

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010264.D
 Acq On : 26 May 2017 19:23
 Operator : SJ/MA
 Sample : I3306-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 26 23:34:37 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	99519	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	342158	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	231513	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	618014	20.00	ng	-0.04
75) Chrysene-d12	21.48	240	916328	20.00	ng	-0.03
86) Perylene-d12	23.83	264	958883	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	409769	74.36	ng	-0.04
7) Phenol-d6	7.12	99	286224	40.36	ng	-0.05
23) Nitrobenzene-d5	9.13	82	744388	117.38	ng	-0.04
41) 2,4,6-Tribromophenol	16.06	330	598052	170.08	ng	-0.04
44) 2-Fluorobiphenyl	13.19	172	1961915	108.94	ng	-0.04
78) Terphenyl-d14	19.92	244	3674727	91.19	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	441	0.17	ng	# 100
4) n-Nitrosodimethylamine	3.73	42	382	0.16	ng	# 1
8) 2-Chlorophenol	7.52	128	127	0.02	ng	# 1
9) Benzaldehyde	7.12	77	1626	0.37	ng	# 2
10) Phenol	7.15	94	3999	0.54	ng	# 70
14) 1,2-Dichlorobenzene	8.29	146	107	0.01	ng	# 1
15) Benzyl Alcohol	8.26	79	18330	3.42	ng	# 29
16) 2,2'-oxybis(1-Chloropropan	8.50	45	660	0.12	ng	# 66
19) n-Nitroso-di-n-propylamine	8.68	70	113	0.02	ng	# 37
20) 3+4-Methylphenols	8.73	107	1041	0.14	ng	# 45
22) Acetophenone	8.77	105	241	0.03	ng	# 52
24) Nitrobenzene	9.19	77	143	0.02	ng	# 42
25) Isophorone	9.69	82	765	0.07	ng	# 1
28) bis(2-Chloroethoxy)methane	10.15	93	393	0.06	ng	# 1
31) Naphthalene	10.79	128	2427	0.13	ng	# 69
32) Benzoic acid	9.99	122	5604	1.65	ng	# 85
35) Caprolactam	11.81	113	158	0.10	ng	# 47
36) 4-Chloro-3-methylphenol	12.05	107	330	0.05	ng	# 14
37) 2-Methylnaphthalene	12.40	142	1502	0.11	ng	# 78
45) 1,1'-Biphenyl	13.41	154	2793	0.15	ng	# 78
47) 2-Nitroaniline	13.69	65	1047	0.26	ng	# 28
48) Acenaphthylene	14.30	152	869	0.04	ng	# 1
49) Dimethylphthalate	14.03	163	35257	1.71	ng	# 95
50) 2,6-Dinitrotoluene	14.19	165	1101	0.28	ng	# 83
51) Acenaphthene	14.63	154	230	0.02	ng	# 20
52) 3-Nitroaniline	14.53	138	464	0.13	ng	# 8
54) Dibenzofuran	14.97	168	718	0.03	ng	# 33
55) 4-Nitrophenol	14.82	139	851	0.29	ng	# 1
56) 2,4-Dinitrotoluene	14.96	165	1126	0.20	ng	# 9
57) Fluorene	15.62	166	905	0.05	ng	# 77
59) Diethylphthalate	15.38	149	11302	0.58	ng	# 89
60) 4-Chlorophenyl-phenylether	15.61	204	429	0.04	ng	# 1
61) 4-Nitroaniline	15.67	138	107	0.03	ng	# 11
62) Azobenzene	15.90	77	814	0.06	ng	# 55

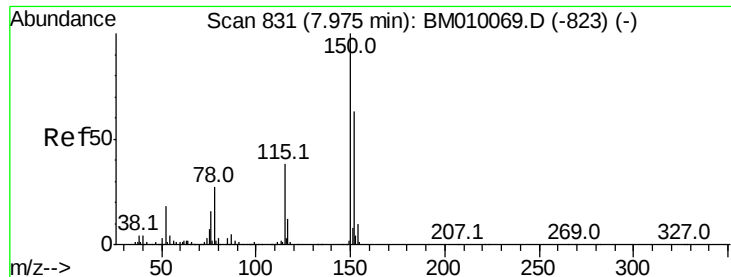
Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010264.D
 Acq On : 26 May 2017 19:23
 Operator : SJ/MA
 Sample : I3306-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 26 23:34:37 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)
64) 4,6-Dinitro-2-methylphenol	15.72	198	127	0.03	nq	# 1
65) n-Nitrosodiphenylamine	15.80	169	10318	0.56	nq	# 32
68) Atrazine	16.79	200	373	0.05	nq	# 16
69) Pentachlorophenol	16.97	266	140	0.03	nq	# 19
70) Phenanthrene	17.36	178	1407	0.04	nq	# 1
71) Anthracene	17.50	178	10692	0.31	nq	# 1
72) Carbazole	17.74	167	1531	0.05	nq	# 1
73) Di-n-butylphthalate	18.25	149	8115	0.23	nq	# 88
74) Fluoranthene	19.36	202	2233	0.05	nq	# 73
76) Benzidine	19.59	184	389	0.02	nq	# 31
77) Pyrene	19.73	202	8819	0.18	nq	# 70
79) Butylbenzylphthalate	20.60	149	597	0.03	nq	# 91
80) Benzo(a)anthracene	21.46	228	6407	0.13	nq	# 80
81) 3,3'-Dichlorobenzidine	21.41	252	4456	0.22	nq	# 70
82) Chrysene	21.52	228	3060	0.06	nq	# 89
83) Bis(2-ethylhexyl)phthalate	21.34	149	3444	0.13	nq	# 94
84) Di-n-octyl phthalate	22.26	149	1012	0.02	nq	# 1
85) Indeno(1,2,3-cd)pyrene	26.34	276	1016	0.01	nq	# 100
87) Benzo(b)fluoranthene	23.10	252	2661	0.05	nq	# 41
88) Benzo(k)fluoranthene	23.17	252	4486	0.08	nq	# 17
89) Benzo(a)pyrene	23.73	252	2628	0.05	nq	# 1
90) Dibenzo(a,h)anthracene	26.27	278	11252	0.19	nq	# 76
91) Benzo(g,h,i)perylene	27.05	276	546	0.01	nq	# 50

(#) = 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: BM010264.D

Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampled :

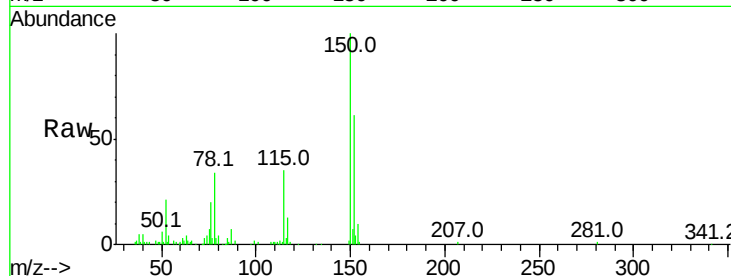
Tot Ion:152 Resp: 99519

Ion Ratio Lower Upper

152 100

150 163.5 119.5 179.3

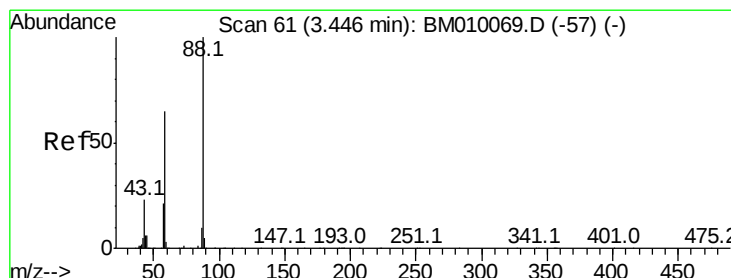
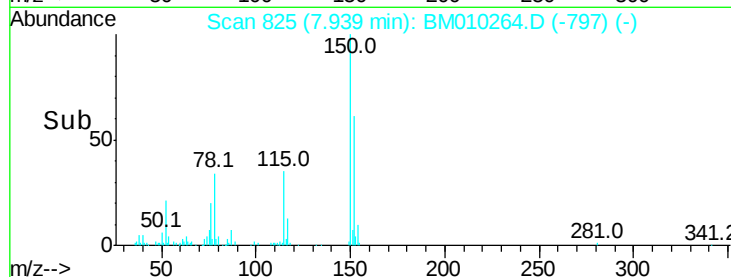
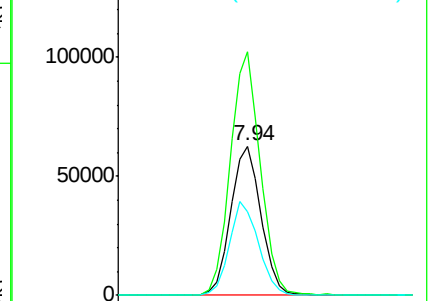
115 56.5 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.17 ng

RT: 3.43 min Scan# 59

Delta R.T. -0.01 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

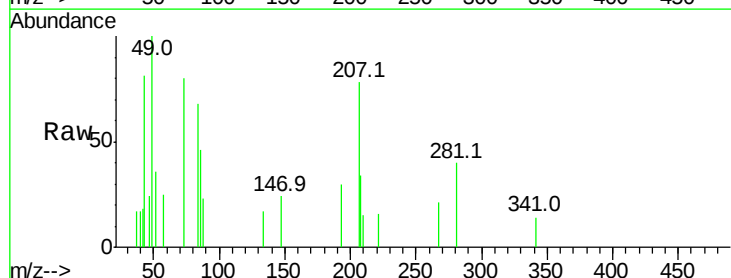
Tgt Ion: 88 Resp: 441

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

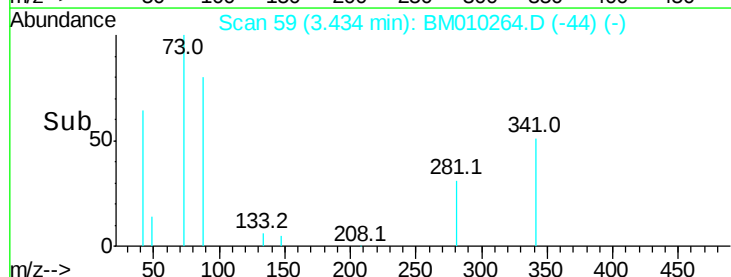
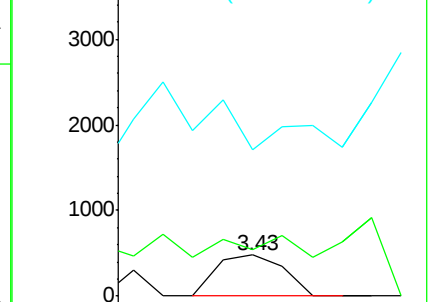
43 0.0 0.0 0.0

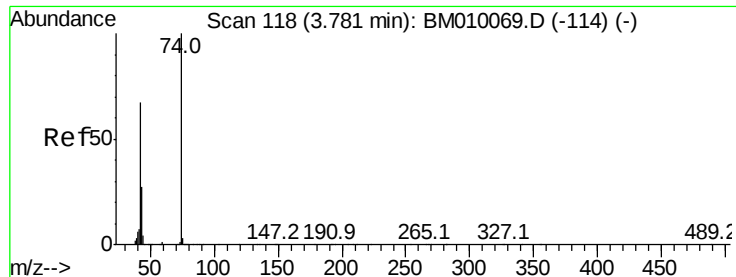


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#4

n-Nitrosodimethylamine

Concen: 0.16 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.05 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampled :

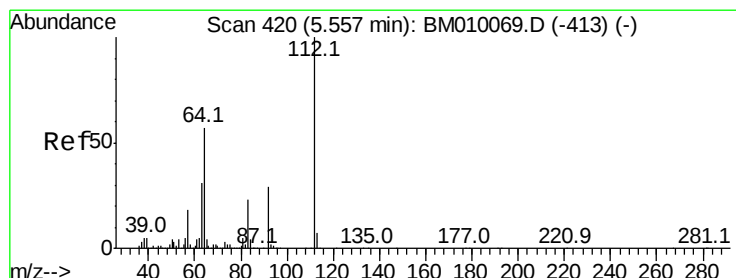
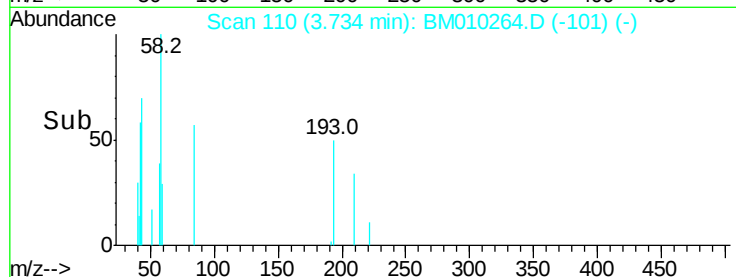
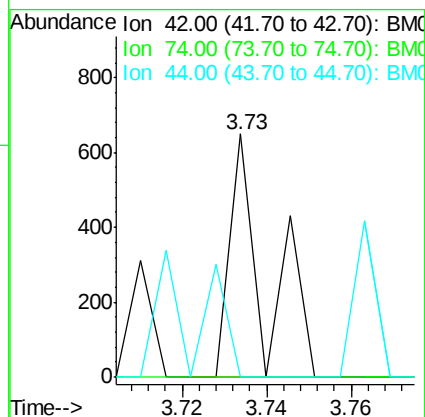
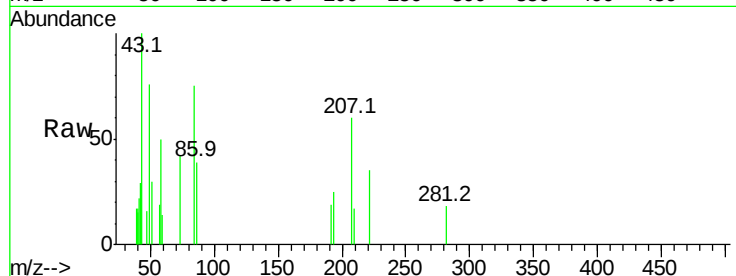
Tot Ion: 42 Resp: 382

Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

44 0.0 5.4 8.2#



#5

2-Fluorophenol

Concen: 74.36 ng

RT: 5.52 min Scan# 414

Delta R.T. -0.04 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

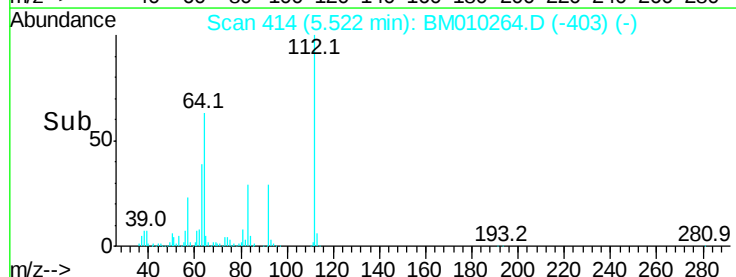
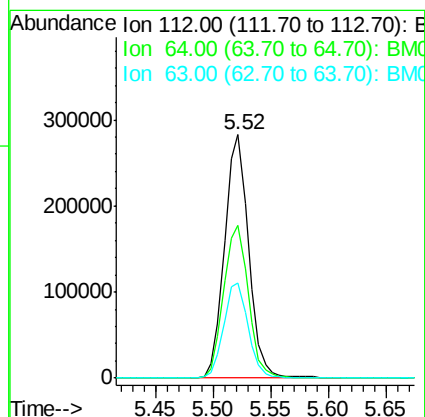
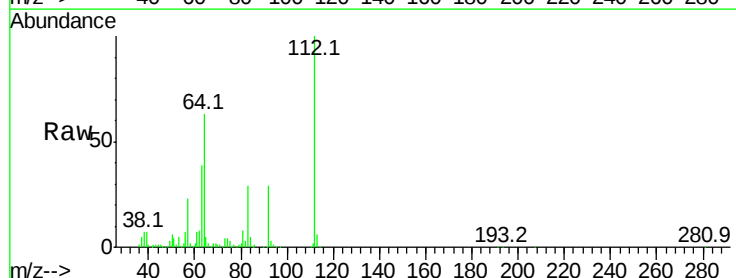
Tgt Ion: 112 Resp: 409769

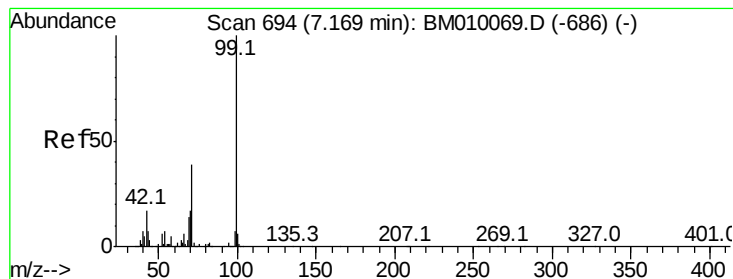
Ion Ratio Lower Upper

112 100

64 62.6 38.6 57.8#

63 38.9 19.3 28.9#





#7

Phenol-d6

Concen: 40.36 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.05 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampled :

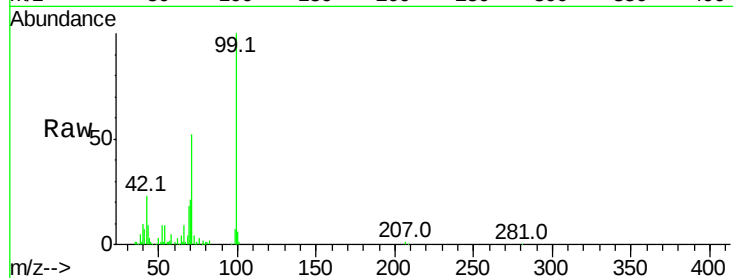
Tot Ion: 99 Resp: 286224

Ion Ratio Lower Upper

99 100

42 22.6 11.0 16.4#

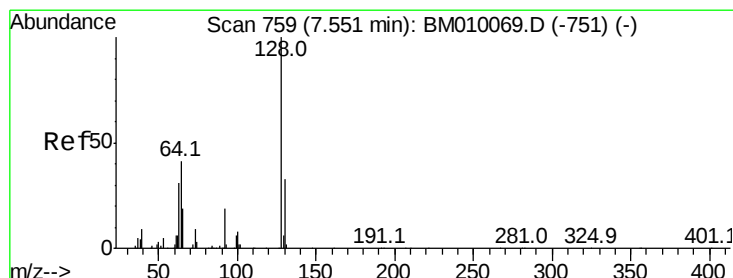
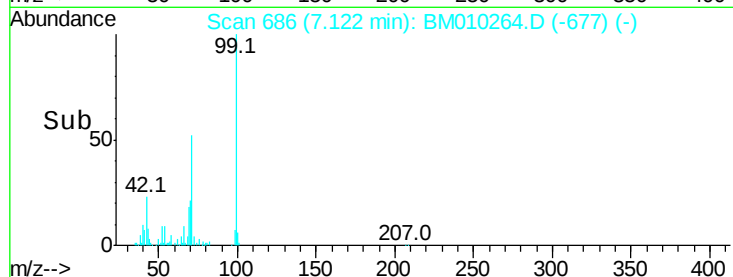
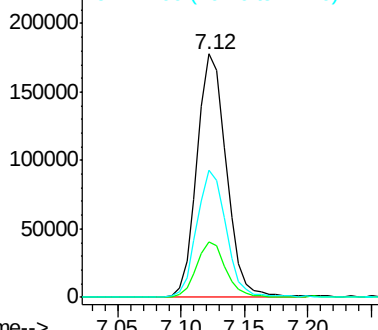
71 52.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#8

2-Chlorophenol

Concen: 0.02 ng

RT: 7.52 min Scan# 753

Delta R.T. -0.04 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

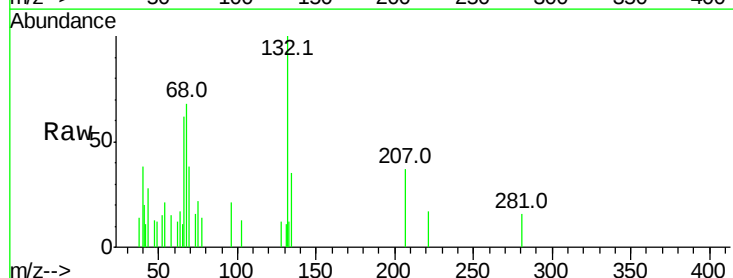
Tgt Ion: 128 Resp: 127

Ion Ratio Lower Upper

128 100

130 0.0 12.0 52.0#

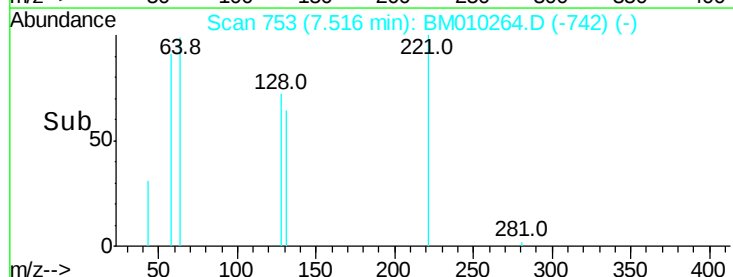
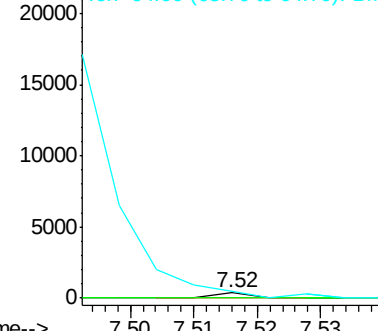
64 136.8 24.9 64.9#

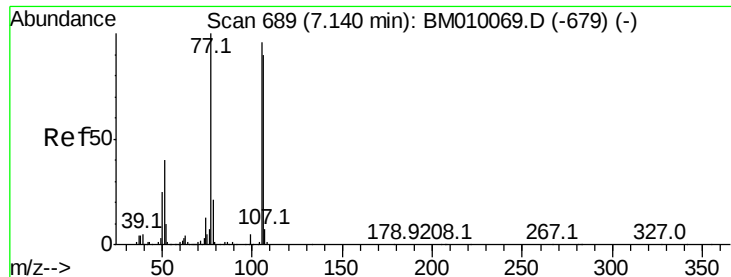


Abundance Ion 128.00 (127.70 to 128.70): BM010069.D (-751) (-)

Ion 130.00 (129.70 to 130.70): BM010069.D (-751) (-)

Ion 64.00 (63.70 to 64.70): BM010069.D (-751) (-)





#9

Benzaldehyde

Concen: 0.37 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.02 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampleId :

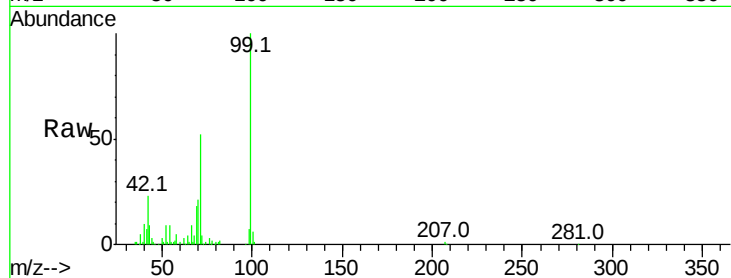
Tot Ion: 77 Resp: 1626

Ion Ratio Lower Upper

77 100

105 0.0 78.8 118.8#

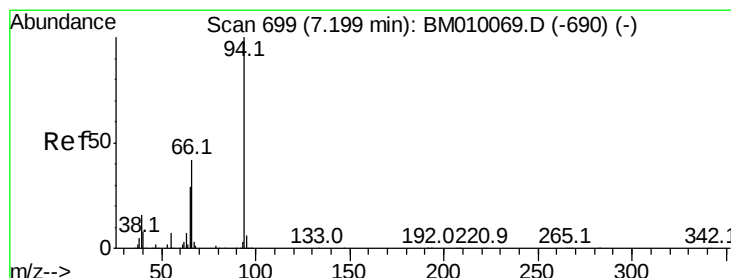
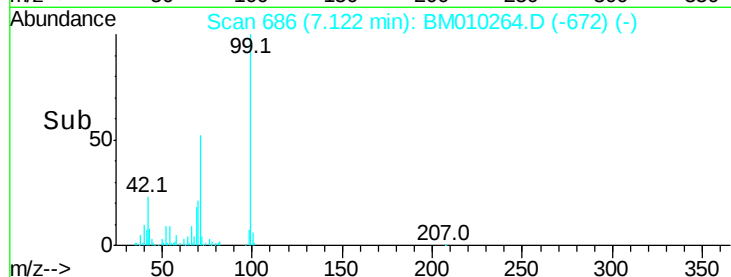
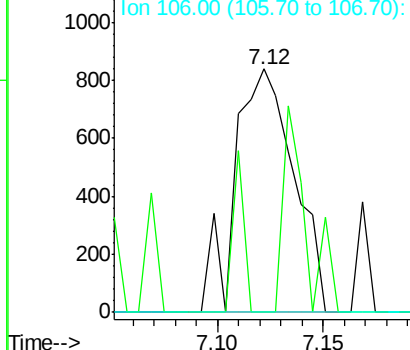
106 0.0 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM010069.D (-679) (-)

