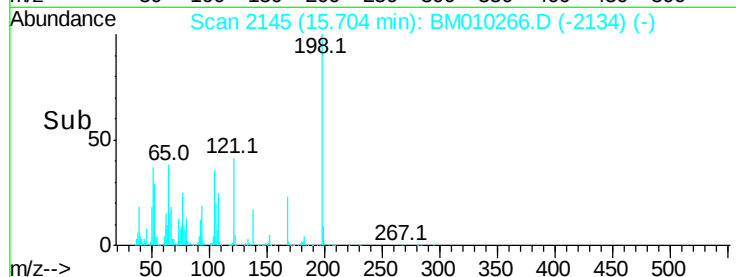
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM010069.D (-2144) (-)

Ion 105.00 (104.70 to 105.70): E

15.70

Time-->



#65

n-Nitrosodiphenylamine

Concen: 49.81 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

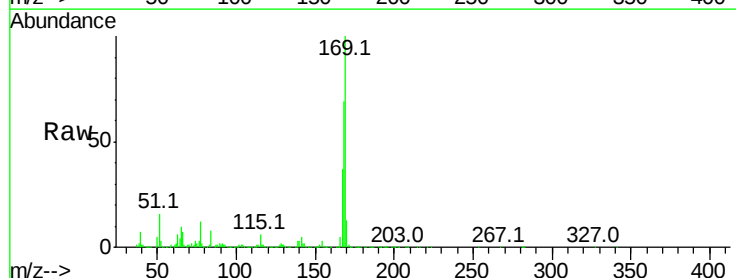
Tgt Ion:169 Resp: 965363

Ion	Ratio	Lower	Upper
169	100		
168	68.5	53.9	80.9
167	36.7	28.9	43.3

169 100

168 68.5 53.9 80.9

167 36.7 28.9 43.3



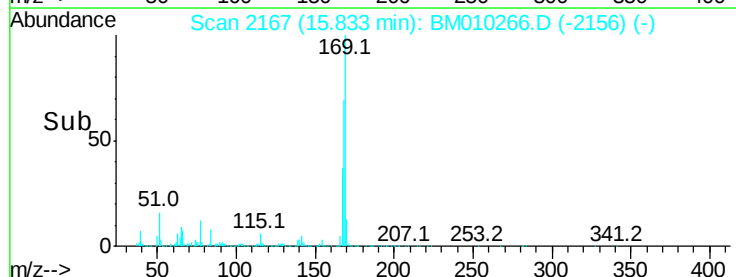
Abundance Ion 169.00 (168.70 to 169.70): E

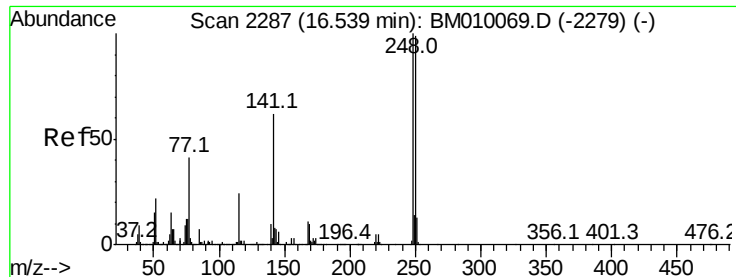
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.83

Time-->

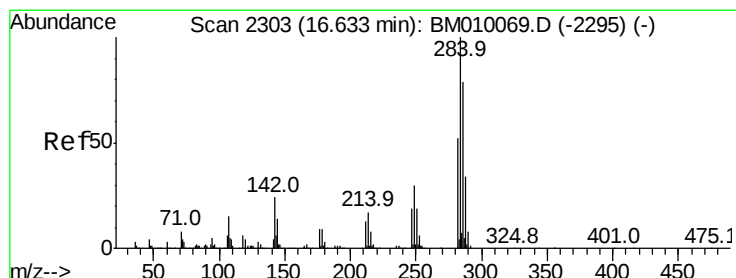
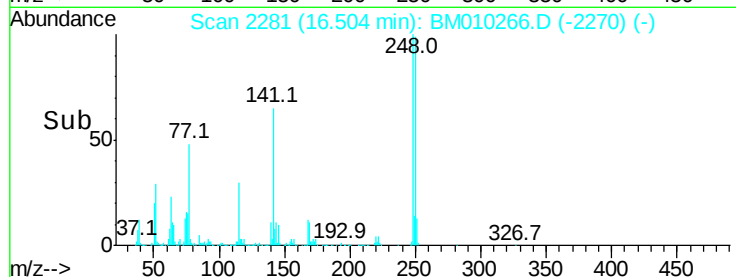
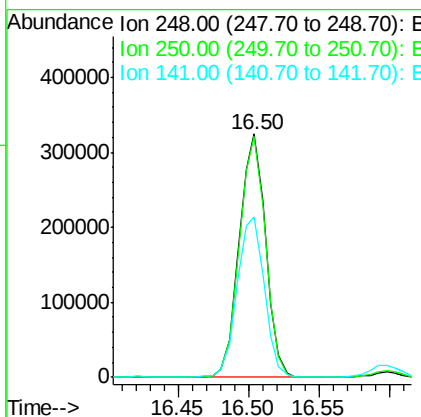
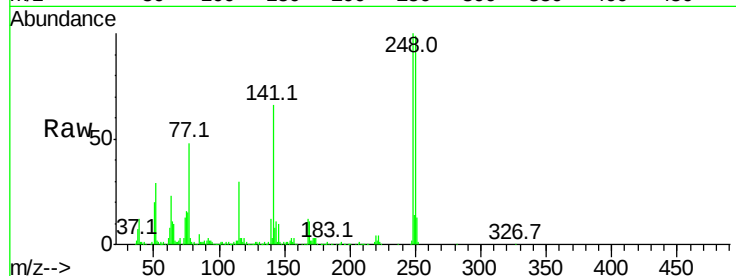




#66
4-Bromophenyl-phenylether
Concen: 50.93 ng
RT: 16.50 min Scan# 2281
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

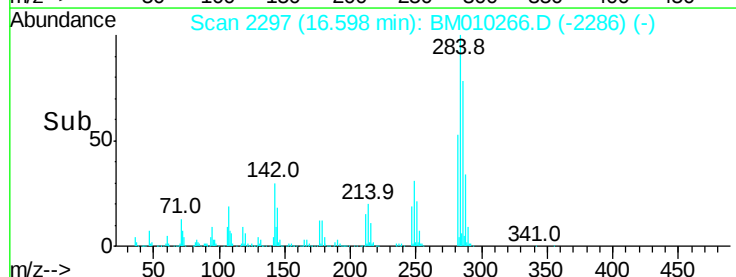
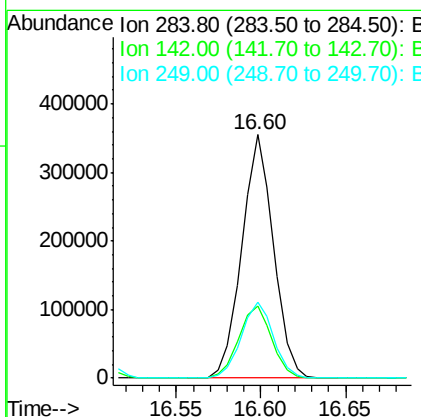
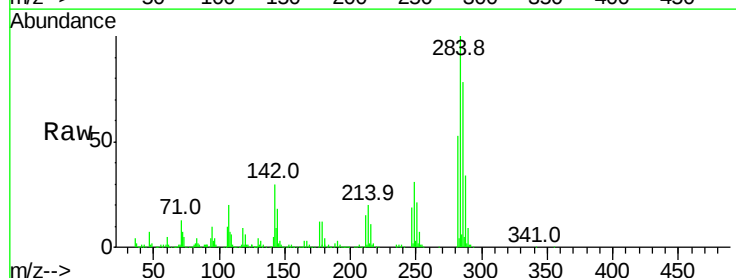
Instrument :
BNA_M
ClientSampled :

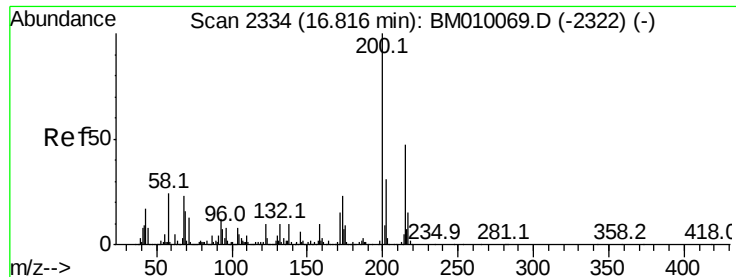
Tot Ion:248 Resp: 421551
Ion Ratio Lower Upper
248 100
250 98.9 77.4 116.0
141 65.7 45.2 67.8



#67
Hexachlorobenzene
Concen: 46.02 ng
RT: 16.60 min Scan# 2297
Delta R.T. -0.04 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

Tgt Ion:284 Resp: 462807
Ion Ratio Lower Upper
284 100
142 29.7 20.4 30.6
249 31.4 23.8 35.6





