

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010190.D
 Acq On : 24 May 2017 20:50
 Operator : SJ/MA
 Sample : I3305-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DSK-SB1(5-10)MSD

Quant Time: May 25 05:29:46 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	124810	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	446988	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	302222	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	777336	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1165508	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1236479	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	662139	95.80	ng	-0.02
7) Phenol-d6	7.14	99	827118	93.00	ng	-0.03
23) Nitrobenzene-d5	9.14	82	546875	66.01	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	449207	97.86	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	1389010	59.08	ng	-0.03
78) Terphenyl-d14	19.93	244	2606430	50.85	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	83877	26.41	ng	# 100
3) Pyridine	3.85	79	221123	26.01	ng	# 87
4) n-Nitrosodimethylamine	3.76	42	112432	36.57	ng	# 84
6) Aniline	7.30	93	199603	18.11	ng	93
8) 2-Chlorophenol	7.52	128	212015	28.19	ng	92
9) Benzaldehyde	7.12	77	59590	10.76	ng	82
10) Phenol	7.16	94	289546	30.89	ng	96
11) bis(2-Chloroethyl)ether	7.38	93	186068	26.63	ng	97
12) 1,3-Dichlorobenzene	7.83	146	252758	26.45	ng	# 89
13) 1,4-Dichlorobenzene	7.99	146	259793	26.47	ng	97
14) 1,2-Dichlorobenzene	8.30	146	250965	26.63	ng	97
15) Benzyl Alcohol	8.21	79	209429	31.12	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.47	45	158181	23.03	ng	79
17) 2-Methylphenol	8.41	107	185728	27.85	ng	# 85
18) Hexachloroethane	9.02	117	84105	26.43	ng	# 68
19) n-Nitroso-di-n-propylamine	8.76	70	179185	28.55	ng	91
20) 3+4-Methylphenols	8.74	107	251469	27.92	ng	88
22) Acetophenone	8.79	105	329001	28.71	ng	# 97
24) Nitrobenzene	9.18	77	279822	32.78	ng	94
25) Isophorone	9.68	82	438446	30.63	ng	# 93
26) 2-Nitrophenol	9.88	139	103502	28.77	ng	# 56
27) 2,4-Dimethylphenol	9.93	122	191138	29.42	ng	# 74
28) bis(2-Chloroethoxy)methane	10.17	93	242475	26.69	ng	97
29) 2,4-Dichlorophenol	10.41	162	239732	32.05	ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	276547	28.58	ng	97
31) Naphthalene	10.81	128	620653	25.96	ng	99
32) Benzoic acid	10.01	122	11541	2.61	ng	# 76
33) 4-Chloroaniline	10.95	127	85039	9.23	ng	# 83
34) Hexachlorobutadiene	11.05	225	188345	29.18	ng	99
35) Caprolactam	11.75	113	57033	26.58	ng	# 81
36) 4-Chloro-3-methylphenol	12.06	107	239040	29.51	ng	84
37) 2-Methylnaphthalene	12.40	142	491447	28.55	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	323214	27.81	ng	# 100
40) Hexachlorocyclopentadiene	12.72	237	415224	61.88	ng	100

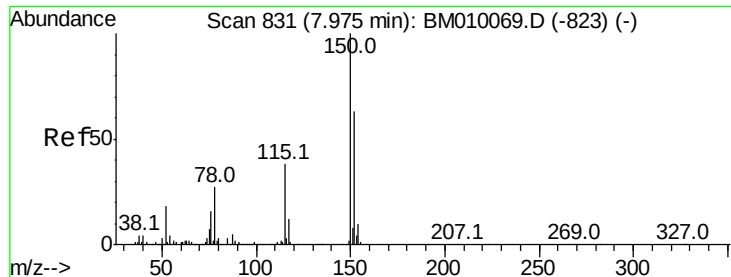
Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	213266	31.16	nq	94
43) 2,4,5-Trichlorophenol	13.09	196	228522	30.21	nq	# 94
45) 1,1'-Biphenyl	13.42	154	684509	27.54	nq	99
46) 2-Chloronaphthalene	13.46	162	541430	26.91	nq	96
47) 2-Nitroaniline	13.70	65	161457	31.20	nq	# 80
48) Acenaphthylene	14.31	152	837295	28.14	nq	99
49) Dimethylphthalate	14.05	163	976360	36.22	nq	# 98
50) 2,6-Dinitrotoluene	14.18	165	152171	29.73	nq	86
51) Acenaphthene	14.65	154	510014	27.57	nq	100
52) 3-Nitroaniline	14.53	138	92644	19.47	nq	# 74
53) 2,4-Dinitrophenol	14.72	184	70583	25.45	nq	# 85
54) Dibenzofuran	14.98	168	876853	30.15	nq	95
55) 4-Nitrophenol	14.84	139	222182	58.03	nq	# 30
56) 2,4-Dinitrotoluene	14.96	165	217765	30.07	nq	# 86
57) Fluorene	15.63	166	723226	28.59	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.20	232	221319	34.35	nq	# 100
59) Diethylphthalate	15.39	149	695080	27.27	nq	98
60) 4-Chlorophenyl-phenylether	15.62	204	400851	28.23	nq	99
61) 4-Nitroaniline	15.69	138	122627	25.39	nq	# 26
62) Azobenzene	15.91	77	677398	36.14	nq	89
64) 4,6-Dinitro-2-methylphenol	15.71	198	113960	24.00	nq	84
65) n-Nitrosodiphenylamine	15.84	169	635199	27.27	nq	99
66) 4-Bromophenyl-phenylether	16.51	248	270962	27.23	nq	# 91
67) Hexachlorobenzene	16.61	284	304670	25.20	nq	96
68) Atrazine	16.79	200	268053	30.35	nq	98
69) Pentachlorophenol	16.97	266	368712	55.52	nq	98
70) Phenanthrene	17.37	178	1188597	27.33	nq	99
71) Anthracene	17.46	178	1219898	28.26	nq	99
72) Carbazole	17.74	167	1089077	28.50	nq	99
73) Di-n-butylphthalate	18.26	149	1169146	25.80	nq	# 98
74) Fluoranthene	19.37	202	1557713	27.59	nq	97
76) Benzidine	19.58	184	1020662	47.48	nq	99
77) Pyrene	19.74	202	1594975	25.52	nq	99
79) Butylbenzylphthalate	20.61	149	578693	25.02	nq	# 83
80) Benzo(a)anthracene	21.47	228	1765225	27.48	nq	100
81) 3,3'-Dichlorobenzidine	21.42	252	566784	21.94	nq	# 97
82) Chrysene	21.53	228	1589705	26.09	nq	99
83) Bis(2-ethylhexyl)phthalate	21.36	149	847088	24.49	nq	# 95
84) Di-n-octyl phthalate	22.26	149	1543325	24.92	nq	# 97
85) Indeno(1,2,3-cd)pyrene	26.26	276	2519104	28.20	nq	# 100
87) Benzo(b)fluoranthene	23.13	252	2032777	28.09	nq	# 93
88) Benzo(k)fluoranthene	23.17	252	1900808	26.81	nq	# 95
89) Benzo(a)pyrene	23.74	252	1922851	27.88	nq	# 97
90) Dibenzo(a,h)anthracene	26.27	278	2118293	27.47	nq	# 92
91) Benzo(g,h,i)perylene	27.01	276	2066838	27.36	nq	# 87

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

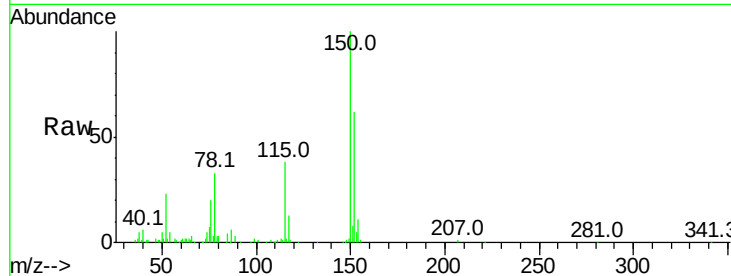


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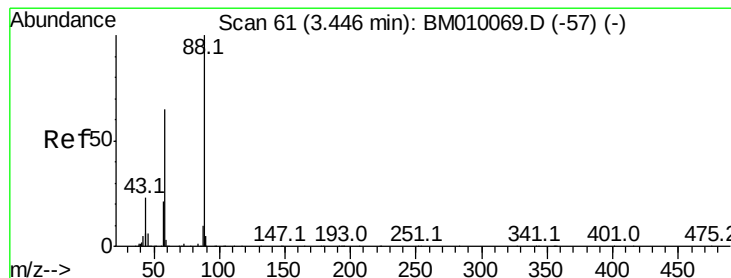
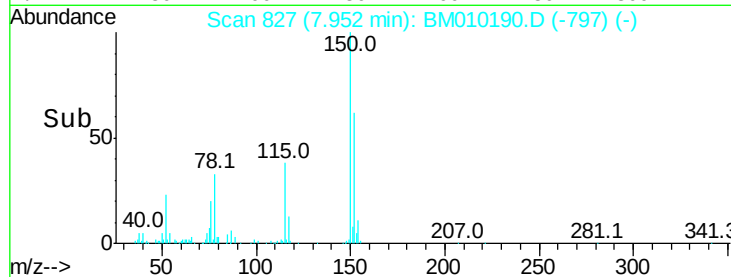
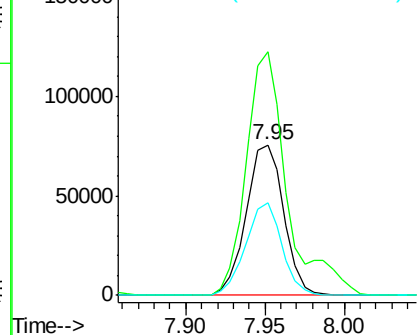
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

Instrument :
BNA_M
ClientSampleId :
DSK-SB1(5-10)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	119.5	179.3
115	61.9	43.0	64.4



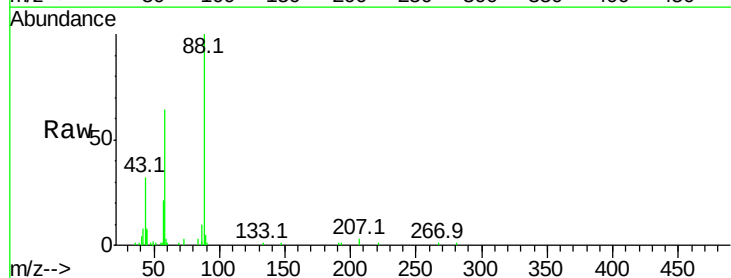
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



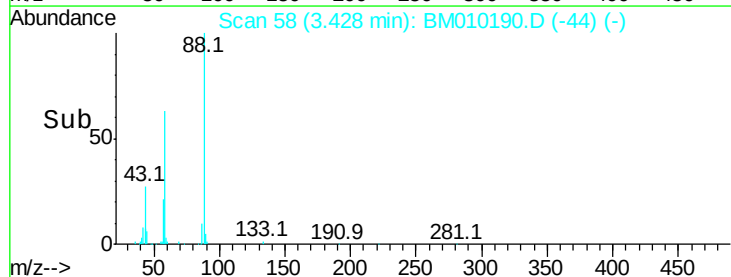
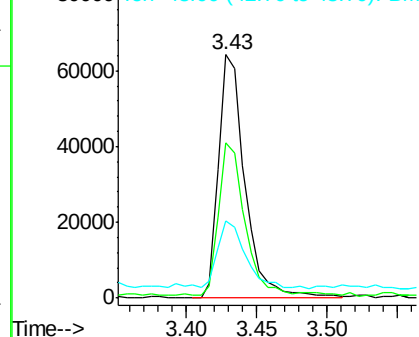
#2

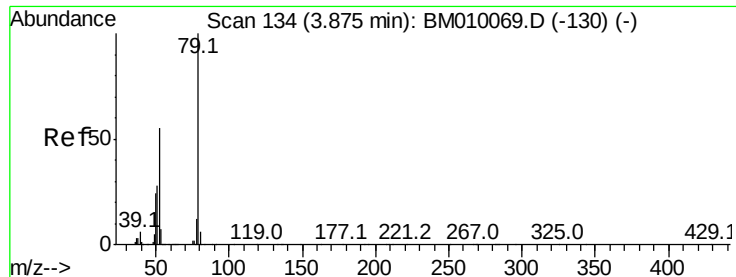
1,4-Dioxane
Concen: 26.41 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.02 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.7	0.0	0.0#
43	28.7	0.0	0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 26.01 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

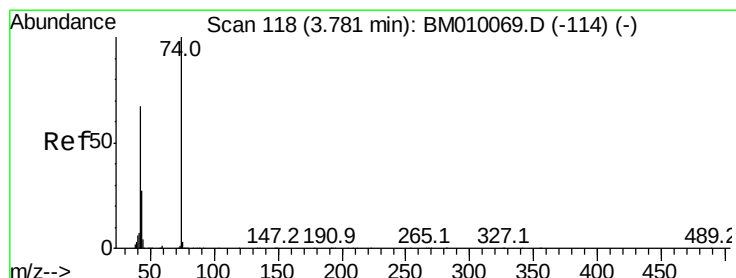
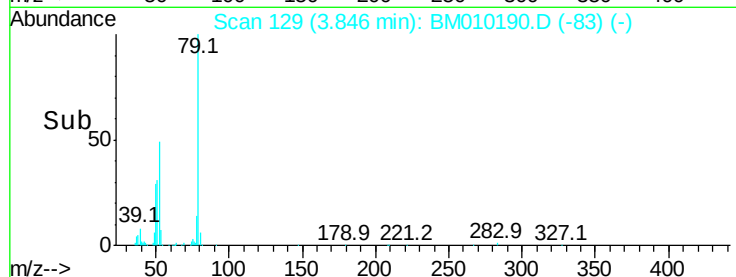
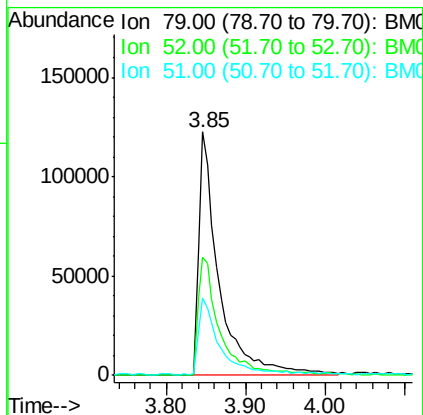
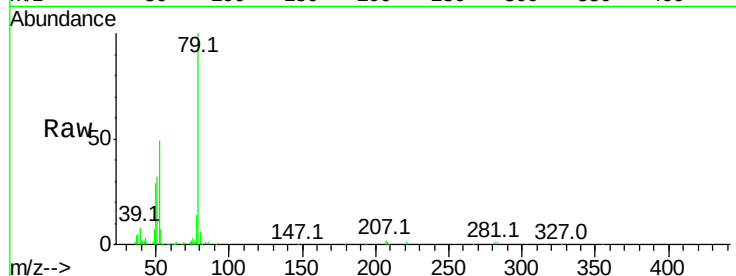
Tot Ion: 79 Resp: 221123

Ion Ratio Lower Upper

79 100

52 48.8 51.1 76.7#

51 31.9 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 36.57 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.02 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

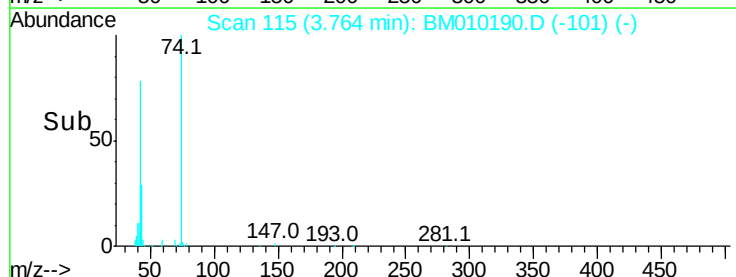
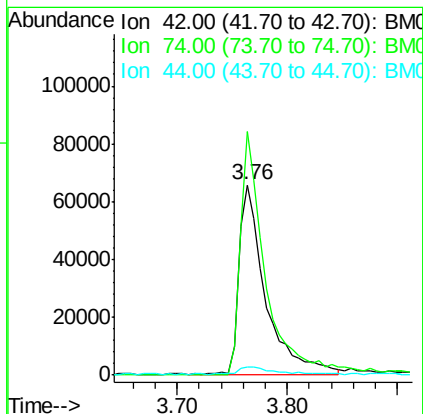
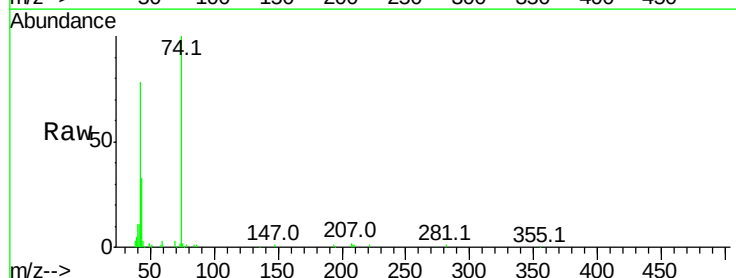
Tgt Ion: 42 Resp: 112432

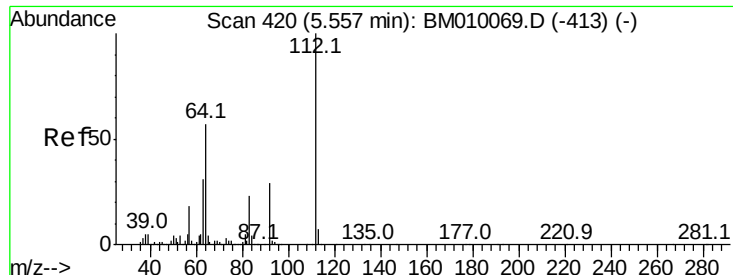
Ion Ratio Lower Upper

42 100

74 128.1 119.3 178.9

44 3.9 5.4 8.2#





#5

2-Fluorophenol

Concen: 95.80 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.02 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

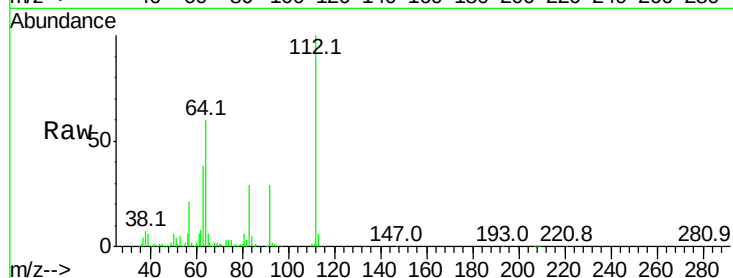
Tot Ion:112 Resp: 662139

Ion Ratio Lower Upper

112 100

64 60.4 38.6 57.8#

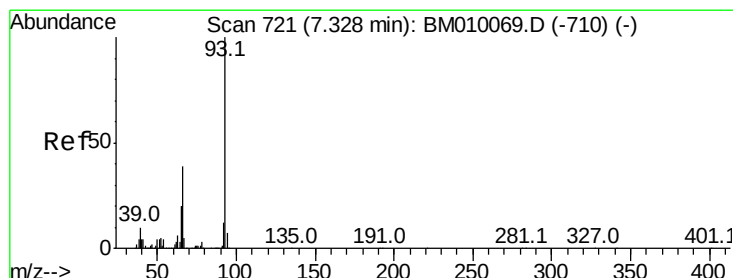
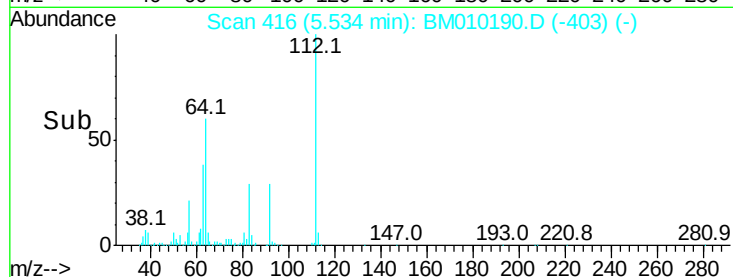
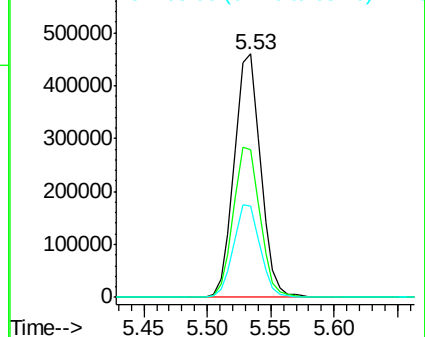
63 37.7 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 18.11 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

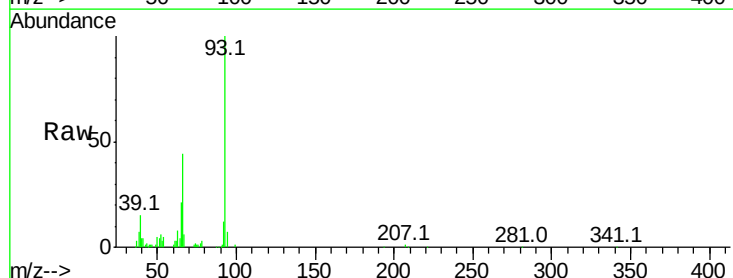
Tgt Ion: 93 Resp: 199603

Ion Ratio Lower Upper

93 100

66 44.2 30.8 46.2

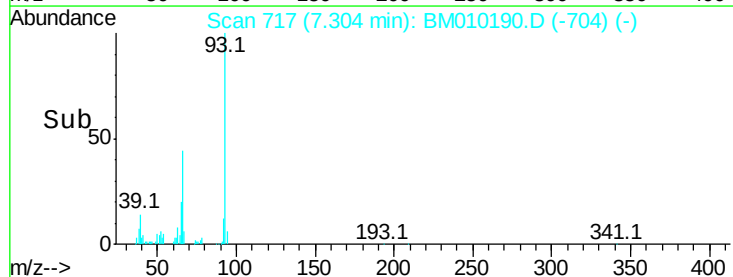
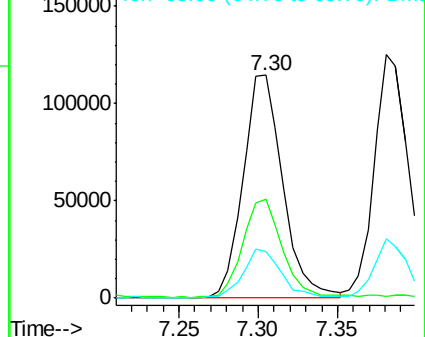
65 20.8 16.0 24.0

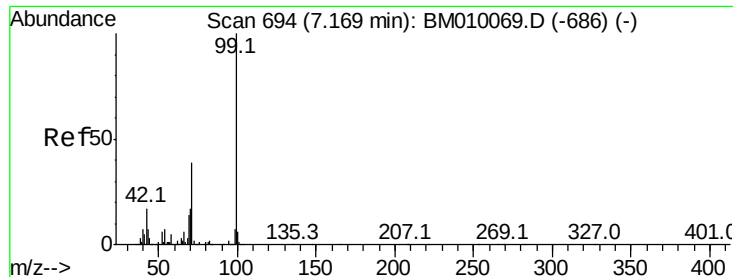


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 93.00 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

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ClientSampleId :

DSK-SB1(5-10)MSD

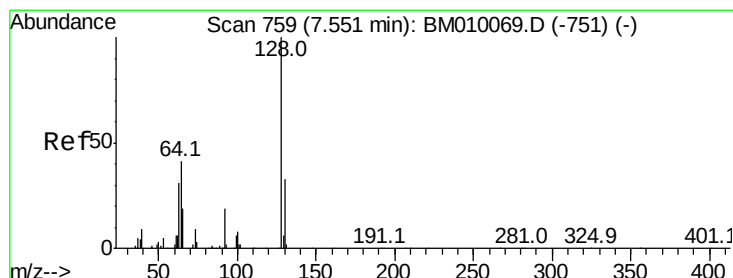
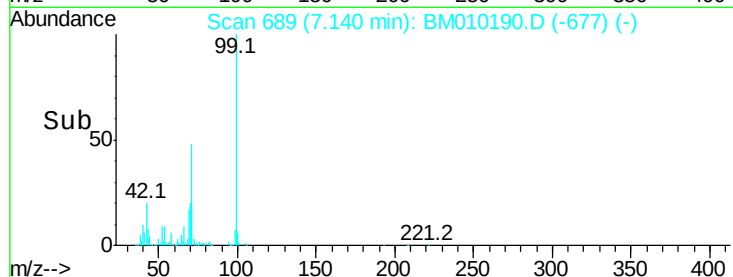
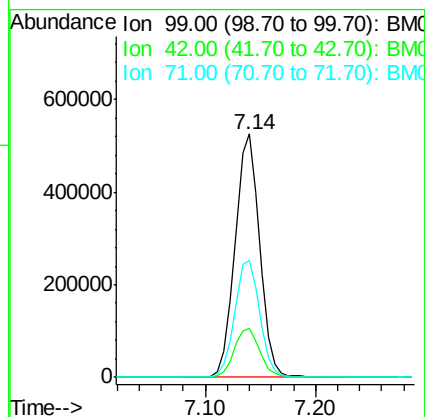
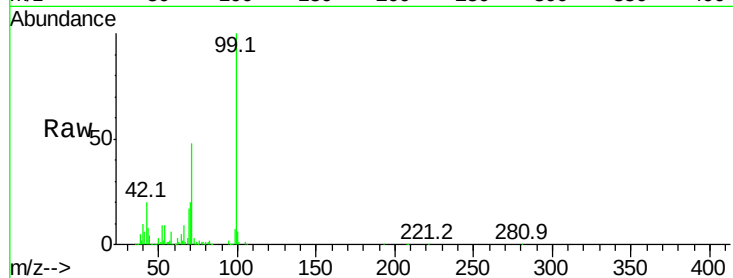
Tot Ion: 99 Resp: 827118

Ion Ratio Lower Upper

99 100

42 20.3 11.0 16.4#

71 48.2 23.4 35.2#



#8

2-Chlorophenol

Concen: 28.19 ng

RT: 7.52 min Scan# 754

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

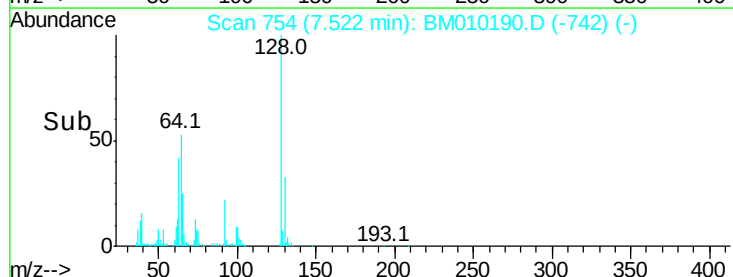
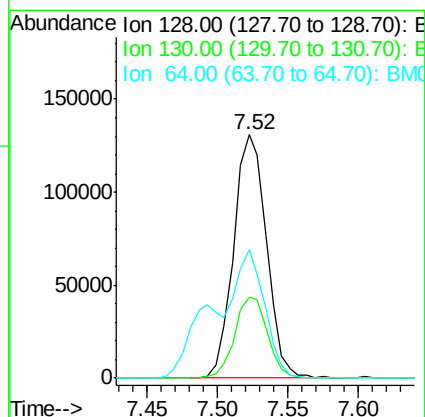
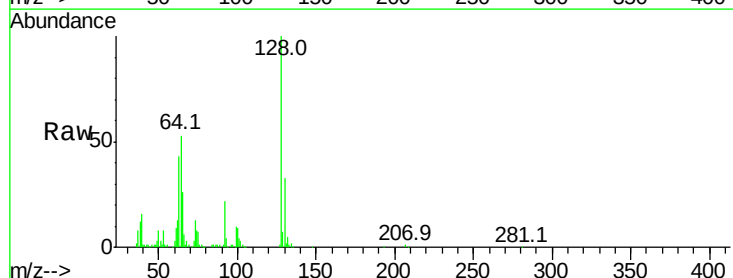
Tgt Ion: 128 Resp: 212015

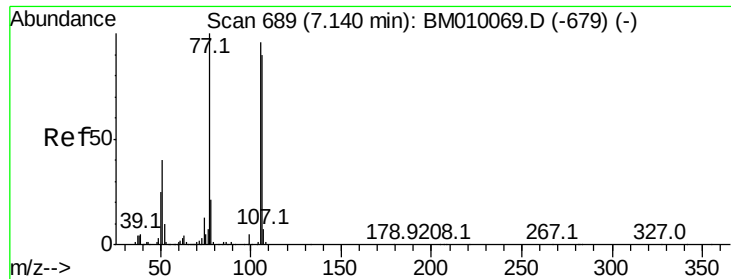
Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

64 53.0 24.9 64.9





#9

Benzaldehyde

Concen: 10.76 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.02 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

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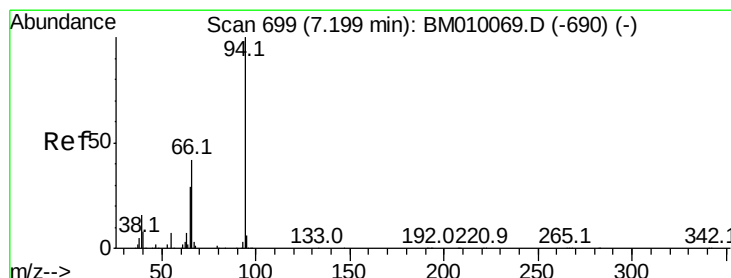
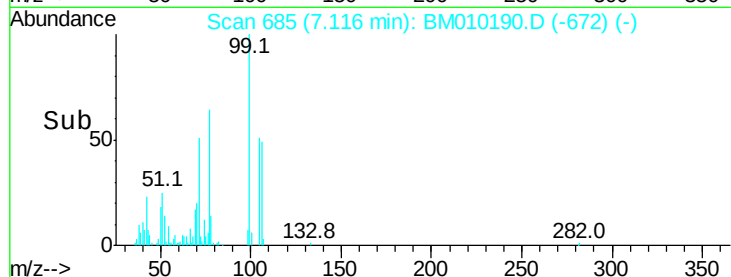
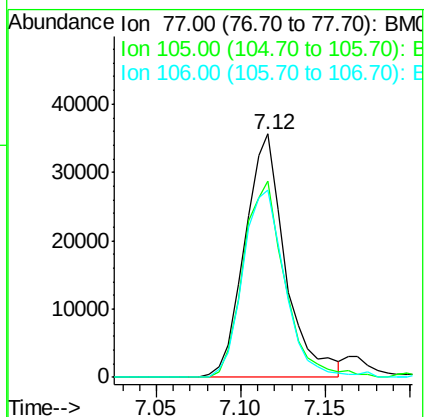
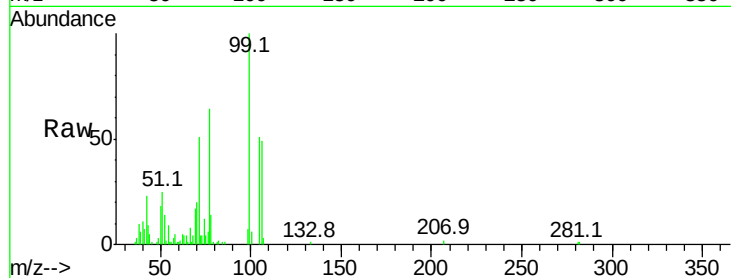
Tot Ion: 77 Resp: 59590

Ion Ratio Lower Upper

77 100

105 80.7 78.8 118.8

106 76.9 73.7 113.7



#10

Phenol

Concen: 30.89 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.04 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

