

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024011.D
 Acq On : 17 Sep 2016 2:24
 Operator : UM/SJ
 Sample : H4790-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MS

Quant Time: Sep 17 04:43:58 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 16:24:09 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	45515	20.00	ng	-0.05
21) Naphthalene-d8	10.88	136	218850	20.00	ng	-0.05
38) Acenaphthene-d10	14.72	164	199559	20.00	ng	-0.04
63) Phenanthrene-d10	17.49	188	451796	20.00	ng	-0.03
75) Chrysene-d12	21.80	240	463446	20.00	ng	-0.04
86) Perylene-d12	25.15	264	466242	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	378849	146.13	ng	-0.04
7) Phenol-d6	7.23	99	535725	134.25	ng	-0.05
23) Nitrobenzene-d5	9.23	82	470704	96.02	ng	-0.05
41) 2,4,6-Tribromophenol	16.23	330	382217	106.31	ng	-0.03
44) 2-Fluorobiphenyl	13.34	172	988377	71.01	ng	-0.04
78) Terphenyl-d14	20.10	244	1682351	82.67	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	42812	40.04	ng	# 86
3) Pyridine	3.88	79	123403	38.40	ng	97
4) n-Nitrosodimethylamine	3.78	42	82753	48.86	ng	# 91
6) Aniline	7.38	93	94936	17.92	ng	98
8) 2-Chlorophenol	7.62	128	150555	50.13	ng	98
9) Benzaldehyde	7.19	77	19731	6.96	ng	91
10) Phenol	7.25	94	199112	47.43	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	156091	47.26	ng	91
12) 1,3-Dichlorobenzene	7.94	146	138312	39.35	ng	97
13) 1,4-Dichlorobenzene	8.09	146	147925	39.72	ng	97
14) 1,2-Dichlorobenzene	8.41	146	147115	42.09	ng	90
15) Benzyl Alcohol	8.30	79	215414	61.23	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	204056	46.09	ng	92
17) 2-Methylphenol	8.52	107	149966	53.02	ng	97
18) Hexachloroethane	9.14	117	61286	42.74	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	181954	51.61	ng	96
20) 3+4-Methylphenols	8.85	107	206728	52.45	ng	96
22) Acetophenone	8.89	105	253932	44.82	ng	# 99
24) Nitrobenzene	9.28	77	260572	49.43	ng	97
25) Isophorone	9.80	82	483940	50.91	ng	97
26) 2-Nitrophenol	10.00	139	95120	47.46	ng	93
27) 2,4-Dimethylphenol	10.05	122	174374	51.20	ng	88
28) bis(2-Chloroethoxy)methane	10.28	93	248043	51.68	ng	99
29) 2,4-Dichlorophenol	10.55	162	186729	51.75	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	177121	44.75	ng	97
31) Naphthalene	10.94	128	563422	49.96	ng	99
32) Benzoic acid	10.23	122	91784	33.18	ng	94
33) 4-Chloroaniline	11.08	127	27624	5.87	ng	91
34) Hexachlorobutadiene	11.21	225	127831	43.00	ng	95
35) Caprolactam	11.86	113	30737	24.17	ng	100
36) 4-Chloro-3-methylphenol	12.19	107	242082	50.21	ng	96
37) 2-Methylnaphthalene	12.55	142	408992	47.67	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	230394	34.78	ng	99
40) Hexachlorocyclopentadiene	12.89	237	273063	69.44	ng	99

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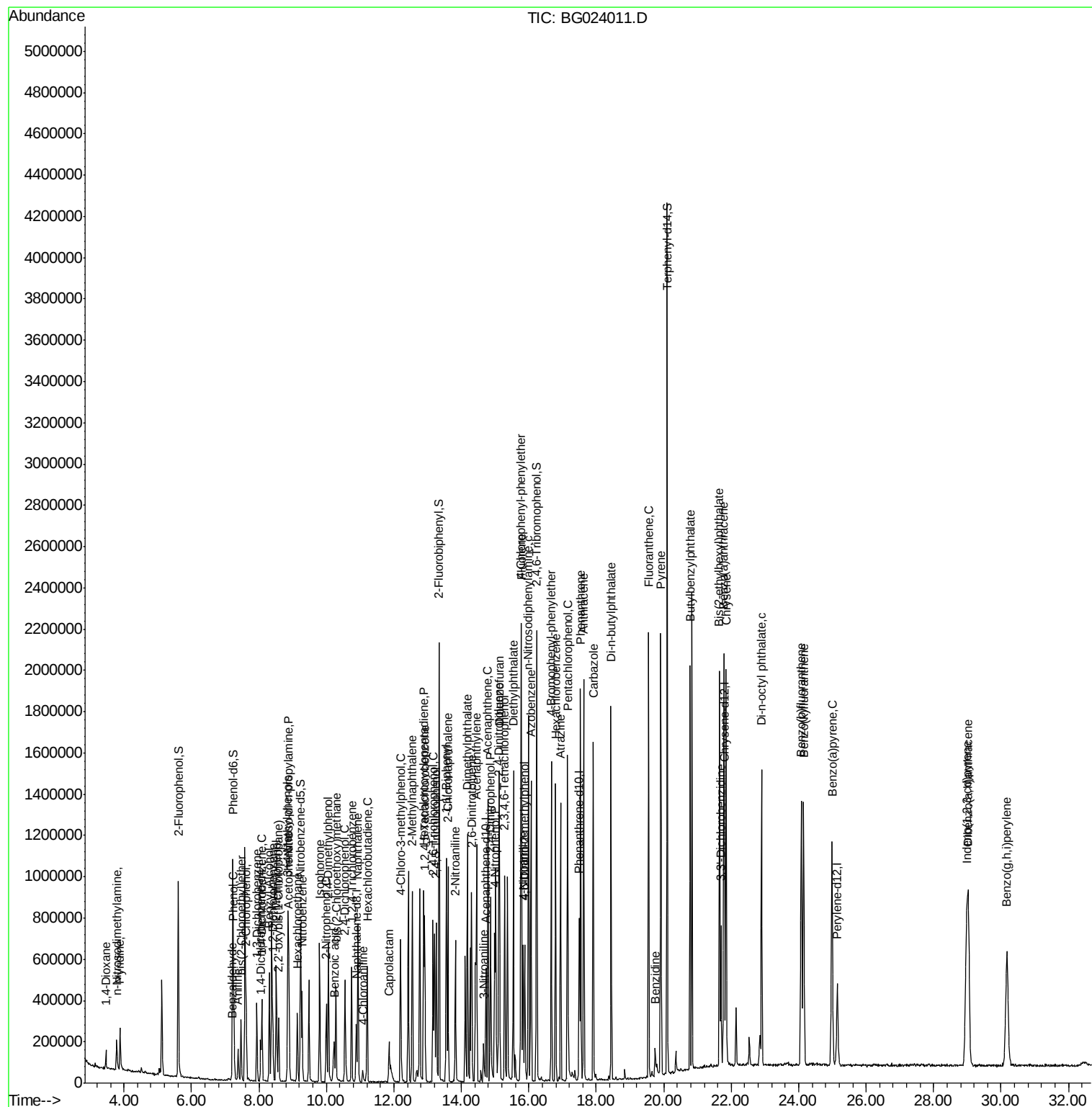
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	182250	41.23	nq	96
43) 2,4,5-Trichlorophenol	13.26	196	196624	44.00	nq	92
45) 1,1'-Biphenyl	13.56	154	539197	33.59	nq	100
46) 2-Chloronaphthalene	13.60	162	466579	39.59	nq	97
47) 2-Nitroaniline	13.83	65	225593	48.60	nq	97
48) Acenaphthylene	14.45	152	765703	38.98	nq	99
49) Dimethylphthalate	14.18	163	697444	40.76	nq	98
50) 2,6-Dinitrotoluene	14.31	165	150040	41.54	nq	99
51) Acenaphthene	14.80	154	484237	39.88	nq	98
52) 3-Nitroaniline	14.65	138	39410	11.66	nq	96
53) 2,4-Dinitrophenol	14.87	184	190820	72.89	nq	96
54) Dibenzofuran	15.13	168	810523	42.76	nq	100
55) 4-Nitrophenol	14.99	139	189741	70.58	nq	# 87
56) 2,4-Dinitrotoluene	15.11	165	228560	43.05	nq	93
57) Fluorene	15.78	166	668134	40.65	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	200485	44.20	nq	96
59) Diethylphthalate	15.54	149	743003	40.67	nq	99
60) 4-Chlorophenyl-phenylether	15.76	204	366577	41.43	nq	96
61) 4-Nitroaniline	15.83	138	128656	37.67	nq	96
62) Azobenzene	16.06	77	847583	47.91	nq	95
64) 4,6-Dinitro-2-methylphenol	15.88	198	138660	44.21	nq	88
65) n-Nitrosodiphenylamine	15.99	169	617089	48.09	nq	96
66) 4-Bromophenyl-phenylether	16.67	248	270700	49.25	nq	98
67) Hexachlorobenzene	16.79	284	282555	43.83	nq	98
68) Atrazine	16.94	200	255091	46.20	nq	97
69) Pentachlorophenol	17.15	266	289297	84.49	nq	96
70) Phenanthrene	17.54	178	1138156	48.43	nq	99
71) Anthracene	17.63	178	1163283	48.52	nq	99
72) Carbazole	17.91	167	995842	45.77	nq	98
73) Di-n-butylphthalate	18.44	149	1216034	46.85	nq	98
74) Fluoranthene	19.55	202	1313595	46.42	nq	95
76) Benzidine	19.75	184	135078	9.41	nq	95
77) Pyrene	19.91	202	1299342	45.59	nq	95
79) Butylbenzylphthalate	20.79	149	522725	47.57	nq	98
80) Benzo(a)anthracene	21.78	228	1272340	49.04	nq	96
81) 3,3'-Dichlorobenzidine	21.69	252	250549	24.16	nq	# 96
82) Chrysene	21.85	228	1178140	47.71	nq	99
83) Bis(2-ethylhexyl)phthalate	21.65	149	730711	48.57	nq	# 94
84) Di-n-octyl phthalate	22.90	149	1230206	49.86	nq	99
85) Indeno(1,2,3-cd)pyrene	28.98	276	1483080	54.24	nq	# 100
87) Benzo(b)fluoranthene	24.08	252	1307392	49.36	nq	# 99
88) Benzo(k)fluoranthene	24.15	252	1260123	47.98	nq	# 98
89) Benzo(a)pyrene	24.99	252	1261996	50.18	nq	# 97
90) Dibenzo(a,h)anthracene	29.03	278	1232149	49.81	nq	# 99
91) Benzo(g,h,i)perylene	30.17	276	1219615	51.27	nq	# 97

