

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010176.D
 Acq On : 24 May 2017 12:27
 Operator : SJ/MA
 Sample : PB99209BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 25 05:24:18 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	7.95	152	122459	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	414441	20.00	ng	-0.03
38) Acenaphthene-d10	14.59	164	265800	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	647506	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1022987	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1173957	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	595395	87.80	ng	-0.02
7) Phenol-d6	7.14	99	743659	85.22	ng	-0.03
23) Nitrobenzene-d5	9.14	82	772573	100.57	ng	-0.03
41) 2,4,6-Tribromophenol	16.08	330	371327	91.98	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	1980627	95.79	ng	-0.03
78) Terphenyl-d14	19.93	244	3441656	76.50	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	119424	38.33	ng	# 100
3) Pyridine	3.85	79	317483	38.06	ng	90
4) n-Nitrosodimethylamine	3.76	42	161308	53.47	ng	# 80
6) Aniline	7.30	93	308462	28.53	ng	90
8) 2-Chlorophenol	7.53	128	313960	42.55	ng	96
9) Benzaldehyde	7.12	77	89179	16.42	ng	89
10) Phenol	7.17	94	393980	42.84	ng	92
11) bis(2-Chloroethyl)ether	7.39	93	270356	39.44	ng	95
12) 1,3-Dichlorobenzene	7.83	146	379961	40.53	ng	# 92
13) 1,4-Dichlorobenzene	7.99	146	387440	40.23	ng	94
14) 1,2-Dichlorobenzene	8.30	146	367447	39.75	ng	96
15) Benzyl Alcohol	8.22	79	306167	46.37	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.47	45	226079	33.55	ng	78
17) 2-Methylphenol	8.41	107	262922	40.18	ng	# 84
18) Hexachloroethane	9.02	117	130665	41.85	ng	# 75
19) n-Nitroso-di-n-propylamine	8.76	70	260823	42.35	ng	92
20) 3+4-Methylphenols	8.75	107	351217	39.74	ng	88
22) Acetophenone	8.79	105	473680	44.59	ng	# 97
24) Nitrobenzene	9.18	77	400118	50.56	ng	93
25) Isophorone	9.69	82	622752	46.92	ng	# 90
26) 2-Nitrophenol	9.89	139	150272	45.05	ng	# 57
27) 2,4-Dimethylphenol	9.93	122	271495	45.08	ng	86
28) bis(2-Chloroethoxy)methane	10.17	93	349942	41.54	ng	99
29) 2,4-Dichlorophenol	10.41	162	339948	49.02	ng	100
30) 1,2,4-Trichlorobenzene	10.61	180	407561	45.42	ng	98
31) Naphthalene	10.81	128	895231	40.38	ng	99
32) Benzoic acid	10.07	122	169364	41.26	ng	91
33) 4-Chloroaniline	10.95	127	110225	12.91	ng	# 85
34) Hexachlorobutadiene	11.06	225	282206	47.15	ng	98
35) Caprolactam	11.75	113	78455	39.43	ng	# 74
36) 4-Chloro-3-methylphenol	12.06	107	323842	43.12	ng	86
37) 2-Methylnaphthalene	12.41	142	708291	44.37	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	477161	46.68	ng	# 100
40) Hexachlorocyclopentadiene	12.73	237	681070	115.40	ng	100

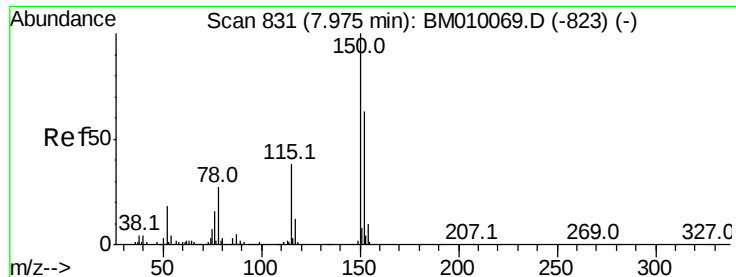
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	291973	48.50	nq	96
43) 2,4,5-Trichlorophenol	13.10	196	313632	47.15	nq #	94
45) 1,1'-Biphenyl	13.42	154	974343	44.58	nq	98
46) 2-Chloronaphthalene	13.47	162	765070	43.23	nq	97
47) 2-Nitroaniline	13.70	65	212107	46.61	nq #	80
48) Acenaphthylene	14.32	152	1171838	44.78	nq	98
49) Dimethylphthalate	14.05	163	986105	41.59	nq #	98
50) 2,6-Dinitrotoluene	14.18	165	204825	45.50	nq #	81
51) Acenaphthene	14.65	154	710903	43.70	nq	100
52) 3-Nitroaniline	14.53	138	115028	27.49	nq #	67
53) 2,4-Dinitrophenol	14.72	184	252456	84.05	nq #	86
54) Dibenzofuran	14.99	168	1220032	47.69	nq	96
55) 4-Nitrophenol	14.84	139	303449	90.11	nq #	27
56) 2,4-Dinitrotoluene	14.96	165	290975	45.68	nq #	81
57) Fluorene	15.63	166	991257	44.56	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.21	232	305274	53.88	nq #	100
59) Diethylphthalate	15.40	149	931476	41.55	nq	98
60) 4-Chlorophenyl-phenylether	15.62	204	559427	44.79	nq	99
61) 4-Nitroaniline	15.70	138	167118	39.34	nq #	25
62) Azobenzene	15.92	77	927928	56.30	nq	88
64) 4,6-Dinitro-2-methylphenol	15.72	198	177410	44.85	nq	77
65) n-Nitrosodiphenylamine	15.84	169	850085	43.81	nq	98
66) 4-Bromophenyl-phenylether	16.52	248	370673	44.72	nq	94
67) Hexachlorobenzene	16.61	284	414481	41.16	nq	95
68) Atrazine	16.79	200	348673	47.39	nq	97
69) Pentachlorophenol	16.97	266	514595	93.03	nq	98
70) Phenanthrene	17.37	178	1606914	44.36	nq	100
71) Anthracene	17.46	178	1637748	45.55	nq	100
72) Carbazole	17.75	167	1425594	44.79	nq	99
73) Di-n-butylphthalate	18.27	149	1532565	40.61	nq #	98
74) Fluoranthene	19.37	202	2091047	44.45	nq	97
76) Benzidine	19.58	184	1288074	68.26	nq	98
77) Pyrene	19.74	202	2179684	39.74	nq	99
79) Butylbenzylphthalate	20.62	149	772775	38.06	nq #	86
80) Benzo(a)anthracene	21.47	228	2522653	44.74	nq	99
81) 3,3'-Dichlorobenzidine	21.42	252	705304	31.10	nq #	97
82) Chrysene	21.53	228	2300262	43.02	nq	99
83) Bis(2-ethylhexyl)phthalate	21.36	149	1146399	37.76	nq #	99
84) Di-n-octyl phthalate	22.26	149	2169399	39.91	nq #	98
85) Indeno(1,2,3-cd)pyrene	26.27	276	4111652	52.44	nq #	100
87) Benzo(b)fluoranthene	23.13	252	3067829	44.65	nq #	92
88) Benzo(k)fluoranthene	23.18	252	2998125	44.54	nq #	95
89) Benzo(a)pyrene	23.75	252	3003345	45.87	nq #	97
90) Dibenzo(a,h)anthracene	26.29	278	3464874	47.33	nq #	92
91) Benzo(g,h,i)perylene	27.03	276	3356430	46.79	nq #	86

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

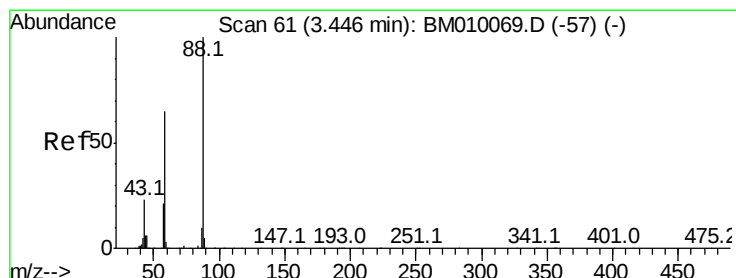
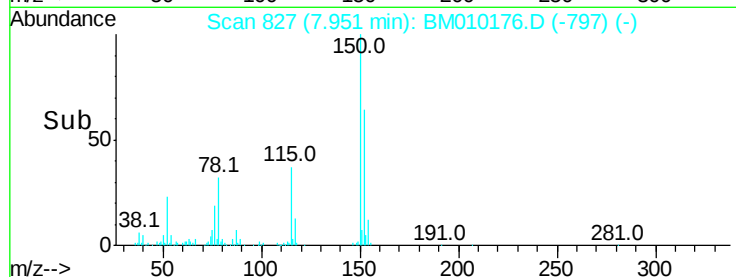
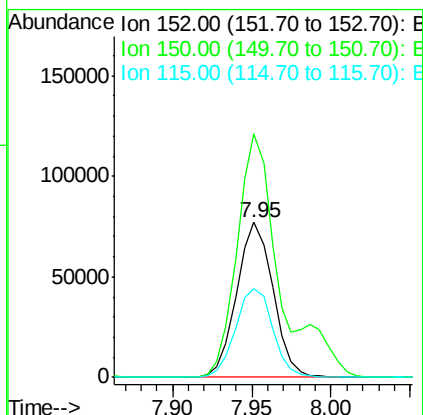
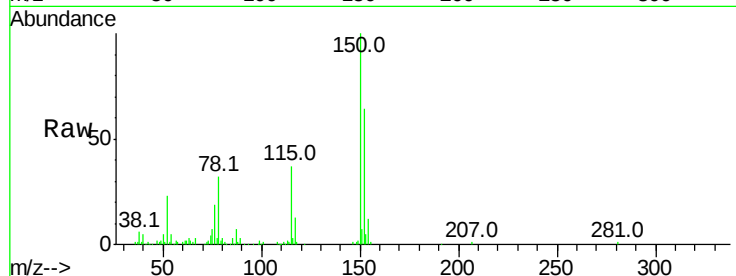


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

Instrument :
BNA_M
ClientSampleId :

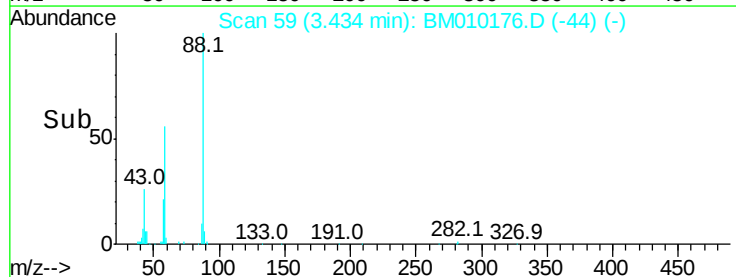
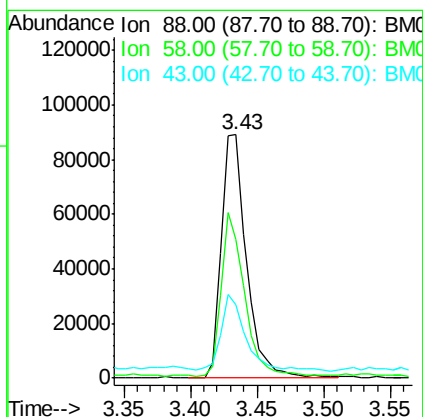
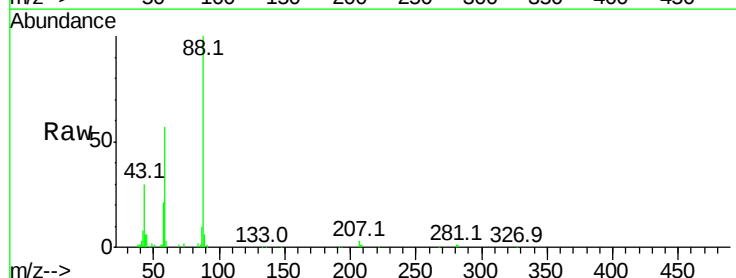
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	119.5	179.3
115	57.8	43.0	64.4

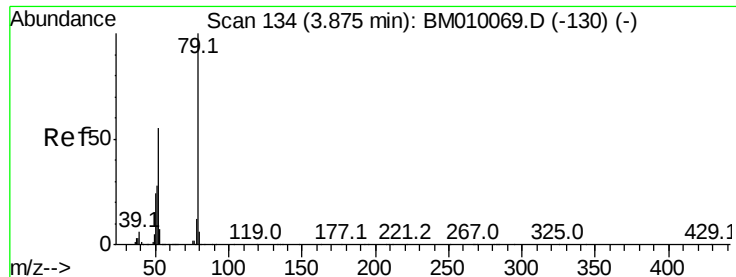


#2

1,4-Dioxane
Concen: 38.33 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.1	0.0	0.0#
43	28.5	0.0	0.0#





#3

Pvridine

Concen: 38.06 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.03 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampleId :

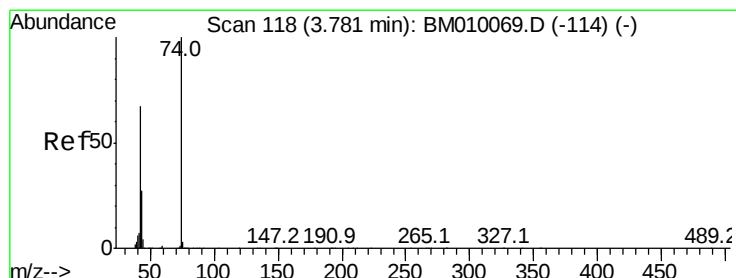
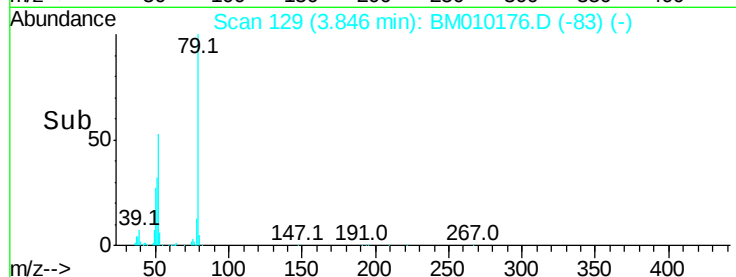
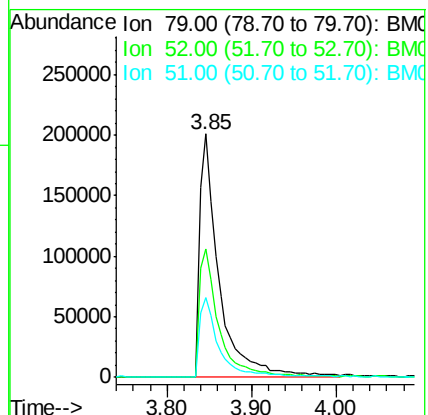
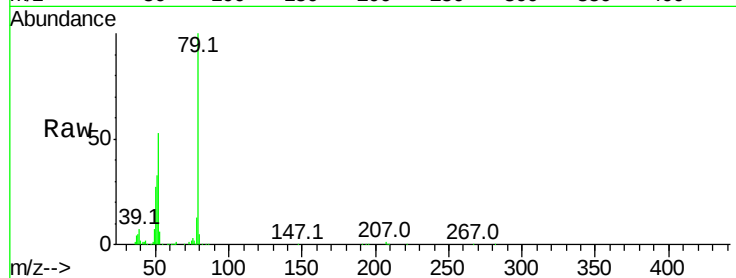
Tot Ion: 79 Resp: 317483

Ion Ratio Lower Upper

79 100

52 52.6 51.1 76.7

51 32.8 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 53.47 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

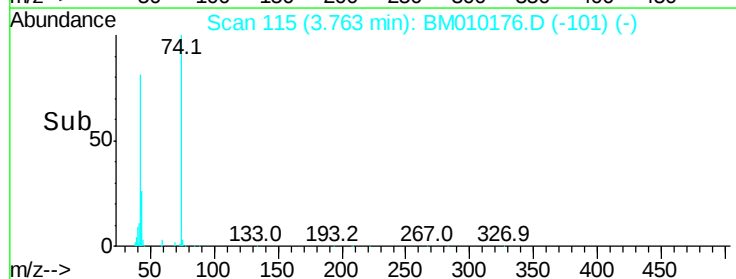
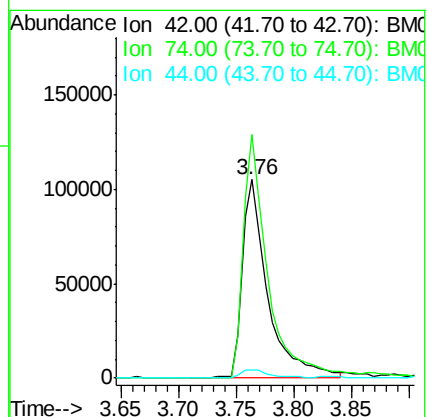
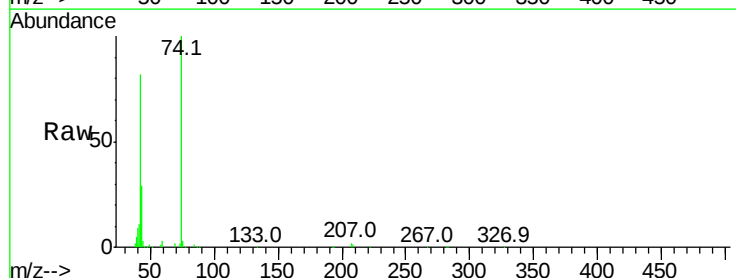
Tgt Ion: 42 Resp: 161308

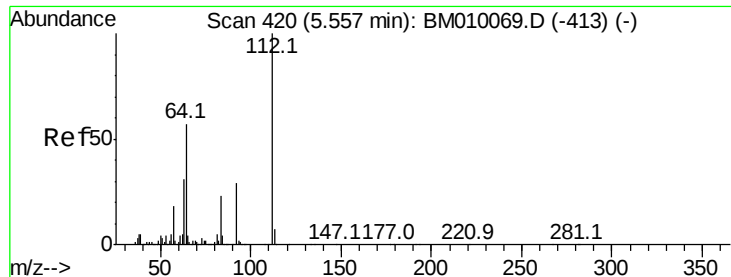
Ion Ratio Lower Upper

42 100

74 122.5 119.3 178.9

44 3.9 5.4 8.2#





#5

2-Fluorophenol

Concen: 87.80 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampleId :

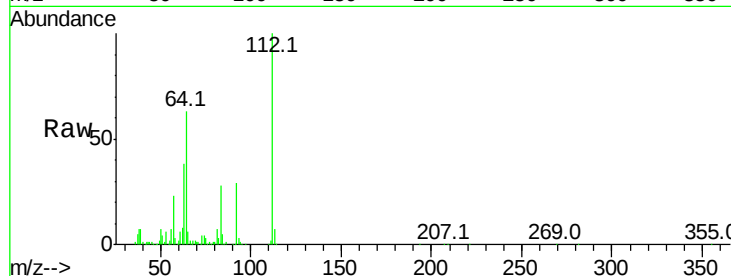
Tot Ion: 112 Resp: 595395

Ion Ratio Lower Upper

112 100

64 63.4 38.6 57.8#

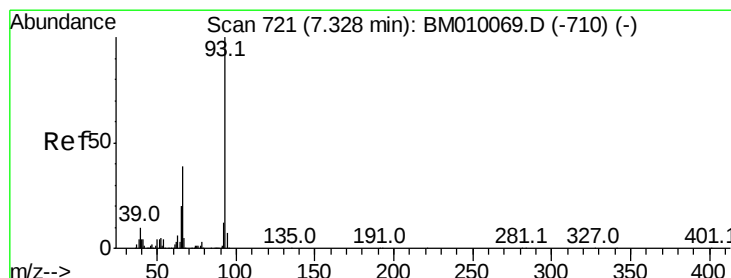
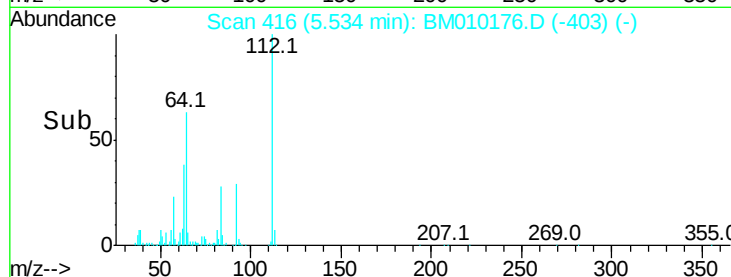
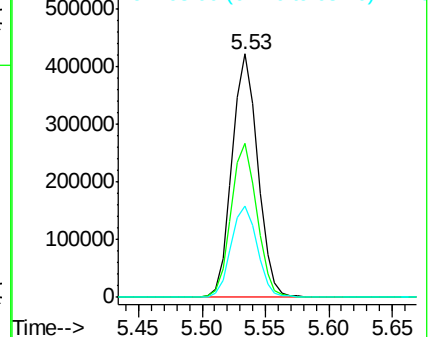
63 37.6 19.3 28.9#



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



#6

Aniline

Concen: 28.53 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

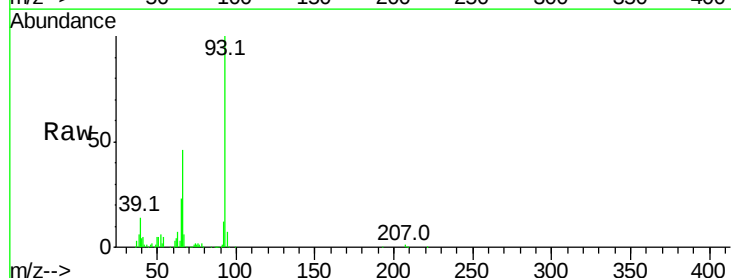
Tgt Ion: 93 Resp: 308462

Ion Ratio Lower Upper

93 100

66 45.6 30.8 46.2

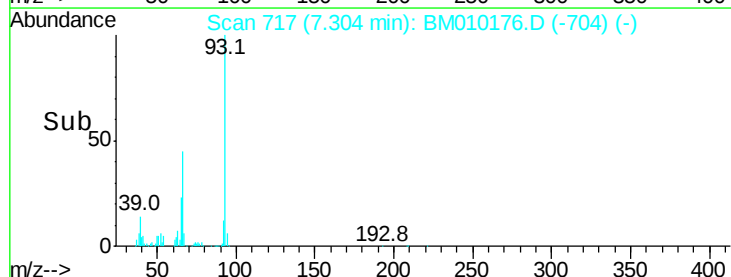
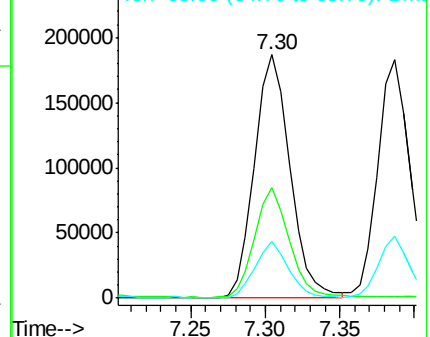
65 23.4 16.0 24.0

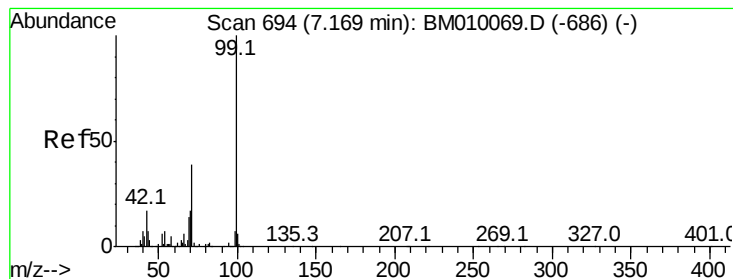


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 85.22 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampleId :

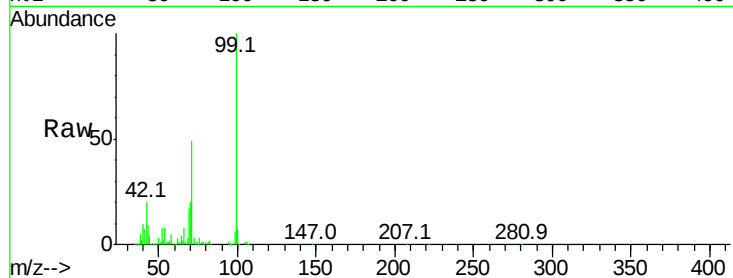
Tot Ion: 99 Resp: 743659

Ion Ratio Lower Upper

99 100

42 20.3 11.0 16.4#

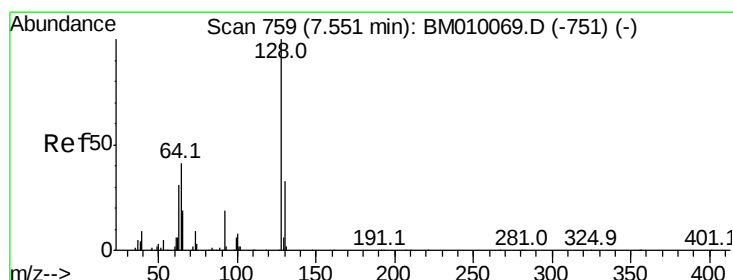
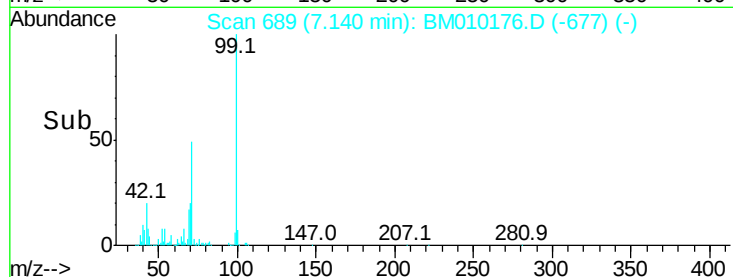
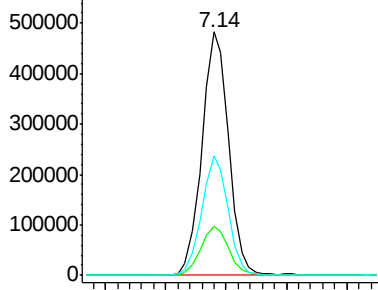
71 48.8 23.4 35.2#



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: 42.55 ng

RT: 7.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

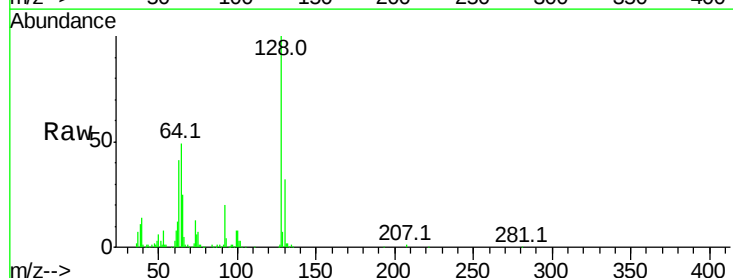
Tgt Ion: 128 Resp: 313960

Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

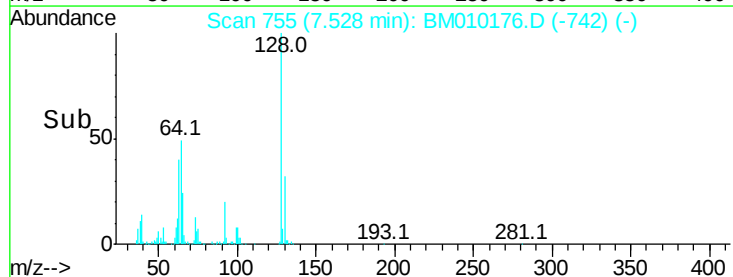
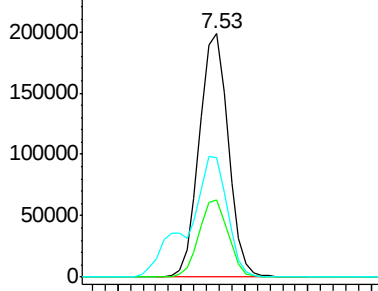
64 49.0 24.9 64.9

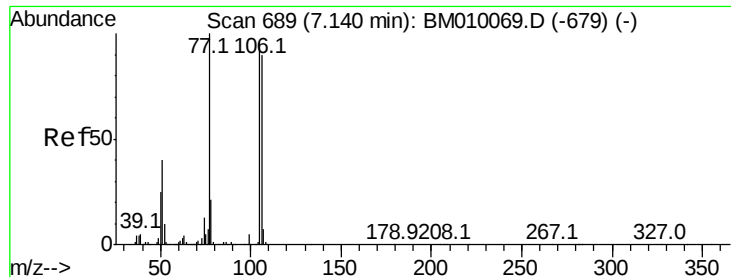


Abundance Ion 128.00 (127.70 to 128.70): BM010069.D (-751) (-)

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: 16.42 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampleId :

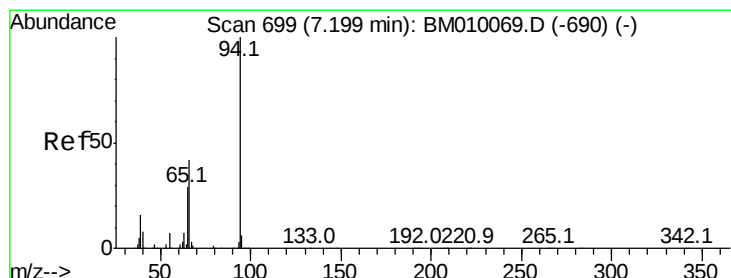
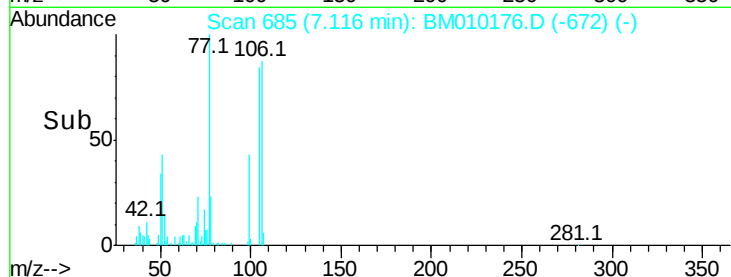
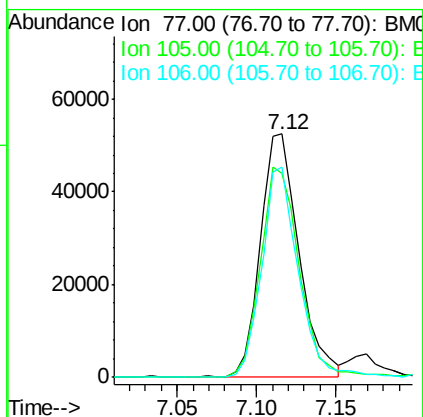
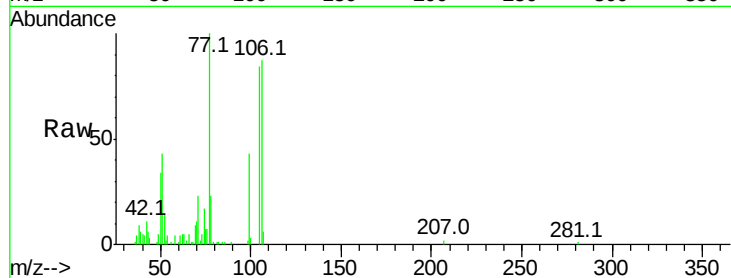
Tot Ion: 77 Resp: 89179