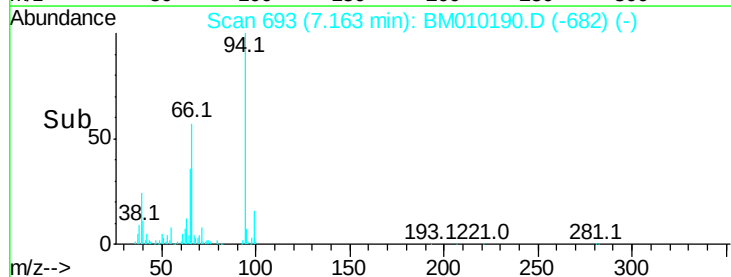
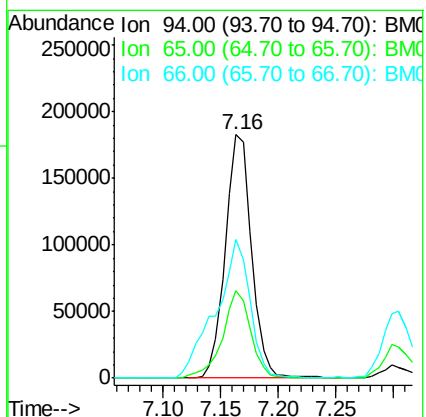
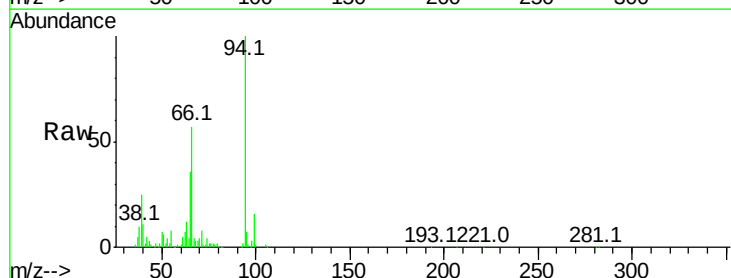
Tgt Ion: 94 Resp: 289546

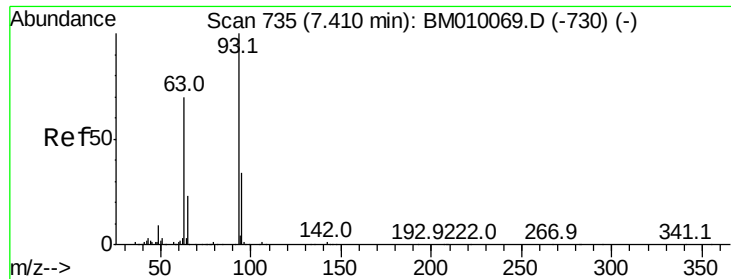
Ion Ratio Lower Upper

94 100

65 35.9 18.8 58.8

66 57.0 39.9 79.9

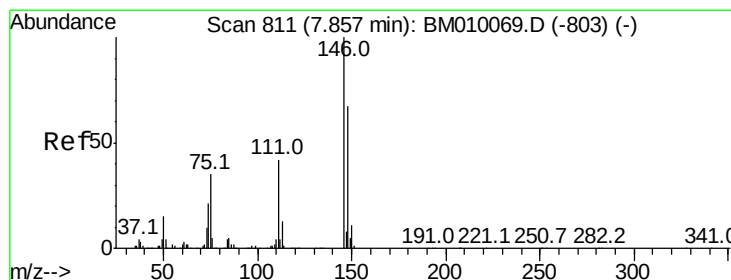
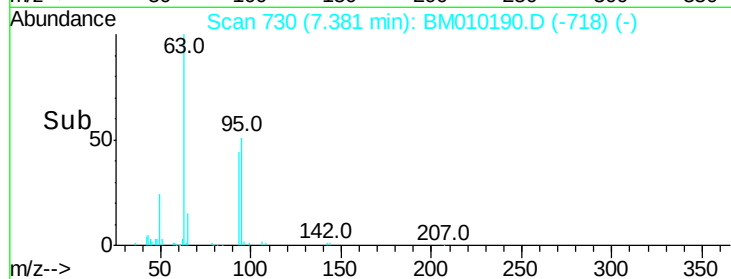
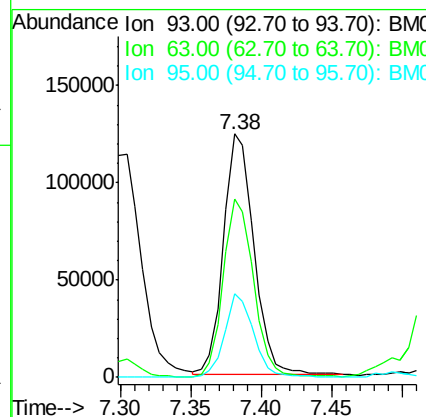
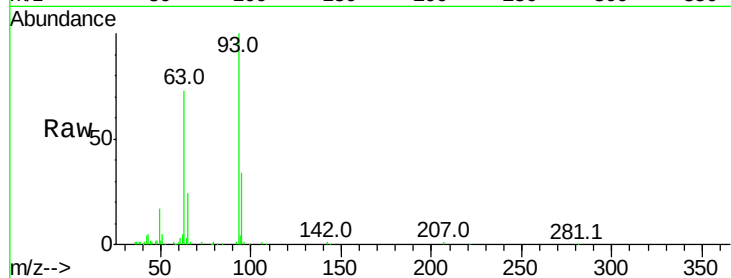




#11
bis(2-Chloroethyl)ether
Concen: 26.63 ng
RT: 7.38 min Scan# 730
Delta R.T. -0.03 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

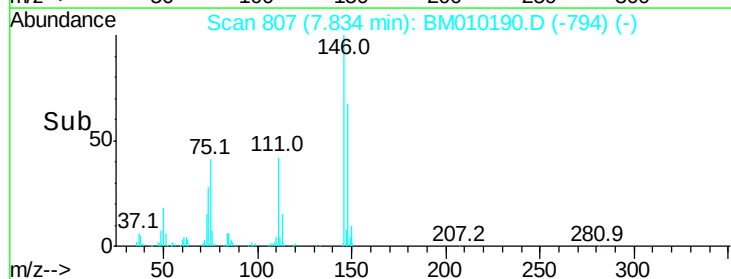
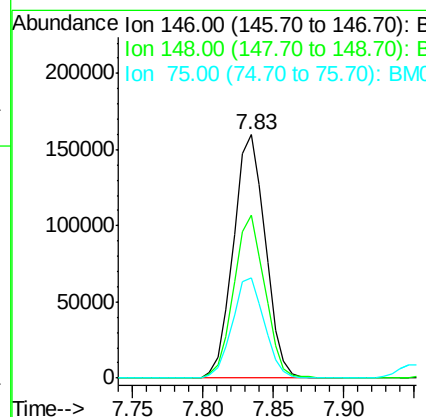
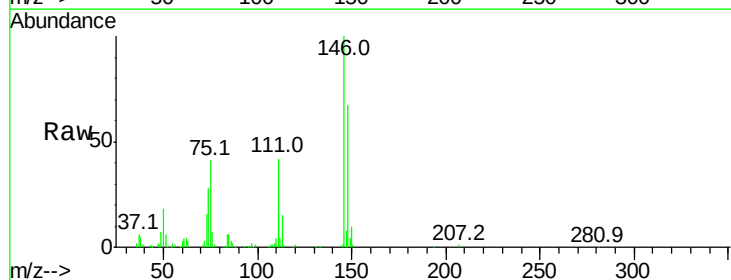
Instrument :
BNA_M
ClientSampleId :
DSK-SB1(5-10)MSD

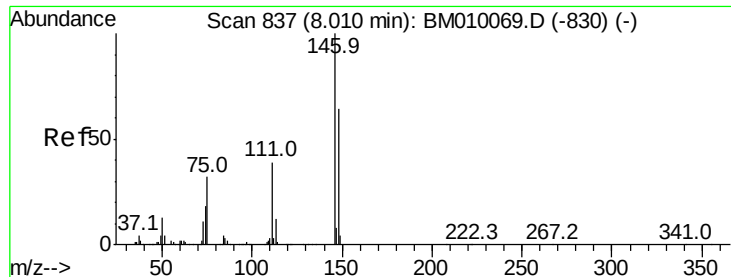
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.0	49.5	89.5
95	34.4	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 26.45 ng
RT: 7.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	50.9	76.3
75	41.2	21.4	32.2

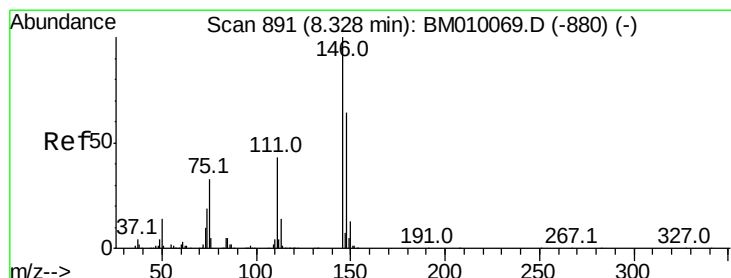
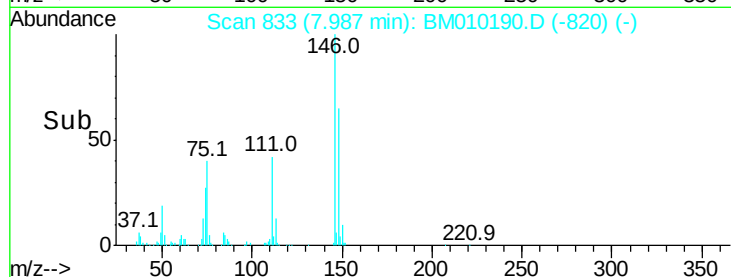
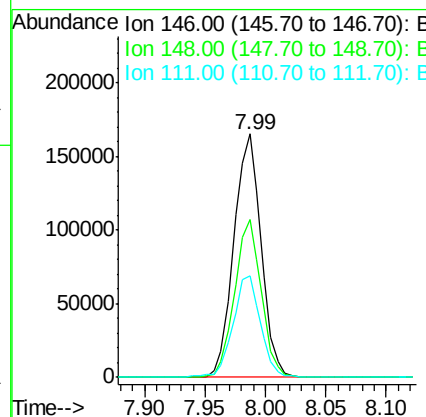
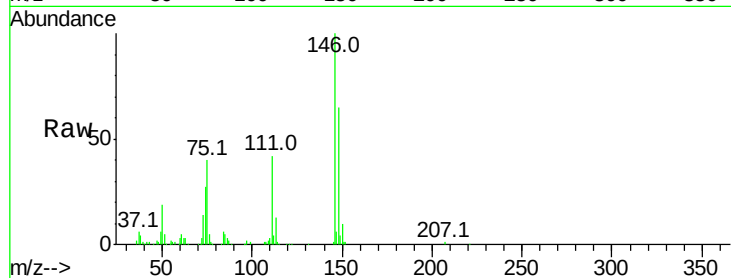




#13
 1,4-Dichlorobenzene
 Concen: 26.47 ng
 RT: 7.99 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BM010190.D
 Acq: 24 May 2017 20:50

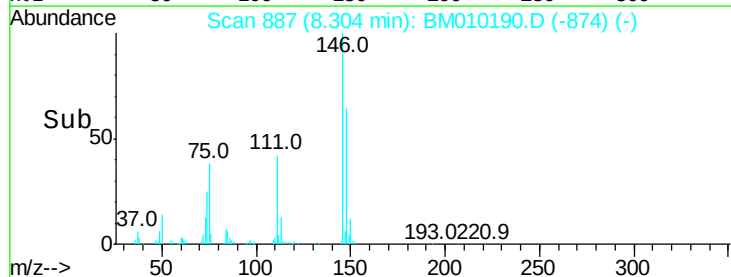
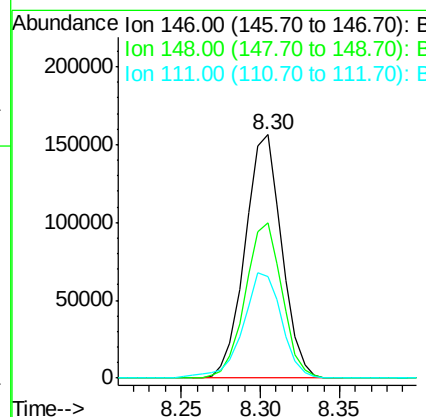
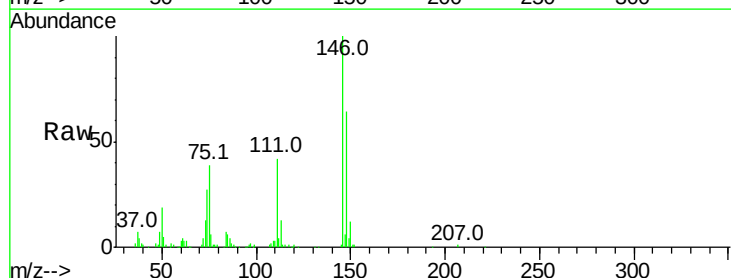
Instrument :
 BNA_M
 ClientSampleId :
 DSK-SB1(5-10)MSD

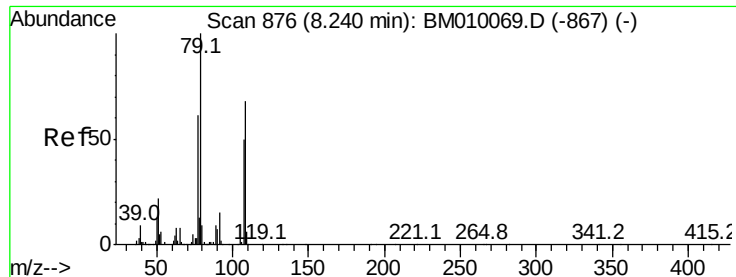
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
111	41.6	29.2	43.8



#14
 1,2-Dichlorobenzene
 Concen: 26.63 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BM010190.D
 Acq: 24 May 2017 20:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.3	78.5
111	41.6	30.6	45.8





#15

Benzyl Alcohol

Concen: 31.12 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

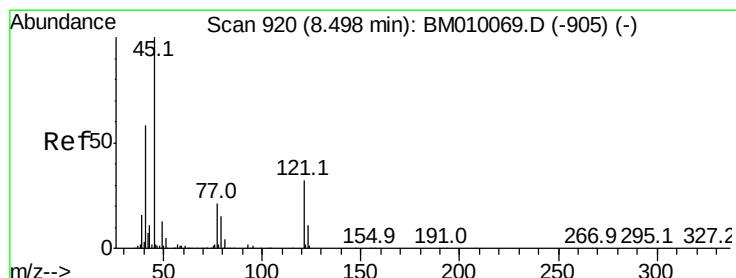
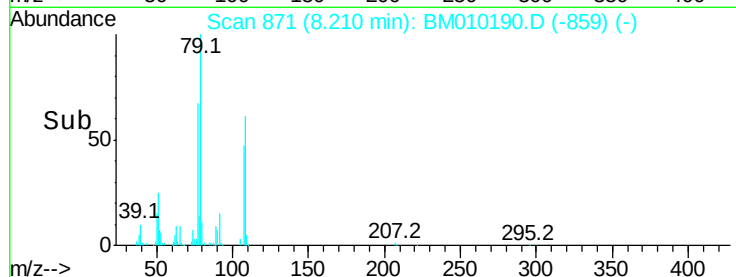
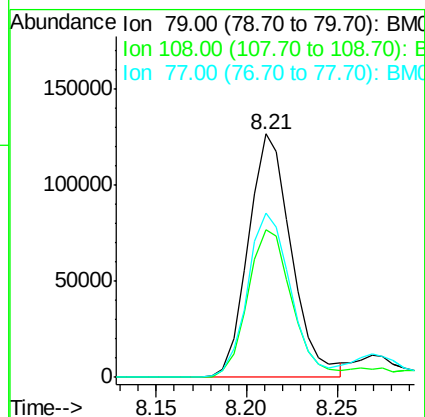
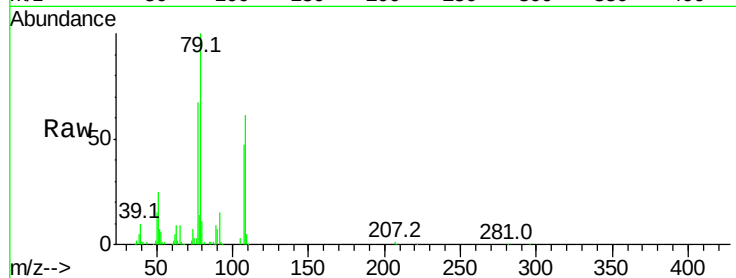
Tot Ion: 79 Resp: 209429

Ion Ratio Lower Upper

79 100

108 60.9 65.0 97.4#

77 67.5 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.03 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

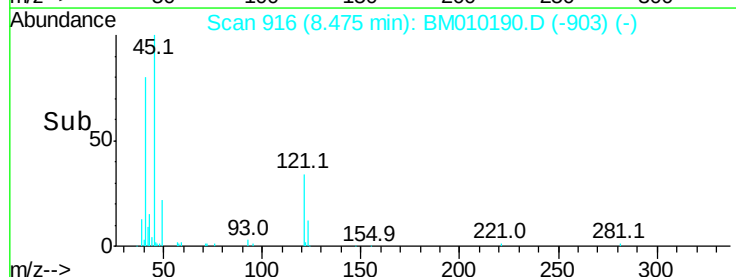
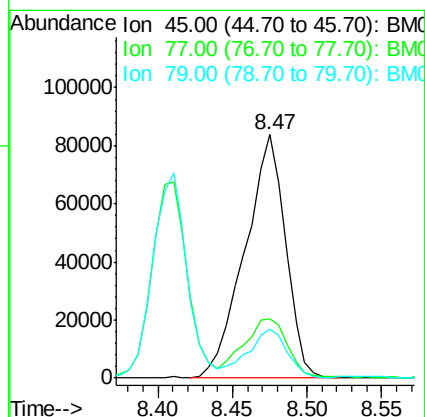
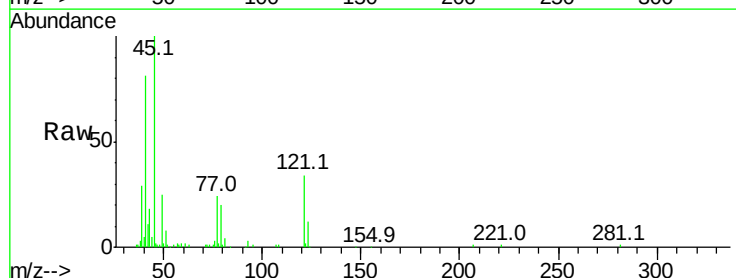
Tgt Ion: 45 Resp: 158181

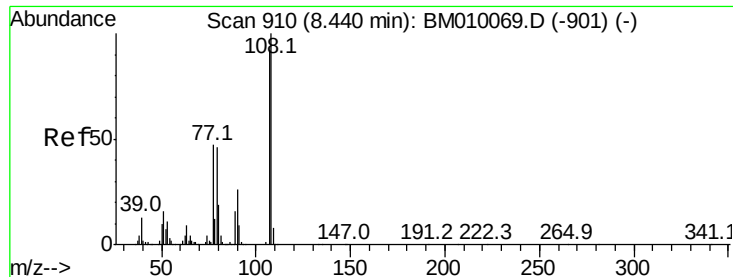
Ion Ratio Lower Upper

45 100

77 24.3 0.0 35.2

79 20.1 0.0 32.0





#17

2-Methylphenol

Concen: 27.85 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

Tot Ion:107 Resp: 185728

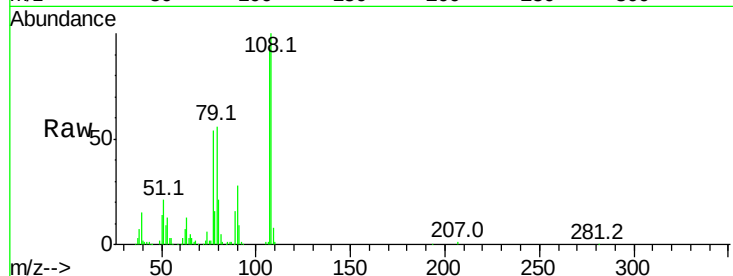
Ion Ratio Lower Upper

107 100

108 106.5 89.8 134.8

77 57.4 32.6 48.8#

79 60.0 32.8 49.2#



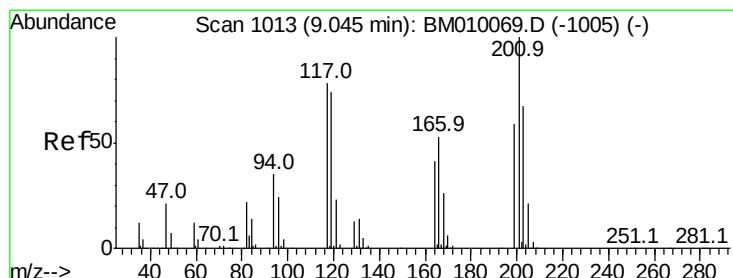
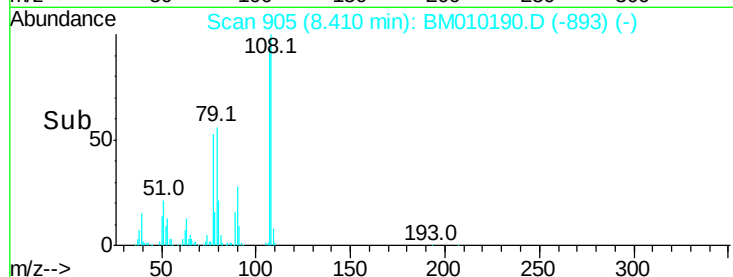
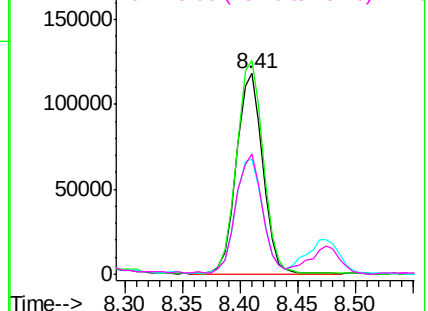
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 26.43 ng

RT: 9.02 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

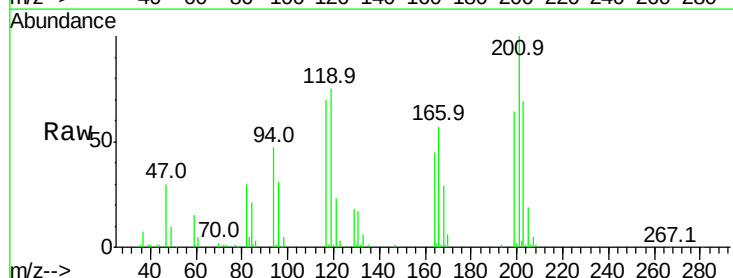
Tgt Ion:117 Resp: 84105

Ion Ratio Lower Upper

117 100

119 106.6 79.2 118.8

201 142.6 69.8 104.6#

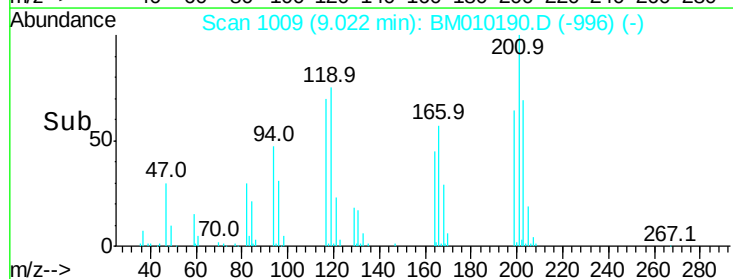
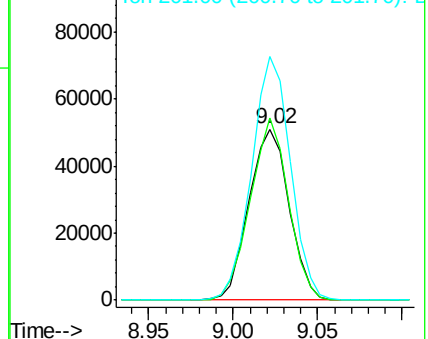


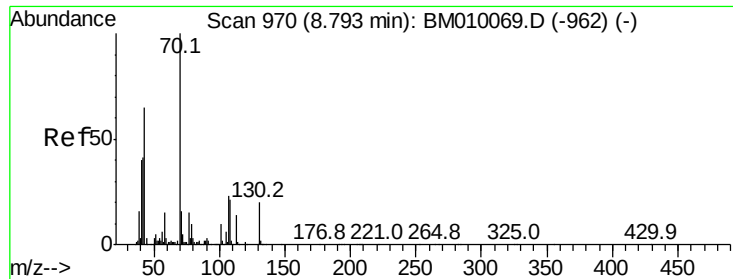
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

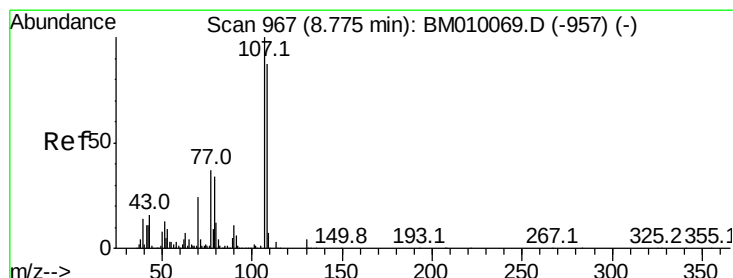
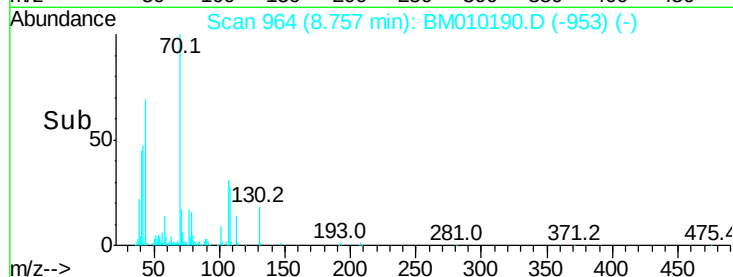
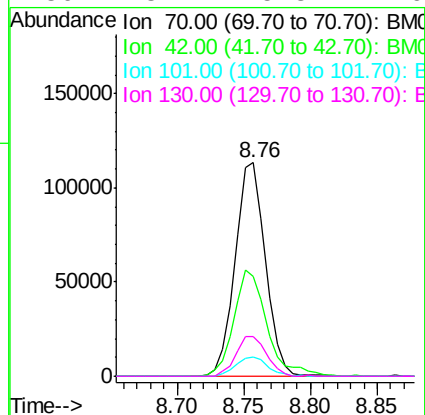
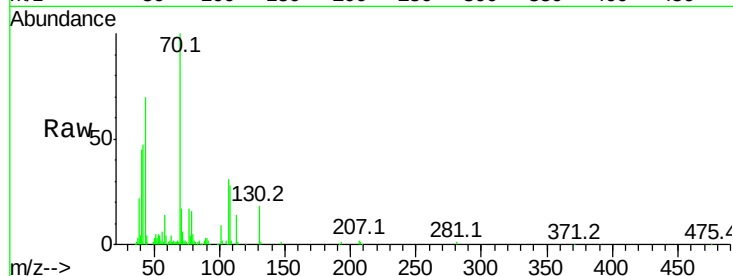




#19
n-Nitroso-di-n-propylamine
Concen: 28.55 ng
RT: 8.76 min Scan# 964
Delta R.T. -0.04 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

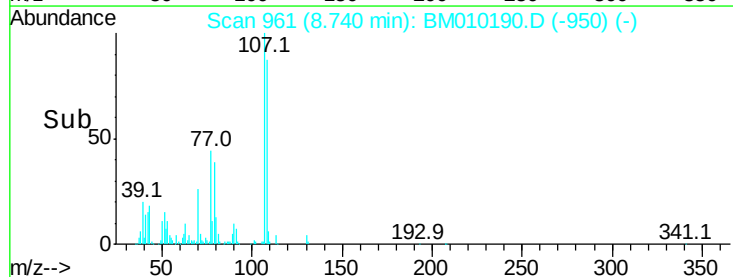
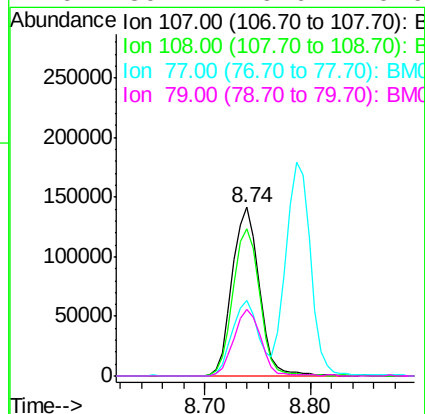
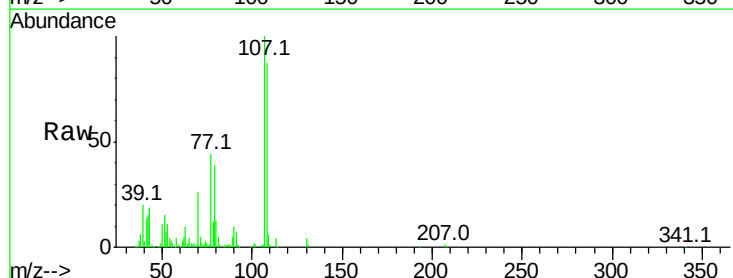
Instrument :
BNA_M
ClientSampleId :
DSK-SB1(5-10)MSD

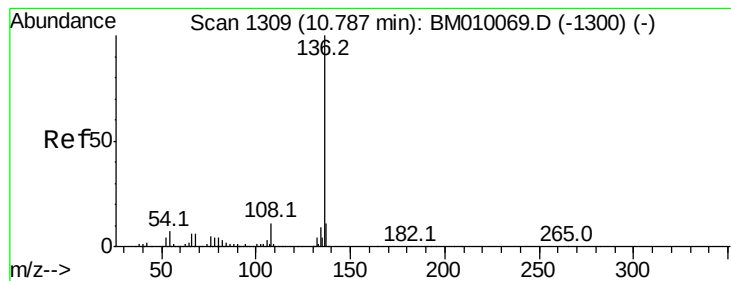
Tot Ion:	70	Resp:	179185
Ion	Ratio	Lower	Upper
70	100		
42	46.6	44.5	66.7
101	8.9	7.4	11.2
130	18.4	15.3	22.9



#20
3+4-Methylphenols
Concen: 27.92 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.04 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

Tgt Ion:	107	Resp:	251469
Ion	Ratio	Lower	Upper
107	100		
108	87.1	73.2	113.2
77	44.5	10.7	50.7
79	39.4	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: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

Tot Ion:136 Resp: 446988

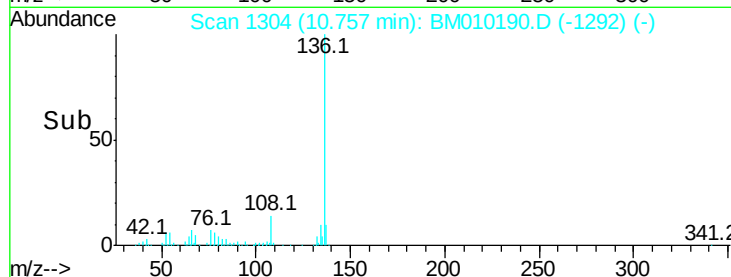
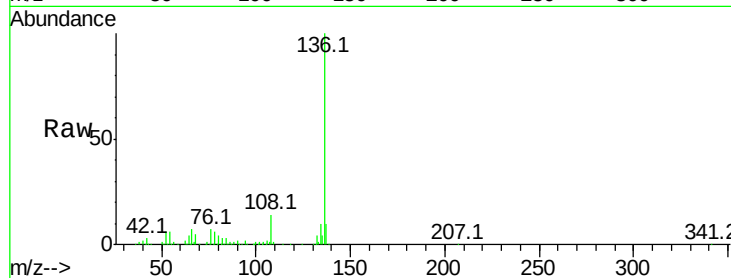
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 6.4 4.6 6.8