#68

Atrazine

Concen: 53.09 ng

RT: 16.78 min Scan# 2328

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

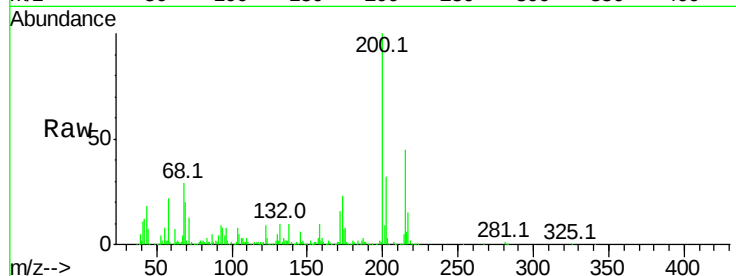
Instrument :

BNA_M

ClientSampleId :

Tot Ion:200 Resp: 390107

Ion	Ratio	Lower	Upper
200	100		
173	23.0	4.8	44.8
215	45.1	26.9	66.9

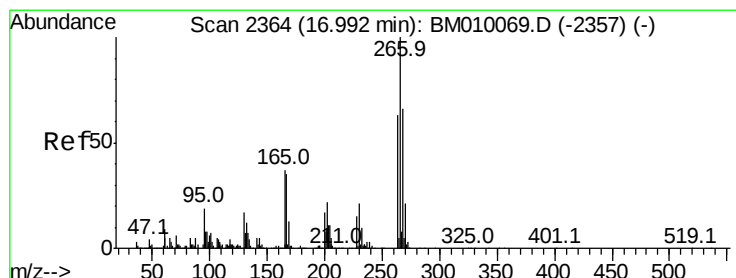
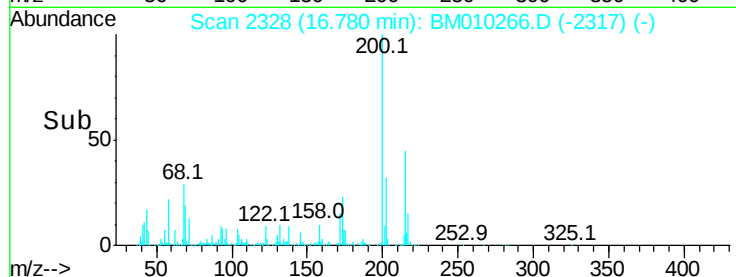
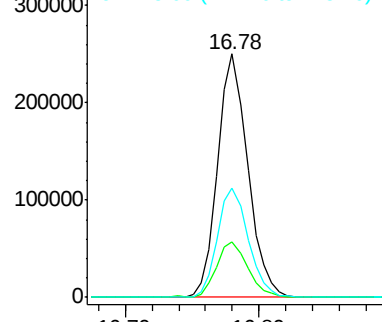


Abundance

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: 107.02 ng

RT: 16.96 min Scan# 2359

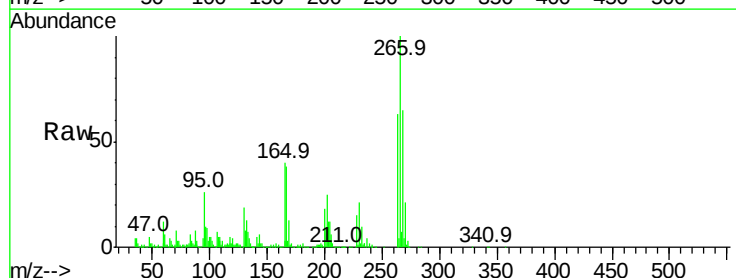
Delta R.T. -0.03 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Tgt Ion:266 Resp: 591137

Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.0	78.0
264	63.2	49.0	73.4

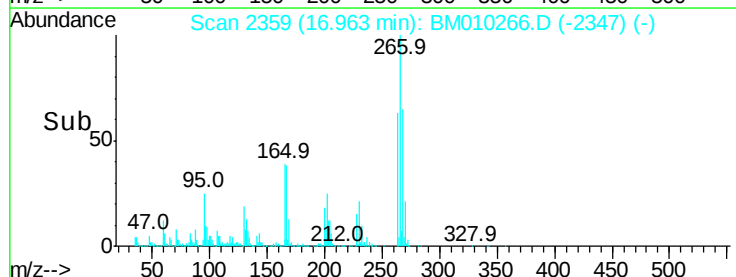
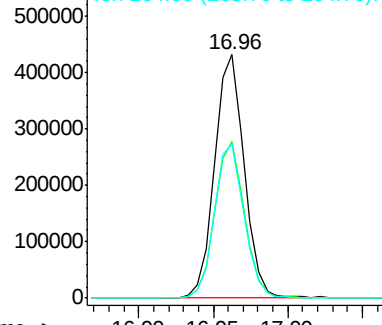


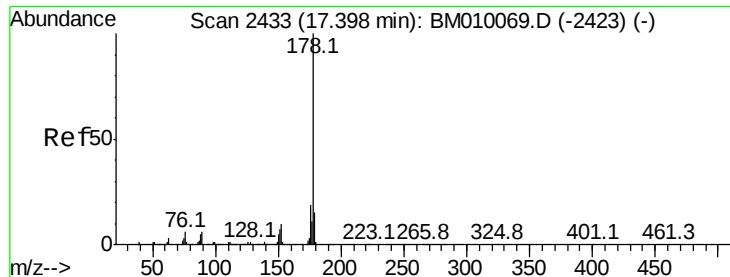
Abundance

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: 50.51 ng

RT: 17.36 min Scan# 2427

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

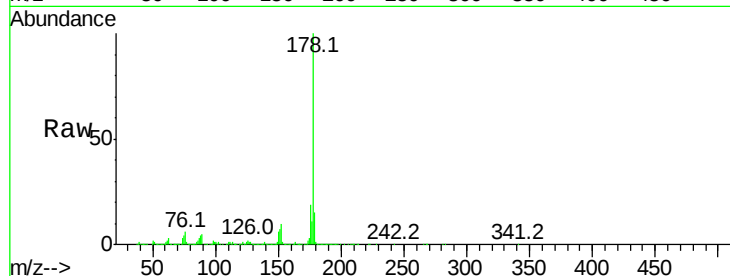
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1827336

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.1	12.1	18.1

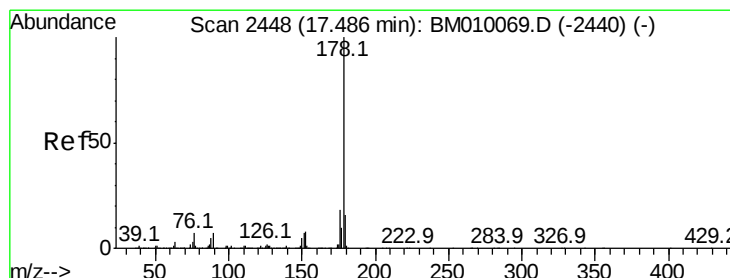
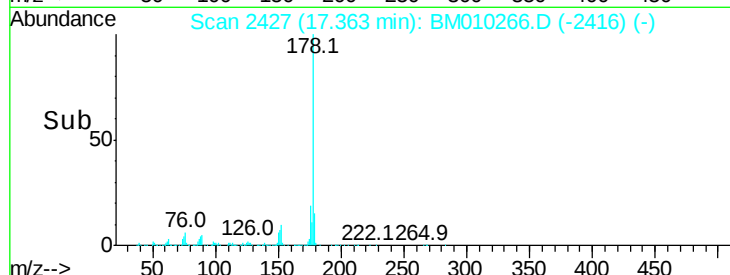
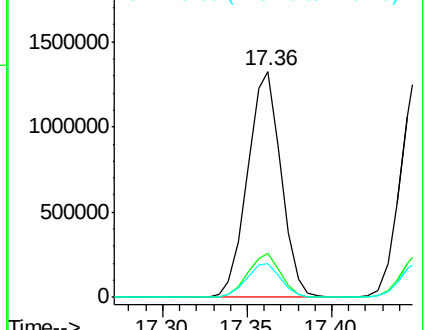


Abundance

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: 52.70 ng

RT: 17.45 min Scan# 2442

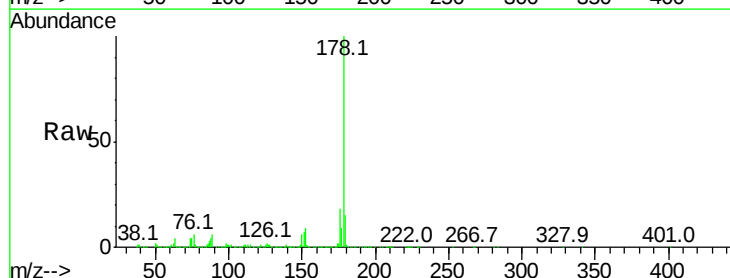
Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Tgt Ion:178 Resp: 1891960