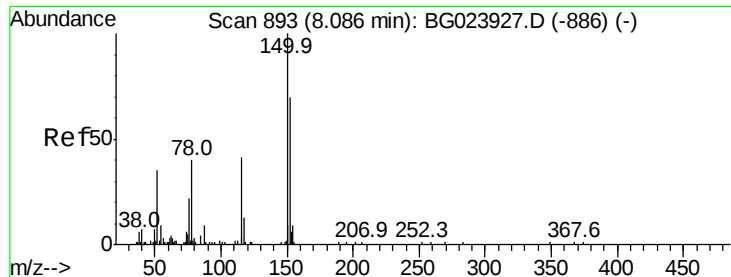
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 887

Delta R.T. -0.05 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MS

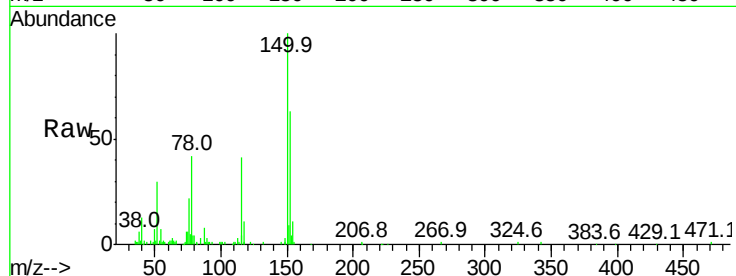
Tot Ion:152 Resp: 45515

Ion Ratio Lower Upper

152 100

150 157.6 144.7 217.1

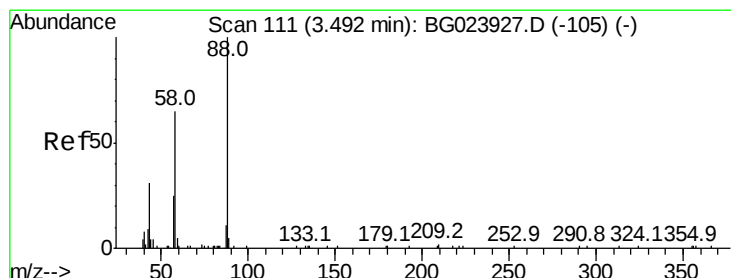
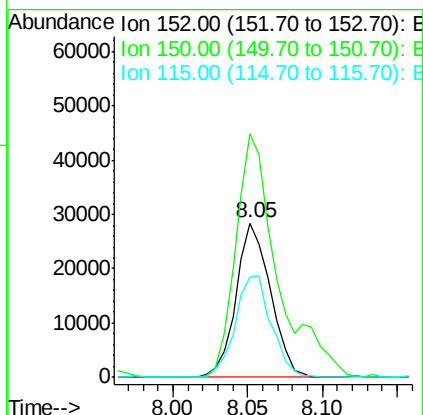
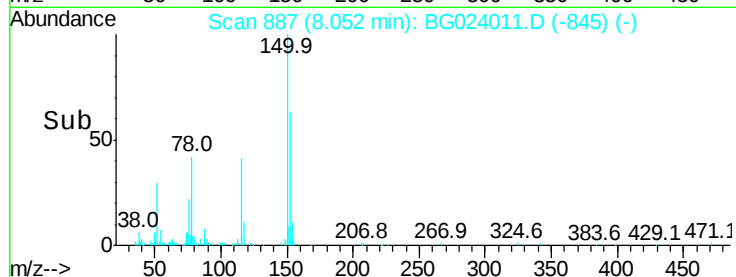
115 65.2 64.0 96.0



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: 40.04 ng

RT: 3.46 min Scan# 106

Delta R.T. -0.03 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

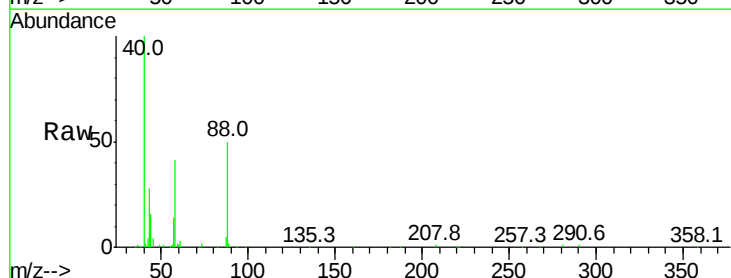
Tgt Ion: 88 Resp: 42812

Ion Ratio Lower Upper

88 100

58 80.0 60.4 90.6

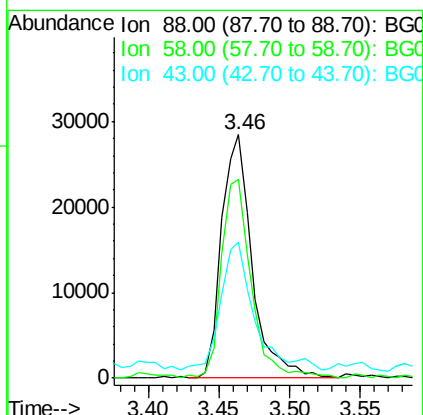
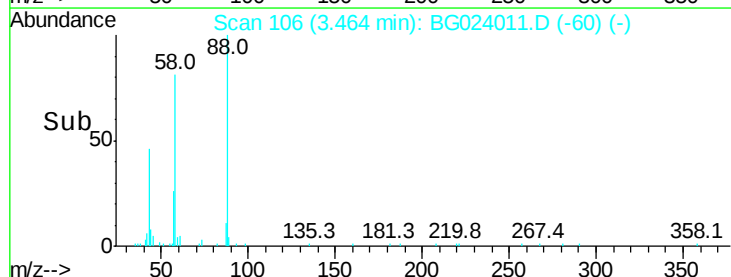
43 57.6 31.1 46.7#

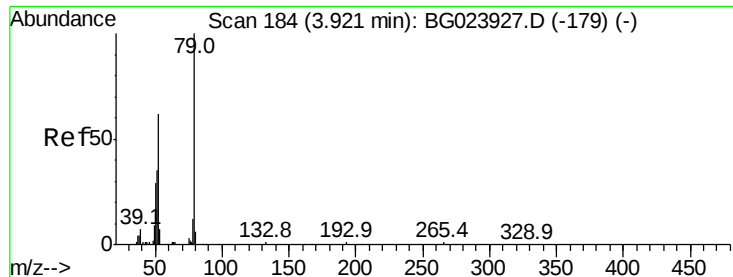


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.40 ng

RT: 3.88 min Scan# 177

Delta R.T. -0.03 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

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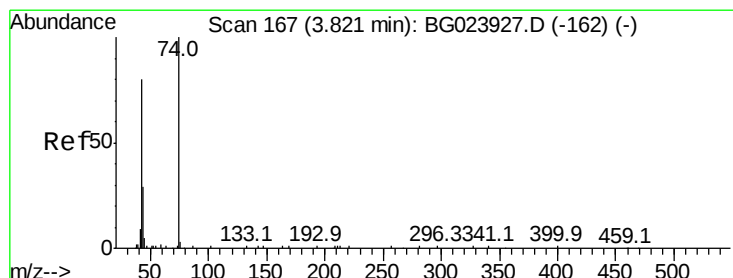
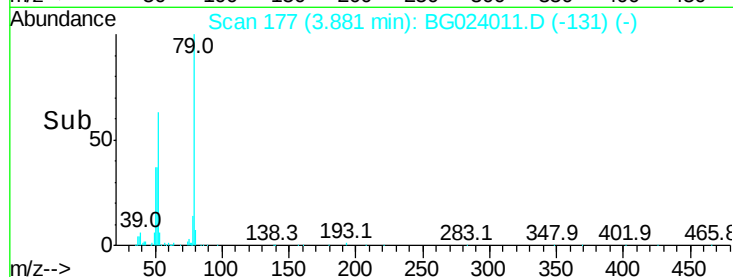
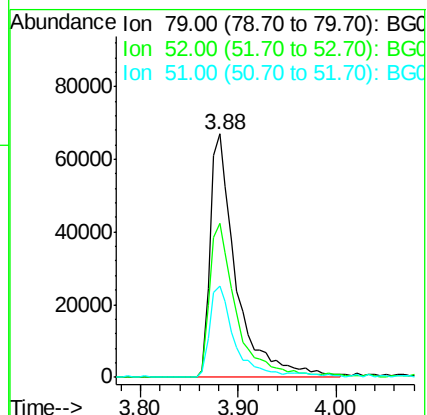
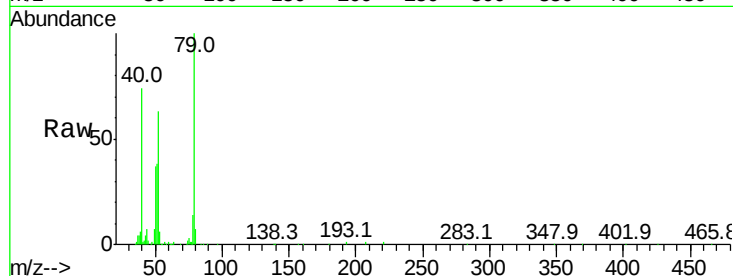
Tot Ion: 79 Resp: 123403

Ion Ratio Lower Upper

79 100

52 63.2 51.8 77.8

51 37.6 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 48.86 ng

RT: 3.78 min Scan# 160

Delta R.T. -0.04 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

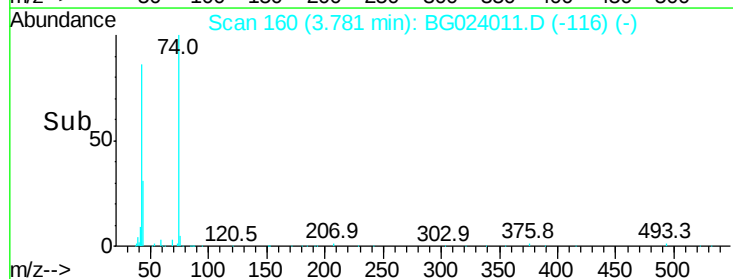
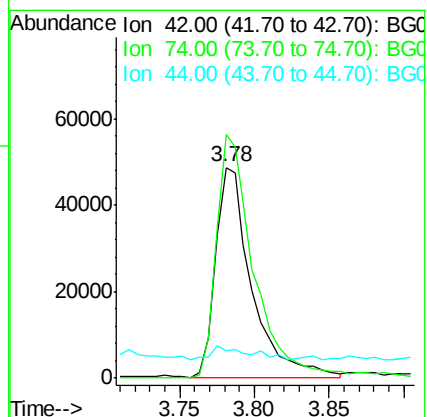
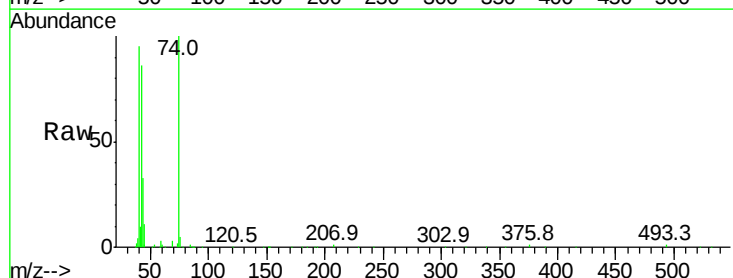
Tgt Ion: 42 Resp: 82753