68 4.8 3.7 5.5

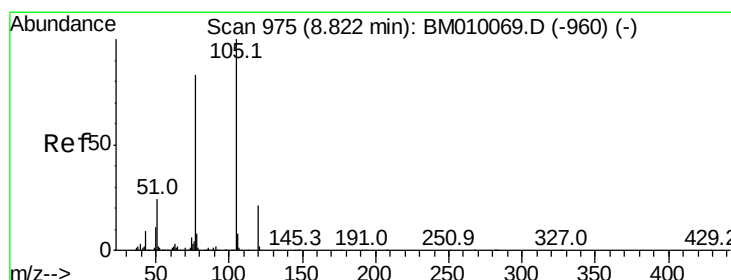
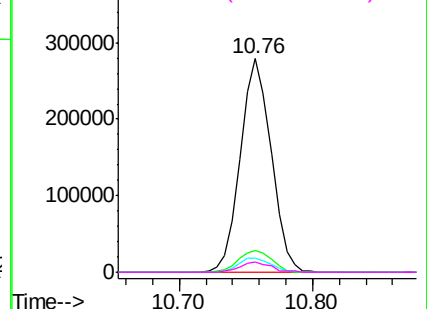


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 28.71 ng

RT: 8.79 min Scan# 969

Delta R.T. -0.04 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Tgt Ion:105 Resp: 329001

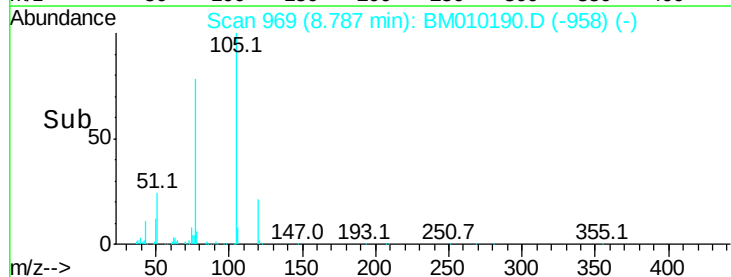
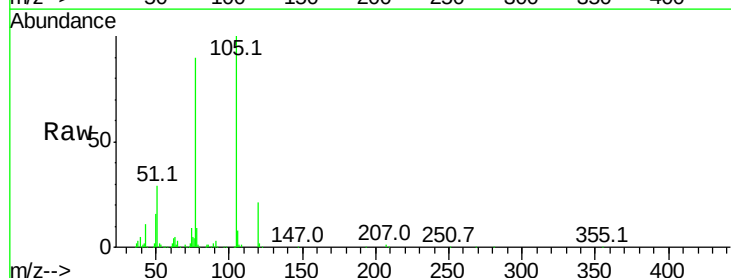
Ion Ratio Lower Upper

105 100

71 0.2 0.6 1.0#

51 28.9 21.6 32.4

120 20.8 16.1 24.1

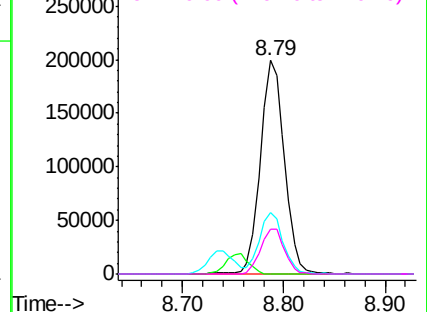


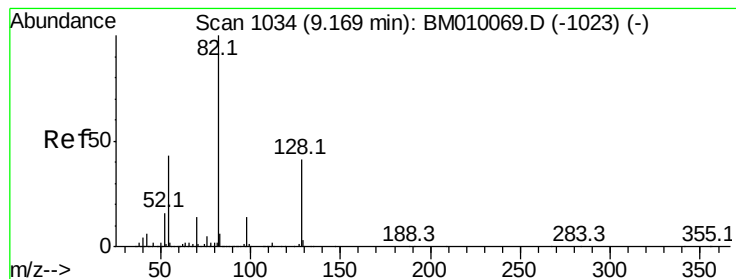
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 66.01 ng

RT: 9.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

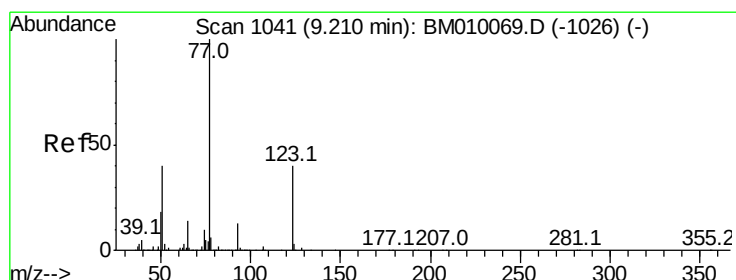
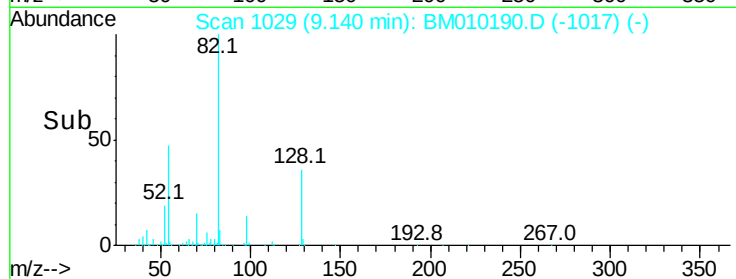
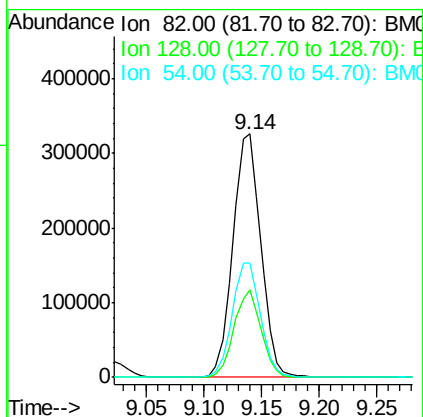
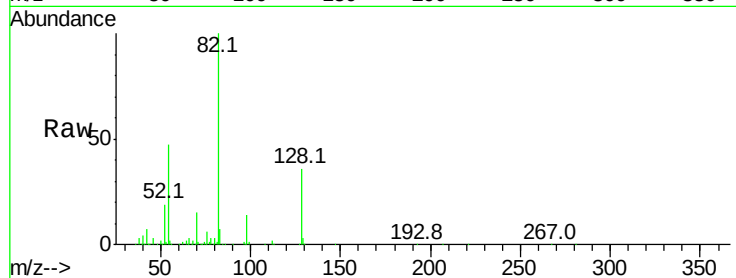
Tot Ion: 82 Resp: 546875

Ion Ratio Lower Upper

82 100

128 35.9 32.8 49.2

54 46.9 40.6 60.8



#24

Nitrobenzene

Concen: 32.78 ng

RT: 9.18 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

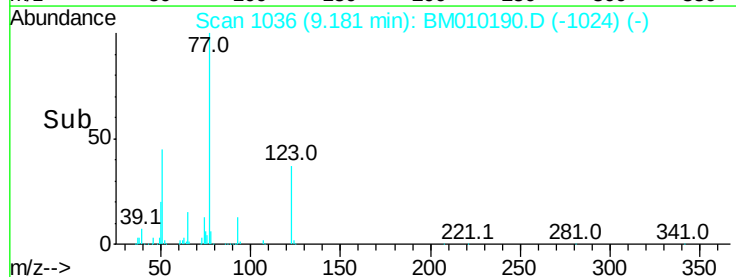
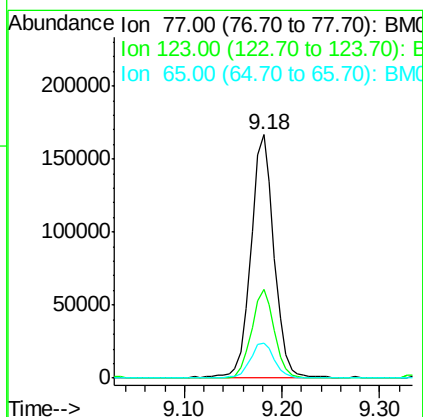
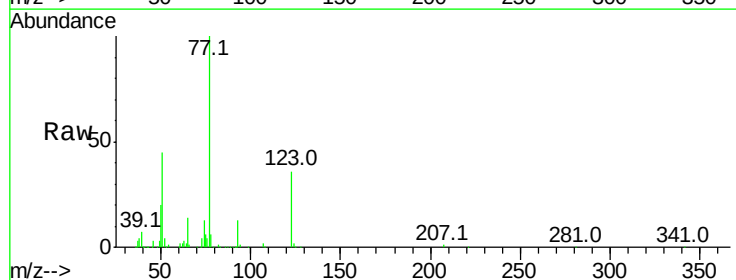
Tgt Ion: 77 Resp: 279822

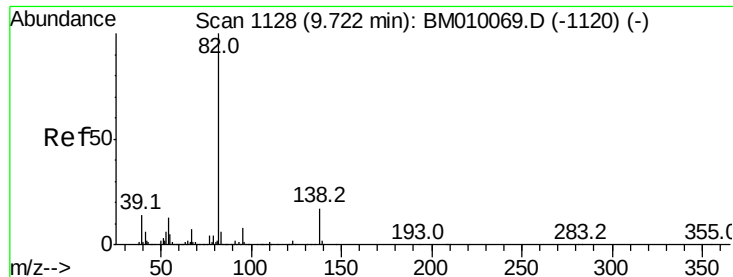
Ion Ratio Lower Upper

77 100

123 36.4 32.6 49.0

65 14.4 10.9 16.3





#25

Isophorone

Concen: 30.63 ng

RT: 9.68 min Scan# 1121

Delta R.T. -0.04 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

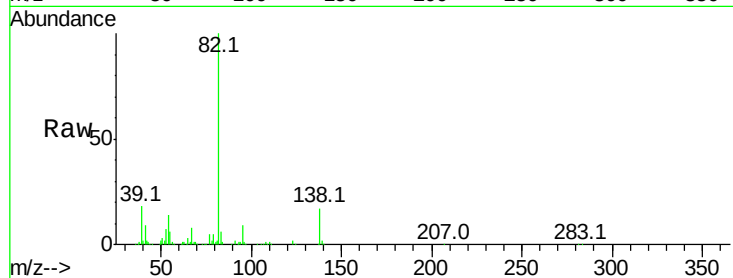
Tot Ion: 82 Resp: 438446

Ion Ratio Lower Upper

82 100

95 9.2 5.8 8.6#

138 17.1 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) (-)

9.68

300000

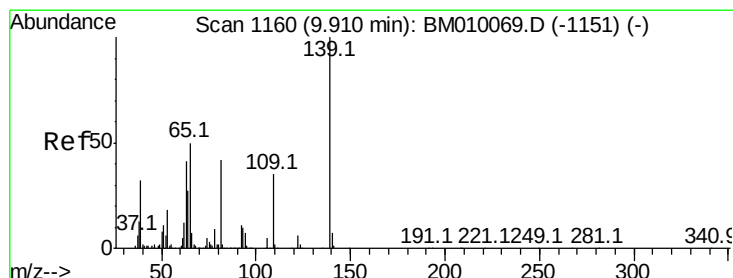
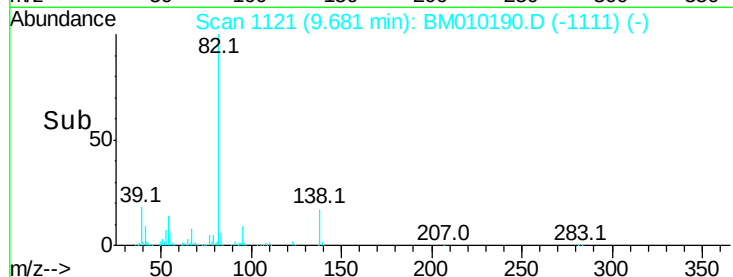
200000

100000

0

9.60 9.70 9.80

Time-->



#26

2-Nitrophenol

Concen: 28.77 ng

RT: 9.88 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

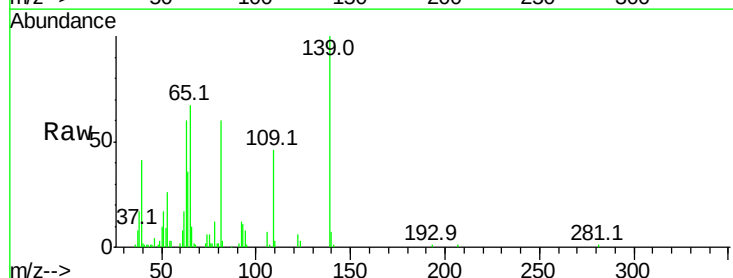
Tgt Ion: 139 Resp: 103502

Ion Ratio Lower Upper

139 100

109 46.3 20.1 30.1#

65 66.9 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) (-)

9.88

80000

60000

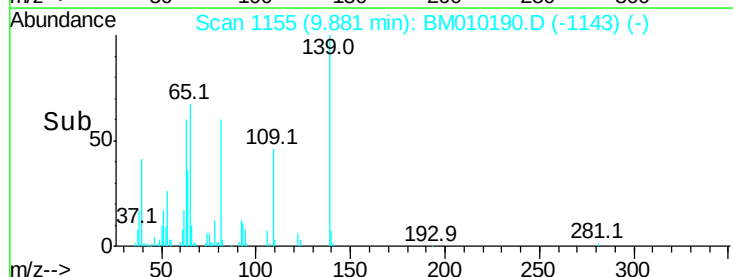
40000

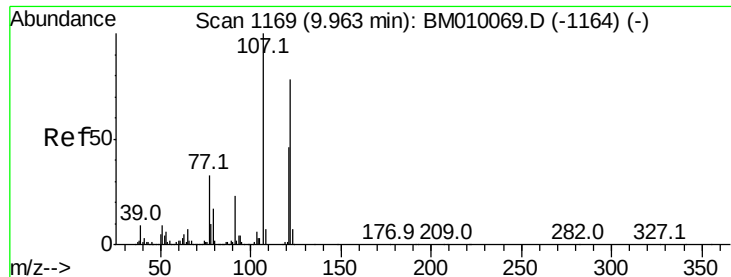
20000

0

9.80 9.85 9.90 9.95

Time-->

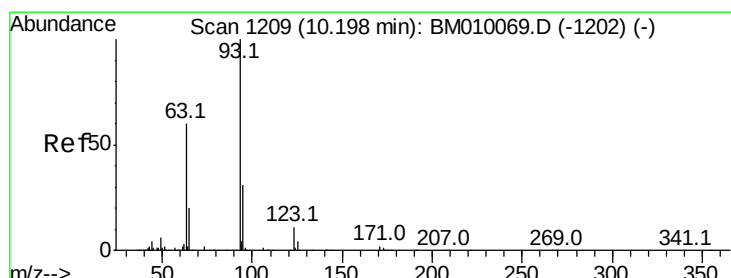
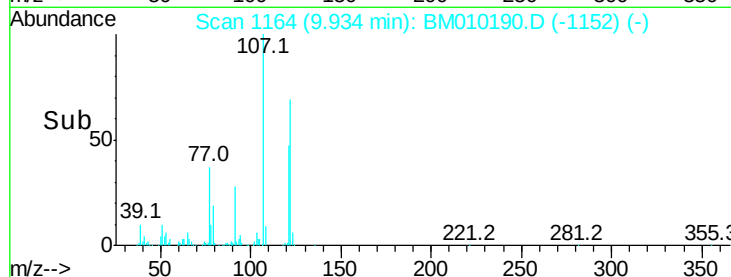
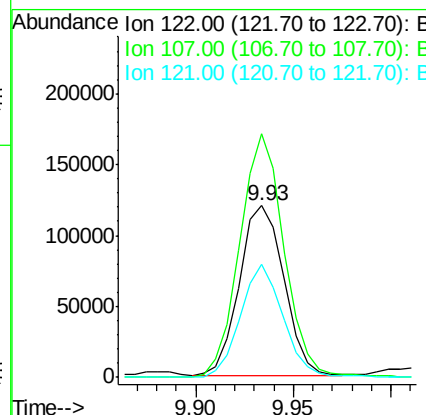
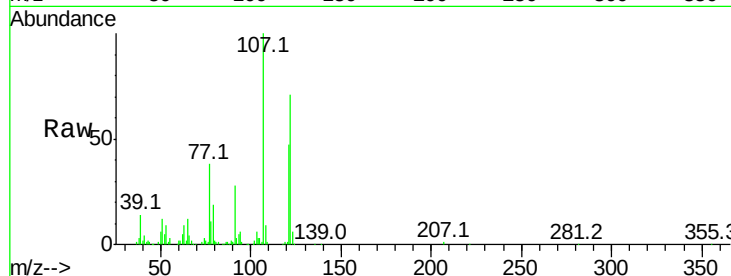




#27
2,4-Dimethylphenol
Concen: 29.42 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

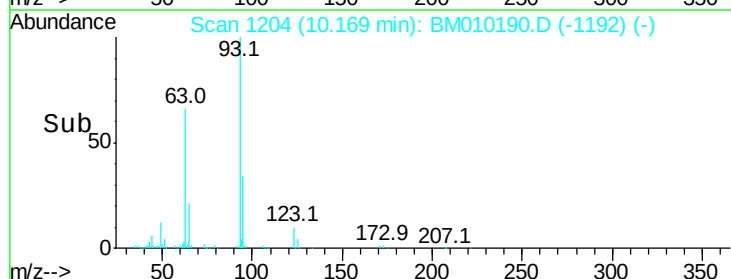
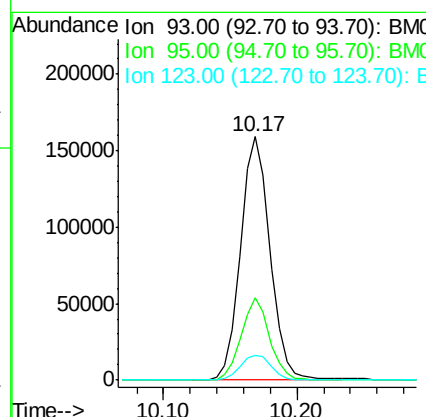
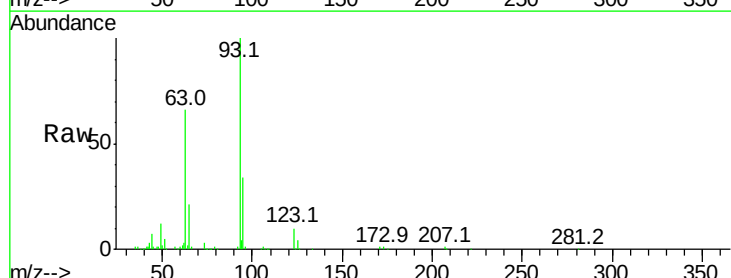
Instrument :
BNA_M
ClientSampleId :
DSK-SB1(5-10)MSD

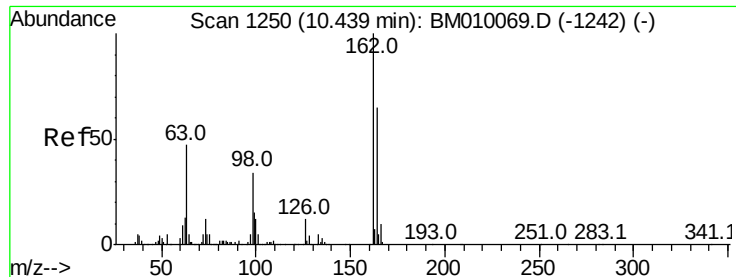
Tot Ion	Ratio	Lower	Upper
122	100		
107	141.8	84.7	127.1#
121	66.0	46.6	69.8



#28
bis(2-Chloroethoxy)methane
Concen: 26.69 ng
RT: 10.17 min Scan# 1204
Delta R.T. -0.03 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.5	38.3
123	10.3	8.6	13.0

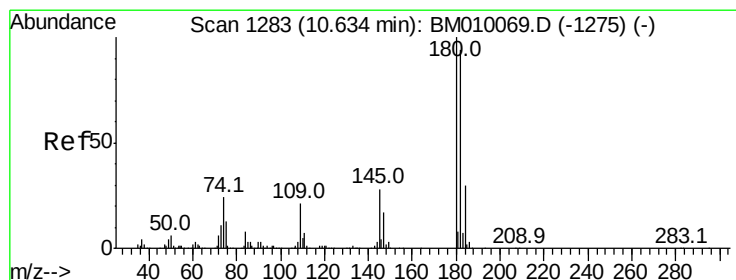
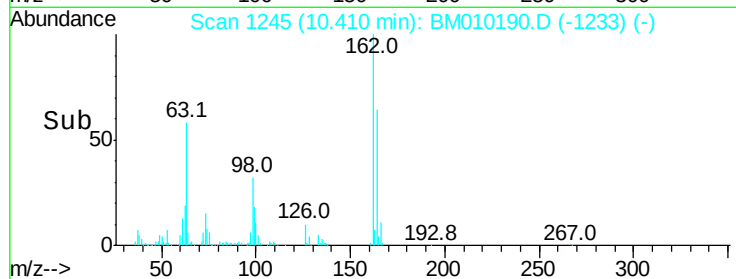
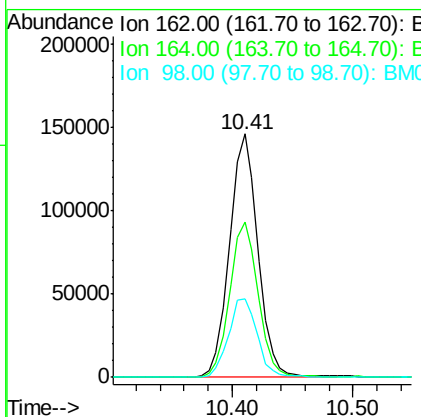
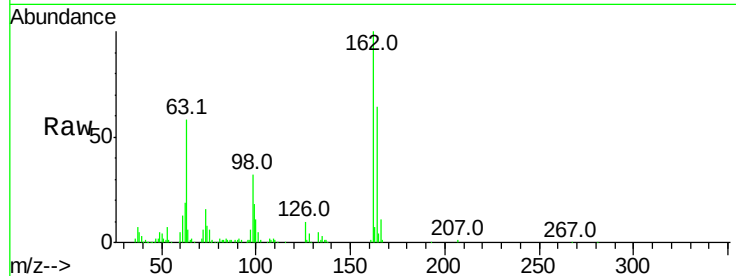




#29
 2,4-Dichlorophenol
 Concen: 32.05 ng
 RT: 10.41 min Scan# 1245
 Delta R.T. -0.03 min
 Lab File: BM010190.D
 Acq: 24 May 2017 20:50

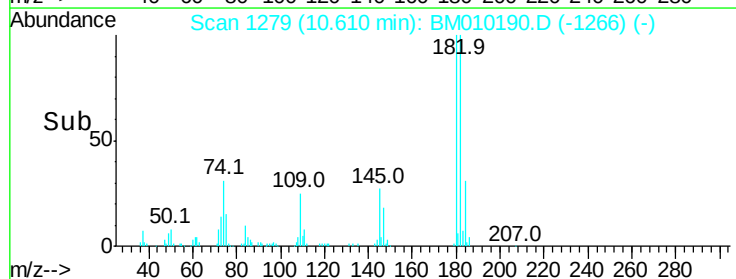
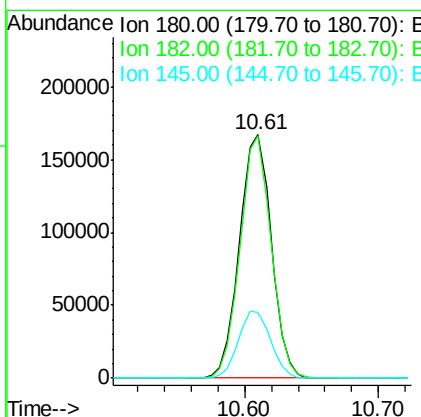
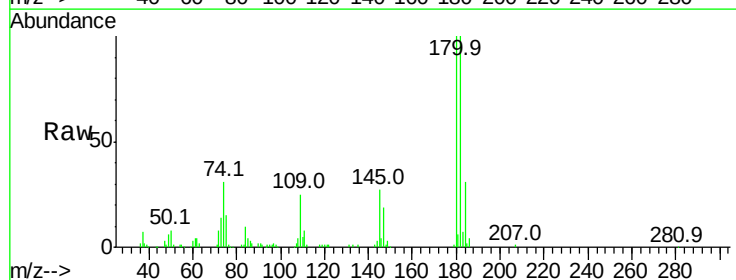
Instrument :
 BNA_M
 ClientSampleId :
 DSK-SB1(5-10)MSD

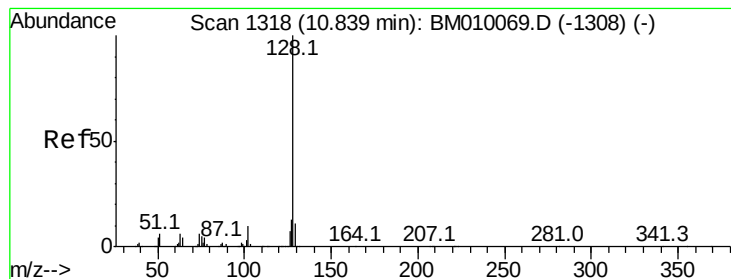
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.8	82.8
98	32.1	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 28.58 ng
 RT: 10.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BM010190.D
 Acq: 24 May 2017 20:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	77.6	116.4
145	27.0	23.4	35.2





#31

Naphthalene

Concen: 25.96 ng

RT: 10.81 min Scan# 1313

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

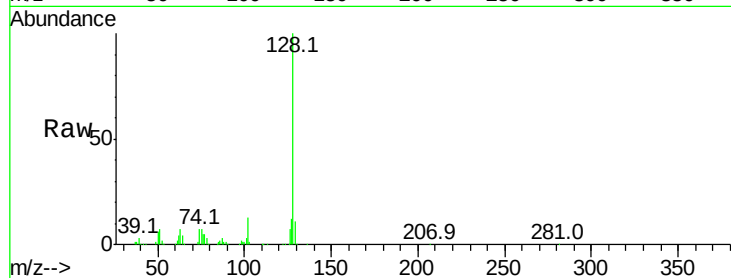
Tot Ion:128 Resp: 620653

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

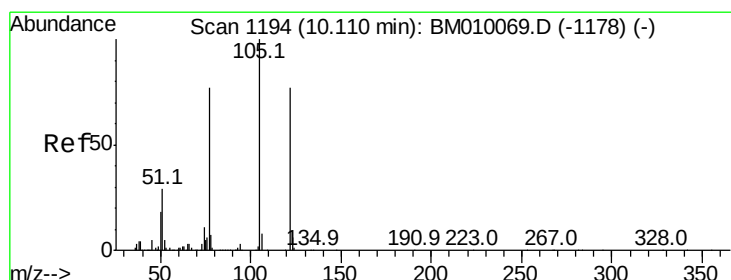
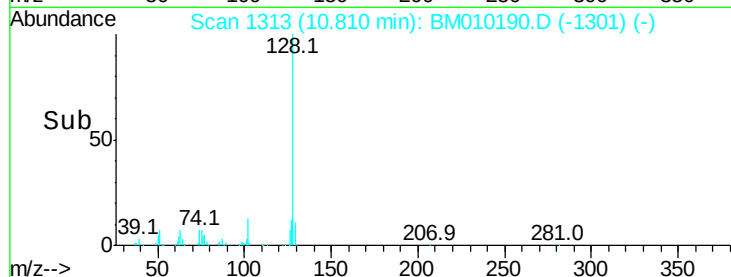
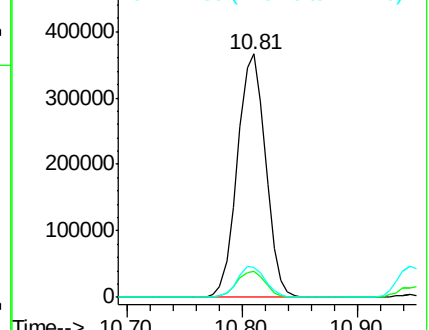
127 12.4 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.61 ng

RT: 10.01 min Scan# 1177

Delta R.T. -0.10 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

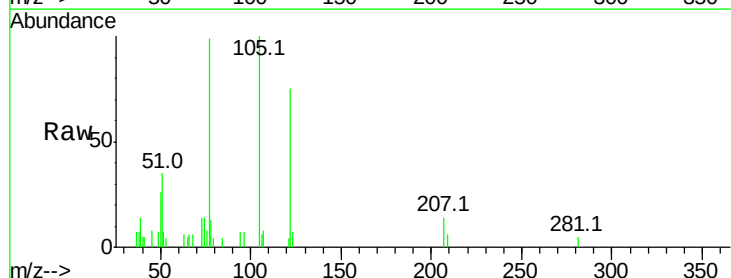
Tgt Ion:122 Resp: 11541

Ion Ratio Lower Upper

122 100

105 132.9 99.9 139.9

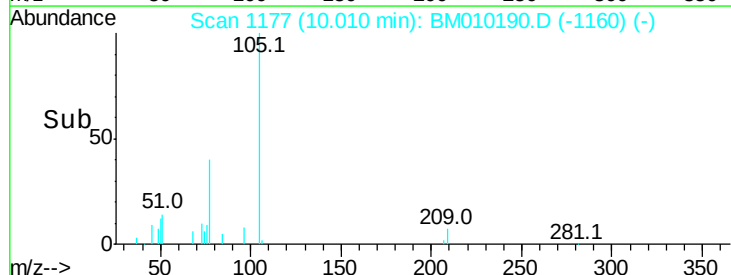
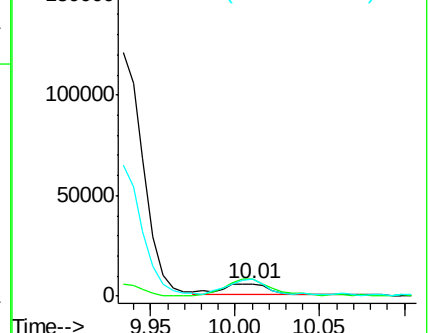
77 131.3 73.7 113.7#