Ion 105.00 (104.70 to 105.70): BM010069.D (-679) (-)

Ion 106.00 (105.70 to 106.70): BM010069.D (-679) (-)



#10

Phenol

Concen: 0.54 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.05 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

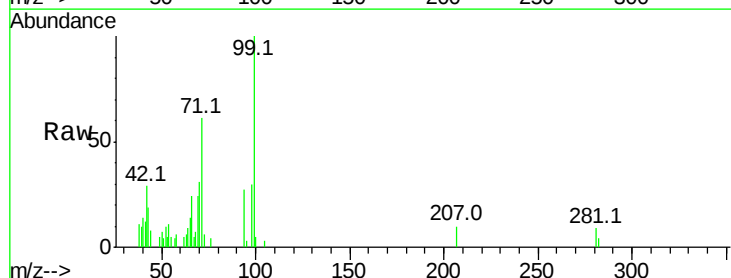
Tgt Ion: 94 Resp: 3999

Ion Ratio Lower Upper

94 100

65 49.9 18.8 58.8

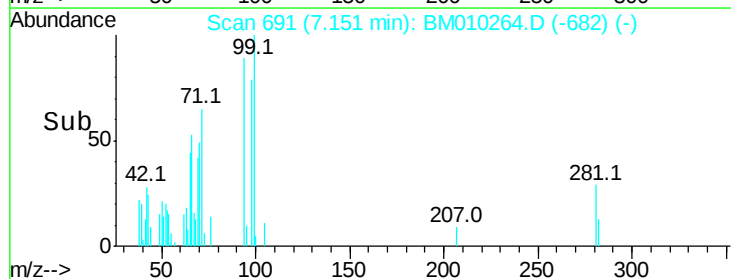
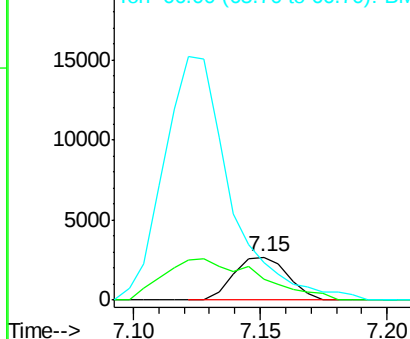
66 88.9 39.9 79.9#

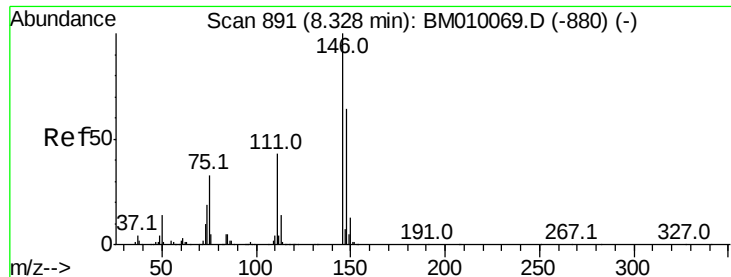


Abundance Ion 94.00 (93.70 to 94.70): BM010069.D (-690) (-)

Ion 65.00 (64.70 to 65.70): BM010069.D (-690) (-)

Ion 66.00 (65.70 to 66.70): BM010069.D (-690) (-)

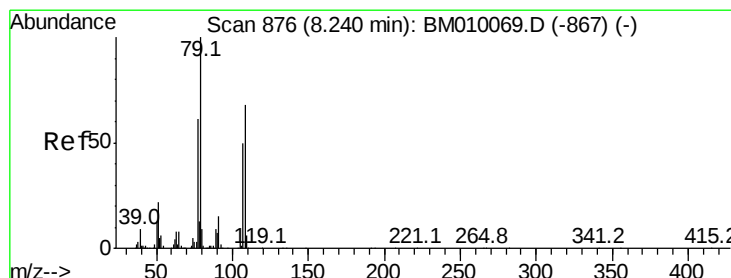
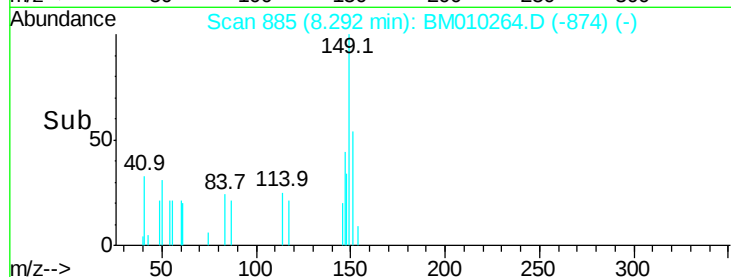
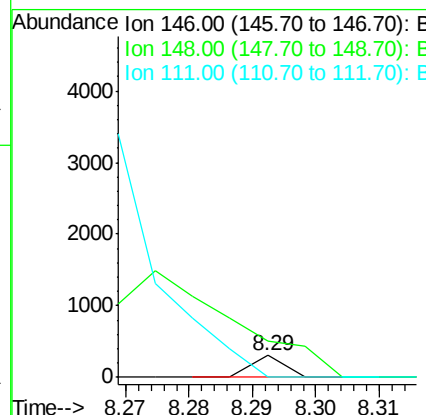
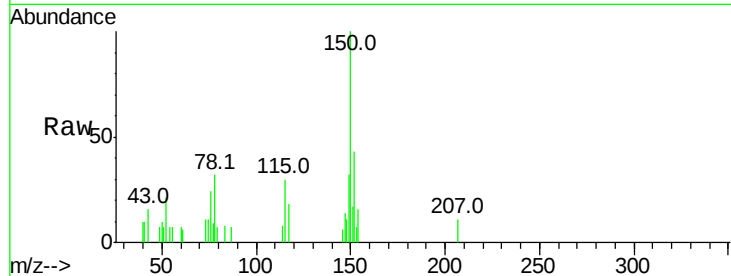




#14
 1,2-Dichlorobenzene
 Concen: 0.01 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BM010264.D
 Acq: 26 May 2017 19:23

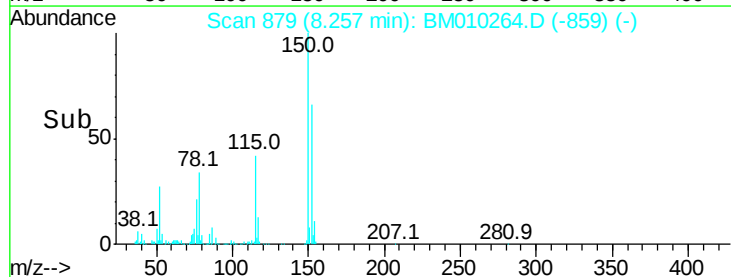
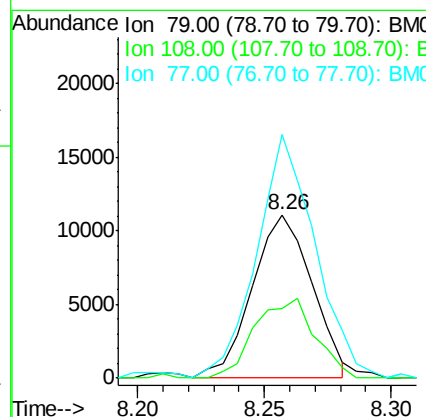
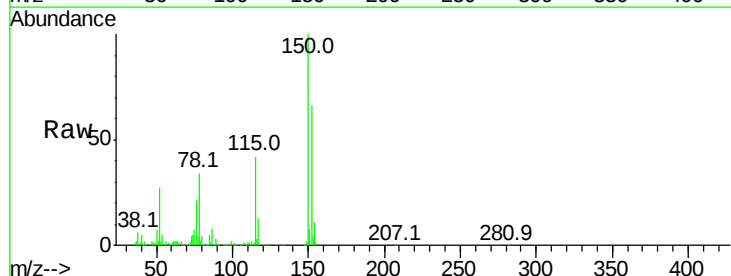
Instrument :
 BNA_M
 ClientSampleId :

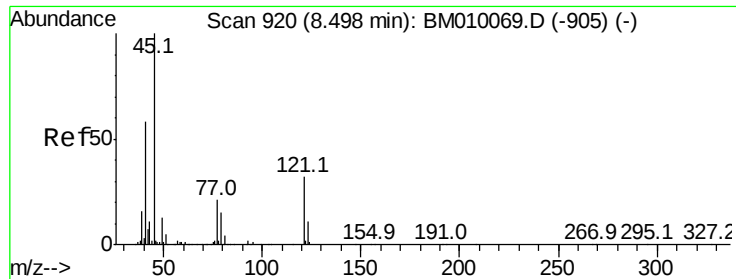
Tot Ion:146 Resp: 107
 Ion Ratio Lower Upper
 146 100
 148 170.0 52.3 78.5#
 111 0.0 30.6 45.8#



#15
 Benzyl Alcohol
 Concen: 3.42 ng
 RT: 8.26 min Scan# 879
 Delta R.T. 0.02 min
 Lab File: BM010264.D
 Acq: 26 May 2017 19:23

Tgt Ion: 79 Resp: 18330
 Ion Ratio Lower Upper
 79 100
 108 42.5 65.0 97.4#
 77 148.9 53.0 79.6#

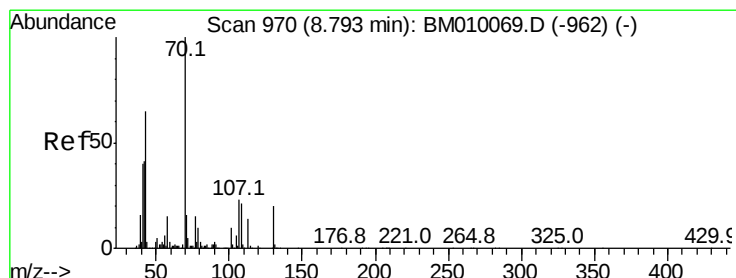
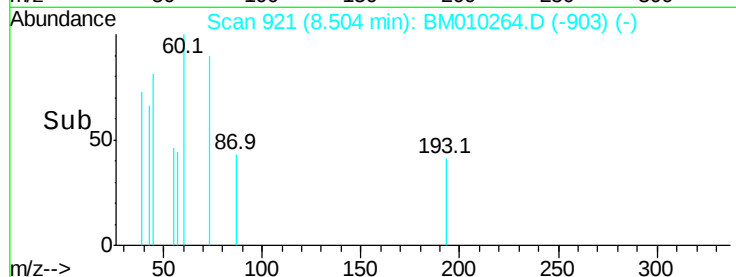
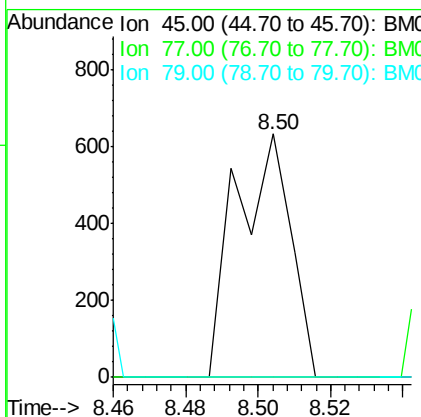
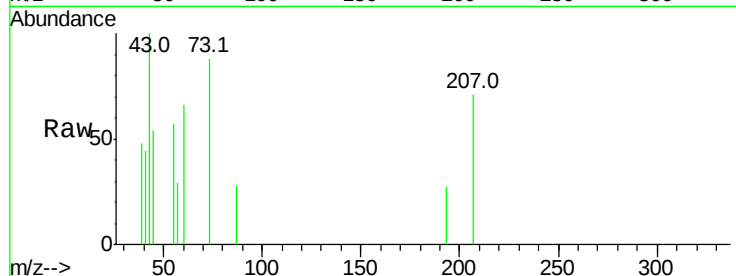




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 0.12 ng
 RT: 8.50 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BM010264.D
 Acq: 26 May 2017 19:23

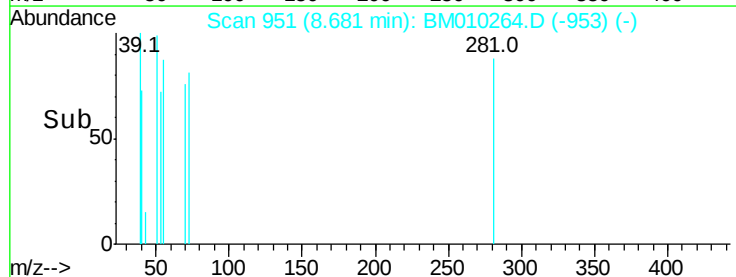
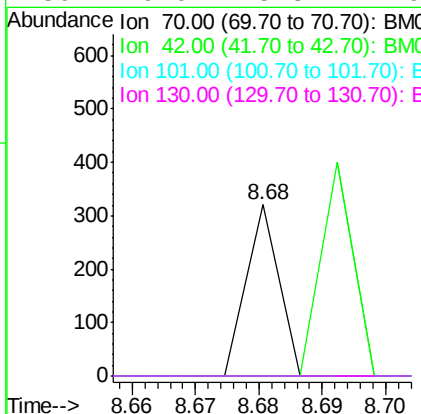
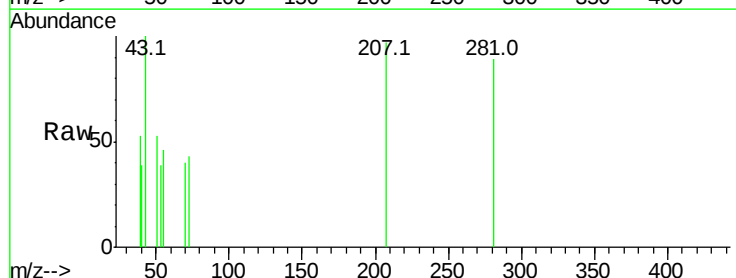
Instrument :
 BNA_M
 ClientSampled :

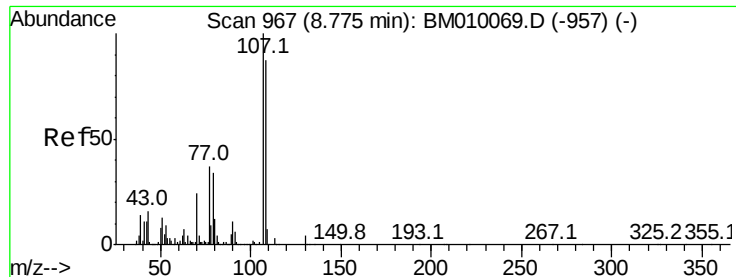
Tot Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	35.2
79	0.0	0.0	32.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 0.02 ng
 RT: 8.68 min Scan# 951
 Delta R.T. -0.11 min
 Lab File: BM010264.D
 Acq: 26 May 2017 19:23

Tgt Ion	Ratio	Lower	Upper
70	100		
42	0.0	44.5	66.7#
101	0.0	7.4	11.2#
130	0.0	15.3	22.9#





#20

3+4-Methylphenols

Concen: 0.14 ng

RT: 8.73 min Scan# 960

Delta R.T. -0.04 min

Lab File: BM010264.D

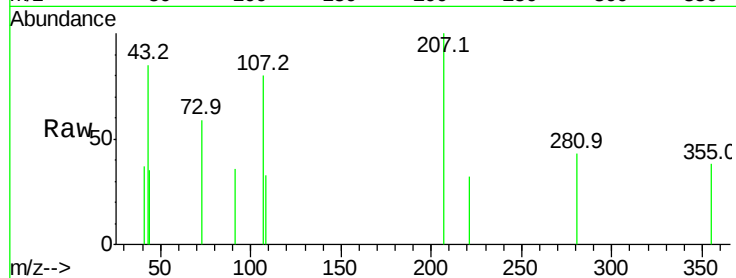
Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampled :

Tot Ion:	107	Resp:	1041
Ion	Ratio	Lower	Upper
107	100		
108	41.3	73.2	113.2#
77	0.0	10.7	50.7#
79	0.0	9.6	49.6#



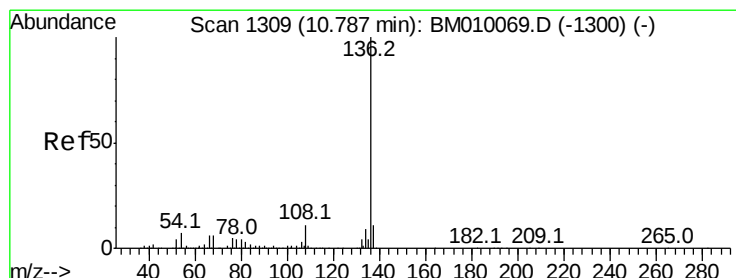
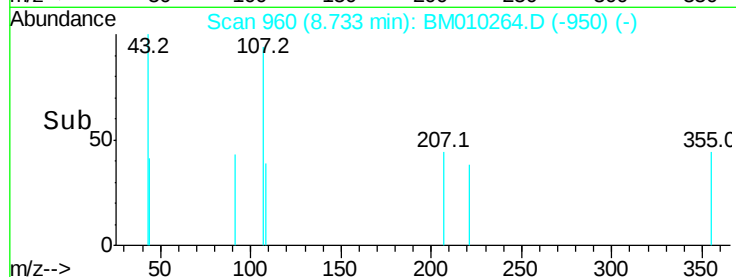
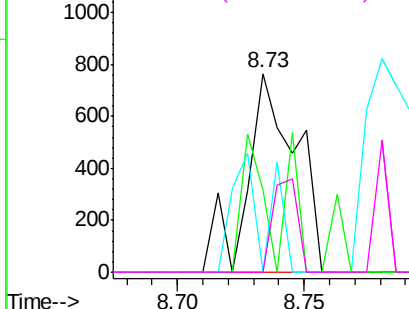
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#21

Naphthalene-d8

Concen: 20.00 ng

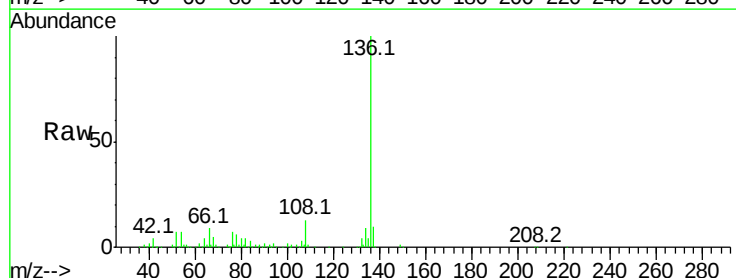
RT: 10.75 min Scan# 1302

Delta R.T. -0.04 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Tgt Ion:	136	Resp:	342158
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.7	4.6	6.8
68	5.3	3.7	5.5



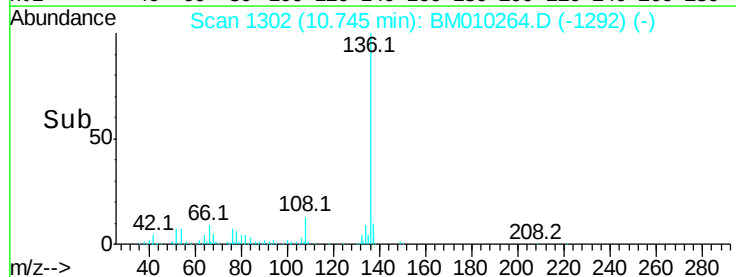
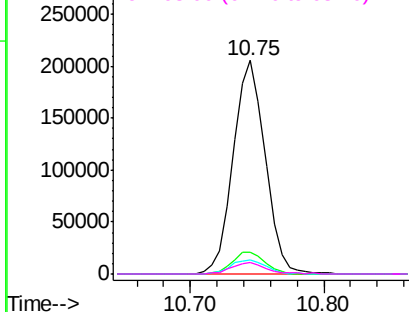
Abundance

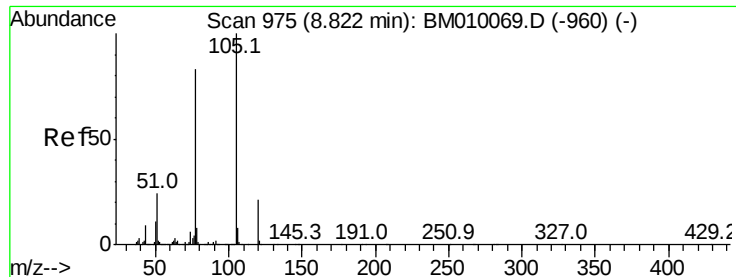
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0





#22

Acetophenone

Concen: 0.03 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.05 min

Lab File: BM010264.D

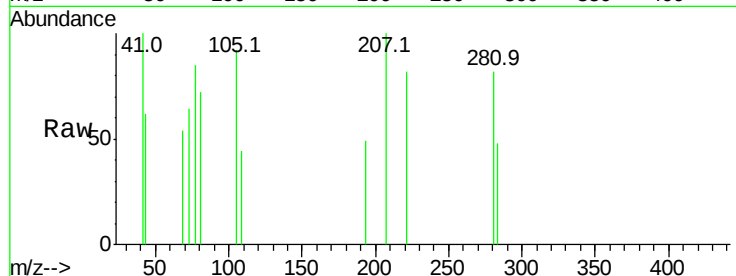
Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampled :

Tot Ion:	105	Resp:	241
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	0.0	21.6	32.4#
120	0.0	16.1	24.1#

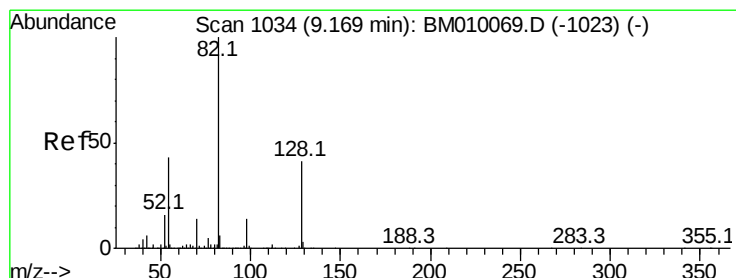
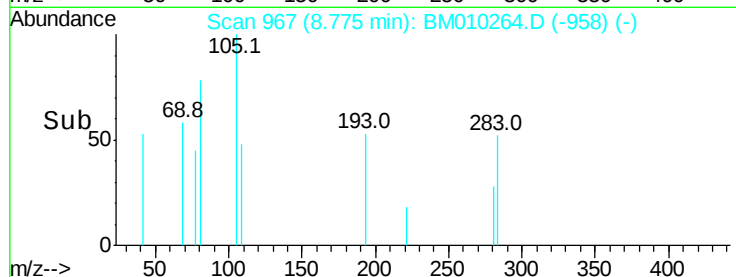
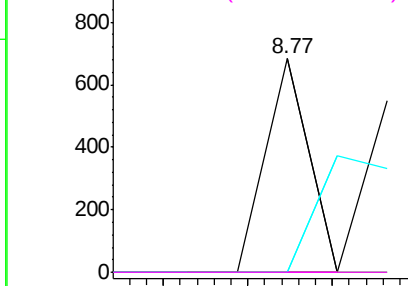


Abundance Ion 105.00 (104.70 to 105.70): E

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: 117.38 ng

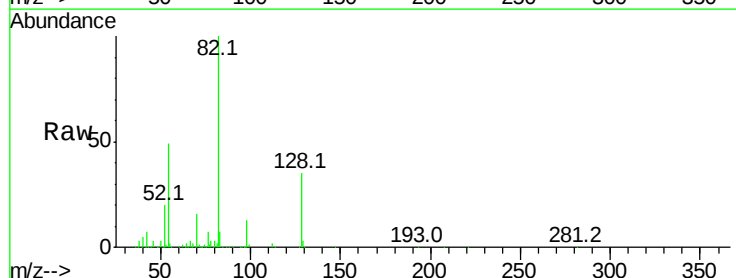
RT: 9.13 min Scan# 1027

Delta R.T. -0.04 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

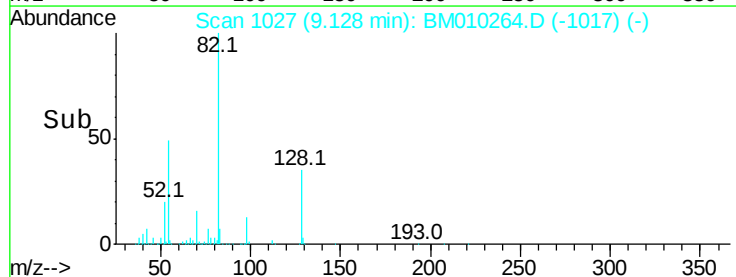
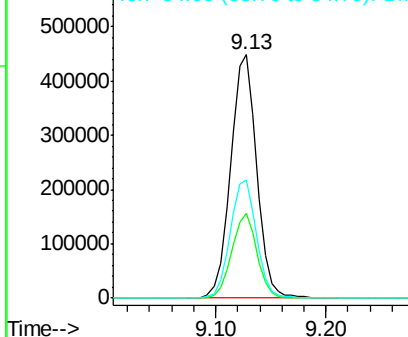
Tgt Ion:	82	Resp:	744388
Ion	Ratio	Lower	Upper
82	100		
128	34.8	32.8	49.2
54	48.6	40.6	60.8