Ion Ratio Lower Upper

77 100

105 83.9 78.8 118.8

106 86.6 73.7 113.7



#10

Phenol

Concen: 42.84 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.03 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

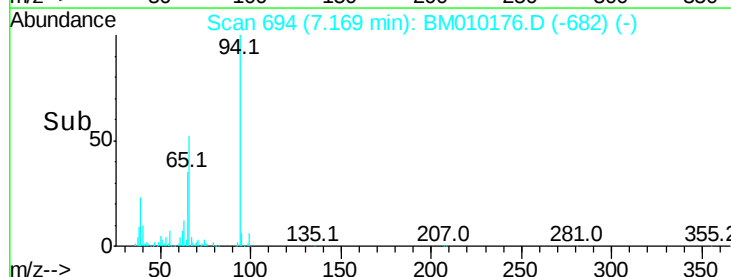
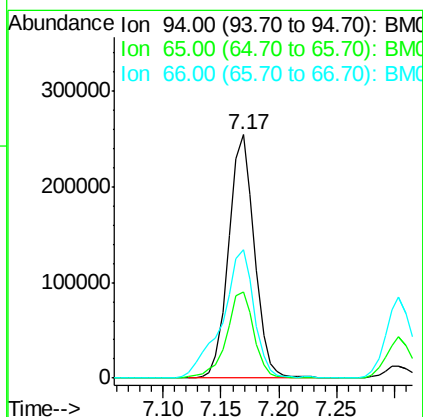
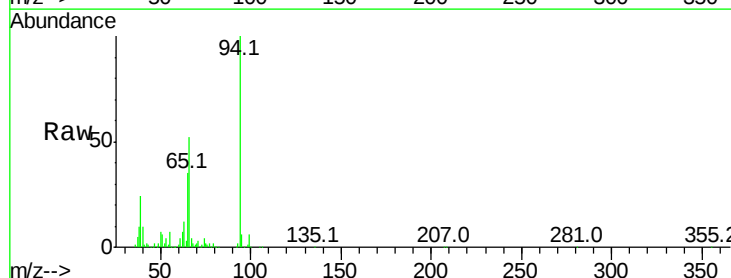
Tgt Ion: 94 Resp: 393980

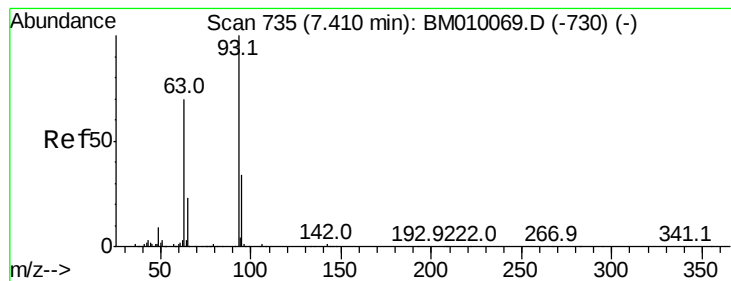
Ion Ratio Lower Upper

94 100

65 35.4 18.8 58.8

66 52.5 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 39.44 ng

RT: 7.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampleId :

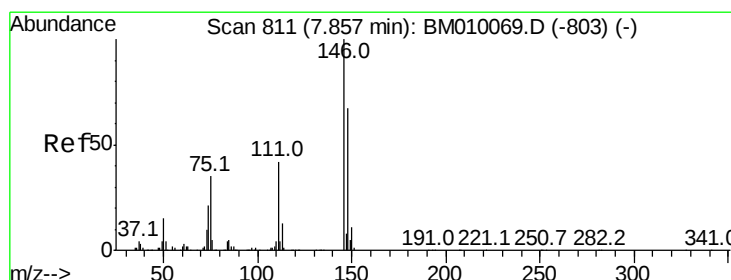
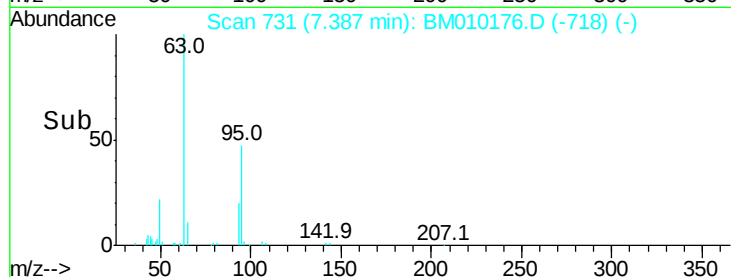
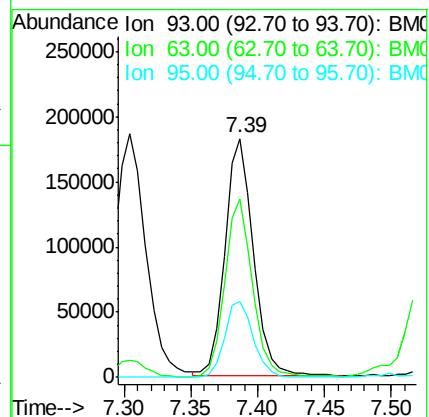
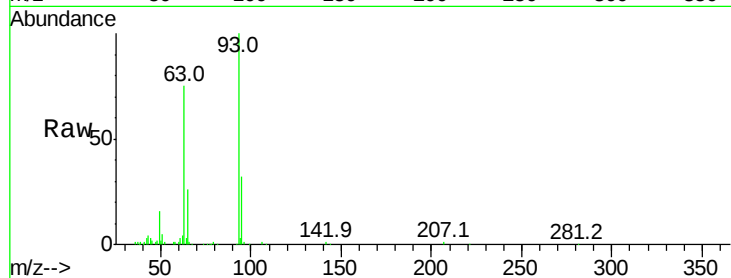
Tot Ion: 93 Resp: 270356

Ion Ratio Lower Upper

93 100

63 74.6 49.5 89.5

95 32.1 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 40.53 ng

RT: 7.83 min Scan# 807

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

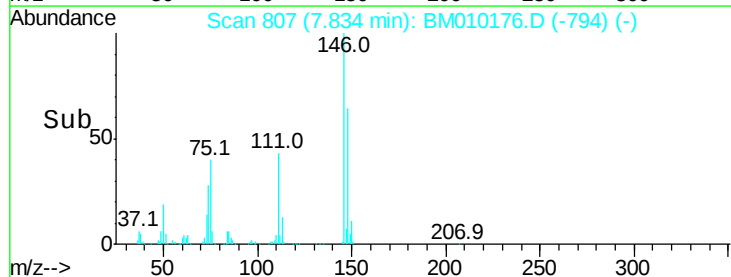
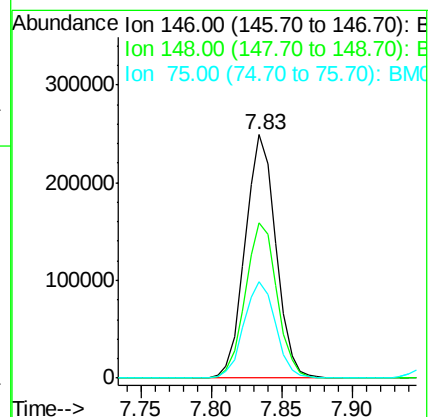
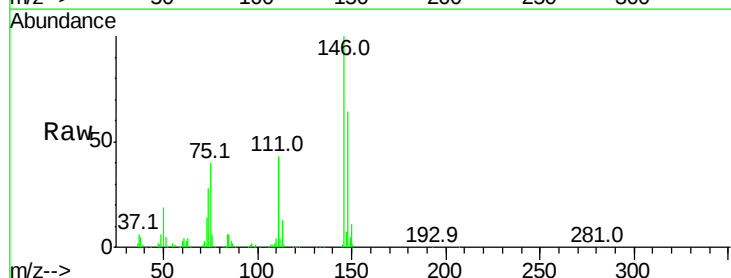
Tgt Ion: 146 Resp: 379961

Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

75 39.9 21.4 32.2#

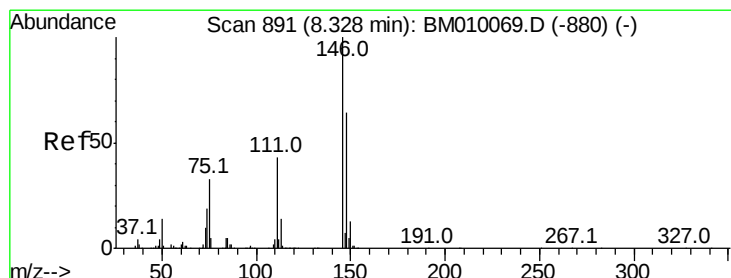
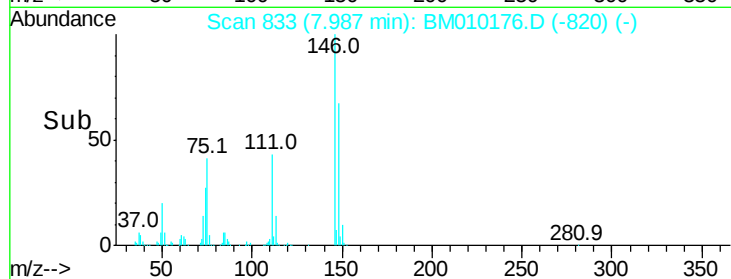
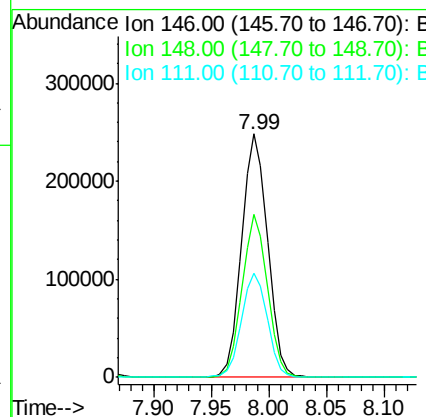
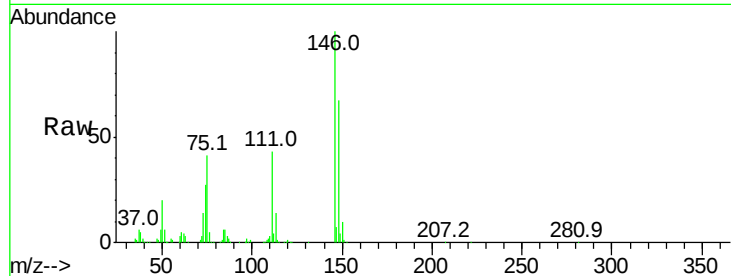




#13
 1,4-Dichlorobenzene
 Concen: 40.23 ng
 RT: 7.99 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BM010176.D
 Acq: 24 May 2017 12:27

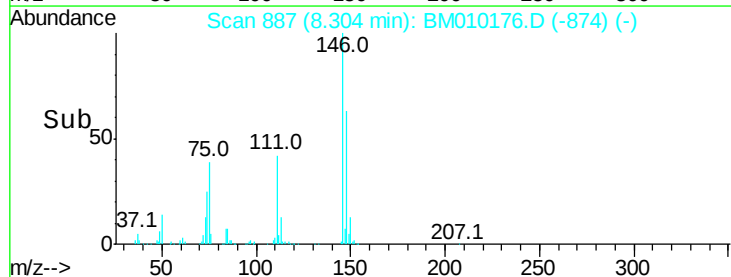
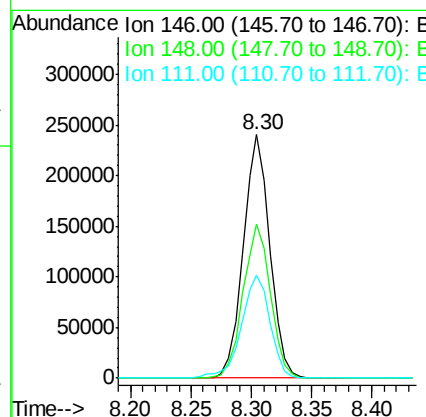
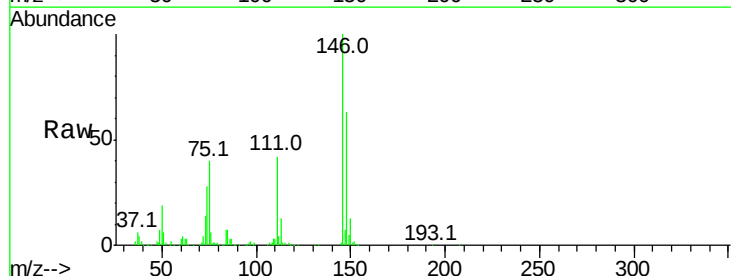
Instrument :
 BNA_M
 ClientSampleId :

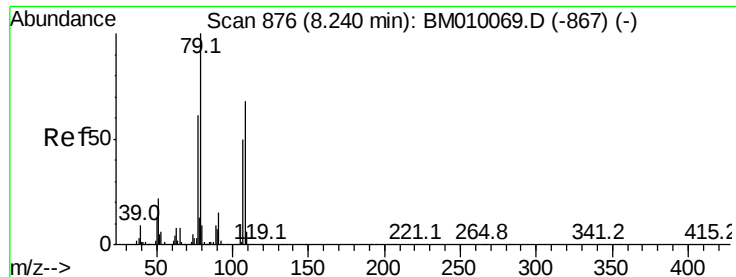
Tot Ion:146 Resp: 387440
 Ion Ratio Lower Upper
 146 100
 148 66.9 51.9 77.9
 111 43.0 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 39.75 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BM010176.D
 Acq: 24 May 2017 12:27

Tgt Ion:146 Resp: 367447
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.3 78.5
 111 42.1 30.6 45.8





#15

Benzyl Alcohol

Concen: 46.37 ng

RT: 8.22 min Scan# 872

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampled :

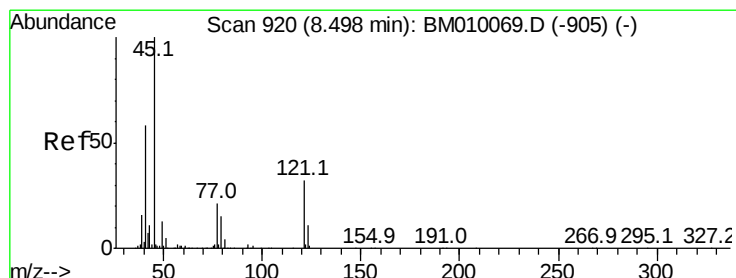
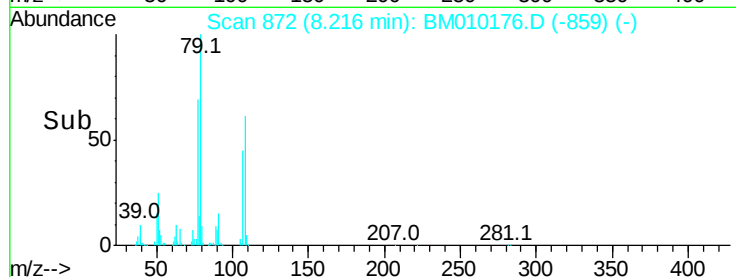
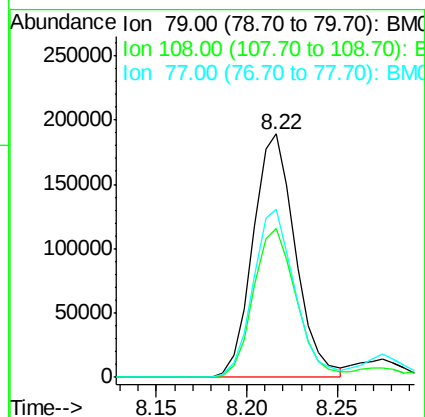
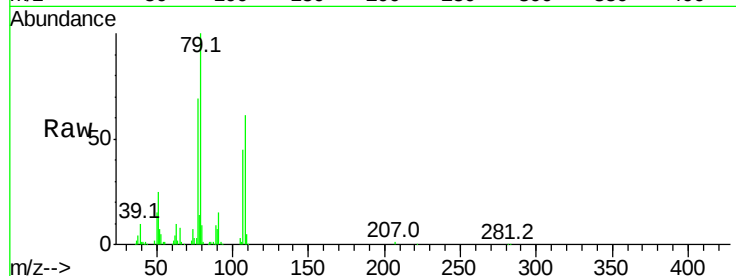
Tot Ion: 79 Resp: 306167

Ion Ratio Lower Upper

79 100

108 60.9 65.0 97.4#

77 69.1 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.55 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

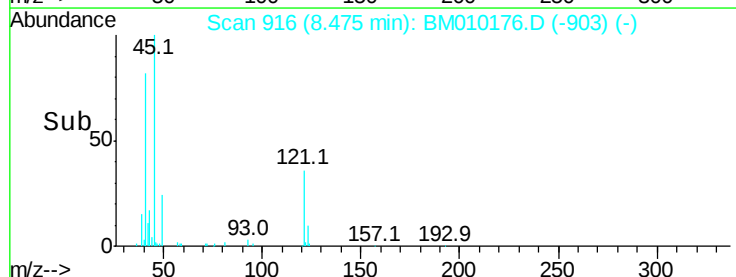
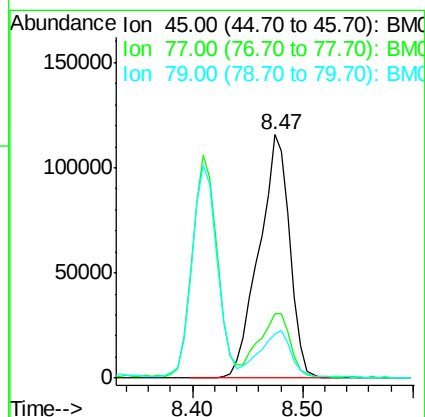
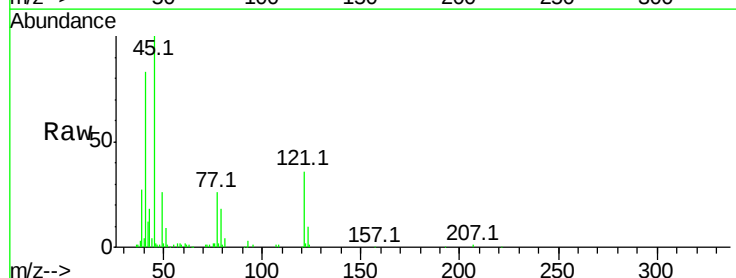
Tgt Ion: 45 Resp: 226079

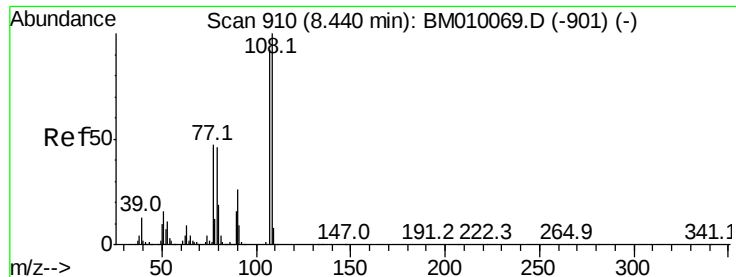
Ion Ratio Lower Upper

45 100

77 26.2 0.0 35.2

79 18.3 0.0 32.0





#17

2-Methylphenol

Concen: 40.18 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.03 min

Lab File: BM010176.D

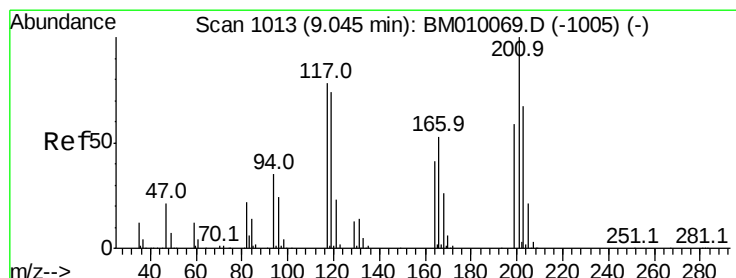
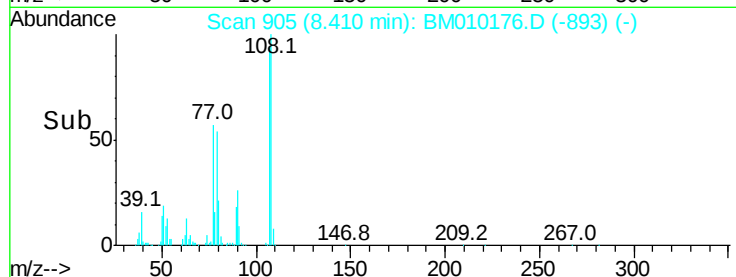
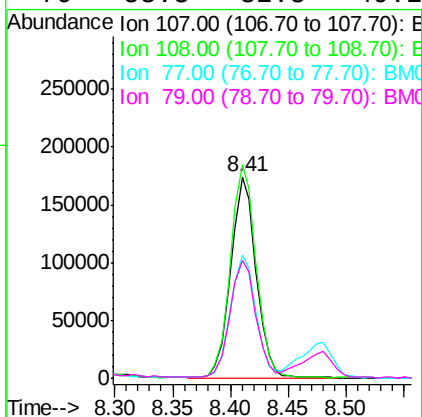
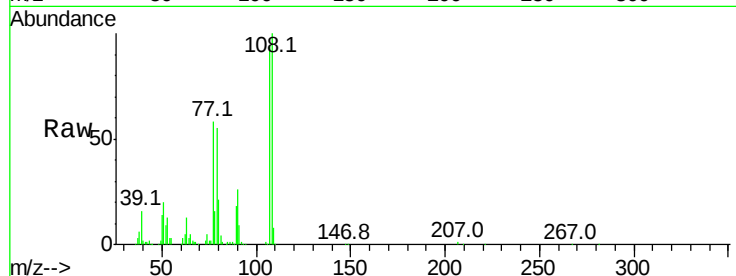
Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampled :

Tot Ion:	107	Resp:	262922
Ion	Ratio	Lower	Upper
107	100		
108	106.1	89.8	134.8
77	61.1	32.6	48.8#
79	58.3	32.8	49.2#



#18

Hexachloroethane

Concen: 41.85 ng

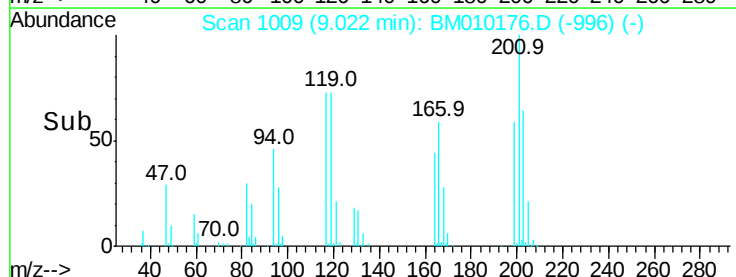
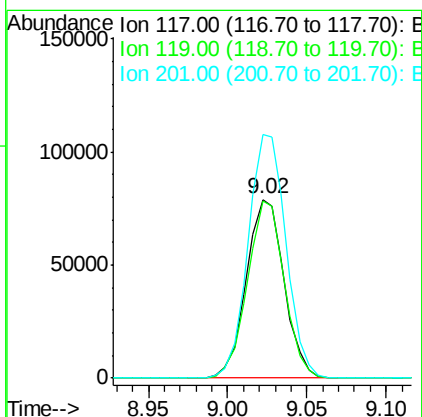
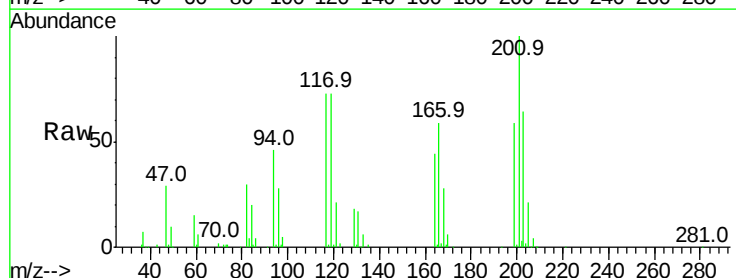
RT: 9.02 min Scan# 1009

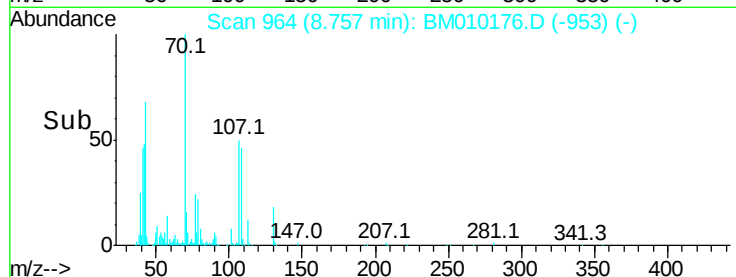
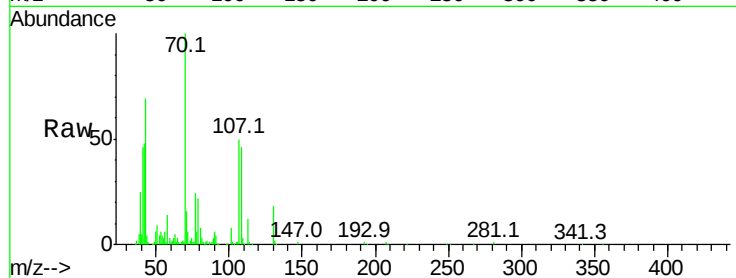
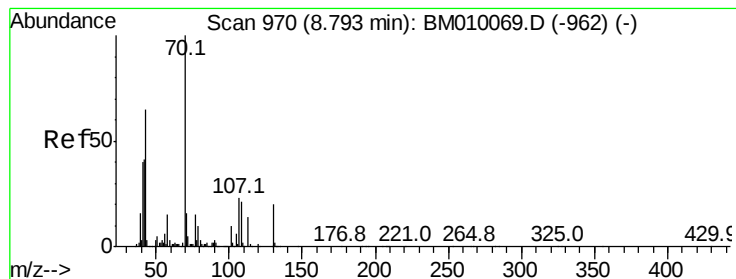
Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Tgt Ion:	117	Resp:	130665
Ion	Ratio	Lower	Upper
117	100		
119	99.0	79.2	118.8
201	136.4	69.8	104.6#





#19

n-Nitroso-di-n-propylamine

Concen: 42.35 ng

RT: 8.76 min Scan# 964

Delta R.T. -0.04 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 260823

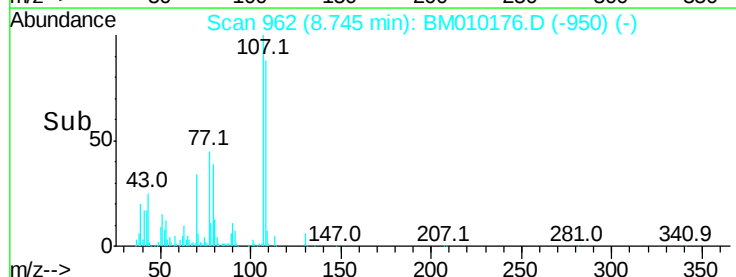
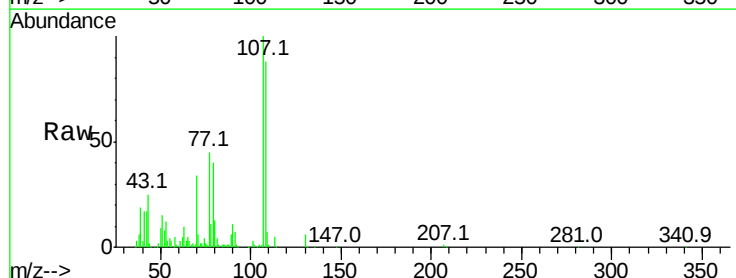
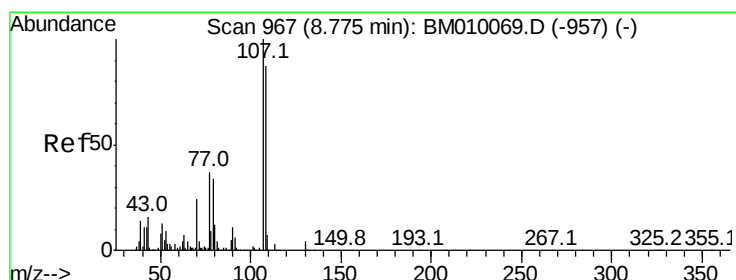
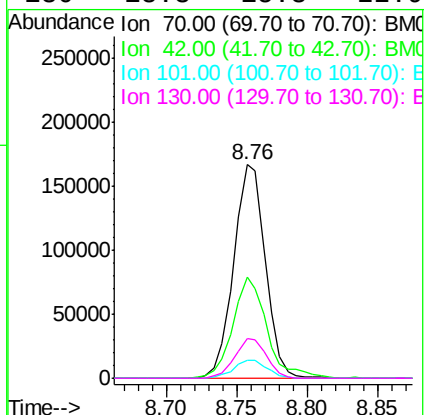
Ion Ratio Lower Upper

70 100

42 47.5 44.5 66.7

101 8.2 7.4 11.2

130 18.3 15.3 22.9



#20

3+4-Methylphenols

Concen: 39.74 ng

RT: 8.75 min Scan# 962

Delta R.T. -0.03 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Tgt Ion: 107 Resp: 351217

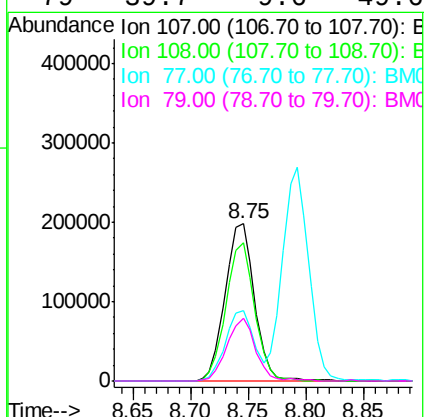
Ion Ratio Lower Upper

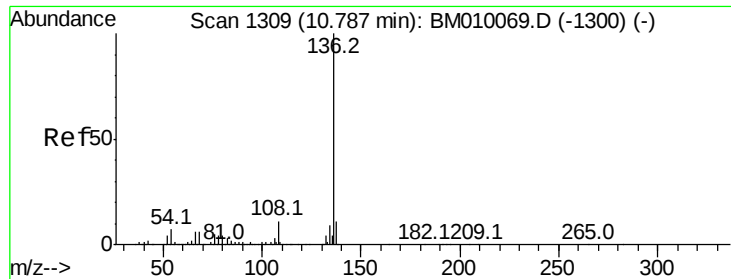
107 100

108 87.6 73.2 113.2

77 44.9 10.7 50.7

79 39.7 9.6 49.6

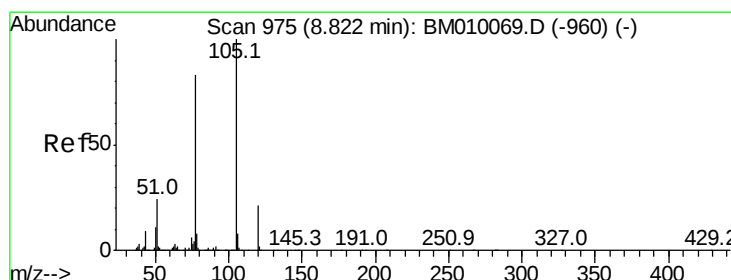
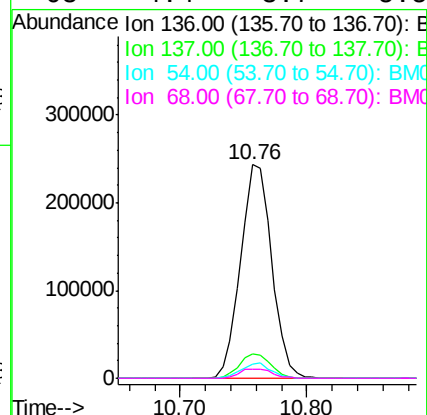
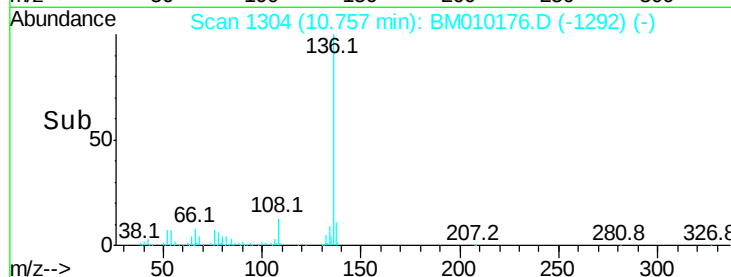
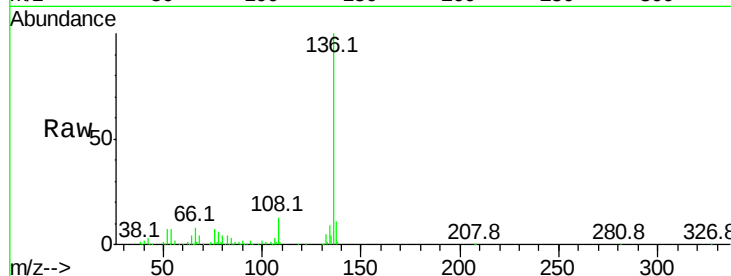