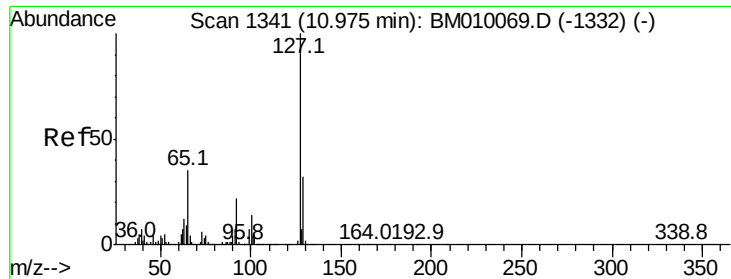


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

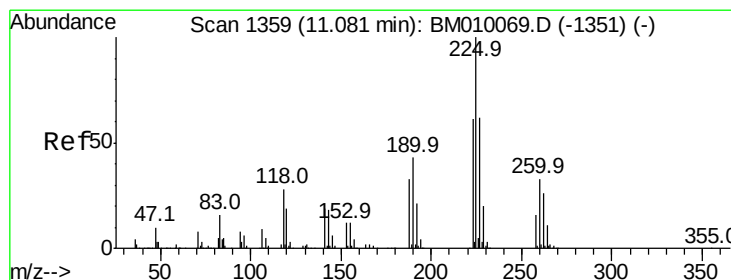
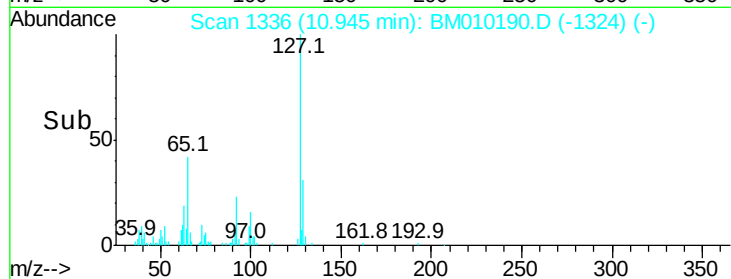
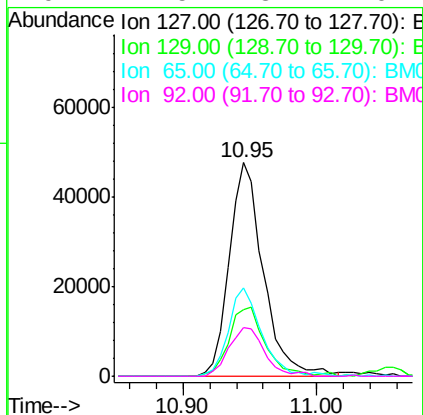
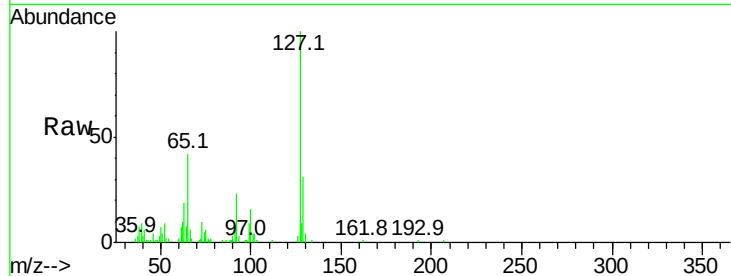




#33
4-Chloroaniline
Concen: 9.23 ng
RT: 10.95 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

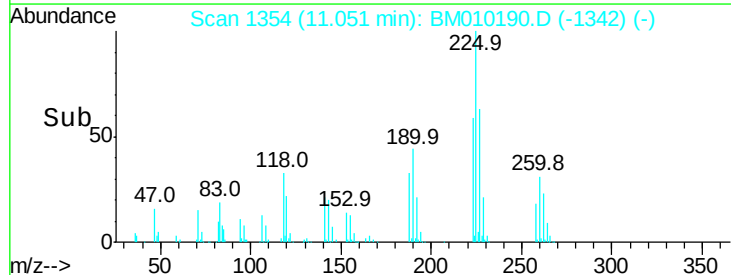
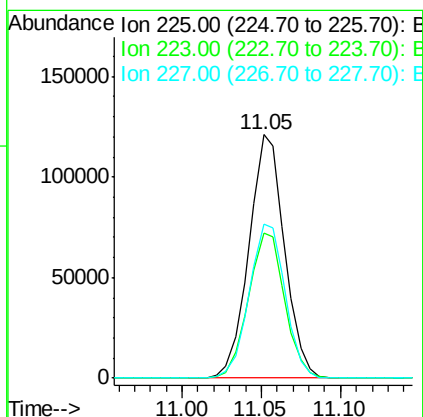
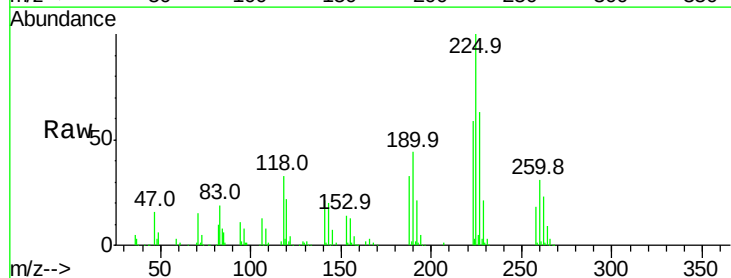
Instrument :
BNA_M
ClientSampleId :
DSK-SB1(5-10)MSD

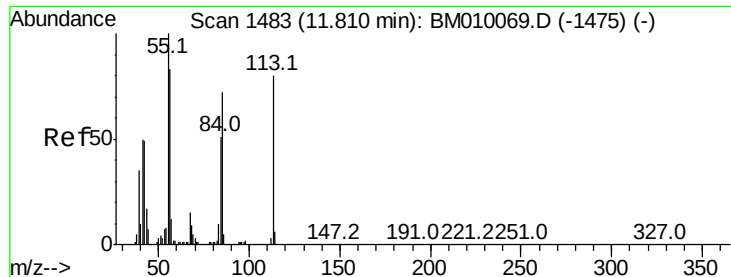
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.3	37.9
65	41.7	17.6	26.4
92	22.5	13.1	19.7



#34
Hexachlorobutadiene
Concen: 29.18 ng
RT: 11.05 min Scan# 1354
Delta R.T. -0.03 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.5	47.9	71.9
227	63.3	50.1	75.1





#35

Caprolactam

Concen: 26.58 ng

RT: 11.75 min Scan# 1473

Delta R.T. -0.06 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

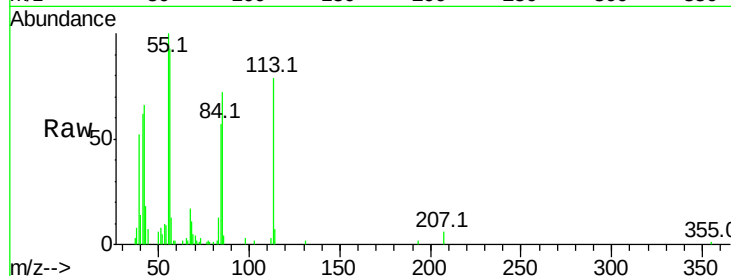
Tot Ion:113 Resp: 57033

Ion Ratio Lower Upper

113 100

55 126.1 145.9 185.9#

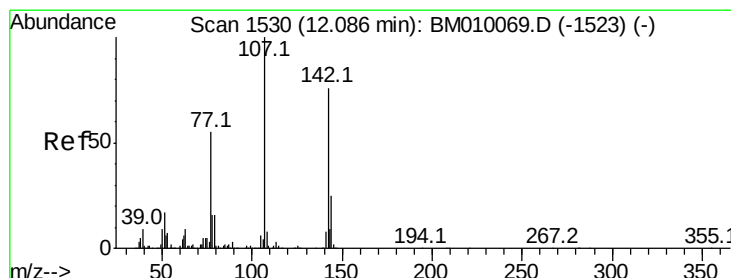
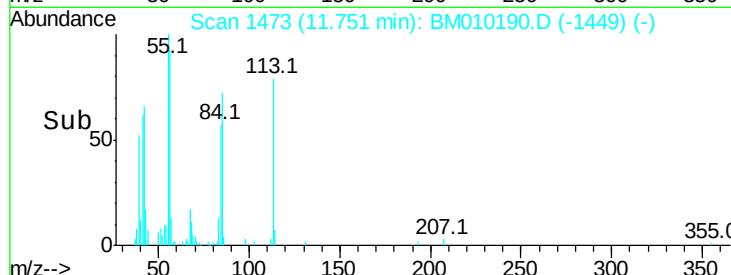
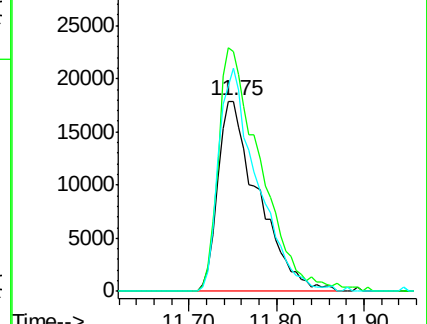
56 117.1 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 29.51 ng

RT: 12.06 min Scan# 1525

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

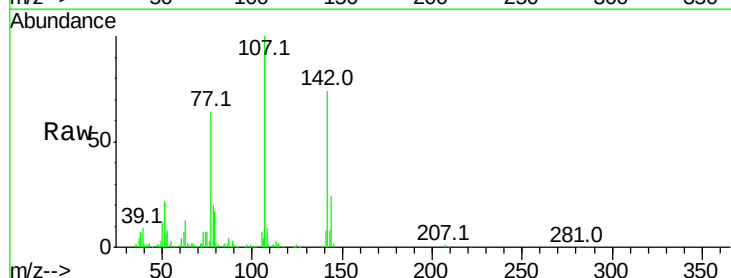
Tgt Ion:107 Resp: 239040

Ion Ratio Lower Upper

107 100

144 24.1 23.3 34.9

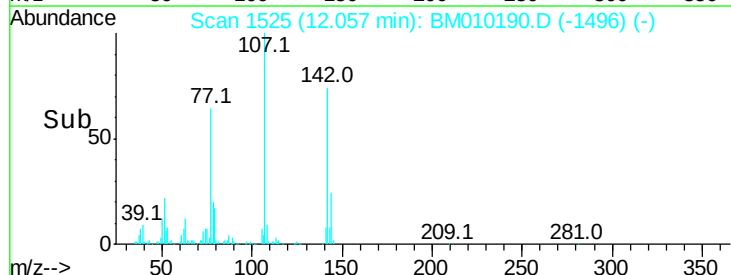
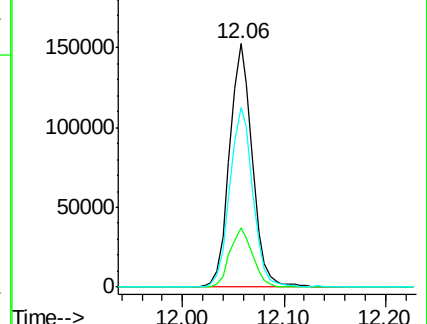
142 74.0 72.6 109.0

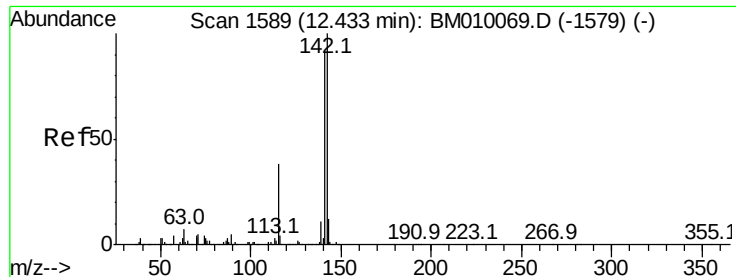


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

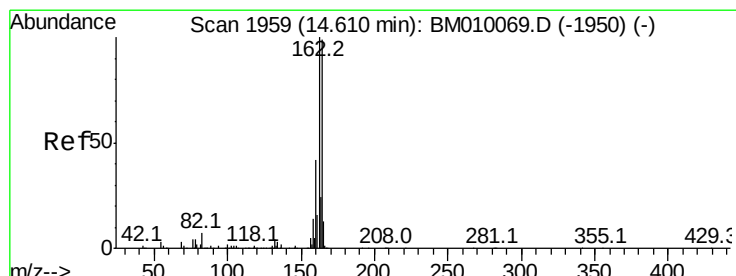
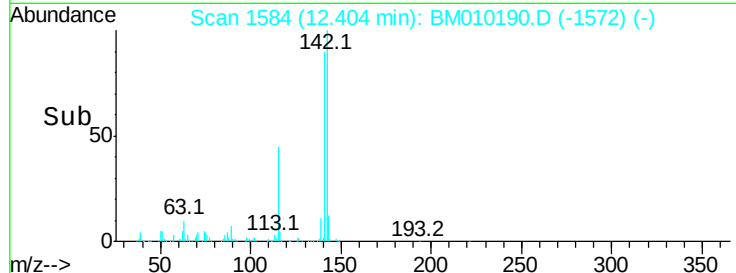
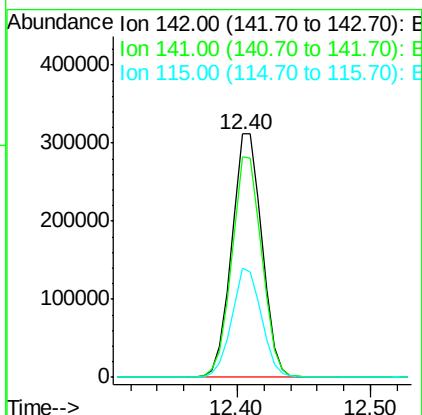
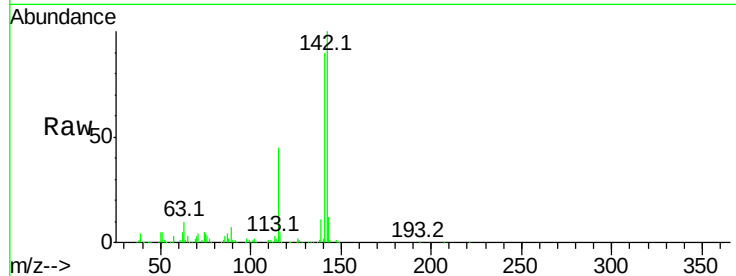




#37
2-Methylnaphthalene
Concen: 28.55 ng
RT: 12.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

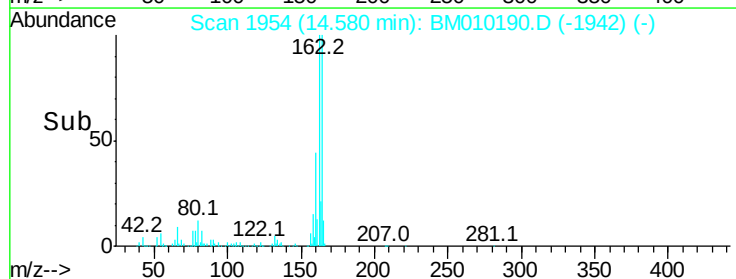
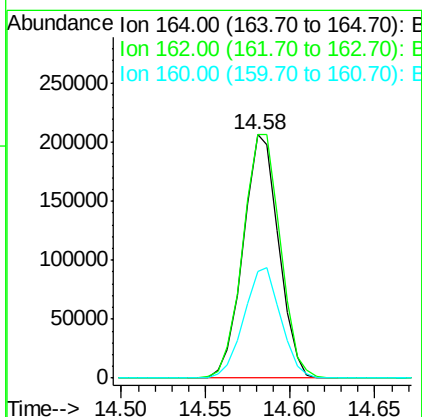
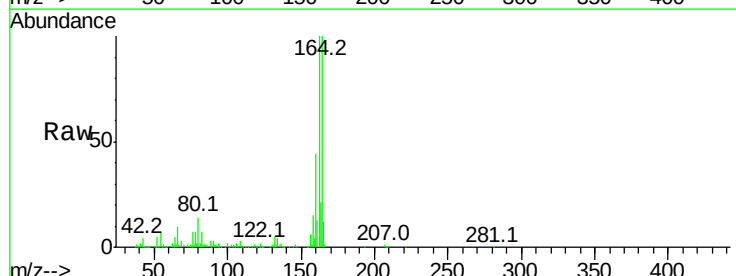
Instrument :
BNA_M
ClientSampleId :
DSK-SB1(5-10)MSD

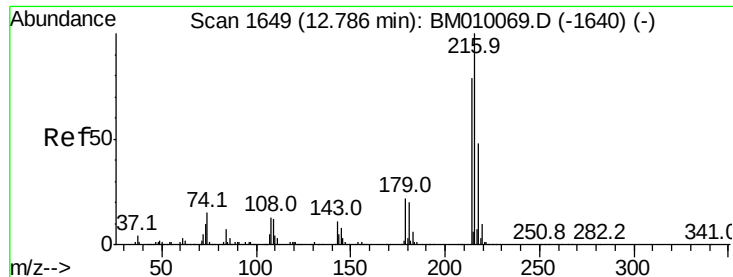
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9
115	44.9	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.4	123.6
160	43.8	35.8	53.6

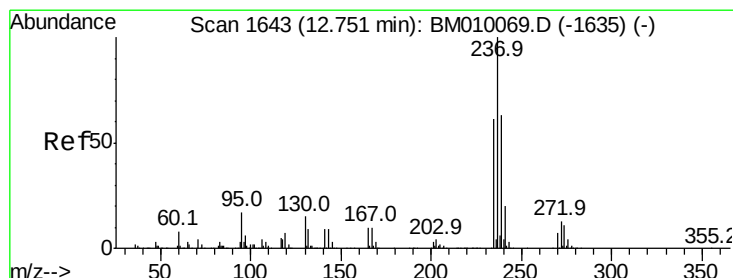
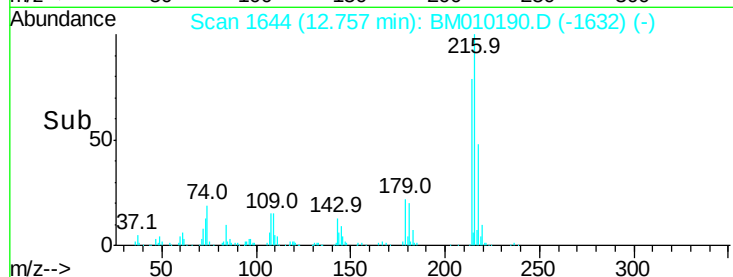
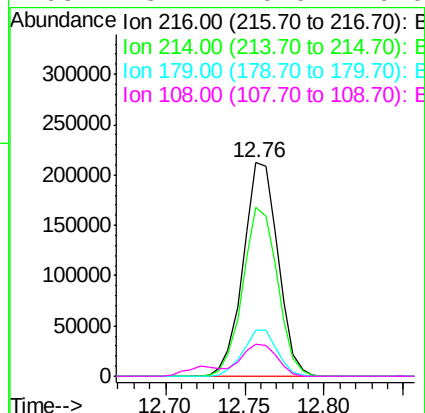
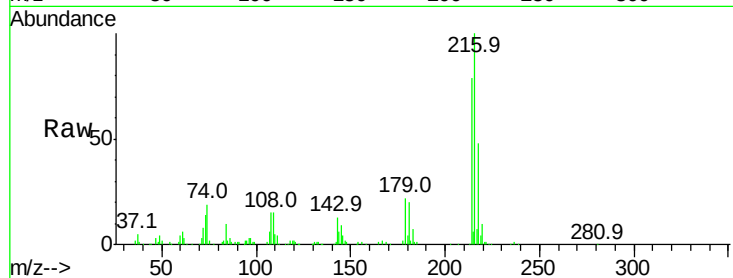




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.81 ng
 RT: 12.76 min Scan# 1644
 Delta R.T. -0.03 min
 Lab File: BM010190.D
 Acq: 24 May 2017 20:50

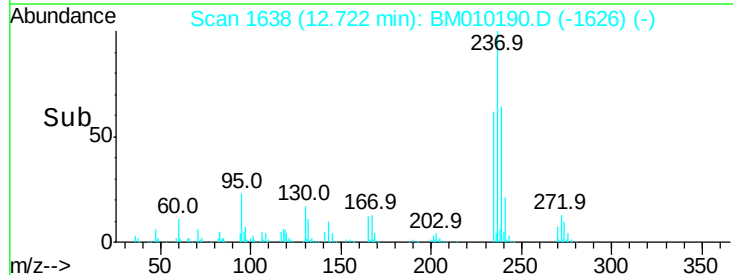
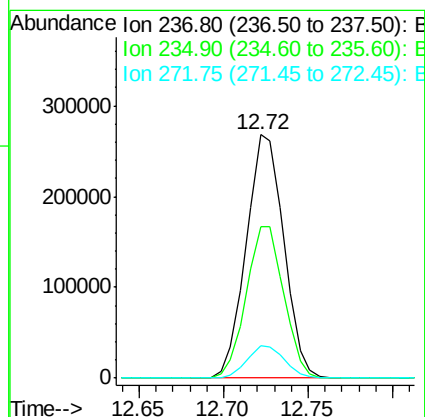
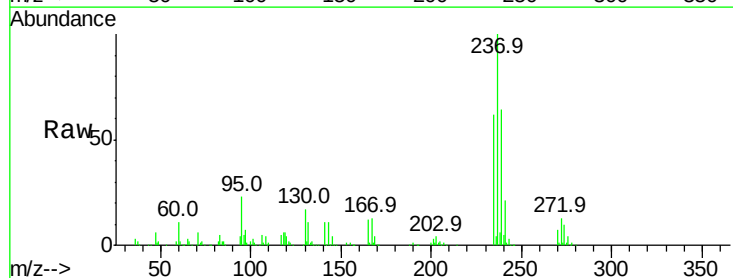
Instrument :
 BNA_M
 ClientSampleId :
 DSK-SB1(5-10)MSD

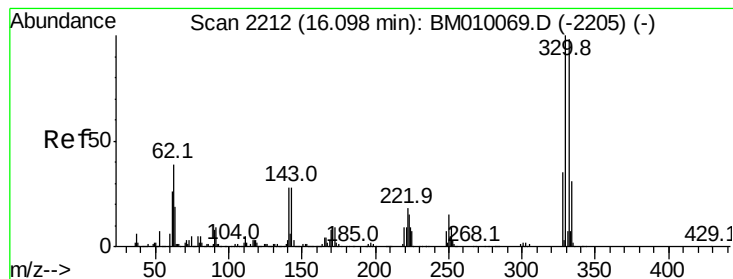
Tot Ion:	216	Resp:	323214
Ion	Ratio	Lower	Upper
216	100		
214	78.8	0.0	0.0#
179	21.3	0.0	0.0#
108	15.1	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 61.88 ng
 RT: 12.72 min Scan# 1638
 Delta R.T. -0.03 min
 Lab File: BM010190.D
 Acq: 24 May 2017 20:50

Tgt Ion:	237	Resp:	415224
Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.0	82.0
272	13.3	0.0	33.4

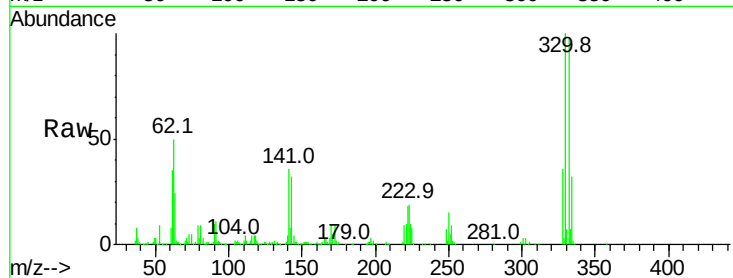




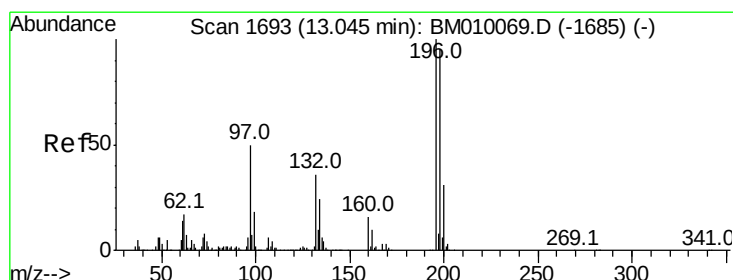
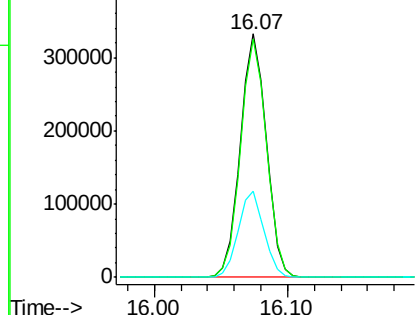
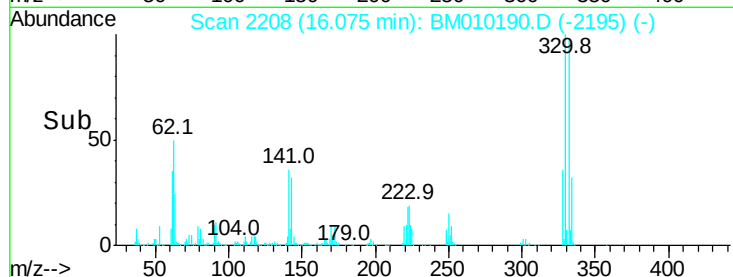
#41
 2,4,6-Tribromophenol
 Concen: 97.86 ng
 RT: 16.07 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BM010190.D
 Acq: 24 May 2017 20:50

Instrument :
 BNA_M
 ClientSampleId :
 DSK-SB1(5-10)MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	35.0	0.0	0.0#

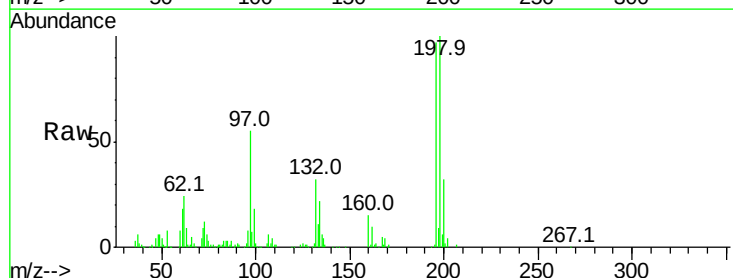


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

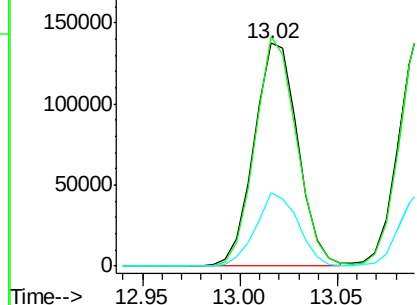
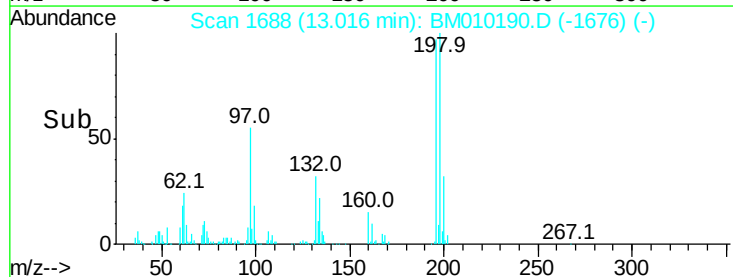


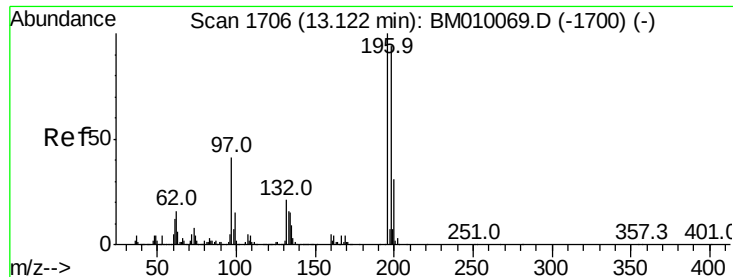
#42
 2,4,6-Trichlorophenol
 Concen: 31.16 ng
 RT: 13.02 min Scan# 1688
 Delta R.T. -0.03 min
 Lab File: BM010190.D
 Acq: 24 May 2017 20:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.7	76.3	114.5
200	32.9	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

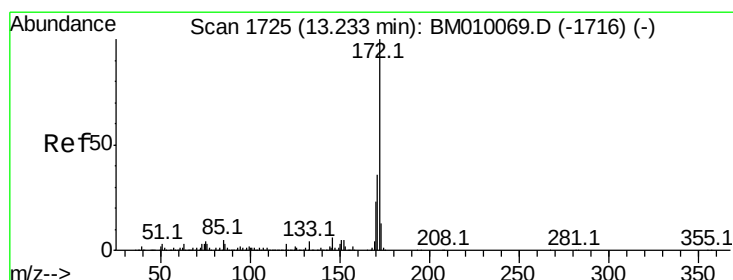
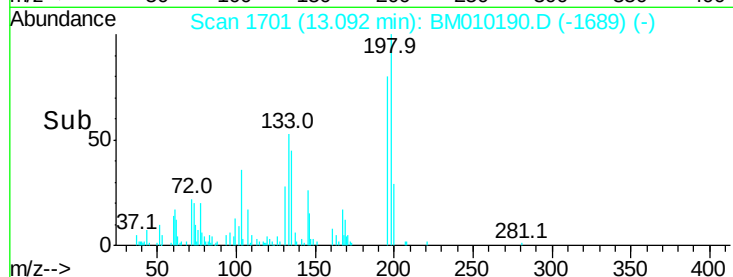
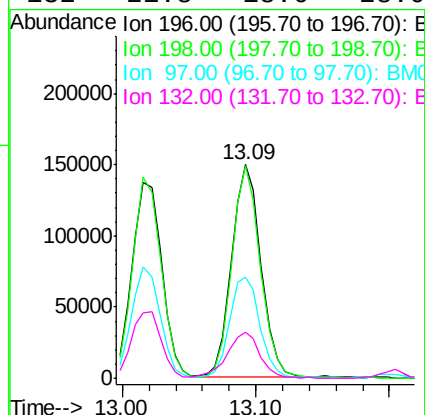
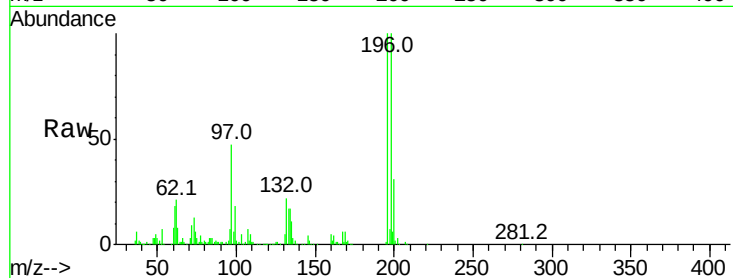




#43
2,4,5-Trichlorophenol
Concen: 30.21 ng
RT: 13.09 min Scan# 1701
Delta R.T. -0.03 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

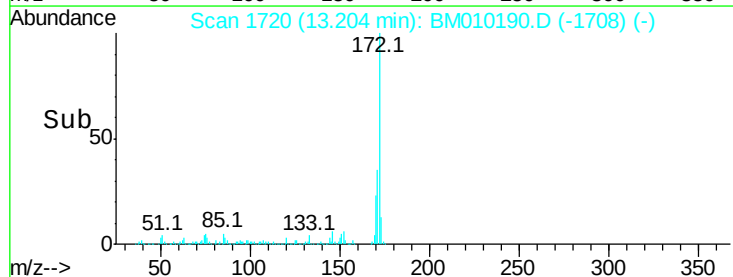
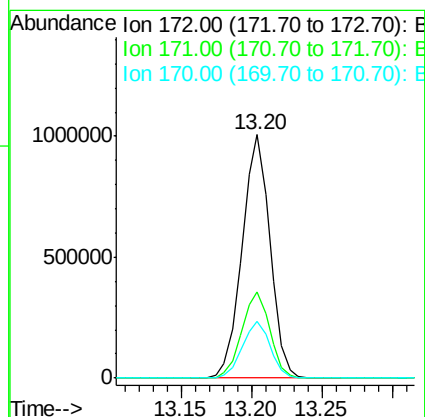
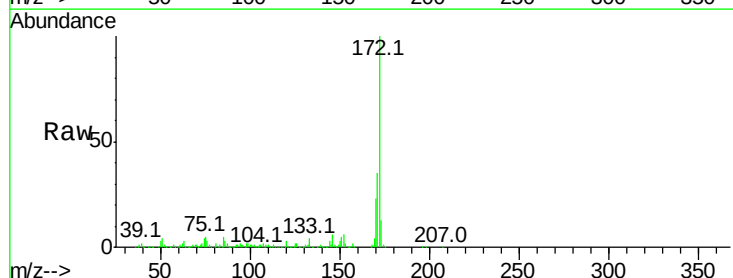
Instrument :
BNA_M
ClientSampleId :
DSK-SB1(5-10)MSD