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.0	12.6	19.0

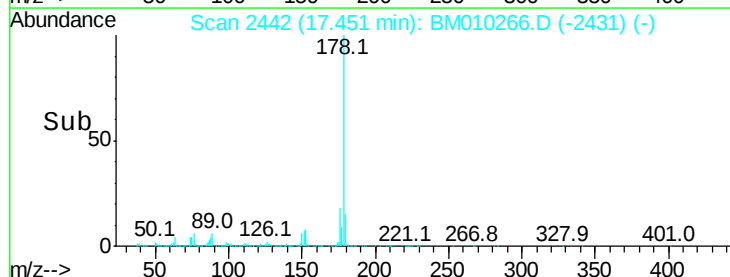
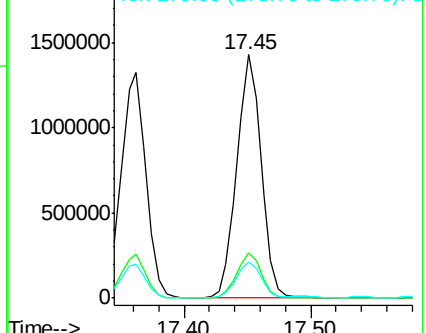


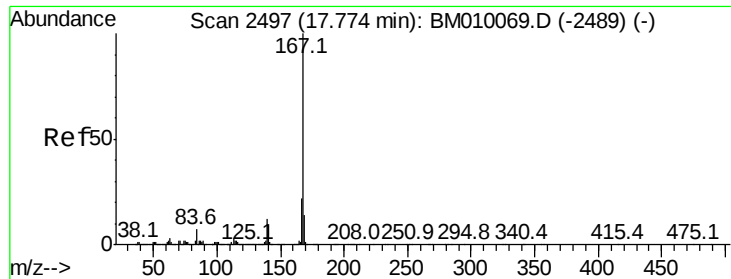
Abundance

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





#72

Carbazole

Concen: 50.76 ng

RT: 17.74 min Scan# 2491

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

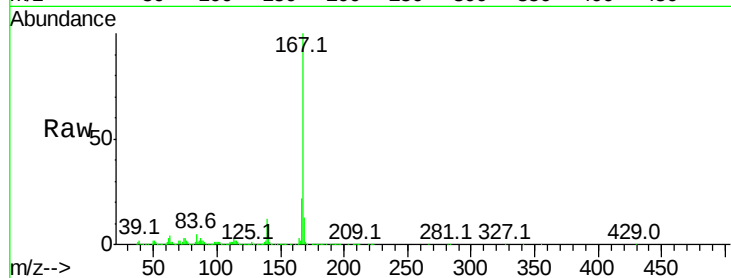
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 1613441

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	12.5	10.8	16.2

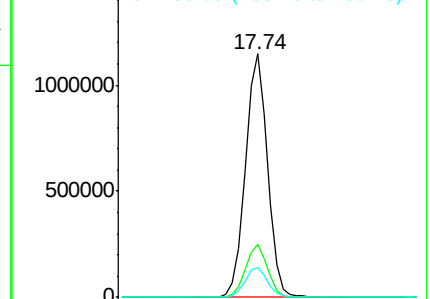


Abundance

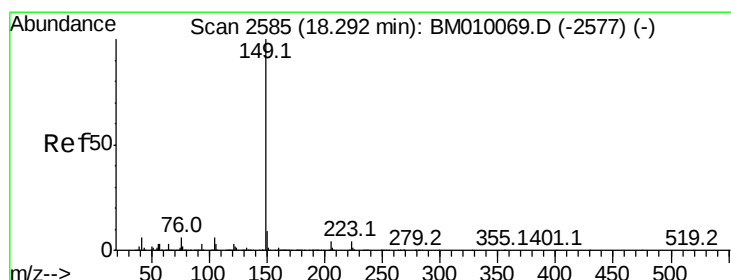
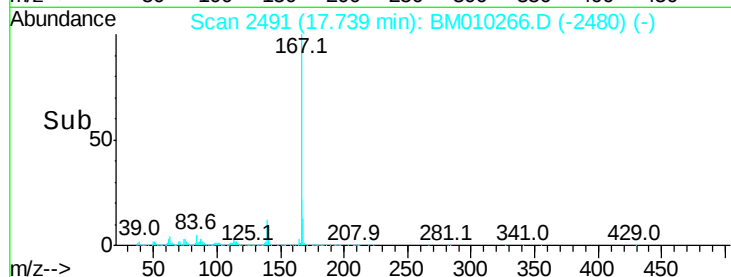
Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 50.14 ng

RT: 18.26 min Scan# 2579

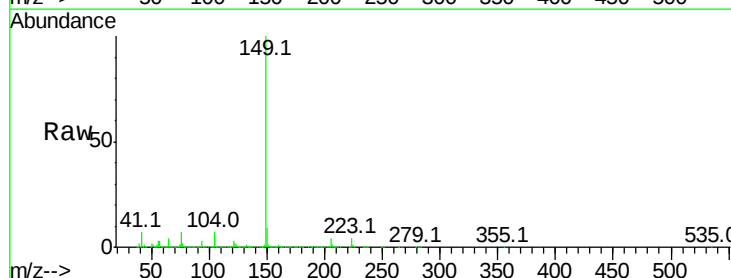
Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Tgt Ion:149 Resp: 1889723

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	6.6	3.7	5.5

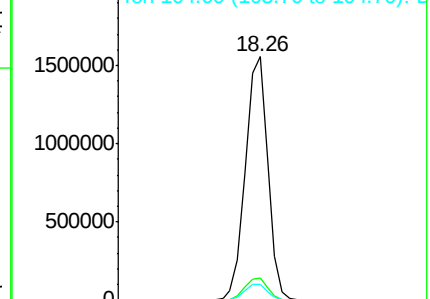


Abundance

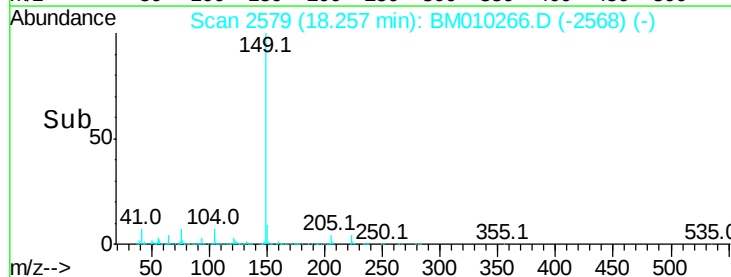
Ion 149.00 (148.70 to 149.70): E

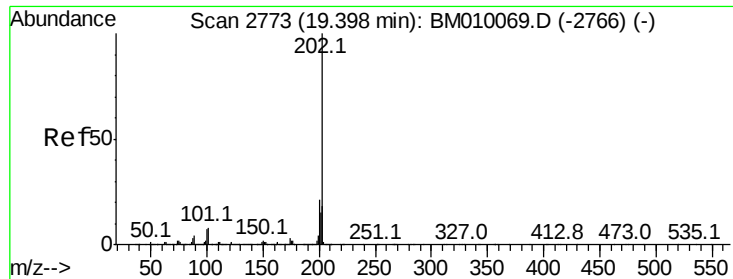
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#74

Fluoranthene

Concen: 51.33 ng

RT: 19.37 min Scan# 2768

Delta R.T. -0.03 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampled :

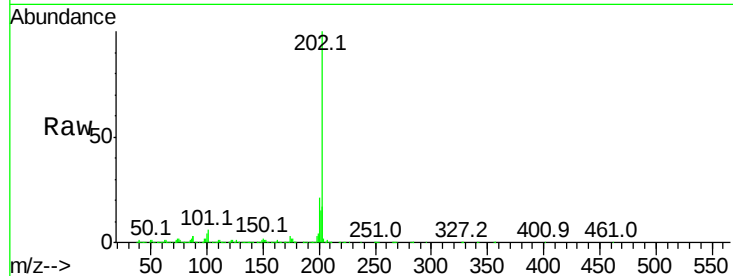
Tot Ion:202 Resp: 2411152

Ion Ratio Lower Upper

202 100

101 5.8 0.0 28.7

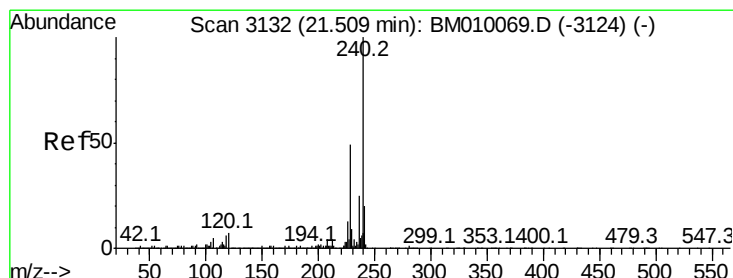
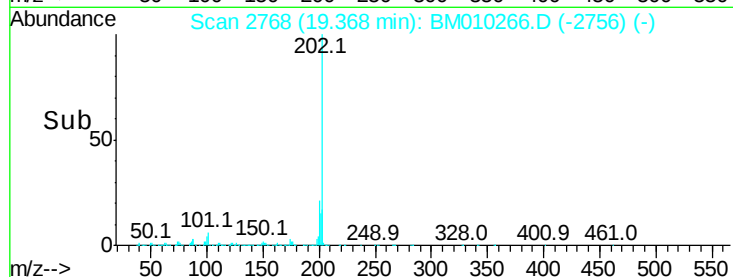
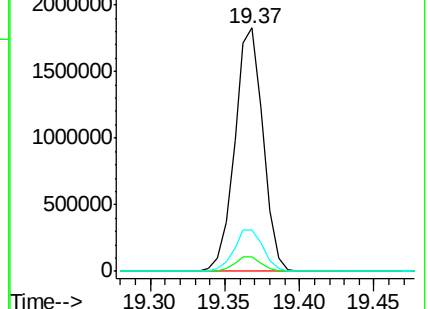
203 17.2 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.48 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