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

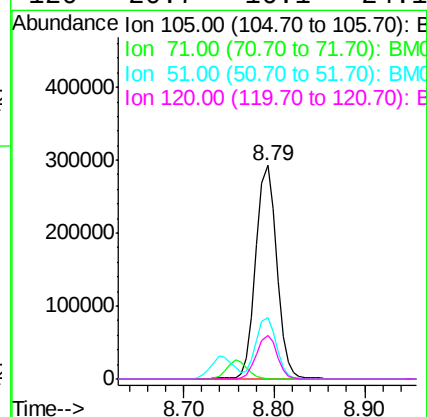
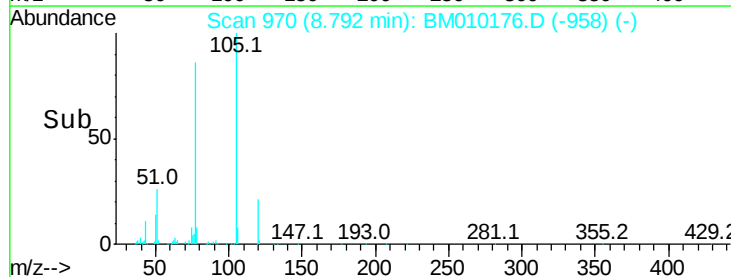
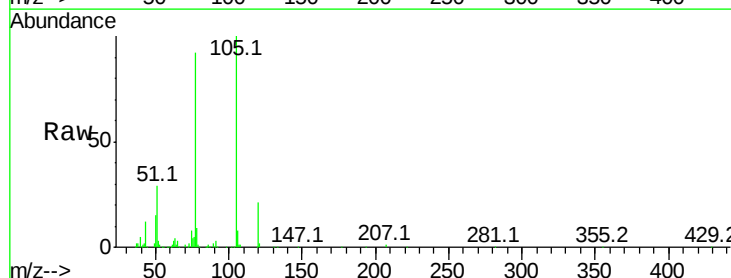
Instrument :
BNA_M
ClientSampleId :

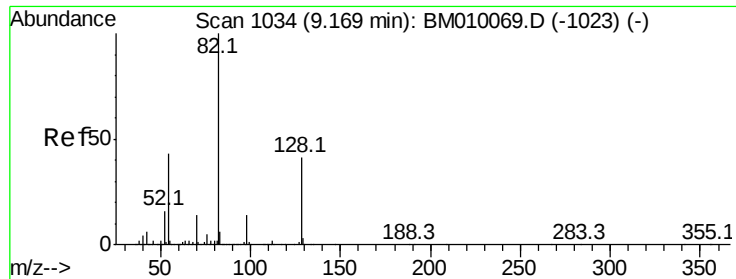
Tot Ion:136 Resp: 414441
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 6.9 4.6 6.8#
68 4.4 3.7 5.5



#22
Acetophenone
Concen: 44.59 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.03 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

Tgt Ion:105 Resp: 473680
Ion Ratio Lower Upper
105 100
71 0.0 0.6 1.0#
51 28.9 21.6 32.4
120 20.7 16.1 24.1

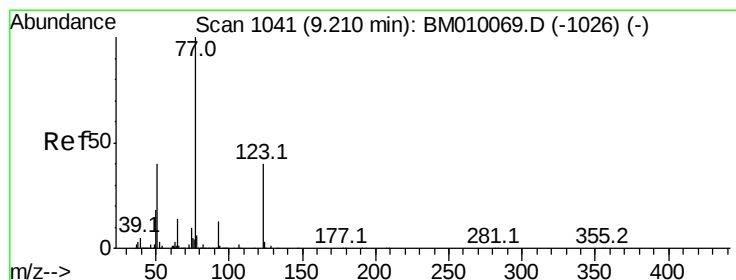
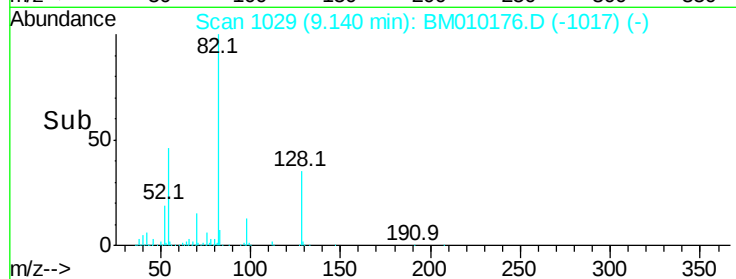
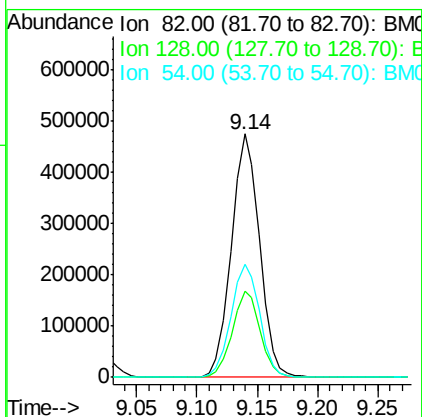
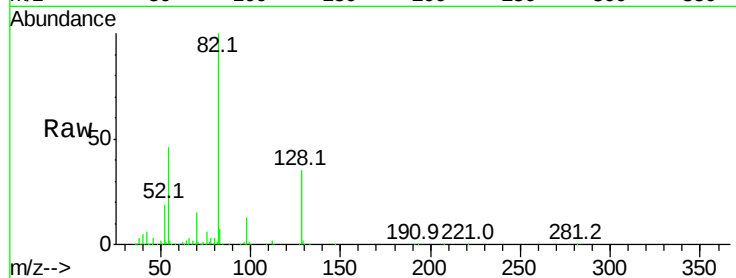




#23
 Nitrobenzene-d5
 Concen: 100.57 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BM010176.D
 Acq: 24 May 2017 12:27

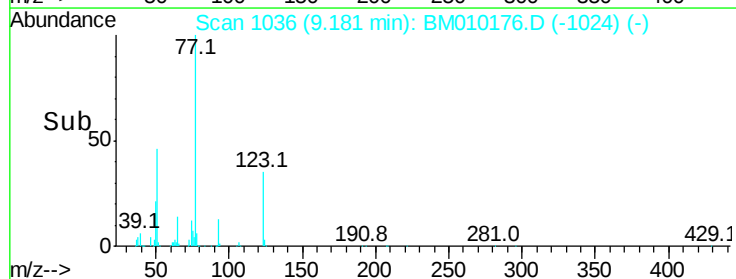
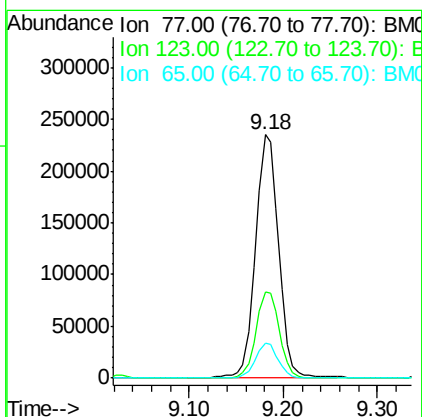
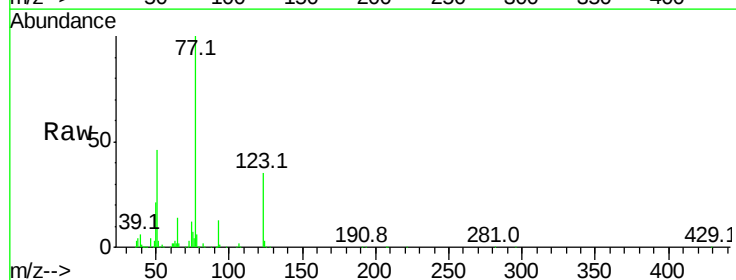
Instrument :
 BNA_M
 ClientSampleId :

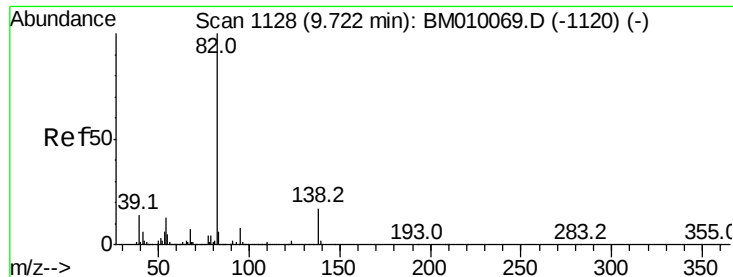
Tot Ion	82	Resp	772573
Ion	Ratio	Lower	Upper
82	100		
128	35.2	32.8	49.2
54	46.3	40.6	60.8



#24
 Nitrobenzene
 Concen: 50.56 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BM010176.D
 Acq: 24 May 2017 12:27

Tgt Ion	77	Resp	400118
Ion	Ratio	Lower	Upper
77	100		
123	35.5	32.6	49.0
65	14.4	10.9	16.3





#25

Isophorone

Concen: 46.92 ng

RT: 9.69 min Scan# 1122

Delta R.T. -0.04 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampled :

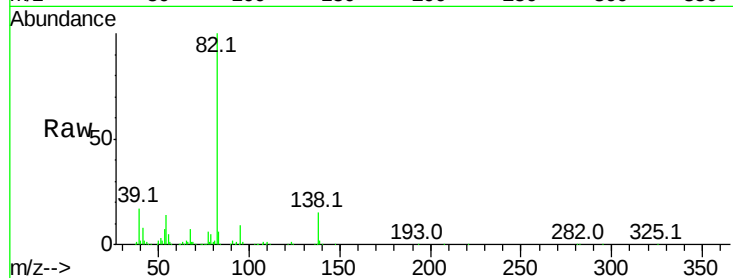
Tot Ion: 82 Resp: 622752

Ion Ratio Lower Upper

82 100

95 9.0 5.8 8.6#

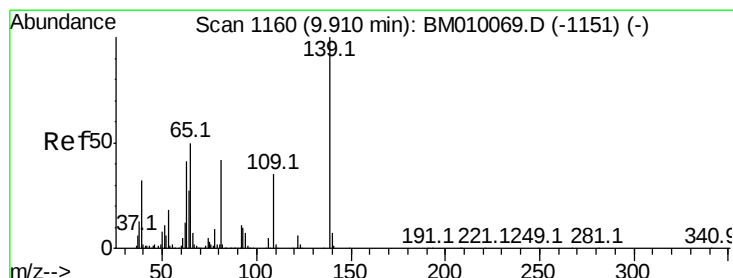
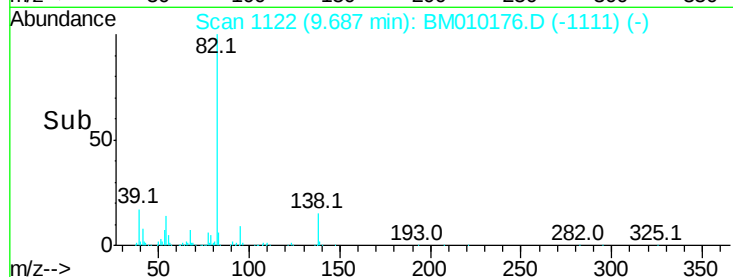
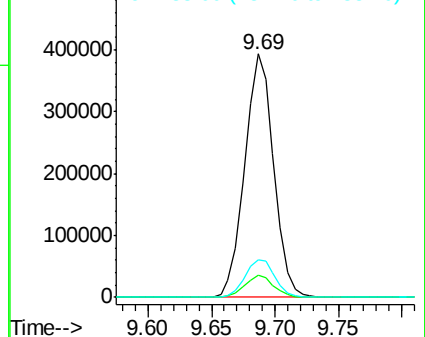
138 15.2 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM010069.D (-1120) (-)

Ion 95.00 (94.70 to 95.70): BM010069.D (-1120) (-)

Ion 138.00 (137.70 to 138.70): BM010069.D (-1120) (-)



#26

2-Nitrophenol

Concen: 45.05 ng

RT: 9.89 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

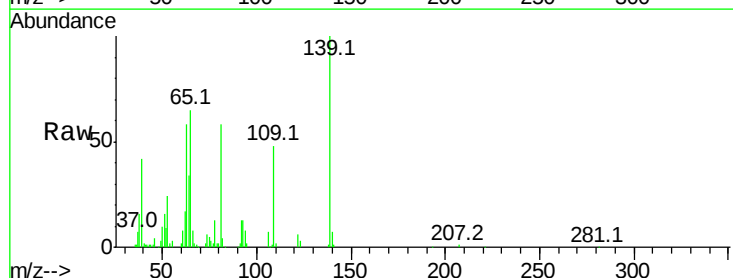
Tgt Ion: 139 Resp: 150272

Ion Ratio Lower Upper

139 100

109 47.8 20.1 30.1#

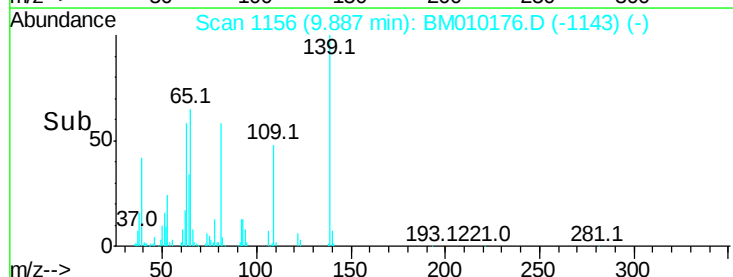
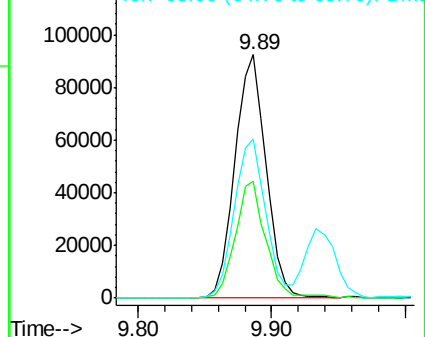
65 65.2 31.5 47.3#

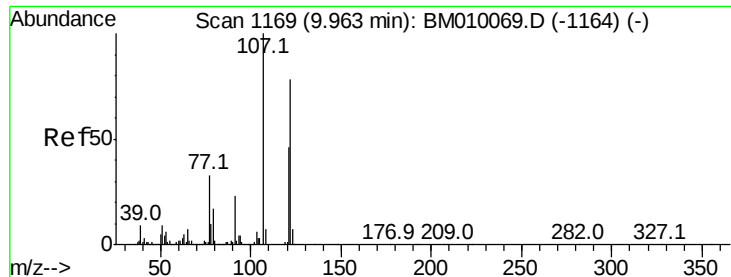


Abundance Ion 139.00 (138.70 to 139.70): BM010069.D (-1151) (-)

Ion 109.00 (108.70 to 109.70): BM010069.D (-1151) (-)

Ion 65.00 (64.70 to 65.70): BM010069.D (-1151) (-)

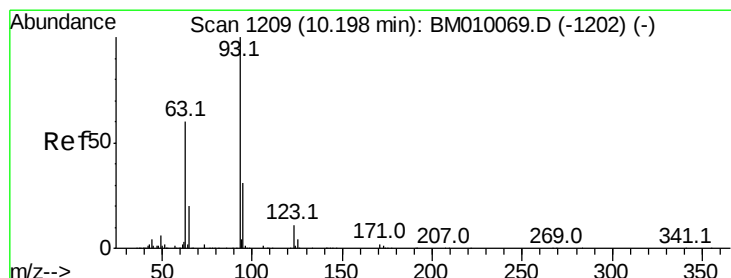
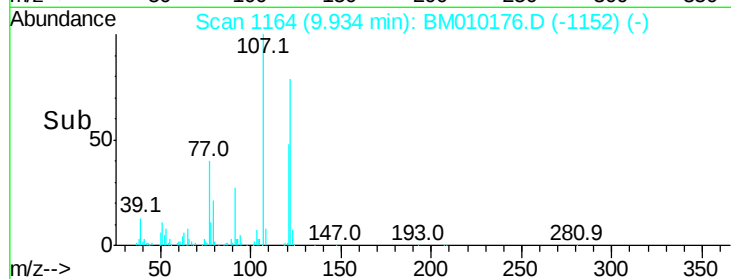
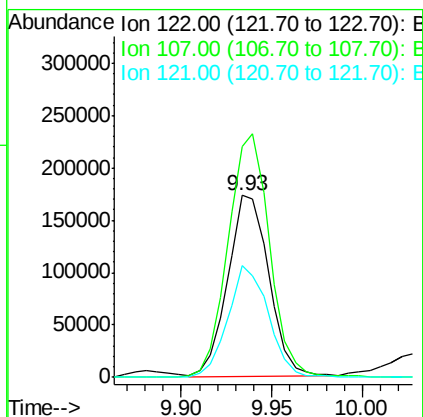
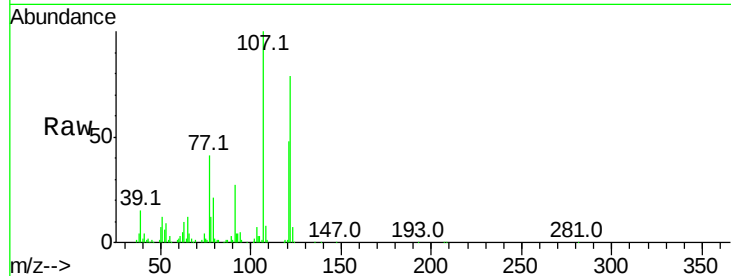




#27
2,4-Dimethylphenol
Concen: 45.08 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

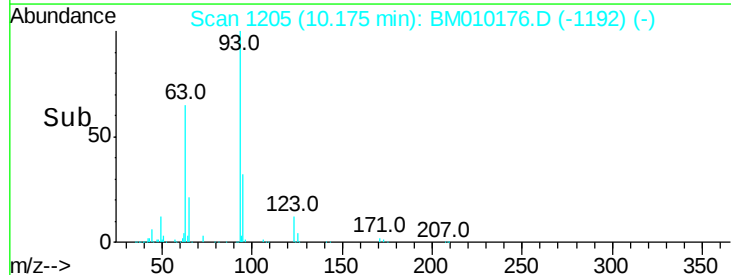
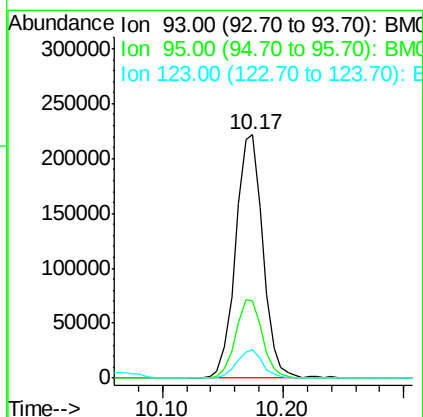
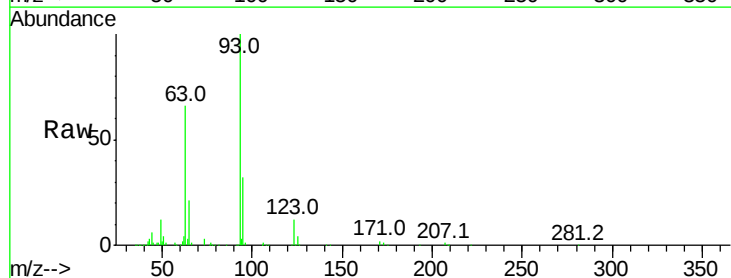
Instrument :
BNA_M
ClientSampleId :

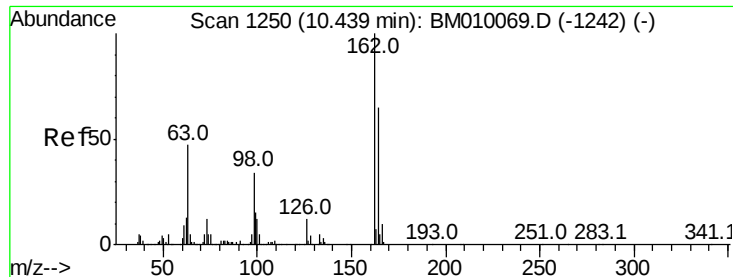
Tot Ion	Ratio	Lower	Upper
122	100		
107	126.7	84.7	127.1
121	61.1	46.6	69.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.54 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.5	38.3
123	11.9	8.6	13.0

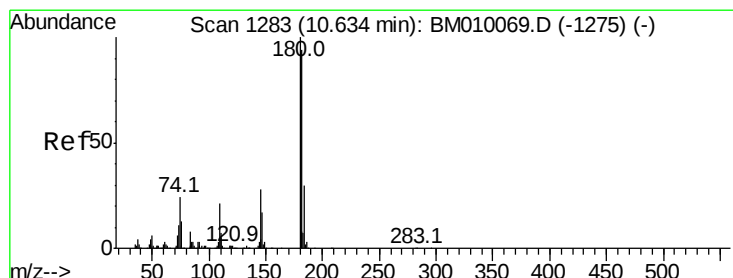
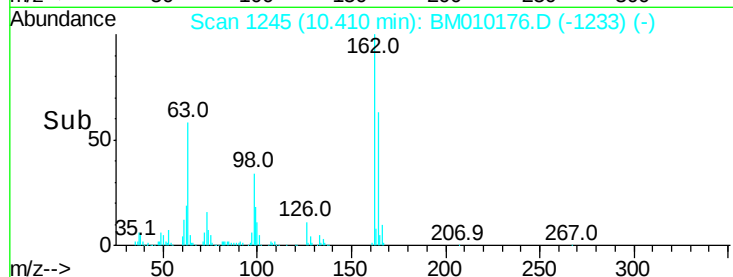
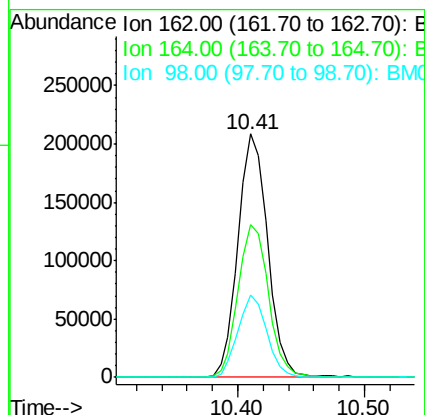
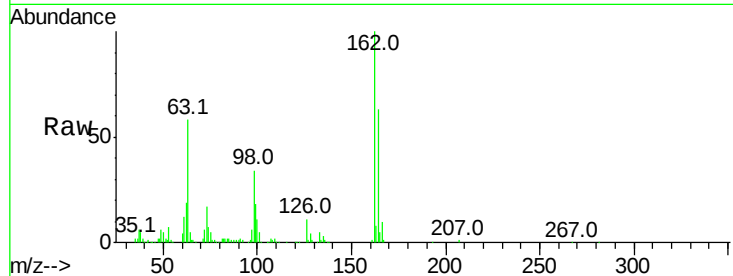




#29
2,4-Dichlorophenol
Concen: 49.02 ng
RT: 10.41 min Scan# 1245
Delta R.T. -0.03 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

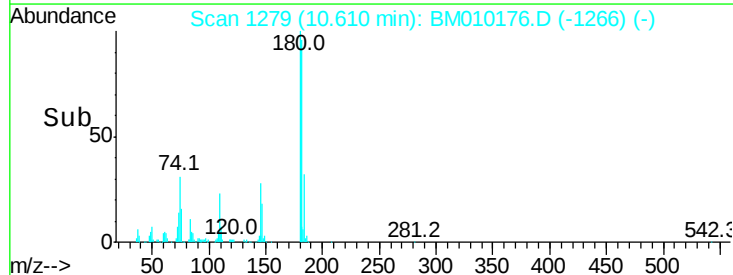
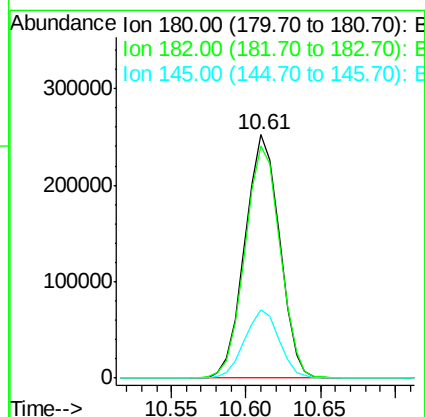
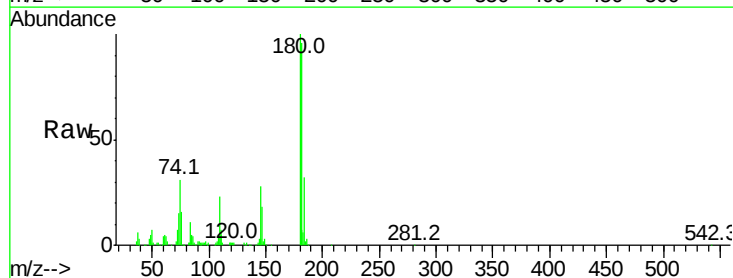
Instrument :
BNA_M
ClientSampleId :

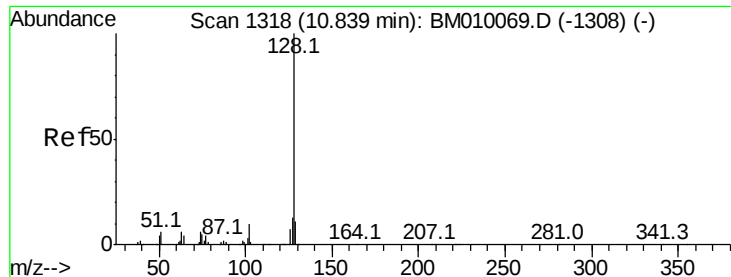
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	42.8	82.8
98	33.9	14.5	54.5



#30
1,2,4-Trichlorobenzene
Concen: 45.42 ng
RT: 10.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.6	116.4
145	28.2	23.4	35.2

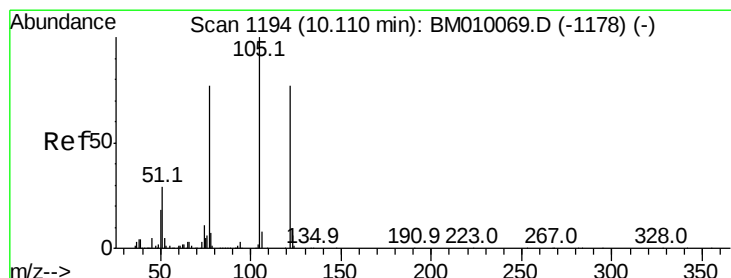
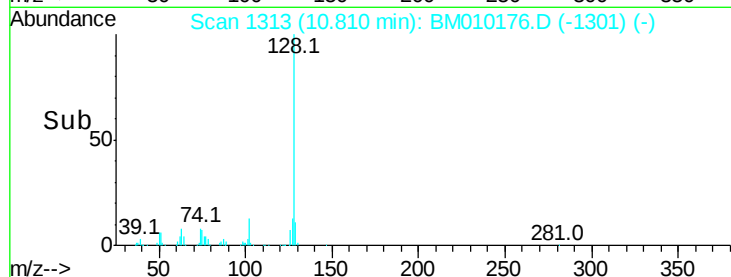
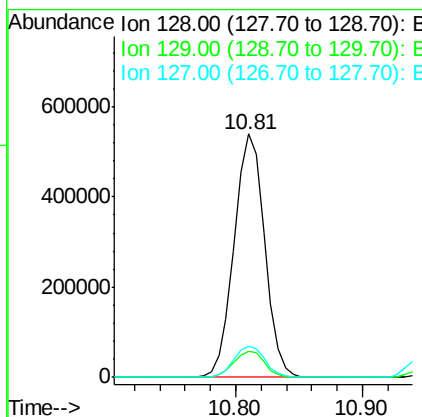
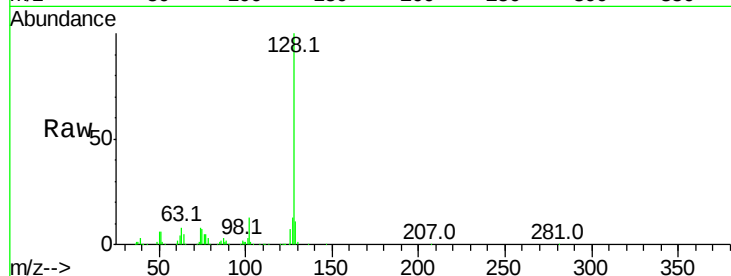




#31
Naphthalene
Concen: 40.38 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.03 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

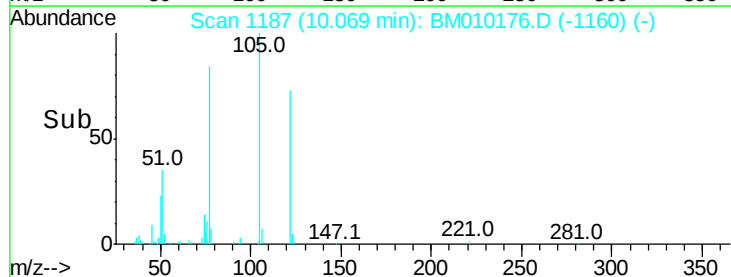
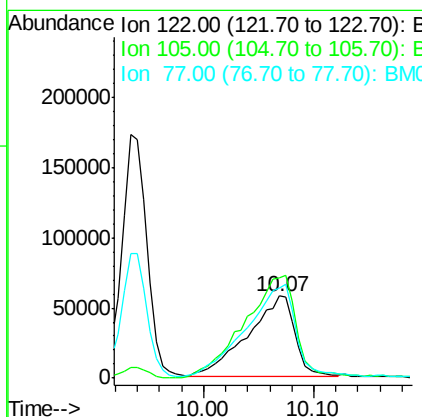
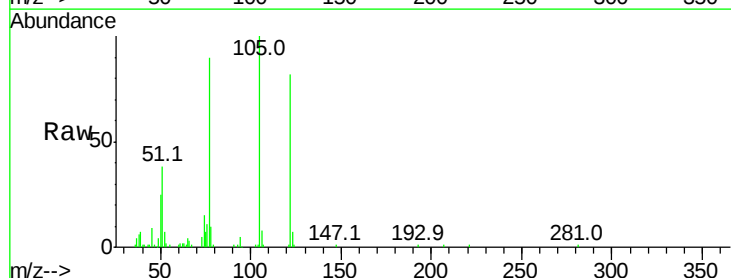
Instrument :
BNA_M
ClientSampleId :