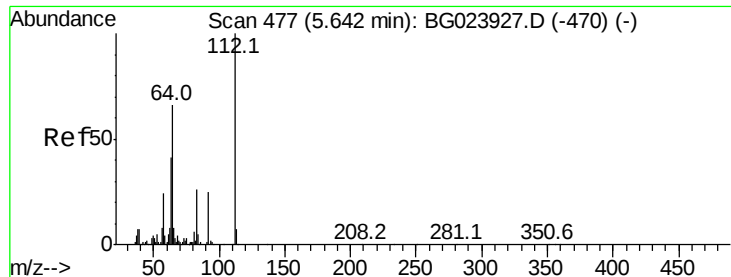
Ion Ratio Lower Upper

42 100

74 115.7 100.6 150.8

44 12.9 4.5 6.7#





#5

2-Fluorophenol

Concen: 146.13 ng

RT: 5.61 min Scan# 471

Delta R.T. -0.04 min

Lab File: BG024011.D

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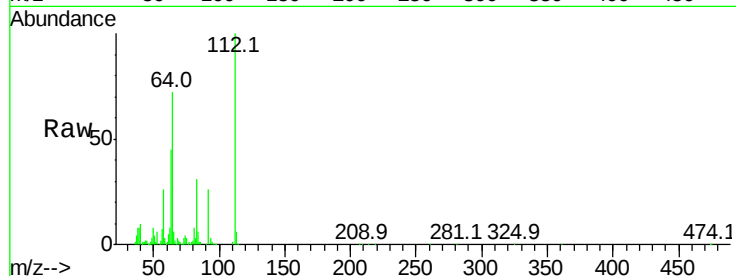
Tot Ion:112 Resp: 378849

Ion Ratio Lower Upper

112 100

64 71.6 59.0 88.4

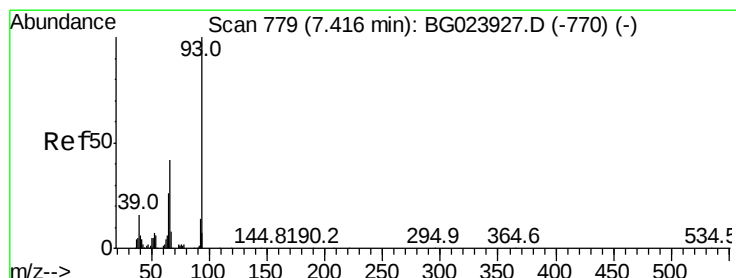
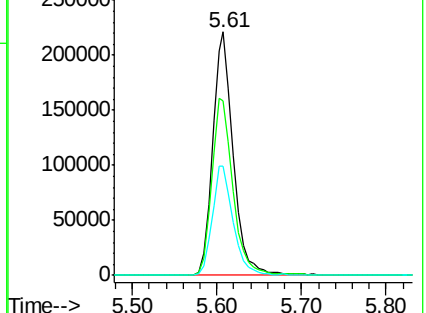
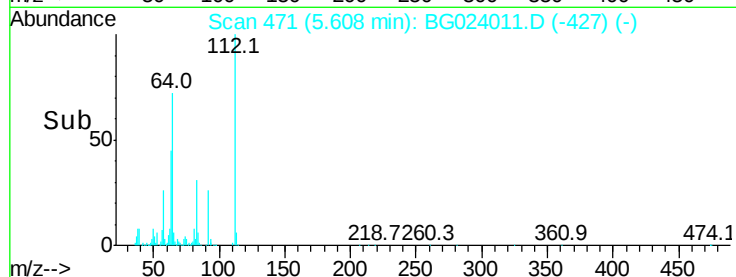
63 44.8 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.92 ng

RT: 7.38 min Scan# 773

Delta R.T. -0.05 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

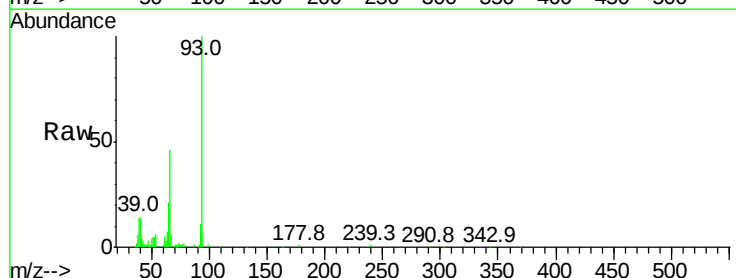
Tgt Ion: 93 Resp: 94936

Ion Ratio Lower Upper

93 100

66 45.7 37.5 56.3

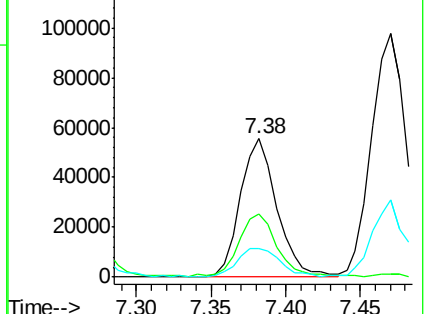
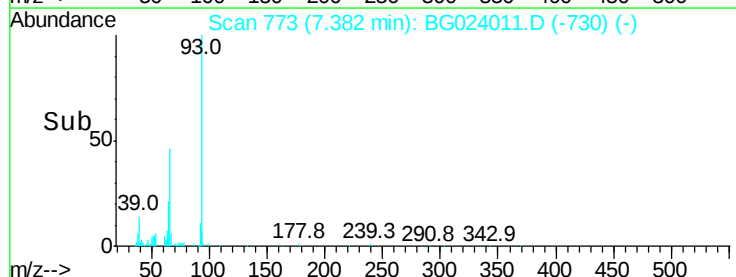
65 21.1 17.9 26.9

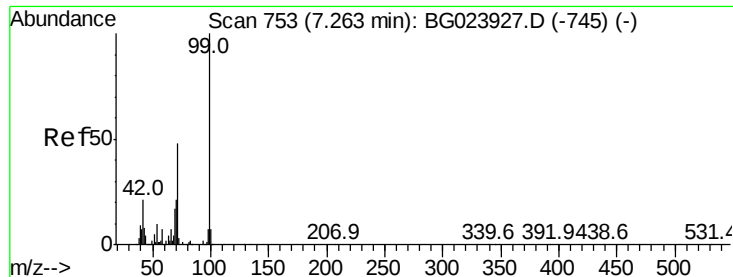


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.25 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.05 min

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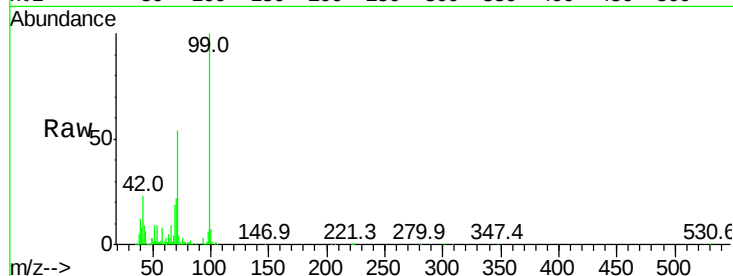
Tot Ion: 99 Resp: 535725

Ion Ratio Lower Upper

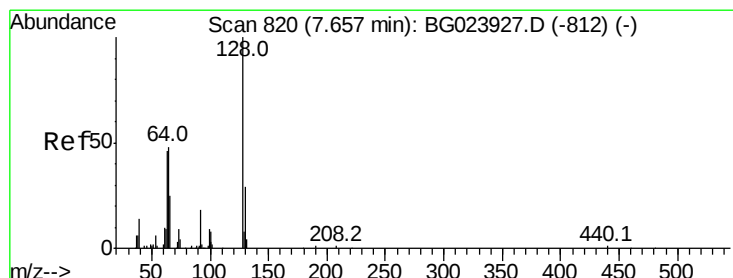
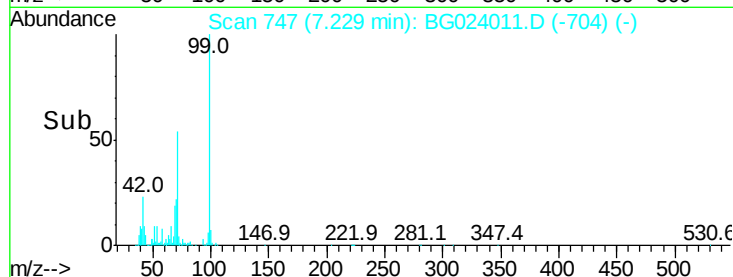
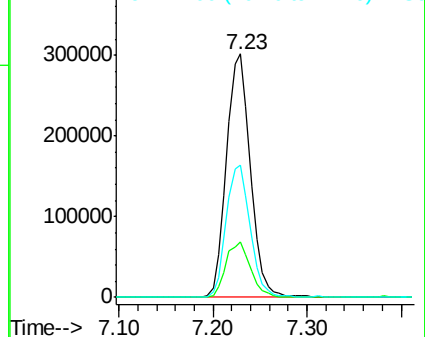
99 100