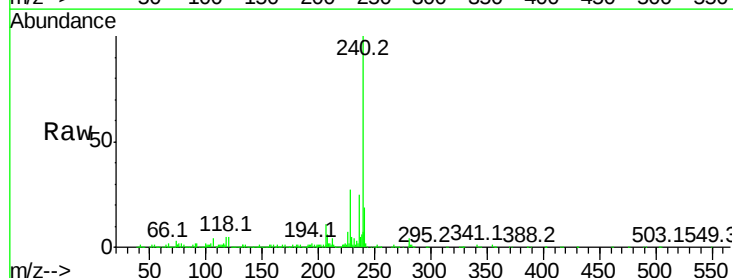
Tgt Ion:240 Resp: 968920

Ion Ratio Lower Upper

240 100

120 5.4 8.2 12.2#

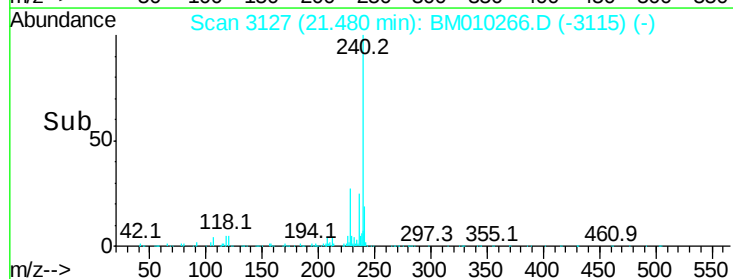
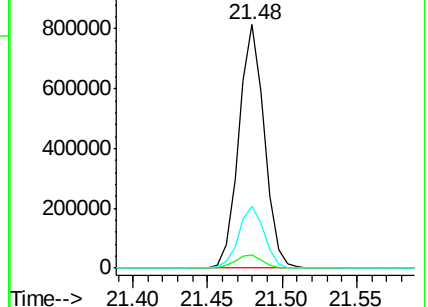
236 25.2 20.0 30.0

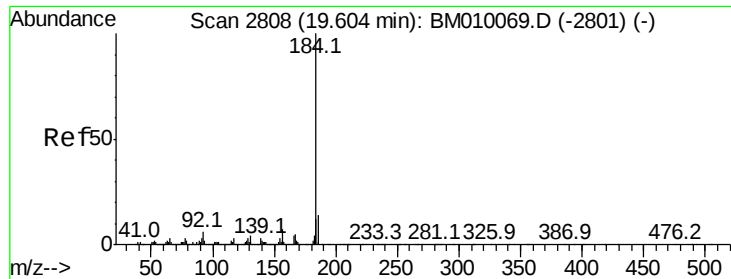


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 16.51 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampled :

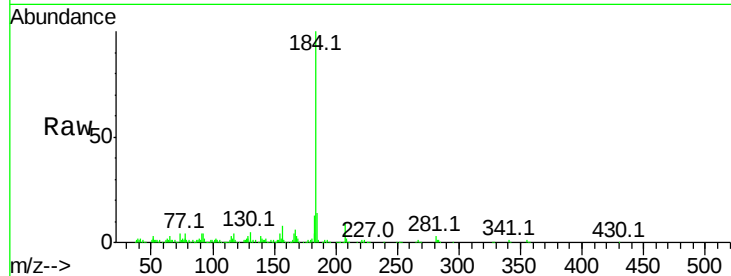
Tot Ion:184 Resp: 295123

Ion Ratio Lower Upper

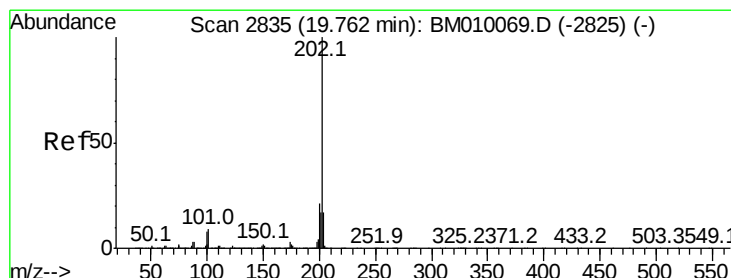
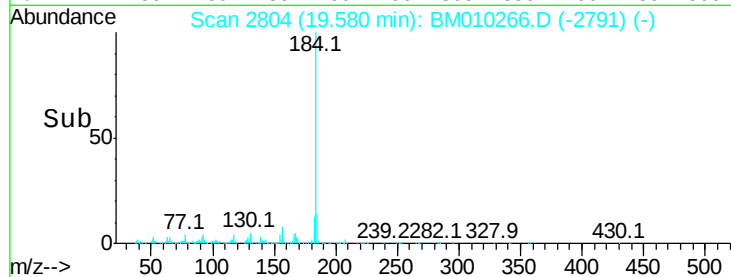
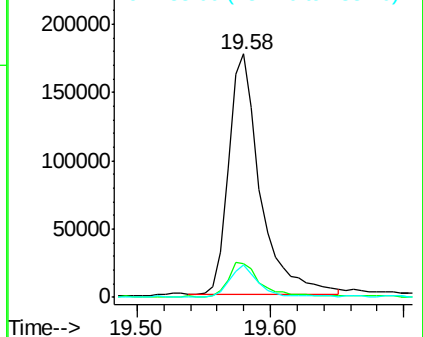
184 100

185 14.0 11.3 16.9

183 13.2 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

Pyrene

Concen: 47.86 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.03 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

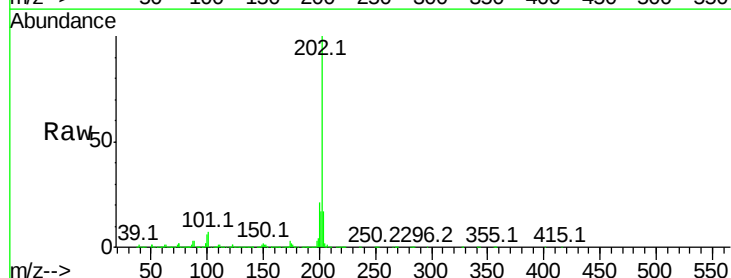
Tgt Ion:202 Resp: 2486298

Ion Ratio Lower Upper

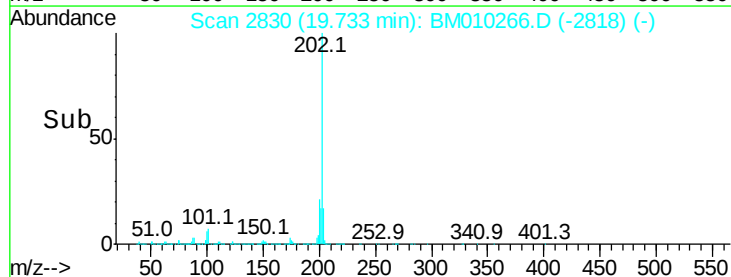
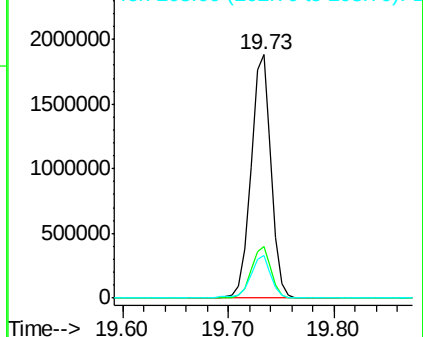
202 100

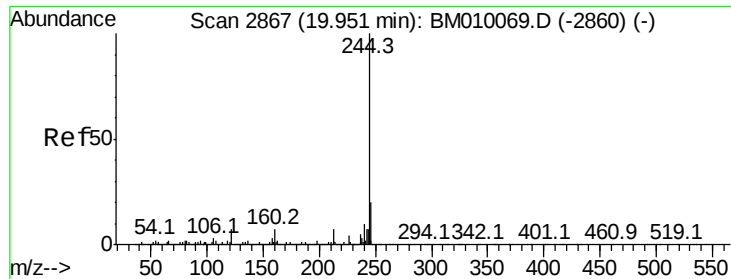
200 21.0 16.9 25.3

203 17.5 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 93.53 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.03 min