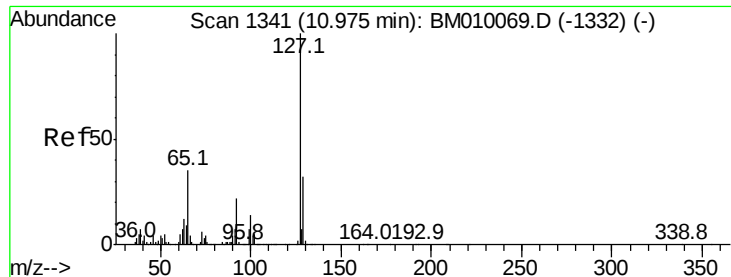
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.9	13.3
127	12.9	10.4	15.6



#32
Benzoic acid
Concen: 41.26 ng
RT: 10.07 min Scan# 1187
Delta R.T. -0.04 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.3	99.9	139.9
77	110.4	73.7	113.7

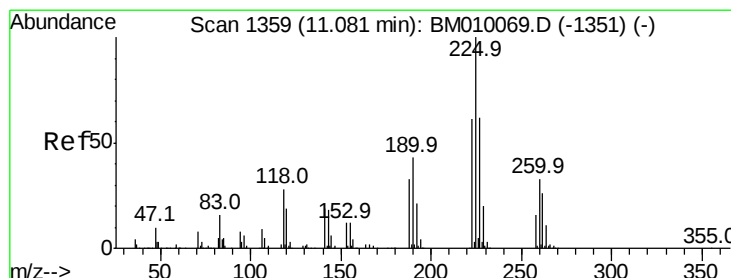
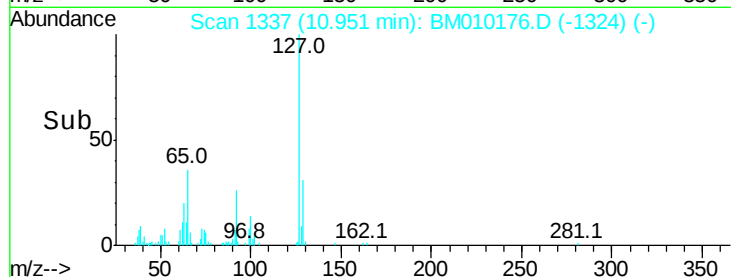
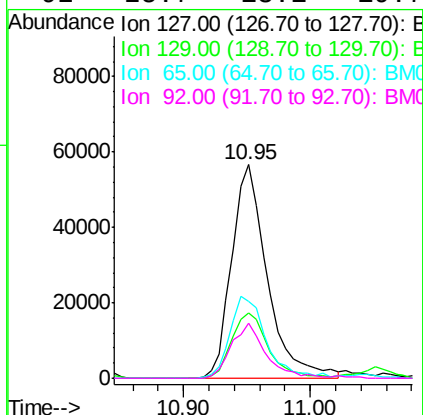
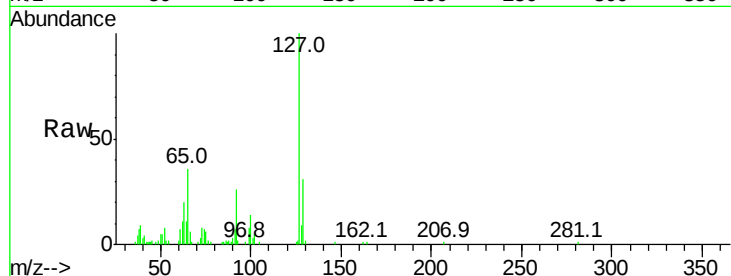




#33
4-Chloroaniline
Concen: 12.91 ng
RT: 10.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

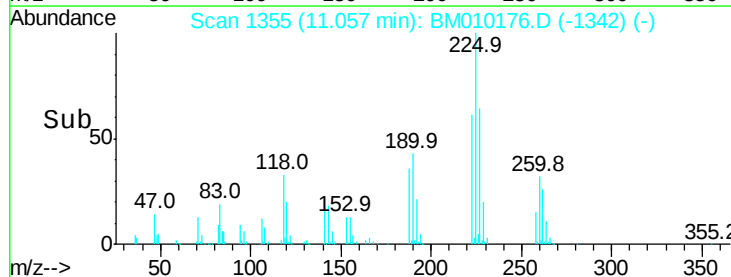
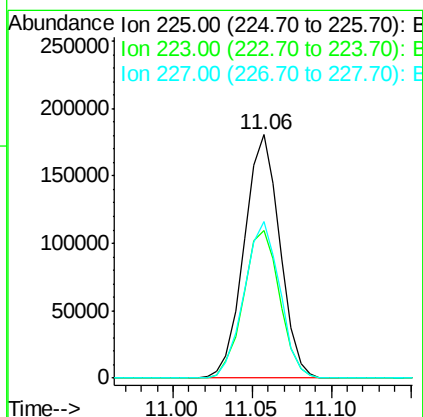
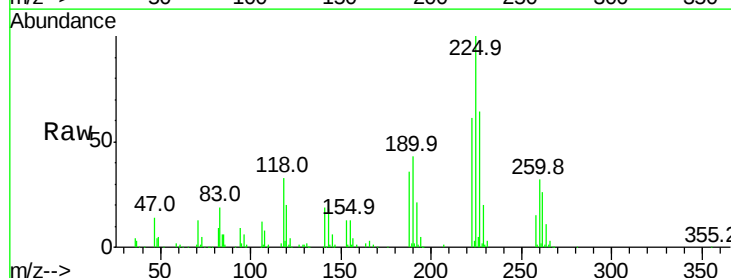
Instrument :
BNA_M
ClientSampleId :

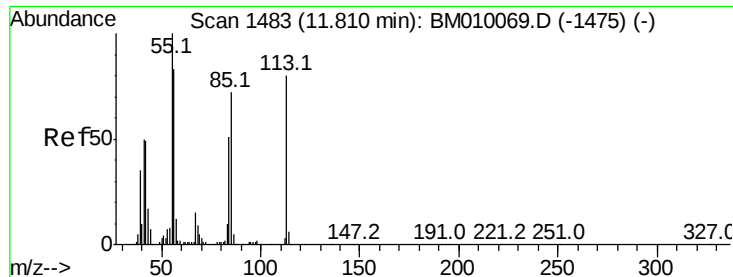
Tot Ion:	127	Resp:	110225
Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.3	37.9
65	35.7	17.6	26.4
92	25.7	13.1	19.7



#34
Hexachlorobutadiene
Concen: 47.15 ng
RT: 11.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

Tgt Ion:	225	Resp:	282206
Ion	Ratio	Lower	Upper
225	100		
223	60.6	47.9	71.9
227	64.2	50.1	75.1





#35

Caprolactam

Concen: 39.43 ng

RT: 11.75 min Scan# 1473

Delta R.T. -0.06 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampleId :

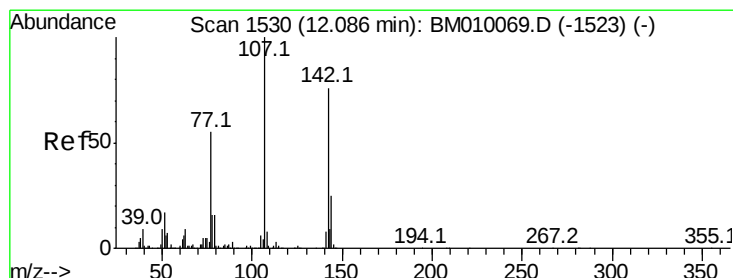
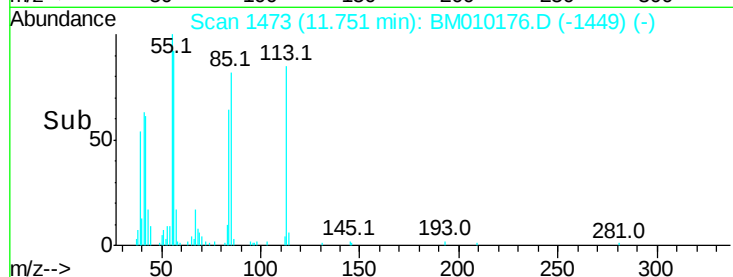
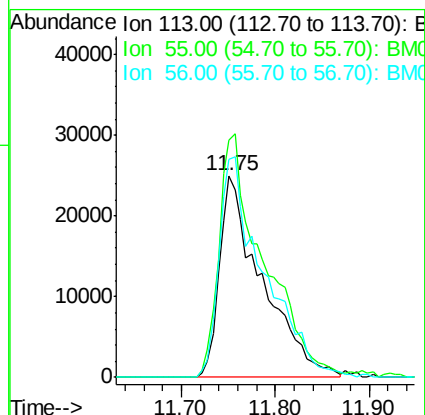
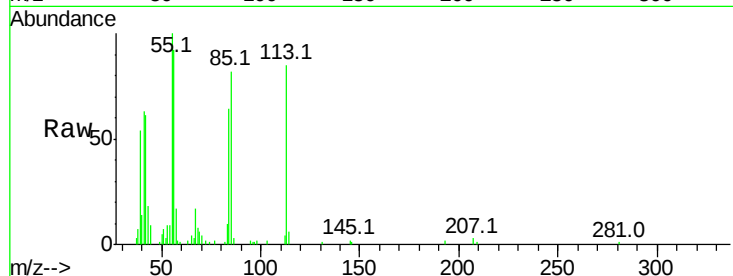
Tot Ion:113 Resp: 78455

Ion Ratio Lower Upper

113 100

55 117.6 145.9 185.9#

56 108.2 101.0 141.0



#36

4-Chloro-3-methylphenol

Concen: 43.12 ng

RT: 12.06 min Scan# 1526

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

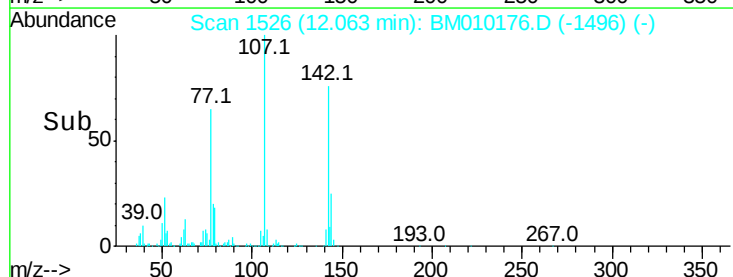
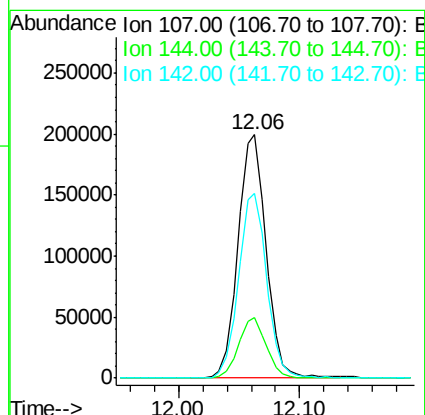
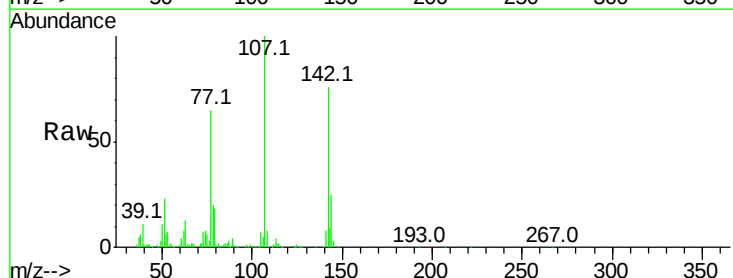
Tgt Ion:107 Resp: 323842

Ion Ratio Lower Upper

107 100

144 25.0 23.3 34.9

142 76.1 72.6 109.0

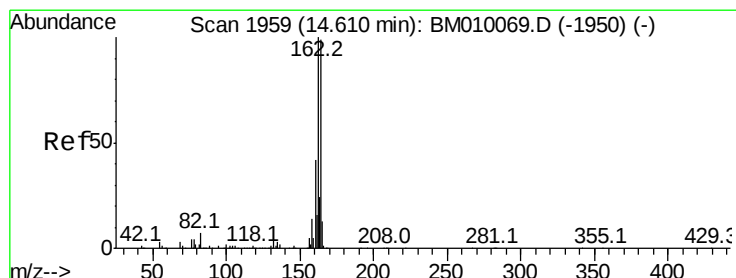
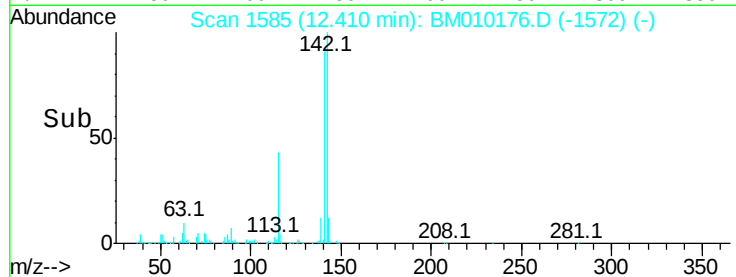
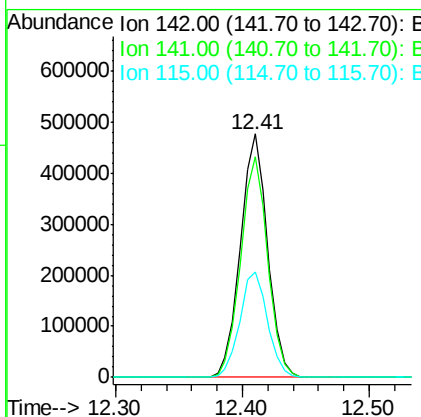
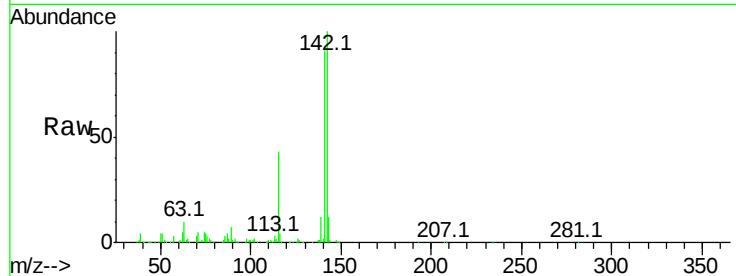




#37
2-Methylnaphthalene
Concen: 44.37 ng
RT: 12.41 min Scan# 1585
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

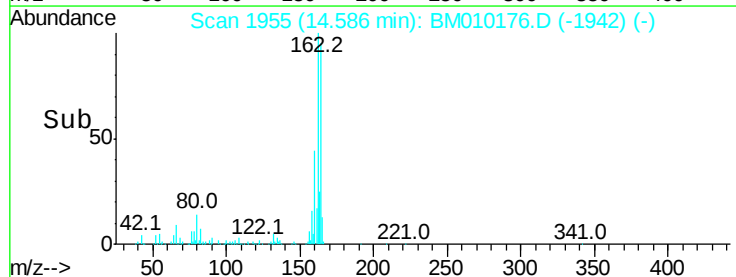
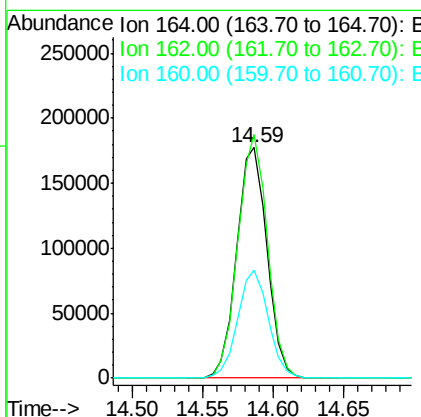
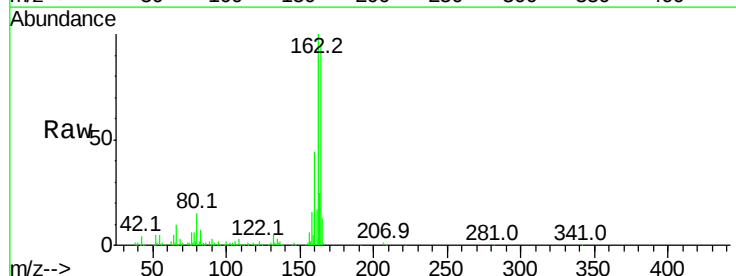
Instrument :
BNA_M
ClientSampleId :

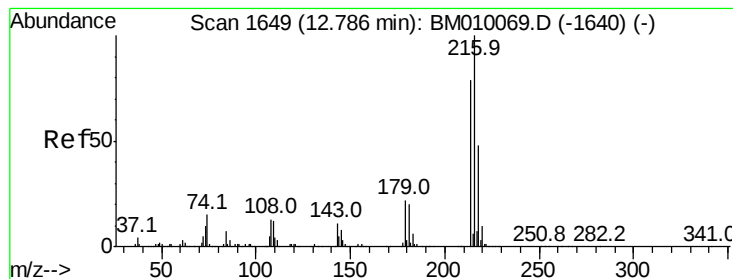
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9
115	43.1	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.59 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.4	123.6
160	46.7	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.68 ng

RT: 12.76 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampled :

Tot Ion:216 Resp: 477161

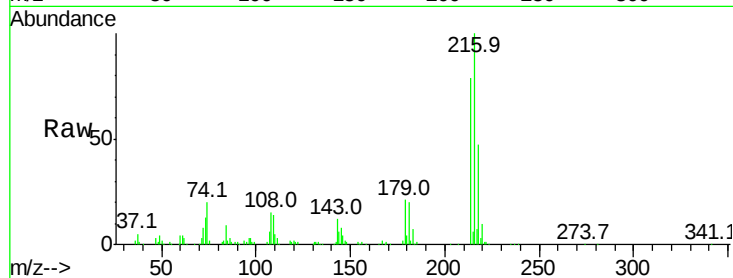
Ion Ratio Lower Upper

216 100

214 78.1 0.0 0.0#

179 21.0 0.0 0.0#

108 14.8 0.0 0.0#

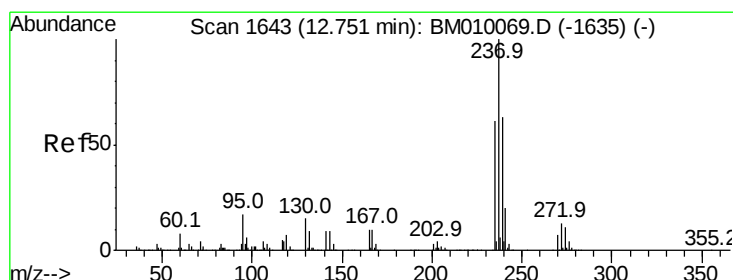
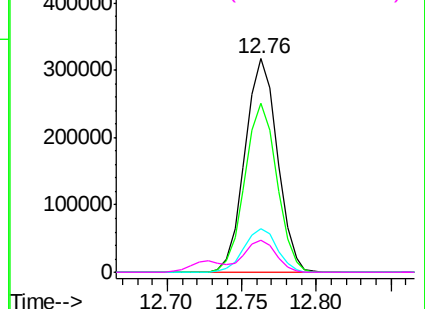
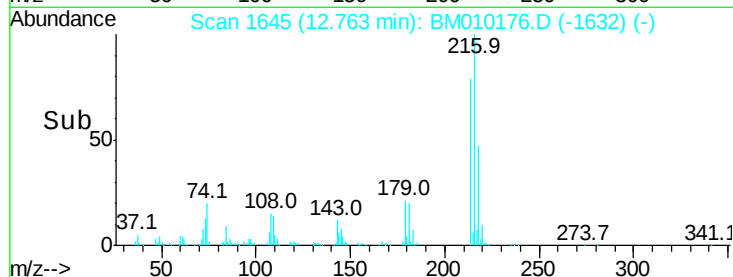


Abundance Ion 216.00 (215.70 to 216.70): E

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: 115.40 ng

RT: 12.73 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

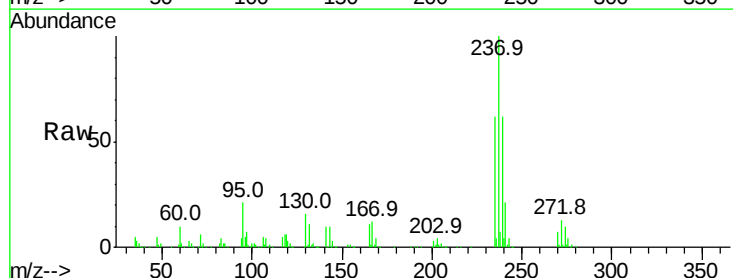
Tgt Ion:237 Resp: 681070

Ion Ratio Lower Upper

237 100

235 62.2 42.0 82.0

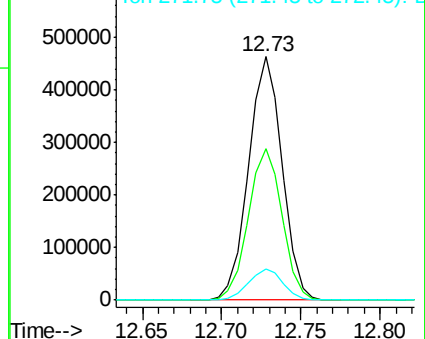
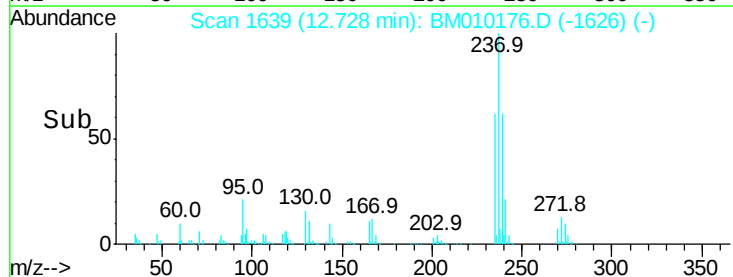
272 12.9 0.0 33.4

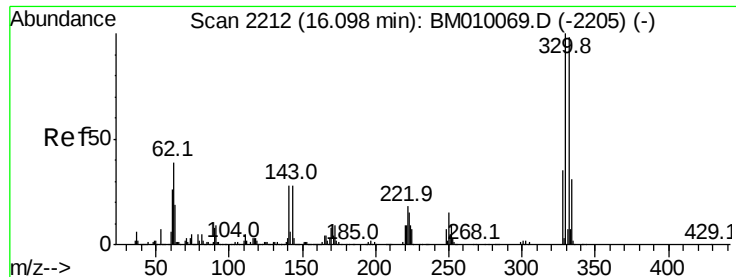


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 91.98 ng

RT: 16.08 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampleId :

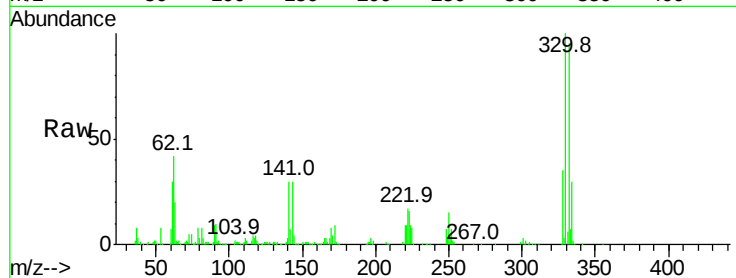
Tot Ion:330 Resp: 371327

Ion Ratio Lower Upper

330 100

332 95.3 0.0 0.0#

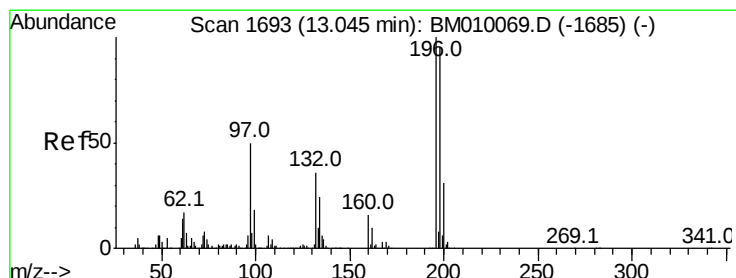
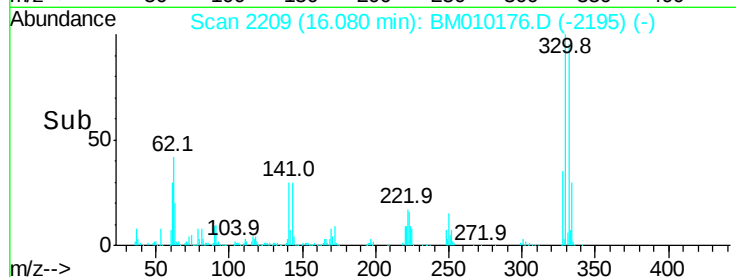
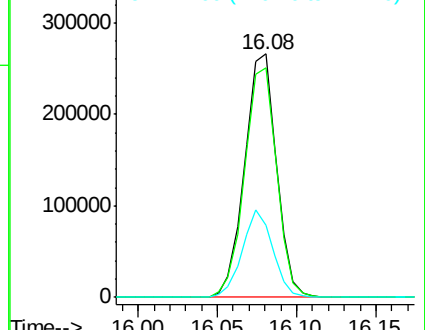
141 34.3 0.0 0.0#



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: 48.50 ng

RT: 13.02 min Scan# 1689

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

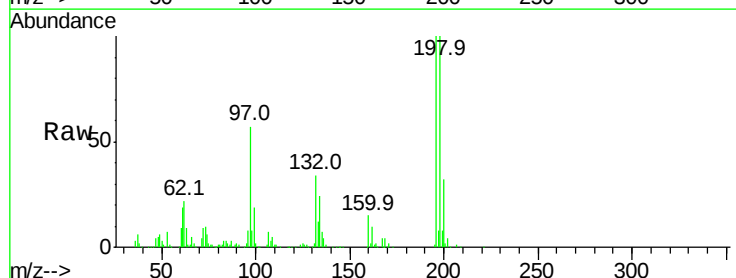
Tgt Ion:196 Resp: 291973

Ion Ratio Lower Upper

196 100

198 100.3 76.3 114.5

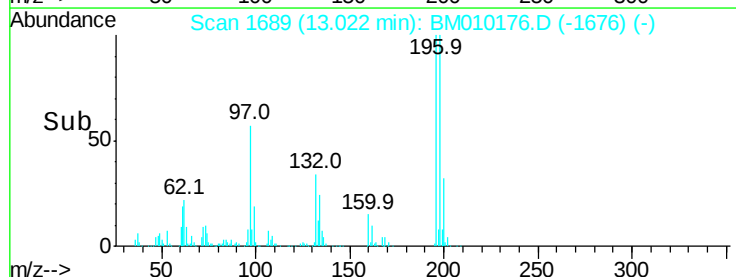
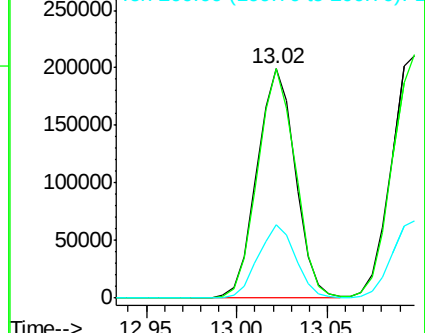
200 32.1 25.6 38.4

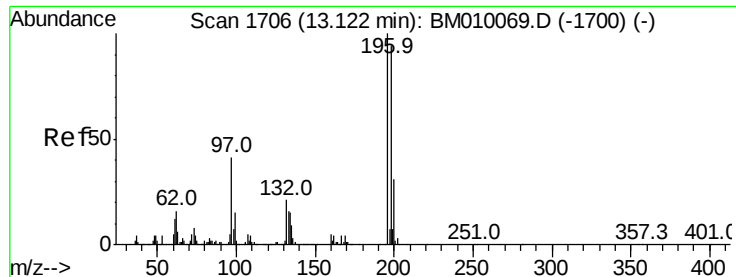


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

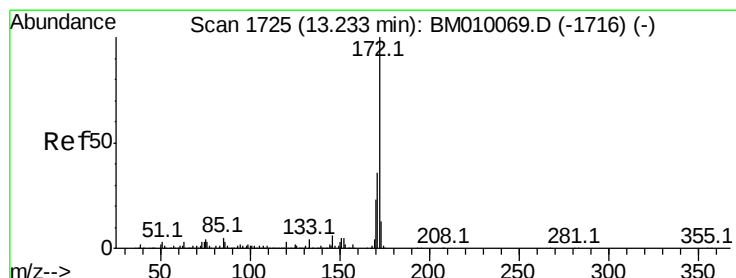
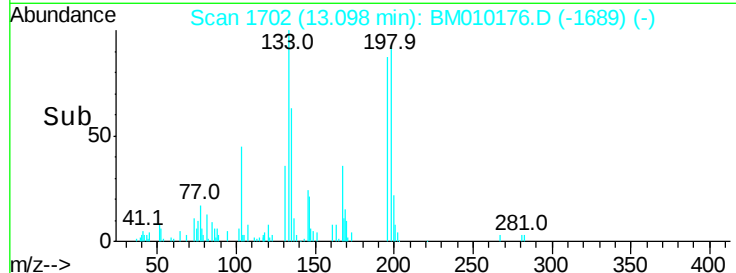
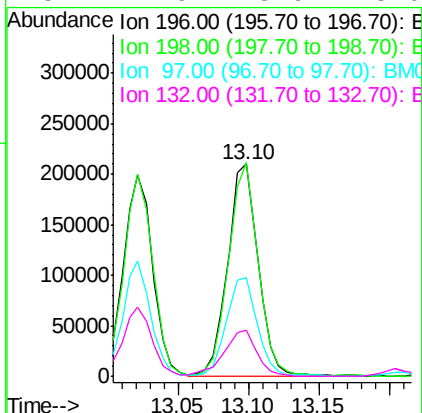
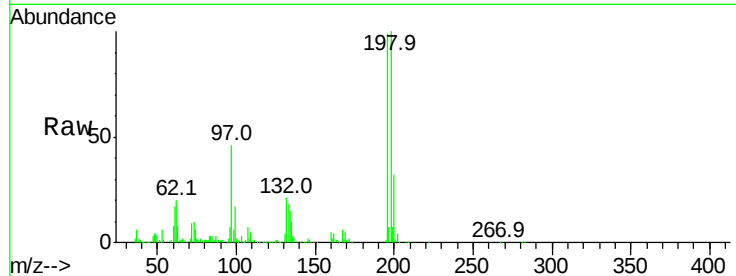




#43
2,4,5-Trichlorophenol
Concen: 47.15 ng
RT: 13.10 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