42 23.0 17.8 26.6

71 54.2 41.5 62.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 50.13 ng

RT: 7.62 min Scan# 814

Delta R.T. -0.05 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

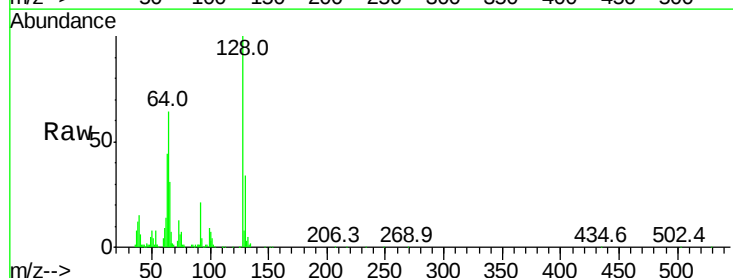
Tgt Ion: 128 Resp: 150555

Ion Ratio Lower Upper

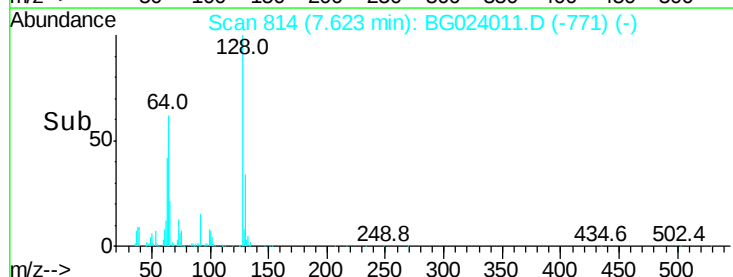
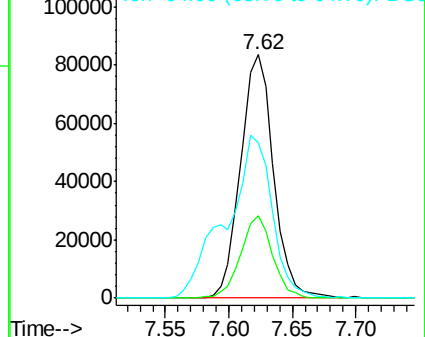
128 100

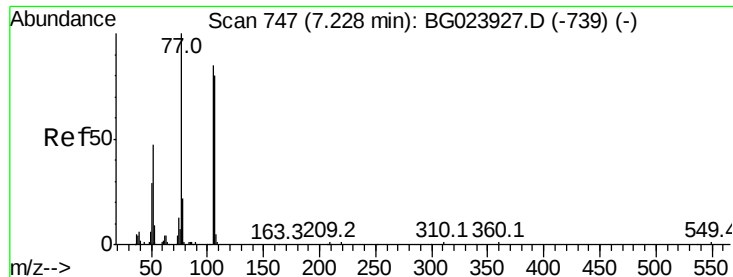
130 33.8 12.9 52.9

64 63.8 42.0 82.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 6.96 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.05 min

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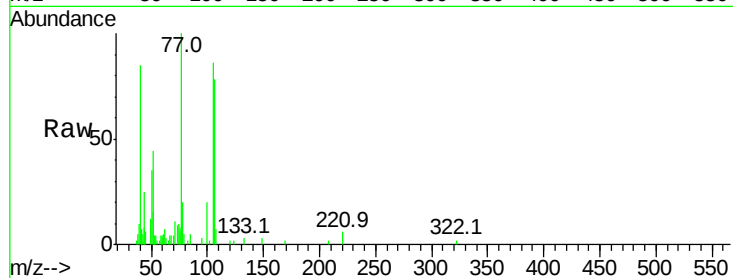
Tot Ion: 77 Resp: 19731

Ion Ratio Lower Upper

77 100

105 85.9 58.7 98.7

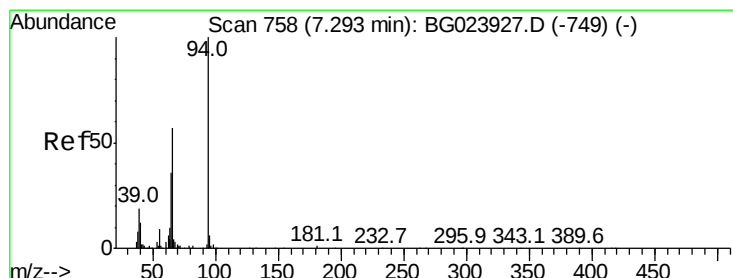
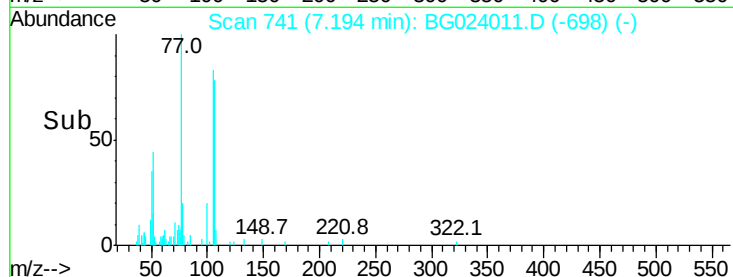
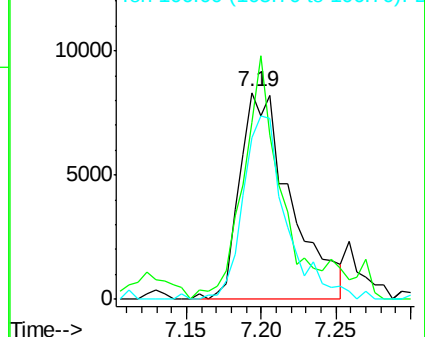
106 78.3 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.43 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.05 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

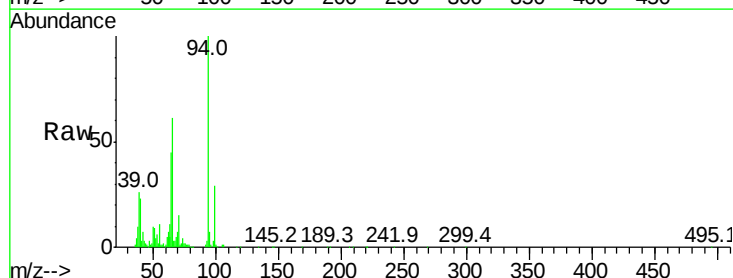
Tgt Ion: 94 Resp: 199112

Ion Ratio Lower Upper

94 100

65 44.8 18.1 58.1

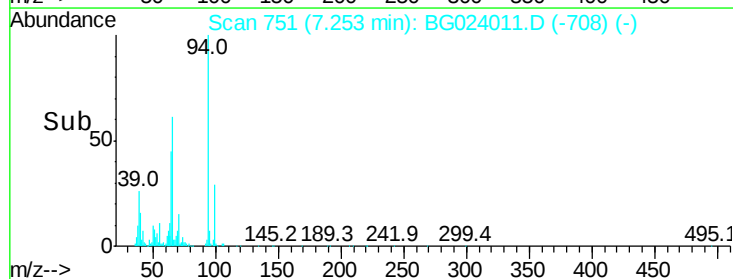
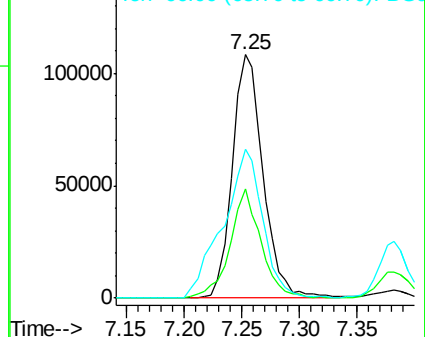
66 61.3 42.1 82.1

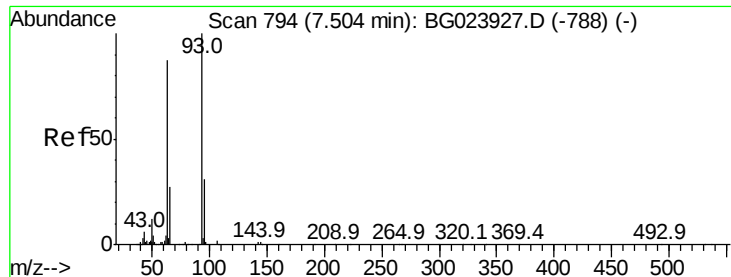


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

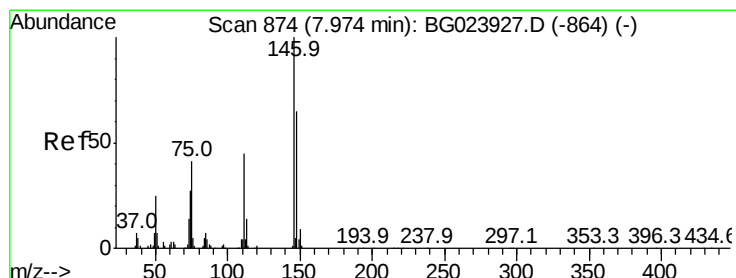
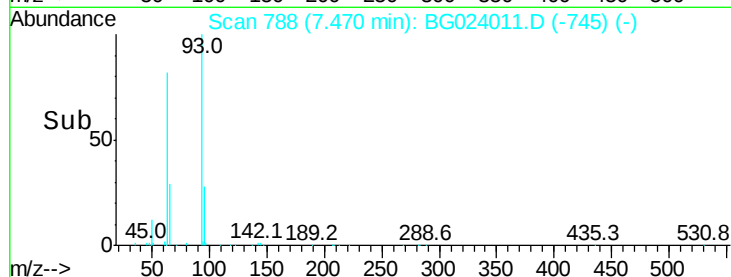
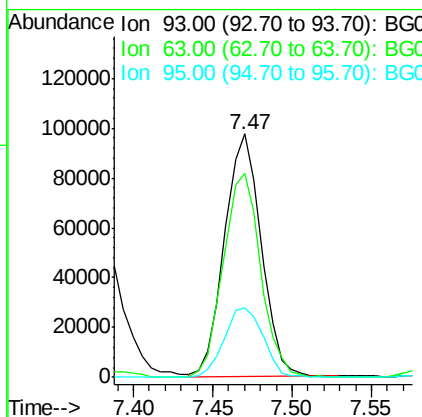
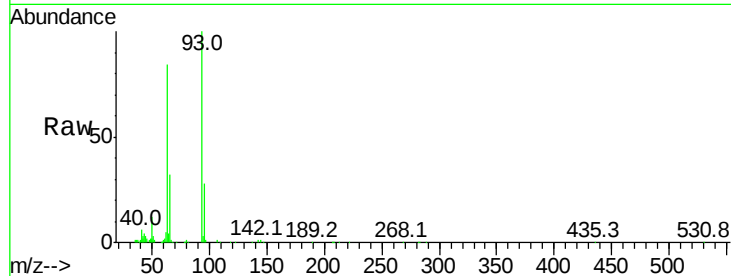




#11
bis(2-Chloroethyl)ether
Concen: 47.26 ng
RT: 7.47 min Scan# 788
Delta R.T. -0.05 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