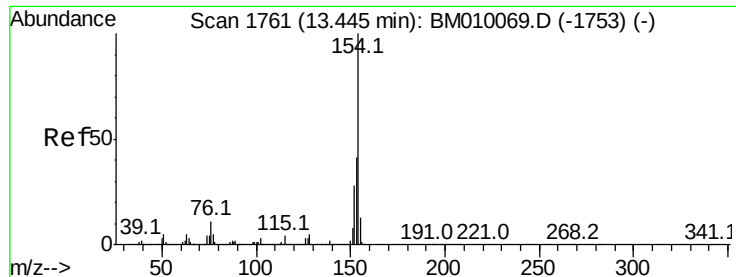
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.7	79.4	119.0
97	47.3	26.8	40.2
132	21.8	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 59.08 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.0	18.8	28.2





#45

1,1'-Biphenyl

Concen: 27.54 ng

RT: 13.42 min Scan# 1756

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

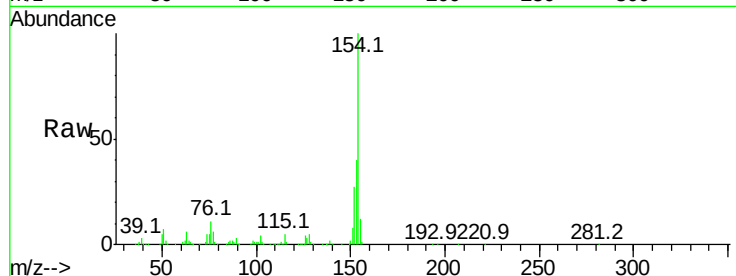
Tot Ion:154 Resp: 684509

Ion Ratio Lower Upper

154 100

153 39.6 20.7 60.7

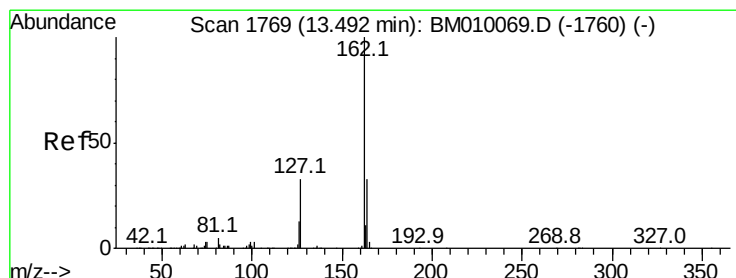
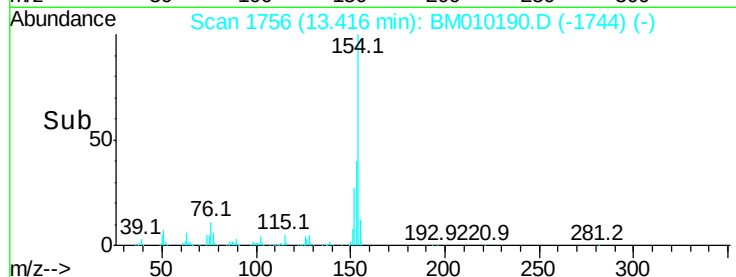
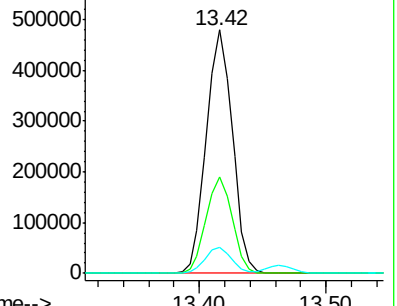
76 10.8 0.0 30.9



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: 26.91 ng

RT: 13.46 min Scan# 1764

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

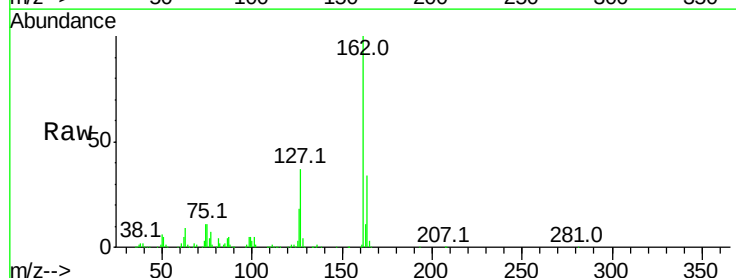
Tgt Ion:162 Resp: 541430

Ion Ratio Lower Upper

162 100

127 37.3 26.9 40.3

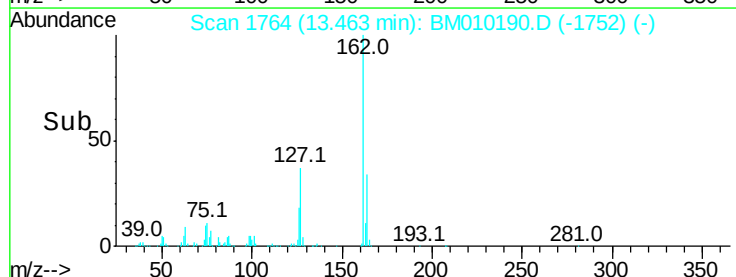
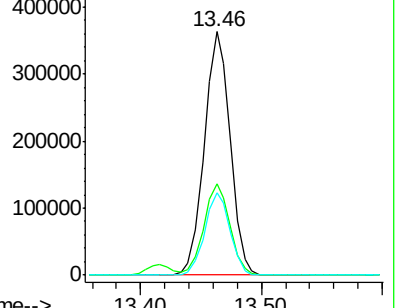
164 33.8 26.8 40.2

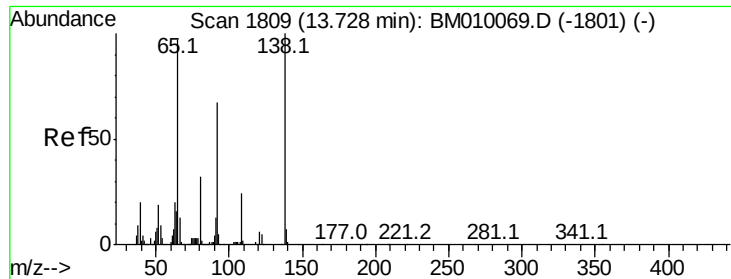


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

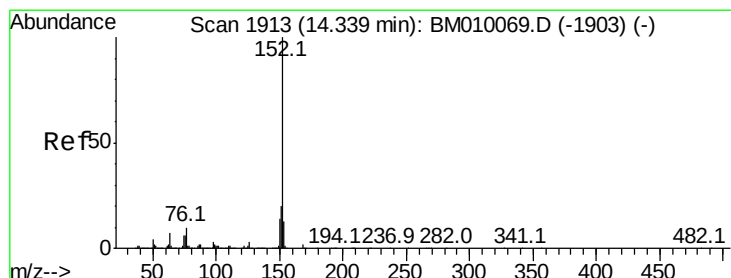
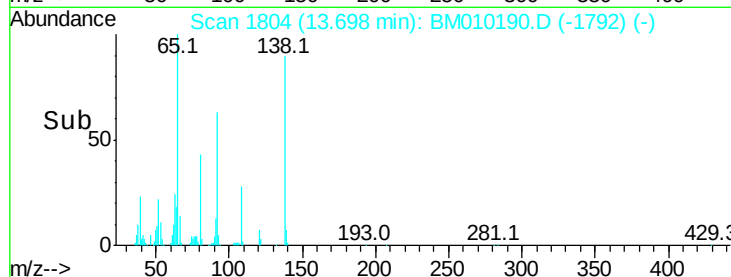
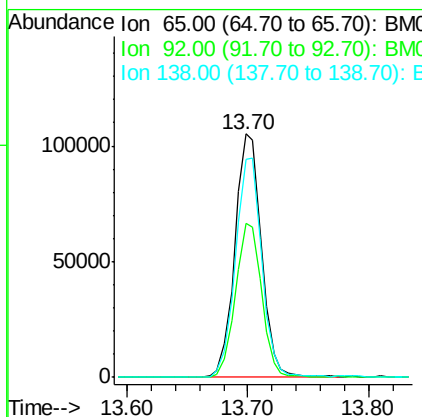
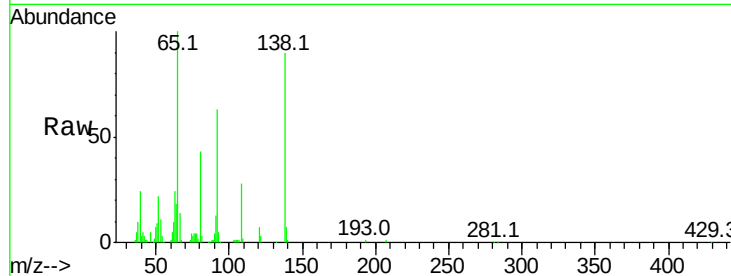




#47
2-Nitroaniline
Concen: 31.20 ng
RT: 13.70 min Scan# 1804
Delta R.T. -0.03 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

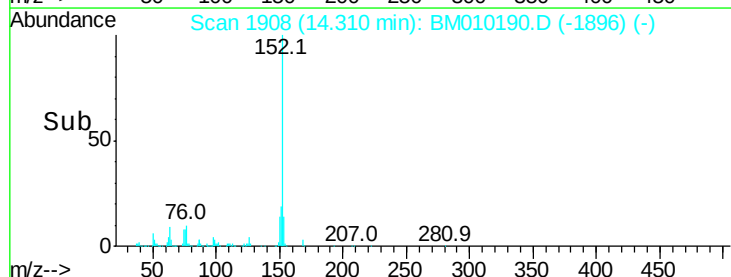
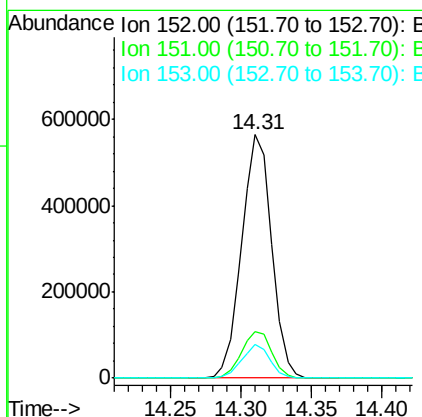
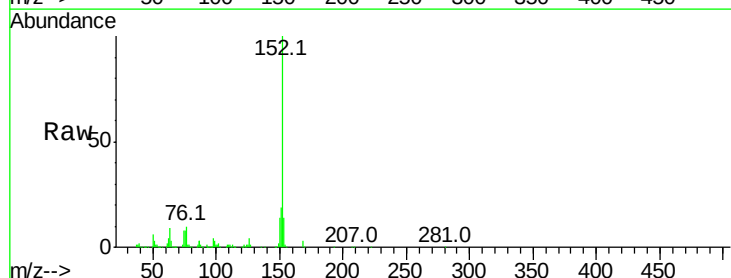
Instrument :
BNA_M
ClientSampleId :
DSK-SB1(5-10)MSD

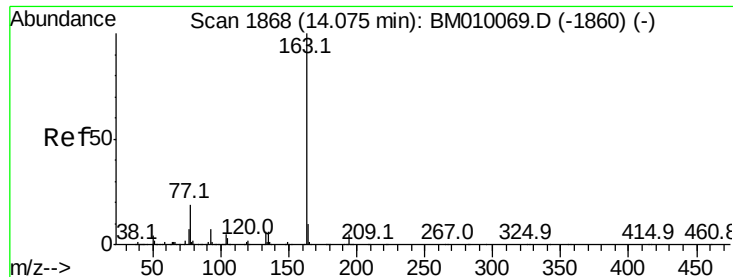
Tot Ion: 65 Resp: 161457
Ion Ratio Lower Upper
65 100
92 63.3 59.1 88.7
138 89.8 93.9 140.9#



#48
Acenaphthylene
Concen: 28.14 ng
RT: 14.31 min Scan# 1908
Delta R.T. -0.03 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

Tgt Ion: 152 Resp: 837295
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 13.6 10.6 16.0





#49

Dimethylphthalate

Concen: 36.22 ng

RT: 14.05 min Scan# 1863

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

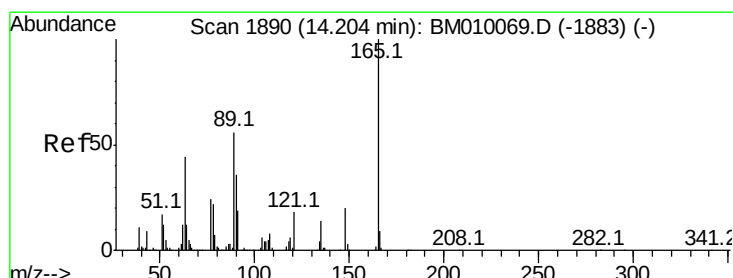
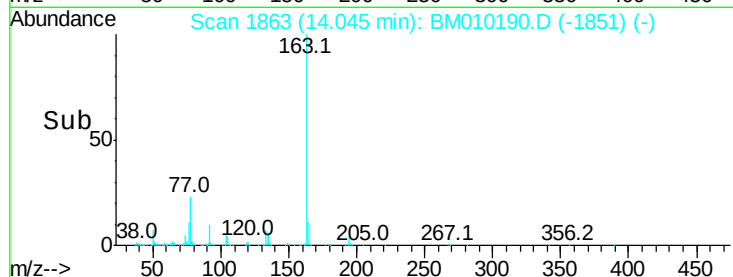
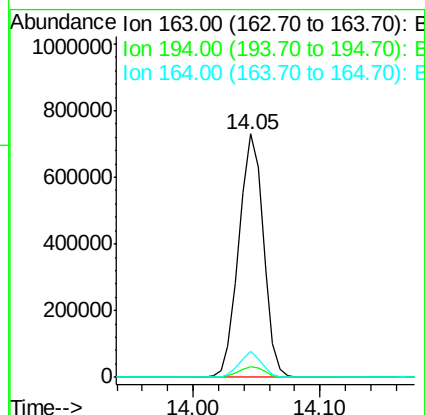
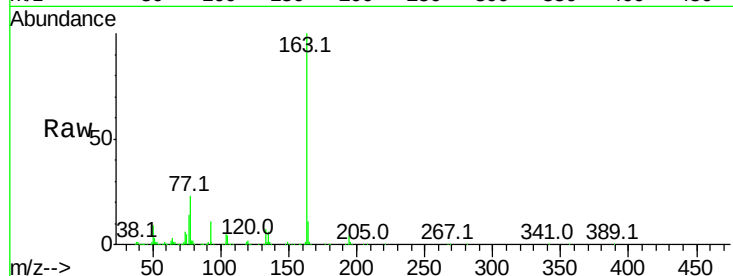
Tot Ion:163 Resp: 976360

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

164 10.6 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 29.73 ng

RT: 14.18 min Scan# 1886

Delta R.T. -0.02 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

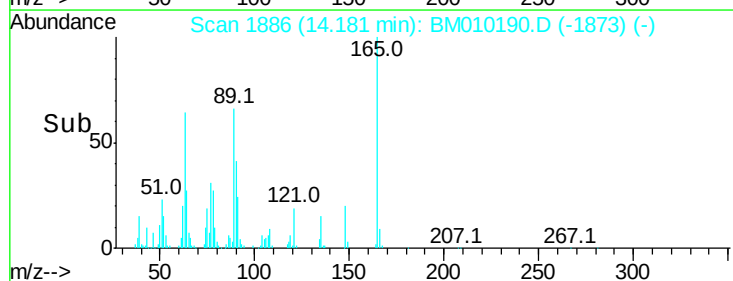
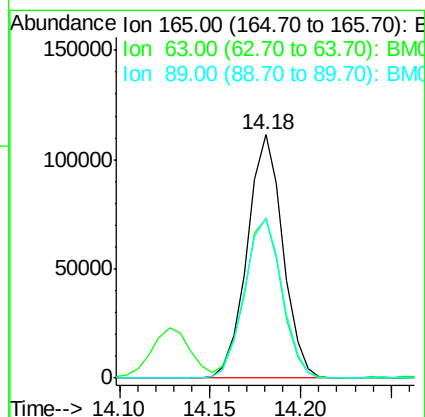
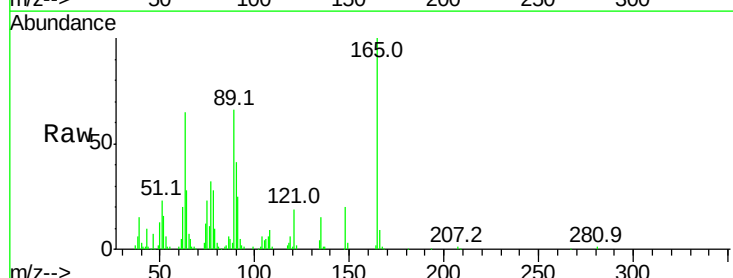
Tgt Ion:165 Resp: 152171

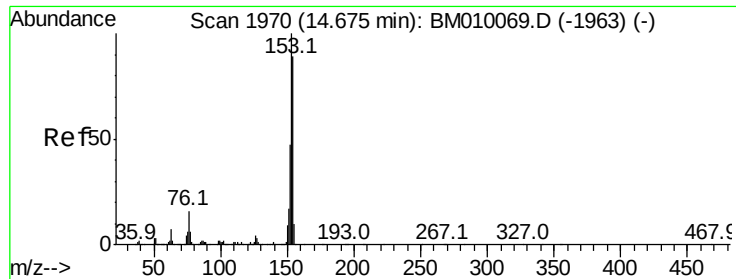
Ion Ratio Lower Upper

165 100

63 65.5 44.1 66.1

89 66.0 44.3 66.5





#51

Acenaphthene

Concen: 27.57 ng

RT: 14.65 min Scan# 1965

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

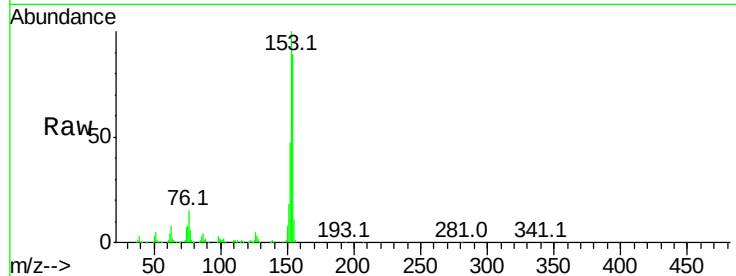
Tot Ion:154 Resp: 510014

Ion Ratio Lower Upper

154 100

153 112.7 90.0 135.0

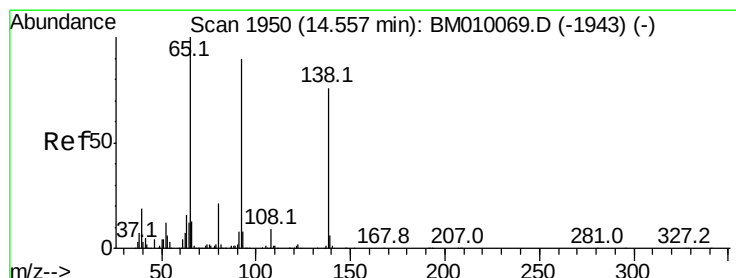
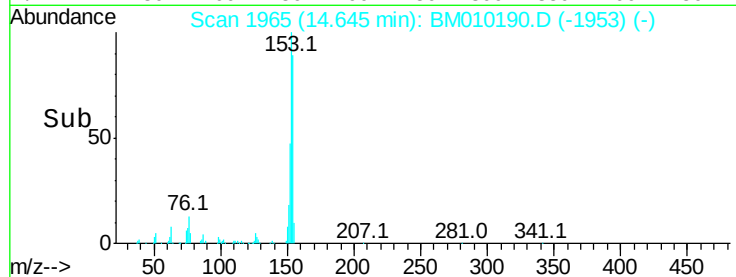
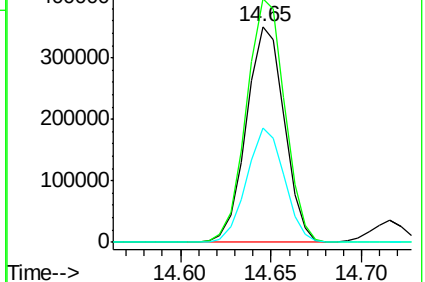
152 53.2 42.6 63.8



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: 19.47 ng

RT: 14.53 min Scan# 1945

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

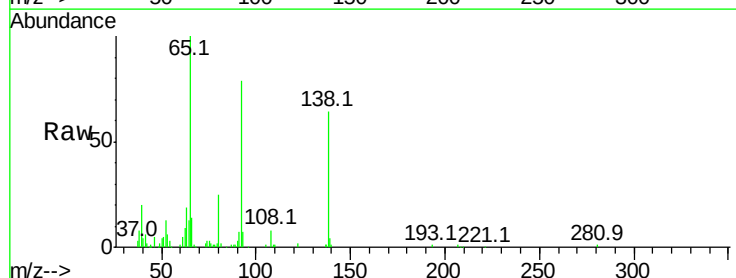
Tgt Ion:138 Resp: 92644

Ion Ratio Lower Upper

138 100

108 12.4 7.3 10.9#

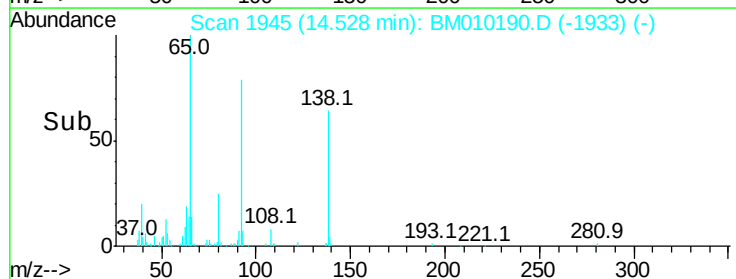
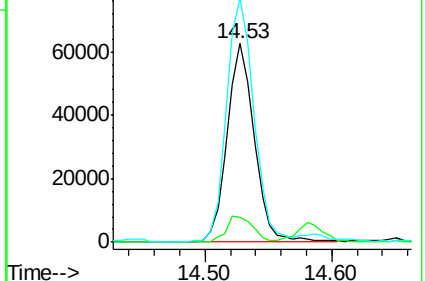
92 122.8 76.6 114.8#

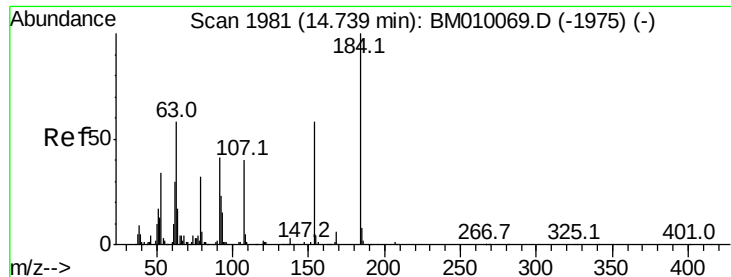


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

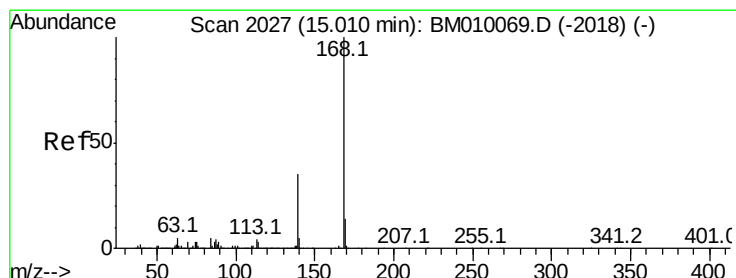
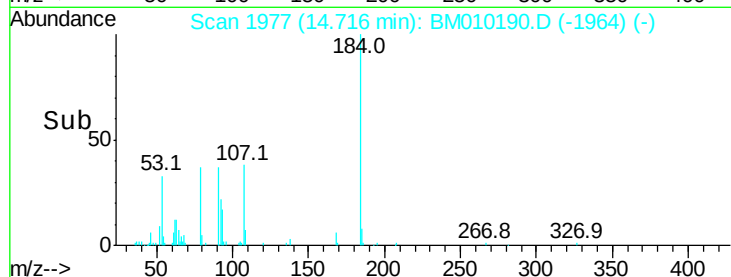
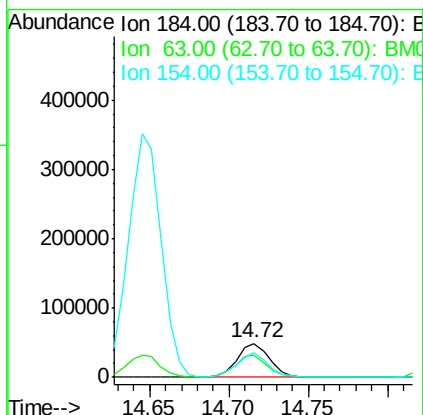
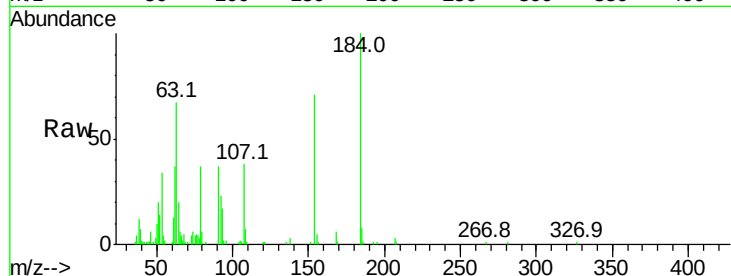




#53
2,4-Dinitrophenol
Concen: 25.45 ng
RT: 14.72 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

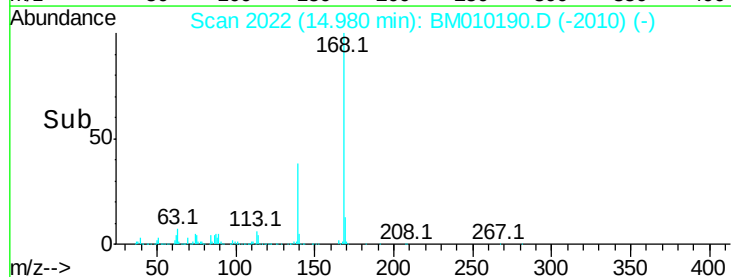
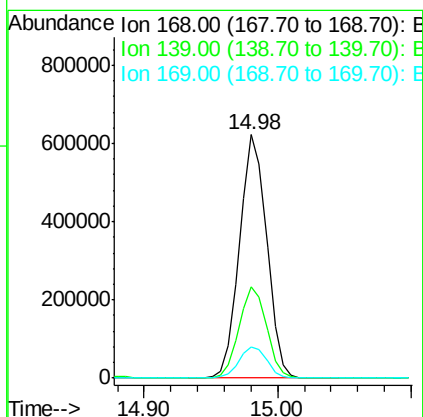
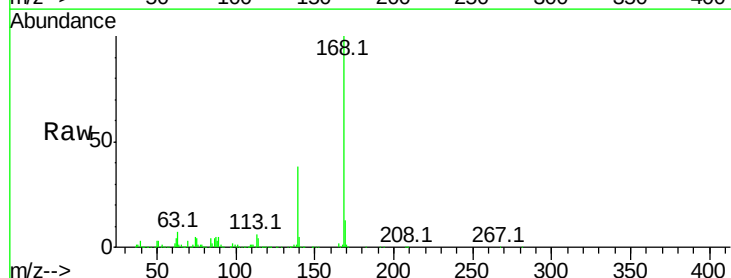
Instrument :
BNA_M
ClientSampleId :
DSK-SB1(5-10)MSD

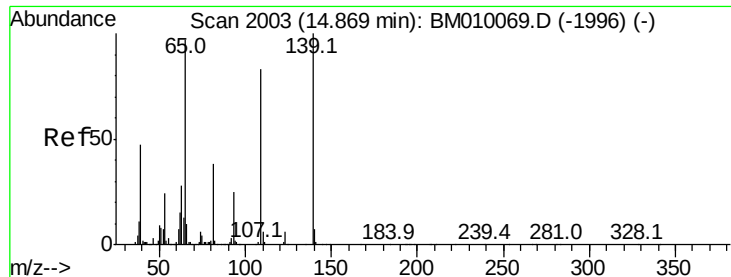
Tot Ion:184 Resp: 70583
Ion Ratio Lower Upper
184 100
63 67.0 69.2 103.8#
154 71.5 53.3 79.9



#54
Dibenzofuran
Concen: 30.15 ng
RT: 14.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

Tgt Ion:168 Resp: 876853
Ion Ratio Lower Upper
168 100
139 37.7 27.3 40.9
169 12.9 10.6 16.0





#55

4-Nitrophenol

Concen: 58.03 ng

RT: 14.84 min Scan# 1998

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

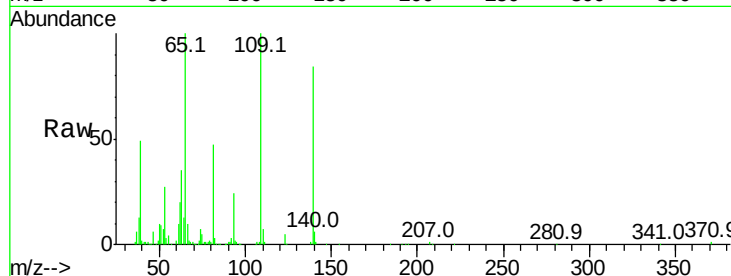
Tot Ion:139 Resp: 222182

Ion Ratio Lower Upper

139 100

109 119.3 37.7 77.7#

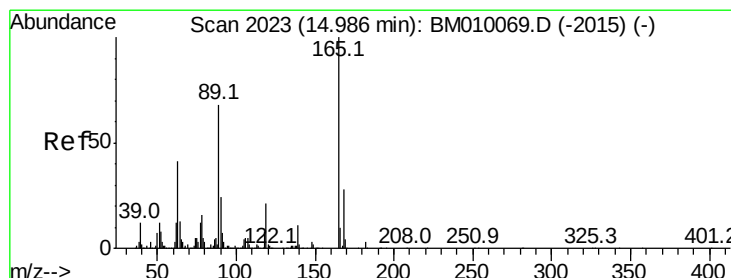
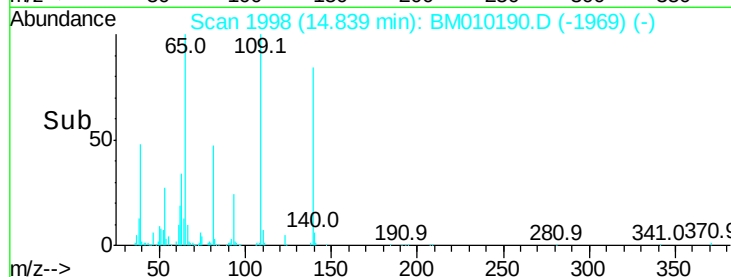
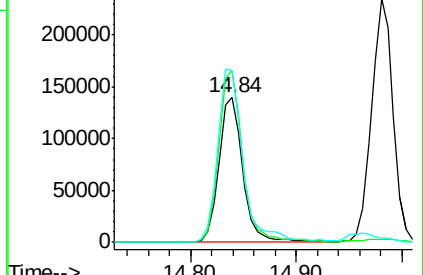
65 119.0 49.9 89.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

2,4-Dinitrotoluene

Concen: 30.07 ng

RT: 14.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Tgt Ion:165 Resp: 217765