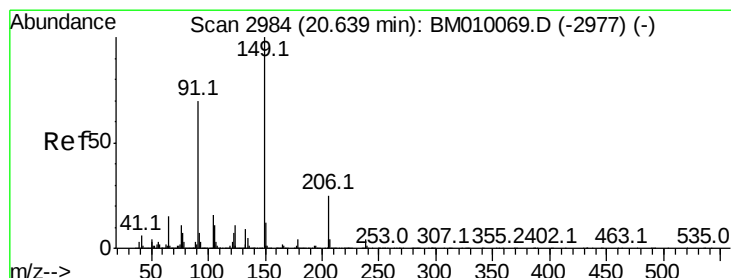
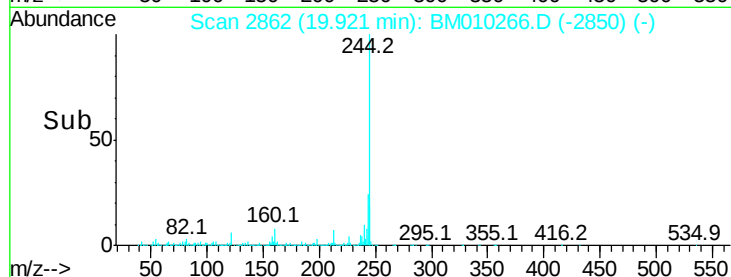
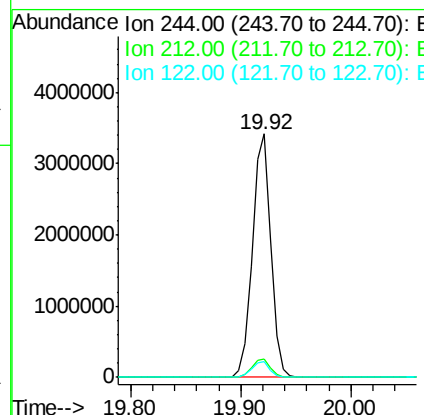
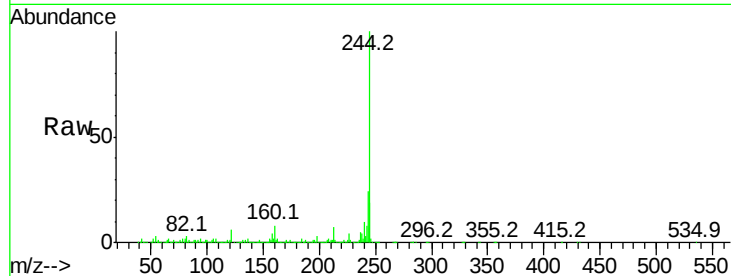
Lab File: BM010266.D

Acq: 26 May 2017 20:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:244 Resp: 3985508

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	6.3	6.2	9.4



#79

Butylbenzylphthalate

Concen: 47.35 ng

RT: 20.60 min Scan# 2978

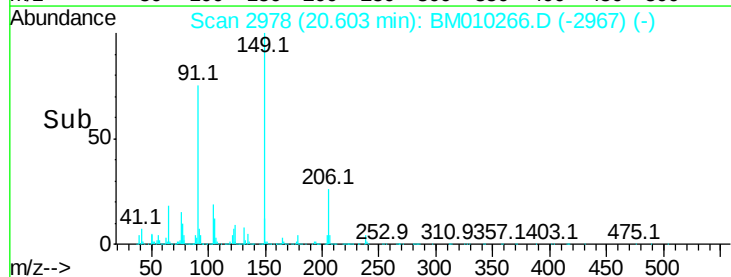
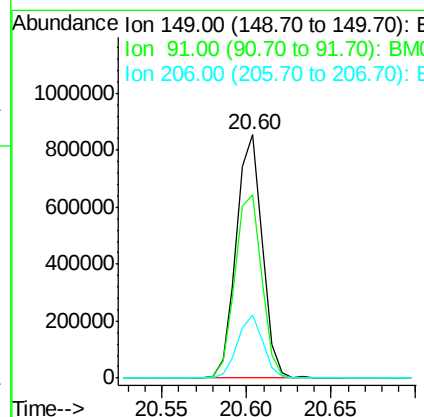
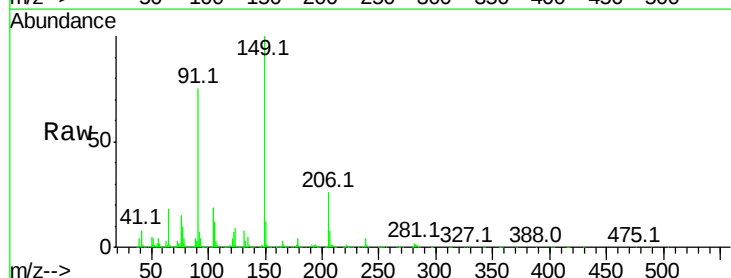
Delta R.T. -0.04 min

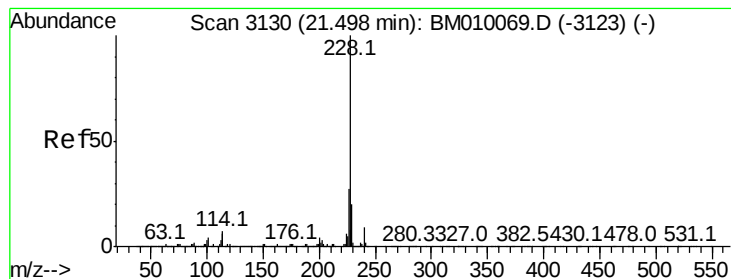
Lab File: BM010266.D

Acq: 26 May 2017 20:35

Tgt Ion:149 Resp: 910436

Ion	Ratio	Lower	Upper
149	100		
91	75.3	50.1	75.1#
206	25.8	16.2	24.2#





#80

Benzo(a)anthracene

Concen: 51.21 ng

RT: 21.46 min Scan# 3124

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

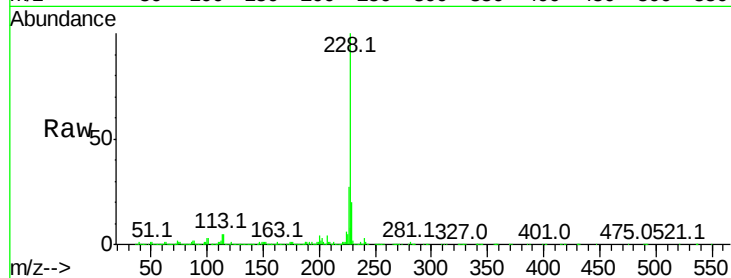
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 2734536

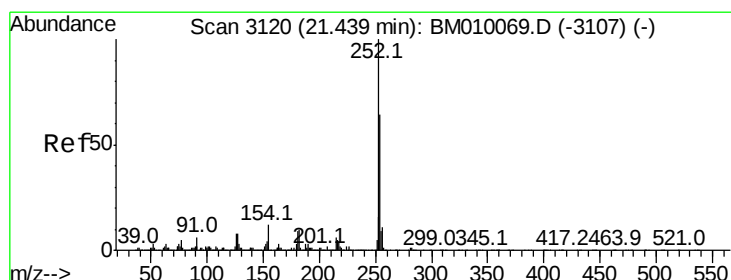
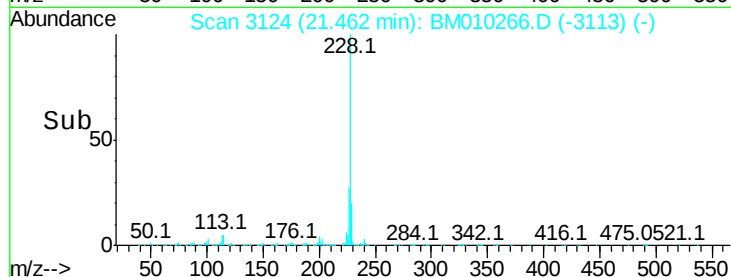
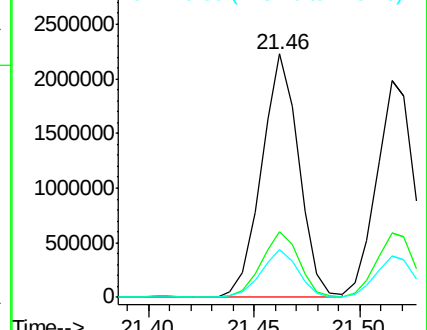
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	19.7	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 41.44 ng

RT: 21.41 min Scan# 3115

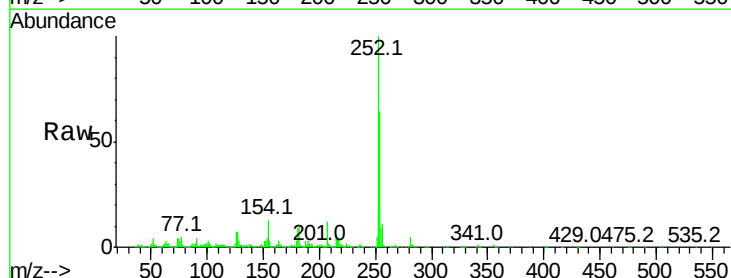
Delta R.T. -0.03 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Tgt Ion:252 Resp: 890207