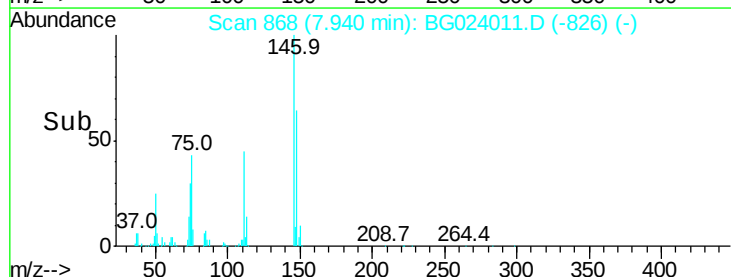
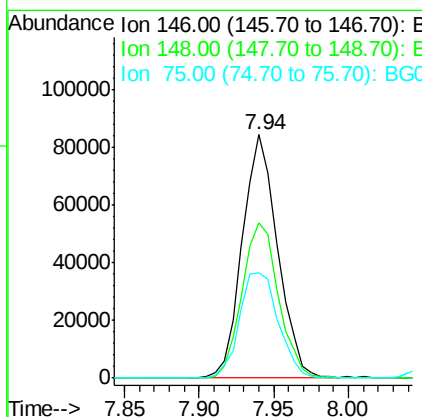
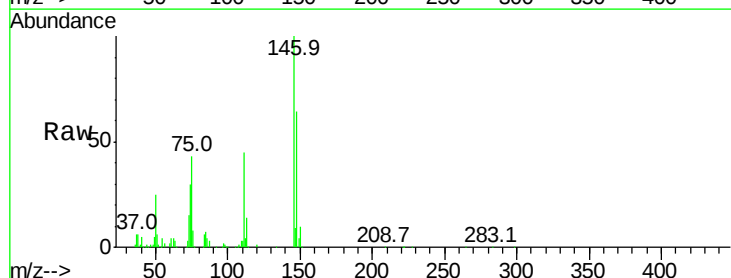
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MS

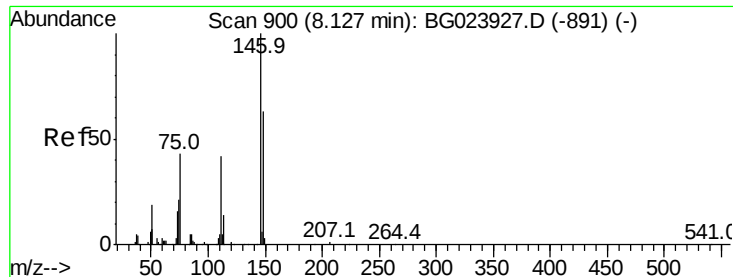
Tot Ion	Ratio	Lower	Upper
93	100		
63	84.0	55.0	95.0
95	28.5	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 39.35 ng
RT: 7.94 min Scan# 868
Delta R.T. -0.05 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.3	75.5
75	43.1	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 39.72 ng

RT: 8.09 min Scan# 893

Delta R.T. -0.05 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MS

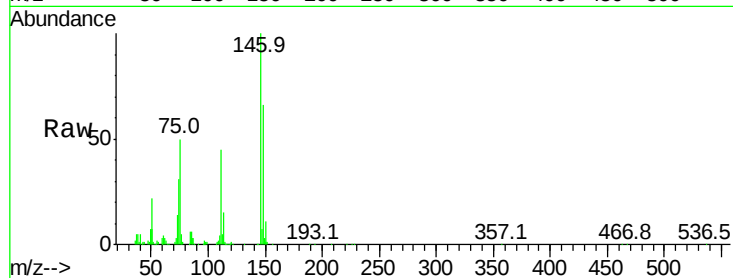
Tot Ion:146 Resp: 147925

Ion Ratio Lower Upper

146 100

148 66.2 54.5 81.7

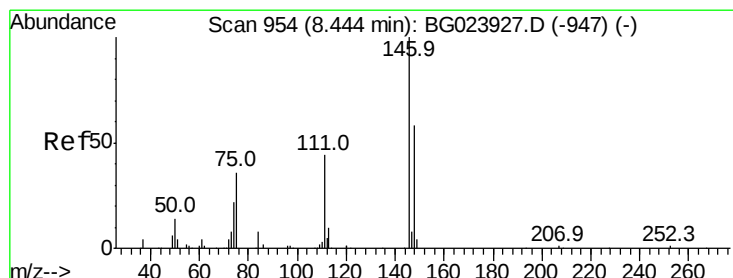
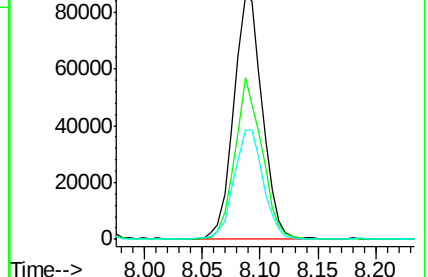
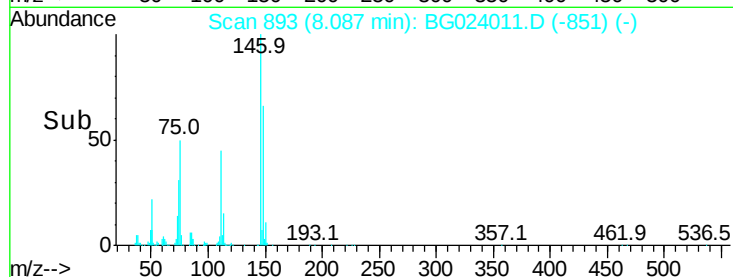
111 45.1 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.09 ng

RT: 8.41 min Scan# 948

Delta R.T. -0.05 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

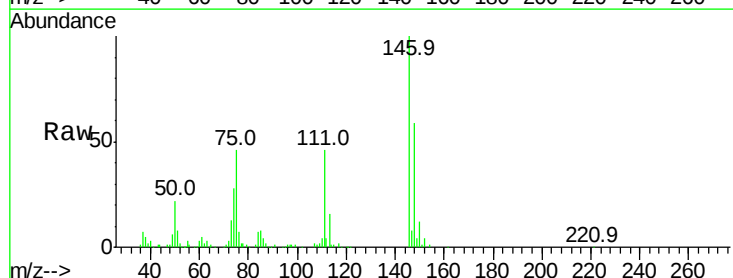
Tgt Ion:146 Resp: 147115

Ion Ratio Lower Upper

146 100

148 58.8 52.9 79.3

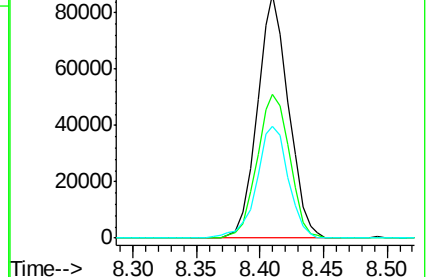
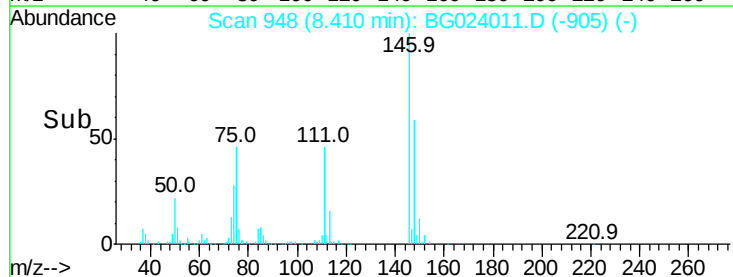
111 46.1 43.5 65.3

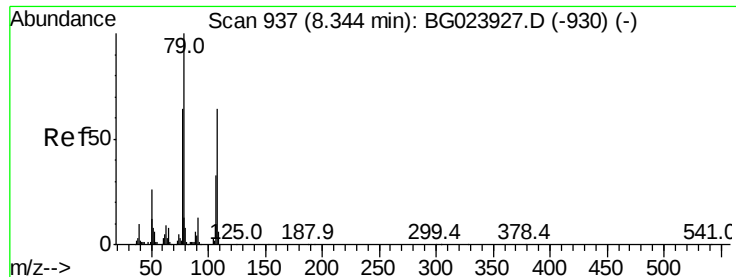


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 61.23 ng

RT: 8.30 min Scan# 930

Delta R.T. -0.05 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MS

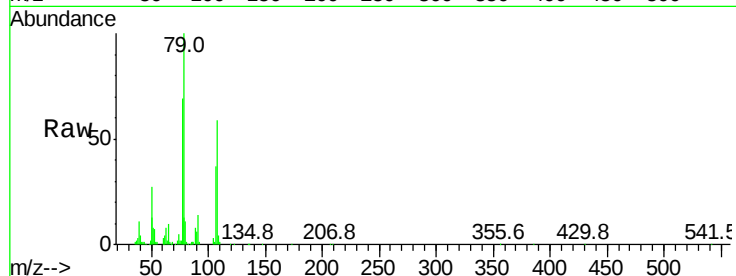
Tot Ion: 79 Resp: 215414

Ion Ratio Lower Upper

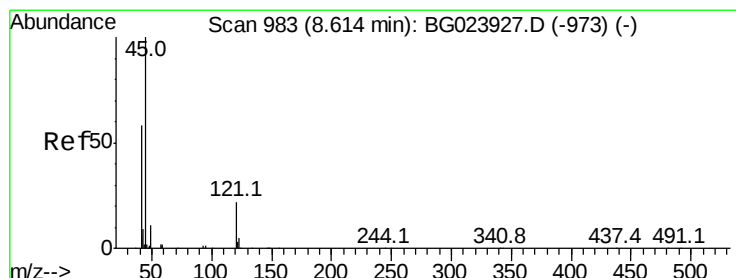
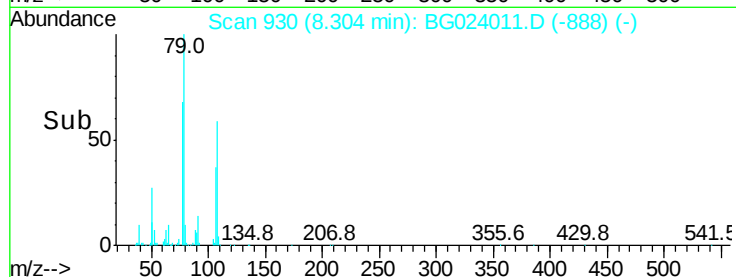
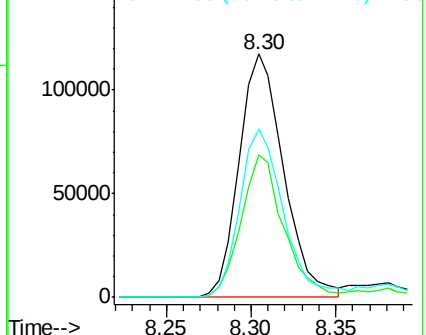
79 100