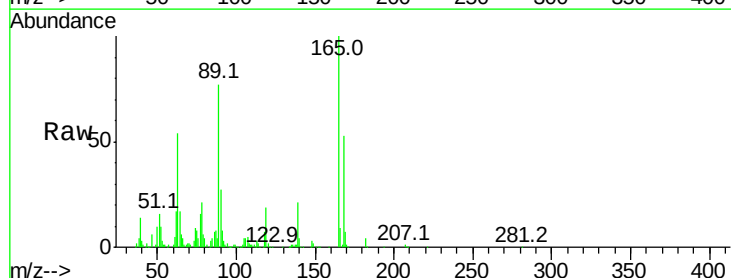
Ion Ratio Lower Upper

165 100

63 54.1 52.4 78.6

89 77.3 72.4 108.6

182 3.6 2.0 3.0#

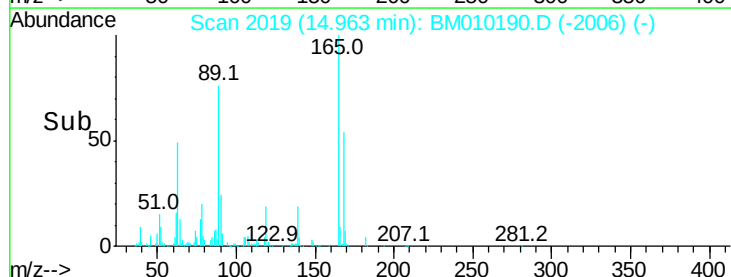
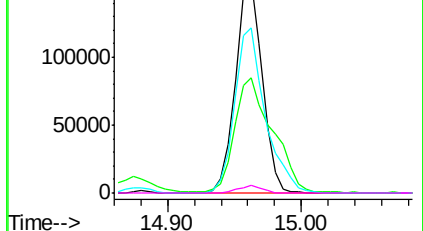


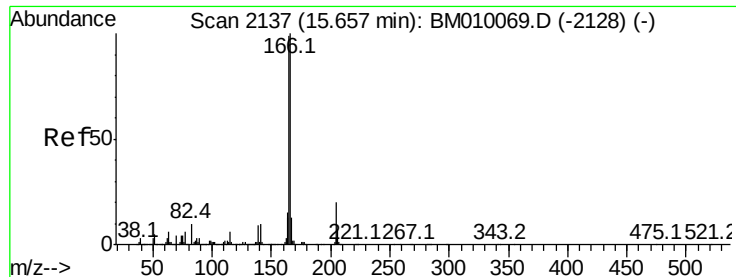
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 28.59 ng

RT: 15.63 min Scan# 2132

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

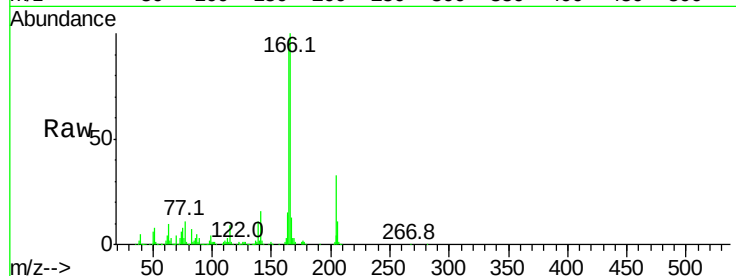
Tot Ion:166 Resp: 723226

Ion Ratio Lower Upper

166 100

165 97.0 79.0 118.4

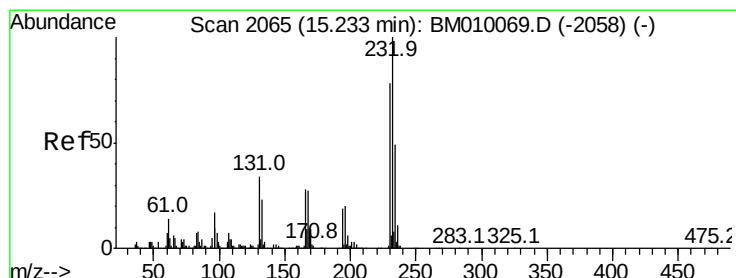
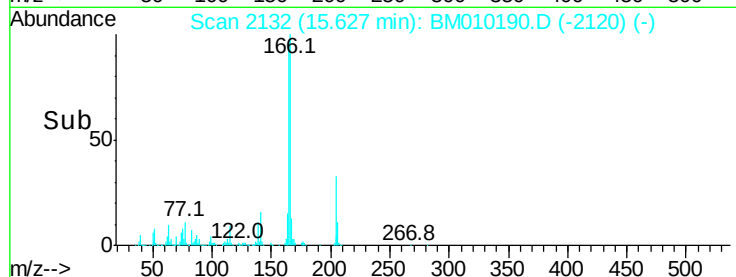
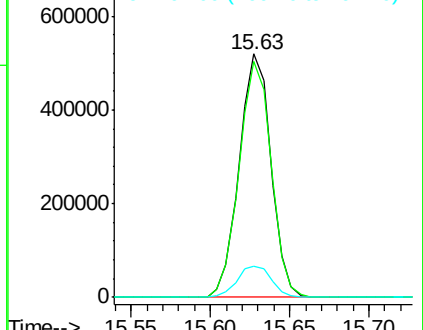
167 12.6 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.35 ng

RT: 15.20 min Scan# 2060

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Tgt Ion:232 Resp: 221319

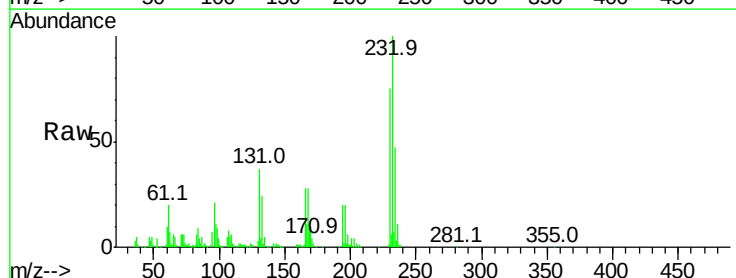
Ion Ratio Lower Upper

232 100

131 38.7 0.0 0.0#

130 2.5 0.0 0.0#

166 28.6 0.0 0.0#

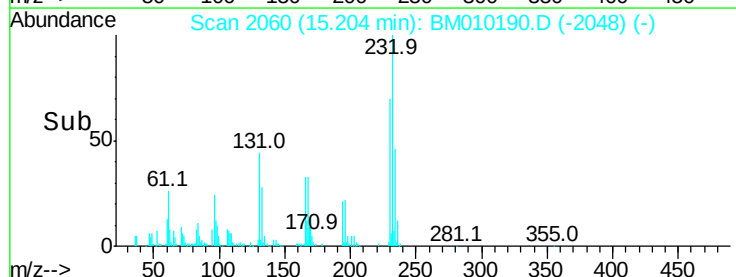
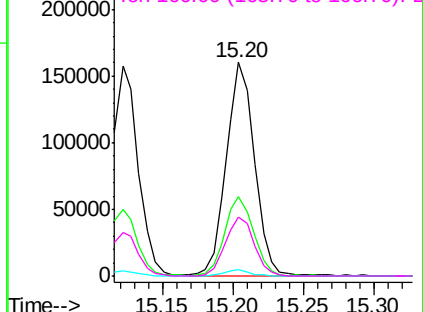


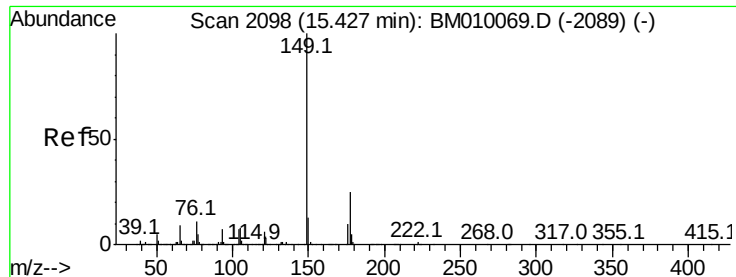
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 27.27 ng

RT: 15.39 min Scan# 2092

Delta R.T. -0.04 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

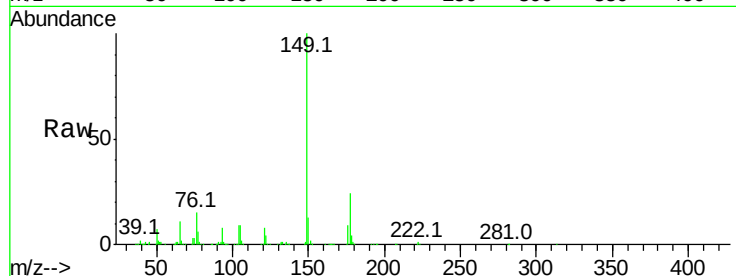
BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

Tot Ion:149 Resp: 695080

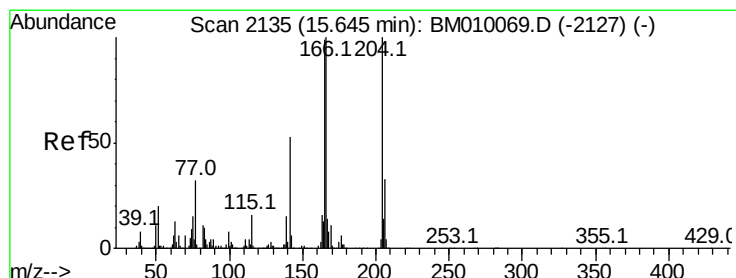
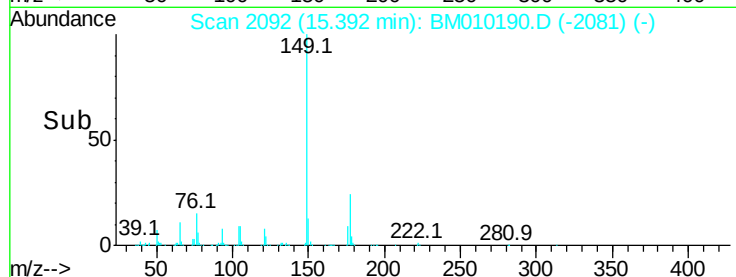
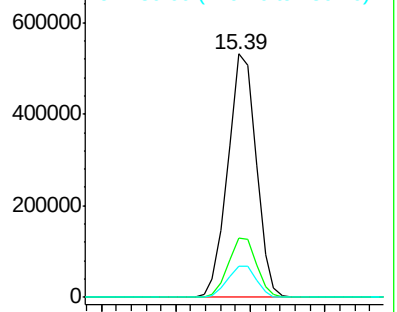
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.3	27.5
150	12.7	9.8	14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 28.23 ng

RT: 15.62 min Scan# 2130

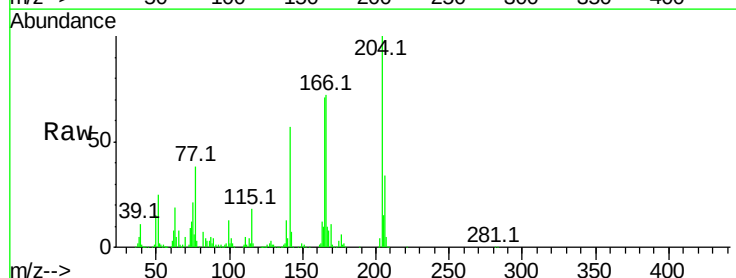
Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Tgt Ion:204 Resp: 400851

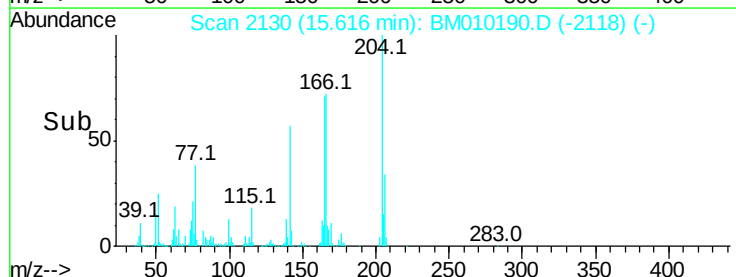
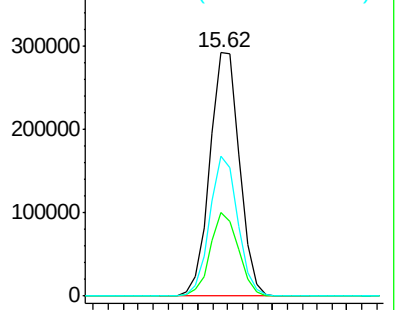
Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.6	39.8
141	57.3	45.2	67.8

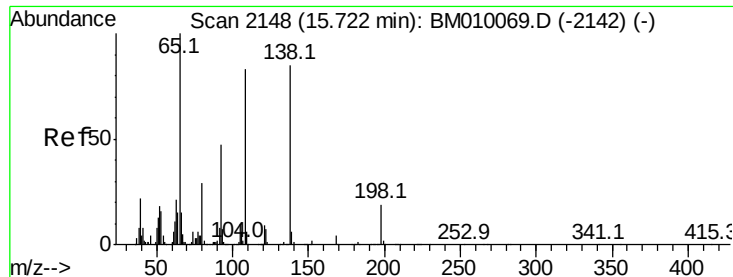


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 25.39 ng

RT: 15.69 min Scan# 2143

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

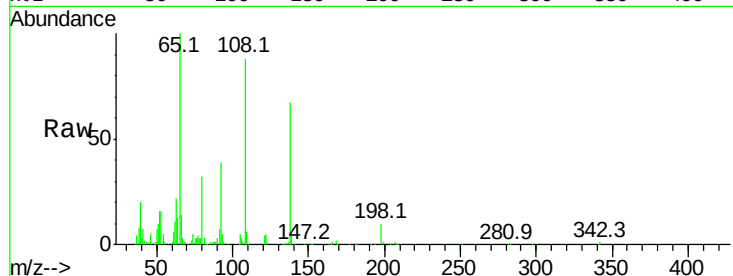
Tot Ion:138 Resp: 122627

Ion Ratio Lower Upper

138 100

92 58.1 16.7 56.7#

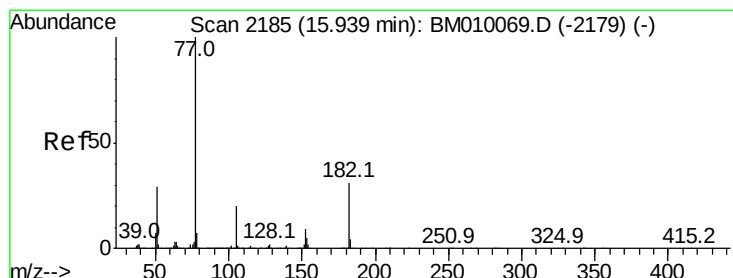
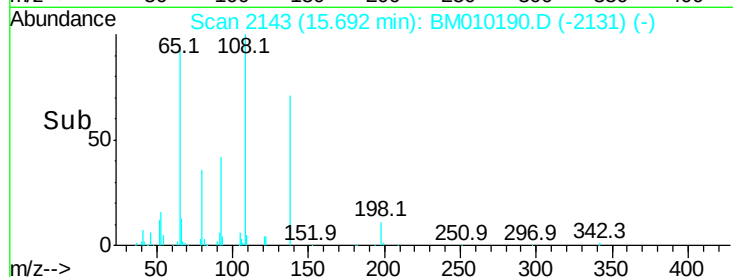
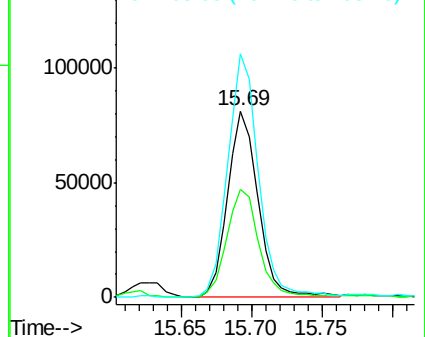
108 130.9 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.14 ng

RT: 15.91 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Tgt Ion: 77 Resp: 677398

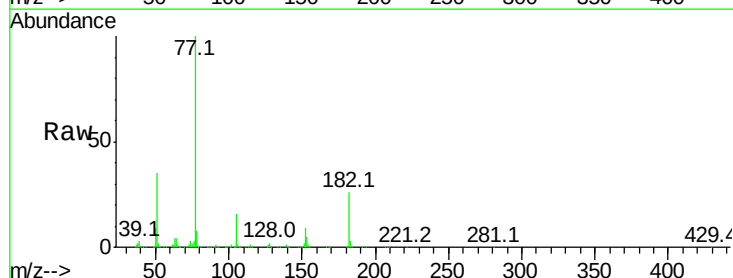
Ion Ratio Lower Upper

77 100

182 26.5 6.5 46.5

105 16.3 3.8 43.8

51 34.6 5.5 45.5

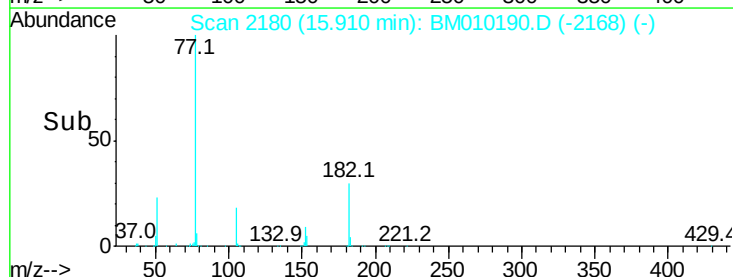
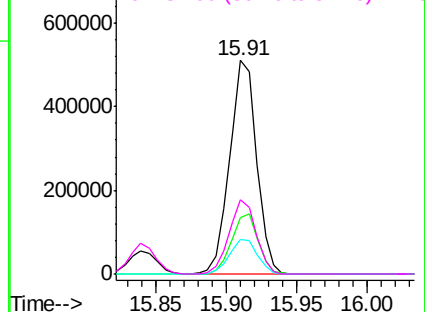


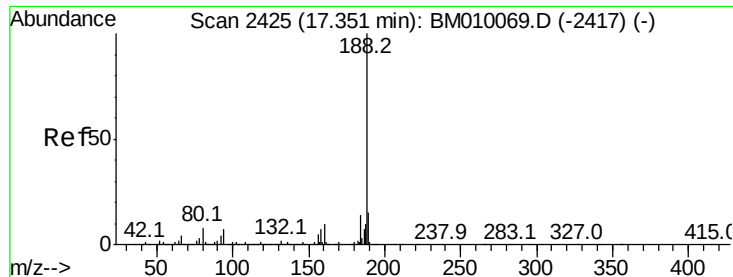
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

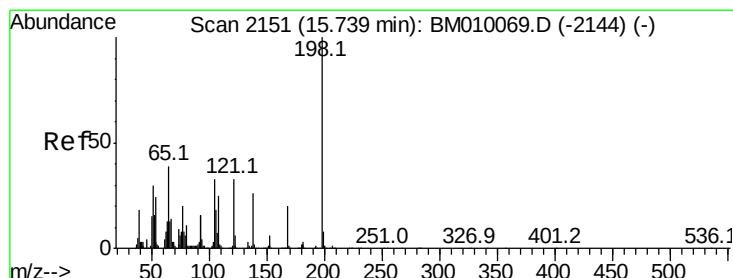
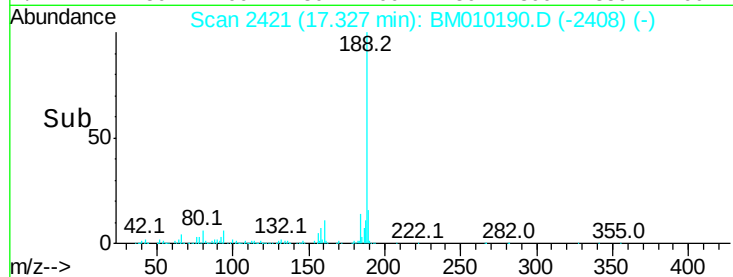
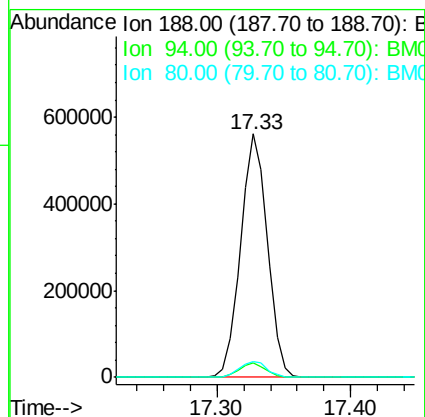
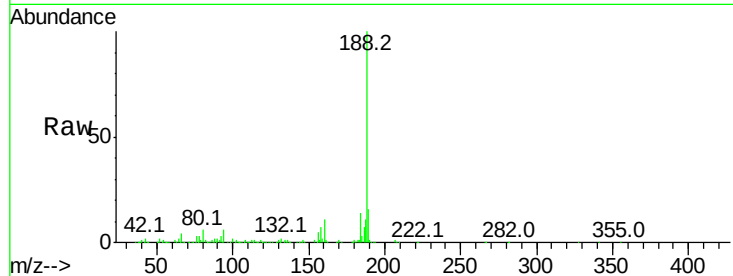




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

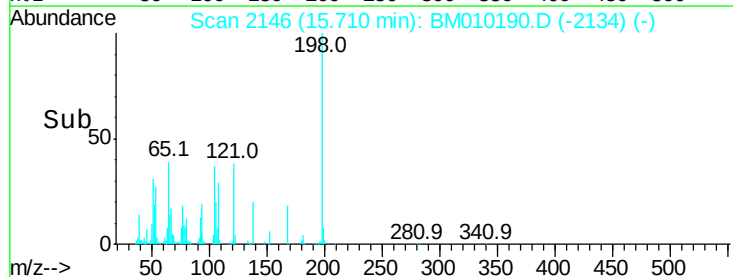
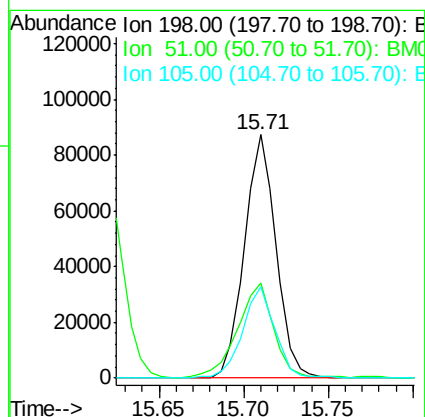
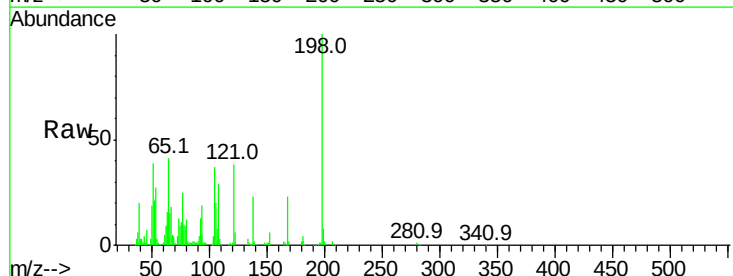
Instrument :
BNA_M
ClientSampleId :
DSK-SB1(5-10)MSD

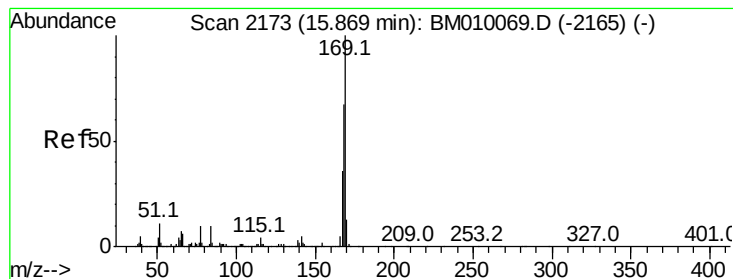
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	8.7	13.1#
80	6.4	9.3	13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 24.00 ng
RT: 15.71 min Scan# 2146
Delta R.T. -0.03 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

Tgt Ion	Ratio	Lower	Upper
198	100		
51	39.3	28.8	68.8
105	37.4	30.5	70.5





#65

n-Nitrosodiphenylamine

Concen: 27.27 ng

RT: 15.84 min Scan# 2168

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

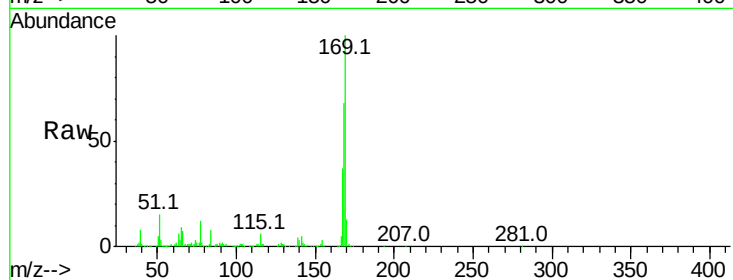
Tot Ion:169 Resp: 635199

Ion Ratio Lower Upper

169 100

168 67.6 53.9 80.9

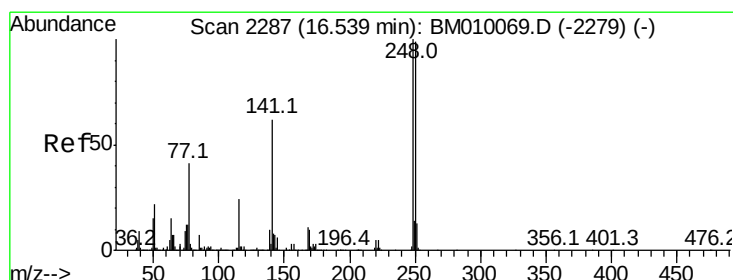
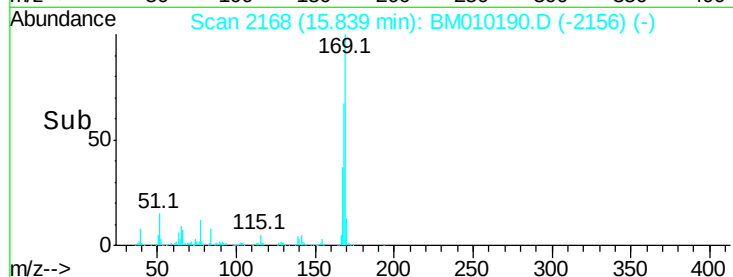
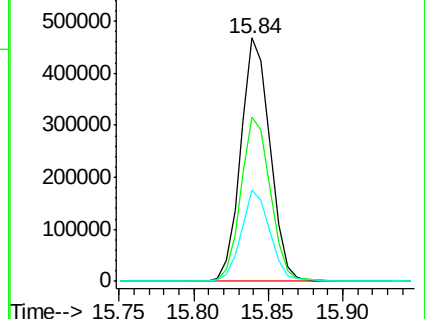
167 37.4 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 27.23 ng

RT: 16.51 min Scan# 2282

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

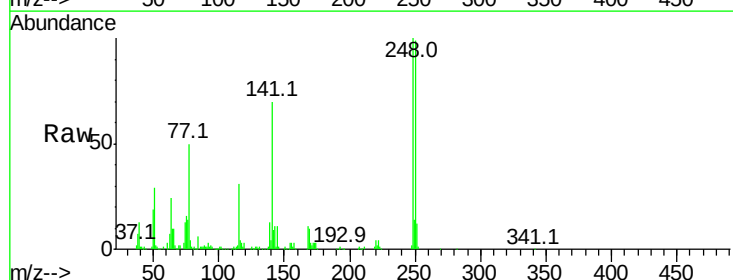
Tgt Ion:248 Resp: 270962

Ion Ratio Lower Upper

248 100

250 99.5 77.4 116.0

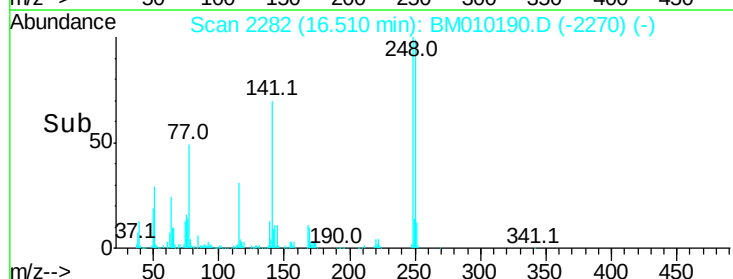
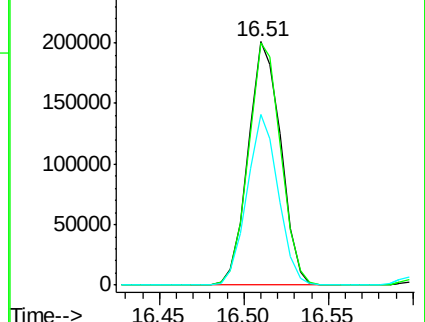
141 70.3 45.2 67.8#

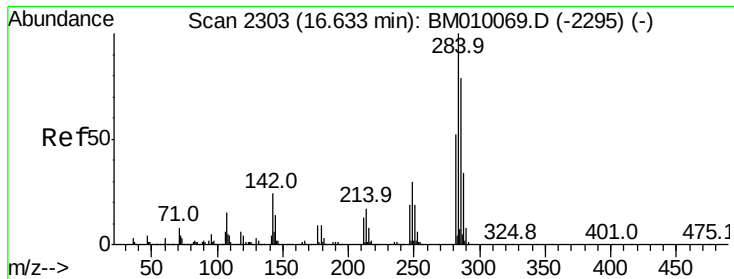


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 25.20 ng

RT: 16.61 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

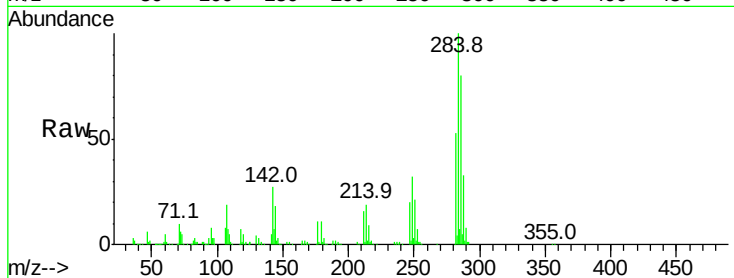
Tot Ion:284 Resp: 304670

Ion Ratio Lower Upper

284 100

142 27.0 20.4 30.6

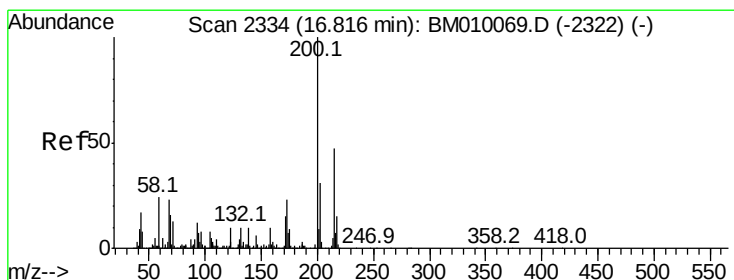
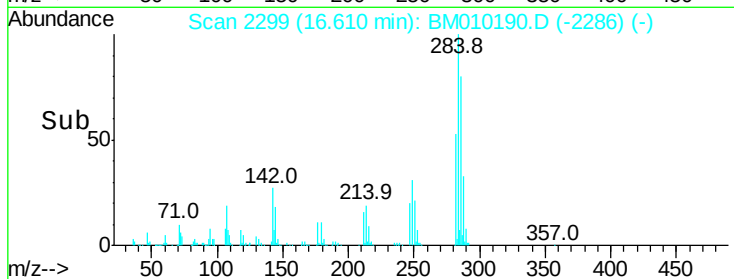
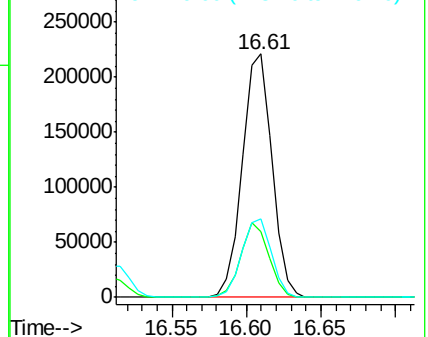
249 32.0 23.8 35.6