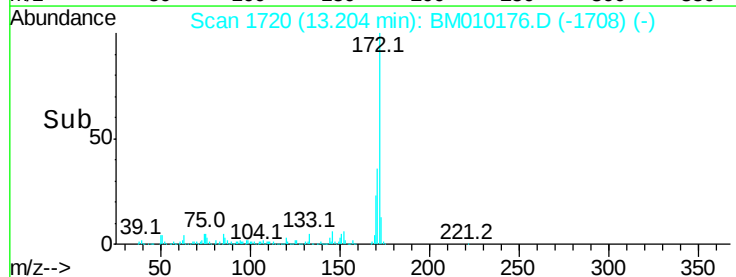
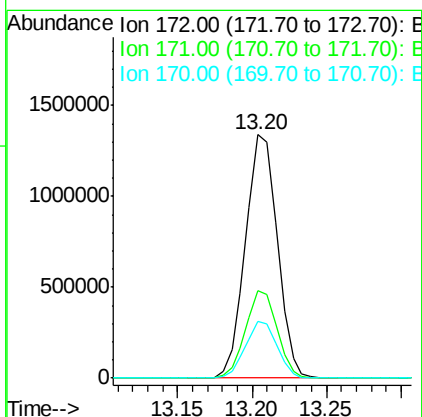
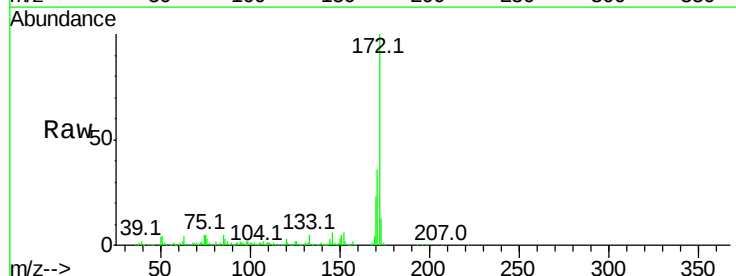
Instrument :
BNA_M
ClientSampleId :

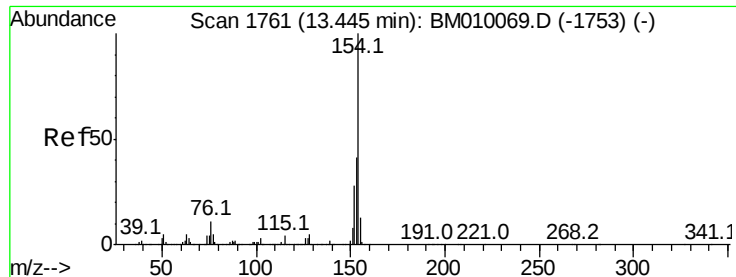
Tot Ion	Ratio	Lower	Upper
196	100		
198	100.7	79.4	119.0
97	46.6	26.8	40.2
132	21.6	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 95.79 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.5	42.7
170	23.2	18.8	28.2





#45

1,1'-Biphenyl

Concen: 44.58 ng

RT: 13.42 min Scan# 1756

Delta R.T. -0.03 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

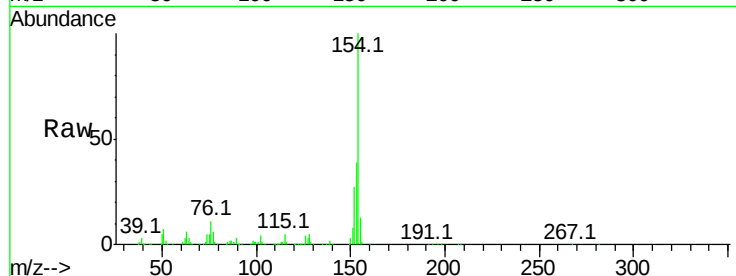
Instrument :

BNA_M

ClientSampleId :

Tot Ion:154 Resp: 974343

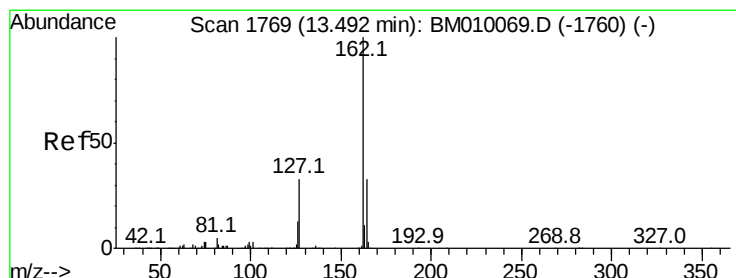
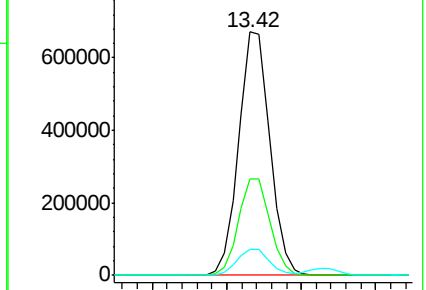
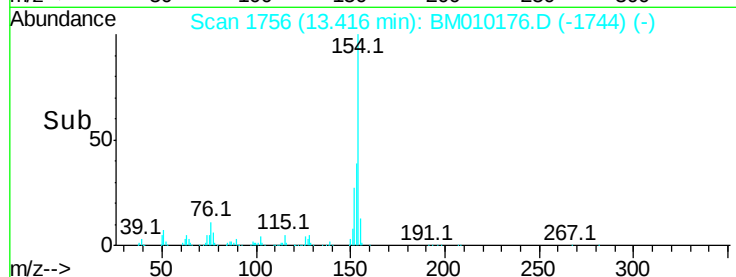
Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.7	60.7
76	10.9	0.0	30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 43.23 ng

RT: 13.47 min Scan# 1765

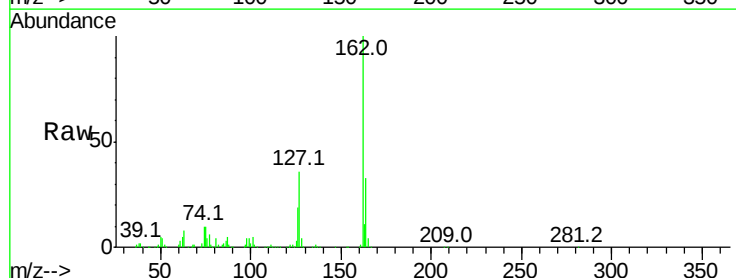
Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Tgt Ion:162 Resp: 765070

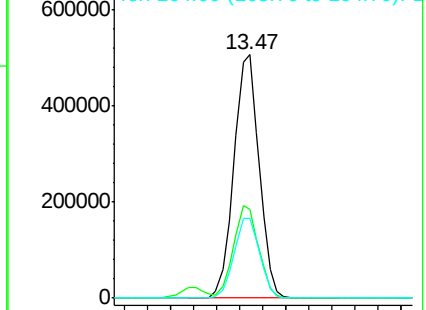
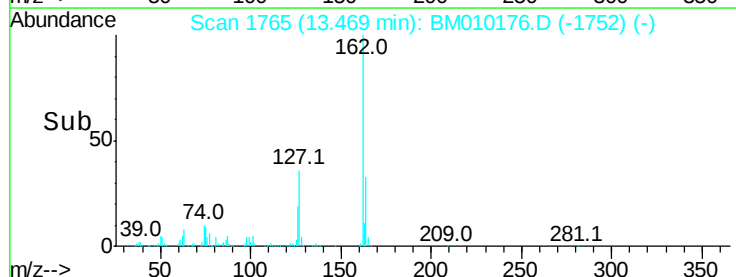
Ion	Ratio	Lower	Upper
162	100		
127	36.4	26.9	40.3
164	32.9	26.8	40.2

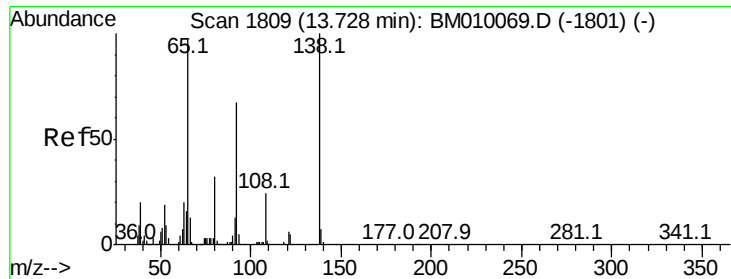


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

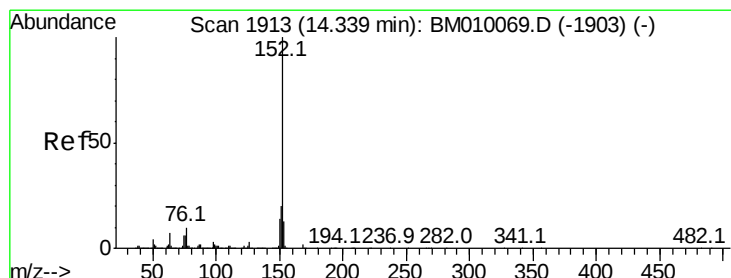
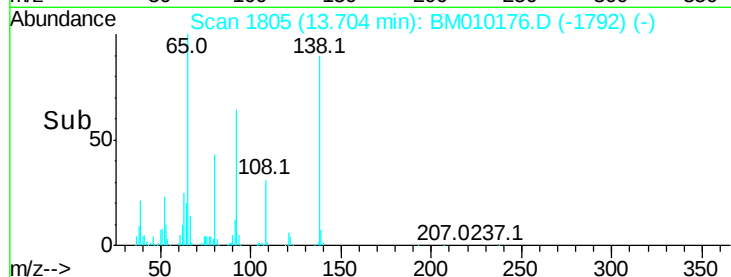
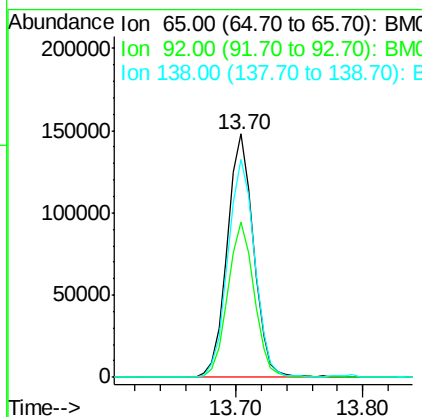
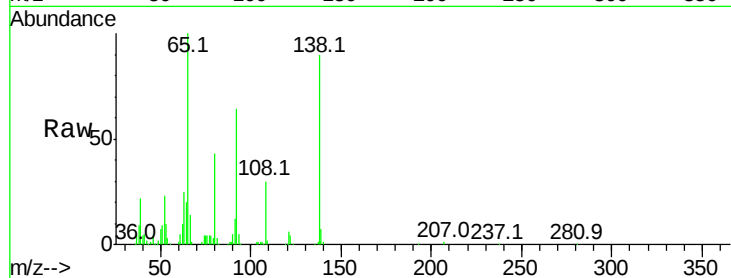




#47
2-Nitroaniline
Concen: 46.61 ng
RT: 13.70 min Scan# 1805
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

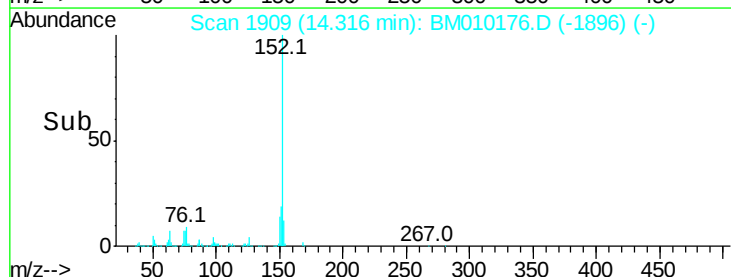
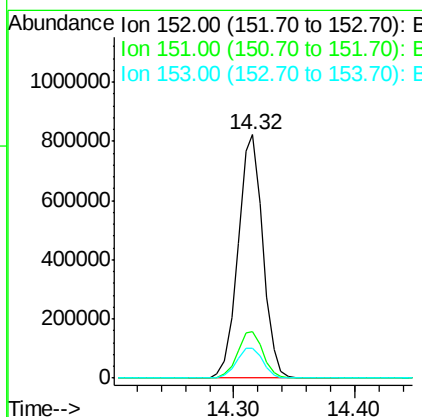
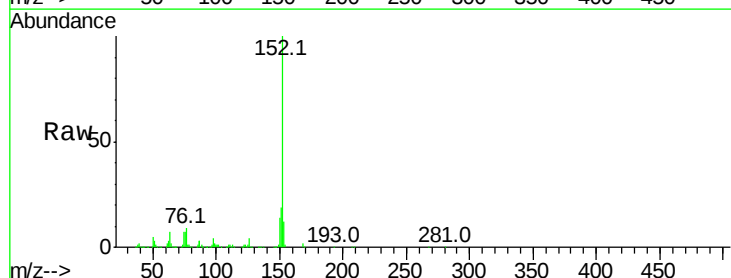
Instrument :
BNA_M
ClientSampleId :

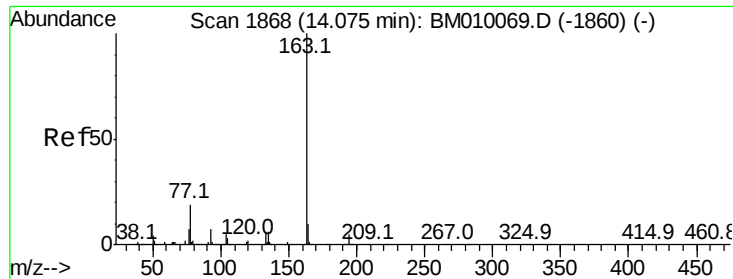
Tot Ion: 65 Resp: 212107
Ion Ratio Lower Upper
65 100
92 63.6 59.1 88.7
138 89.7 93.9 140.9#



#48
Acenaphthylene
Concen: 44.78 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

Tgt Ion: 152 Resp: 1171838
Ion Ratio Lower Upper
152 100
151 19.1 15.9 23.9
153 12.4 10.6 16.0





#49

Dimethylphthalate

Concen: 41.59 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampleId :

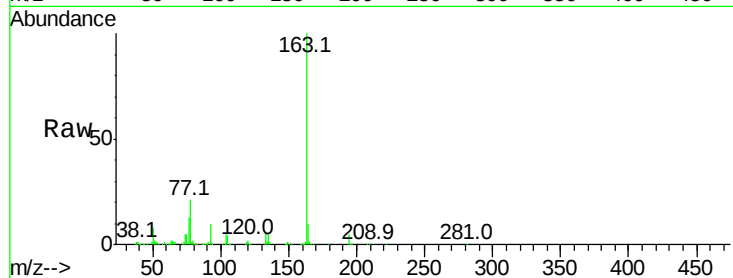
Tot Ion:163 Resp: 986105

Ion Ratio Lower Upper

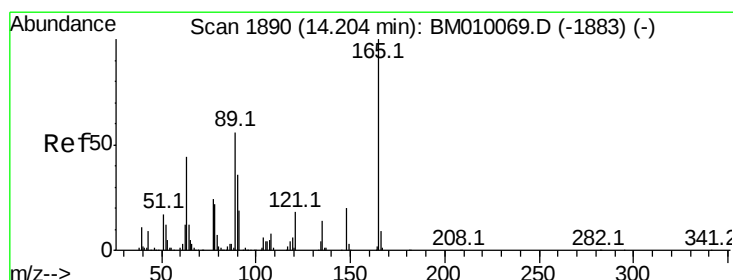
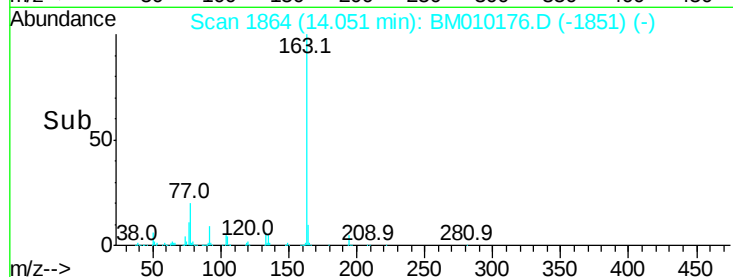
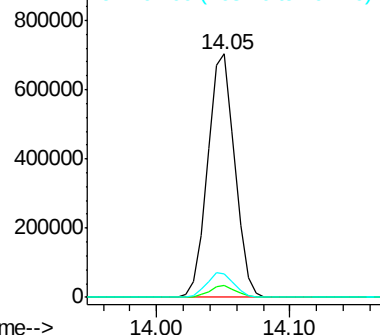
163 100

194 4.7 2.7 4.1#

164 9.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.50 ng

RT: 14.18 min Scan# 1886

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

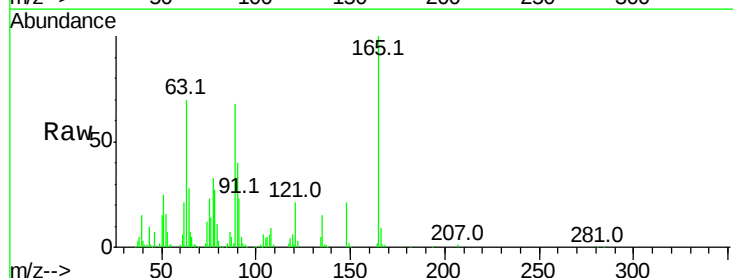
Tgt Ion:165 Resp: 204825

Ion Ratio Lower Upper

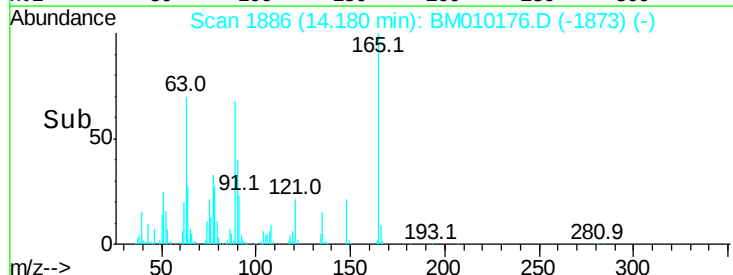
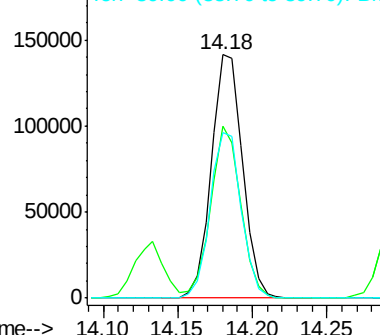
165 100

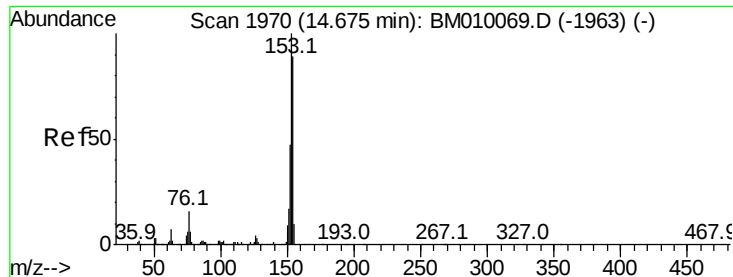
63 70.4 44.1 66.1#

89 68.2 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 43.70 ng

RT: 14.65 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampleId :

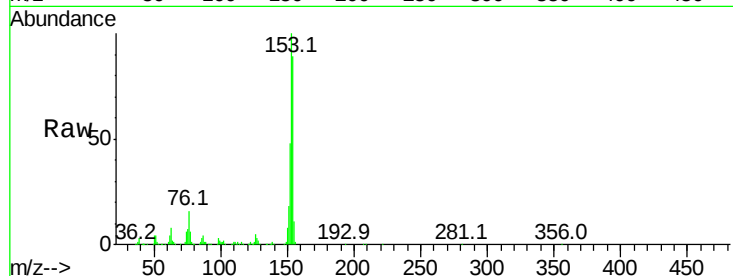
Tot Ion:154 Resp: 710903

Ion Ratio Lower Upper

154 100

153 112.2 90.0 135.0

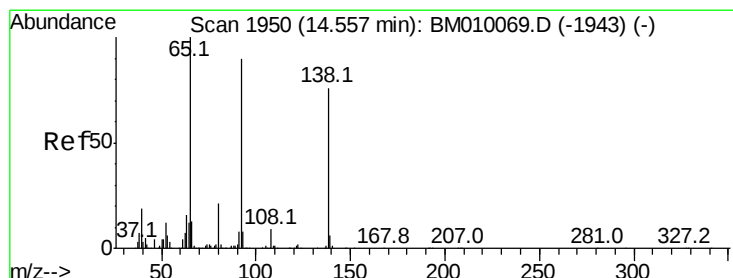
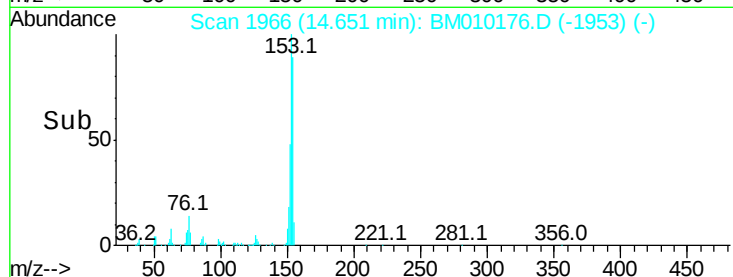
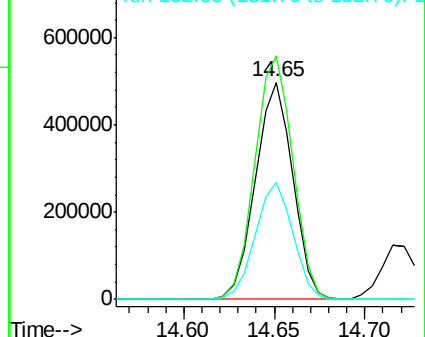
152 53.8 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.49 ng

RT: 14.53 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

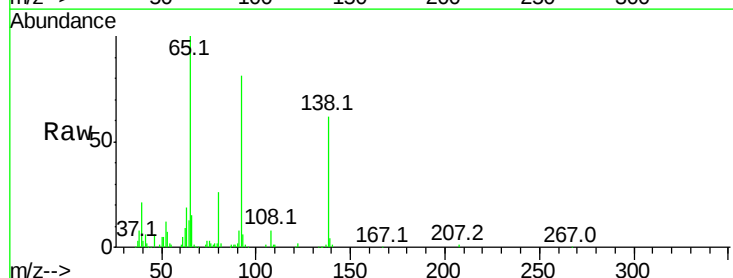
Tgt Ion:138 Resp: 115028

Ion Ratio Lower Upper

138 100

108 12.9 7.3 10.9#

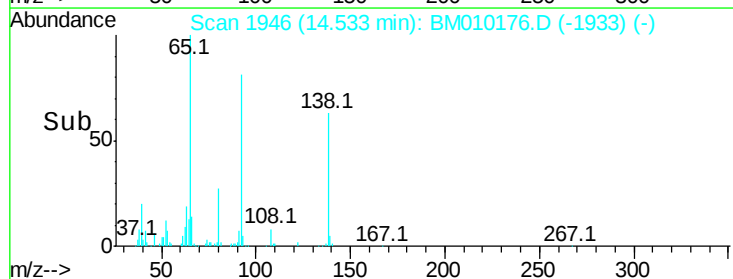
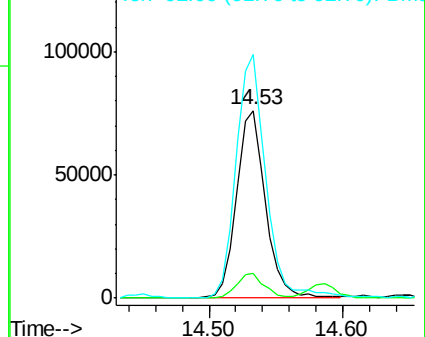
92 129.6 76.6 114.8#



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

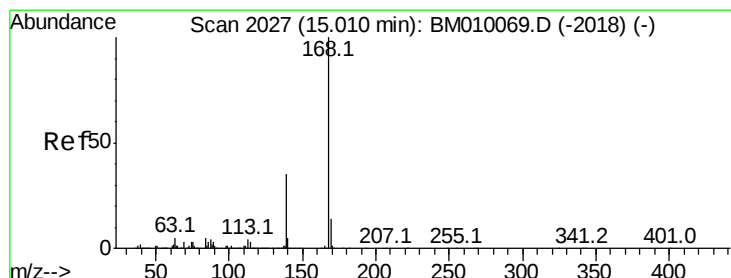
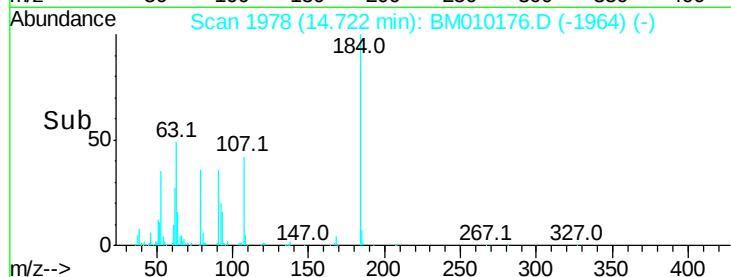
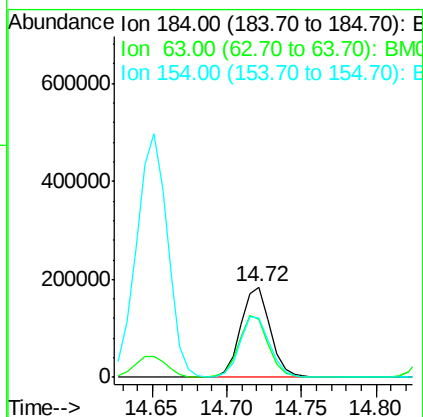
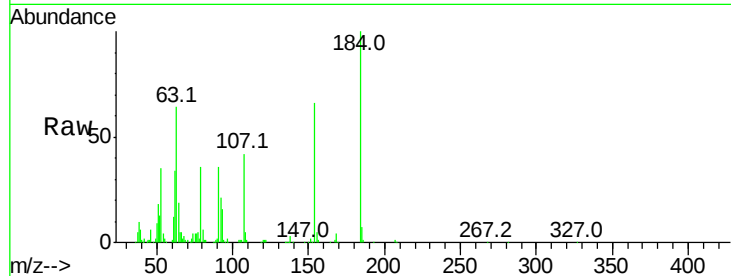




#53
2,4-Dinitrophenol
Concen: 84.05 ng
RT: 14.72 min Scan# 1978
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

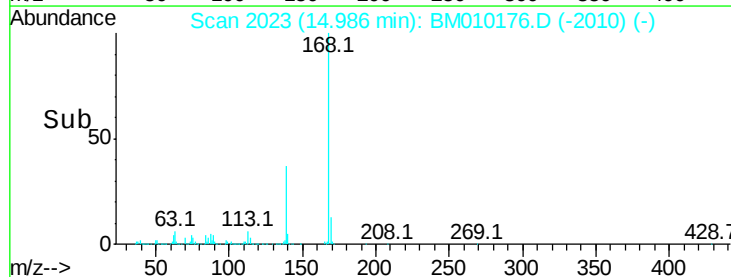
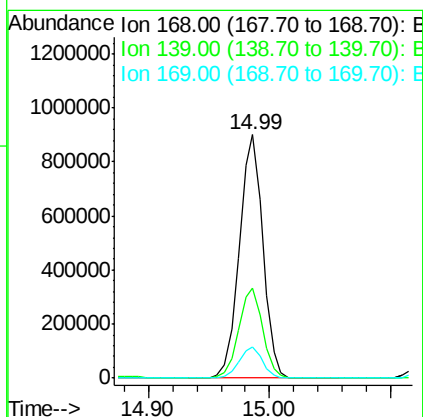
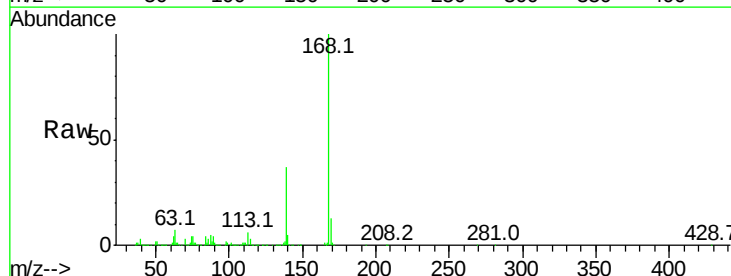
Instrument :
BNA_M
ClientSampleId :

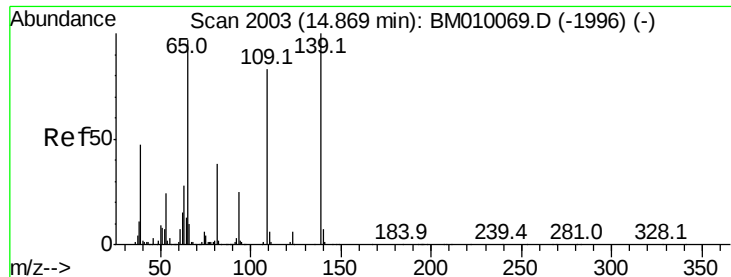
Tot Ion:184 Resp: 252456
Ion Ratio Lower Upper
184 100
63 63.6 69.2 103.8#
154 66.3 53.3 79.9



#54
Dibenzofuran
Concen: 47.69 ng
RT: 14.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

Tgt Ion:168 Resp: 1220032
Ion Ratio Lower Upper
168 100
139 36.9 27.3 40.9
169 13.0 10.6 16.0

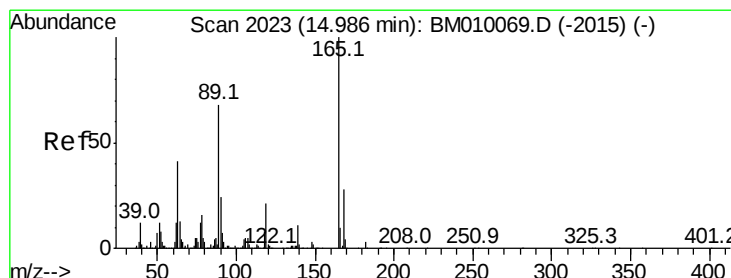
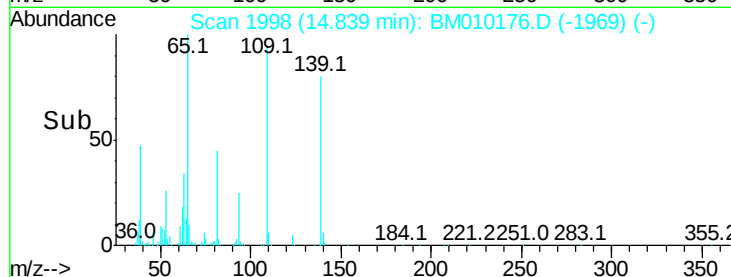
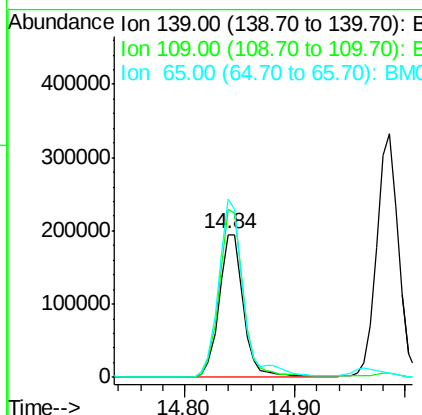
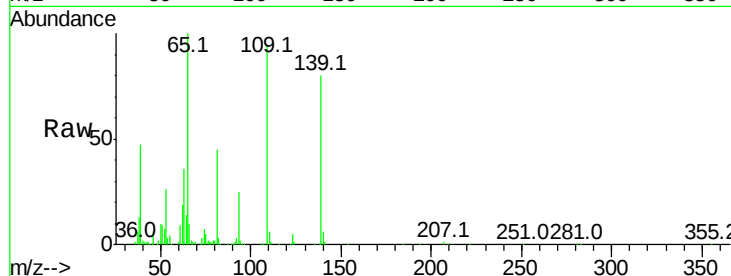