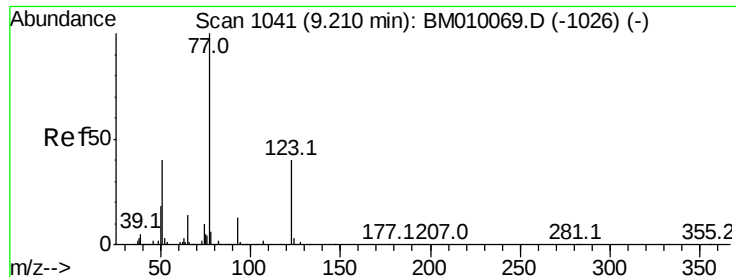


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0





#24

Nitrobenzene

Concen: 0.02 ng

RT: 9.19 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BM010264.D

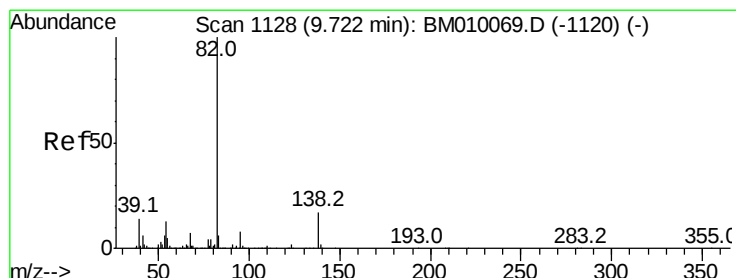
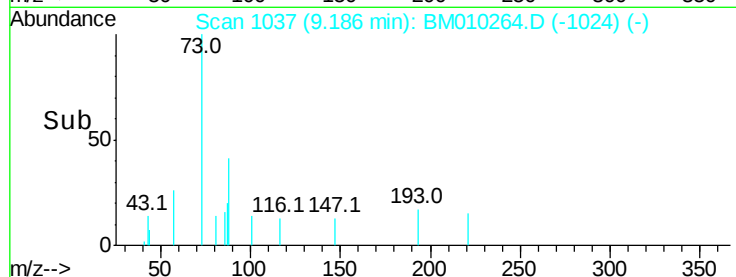
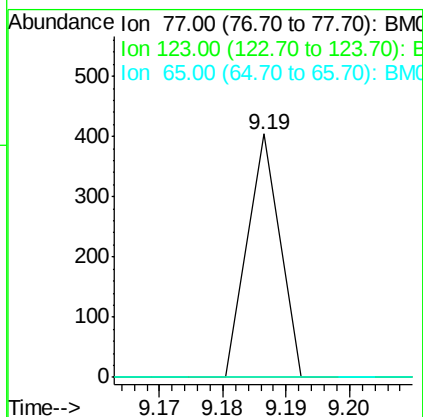
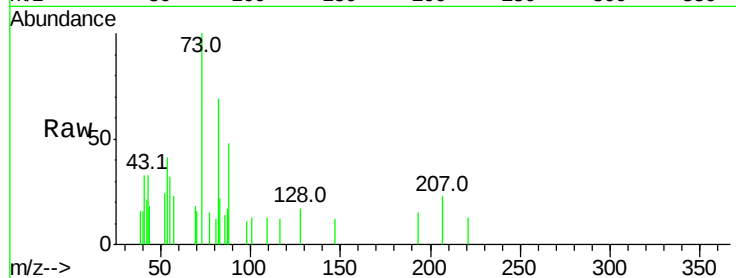
Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampled :

Tot Ion:	77	Resp:	143
Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	0.0	10.9	16.3#



#25

Isophorone

Concen: 0.07 ng

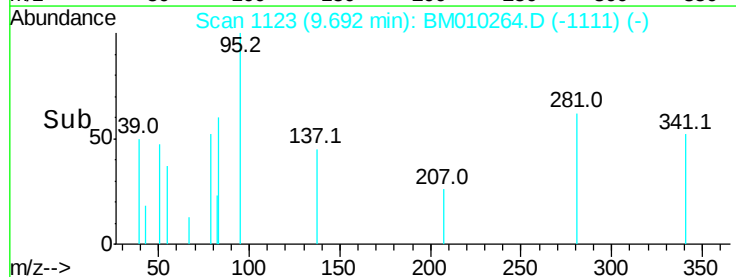
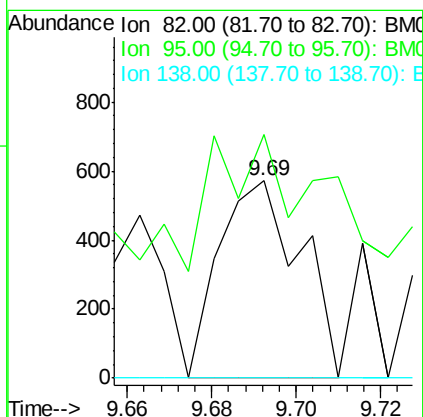
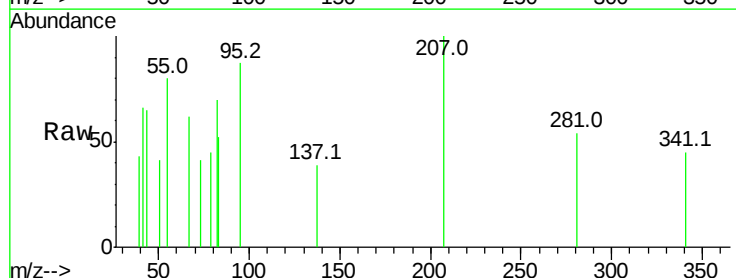
RT: 9.69 min Scan# 1123

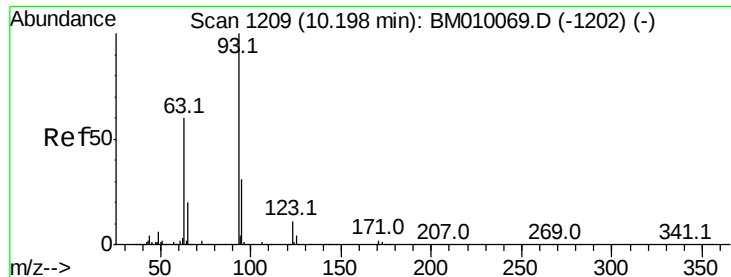
Delta R.T. -0.03 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Tgt Ion:	82	Resp:	765
Ion	Ratio	Lower	Upper
82	100		
95	123.4	5.8	8.6#
138	0.0	16.3	24.5#

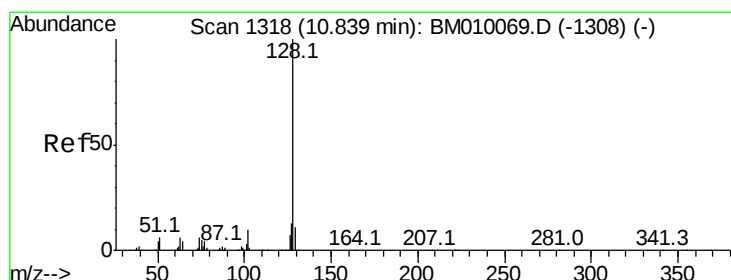
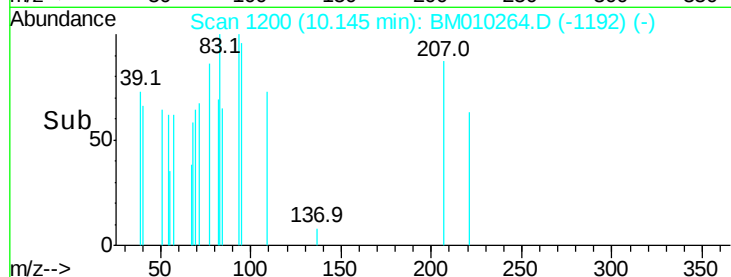
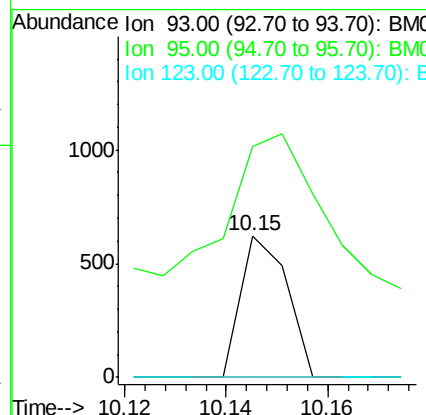
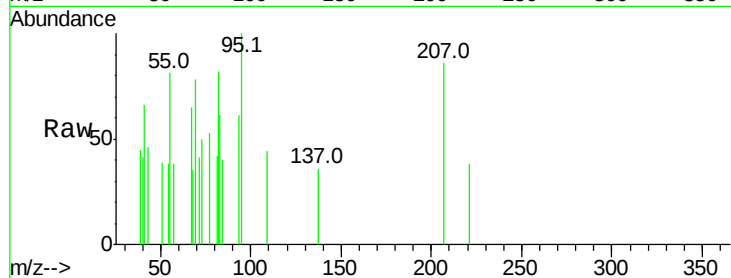




#28
bis(2-Chloroethoxy)methane
Concen: 0.06 ng
RT: 10.15 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BM010264.D
Acq: 26 May 2017 19:23

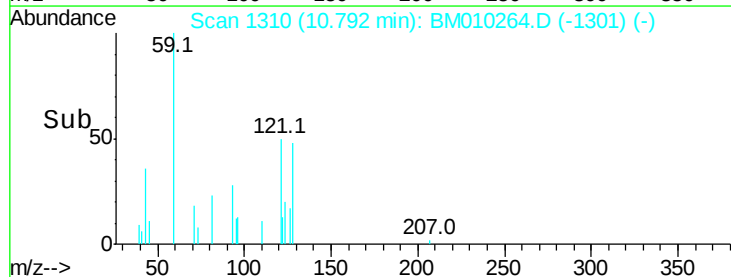
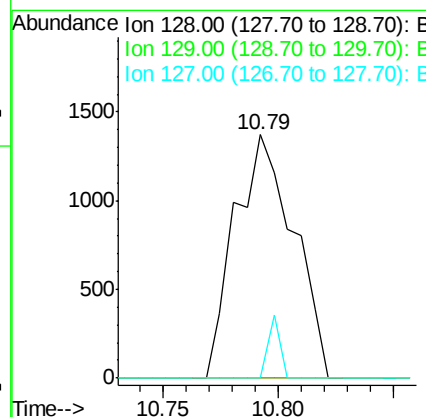
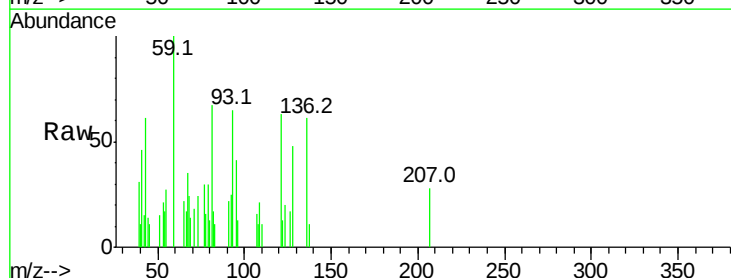
Instrument :
BNA_M
ClientSampleId :

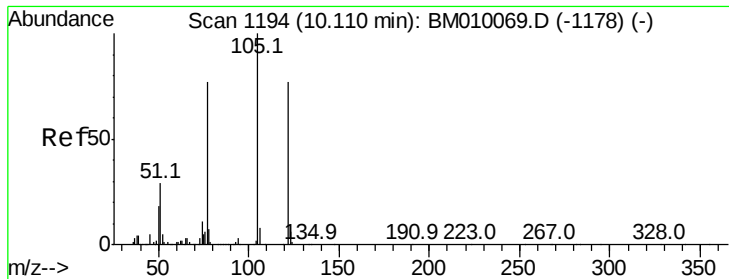
Tot Ion: 93 Resp: 393
Ion Ratio Lower Upper
93 100
95 163.3 25.5 38.3#
123 0.0 8.6 13.0#



#31
Naphthalene
Concen: 0.13 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.05 min
Lab File: BM010264.D
Acq: 26 May 2017 19:23

Tgt Ion: 128 Resp: 2427
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 0.0 10.4 15.6#

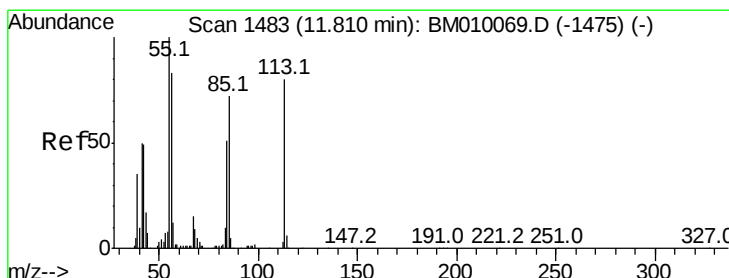
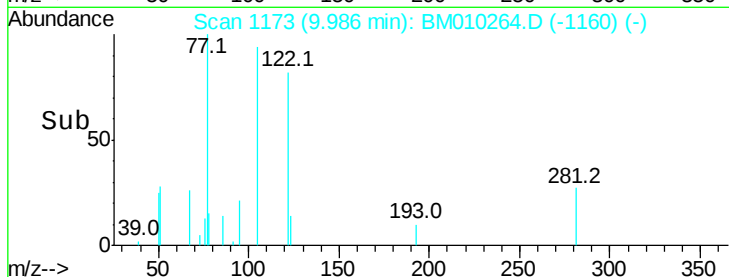
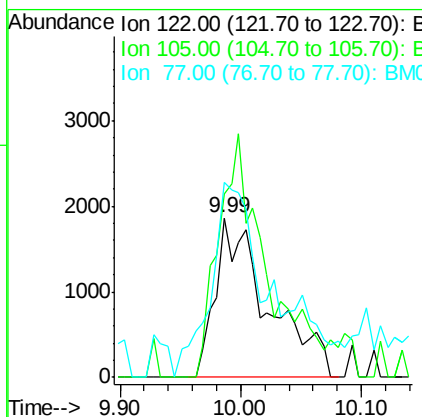
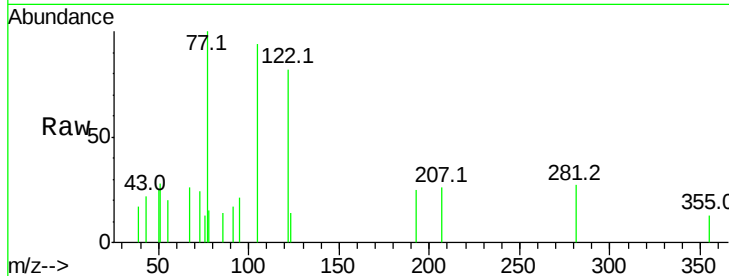




#32
Benzoic acid
Concen: 1.65 ng
RT: 9.99 min Scan# 1173
Delta R.T. -0.12 min
Lab File: BM010264.D
Acq: 26 May 2017 19:23

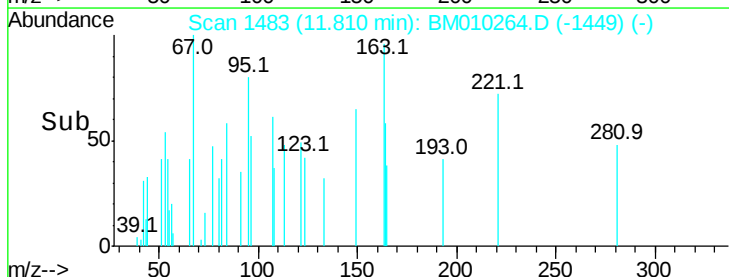
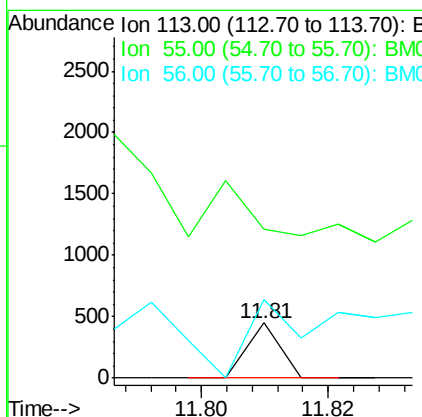
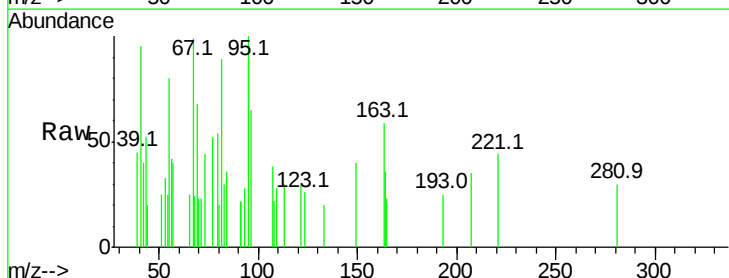
Instrument :
BNA_M
ClientSampleId :

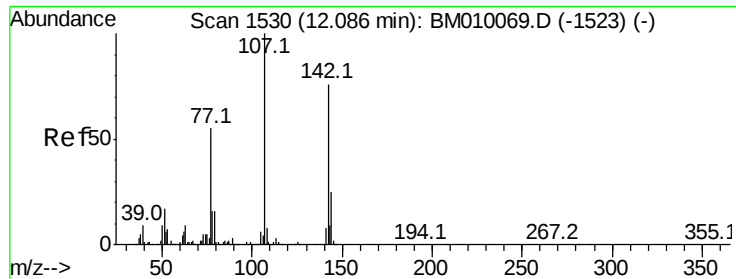
Tot Ion:122 Resp: 5604
Ion Ratio Lower Upper
122 100
105 115.3 99.9 139.9
77 122.6 73.7 113.7#



#35
Caprolactam
Concen: 0.10 ng
RT: 11.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BM010264.D
Acq: 26 May 2017 19:23

Tgt Ion:113 Resp: 158
Ion Ratio Lower Upper
113 100
55 270.2 145.9 185.9#
56 143.4 101.0 141.0#

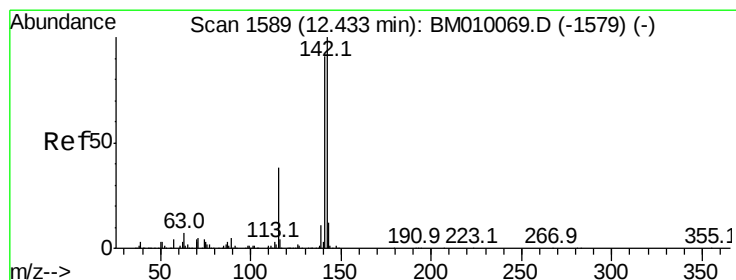
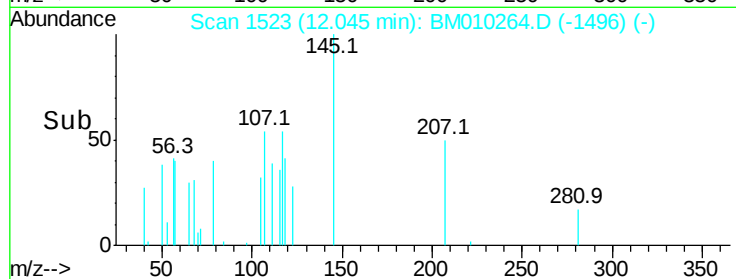
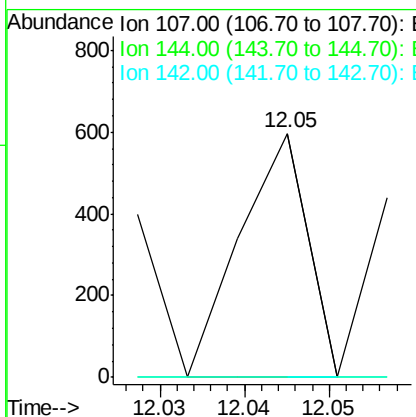
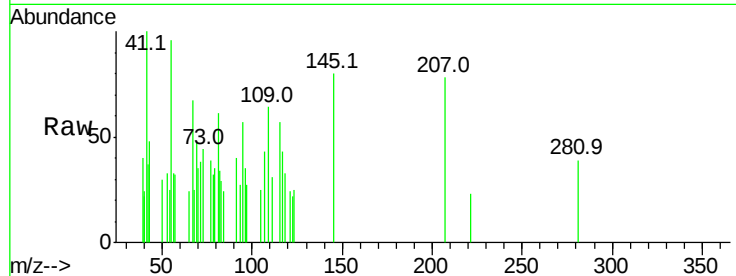




#36
 4-Chloro-3-methylphenol
 Concen: 0.05 ng
 RT: 12.05 min Scan# 1523
 Delta R.T. -0.04 min
 Lab File: BM010264.D
 Acq: 26 May 2017 19:23

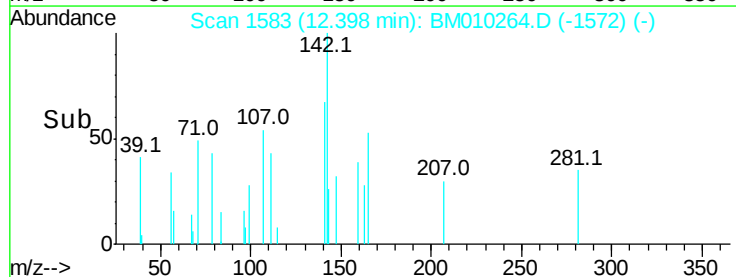
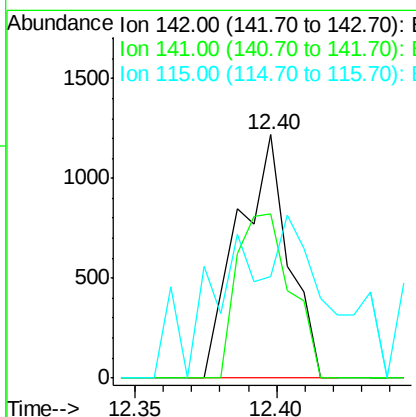
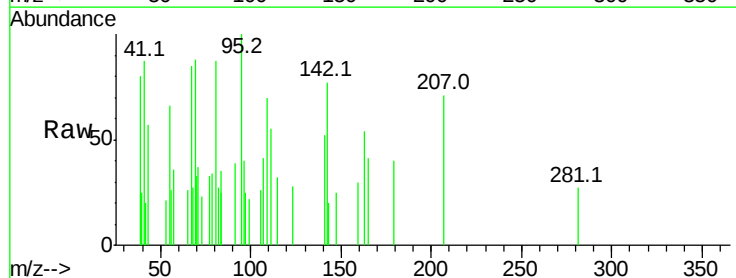
Instrument :
 BNA_M
 ClientSampled :

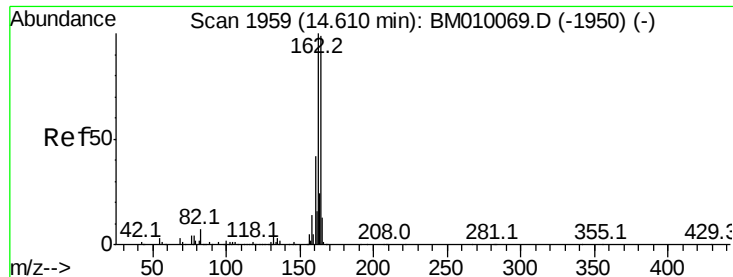
Tot Ion	Ratio	Lower	Upper
107	100		
144	0.0	23.3	34.9#
142	0.0	72.6	109.0#



#37
 2-Methylnaphthalene
 Concen: 0.11 ng
 RT: 12.40 min Scan# 1583
 Delta R.T. -0.04 min
 Lab File: BM010264.D
 Acq: 26 May 2017 19:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	67.3	71.9	107.9#
115	41.4	25.4	38.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.57 min Scan# 1952

Delta R.T. -0.04 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

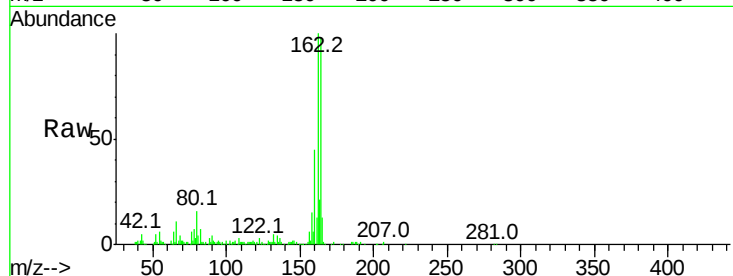
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 231513