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: 30.35 ng

RT: 16.79 min Scan# 2329

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

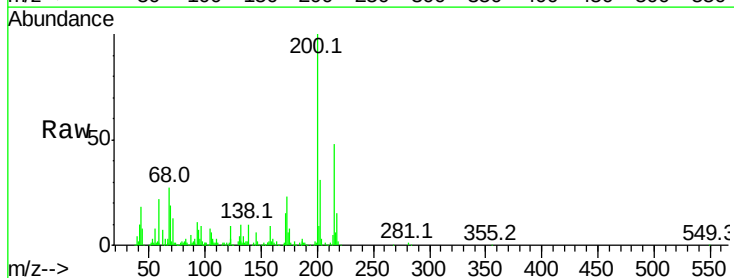
Tgt Ion:200 Resp: 268053

Ion Ratio Lower Upper

200 100

173 23.3 4.8 44.8

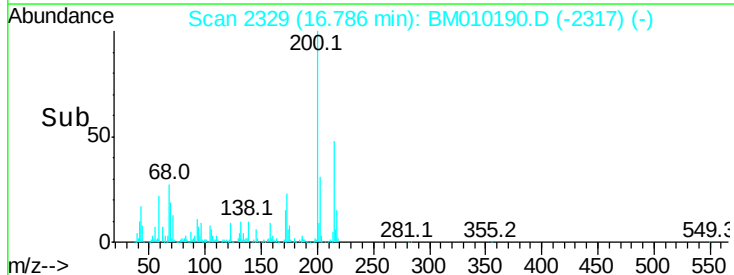
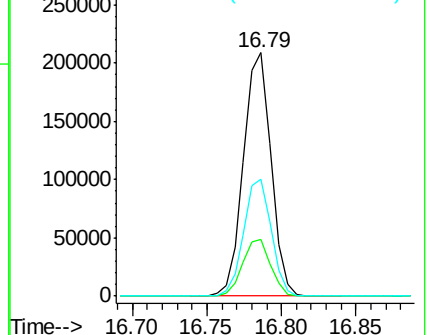
215 47.8 26.9 66.9

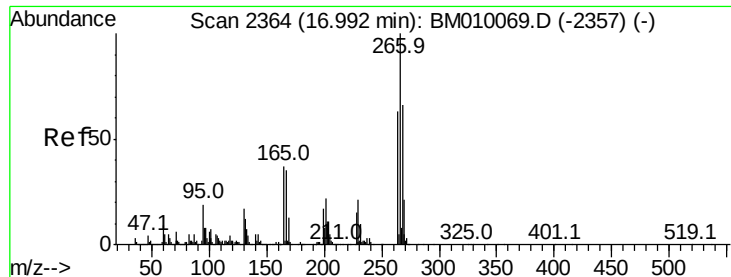


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 55.52 ng

RT: 16.97 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

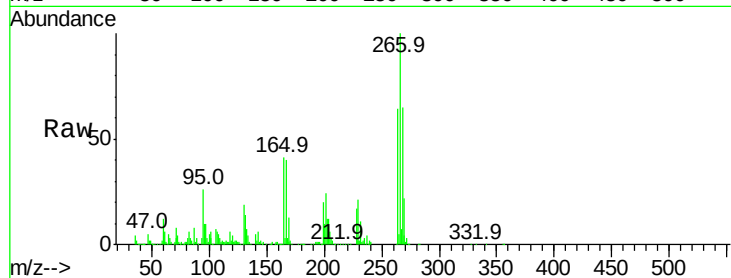
Tot Ion:266 Resp: 368712

Ion Ratio Lower Upper

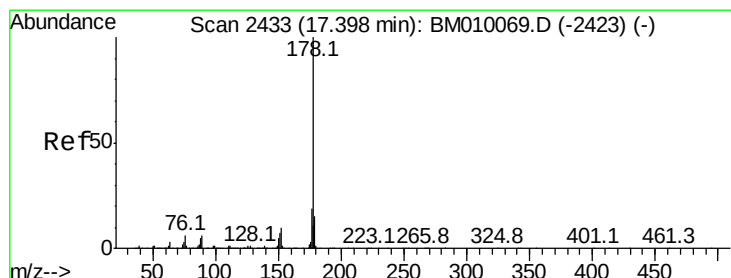
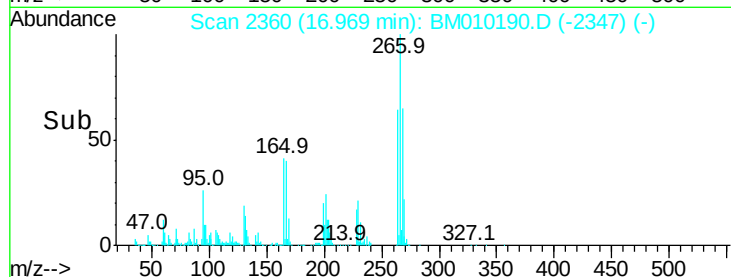
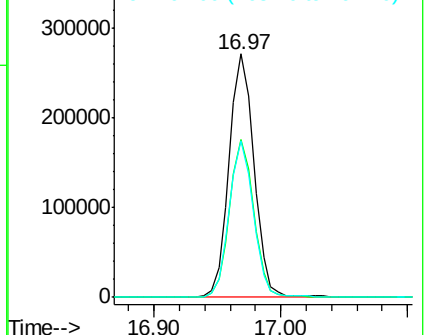
266 100

268 65.0 52.0 78.0

264 64.1 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: 27.33 ng

RT: 17.37 min Scan# 2428

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

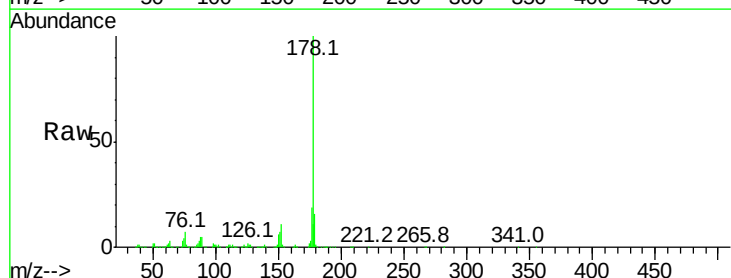
Tgt Ion:178 Resp: 1188597

Ion Ratio Lower Upper

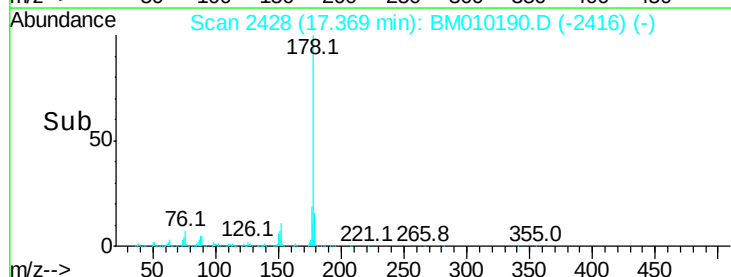
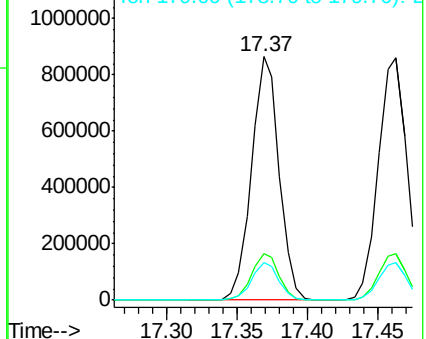
178 100

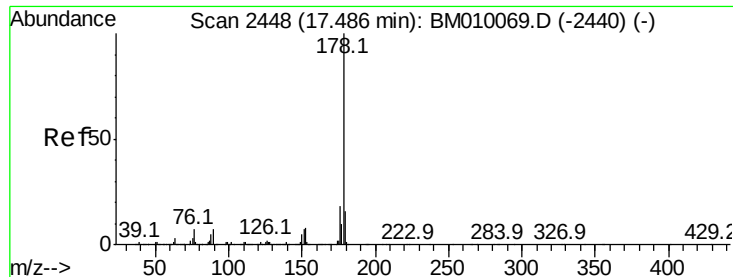
176 19.1 15.2 22.8

179 15.5 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: 28.26 ng

RT: 17.46 min Scan# 2444

Delta R.T. -0.02 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

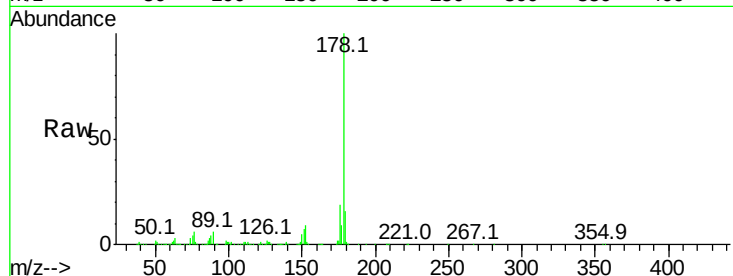
Tot Ion:178 Resp: 1219898

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	15.5	12.6	19.0

178 100

176 18.9 14.6 22.0

179 15.5 12.6 19.0

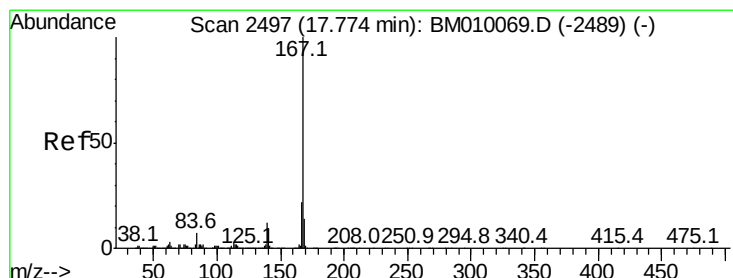
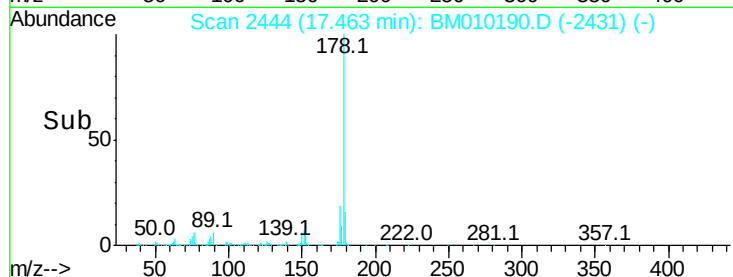
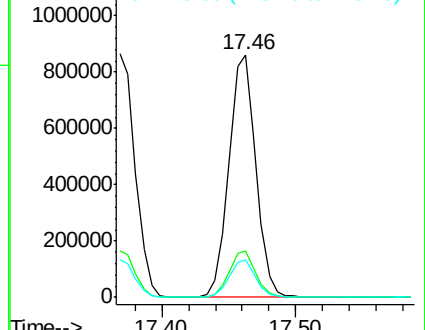


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 28.50 ng

RT: 17.74 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

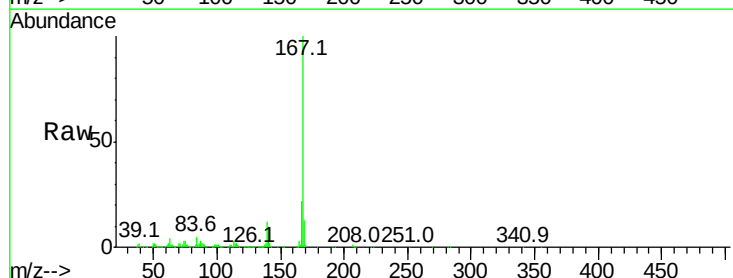
Tgt Ion:167 Resp: 1089077

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

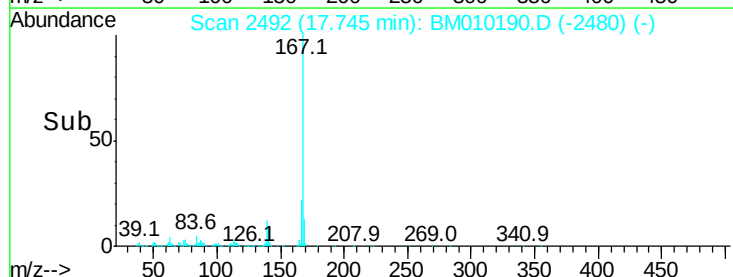
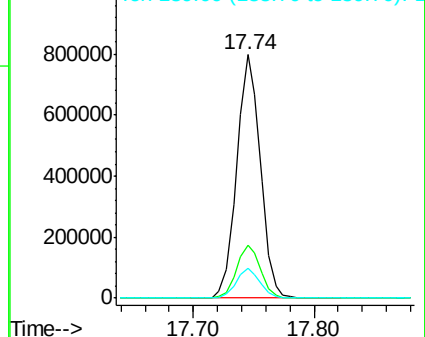


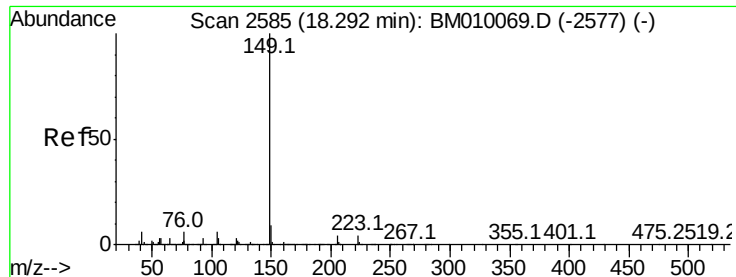
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 25.80 ng

RT: 18.26 min Scan# 2580

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

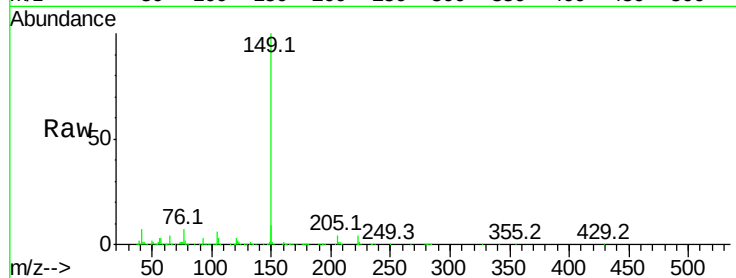
Tot Ion:149 Resp: 1169146

Ion Ratio Lower Upper

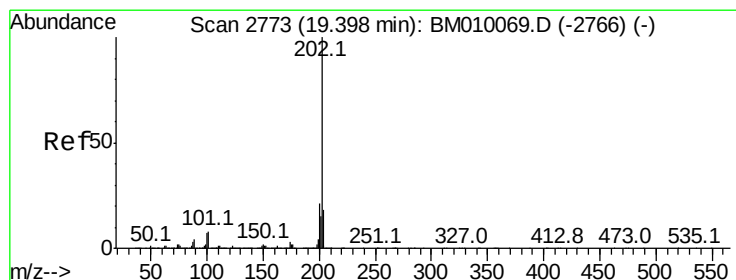
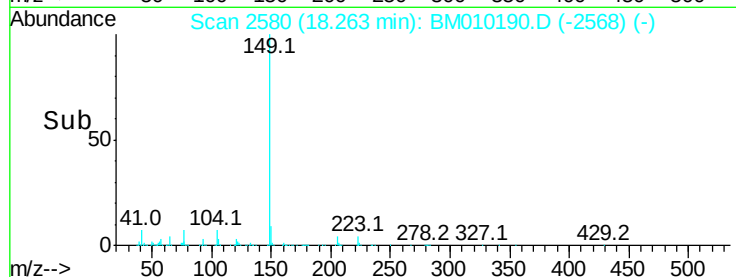
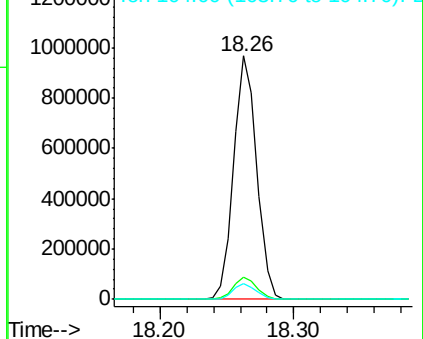
149 100

150 9.3 7.5 11.3

104 6.5 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 27.59 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.02 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

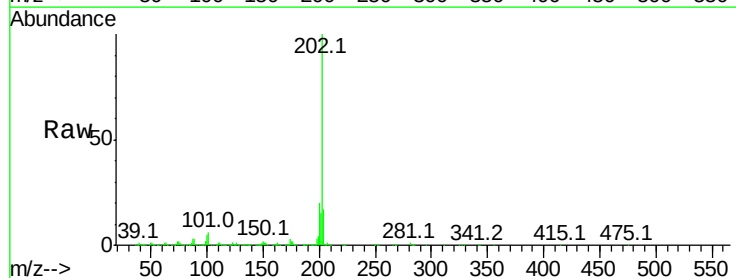
Tgt Ion:202 Resp: 1557713

Ion Ratio Lower Upper

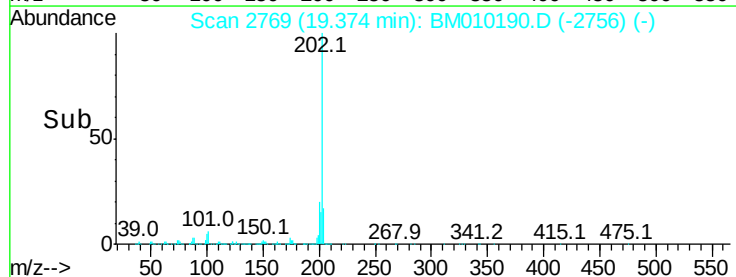
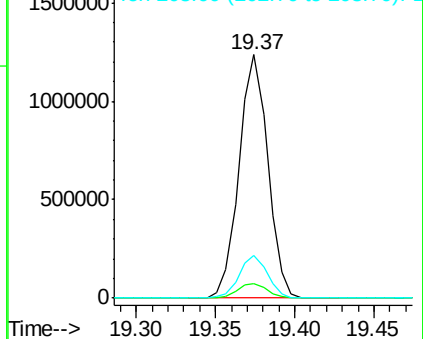
202 100

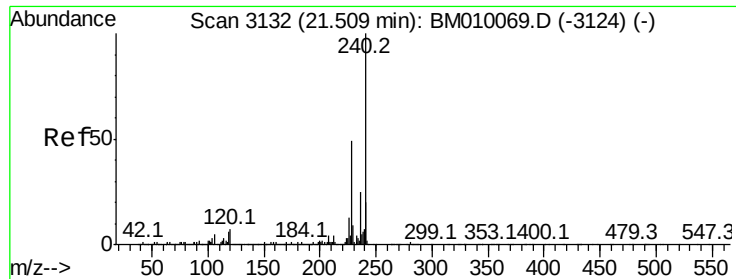
101 5.9 0.0 28.7

203 17.3 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# 3128

Delta R.T. -0.02 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

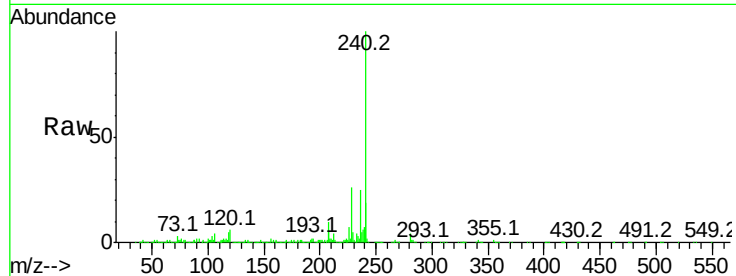
Tot Ion:240 Resp: 1165508

Ion Ratio Lower Upper

240 100

120 5.5 8.2 12.2#

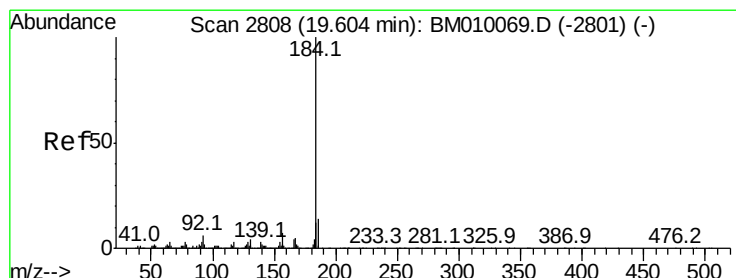
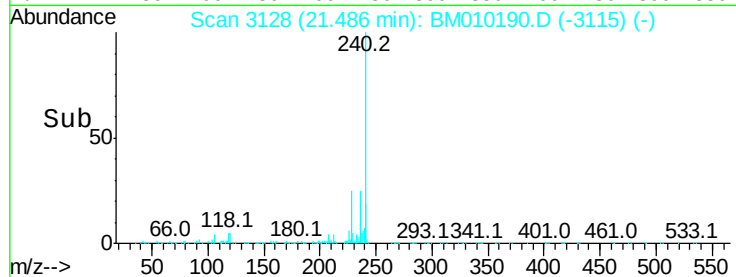
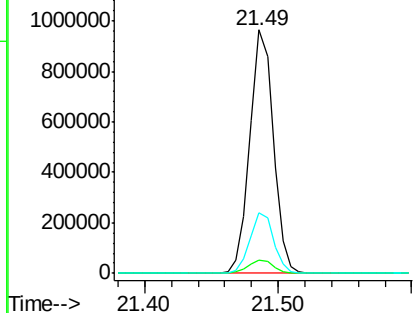
236 25.1 20.0 30.0



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: 47.48 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

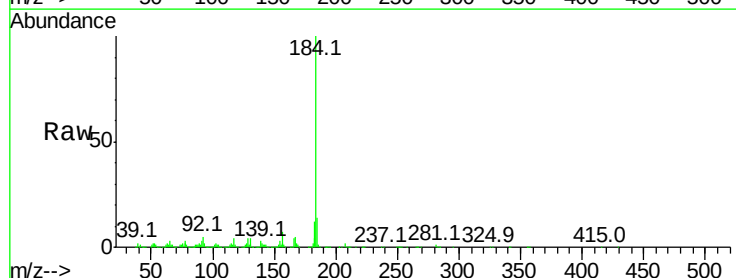
Tgt Ion:184 Resp: 1020662

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

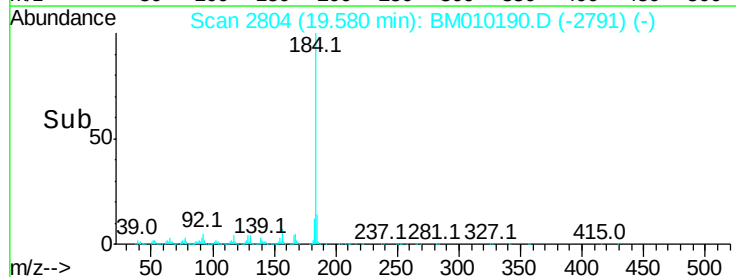
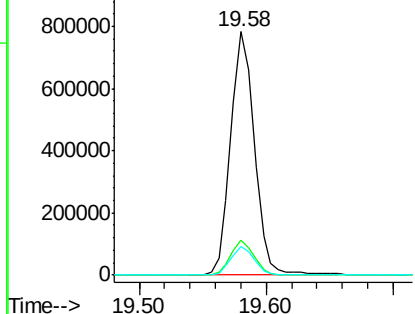
183 11.8 8.9 13.3

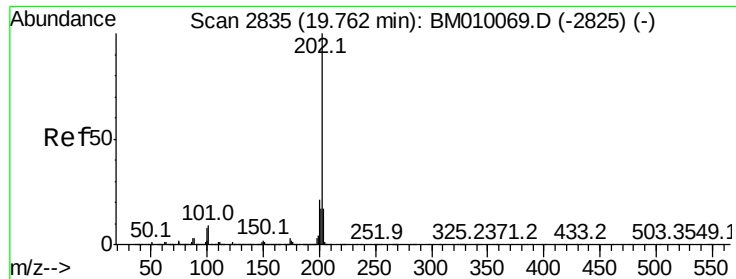


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 25.52 ng

RT: 19.74 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

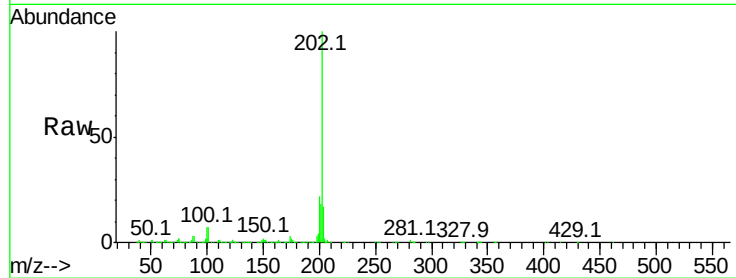
BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

Tot Ion:202 Resp: 1594975

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	17.5	14.1	21.1

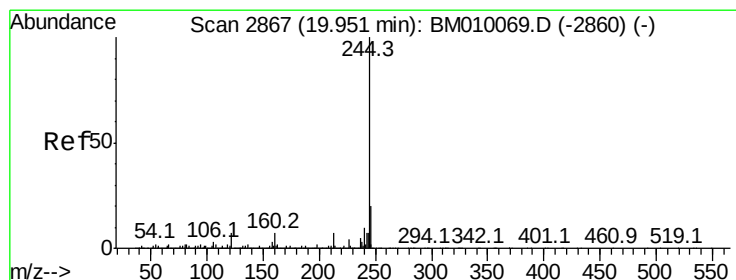
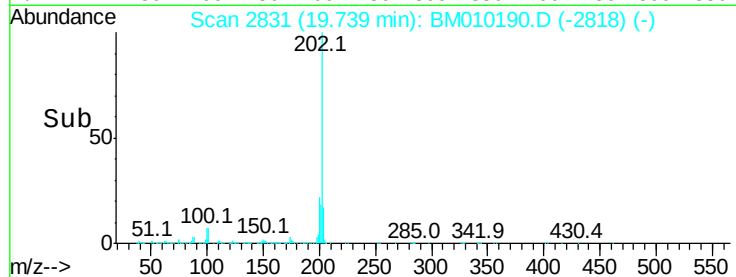
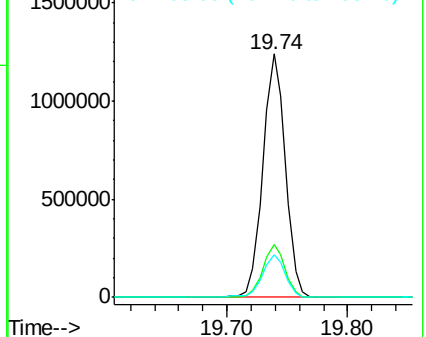


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 50.85 ng

RT: 19.93 min Scan# 2863

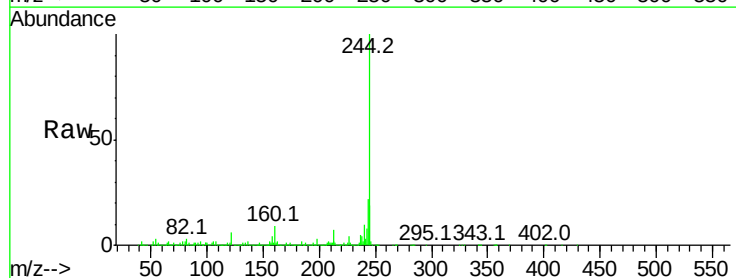
Delta R.T. -0.02 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Tgt Ion:244 Resp: 2606430

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

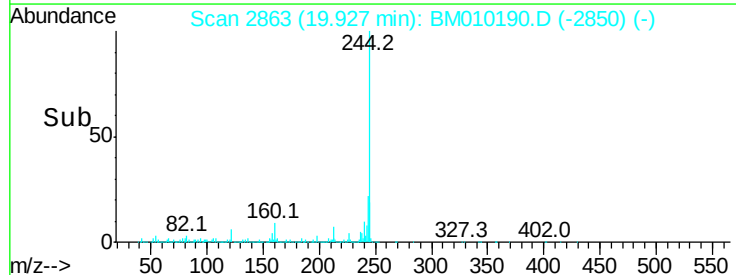
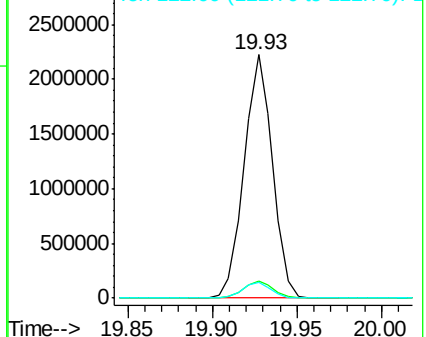


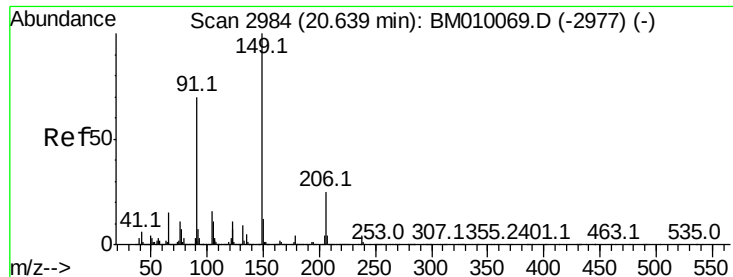
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 25.02 ng

RT: 20.61 min Scan# 2979

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

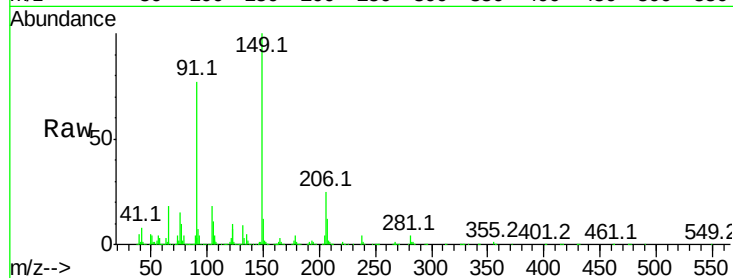
Tot Ion:149 Resp: 578693

Ion Ratio Lower Upper

149 100

91 76.9 50.1 75.1#

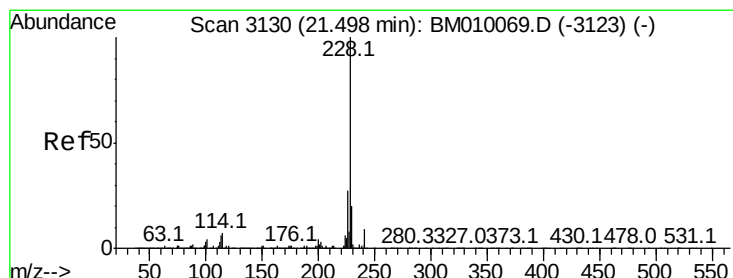
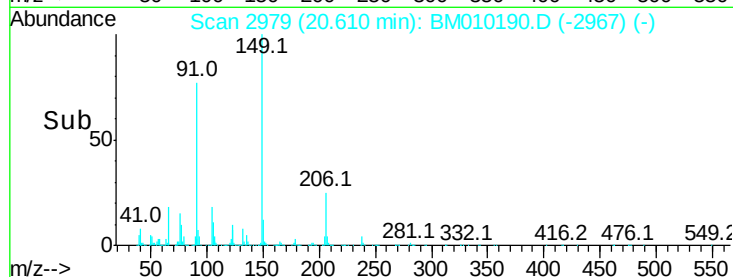
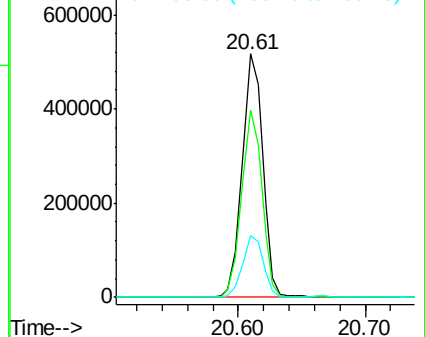
206 25.3 16.2 24.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 27.48 ng