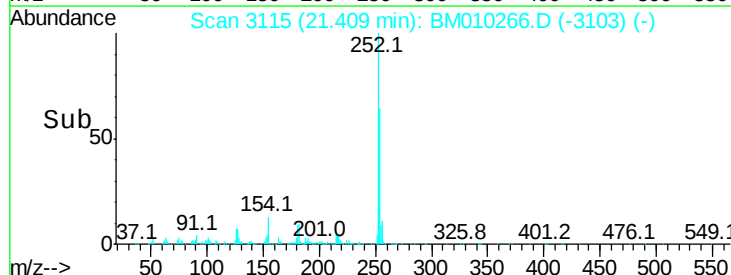
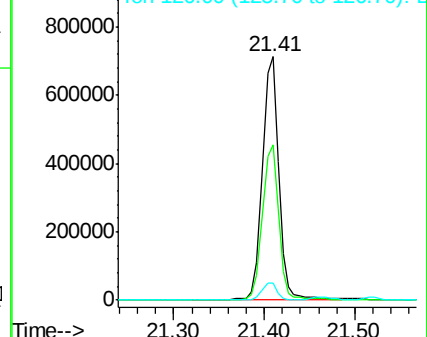
Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.9	77.9
126	6.9	9.8	14.8

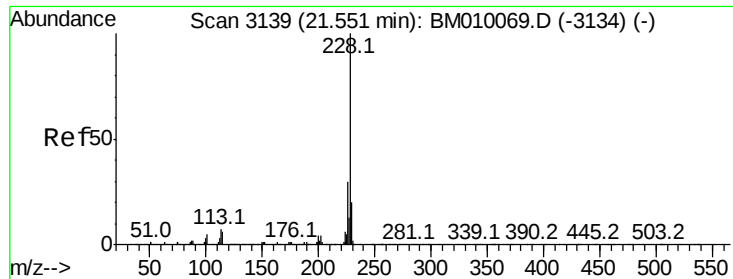


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 48.04 ng

RT: 21.52 min Scan# 3133

Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

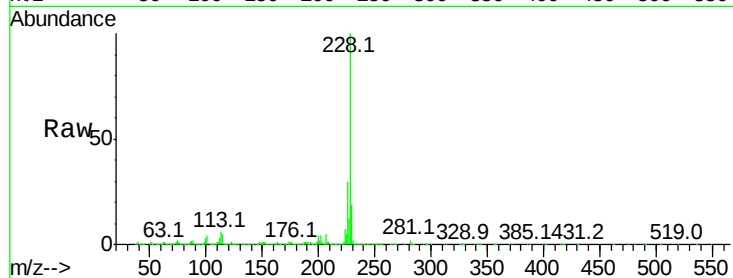
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 2432993

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	19.3	15.5	23.3

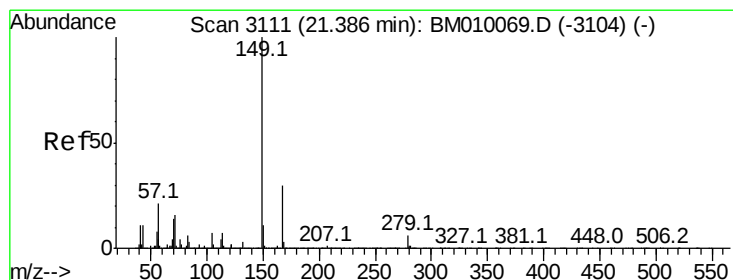
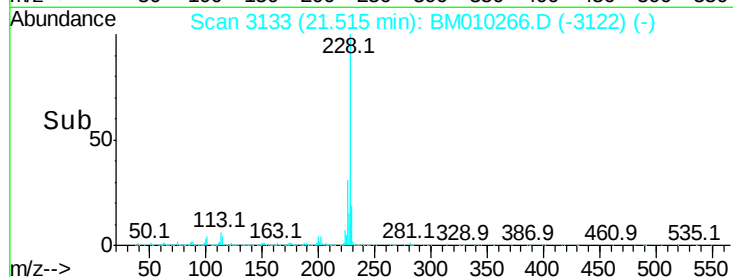
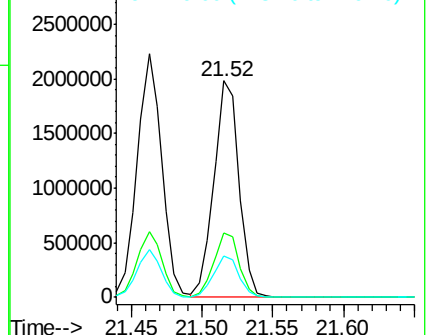


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 46.93 ng

RT: 21.34 min Scan# 3104

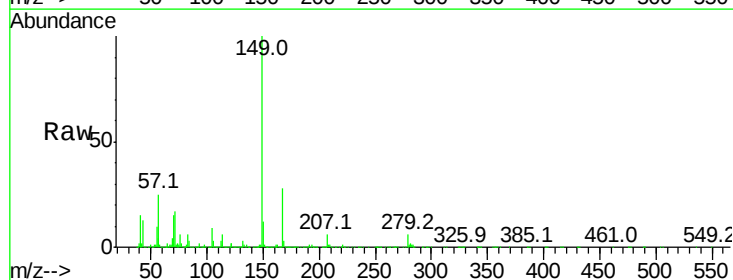
Delta R.T. -0.04 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Tgt Ion:149 Resp: 1349457

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.4	33.6
279	5.6	3.4	5.0

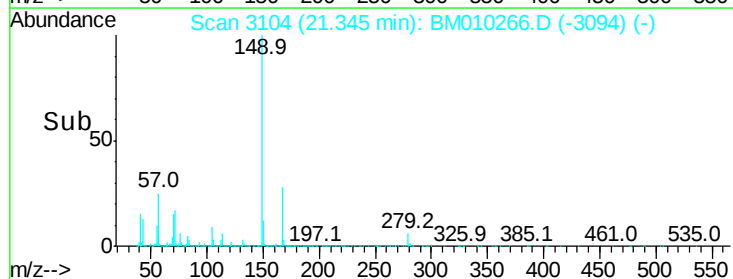
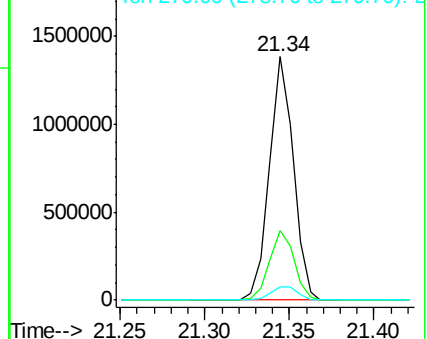


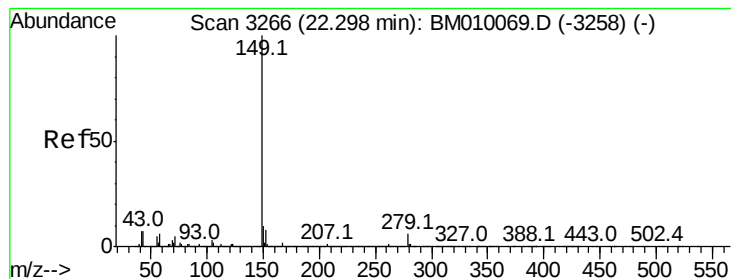
Abundance

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: 46.81 ng

RT: 22.25 min Scan# 3258

Delta R.T. -0.05 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampled :

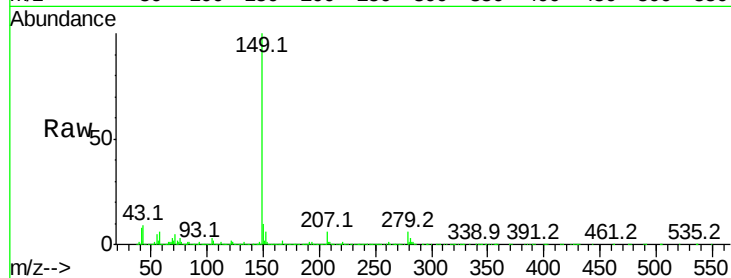
Tot Ion:149 Resp: 2410080

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

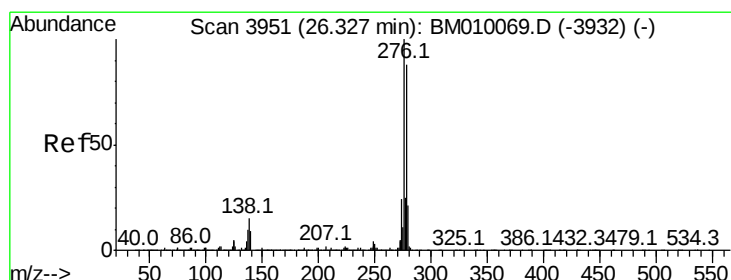
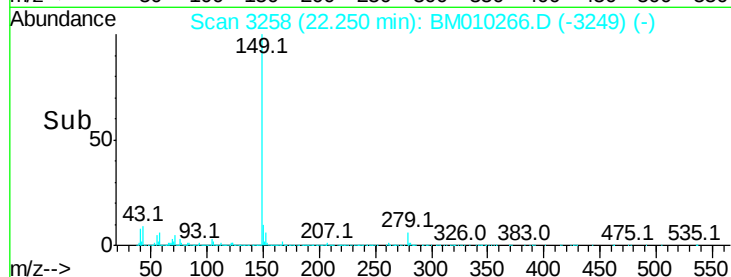
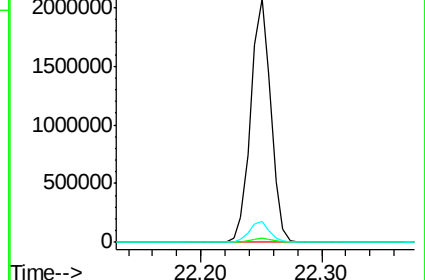
43 8.6 7.3 10.9