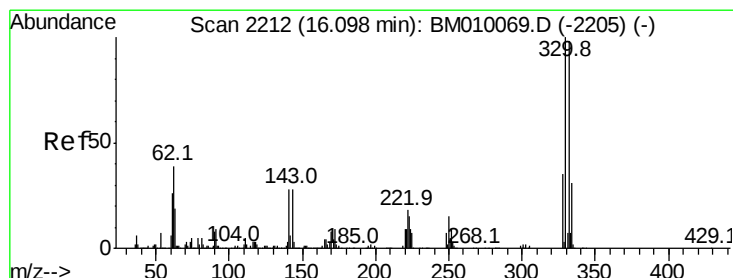
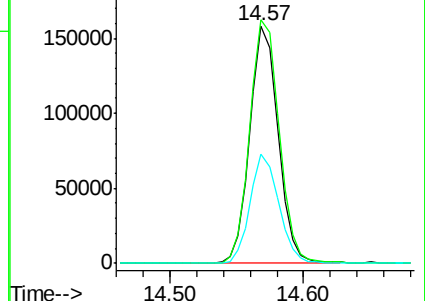
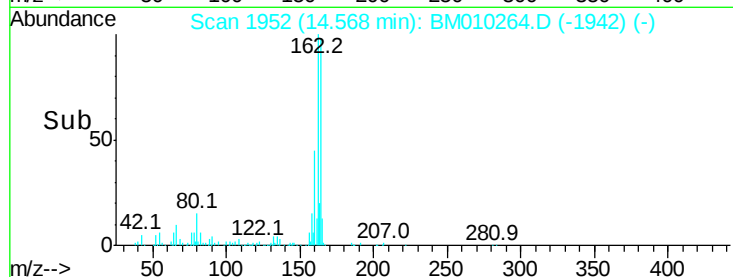
Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.4	123.6
160	45.8	35.8	53.6



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



#41

2,4,6-Tribromophenol

Concen: 170.08 ng

RT: 16.06 min Scan# 2206

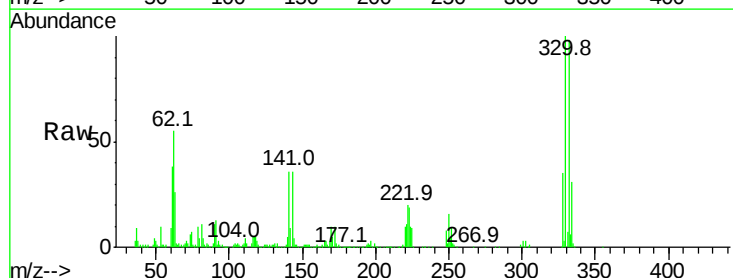
Delta R.T. -0.04 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Tgt Ion:330 Resp: 598052

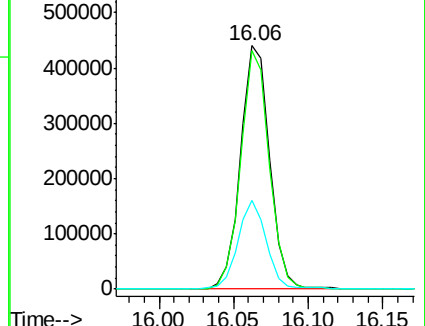
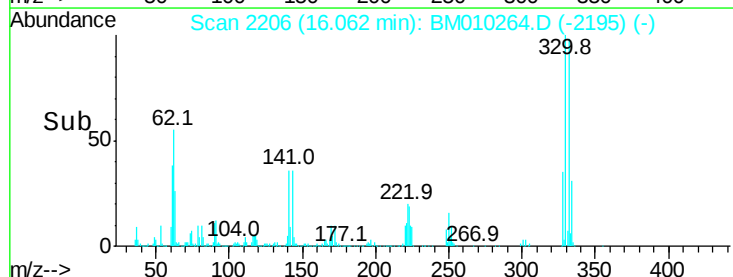
Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	35.5	0.0	0.0#

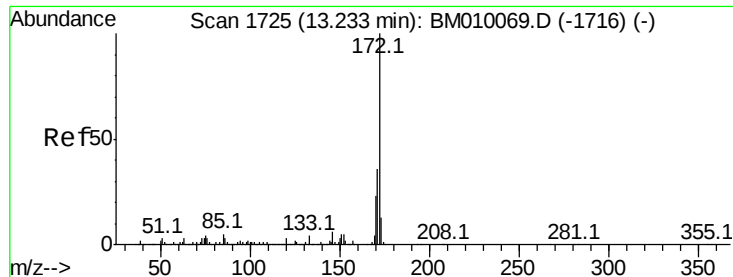


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

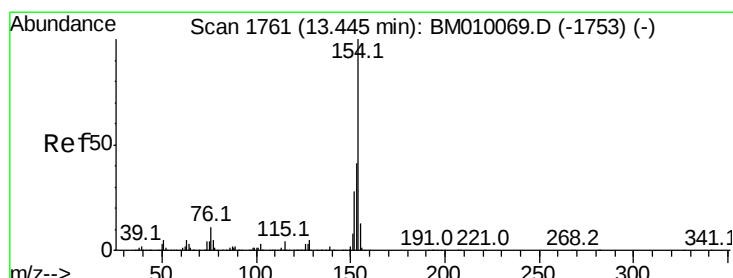
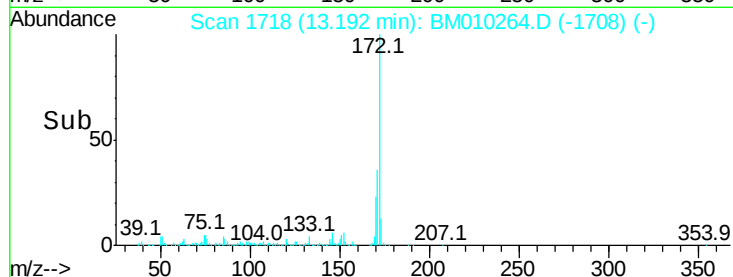
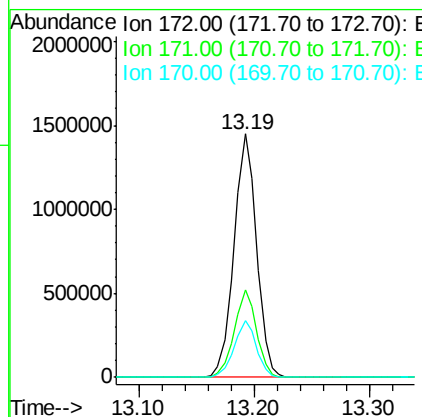
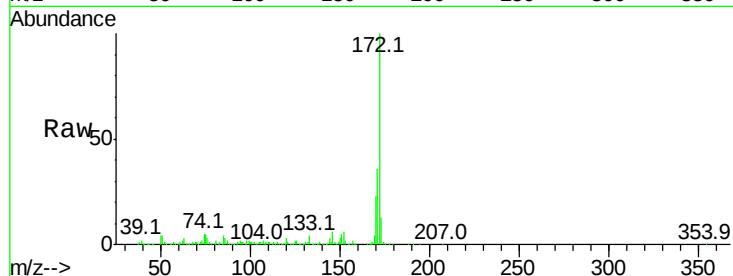




#44
2-Fluorobiphenyl
Concen: 108.94 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM010264.D
Acq: 26 May 2017 19:23

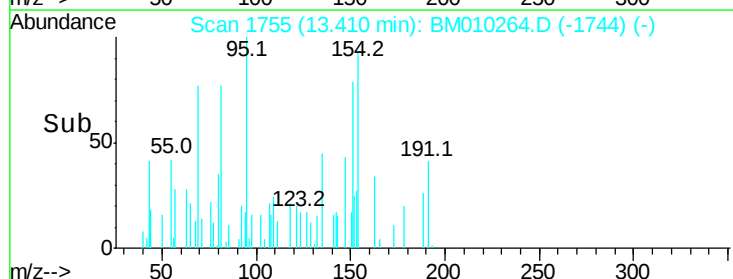
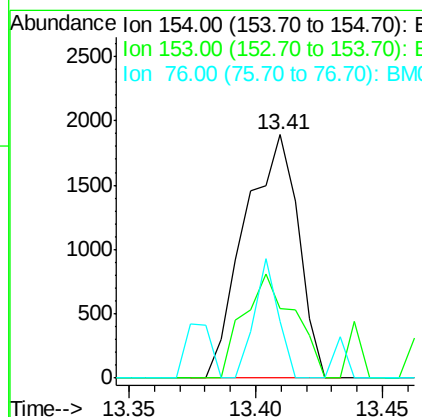
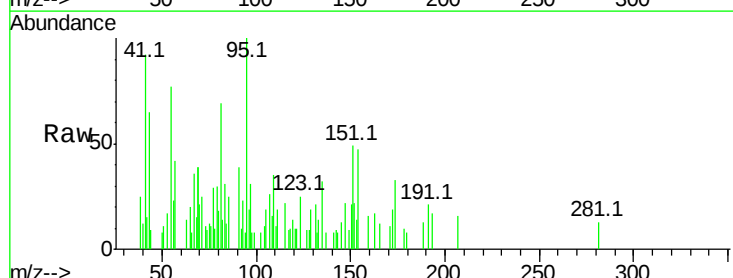
Instrument :
BNA_M
ClientSampleId :

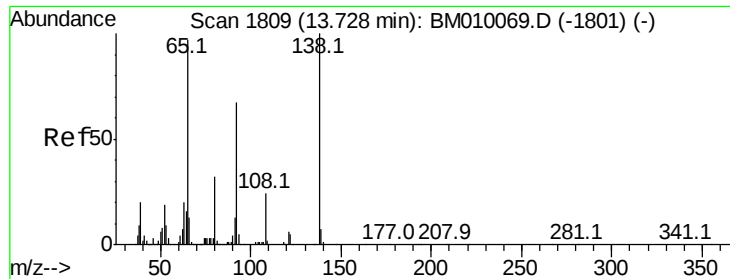
Tot Ion:172 Resp: 1961915
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.1 18.8 28.2



#45
1,1'-Biphenyl
Concen: 0.15 ng
RT: 13.41 min Scan# 1755
Delta R.T. -0.04 min
Lab File: BM010264.D
Acq: 26 May 2017 19:23

Tgt Ion:154 Resp: 2793
Ion Ratio Lower Upper
154 100
153 28.7 20.7 60.7
76 23.5 0.0 30.9

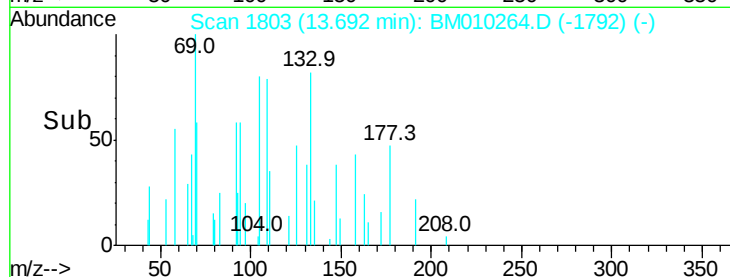
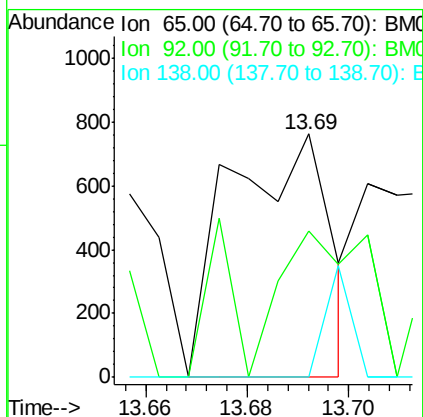
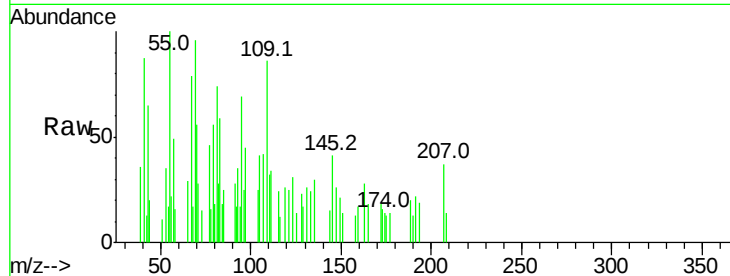




#47
2-Nitroaniline
Concen: 0.26 ng
RT: 13.69 min Scan# 1803
Delta R.T. -0.04 min
Lab File: BM010264.D
Acq: 26 May 2017 19:23

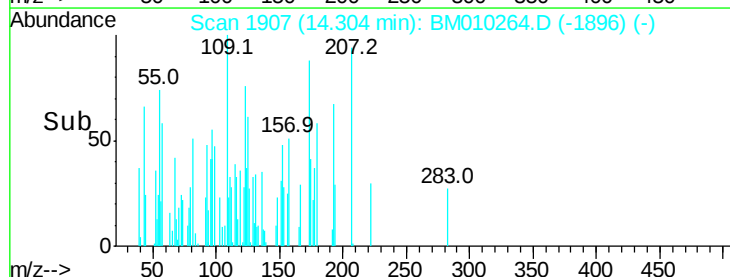
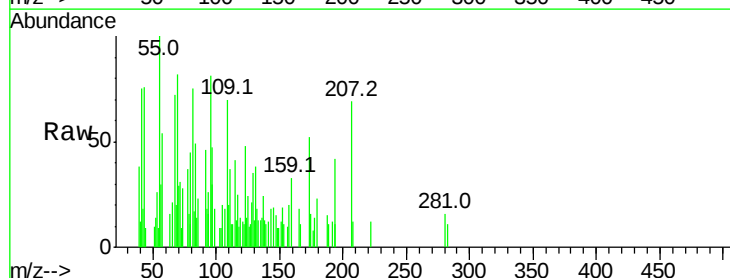
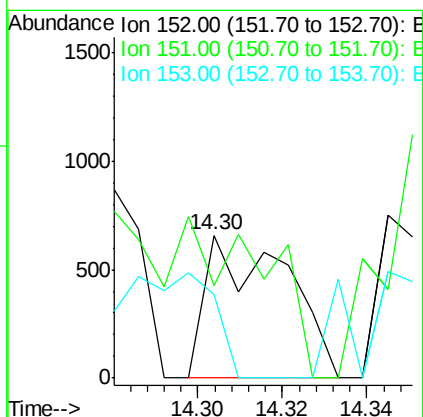
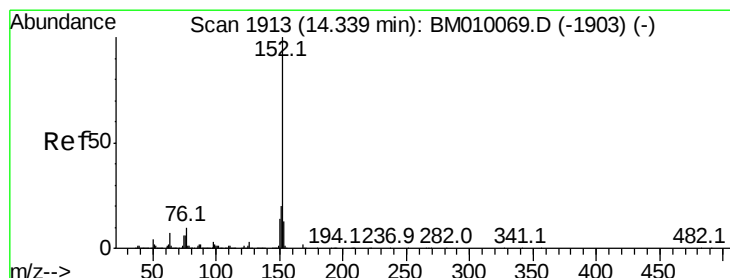
Instrument :
BNA_M
ClientSampleId :

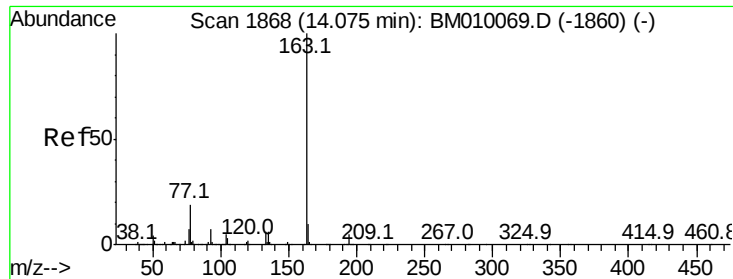
Tot Ion: 65 Resp: 1047
Ion Ratio Lower Upper
65 100
92 60.0 59.1 88.7
138 0.0 93.9 140.9#



#48
Acenaphthylene
Concen: 0.04 ng
RT: 14.30 min Scan# 1907
Delta R.T. -0.04 min
Lab File: BM010264.D
Acq: 26 May 2017 19:23

Tgt Ion: 152 Resp: 869
Ion Ratio Lower Upper
152 100
151 64.9 15.9 23.9#
153 58.2 10.6 16.0#

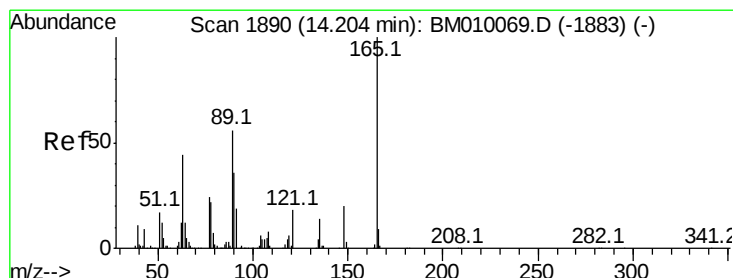
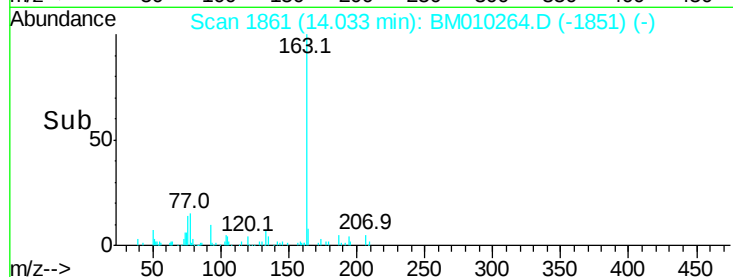
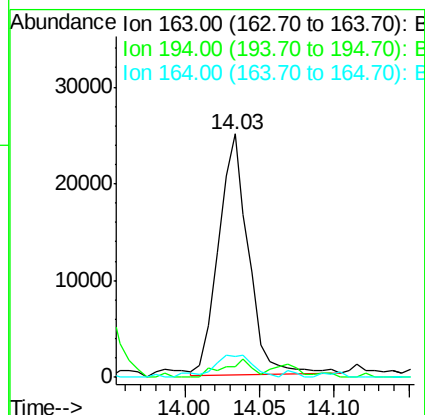
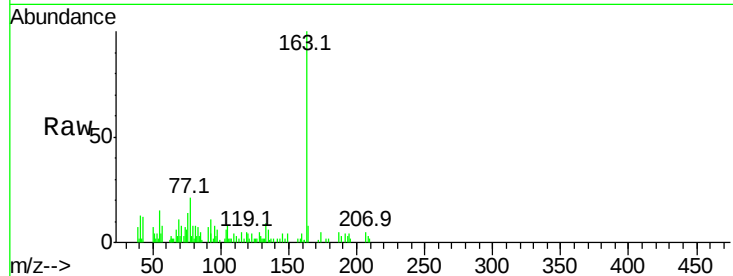




#49
Dimethylphthalate
Concen: 1.71 ng
RT: 14.03 min Scan# 1861
Delta R.T. -0.04 min
Lab File: BM010264.D
Acq: 26 May 2017 19:23

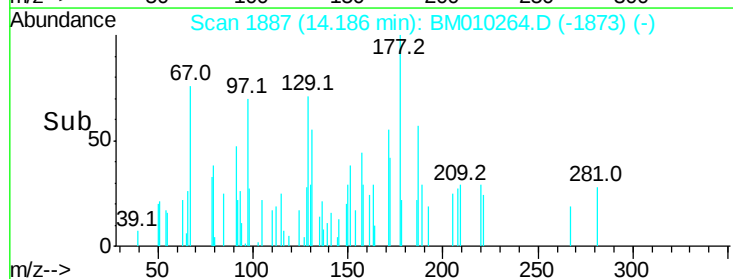
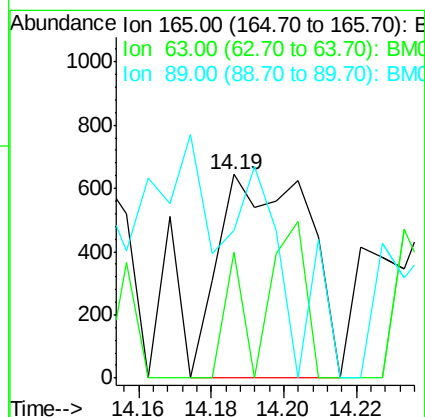
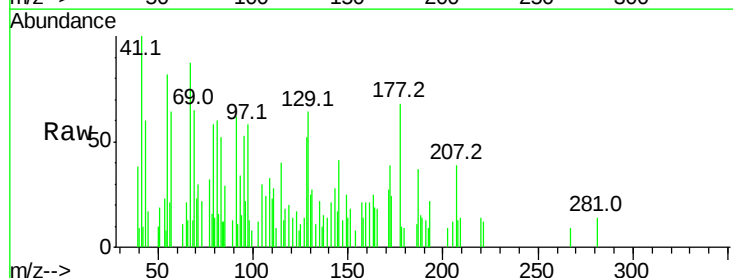
Instrument :
BNA_M
ClientSampleId :

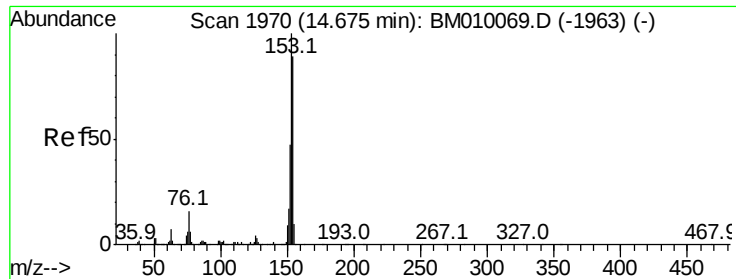
Tot Ion:163 Resp: 35257
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 8.3 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 0.28 ng
RT: 14.19 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BM010264.D
Acq: 26 May 2017 19:23

Tgt Ion:165 Resp: 1101
Ion Ratio Lower Upper
165 100
63 62.1 44.1 66.1
89 72.5 44.3 66.5#





#51

Acenaphthene

Concen: 0.02 ng

RT: 14.63 min Scan# 1963

Delta R.T. -0.04 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampleId :

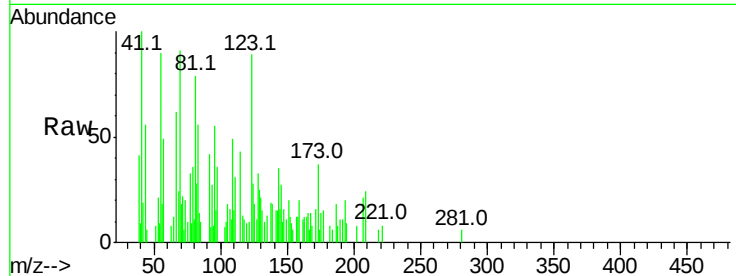
Tot Ion:154 Resp: 230

Ion Ratio Lower Upper

154 100

153 143.9 90.0 135.0#

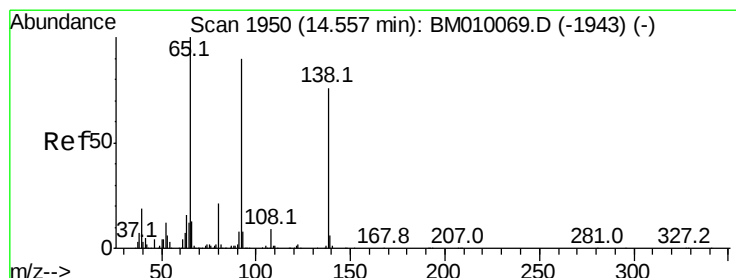
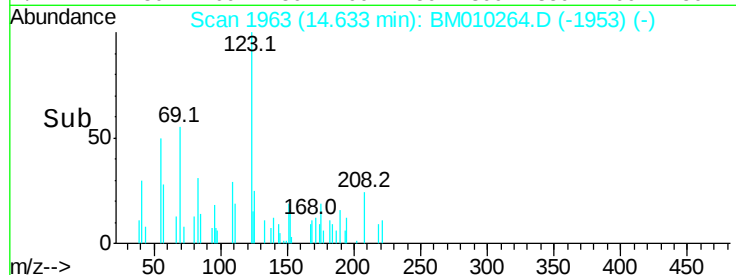
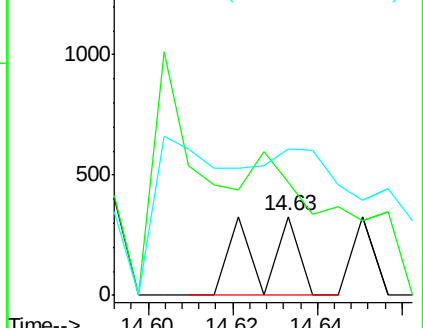
152 186.3 42.6 63.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.13 ng