108 58.6 46.5 69.7

77 69.3 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.09 ng

RT: 8.59 min Scan# 978

Delta R.T. -0.05 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

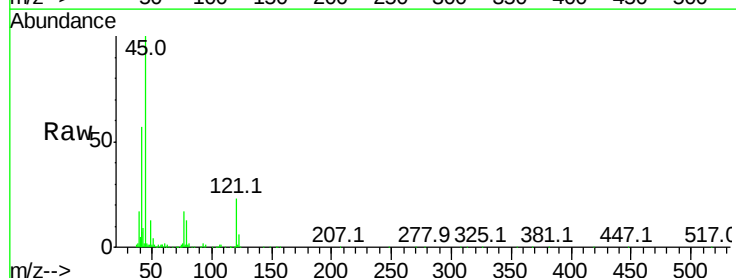
Tgt Ion: 45 Resp: 204056

Ion Ratio Lower Upper

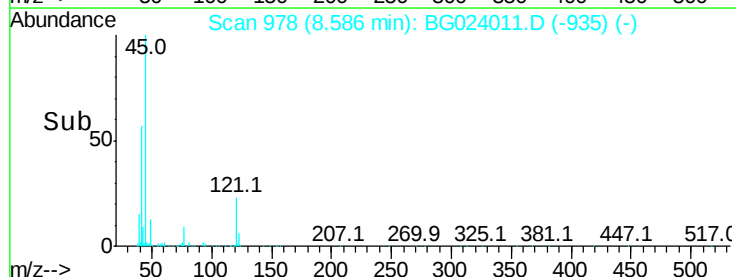
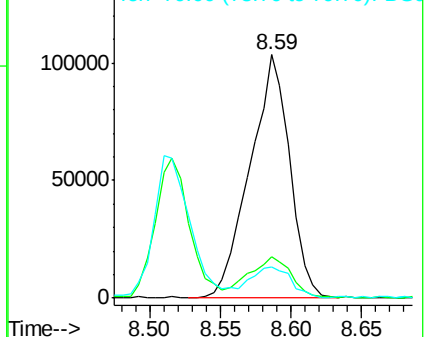
45 100

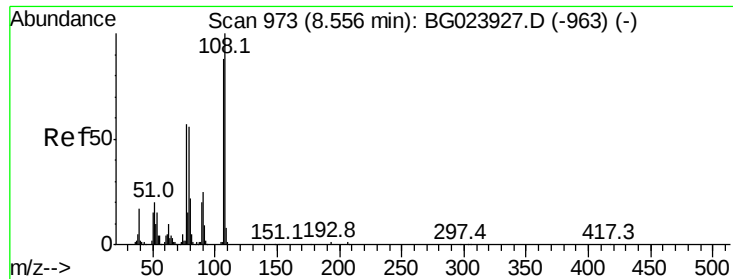
77 17.2 0.6 40.6

79 12.6 0.0 36.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 53.02 ng

RT: 8.52 min Scan# 966

Delta R.T. -0.05 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MS

Tot Ion:107 Resp: 149966

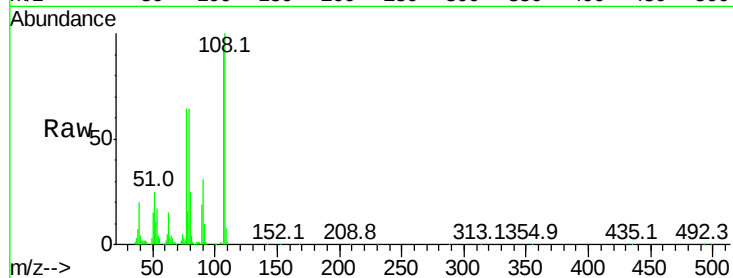
Ion Ratio Lower Upper

107 100

108 108.4 92.0 138.0

77 69.0 55.8 83.6

79 69.5 55.0 82.6

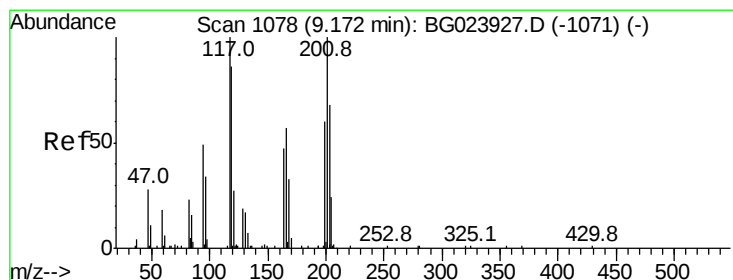
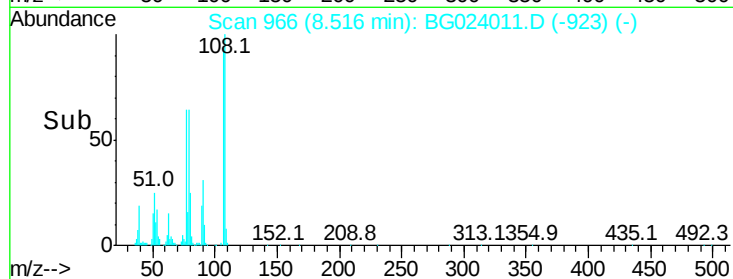
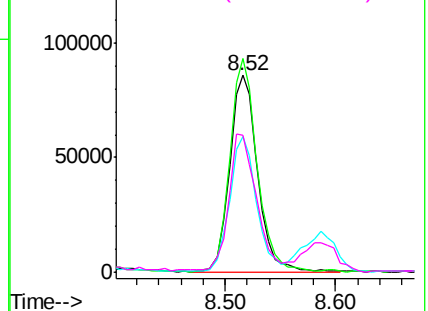


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.74 ng

RT: 9.14 min Scan# 1072

Delta R.T. -0.05 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

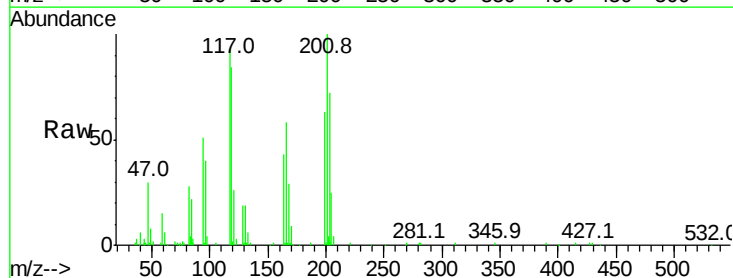
Tgt Ion:117 Resp: 61286

Ion Ratio Lower Upper

117 100

119 90.4 73.7 110.5

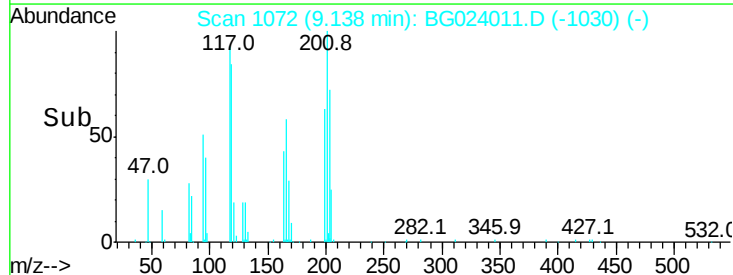
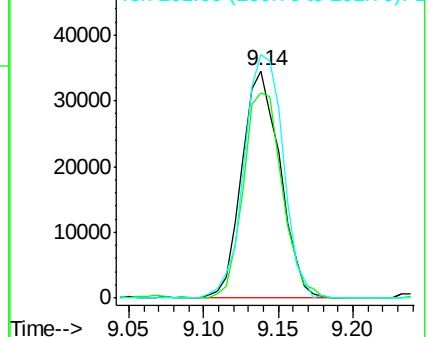
201 107.2 88.7 133.1

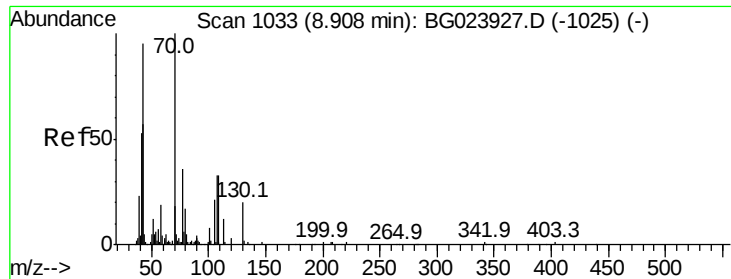


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

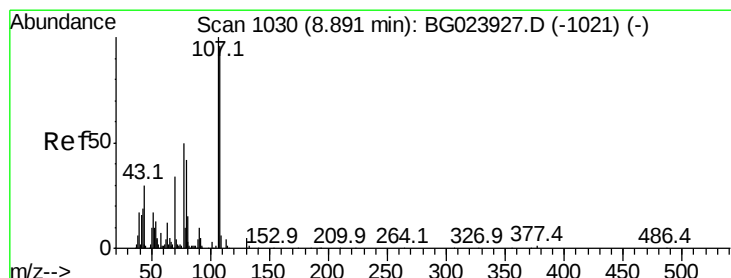
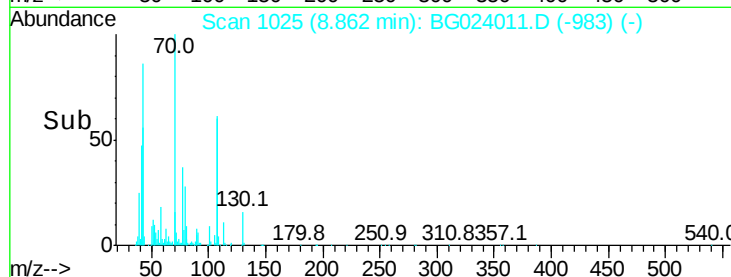
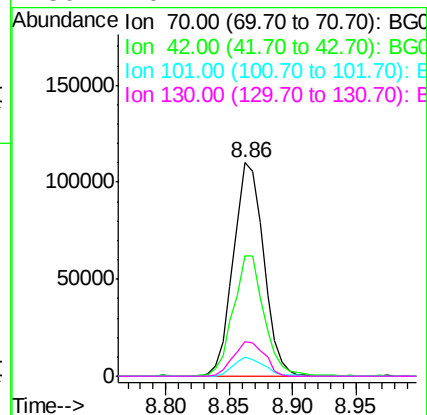
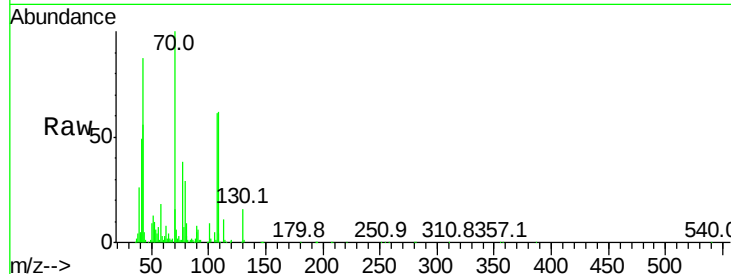