#55
4-Nitrophenol
Concen: 90.11 ng
RT: 14.84 min Scan# 1998
Delta R.T. -0.03 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

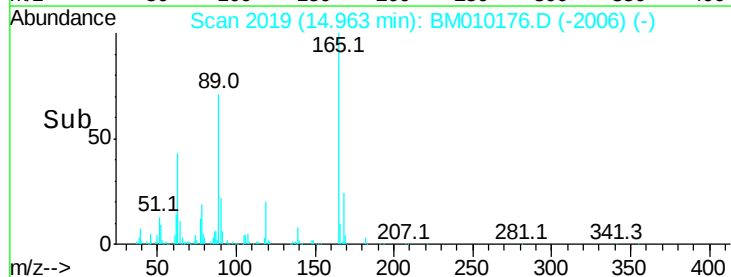
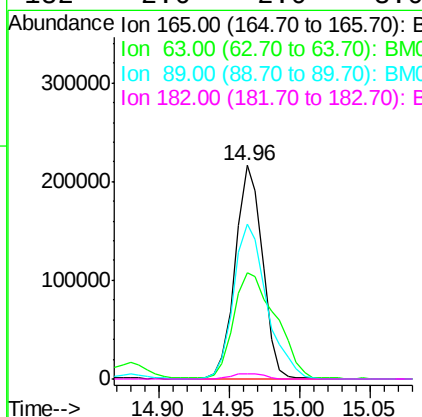
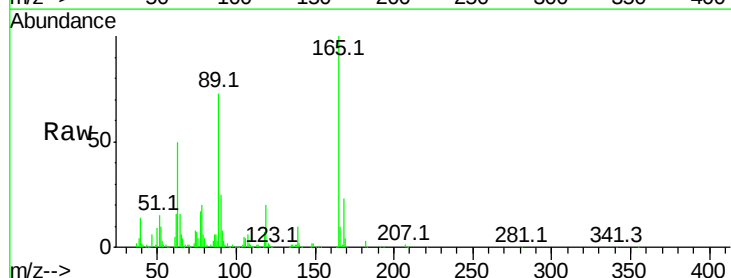
Instrument :
BNA_M
ClientSampled :

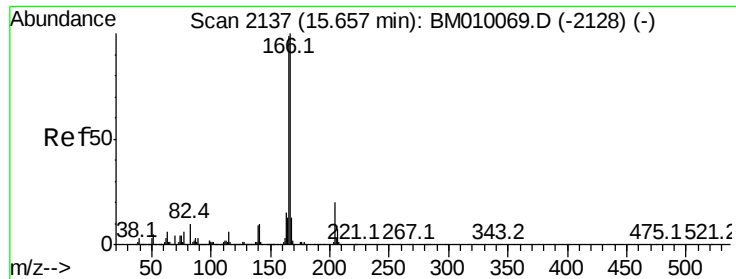
Tot Ion:139 Resp: 303449
Ion Ratio Lower Upper
139 100
109 117.3 37.7 77.7#
65 124.8 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 45.68 ng
RT: 14.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

Tgt Ion:165 Resp: 290975
Ion Ratio Lower Upper
165 100
63 49.5 52.4 78.6#
89 72.6 72.4 108.6
182 2.6 2.0 3.0





#57

Fluorene

Concen: 44.56 ng

RT: 15.63 min Scan# 2133

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

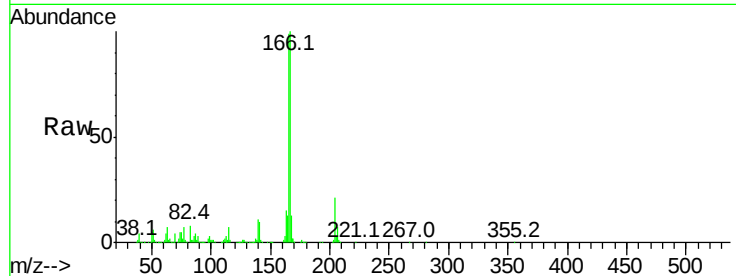
Instrument :

BNA_M

ClientSampleId :

Tot Ion:166 Resp: 991257

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.4
167	12.9	10.3	15.5



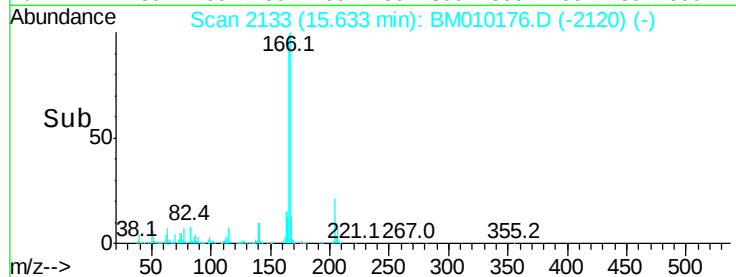
Abundance

Ion 166.00 (165.70 to 166.70): E

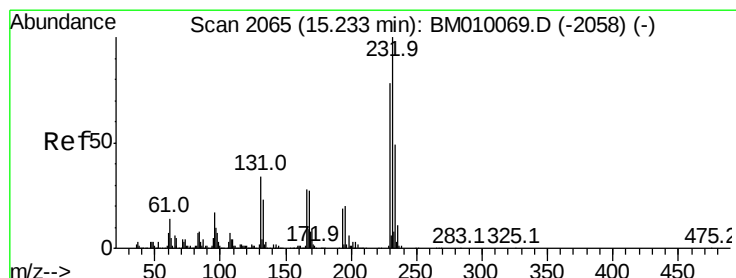
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.63



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.88 ng

RT: 15.21 min Scan# 2061

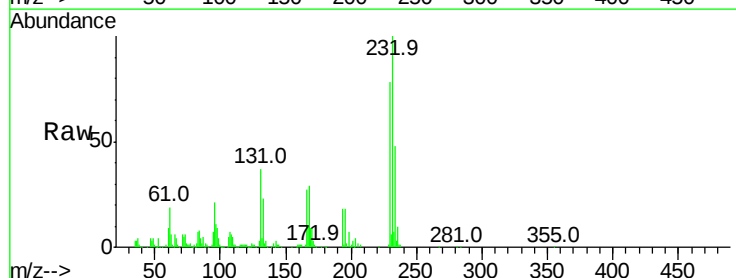
Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Tgt Ion:232 Resp: 305274

Ion	Ratio	Lower	Upper
232	100		
131	36.7	0.0	0.0#
130	2.5	0.0	0.0#
166	28.3	0.0	0.0#



Abundance

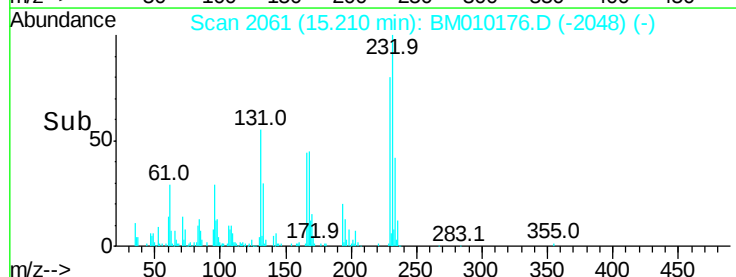
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

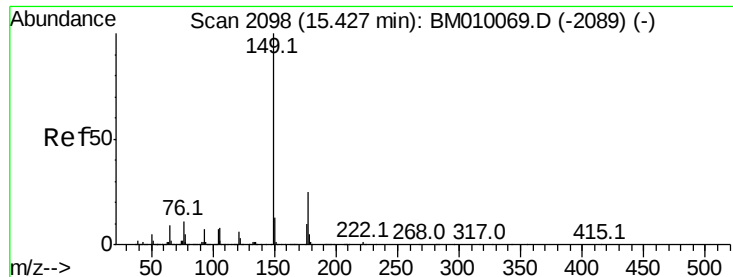
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

15.21



Time-->



#59

Diethylphthalate

Concen: 41.55 ng

RT: 15.40 min Scan# 2093

Delta R.T. -0.03 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampled :

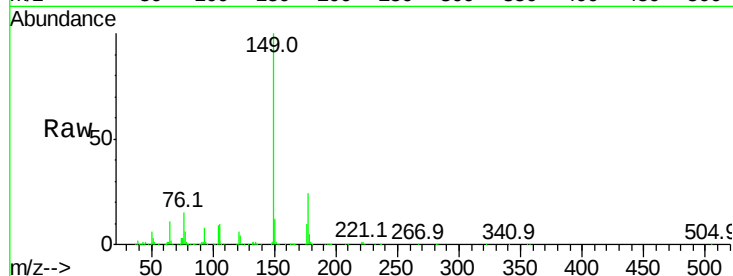
Tot Ion:149 Resp: 931476

Ion Ratio Lower Upper

149 100

177 23.9 18.3 27.5

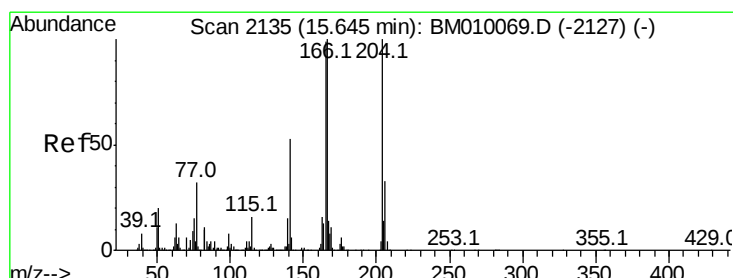
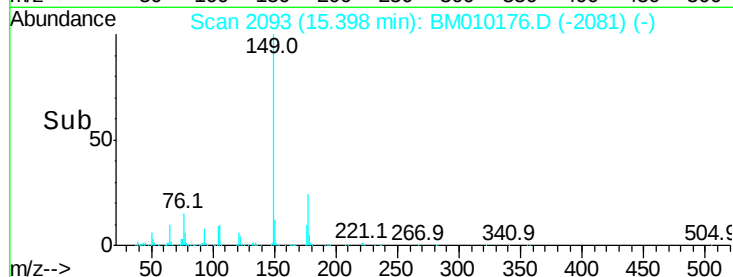
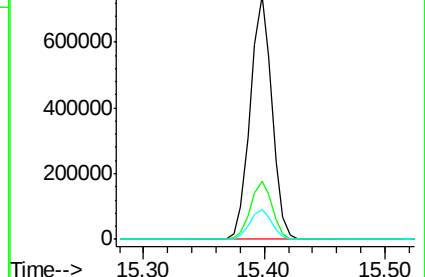
150 12.2 9.8 14.8



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: 44.79 ng

RT: 15.62 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

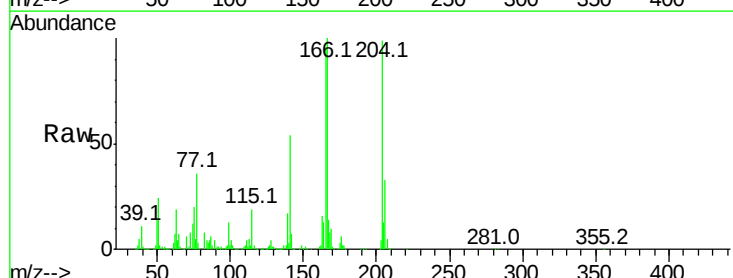
Tgt Ion:204 Resp: 559427

Ion Ratio Lower Upper

204 100

206 33.0 26.6 39.8

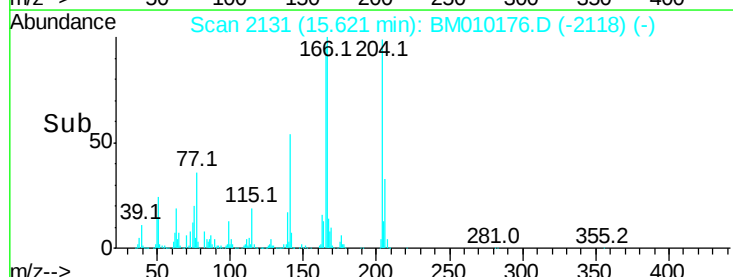
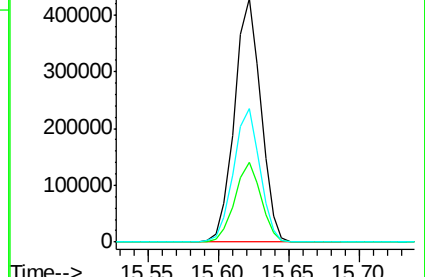
141 54.9 45.2 67.8



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

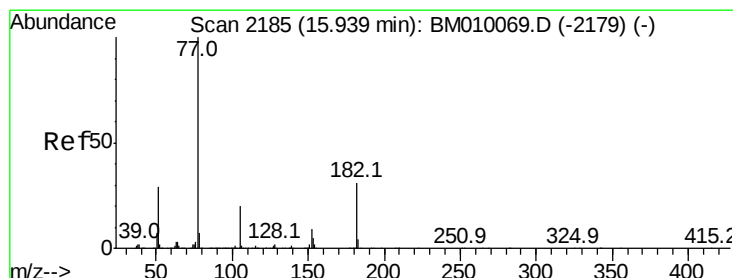
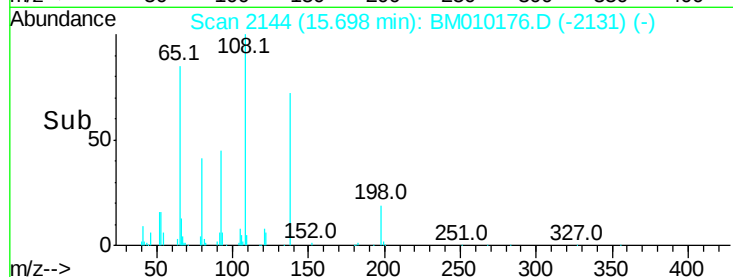
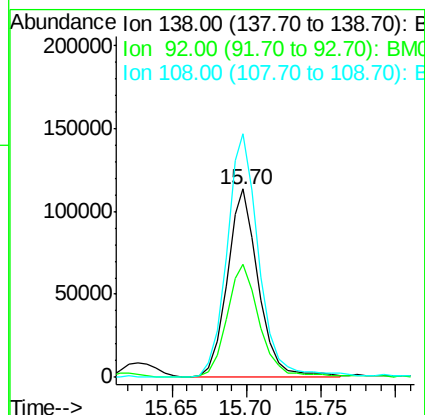
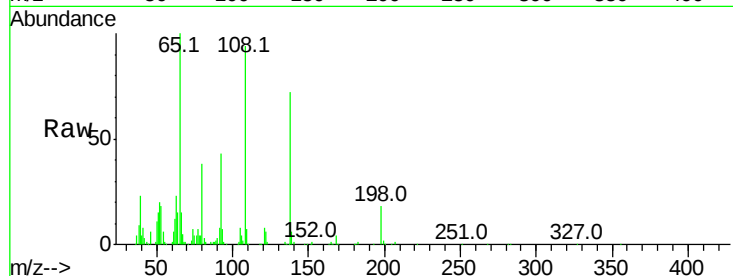




#61
4-Nitroaniline
Concen: 39.34 ng
RT: 15.70 min Scan# 2144
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

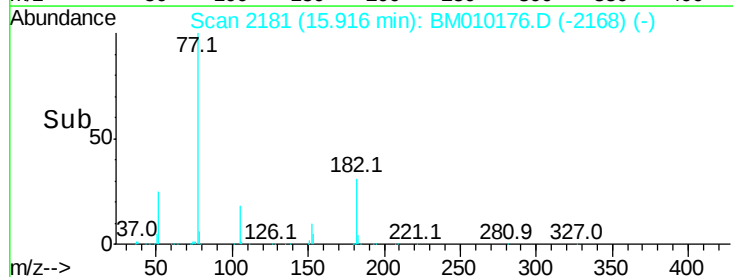
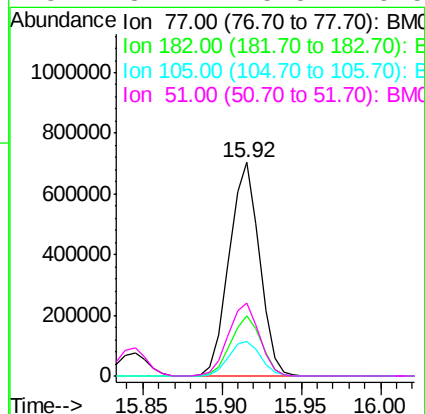
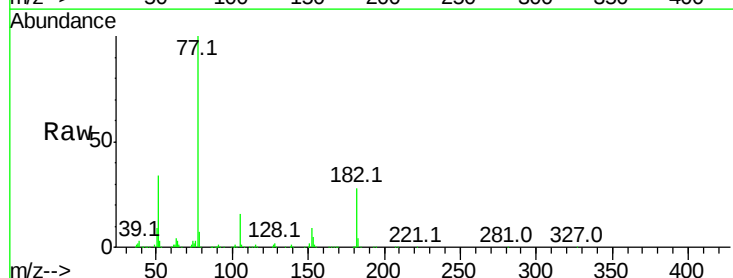
Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 167118
Ion Ratio Lower Upper
138 100
92 60.0 16.7 56.7#
108 129.5 37.6 77.6#



#62
Azobenzene
Concen: 56.30 ng
RT: 15.92 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

Tgt Ion: 77 Resp: 927928
Ion Ratio Lower Upper
77 100
182 28.2 6.5 46.5
105 16.3 3.8 43.8
51 34.4 5.5 45.5

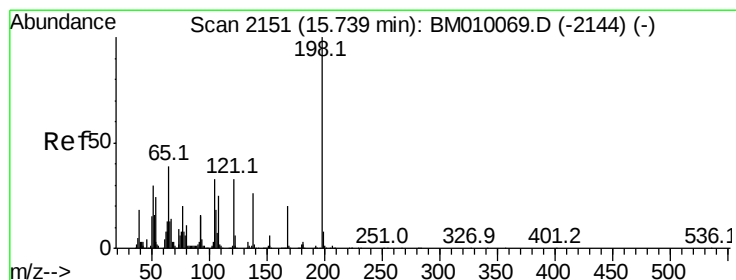
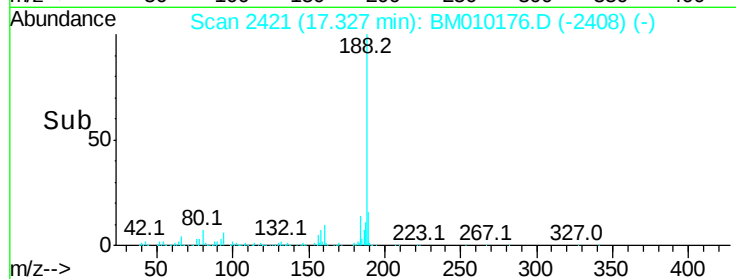
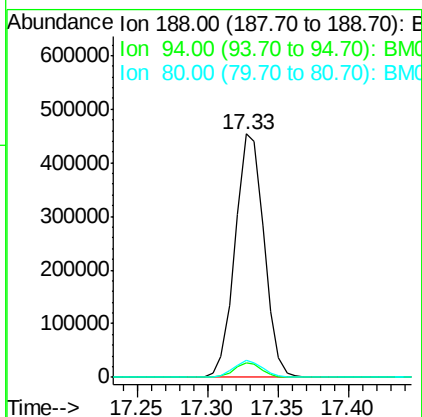
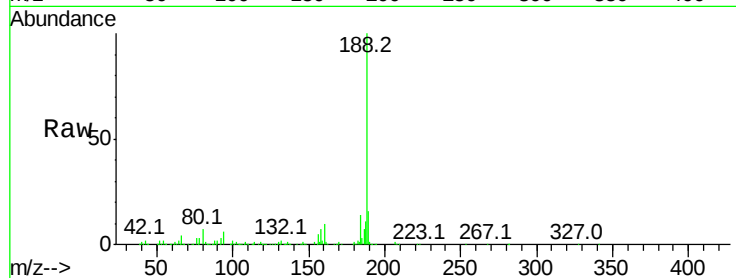




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

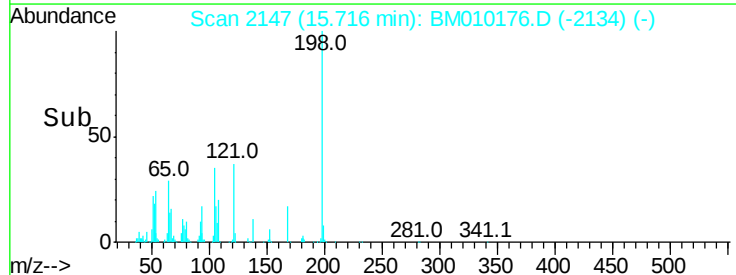
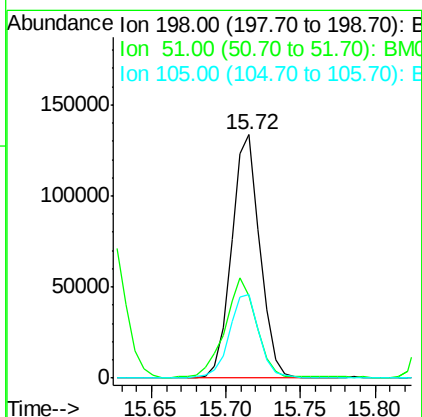
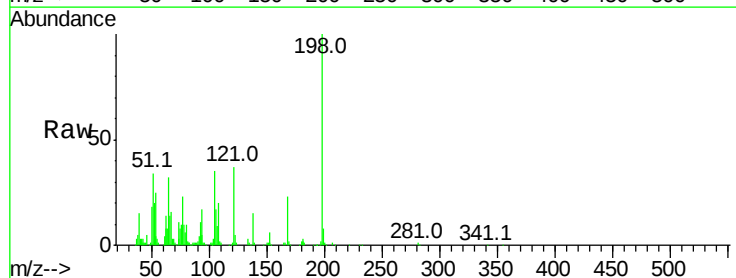
Instrument :
BNA_M
ClientSampleId :

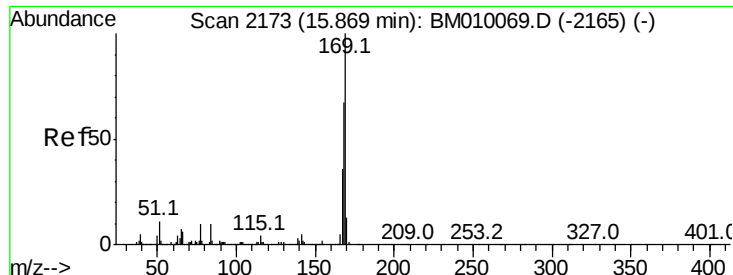
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	8.7	13.1#
80	6.9	9.3	13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 44.85 ng
RT: 15.72 min Scan# 2147
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

Tgt Ion	Ratio	Lower	Upper
198	100		
51	33.6	28.8	68.8
105	34.5	30.5	70.5

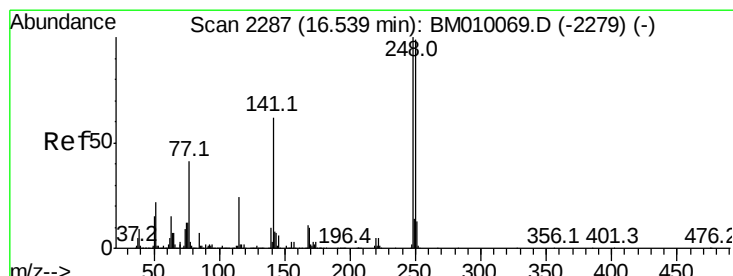
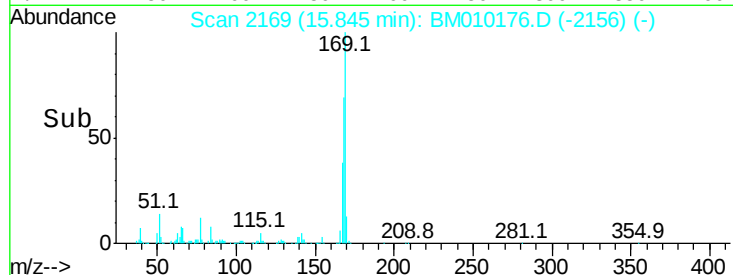
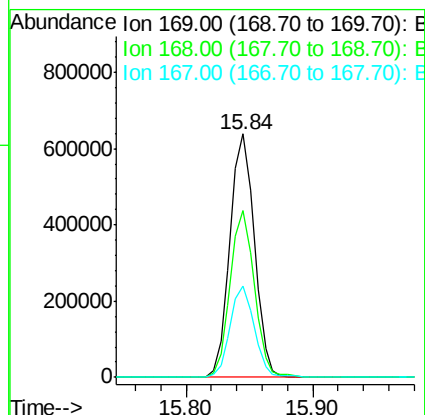
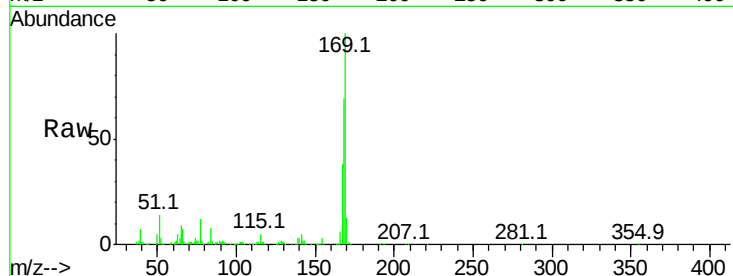




#65
 n-Nitrosodiphenylamine
 Concen: 43.81 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM010176.D
 Acq: 24 May 2017 12:27

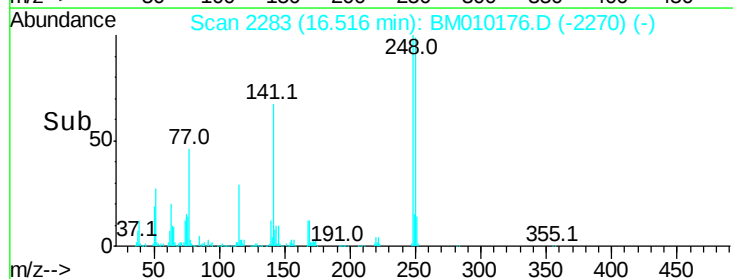
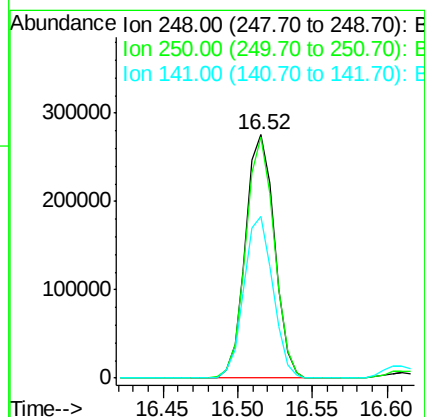
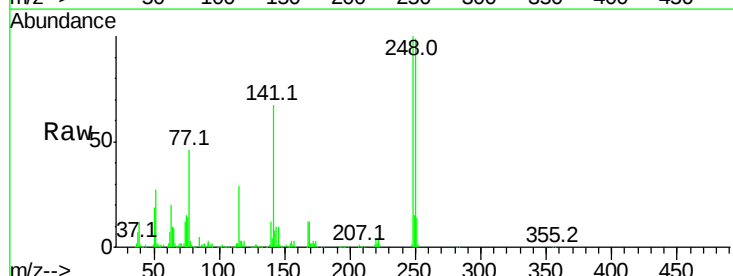
Instrument :
 BNA_M
 ClientSampleId :

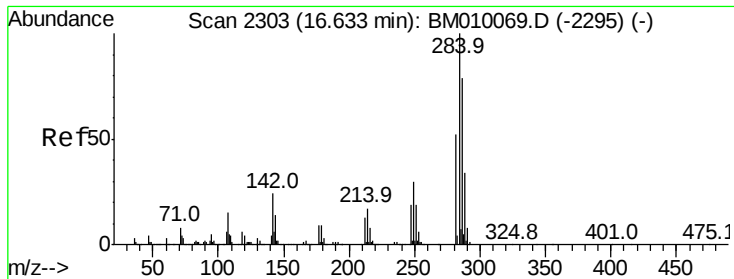
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.7	53.9	80.9
167	37.6	28.9	43.3



#66
 4-Bromophenyl-phenylether
 Concen: 44.72 ng
 RT: 16.52 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BM010176.D
 Acq: 24 May 2017 12:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.8	77.4	116.0
141	66.6	45.2	67.8





#67

Hexachlorobenzene

Concen: 41.16 ng

RT: 16.61 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampleId :

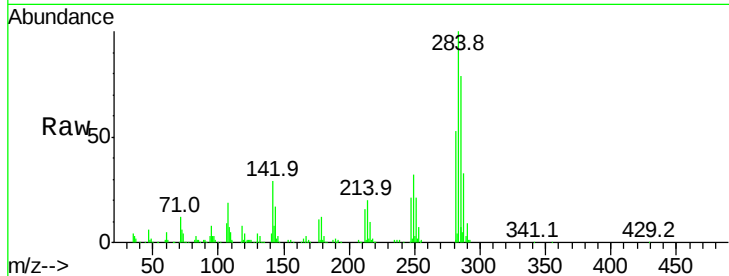
Tot Ion:284 Resp: 414481

Ion Ratio Lower Upper

284 100

142 28.7 20.4 30.6

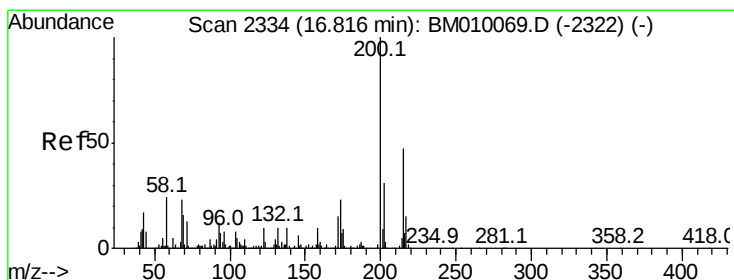
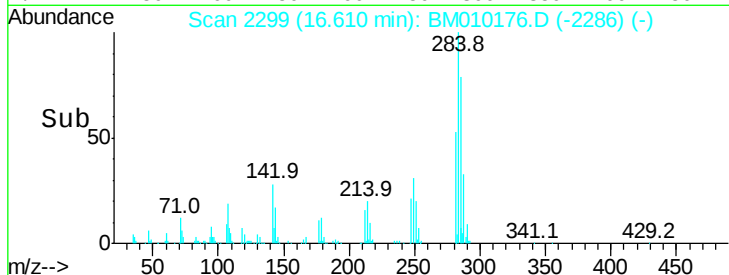
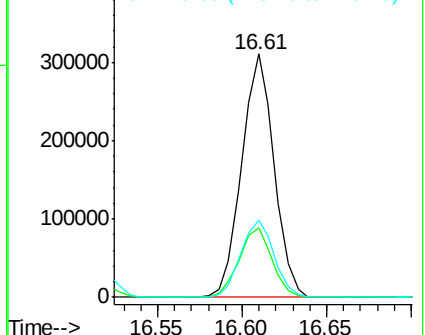
249 31.9 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.39 ng