RT: 14.53 min Scan# 1945

Delta R.T. -0.03 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

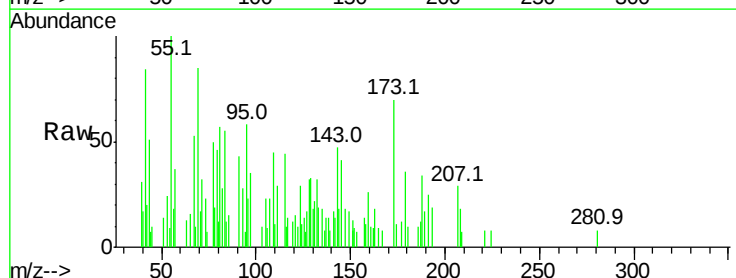
Tgt Ion:138 Resp: 464

Ion Ratio Lower Upper

138 100

108 0.0 7.3 10.9#

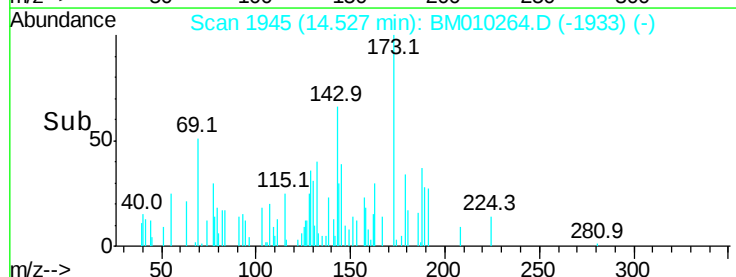
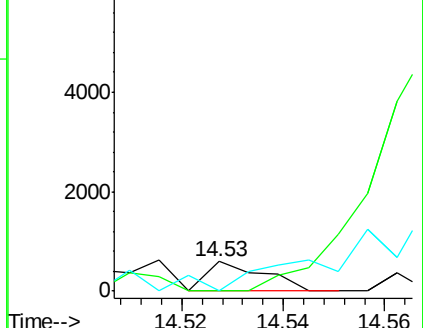
92 0.0 76.6 114.8#

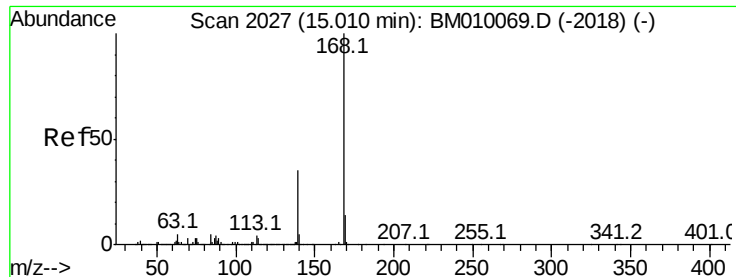


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#54

Dibenzofuran

Concen: 0.03 ng

RT: 14.97 min Scan# 2021

Delta R.T. -0.04 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampleId :

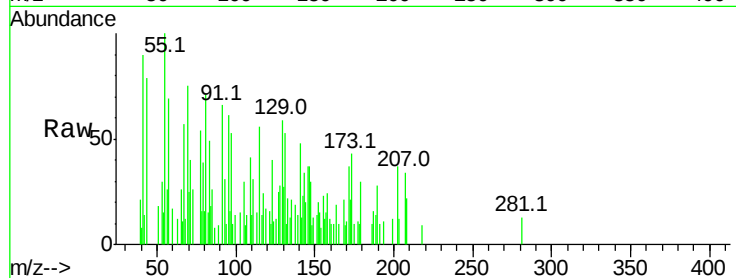
Tot Ion:168 Resp: 718

Ion Ratio Lower Upper

168 100

139 69.5 27.3 40.9#

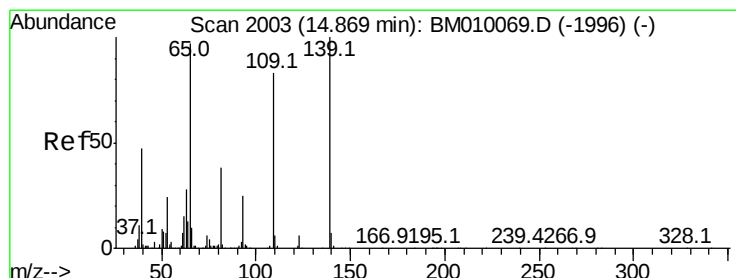
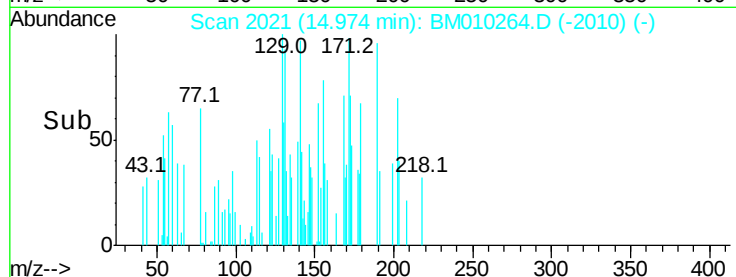
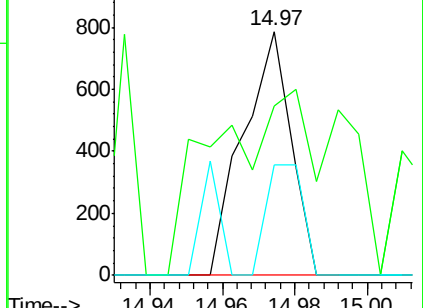
169 45.2 10.6 16.0#



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: 0.29 ng

RT: 14.82 min Scan# 1995

Delta R.T. -0.05 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

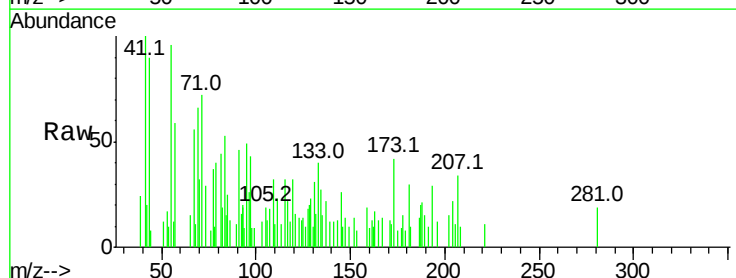
Tgt Ion:139 Resp: 851

Ion Ratio Lower Upper

139 100

109 258.6 37.7 77.7#

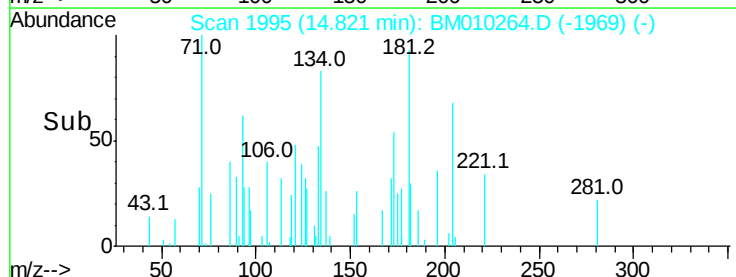
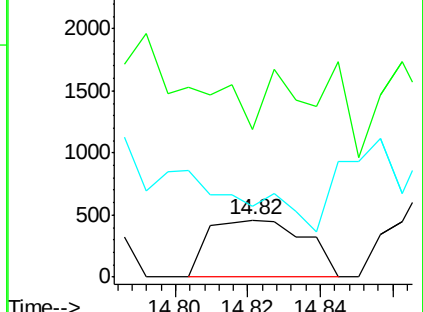
65 123.6 49.9 89.9#

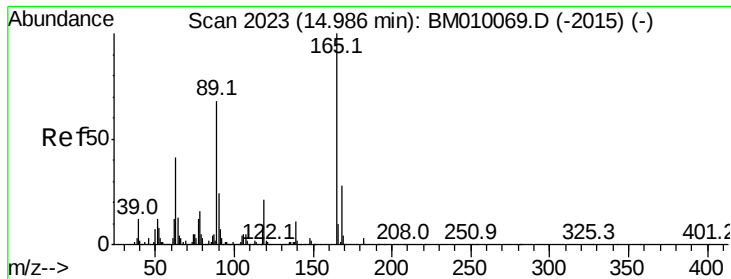


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

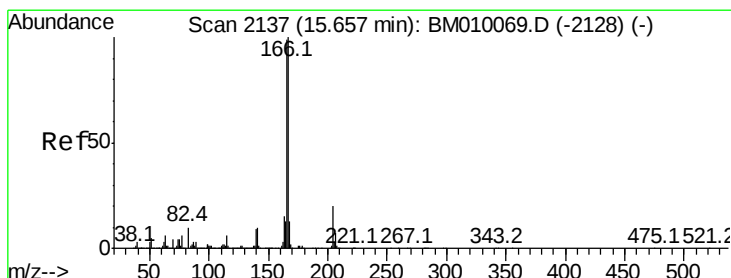
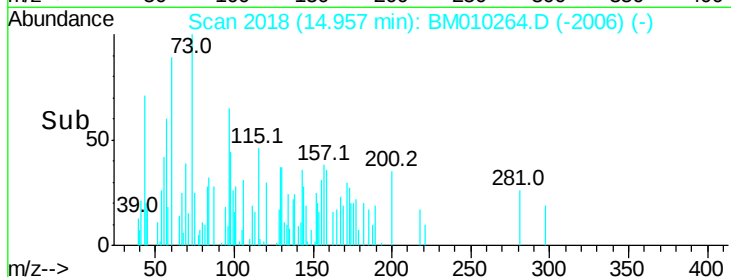
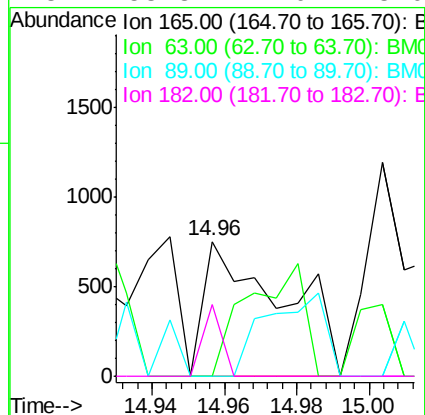
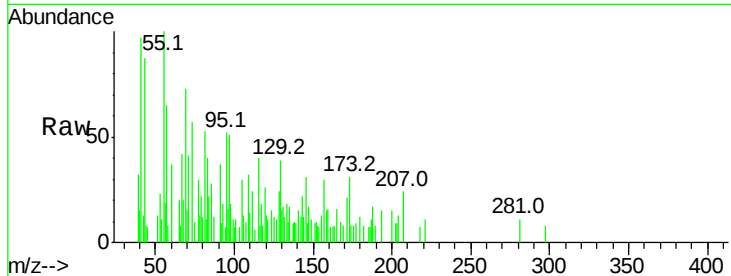




#56
2,4-Dinitrotoluene
Concen: 0.20 ng
RT: 14.96 min Scan# 2018
Delta R.T. -0.03 min
Lab File: BM010264.D
Acq: 26 May 2017 19:23

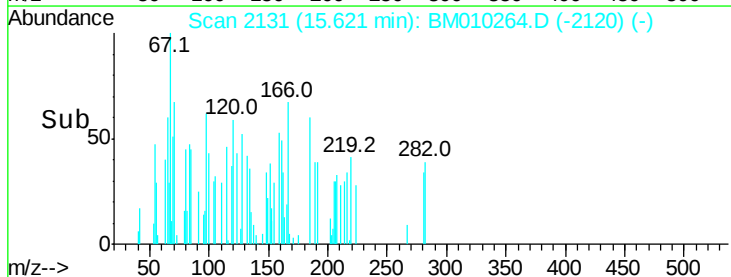
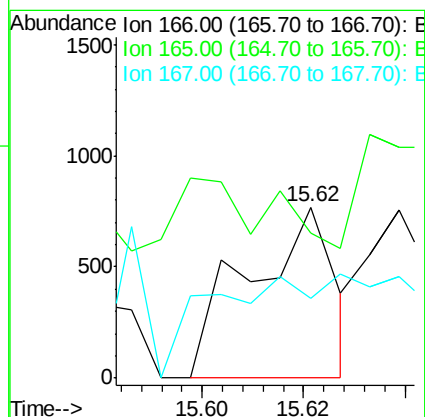
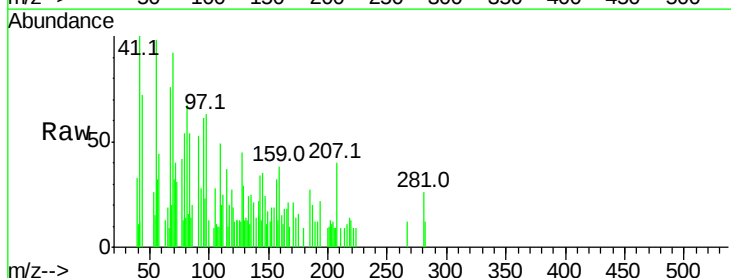
Instrument :
BNA_M
ClientSampleId :

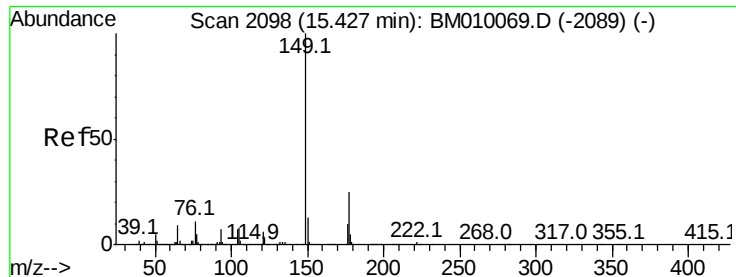
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.4	78.6#
89	0.0	72.4	108.6#
182	53.3	2.0	3.0#



#57
Fluorene
Concen: 0.05 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.04 min
Lab File: BM010264.D
Acq: 26 May 2017 19:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	84.5	79.0	118.4
167	46.9	10.3	15.5#





#59

Diethylphthalate

Concen: 0.58 ng

RT: 15.38 min Scan# 2090

Delta R.T. -0.05 min

Lab File: BM010264.D

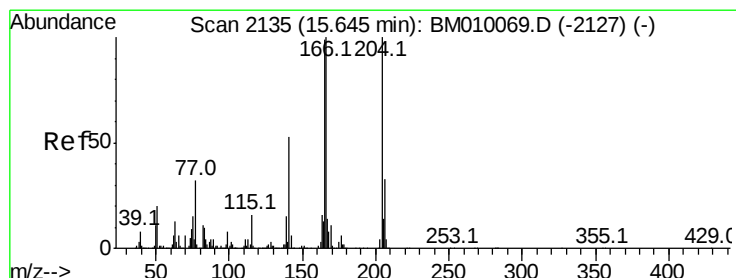
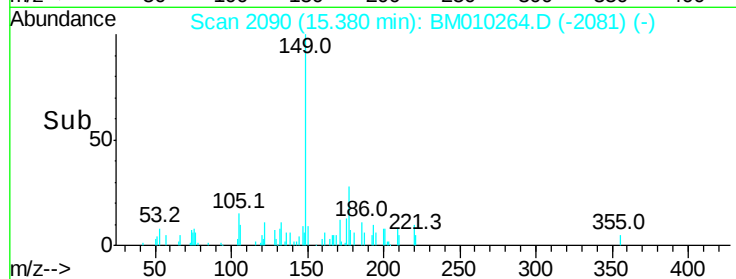
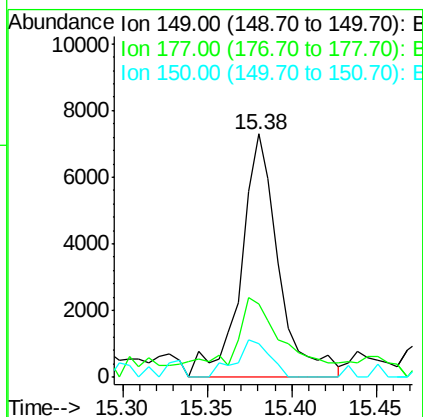
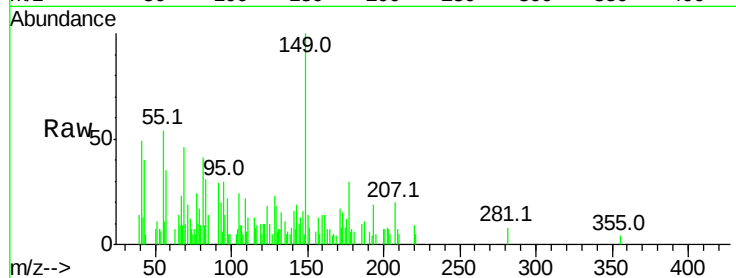
Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampled :

Tot Ion:	149	Resp:	11302
Ion	Ratio	Lower	Upper
149	100		
177	30.0	18.3	27.5#
150	13.7	9.8	14.8



#60

4-Chlorophenyl-phenylether

Concen: 0.04 ng

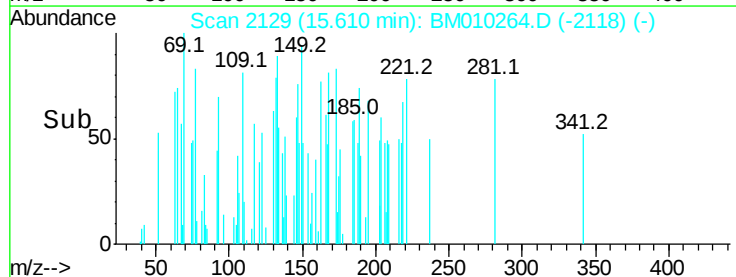
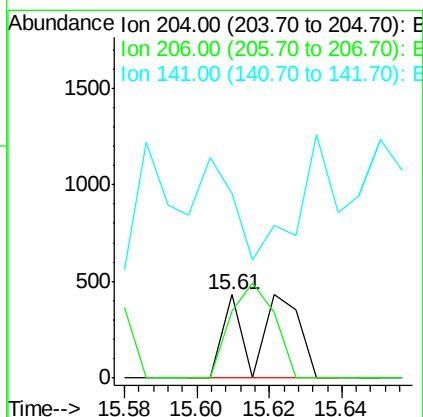
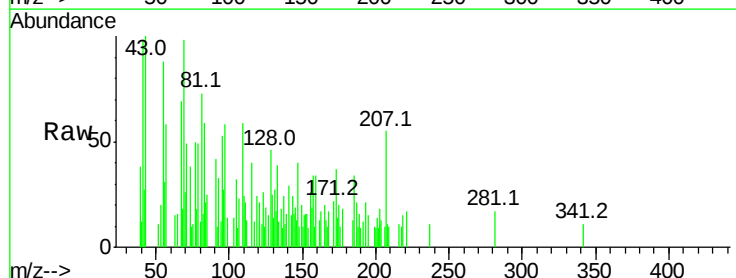
RT: 15.61 min Scan# 2129

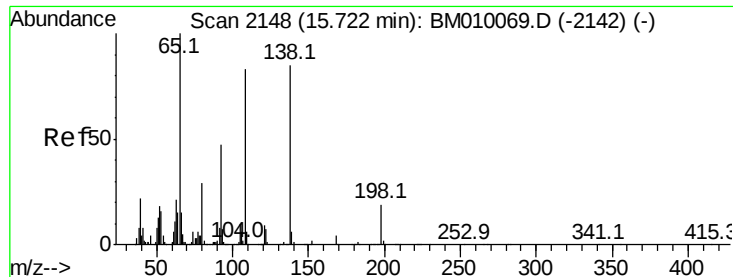
Delta R.T. -0.04 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Tgt Ion:	204	Resp:	429
Ion	Ratio	Lower	Upper
204	100		
206	79.8	26.6	39.8#
141	222.6	45.2	67.8#





#61

4-Nitroaniline

Concen: 0.03 ng

RT: 15.67 min Scan# 2139

Delta R.T. -0.05 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampled :

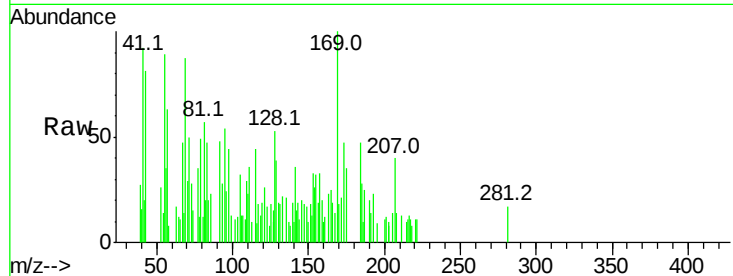
Tot Ion:138 Resp: 107

Ion Ratio Lower Upper

138 100

92 0.0 16.7 56.7#

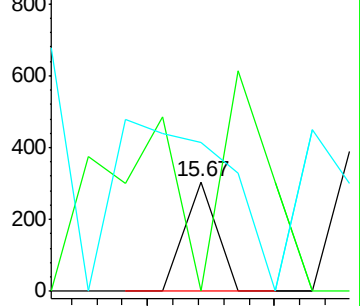
108 136.5 37.6 77.6#



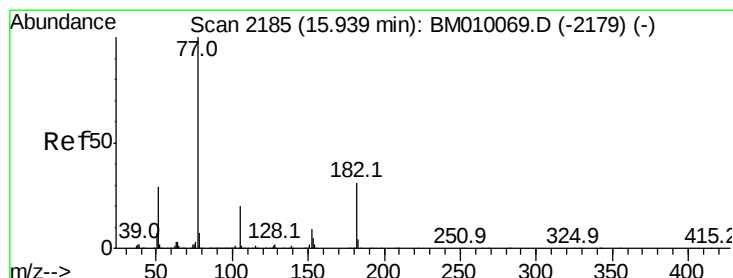
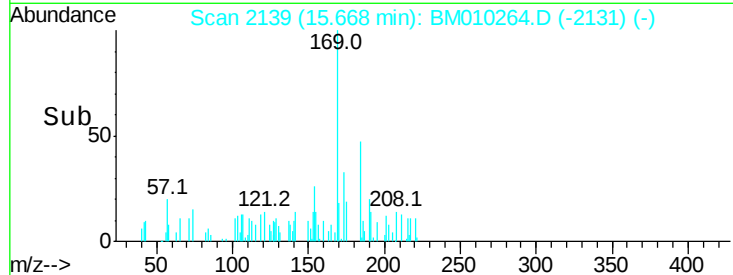
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



Time-->



#62

Azobenzene

Concen: 0.06 ng

RT: 15.90 min Scan# 2178

Delta R.T. -0.04 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Tgt Ion: 77 Resp: 814

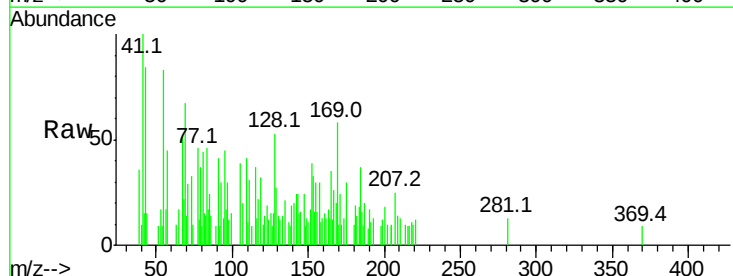
Ion Ratio Lower Upper

77 100

182 29.6 6.5 46.5

105 84.3 3.8 43.8#

51 19.4 5.5 45.5

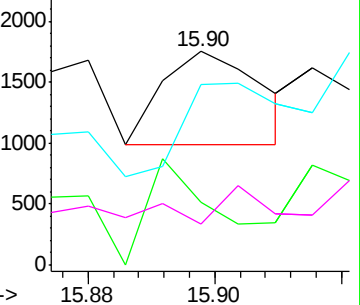


Abundance Ion 77.00 (76.70 to 77.70): BM0

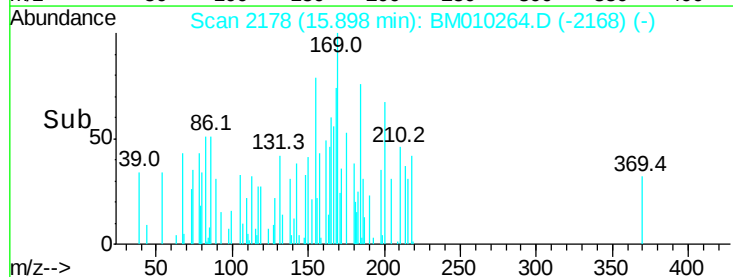
Ion 182.00 (181.70 to 182.70): E

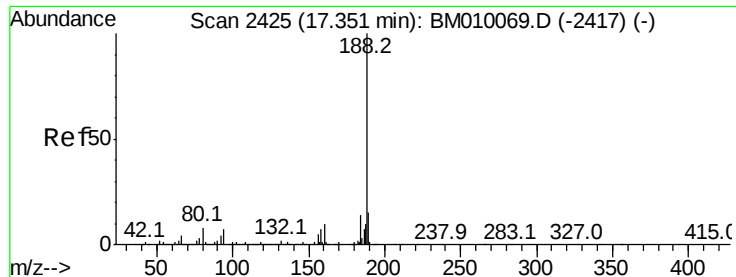
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