#19
n-Nitroso-di-n-propylamine
Concen: 51.61 ng
RT: 8.86 min Scan# 1025
Delta R.T. -0.05 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

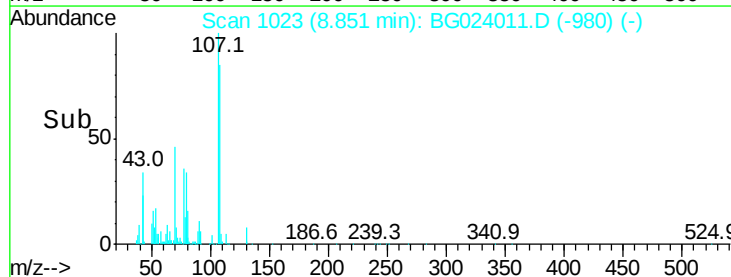
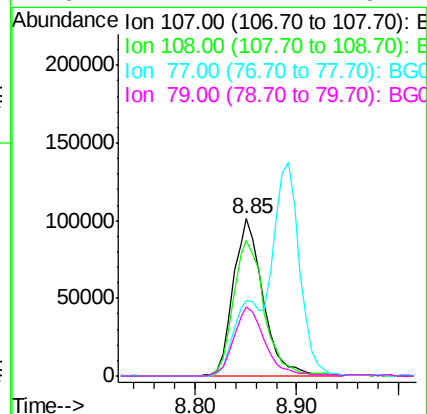
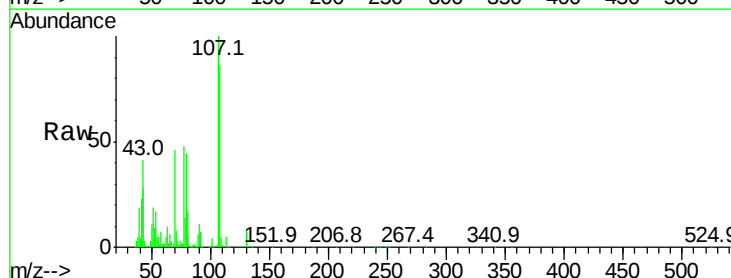
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MS

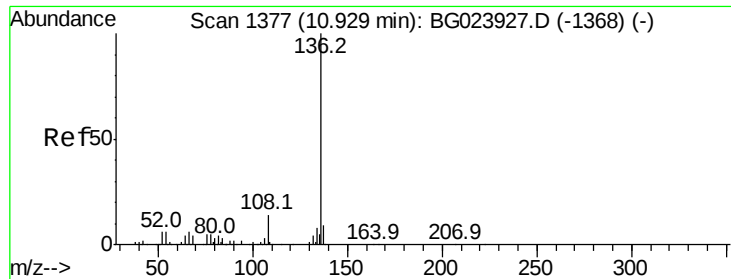
Tot Ion:	70	Resp:	181954
Ion	Ratio	Lower	Upper
70	100		
42	56.4	42.1	63.1
101	8.8	7.2	10.8
130	16.4	14.2	21.2



#20
3+4-Methylphenols
Concen: 52.45 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.05 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

Tgt Ion:	107	Resp:	206728
Ion	Ratio	Lower	Upper
107	100		
108	86.0	72.5	112.5
77	48.2	30.1	70.1
79	44.2	24.2	64.2

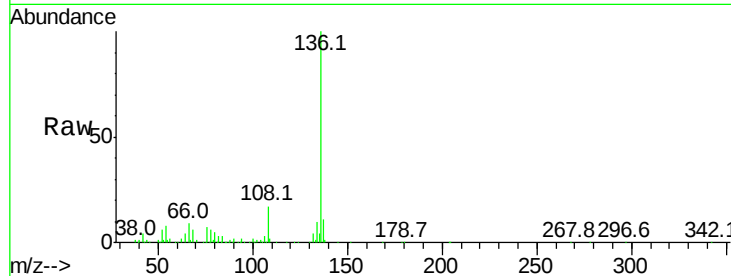




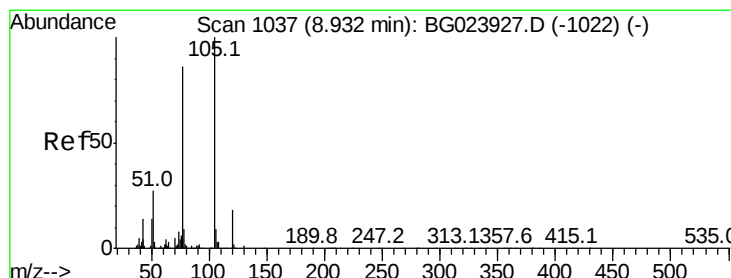
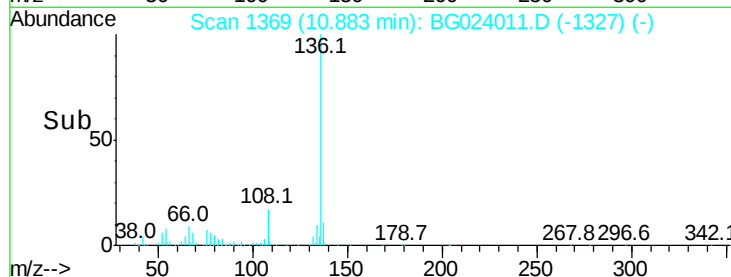
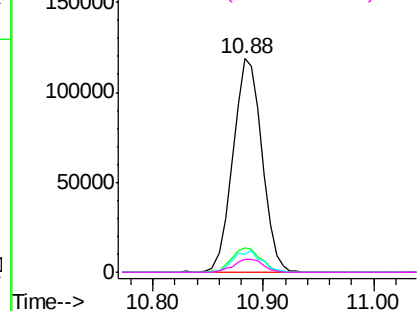
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1369
Delta R.T. -0.05 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MS

Tot Ion:	136	Resp:	218850
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	8.3	7.3	10.9
68	6.1	5.3	7.9

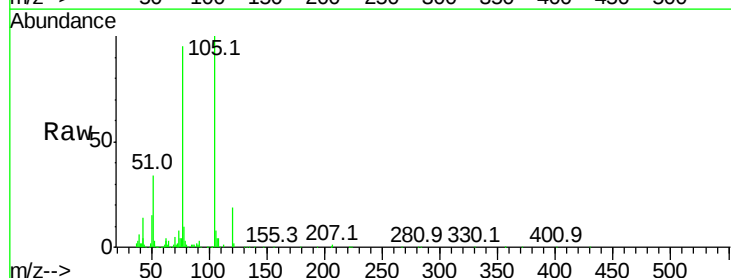


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

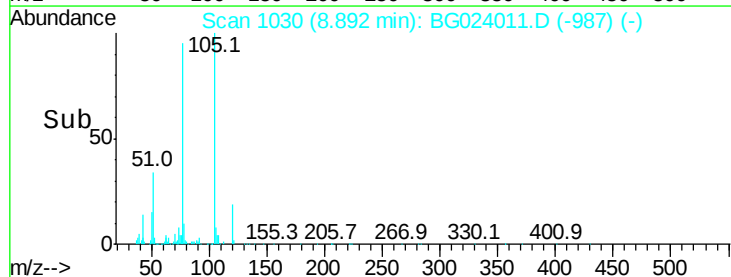
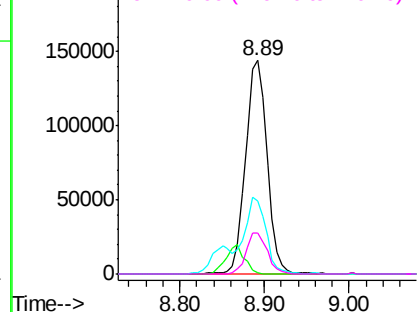


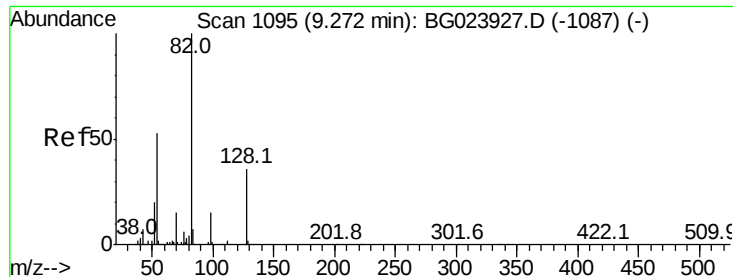
#22
Acetophenone
Concen: 44.82 ng
RT: 8.89 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

Tgt Ion:	105	Resp:	253932
Ion	Ratio	Lower	Upper
105	100		
71	0.8	2.6	3.8#
51	34.0	27.1	40.7
120	19.5	15.1	22.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

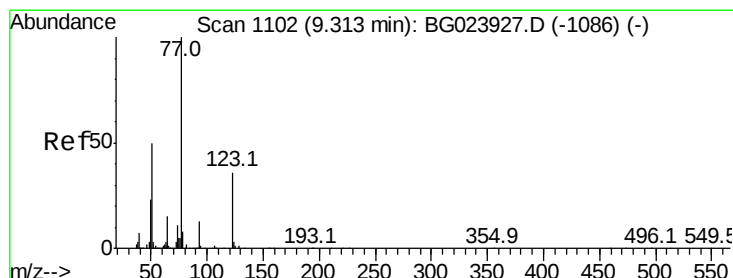
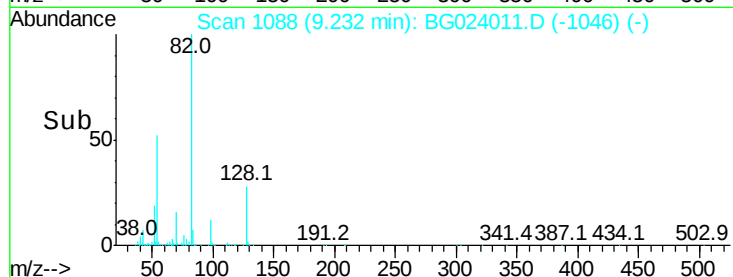
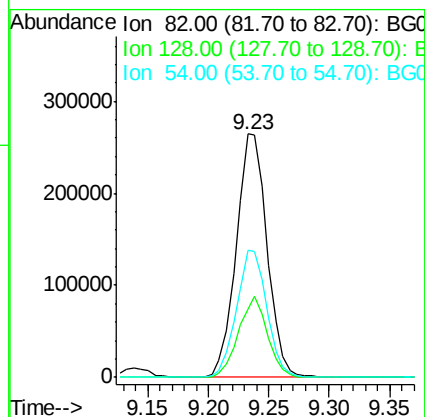
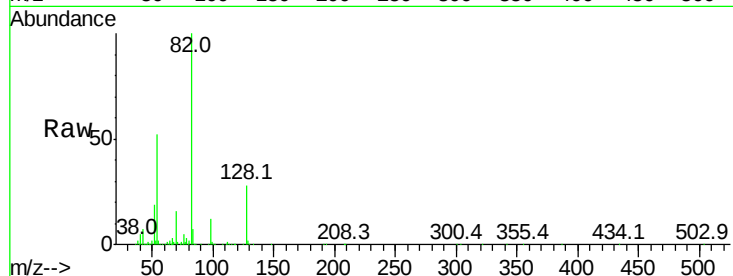