RT: 21.47 min Scan# 3125

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

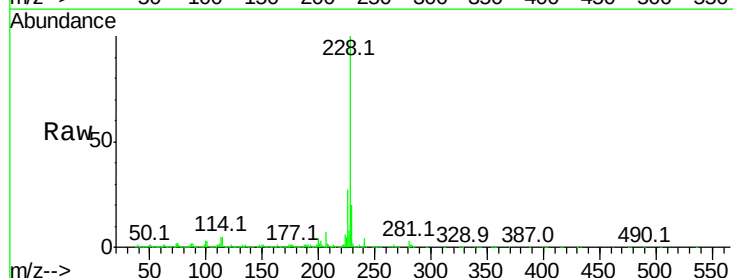
Tgt Ion:228 Resp: 1765225

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

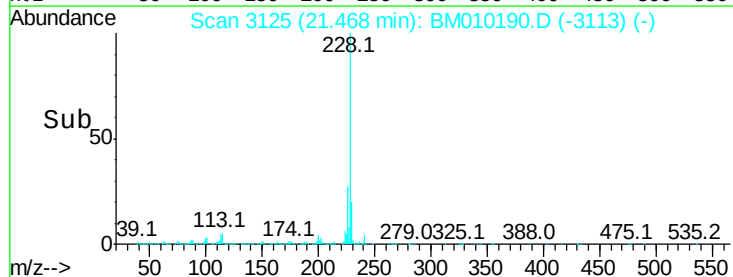
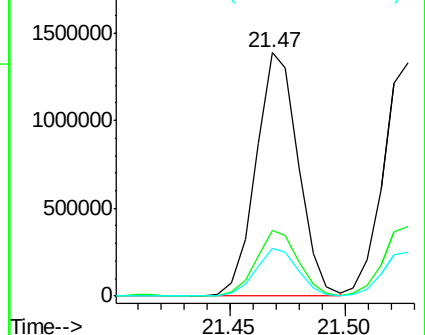
229 19.8 16.0 24.0

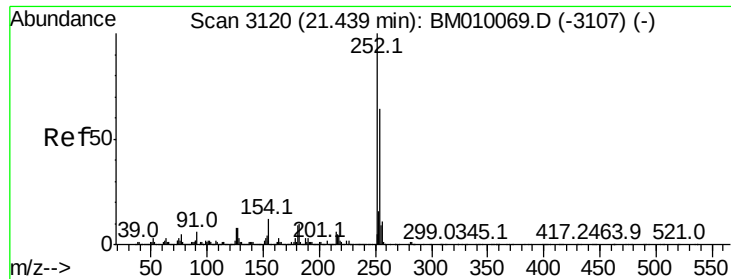


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

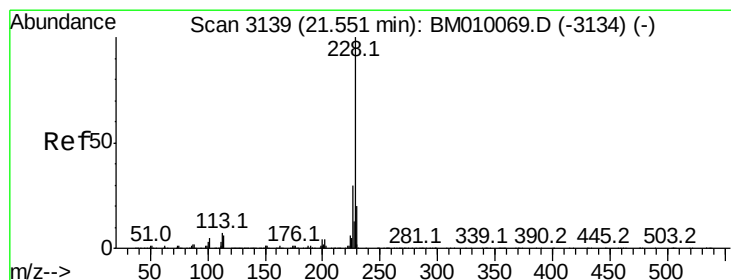
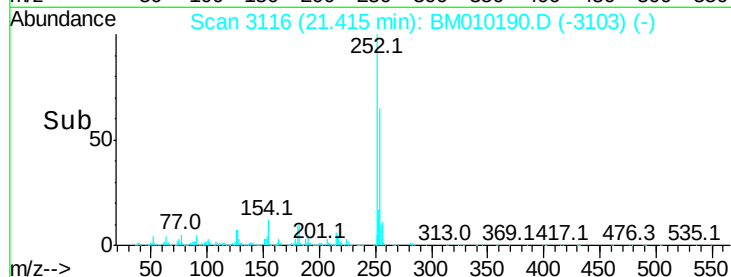
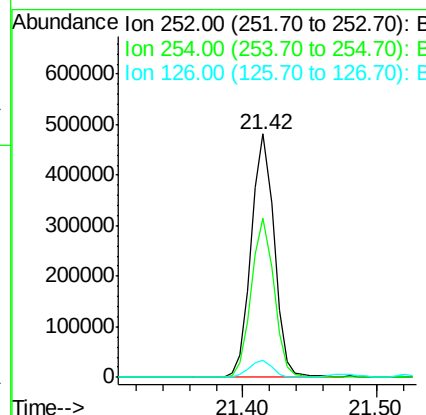
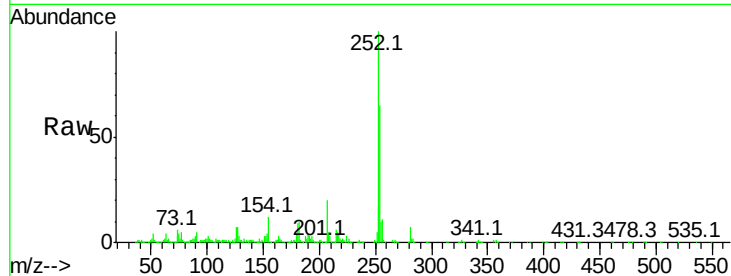




#81
 3,3'-Dichlorobenzidine
 Concen: 21.94 ng
 RT: 21.42 min Scan# 3116
 Delta R.T. -0.02 min
 Lab File: BM010190.D
 Acq: 24 May 2017 20:50

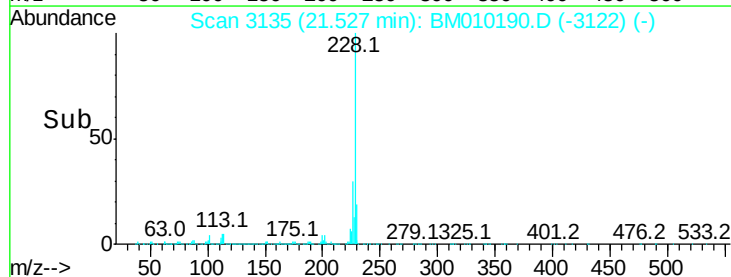
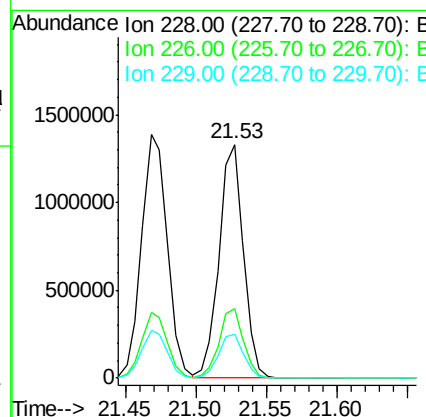
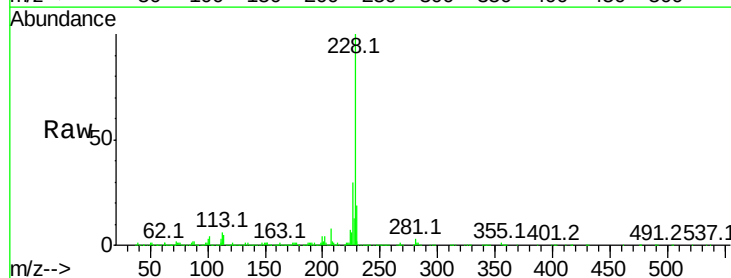
Instrument :
 BNA_M
 ClientSampleId :
 DSK-SB1(5-10)MSD

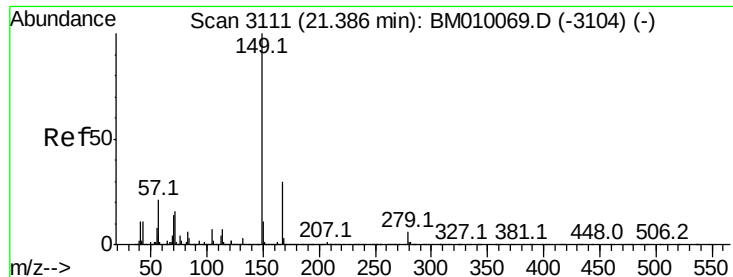
Tot Ion:252 Resp: 566784
 Ion Ratio Lower Upper
 252 100
 254 65.4 51.9 77.9
 126 7.0 9.8 14.8#



#82
 Chrysene
 Concen: 26.09 ng
 RT: 21.53 min Scan# 3135
 Delta R.T. -0.02 min
 Lab File: BM010190.D
 Acq: 24 May 2017 20:50

Tgt Ion:228 Resp: 1589705
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.1 36.1
 229 18.9 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 24.49 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.03 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

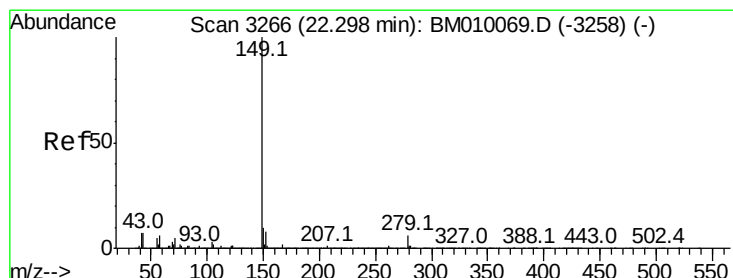
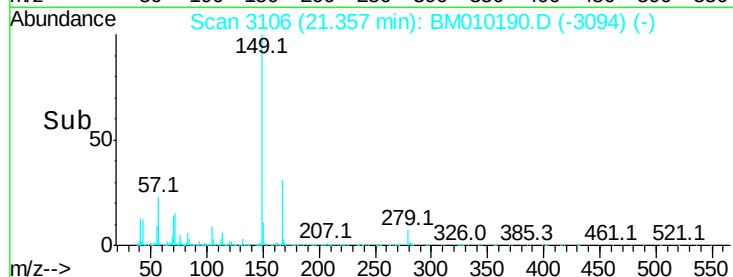
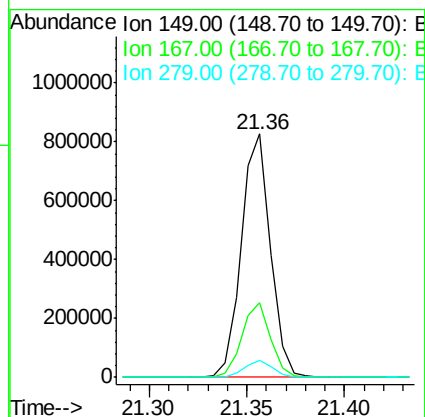
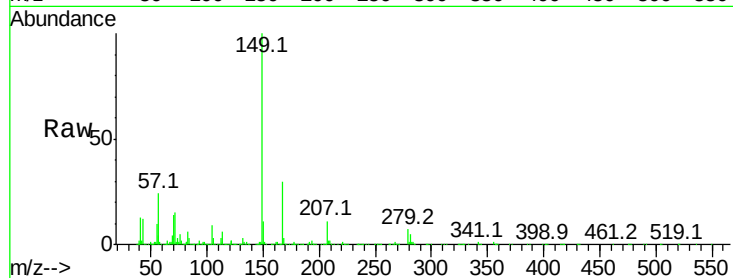
Tot Ion:149 Resp: 847088

Ion Ratio Lower Upper

149 100

167 30.5 22.4 33.6

279 7.1 3.4 5.0#



#84

Di-n-octyl phthalate

Concen: 24.92 ng

RT: 22.26 min Scan# 3260

Delta R.T. -0.04 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

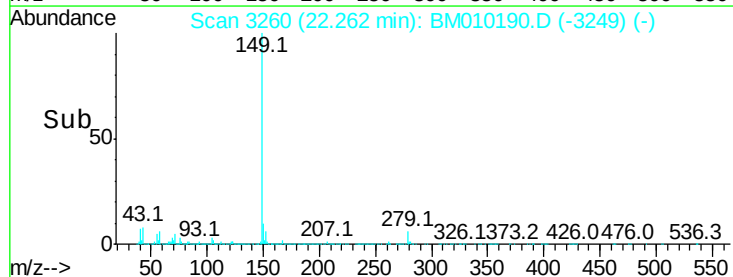
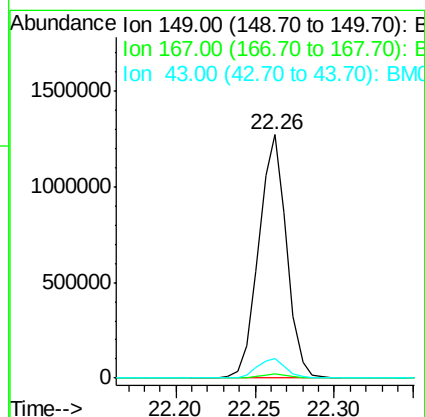
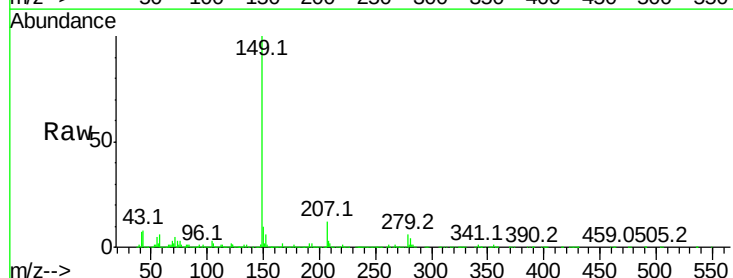
Tgt Ion:149 Resp: 1543325

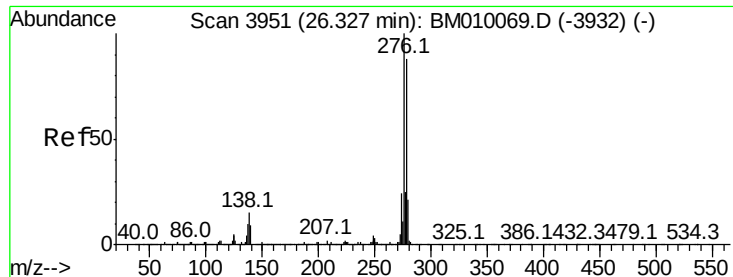
Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

43 8.0 7.3 10.9

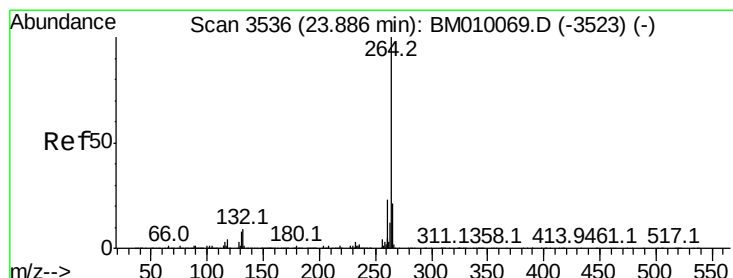
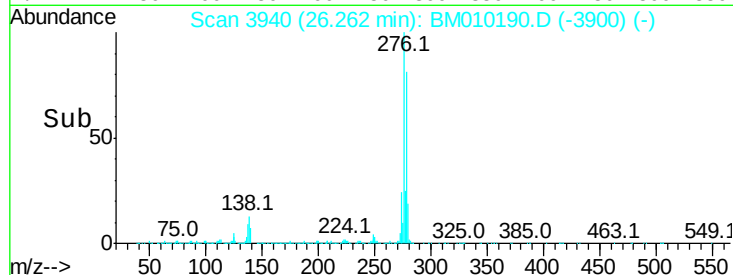
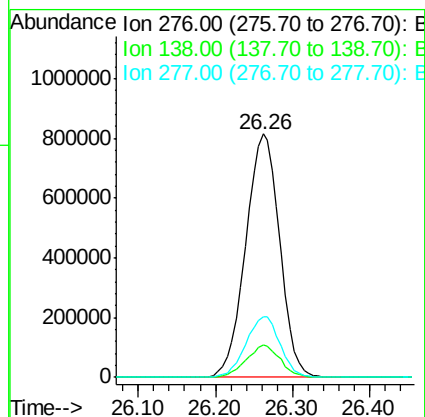
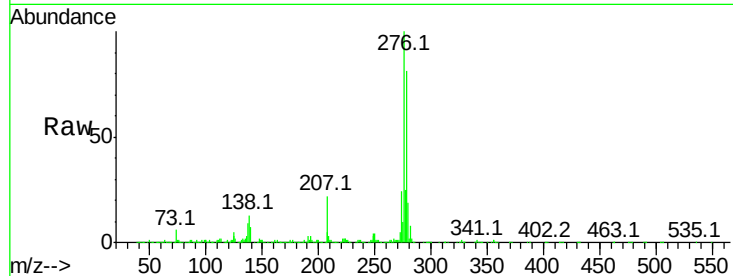




#85
Indeno(1,2,3-cd)pyrene
Concen: 28.20 ng
RT: 26.26 min Scan# 3940
Delta R.T. -0.06 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

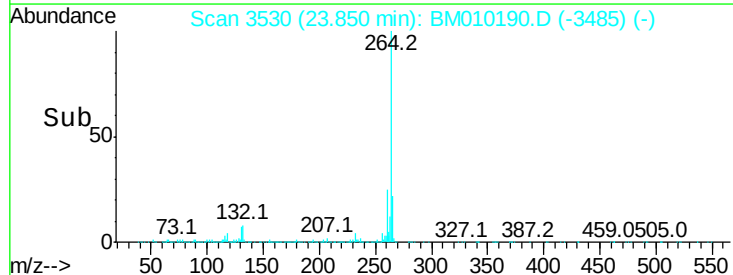
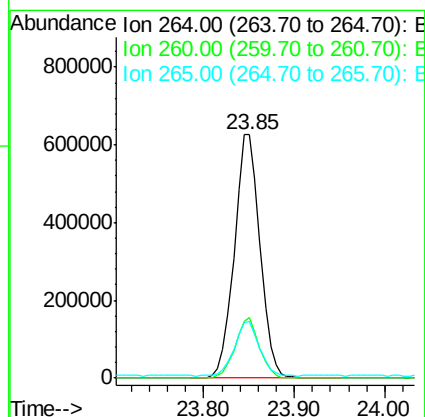
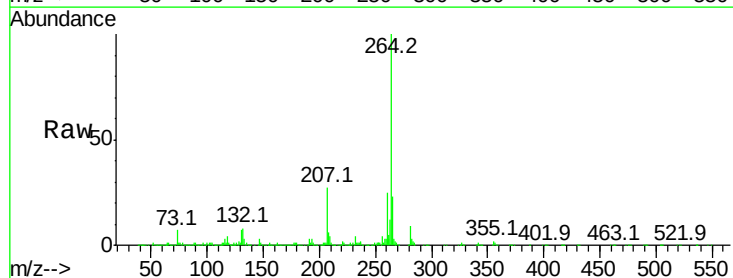
Instrument :
BNA_M
ClientSampleId :
DSK-SB1(5-10)MSD

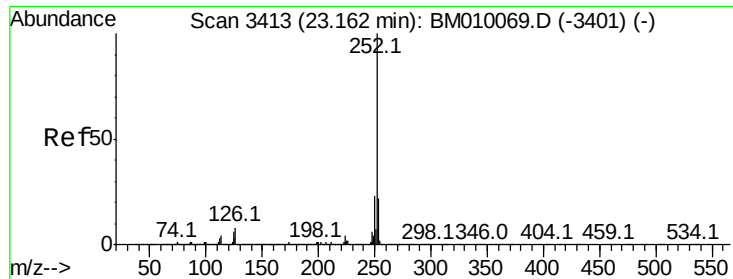
Tot Ion:276 Resp: 2519104
Ion Ratio Lower Upper
276 100
138 13.1 0.0 0.0#
277 25.0 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.85 min Scan# 3530
Delta R.T. -0.04 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

Tgt Ion:264 Resp: 1236479
Ion Ratio Lower Upper
264 100
260 24.7 18.6 27.8
265 23.4 17.3 25.9

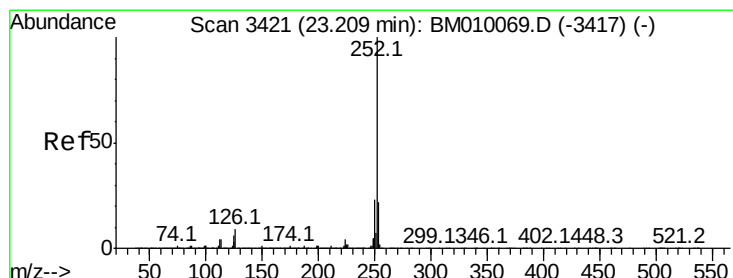
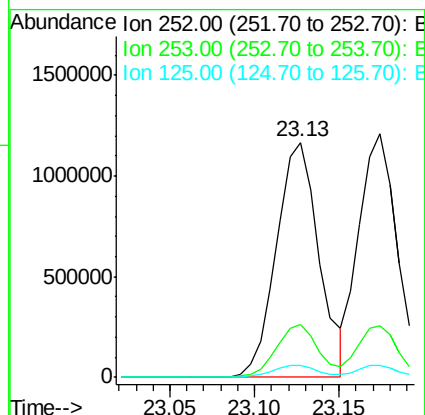
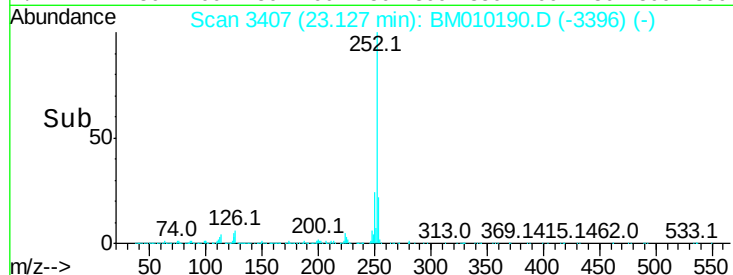
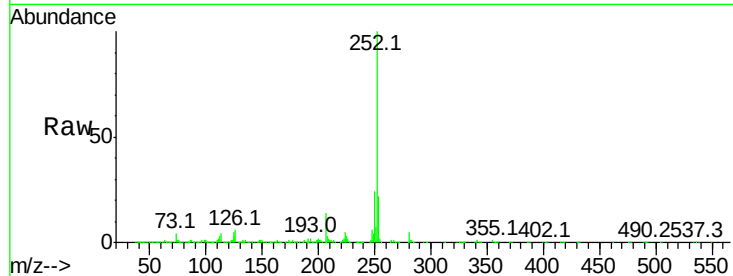




#87
Benzo(b)fluoranthene
Concen: 28.09 ng
RT: 23.13 min Scan# 3407
Delta R.T. -0.04 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

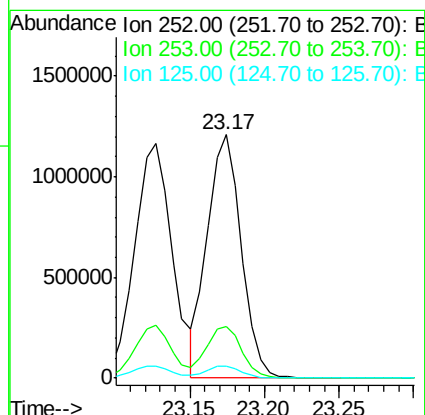
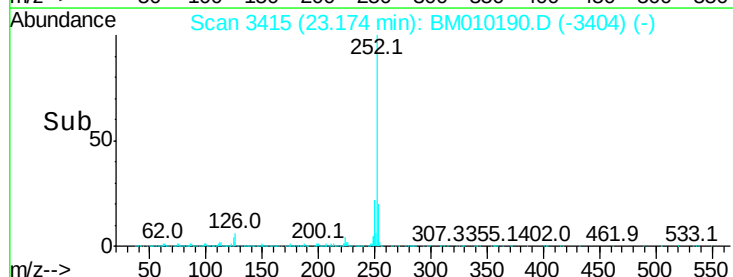
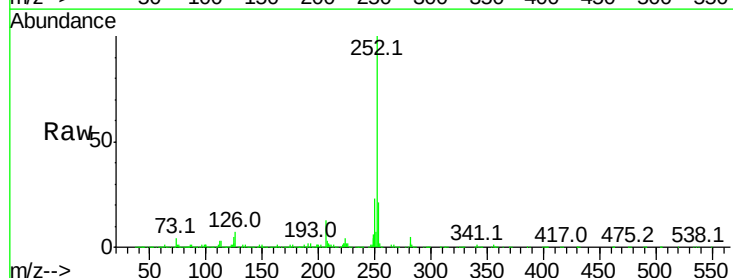
Instrument :
BNA_M
ClientSampleId :
DSK-SB1(5-10)MSD

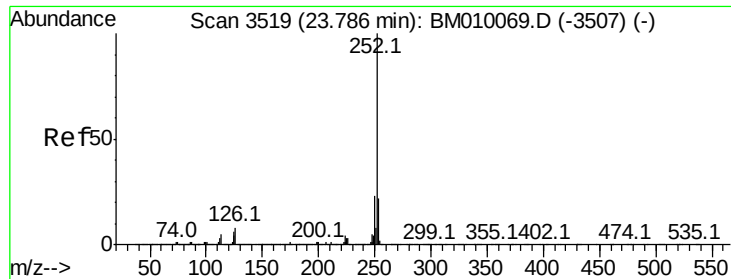
Tot Ion:252 Resp: 2032777
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 5.2 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 26.81 ng
RT: 23.17 min Scan# 3415
Delta R.T. -0.04 min
Lab File: BM010190.D
Acq: 24 May 2017 20:50

Tgt Ion:252 Resp: 1900808
Ion Ratio Lower Upper
252 100
253 21.0 17.2 25.8
125 4.7 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 27.88 ng

RT: 23.74 min Scan# 3512

Delta R.T. -0.04 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

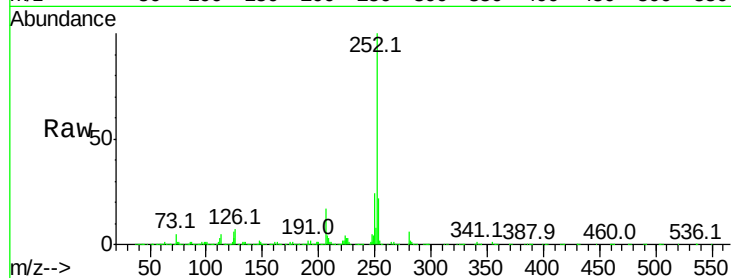
Tot Ion:252 Resp: 1922851

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	5.7	7.4	11.2#

252 100

253 22.1 17.6 26.4

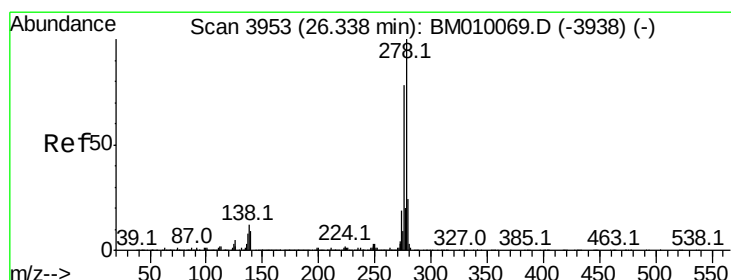
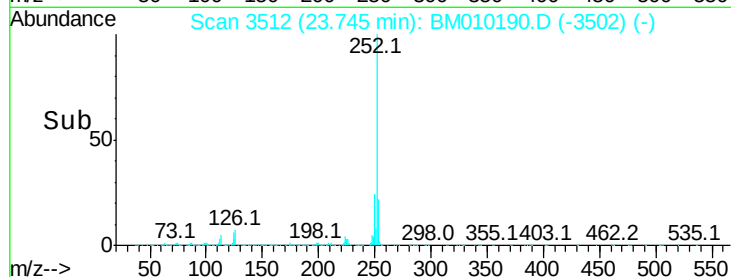
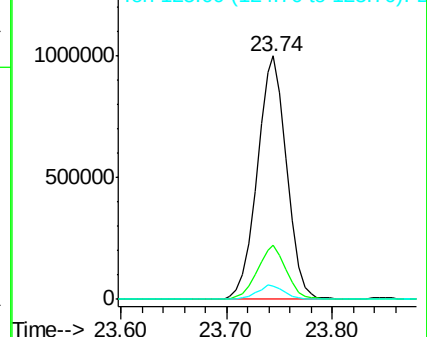
125 5.7 7.4 11.2#



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: 27.47 ng

RT: 26.27 min Scan# 3942

Delta R.T. -0.06 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

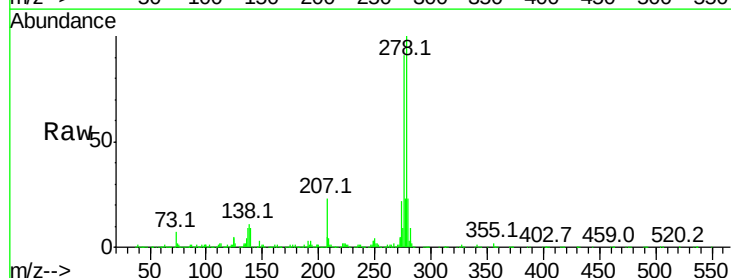
Tgt Ion:278 Resp: 2118293

Ion	Ratio	Lower	Upper
278	100		
139	9.0	13.4	20.0#
279	23.3	19.0	28.4

278 100

139 9.0 13.4 20.0#

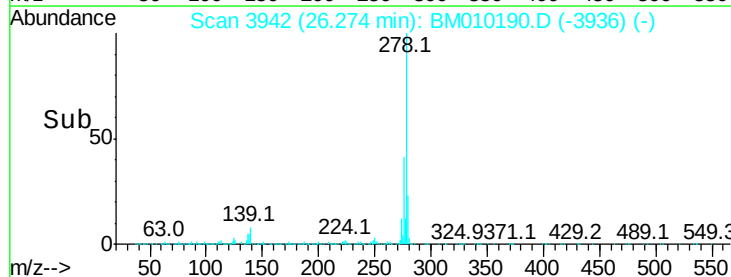
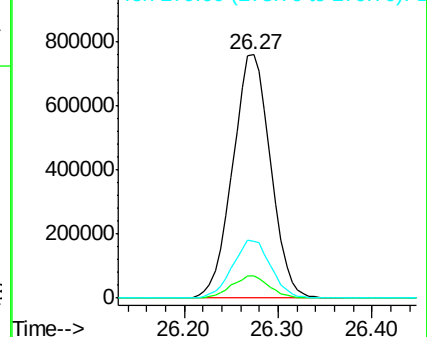
279 23.3 19.0 28.4

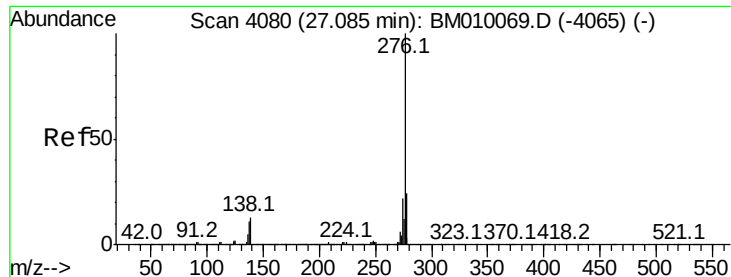


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 27.36 ng

RT: 27.01 min Scan# 4068

Delta R.T. -0.07 min

Lab File: BM010190.D

Acq: 24 May 2017 20:50

Instrument :

BNA_M

ClientSampleId :

DSK-SB1(5-10)MSD

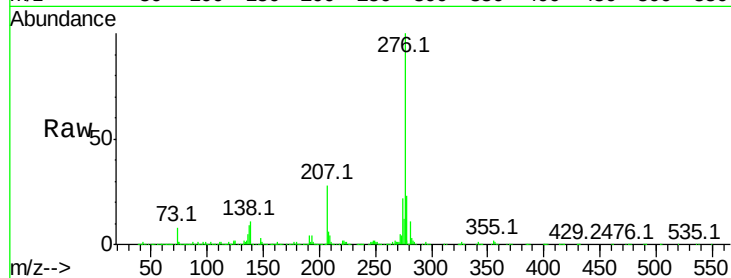
Tot Ion:276 Resp: 2066838

Ion Ratio Lower Upper

276 100

277 23.0 18.5 27.7

138 10.9 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