Time-->





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.32 min Scan# 2419

Delta R.T. -0.04 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampleId :

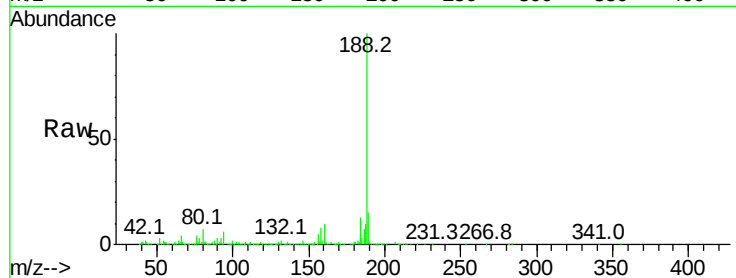
Tot Ion:188 Resp: 618014

Ion Ratio Lower Upper

188 100

94 5.5 8.7 13.1#

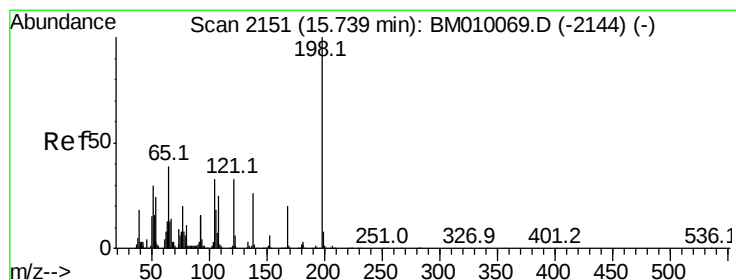
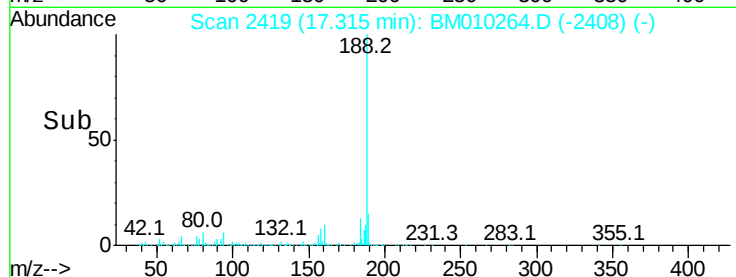
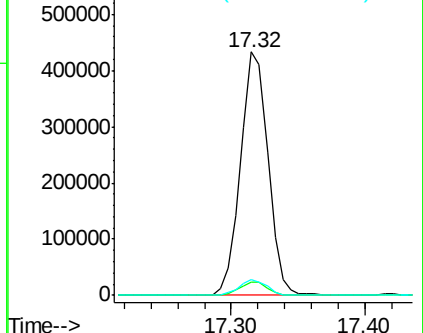
80 6.6 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 0.03 ng

RT: 15.72 min Scan# 2148

Delta R.T. -0.02 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

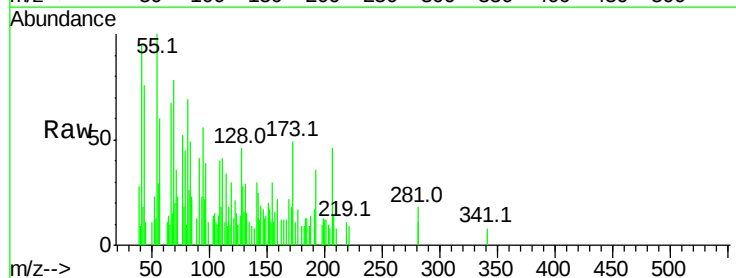
Tgt Ion:198 Resp: 127

Ion Ratio Lower Upper

198 100

51 112.8 28.8 68.8#

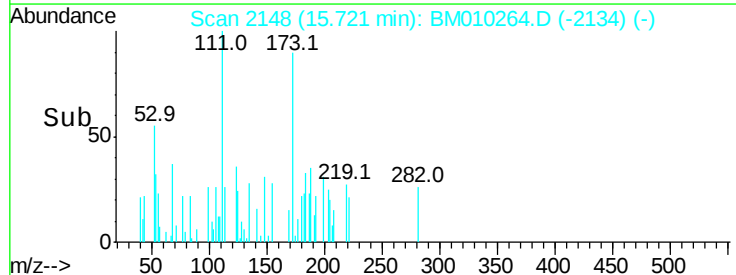
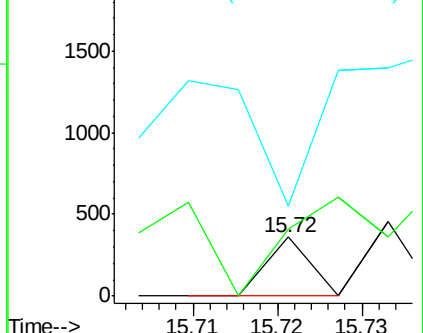
105 151.9 30.5 70.5#

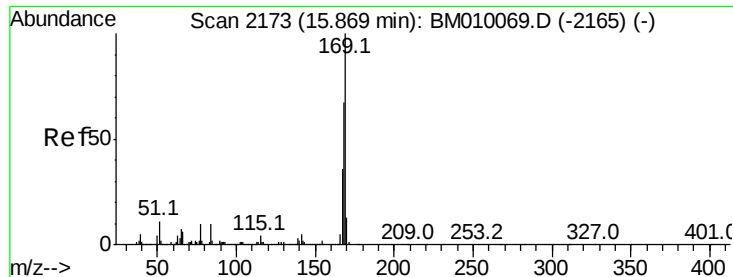


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 0.56 ng

RT: 15.80 min Scan# 2162

Delta R.T. -0.06 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampleId :

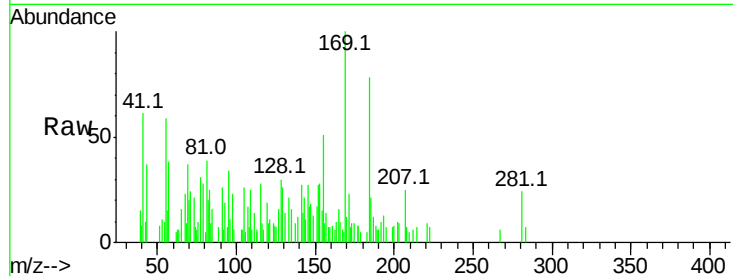
Tot Ion:169 Resp: 10318

Ion Ratio Lower Upper

169 100

168 5.5 53.9 80.9#

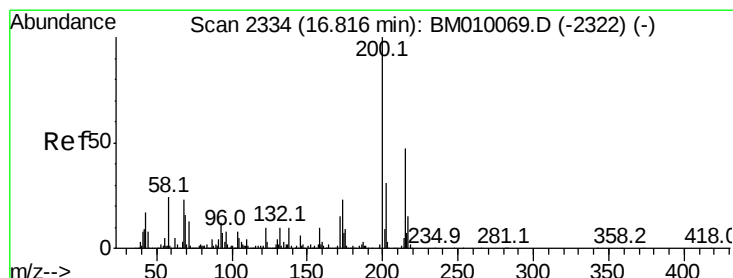
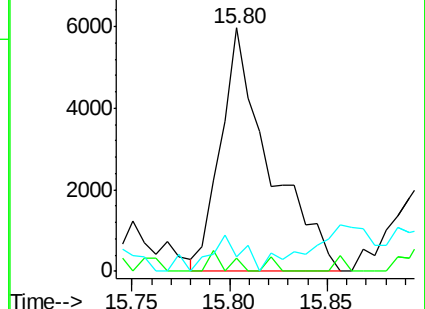
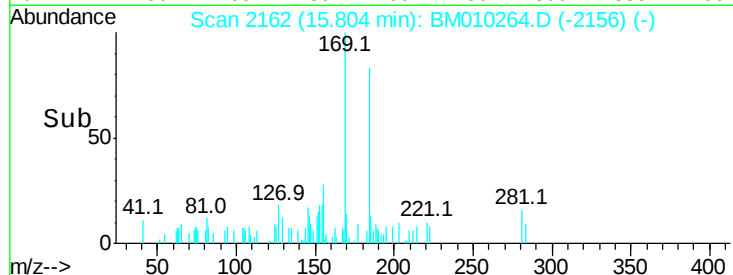
167 5.8 28.9 43.3#



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



#68

Atrazine

Concen: 0.05 ng

RT: 16.79 min Scan# 2329

Delta R.T. -0.03 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

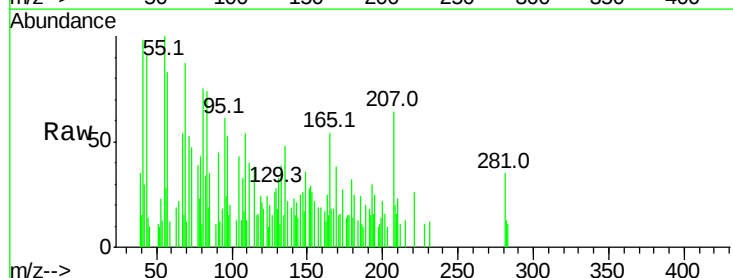
Tgt Ion:200 Resp: 373

Ion Ratio Lower Upper

200 100

173 123.9 4.8 44.8#

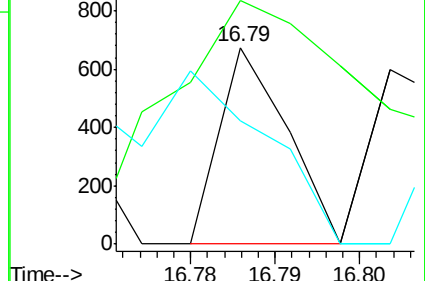
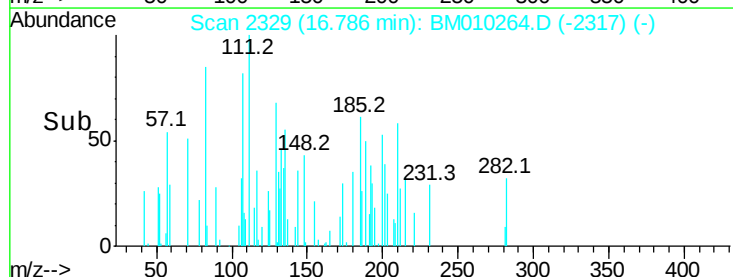
215 62.8 26.9 66.9

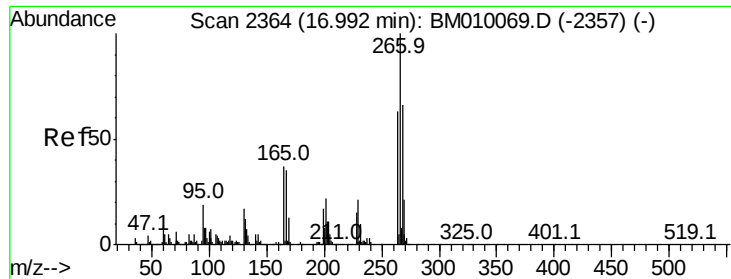


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 0.03 ng

RT: 16.97 min Scan# 2361

Delta R.T. -0.02 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampleId :

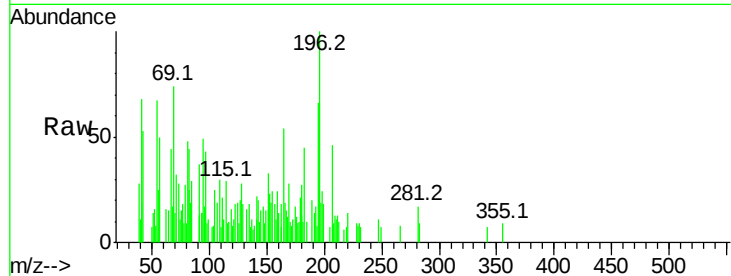
Tot Ion:266 Resp: 140

Ion Ratio Lower Upper

266 100

268 0.0 52.0 78.0#

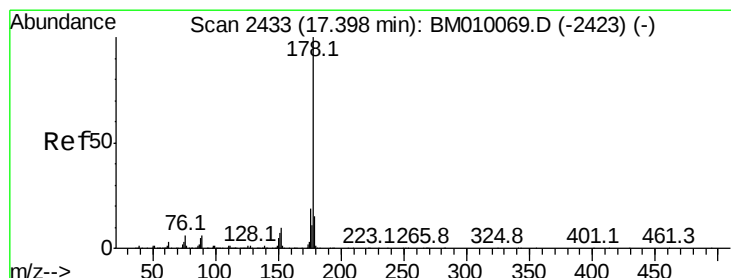
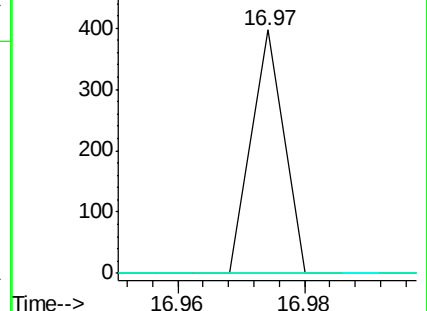
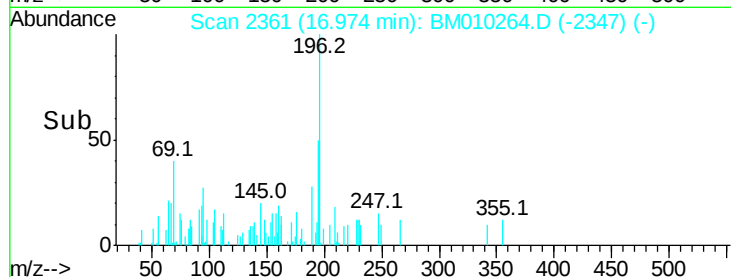
264 0.0 49.0 73.4#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 0.04 ng

RT: 17.36 min Scan# 2426

Delta R.T. -0.04 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

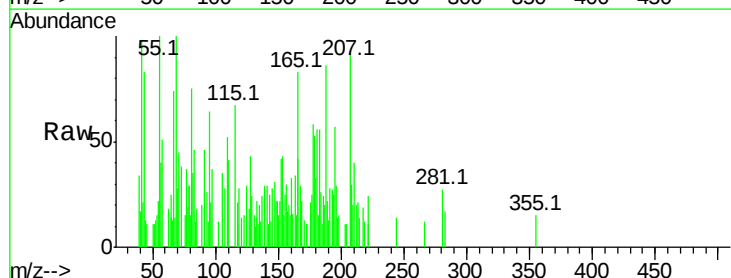
Tgt Ion:178 Resp: 1407

Ion Ratio Lower Upper

178 100

176 36.6 15.2 22.8#

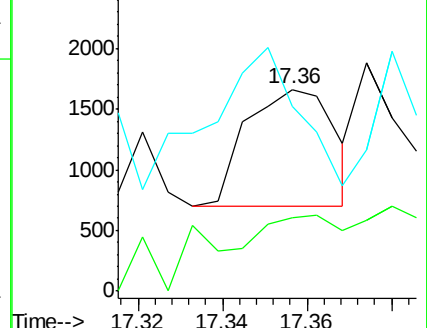
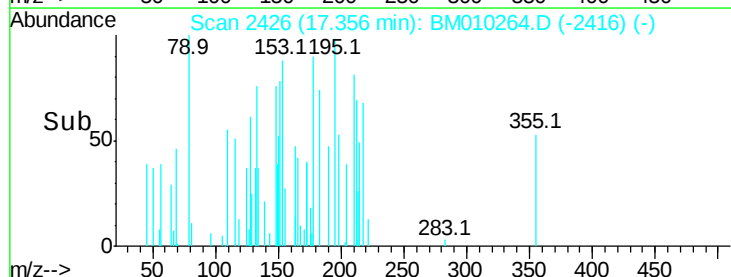
179 91.6 12.1 18.1#

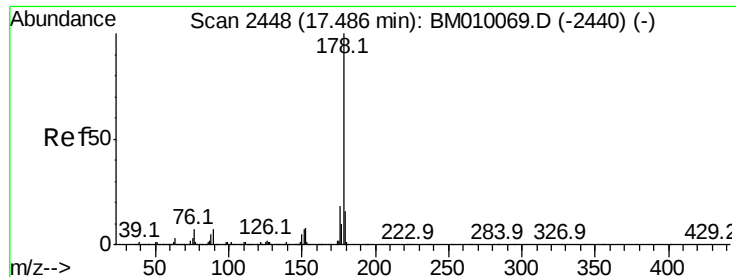


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.31 ng

RT: 17.50 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampled :

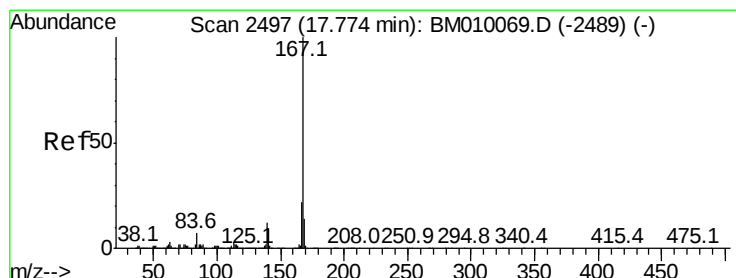
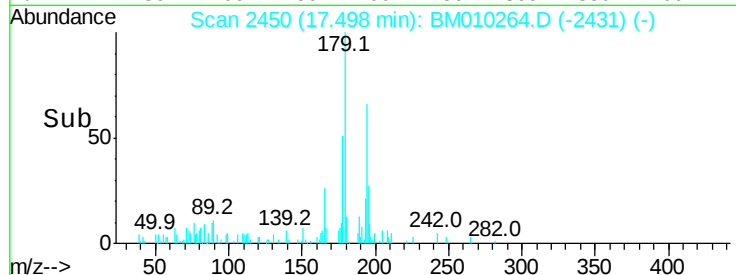
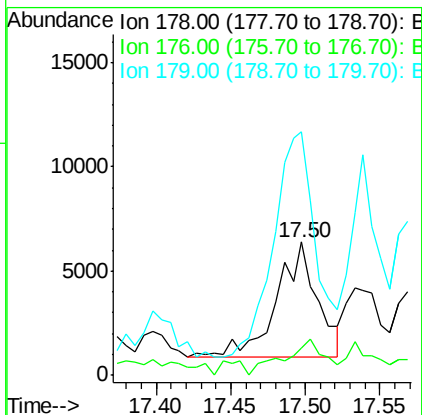
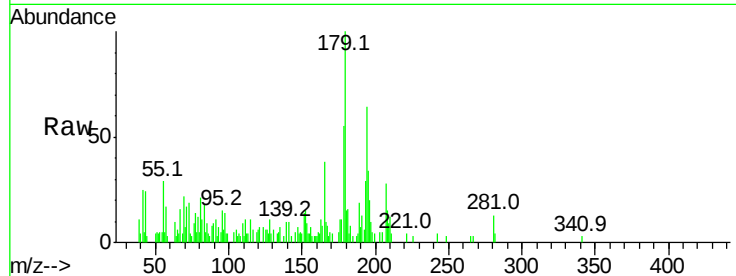
Tot Ion:178 Resp: 10692

Ion Ratio Lower Upper

178 100

176 20.6 14.6 22.0

179 183.1 12.6 19.0#



#72

Carbazole

Concen: 0.05 ng

RT: 17.74 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

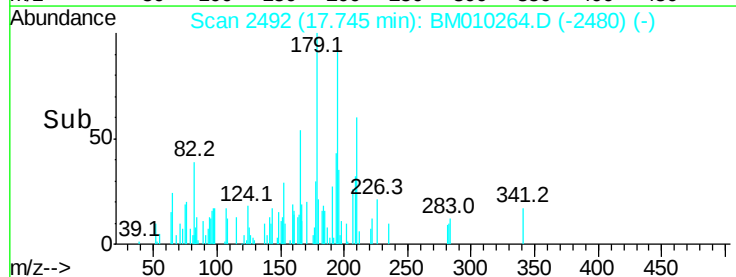
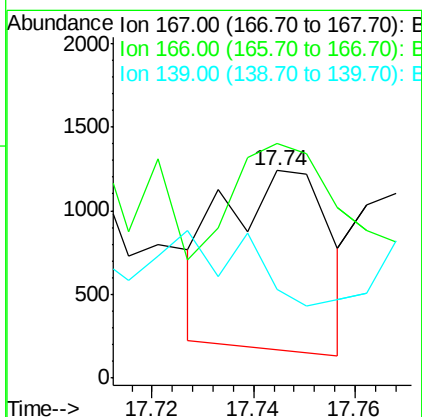
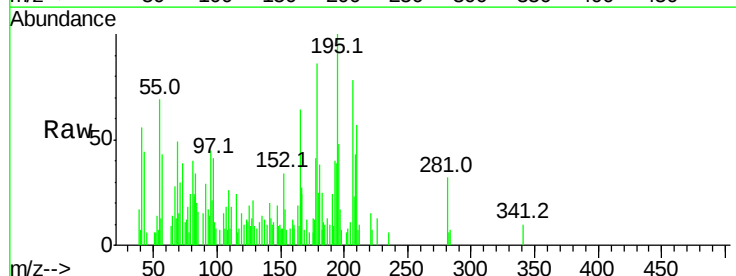
Tgt Ion:167 Resp: 1531

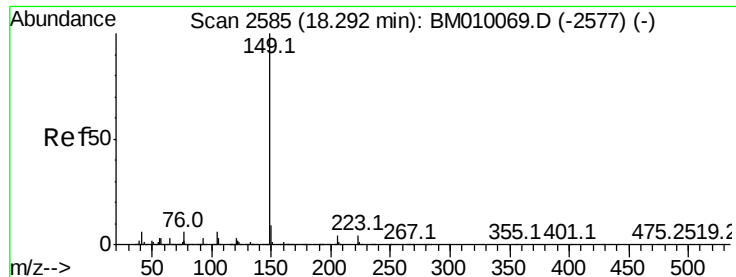
Ion Ratio Lower Upper

167 100

166 113.5 17.2 25.8#

139 42.9 10.8 16.2#





#73

Di-n-butylphthalate

Concen: 0.23 ng

RT: 18.25 min Scan# 2578

Delta R.T. -0.04 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampleId :

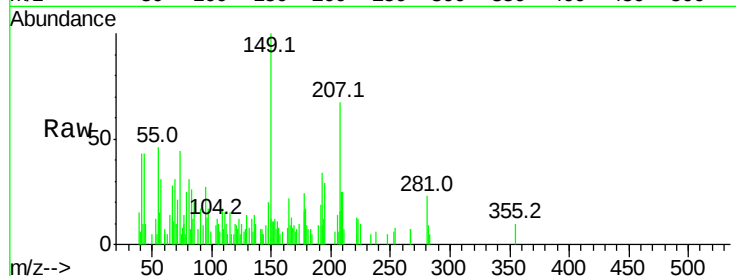
Tot Ion:149 Resp: 8115

Ion Ratio Lower Upper

149 100

150 12.1 7.5 11.3#

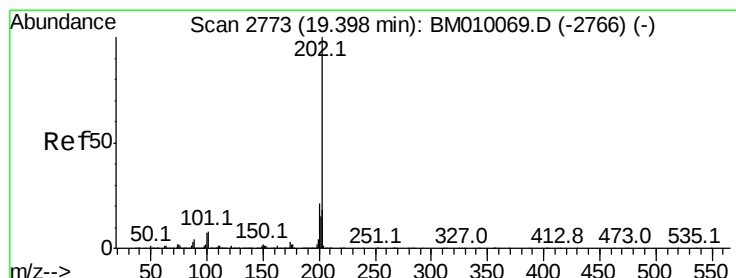
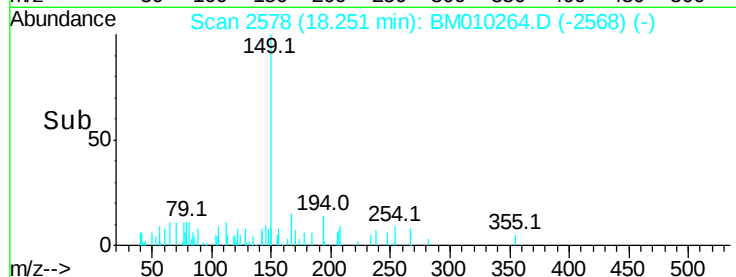
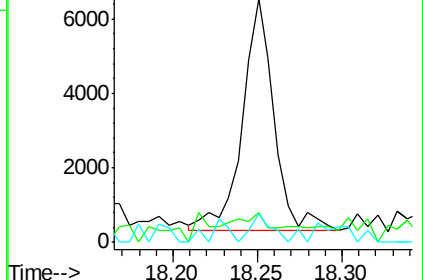
104 11.5 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.05 ng