RT: 16.79 min Scan# 2329

Delta R.T. -0.03 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

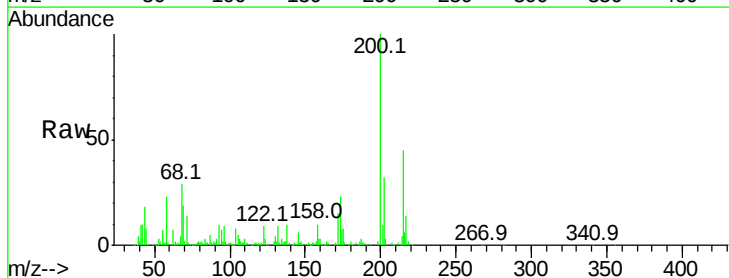
Tgt Ion:200 Resp: 348673

Ion Ratio Lower Upper

200 100

173 23.2 4.8 44.8

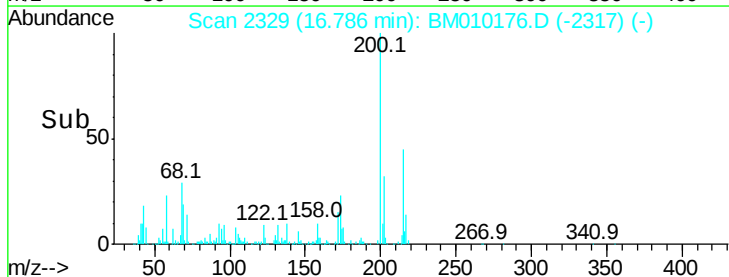
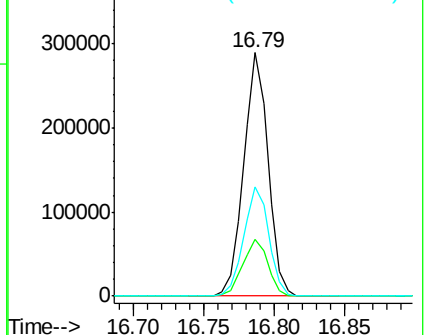
215 44.7 26.9 66.9

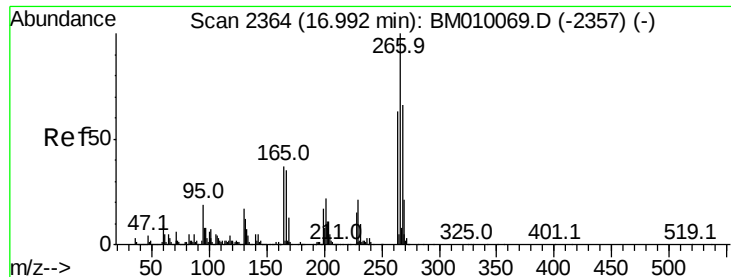


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

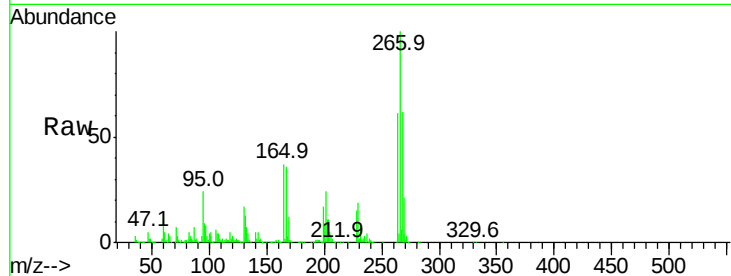




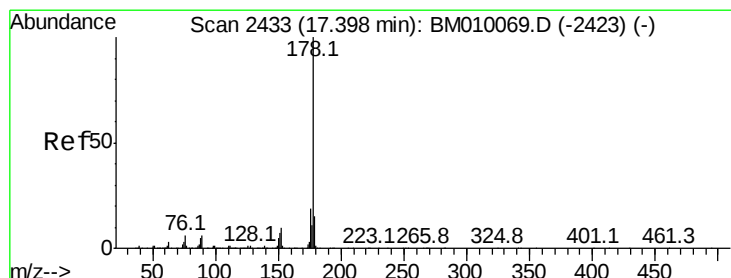
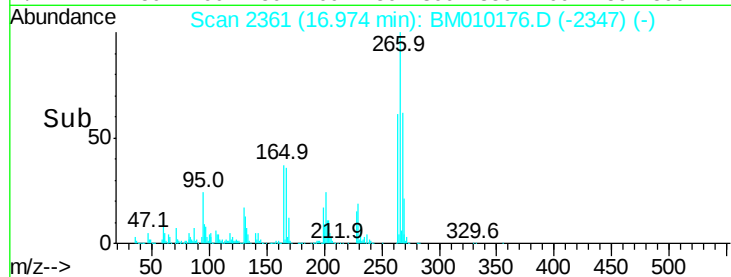
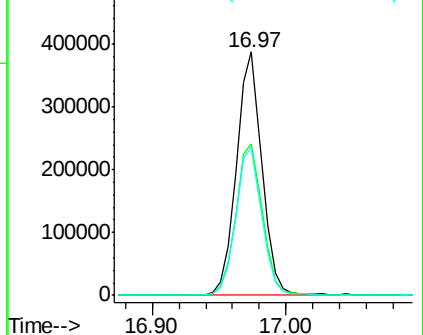
#69
 Pentachlorophenol
 Concen: 93.03 ng
 RT: 16.97 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: BM010176.D
 Acq: 24 May 2017 12:27

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.0	52.0	78.0
264	60.9	49.0	73.4

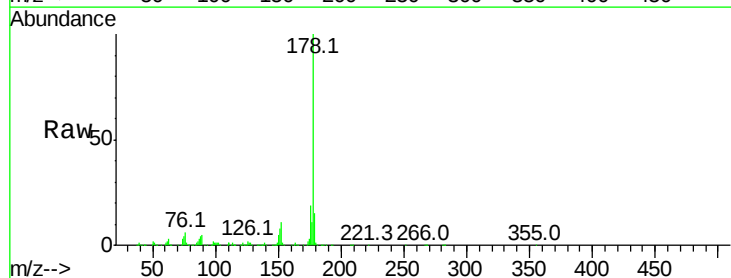


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

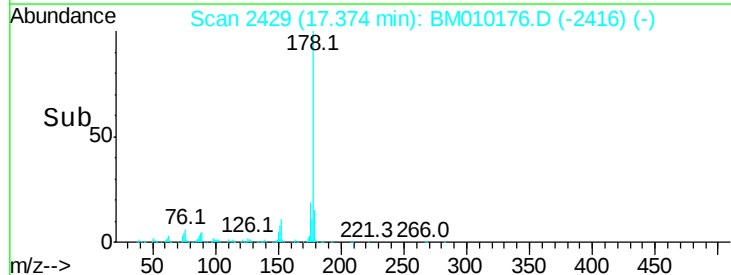
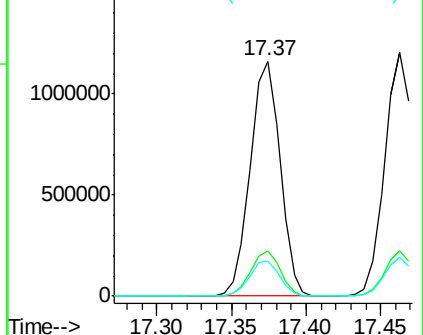


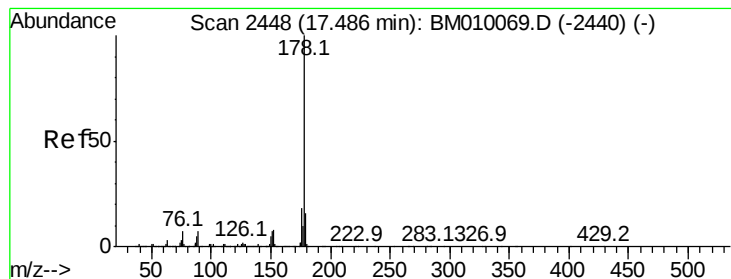
#70
 Phenanthrene
 Concen: 44.36 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BM010176.D
 Acq: 24 May 2017 12:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	14.9	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: 45.55 ng

RT: 17.46 min Scan# 2444

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampleId :

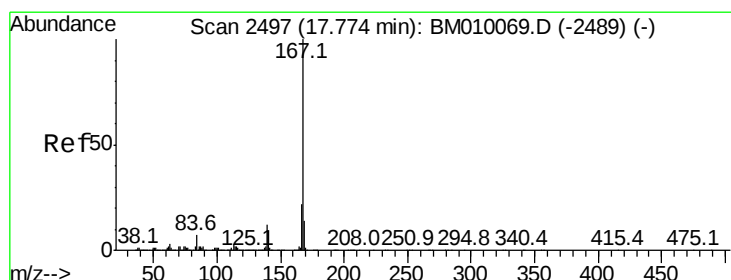
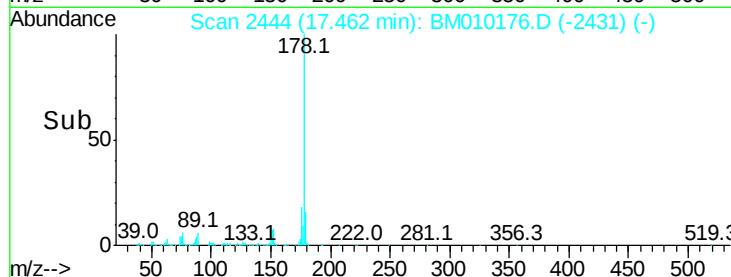
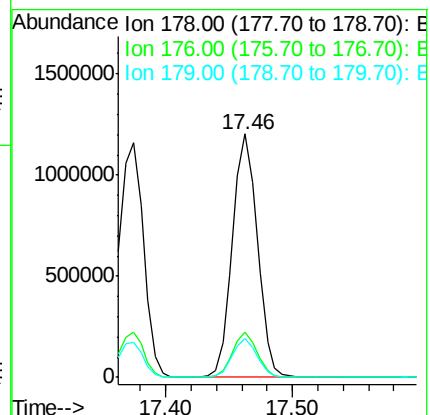
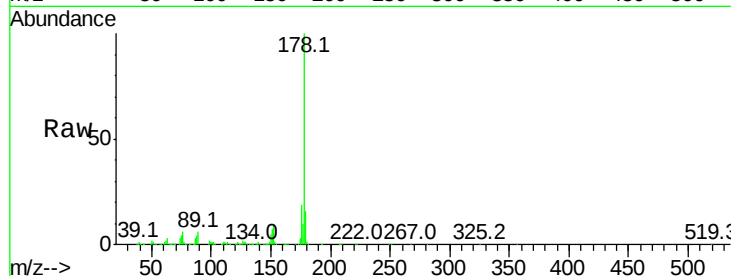
Tot Ion:178 Resp: 1637748

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.7	12.6	19.0

178 100

176 18.5 14.6 22.0

179 15.7 12.6 19.0



#72

Carbazole

Concen: 44.79 ng

RT: 17.75 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

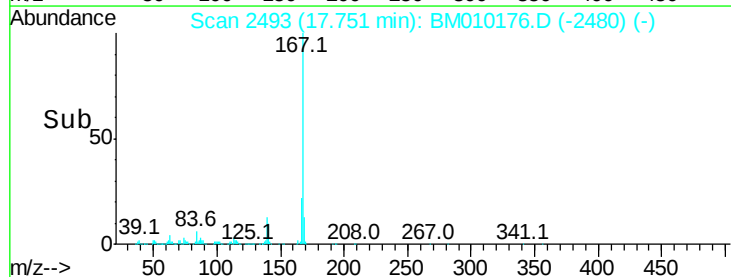
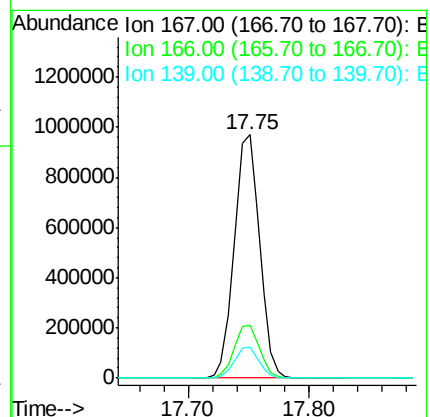
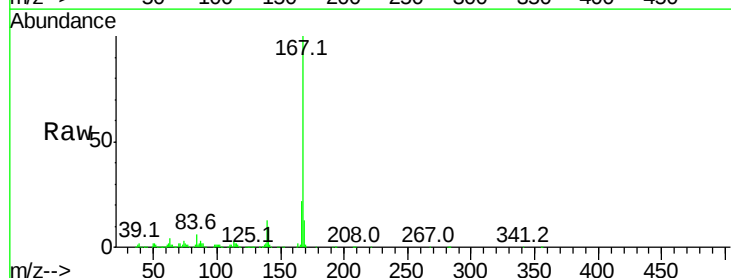
Tgt Ion:167 Resp: 1425594

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.5	10.8	16.2

167 100

166 21.5 17.2 25.8

139 12.5 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.61 ng

RT: 18.27 min Scan# 2581

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampleId :

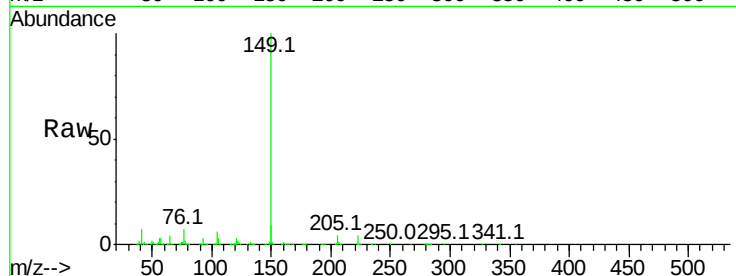
Tot Ion:149 Resp: 1532565

Ion Ratio Lower Upper

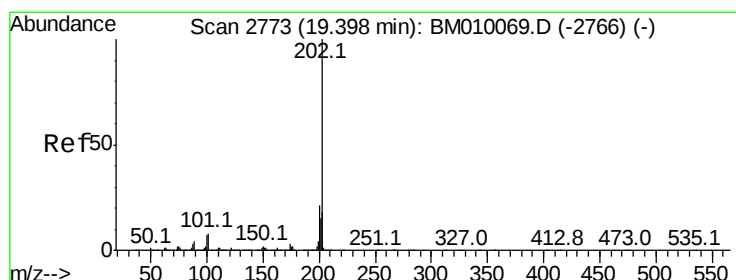
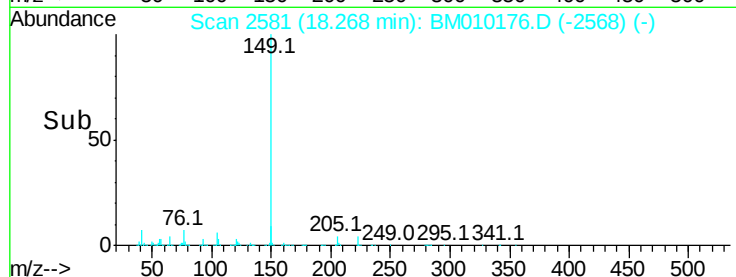
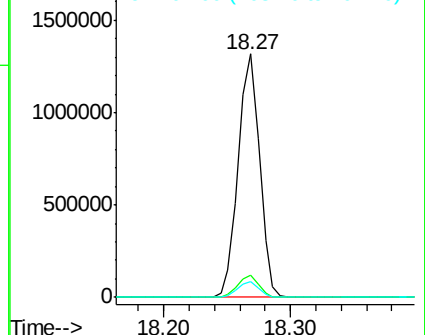
149 100

150 9.1 7.5 11.3

104 6.3 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: 44.45 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

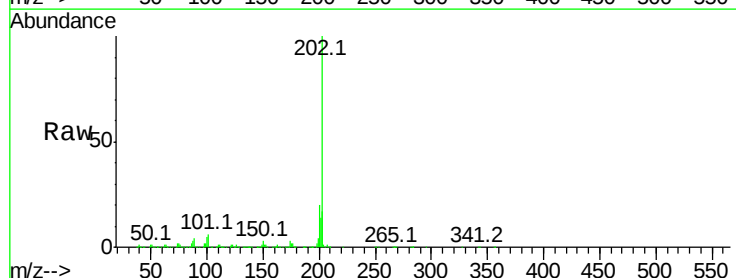
Tgt Ion:202 Resp: 2091047

Ion Ratio Lower Upper

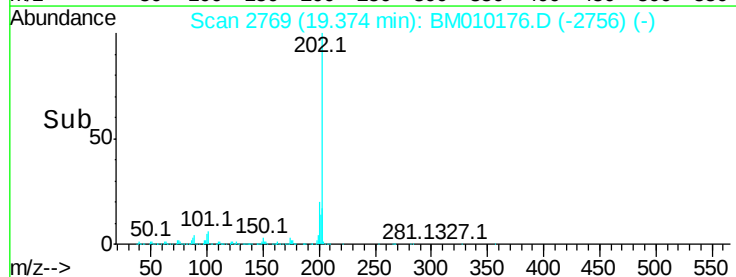
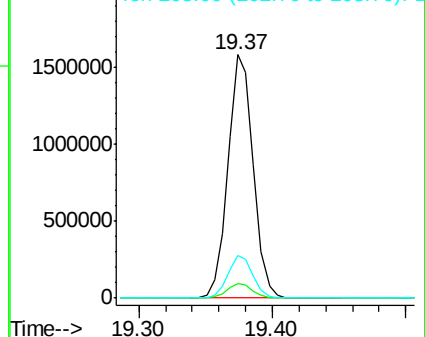
202 100

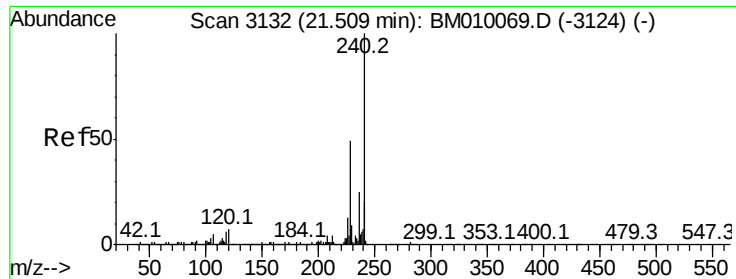
101 6.0 0.0 28.7

203 17.5 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampleId :

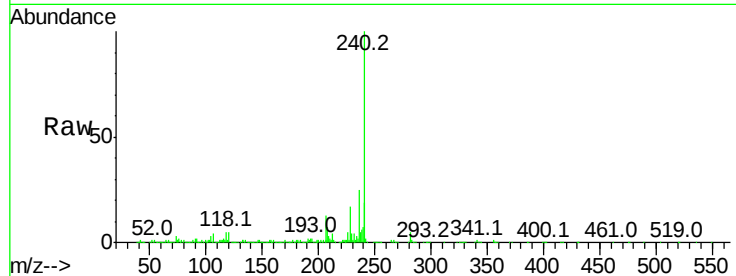
Tot Ion:240 Resp: 1022987

Ion Ratio Lower Upper

240 100

120 5.1 8.2 12.2#

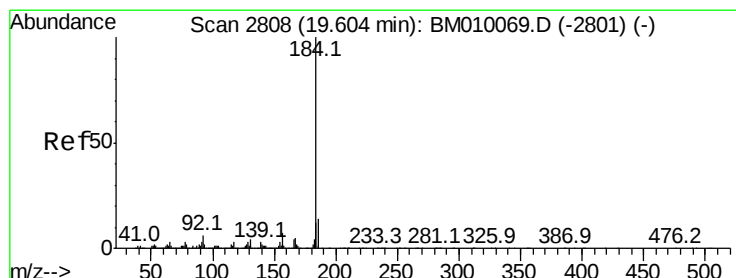
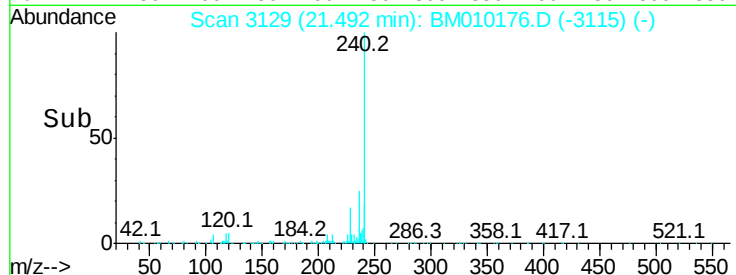
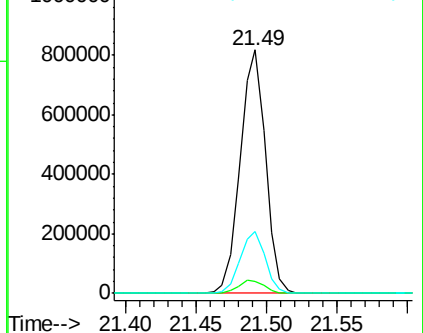
236 25.2 20.0 30.0



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: 68.26 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

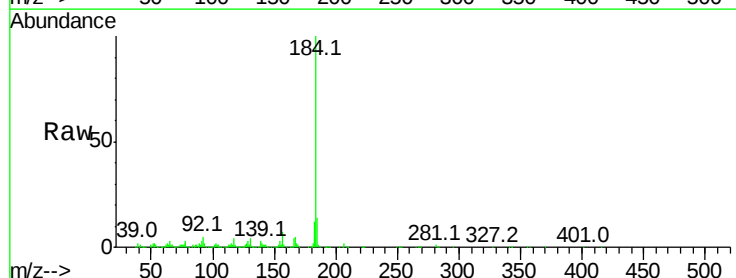
Tgt Ion:184 Resp: 1288074

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

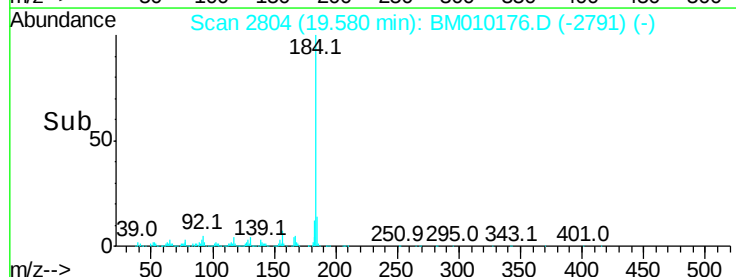
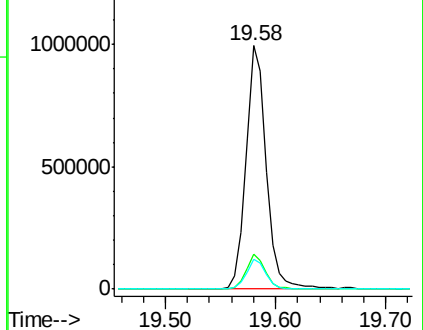
183 12.4 8.9 13.3

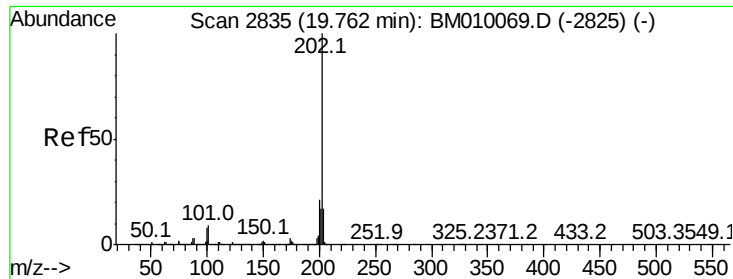


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.74 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

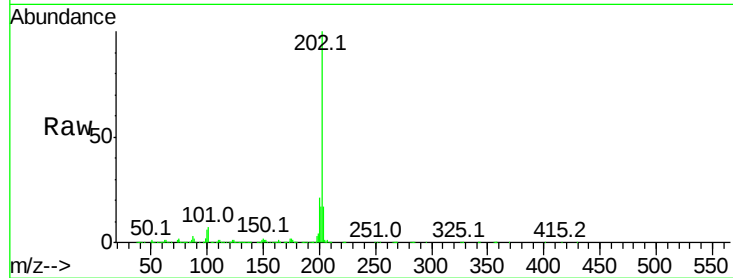
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 2179684

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	17.0	14.1	21.1

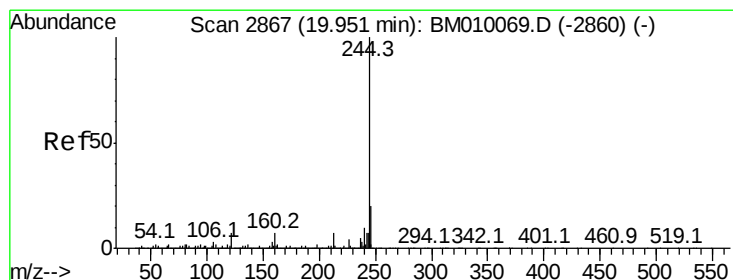
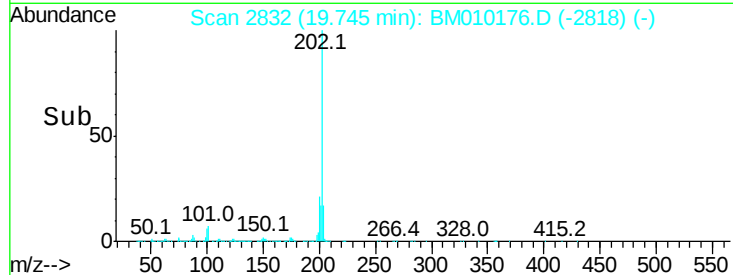
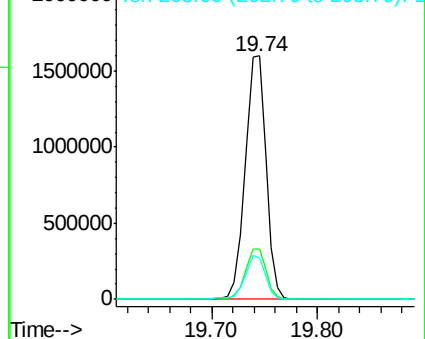


Abundance

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: 76.50 ng

RT: 19.93 min Scan# 2864

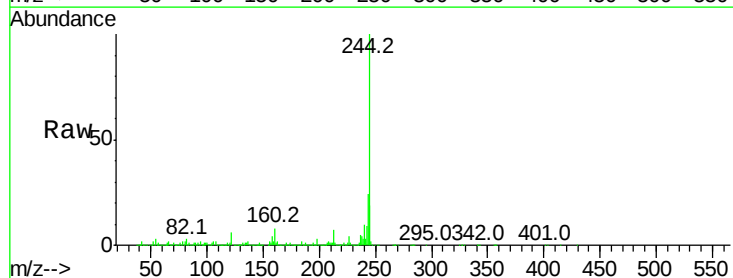
Delta R.T. -0.02 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Tgt Ion:244 Resp: 3441656

Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.9	7.3
122	6.1	6.2	9.4

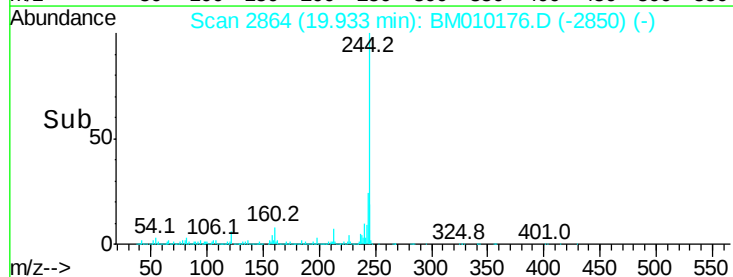
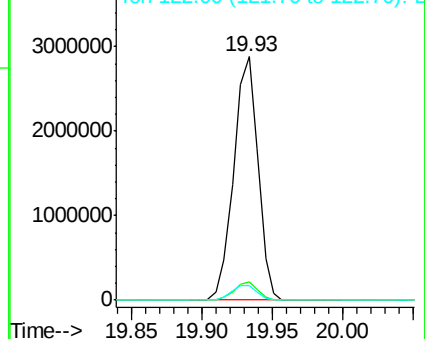


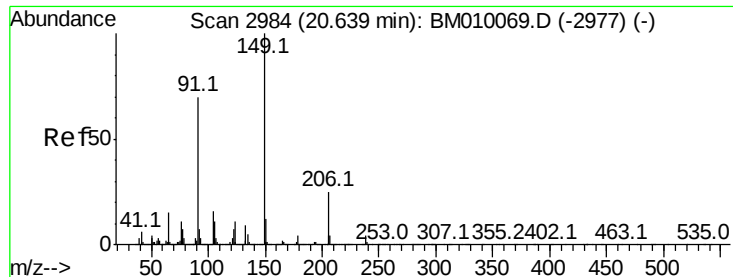
Abundance

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

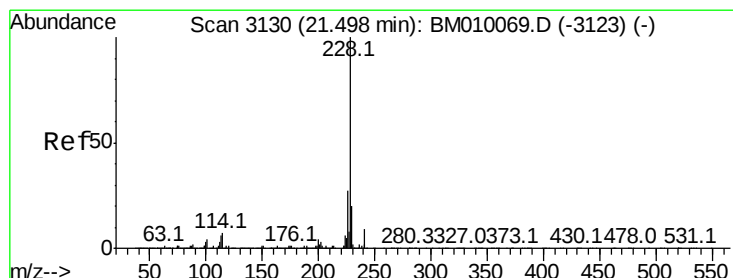
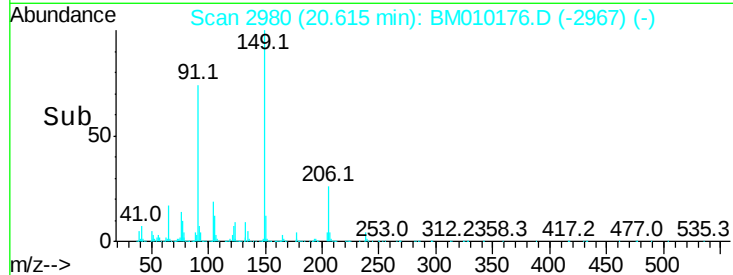
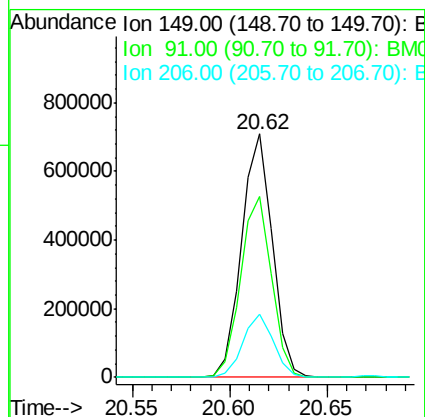
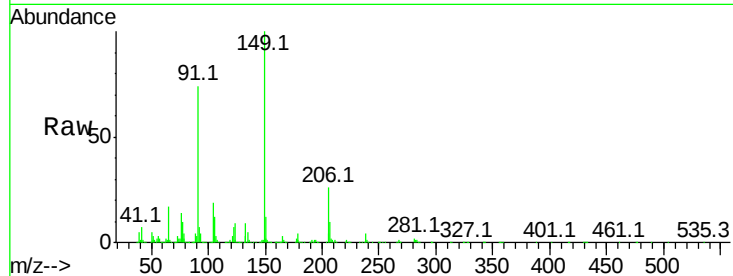




#79
Butylbenzylphthalate
Concen: 38.06 ng
RT: 20.62 min Scan# 2980
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