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: 52.20 ng

RT: 26.24 min Scan# 3937

Delta R.T. -0.08 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

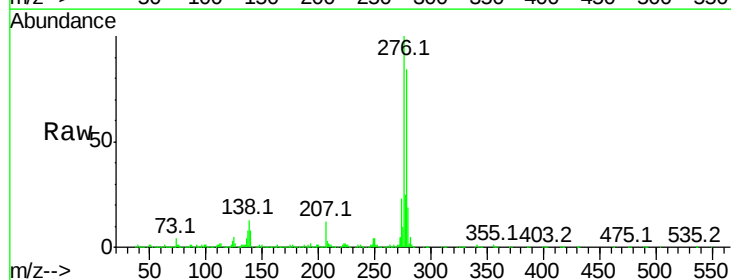
Tgt Ion:276 Resp: 3877098

Ion Ratio Lower Upper

276 100

138 12.8 0.0 0.0#

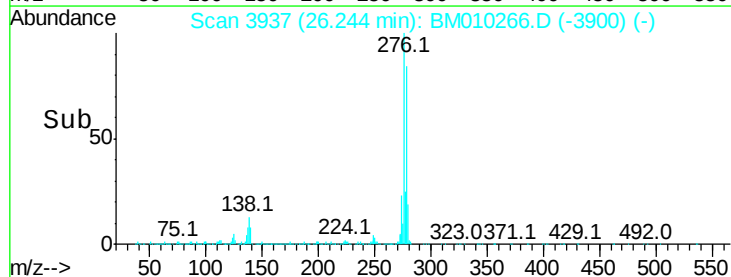
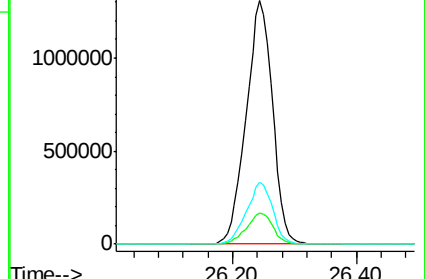
277 25.0 0.0 0.0#

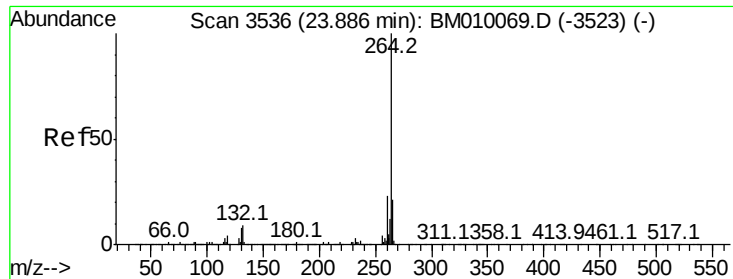


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



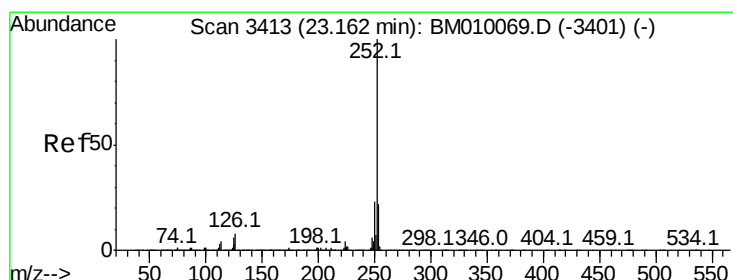
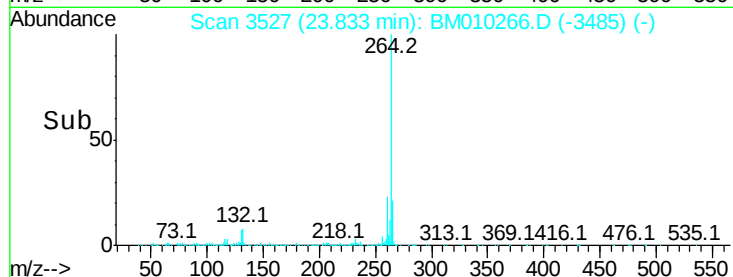
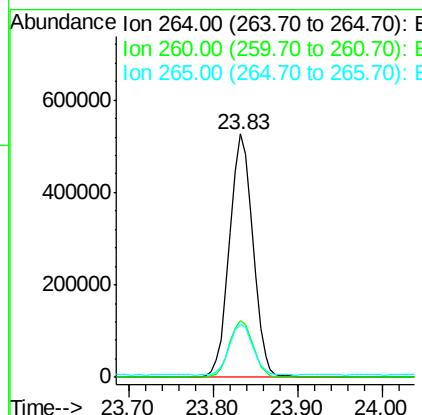
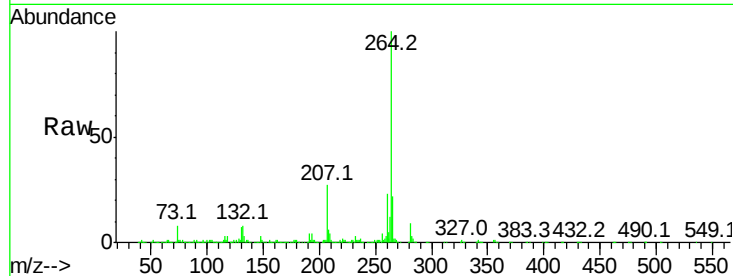


#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.83 min Scan# 3527
Delta R.T. -0.05 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1007502

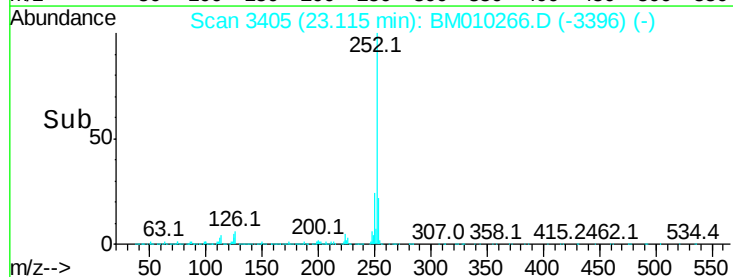
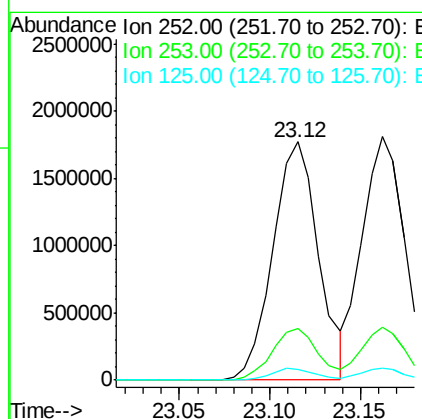
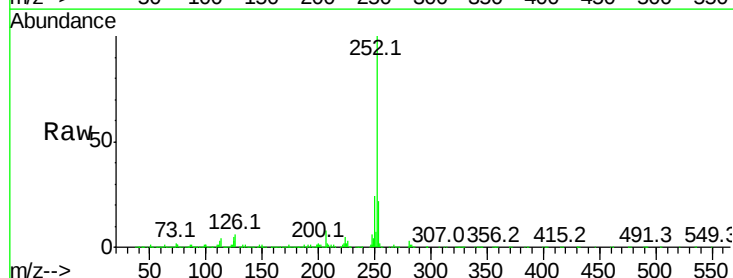
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	22.0	17.3	25.9

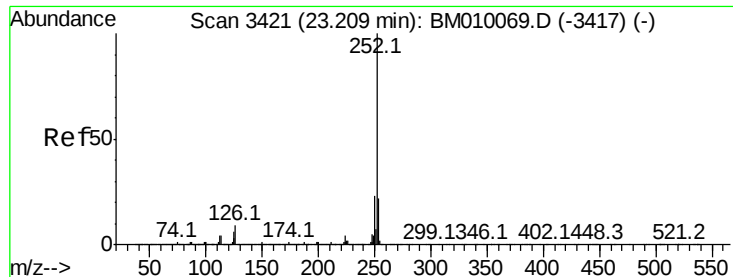


#87
Benzo(b)fluoranthene
Concen: 52.70 ng
RT: 23.12 min Scan# 3405
Delta R.T. -0.05 min
Lab File: BM010266.D
Acq: 26 May 2017 20:35

Tgt Ion:252 Resp: 3107638

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	4.7	9.9	14.9





#88

Benzo(k)fluoranthene

Concen: 51.02 ng

RT: 23.16 min Scan# 3413

Delta R.T. -0.05 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Instrument :