RT: 19.36 min Scan# 2767

Delta R.T. -0.04 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

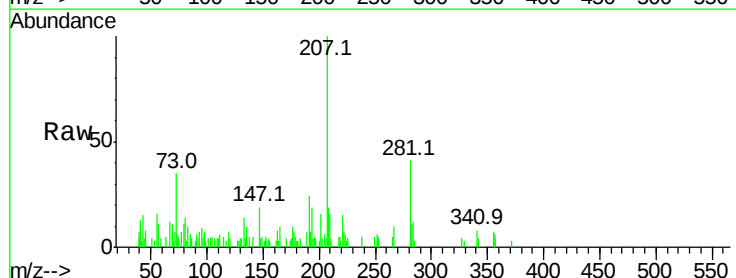
Tgt Ion:202 Resp: 2233

Ion Ratio Lower Upper

202 100

101 24.0 0.0 28.7

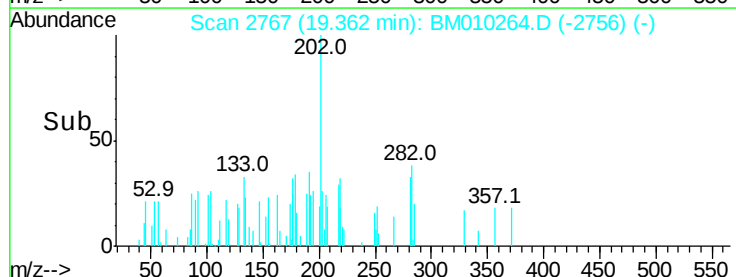
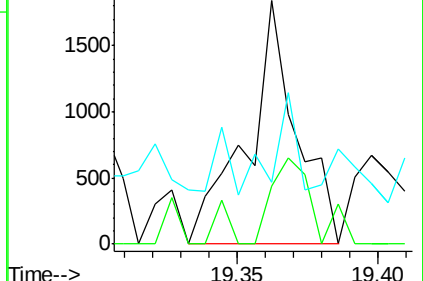
203 25.6 0.0 37.2

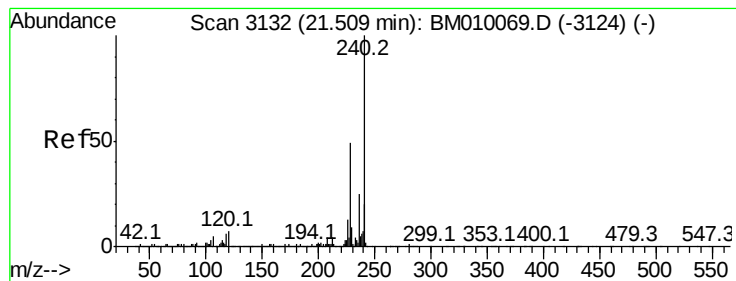


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM010264.D

Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampled :

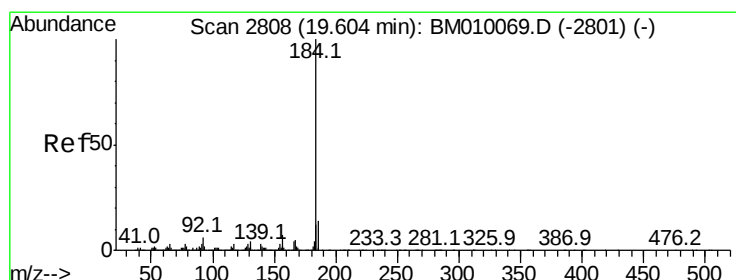
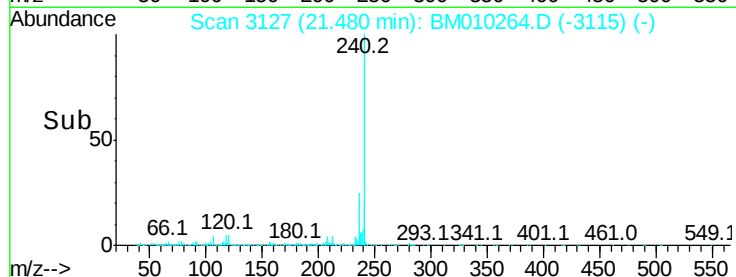
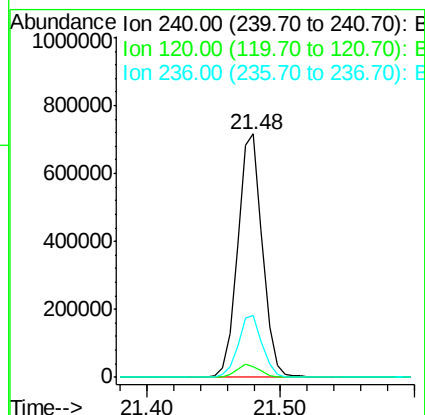
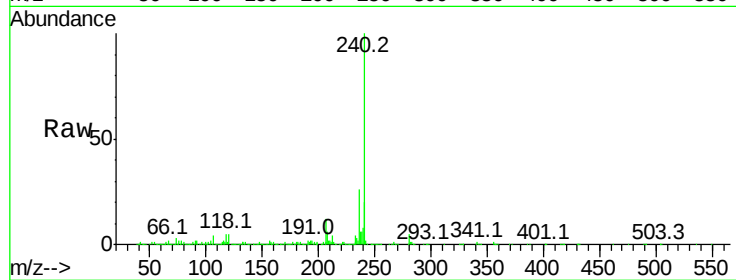
Tot Ion:240 Resp: 916328

Ion Ratio Lower Upper

240 100

120 4.5 8.2 12.2#

236 25.5 20.0 30.0



#76

Benzidine

Concen: 0.02 ng

RT: 19.59 min Scan# 2805

Delta R.T. -0.02 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

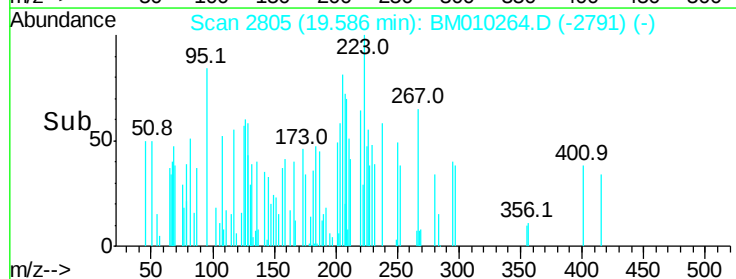
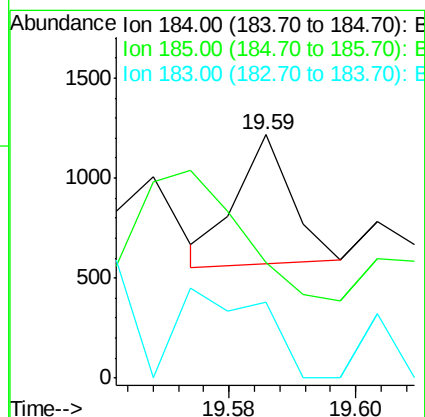
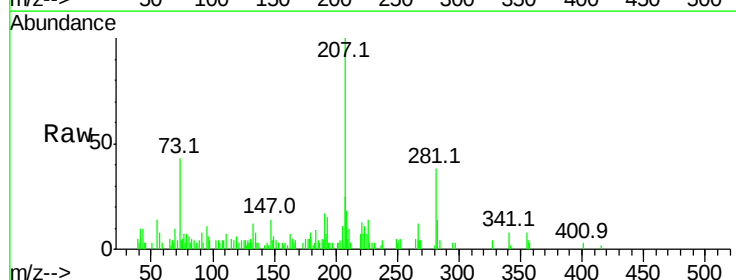
Tgt Ion:184 Resp: 389

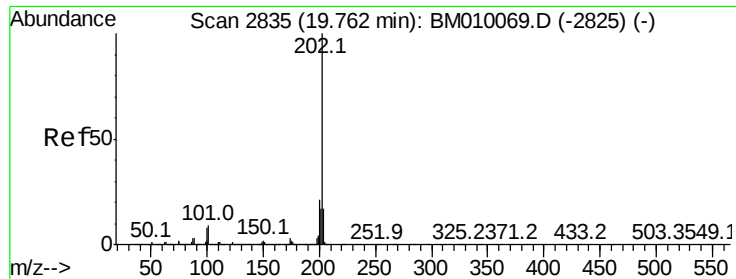
Ion Ratio Lower Upper

184 100

185 47.2 11.3 16.9#

183 31.0 8.9 13.3#





#77

Pvrene

Concen: 0.18 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.03 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampleId :

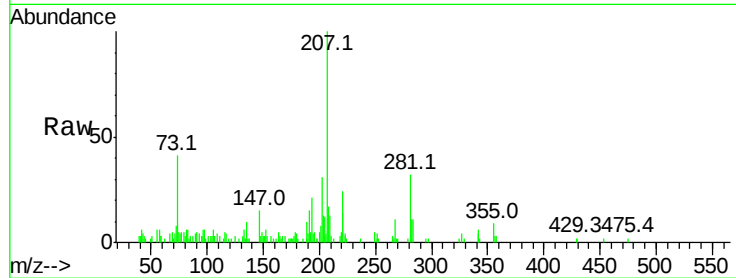
Tot Ion:202 Resp: 8819

Ion Ratio Lower Upper

202 100

200 16.0 16.9 25.3#

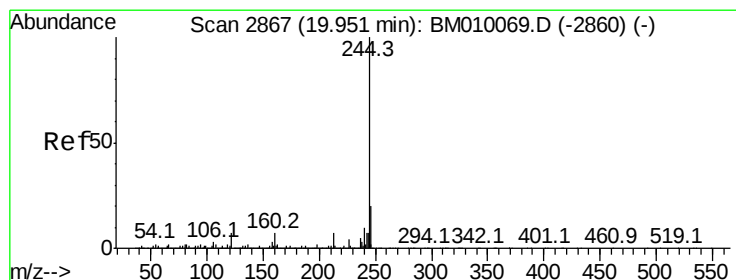
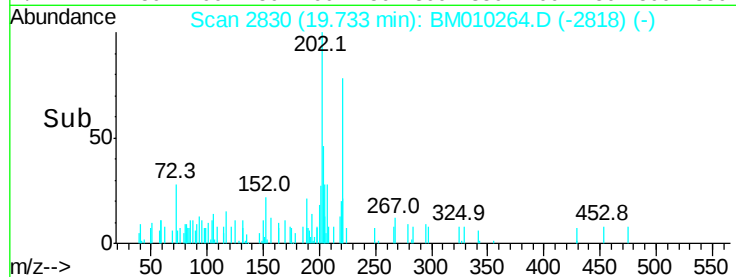
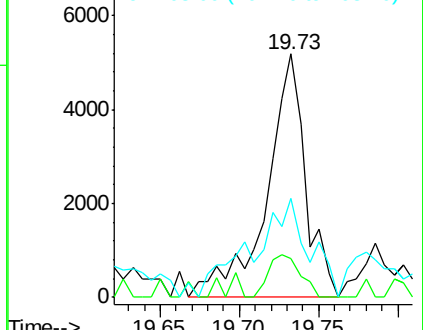
203 40.6 14.1 21.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.19 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.03 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

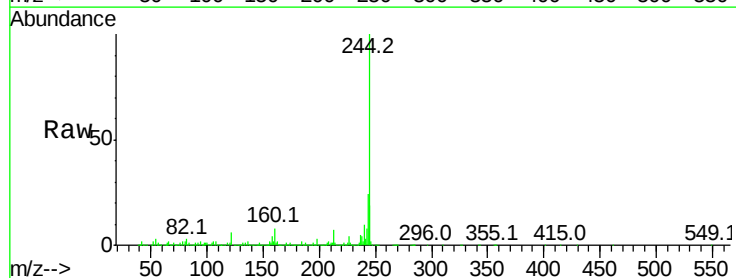
Tgt Ion:244 Resp: 3674727

Ion Ratio Lower Upper

244 100

212 7.3 4.9 7.3

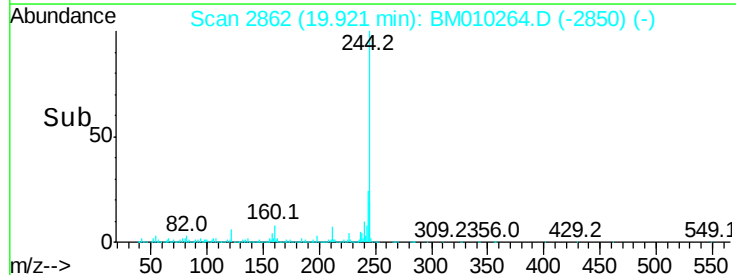
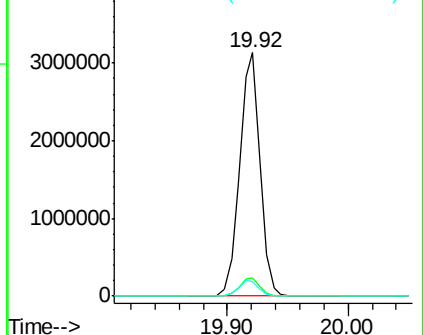
122 5.9 6.2 9.4#

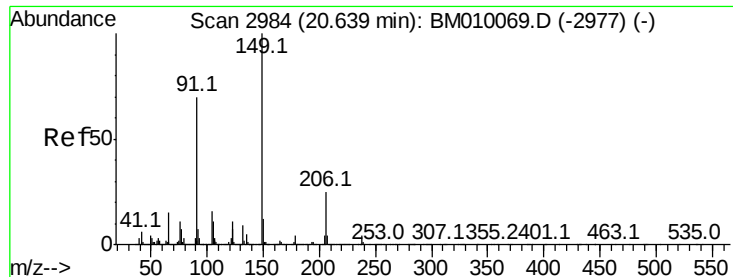


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

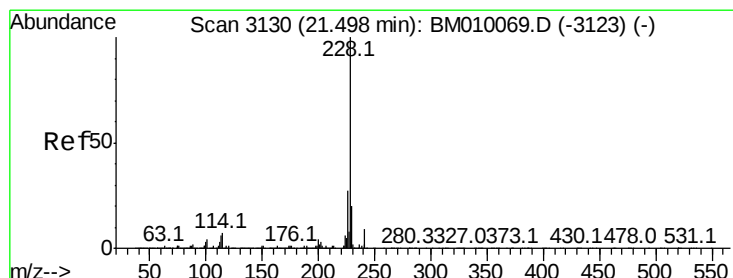
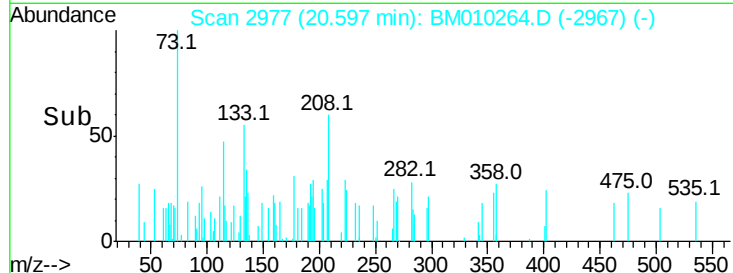
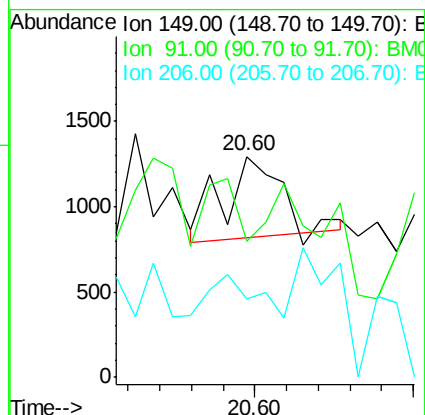
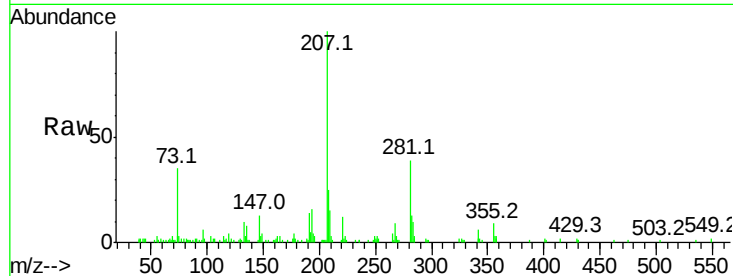




#79
 Butylbenzylphthalate
 Concen: 0.03 ng
 RT: 20.60 min Scan# 2977
 Delta R.T. -0.04 min
 Lab File: BM010264.D
 Acq: 26 May 2017 19:23

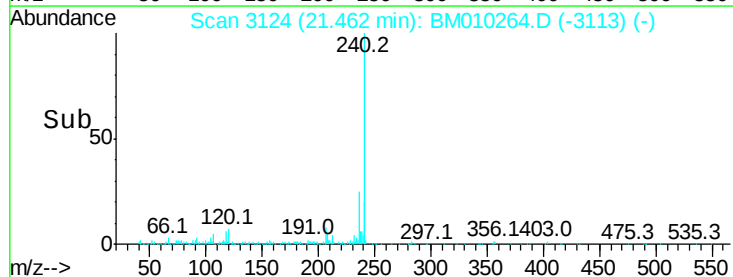
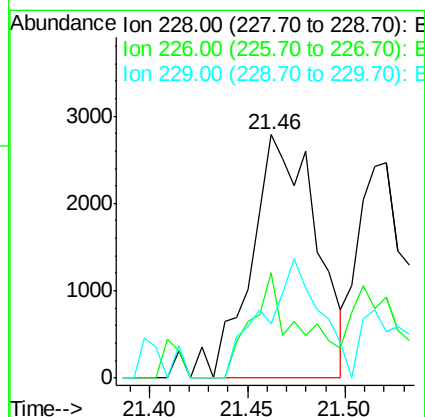
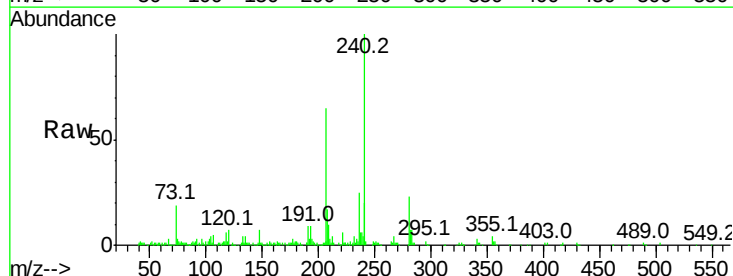
Instrument :
 BNA_M
 ClientSampled :

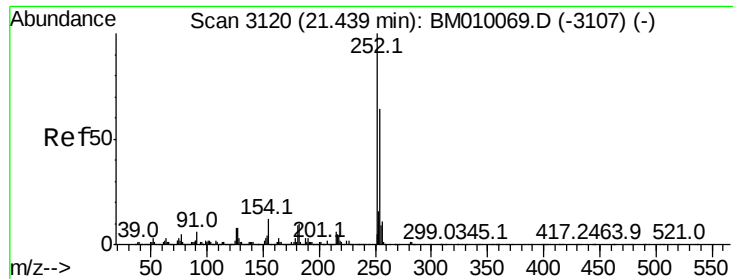
Tot Ion:149 Resp: 597
 Ion Ratio Lower Upper
 149 100
 91 61.4 50.1 75.1
 206 35.3 16.2 24.2#



#80
 Benzo(a)anthracene
 Concen: 0.13 ng
 RT: 21.46 min Scan# 3124
 Delta R.T. -0.04 min
 Lab File: BM010264.D
 Acq: 26 May 2017 19:23

Tgt Ion:228 Resp: 6407
 Ion Ratio Lower Upper
 228 100
 226 43.2 21.7 32.5#
 229 22.4 16.0 24.0

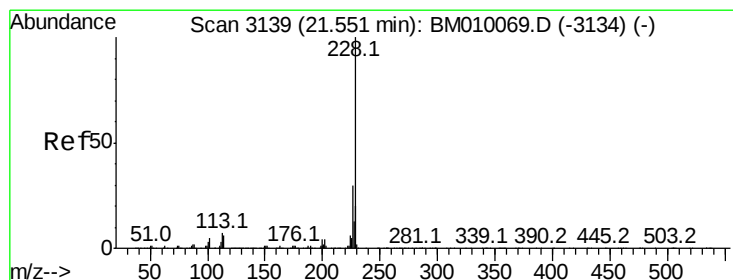
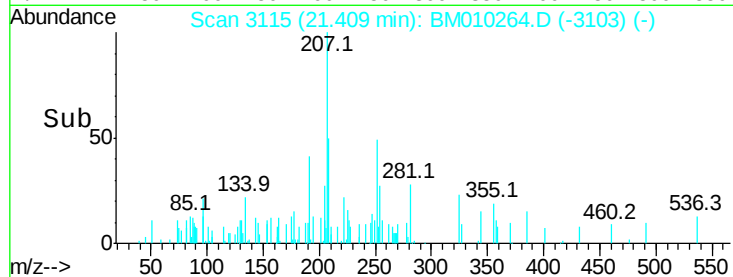
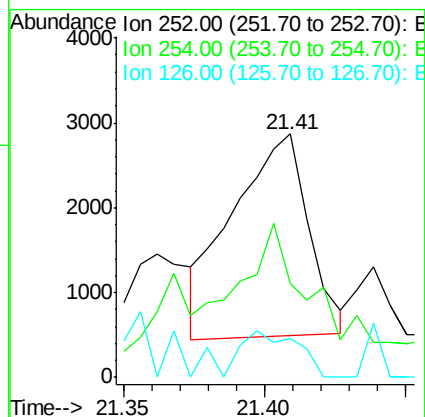
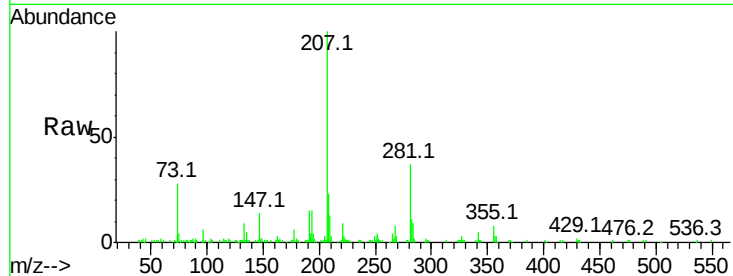




#81
 3,3'-Dichlorobenzidine
 Concen: 0.22 ng
 RT: 21.41 min Scan# 3115
 Delta R.T. -0.03 min
 Lab File: BM010264.D
 Acq: 26 May 2017 19:23

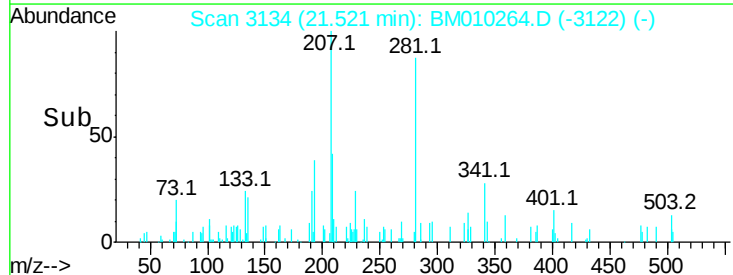
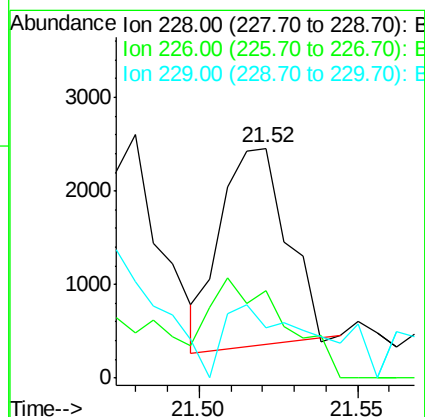
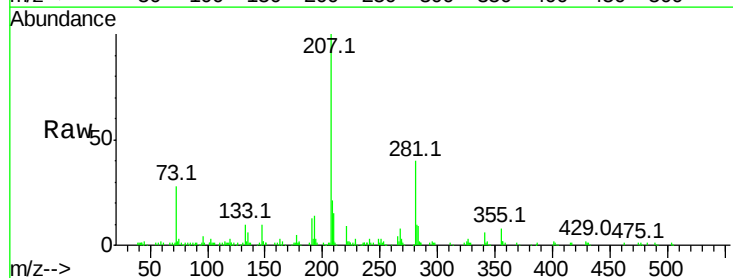
Instrument :
 BNA_M
 ClientSampleId :