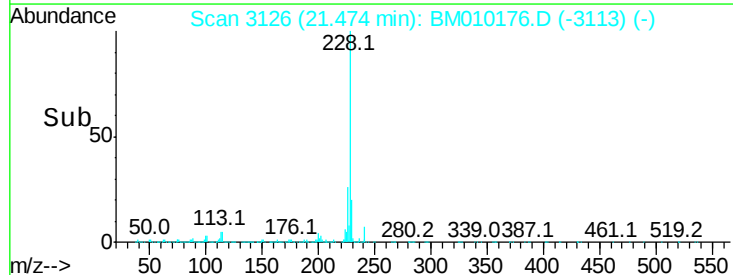
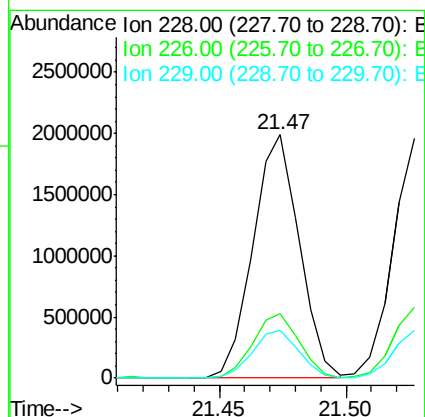
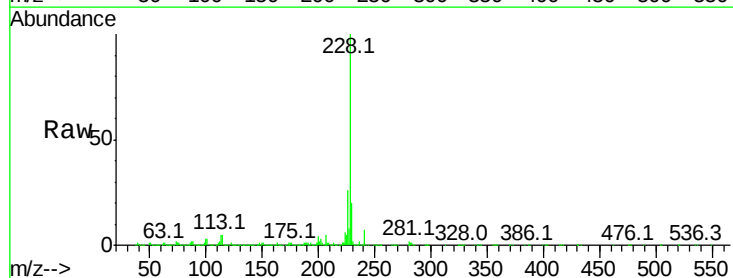
Instrument :
BNA_M
ClientSampleId :

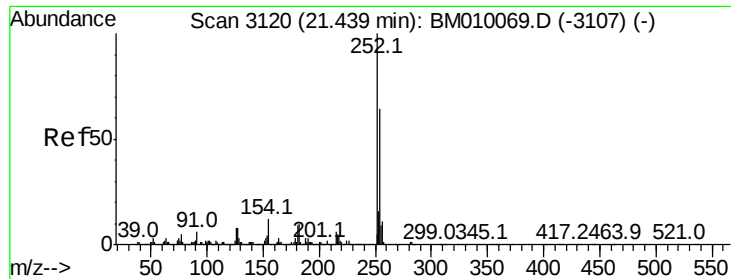
Tot Ion:149 Resp: 772775
Ion Ratio Lower Upper
149 100
91 74.1 50.1 75.1
206 25.8 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 44.74 ng
RT: 21.47 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BM010176.D
Acq: 24 May 2017 12:27

Tgt Ion:228 Resp: 2522653
Ion Ratio Lower Upper
228 100
226 26.4 21.7 32.5
229 19.6 16.0 24.0

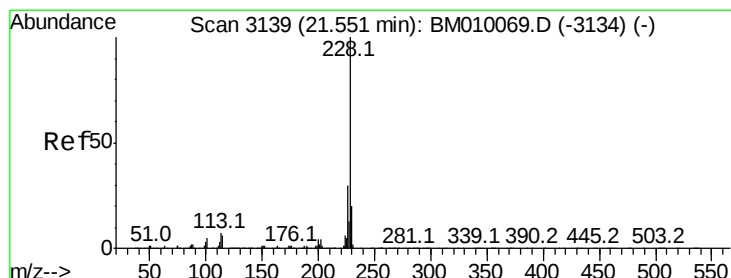
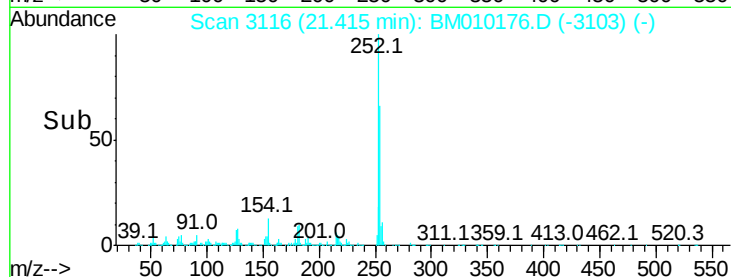
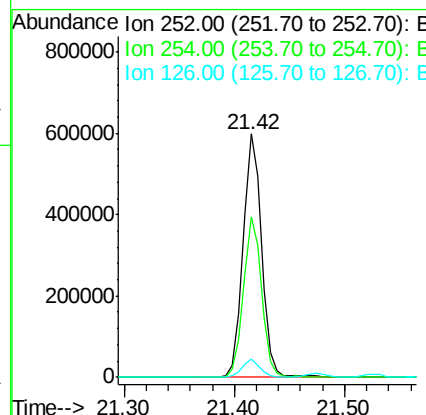
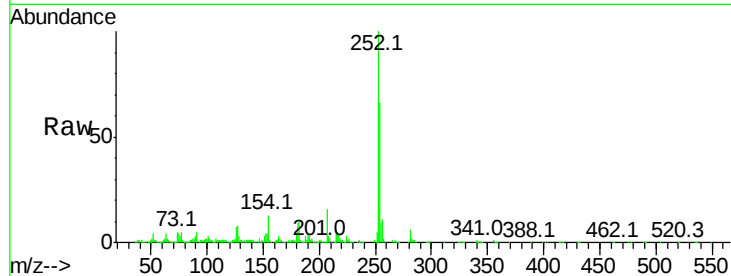




#81
 3,3'-Dichlorobenzidine
 Concen: 31.10 ng
 RT: 21.42 min Scan# 3116
 Delta R.T. -0.02 min
 Lab File: BM010176.D
 Acq: 24 May 2017 12:27

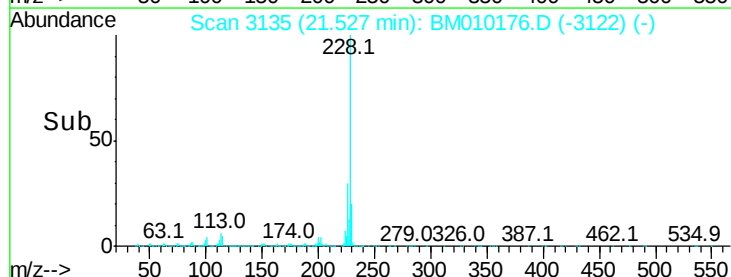
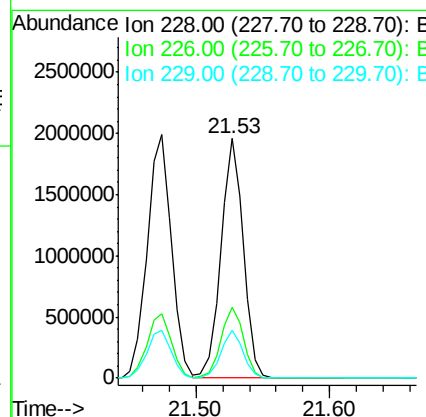
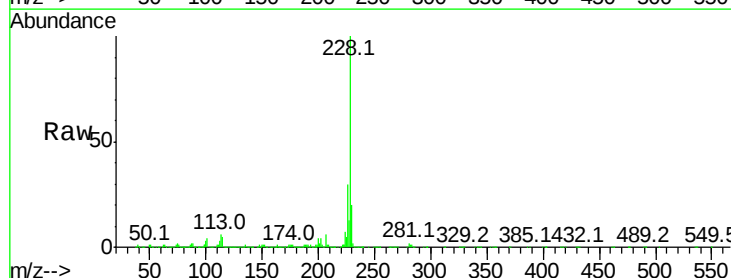
Instrument :
 BNA_M
 ClientSampleId :

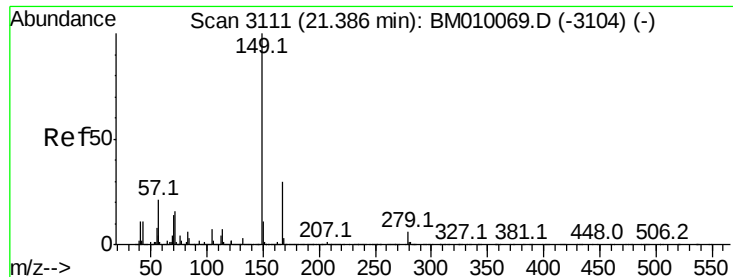
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.9	77.9
126	7.3	9.8	14.8



#82
 Chrysene
 Concen: 43.02 ng
 RT: 21.53 min Scan# 3135
 Delta R.T. -0.02 min
 Lab File: BM010176.D
 Acq: 24 May 2017 12:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	19.9	15.5	23.3

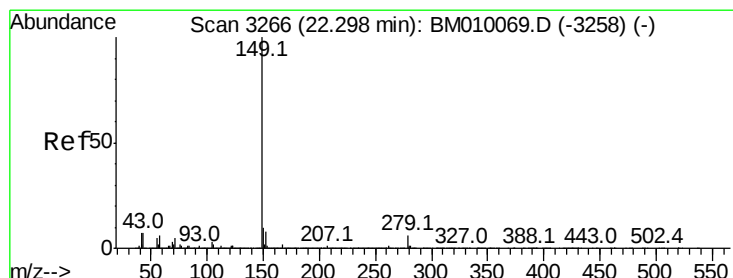
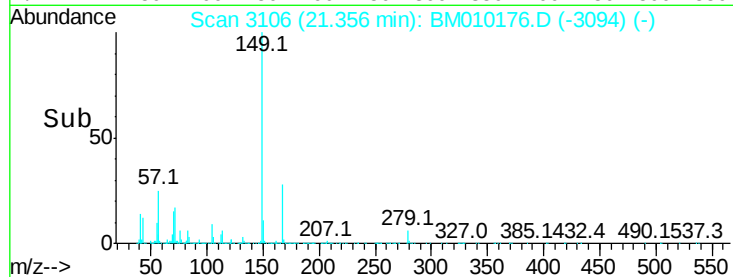
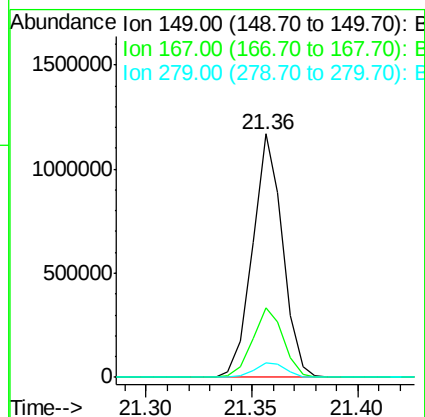
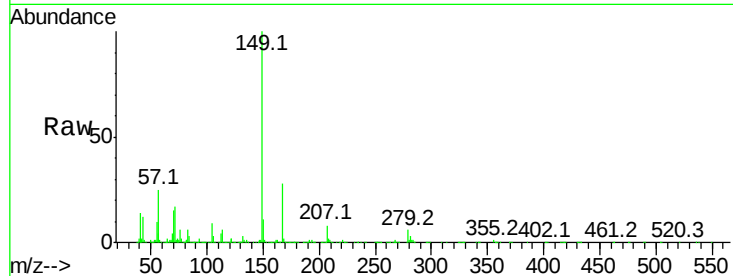




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.76 ng
 RT: 21.36 min Scan# 3106
 Delta R.T. -0.03 min
 Lab File: BM010176.D
 Acq: 24 May 2017 12:27

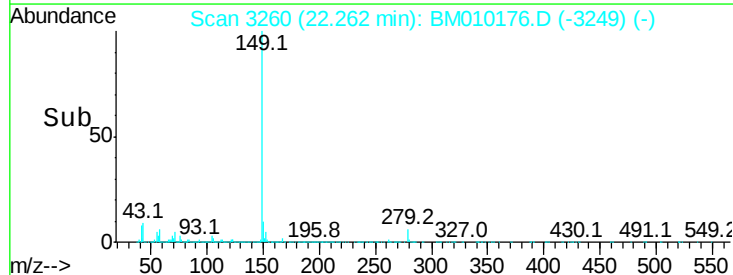
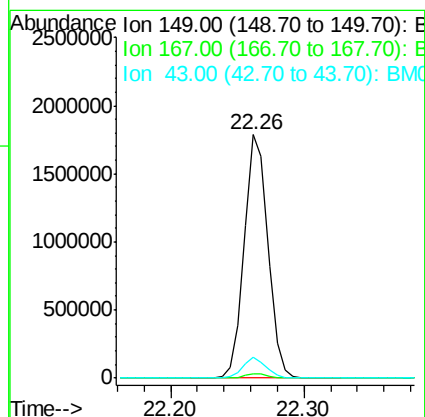
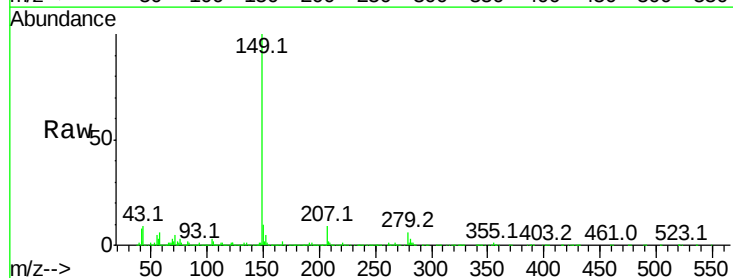
Instrument :
 BNA_M
 ClientSampleId :

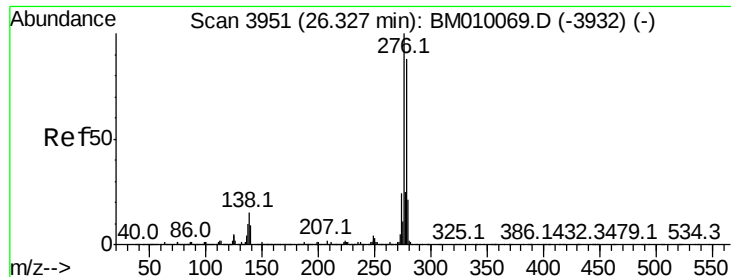
Tot Ion:149 Resp: 1146399
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.4 33.6
 279 5.8 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 39.91 ng
 RT: 22.26 min Scan# 3260
 Delta R.T. -0.04 min
 Lab File: BM010176.D
 Acq: 24 May 2017 12:27

Tgt Ion:149 Resp: 2169399
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8#
 43 8.1 7.3 10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 52.44 ng

RT: 26.27 min Scan# 3942

Delta R.T. -0.05 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampleId :

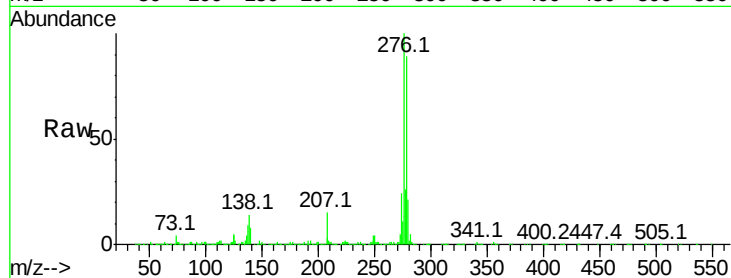
Tot Ion:276 Resp: 4111652

Ion Ratio Lower Upper

276 100

138 13.4 0.0 0.0#

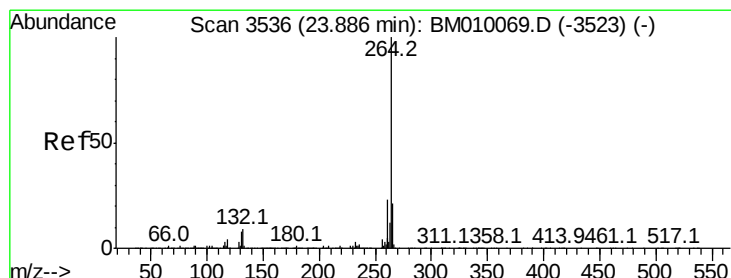
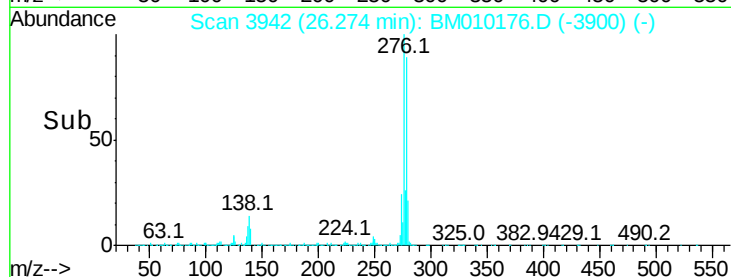
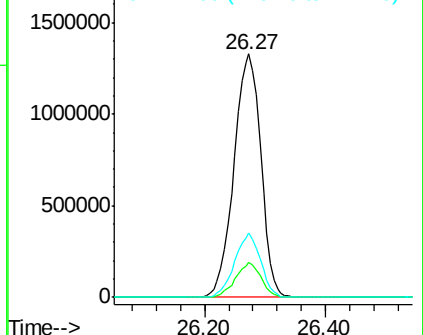
277 25.2 0.0 0.0#



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

Perylene-d12

Concen: 20.00 ng

RT: 23.85 min Scan# 3530

Delta R.T. -0.04 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

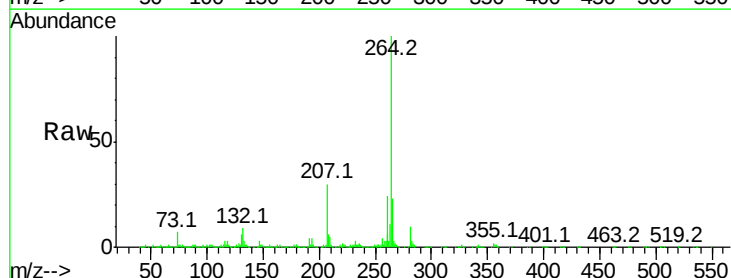
Tgt Ion:264 Resp: 1173957

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

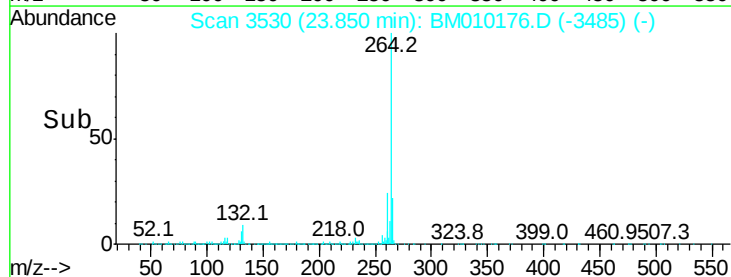
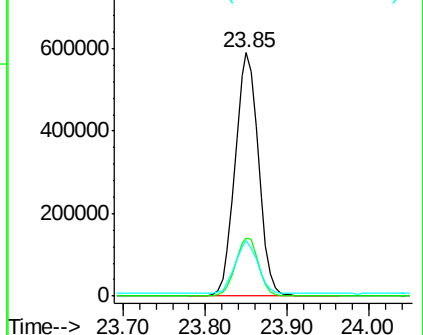
265 22.7 17.3 25.9

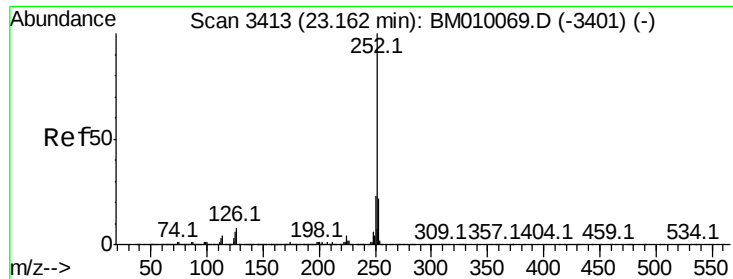


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.65 ng

RT: 23.13 min Scan# 3407

Delta R.T. -0.04 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampled :

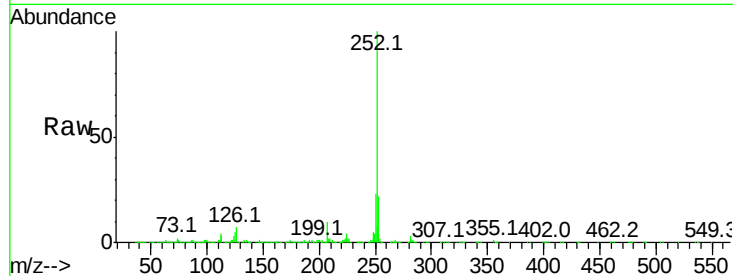
Tot Ion:252 Resp: 3067829

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

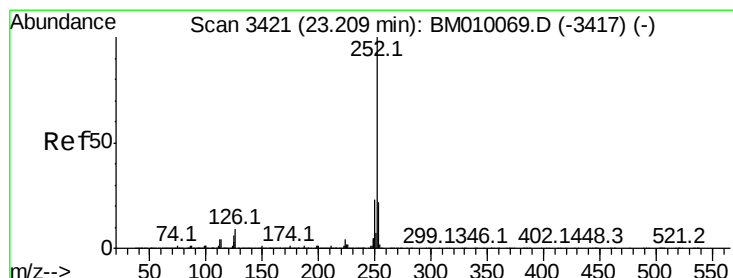
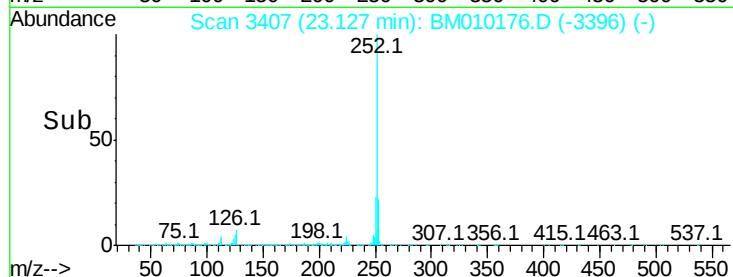
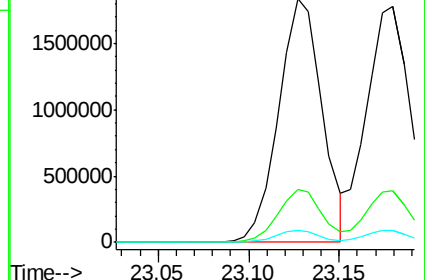
125 5.0 9.9 14.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.54 ng

RT: 23.18 min Scan# 3416

Delta R.T. -0.03 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

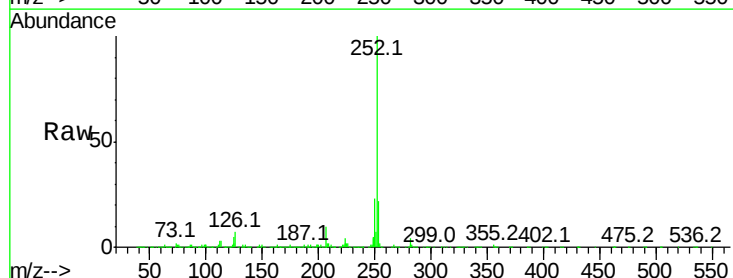
Tgt Ion:252 Resp: 2998125

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

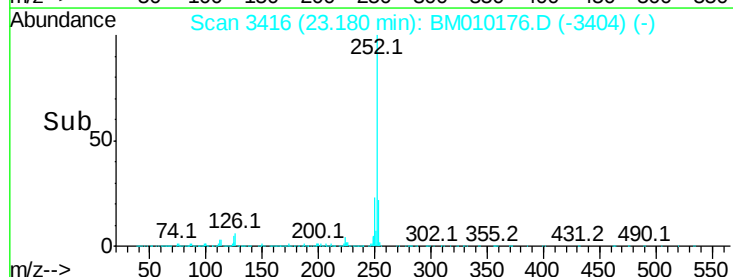
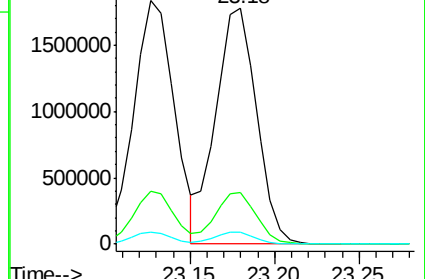
125 4.9 8.1 12.1#

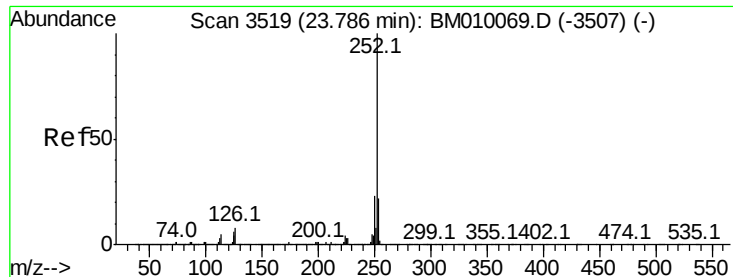


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.87 ng

RT: 23.75 min Scan# 3513

Delta R.T. -0.04 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

Instrument :

BNA_M

ClientSampleId :

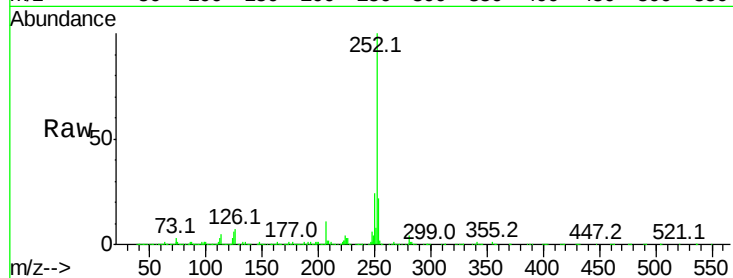
Tot Ion:252 Resp: 3003345

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	5.7	7.4	11.2#

252 100

253 22.3 17.6 26.4

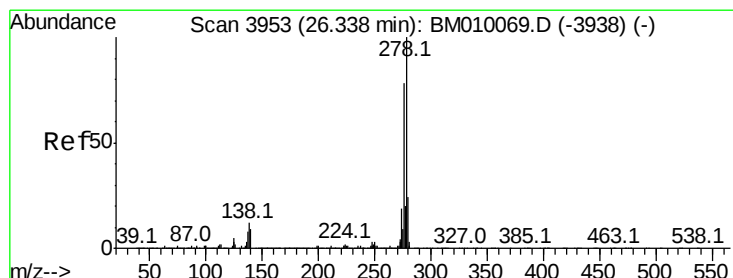
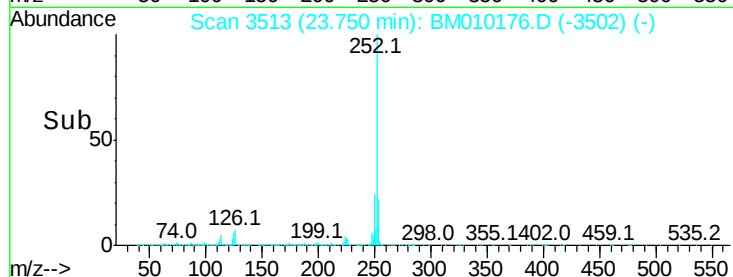
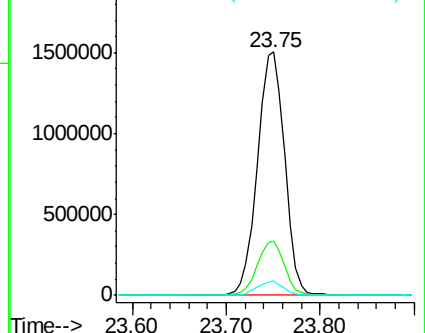
125 5.7 7.4 11.2#



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: 47.33 ng

RT: 26.29 min Scan# 3944

Delta R.T. -0.05 min

Lab File: BM010176.D

Acq: 24 May 2017 12:27

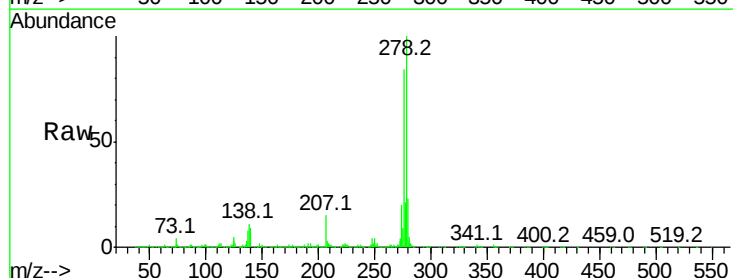
Tgt Ion:278 Resp: 3464874

Ion	Ratio	Lower	Upper
278	100		
139	8.5	13.4	20.0#
279	23.5	19.0	28.4

278 100

139 8.5 13.4 20.0#

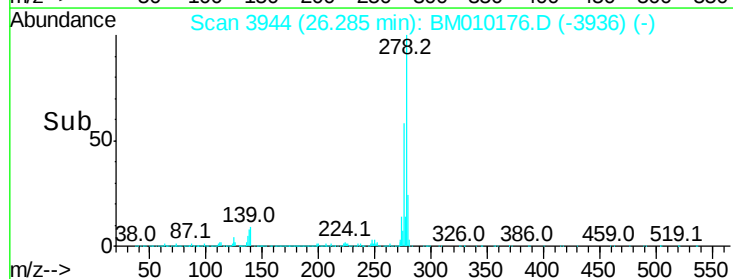
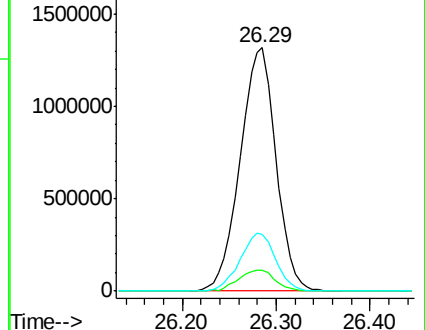
279 23.5 19.0 28.4

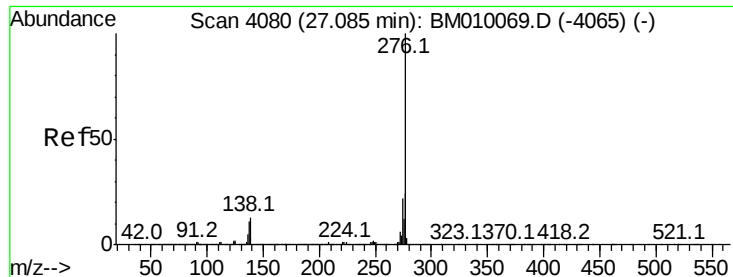


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



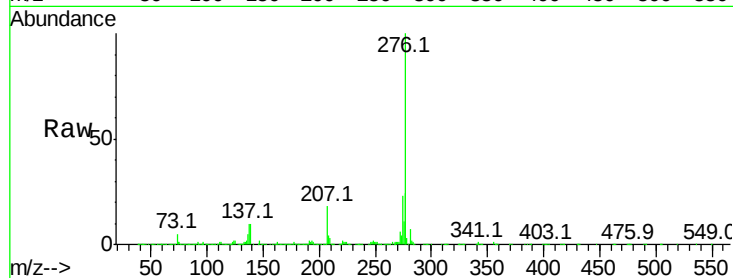


#91
 Benzo(a,h,i)perylene
 Concen: 46.79 ng
 RT: 27.03 min Scan# 4070
 Delta R.T. -0.06 min
 Lab File: BM010176.D
 Acq: 24 May 2017 12:27

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:276 Resp: 3356430

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.5	27.7
138	10.4	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