BNA_M

ClientSampleId :

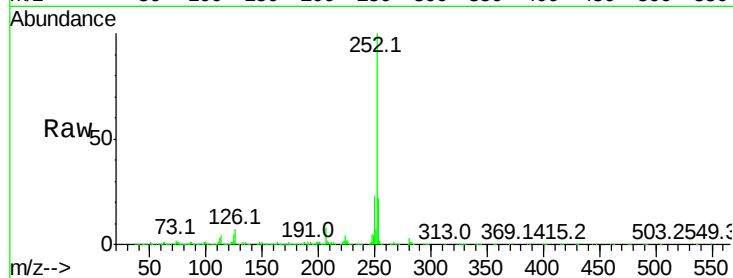
Tot Ion:252 Resp: 2947549

Ion Ratio Lower Upper

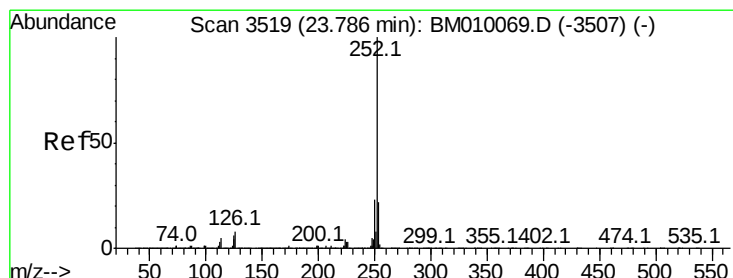
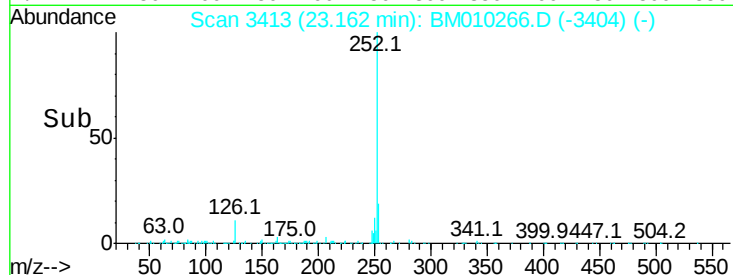
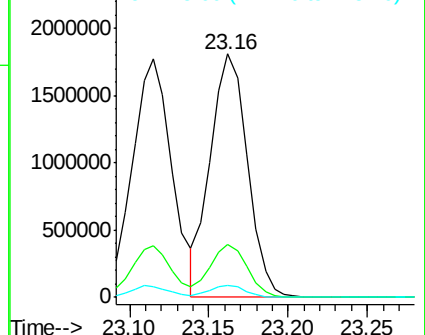
252 100

253 21.9 17.2 25.8

125 4.8 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: 52.56 ng

RT: 23.73 min Scan# 3510

Delta R.T. -0.05 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

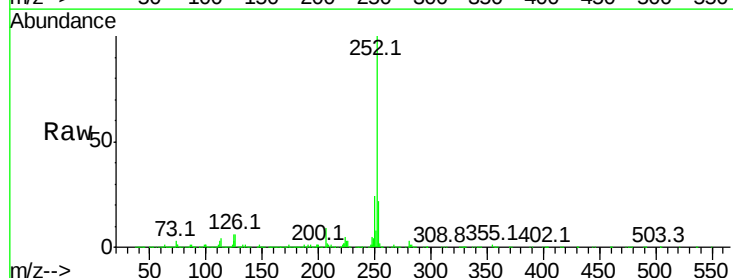
Tgt Ion:252 Resp: 2953048

Ion Ratio Lower Upper

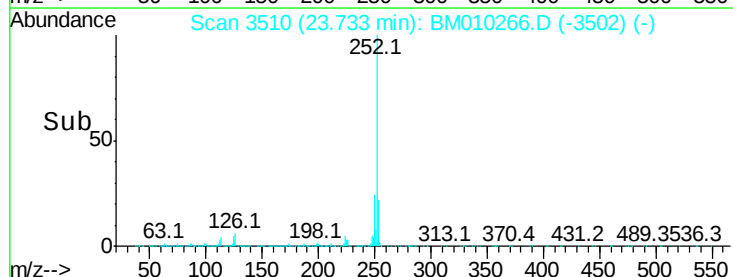
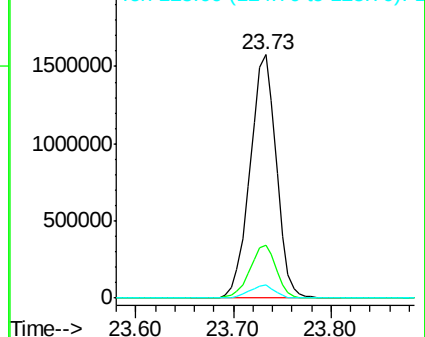
252 100

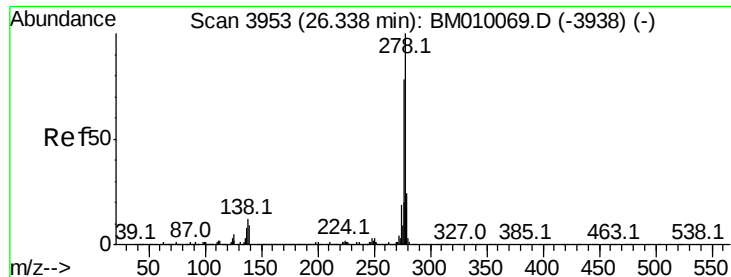
253 21.8 17.6 26.4

125 5.5 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 51.22 ng

RT: 26.26 min Scan# 3939

Delta R.T. -0.08 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

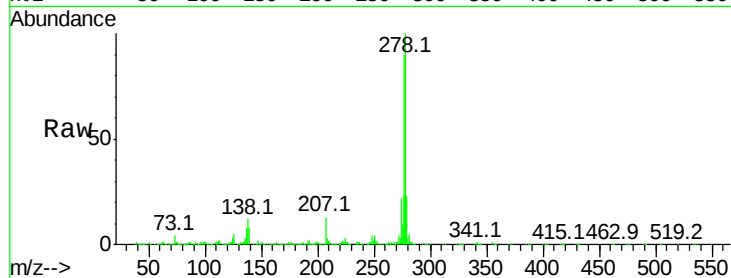
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 3218350

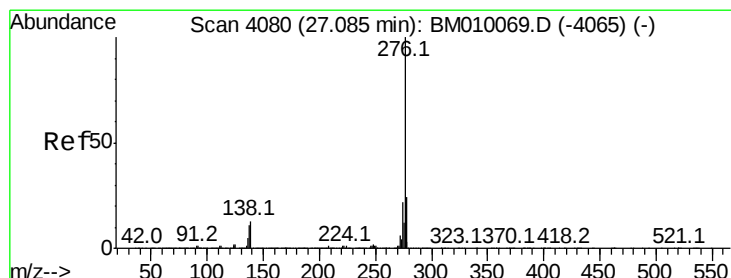
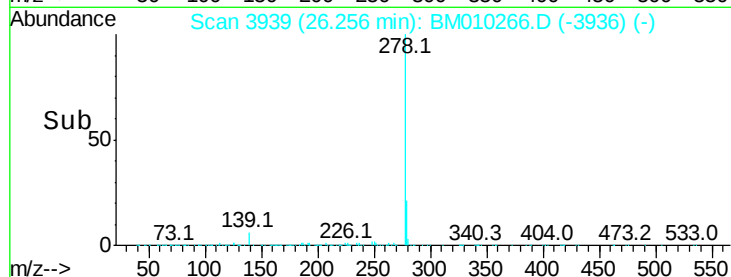
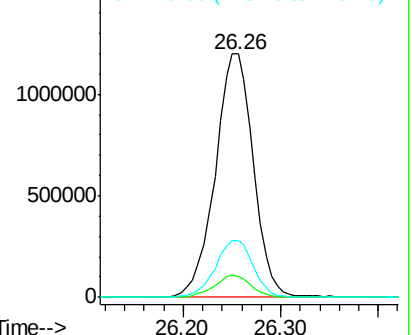
Ion	Ratio	Lower	Upper
278	100		
139	8.4	13.4	20.0#
279	23.3	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 50.93 ng

RT: 27.00 min Scan# 4065

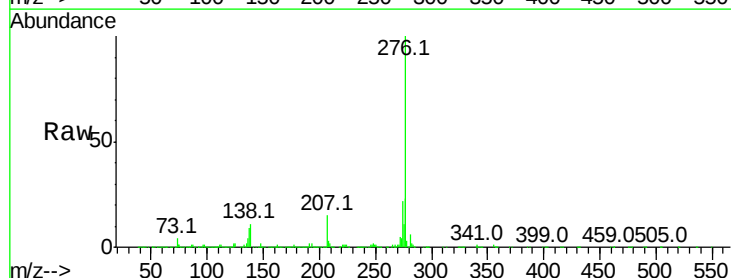
Delta R.T. -0.09 min

Lab File: BM010266.D

Acq: 26 May 2017 20:35

Tgt Ion:276 Resp: 3135220

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.5	27.7
138	10.5	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