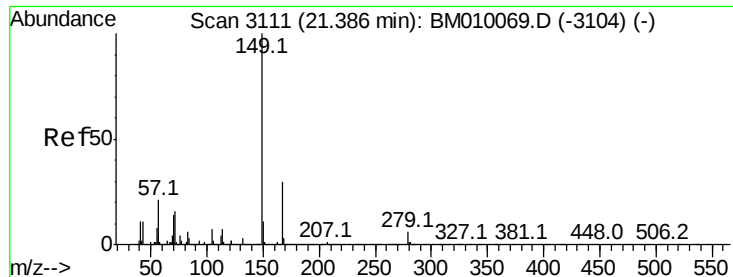
Tot Ion:252 Resp: 4456
 Ion Ratio Lower Upper
 252 100
 254 38.3 51.9 77.9#
 126 15.7 9.8 14.8#



#82
 Chrysene
 Concen: 0.06 ng
 RT: 21.52 min Scan# 3134
 Delta R.T. -0.03 min
 Lab File: BM010264.D
 Acq: 26 May 2017 19:23

Tgt Ion:228 Resp: 3060
 Ion Ratio Lower Upper
 228 100
 226 37.8 24.1 36.1#
 229 21.6 15.5 23.3

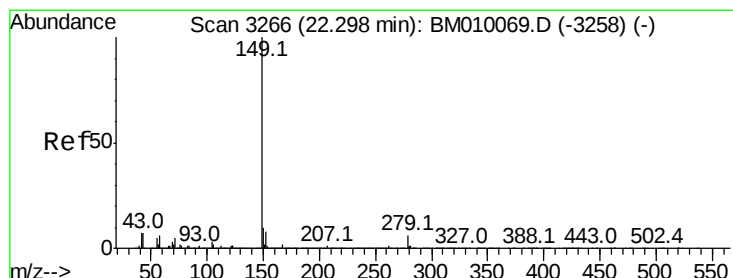
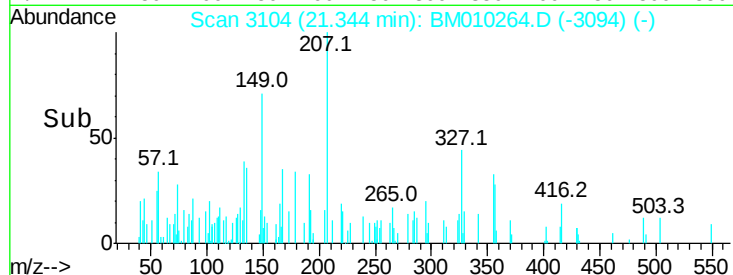
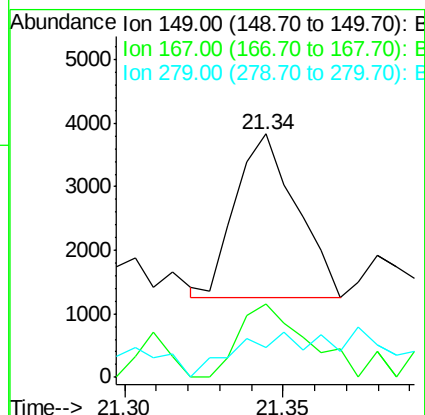
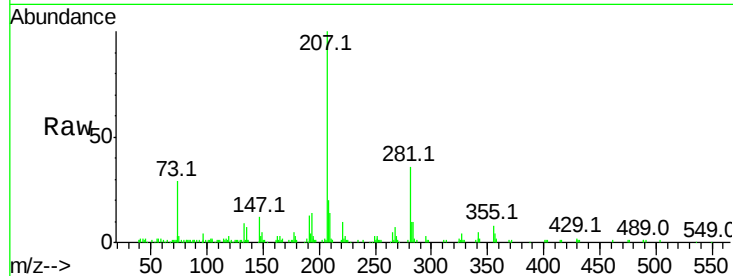




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.13 ng
 RT: 21.34 min Scan# 3104
 Delta R.T. -0.04 min
 Lab File: BM010264.D
 Acq: 26 May 2017 19:23

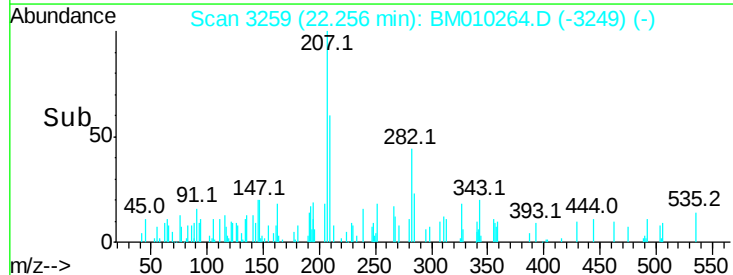
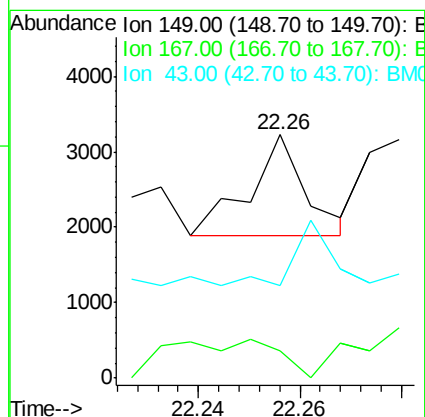
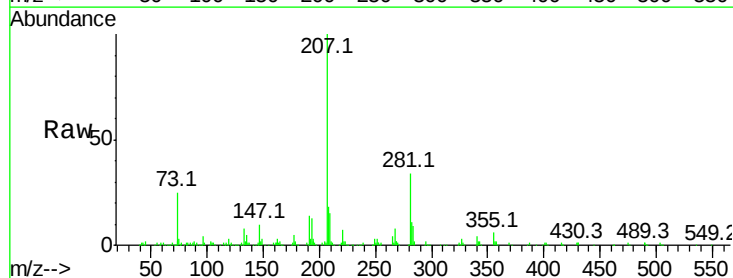
Instrument :
 BNA_M
 ClientSampled :

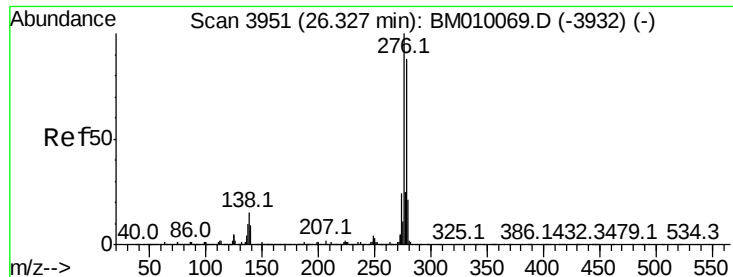
Tot Ion:149 Resp: 3444
 Ion Ratio Lower Upper
 149 100
 167 29.9 22.4 33.6
 279 12.2 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 0.02 ng
 RT: 22.26 min Scan# 3259
 Delta R.T. -0.04 min
 Lab File: BM010264.D
 Acq: 26 May 2017 19:23

Tgt Ion:149 Resp: 1012
 Ion Ratio Lower Upper
 149 100
 167 86.5 1.2 1.8#
 43 43.8 7.3 10.9#

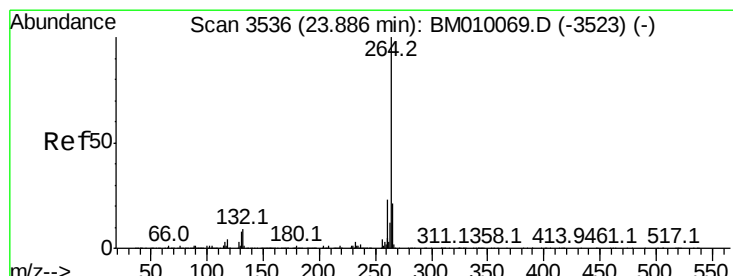
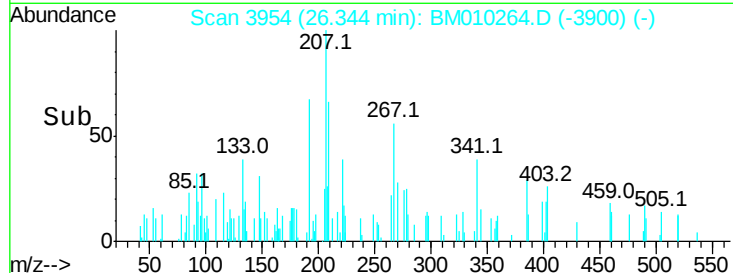
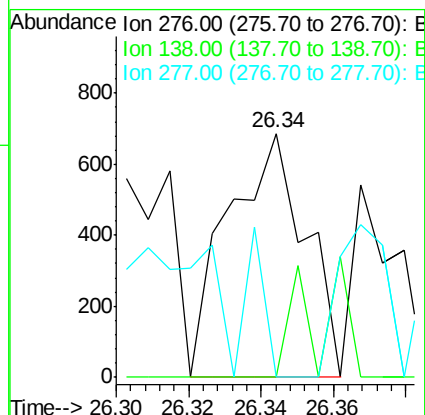
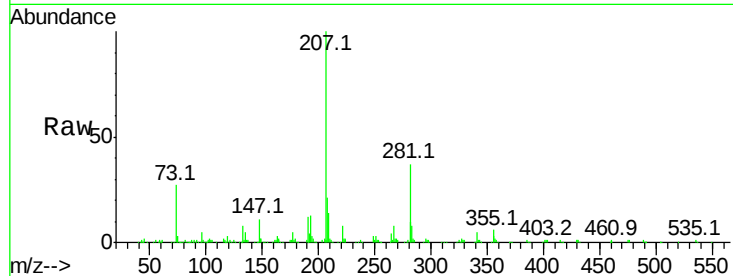




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng
RT: 26.34 min Scan# 3954
Delta R.T. 0.02 min
Lab File: BM010264.D
Acq: 26 May 2017 19:23

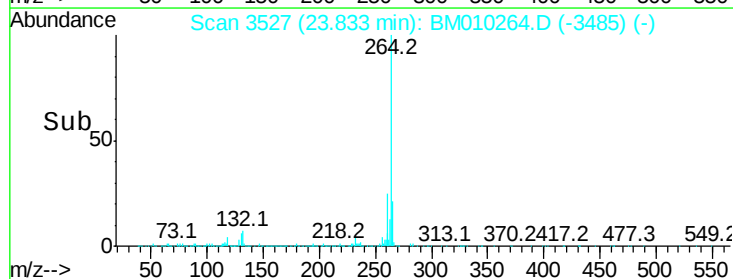
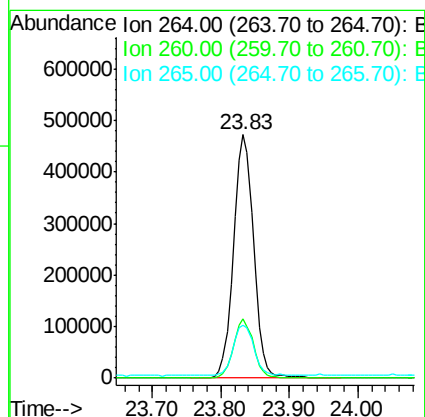
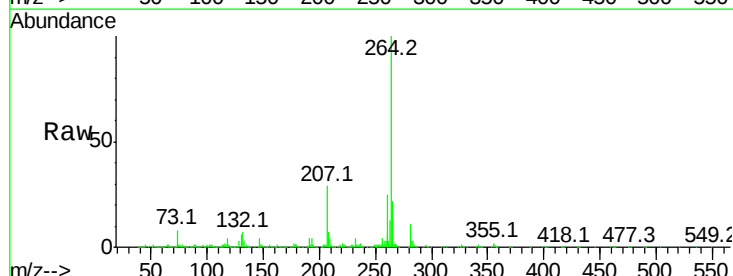
Instrument :
BNA_M
ClientSampleId :

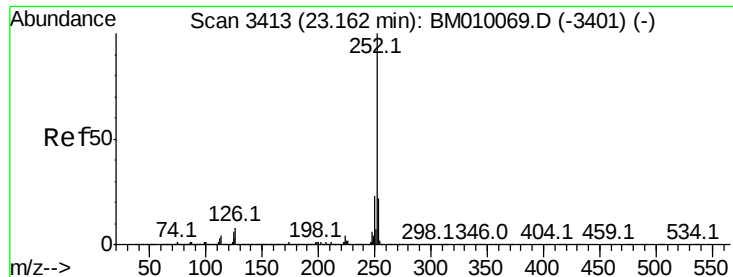
Tot Ion:	276	Resp:	1016
Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	0.0
277	0.0	0.0	0.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.83 min Scan# 3527
Delta R.T. -0.05 min
Lab File: BM010264.D
Acq: 26 May 2017 19:23

Tgt Ion:	264	Resp:	958883
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	21.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 0.05 ng

RT: 23.10 min Scan# 3403

Delta R.T. -0.06 min

Lab File: BM010264.D

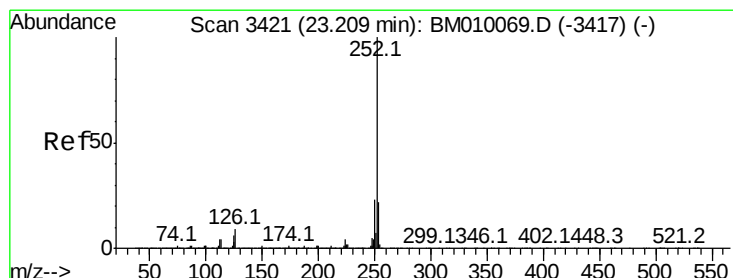
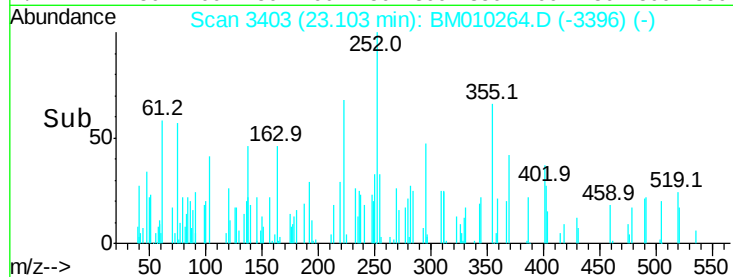
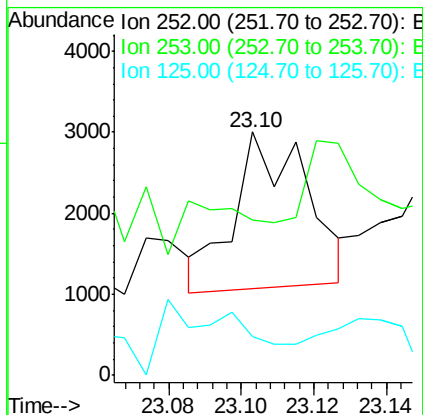
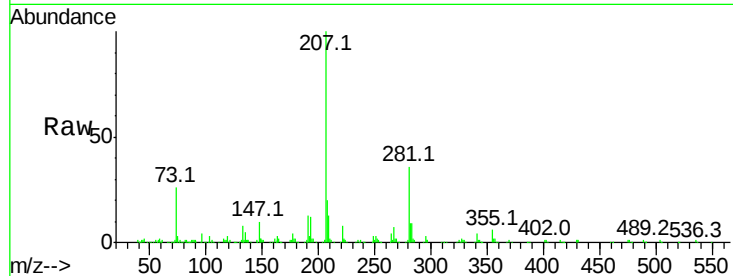
Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampled :

Tot Ion:252	Resp:	2661
Ion Ratio	Lower	Upper
252	100	
253	63.7	18.0 27.0#
125	16.0	9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 0.08 ng

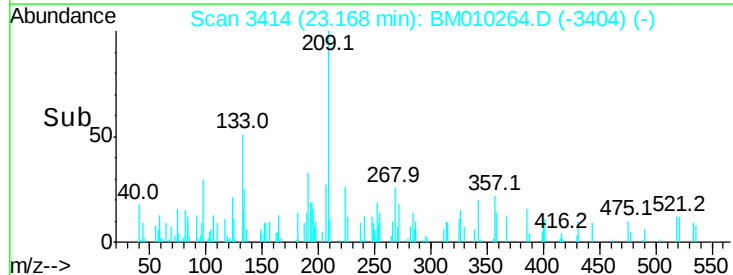
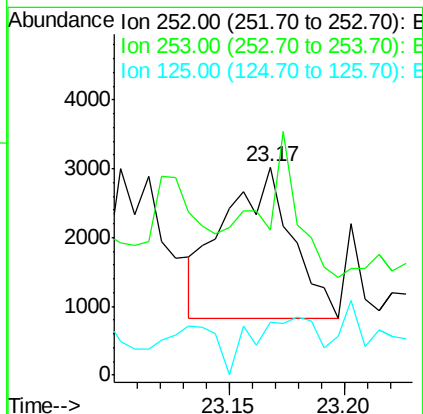
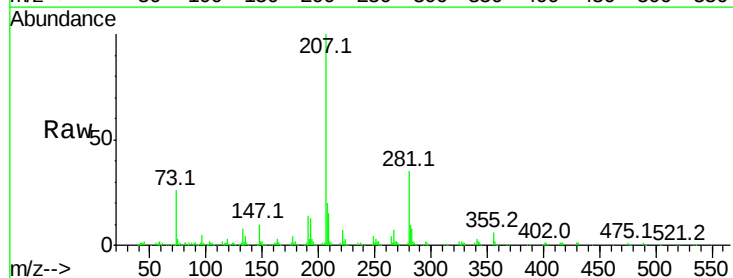
RT: 23.17 min Scan# 3414

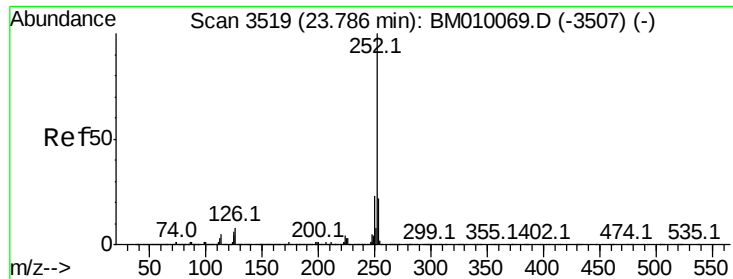
Delta R.T. -0.04 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Tgt Ion:252	Resp:	4486
Ion Ratio	Lower	Upper
252	100	
253	69.8	17.2 25.8#
125	25.7	8.1 12.1#





#89

Benzo(a)pyrene

Concen: 0.05 ng

RT: 23.73 min Scan# 3509

Delta R.T. -0.06 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

Instrument :

BNA_M

ClientSampled :

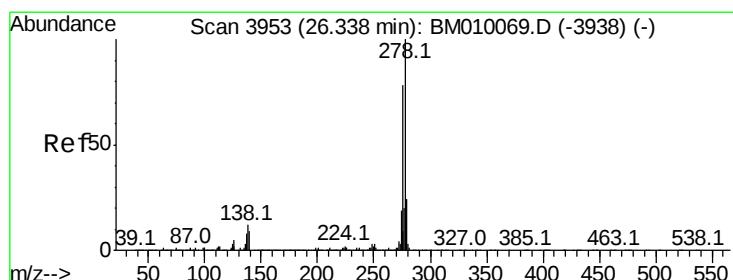
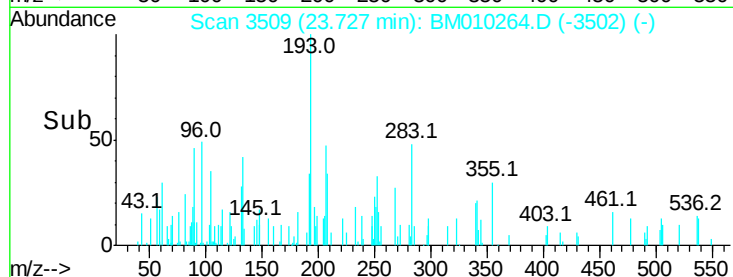
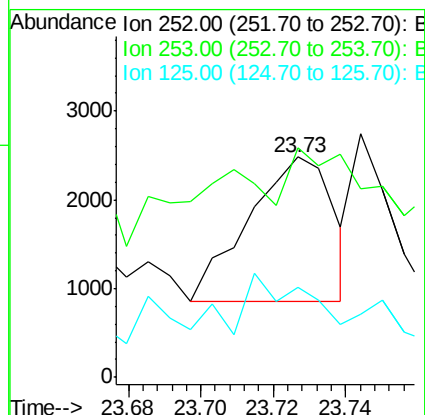
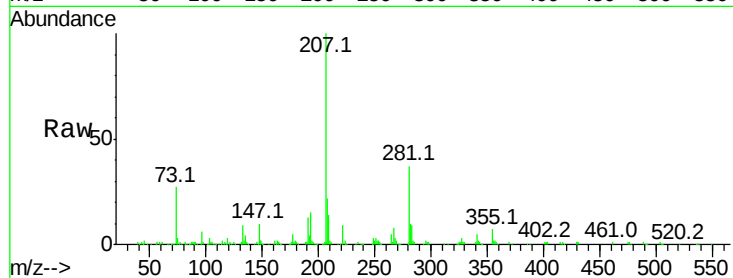
Tot Ion:252 Resp: 2628

Ion Ratio Lower Upper

252 100

253 104.3 17.6 26.4#

125 40.8 7.4 11.2#



#90

Dibenzo(a,h)anthracene

Concen: 0.19 ng

RT: 26.27 min Scan# 3941

Delta R.T. -0.07 min

Lab File: BM010264.D

Acq: 26 May 2017 19:23

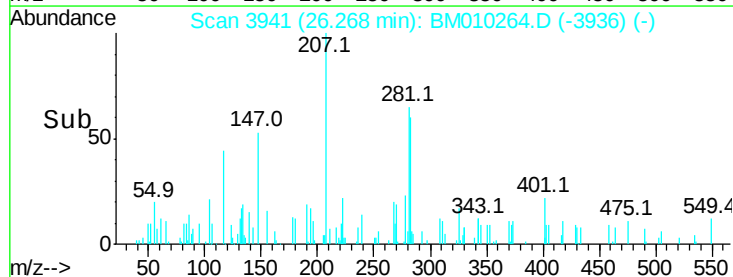
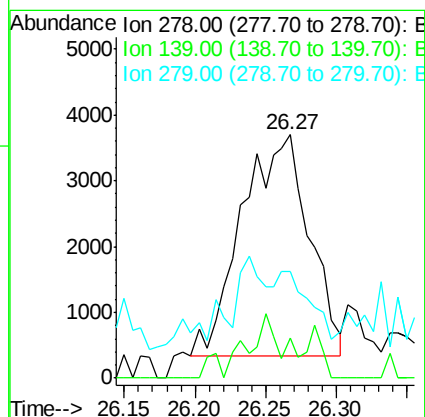
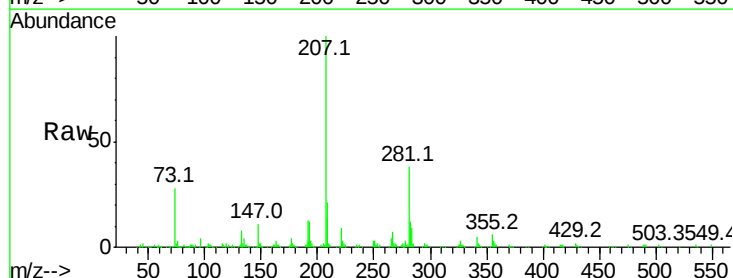
Tgt Ion:278 Resp: 11252

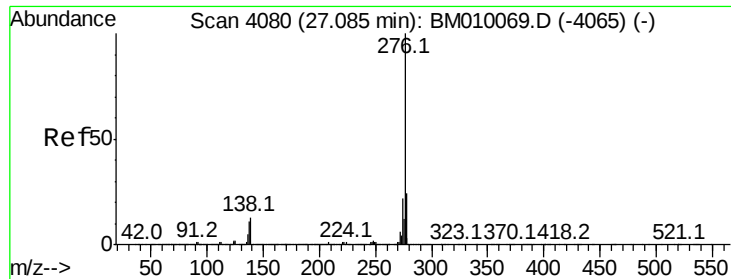
Ion Ratio Lower Upper

278 100

139 16.6 13.4 20.0

279 43.8 19.0 28.4#

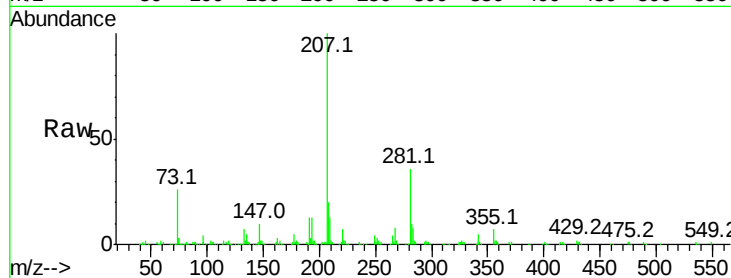




#91
 Benzo(a,h,i)perylene
 Concen: 0.01 ng
 RT: 27.05 min Scan# 4074
 Delta R.T. -0.04 min
 Lab File: BM010264.D
 Acq: 26 May 2017 19:23

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.5	27.7#
138	49.1	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