#23
 Nitrobenzene-d5
 Concen: 96.02 ng
 RT: 9.23 min Scan# 1088
 Delta R.T. -0.05 min
 Lab File: BG024011.D
 Acq: 17 Sep 2016 2:24

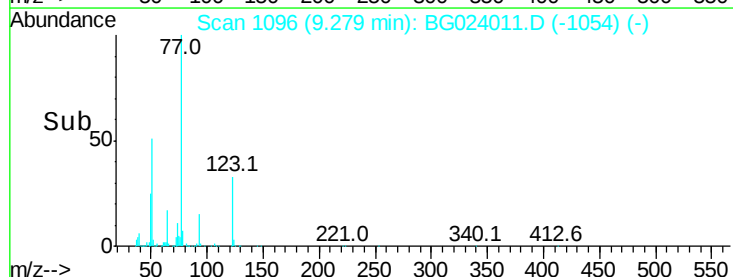
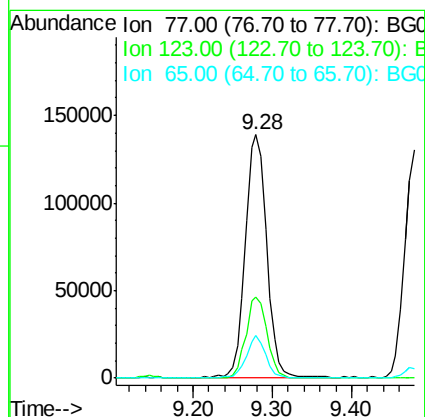
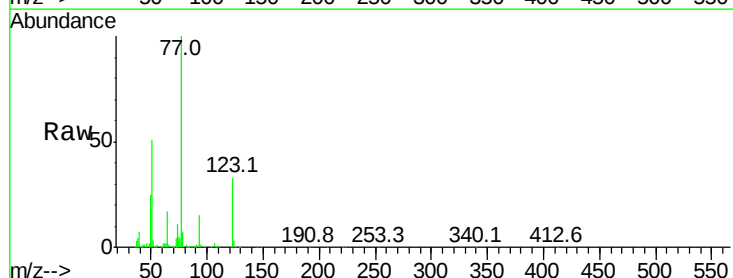
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MS

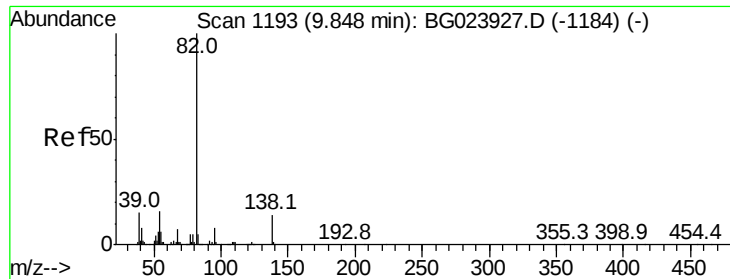
Tot Ion: 82 Resp: 470704
 Ion Ratio Lower Upper
 82 100
 128 28.3 24.4 36.6
 54 52.3 41.4 62.0



#24
 Nitrobenzene
 Concen: 49.43 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.05 min
 Lab File: BG024011.D
 Acq: 17 Sep 2016 2:24

Tgt Ion: 77 Resp: 260572
 Ion Ratio Lower Upper
 77 100
 123 33.1 25.0 37.6
 65 17.4 13.4 20.0





#25

Isophorone

Concen: 50.91 ng

RT: 9.80 min Scan# 1185

Delta R.T. -0.05 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MS

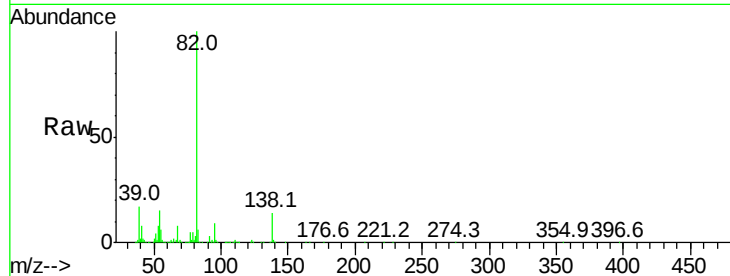
Tot Ion: 82 Resp: 483940

Ion Ratio Lower Upper

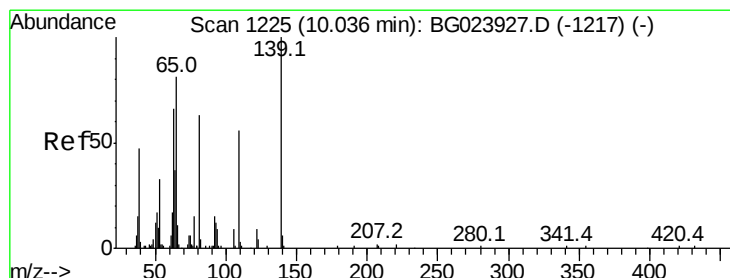
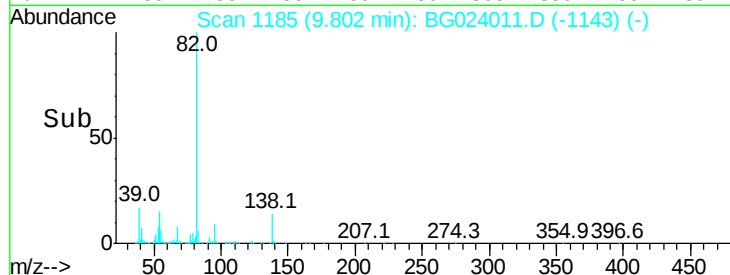
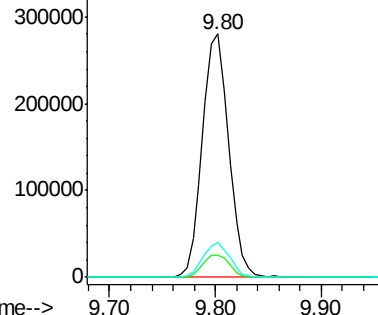
82 100

95 8.9 8.2 12.2

138 14.3 10.7 16.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 47.46 ng

RT: 10.00 min Scan# 1218

Delta R.T. -0.05 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

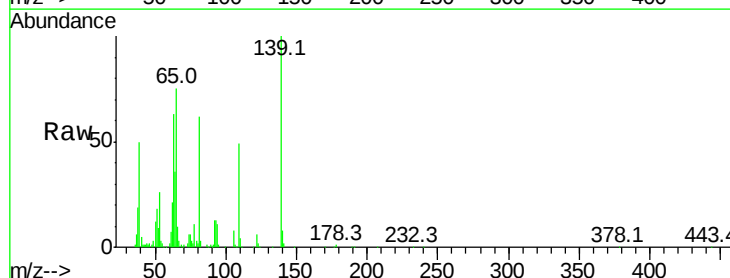
Tgt Ion: 139 Resp: 95120

Ion Ratio Lower Upper

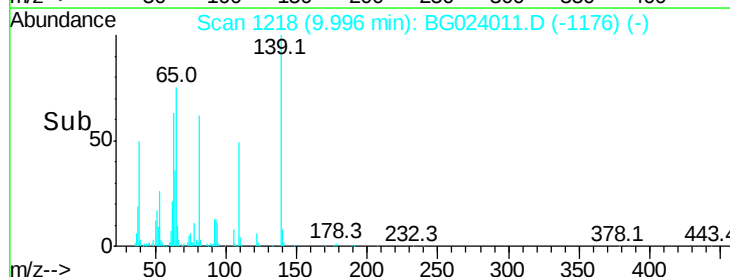
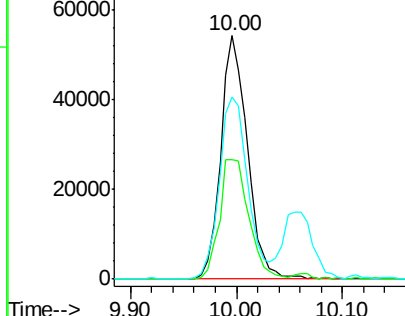
139 100

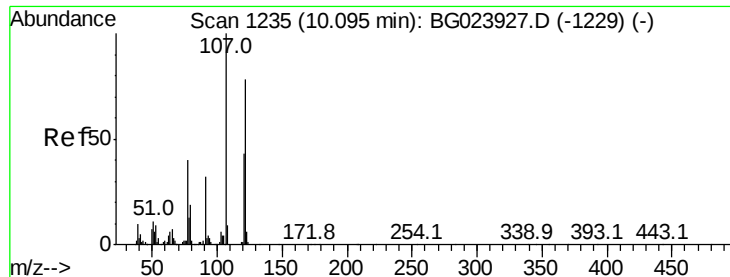
109 48.9 43.5 65.3

65 74.6 64.3 96.5



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

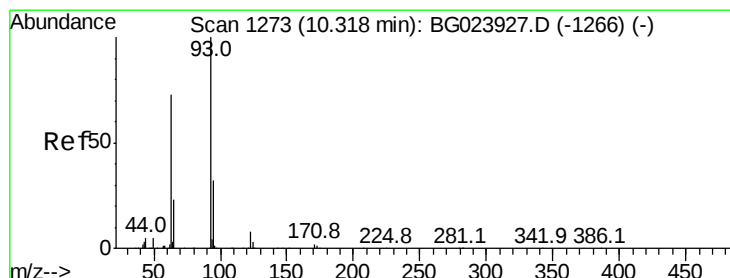
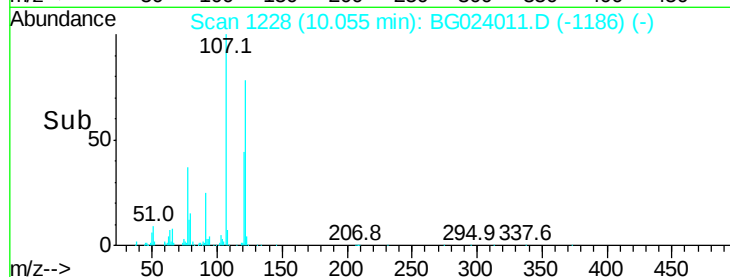
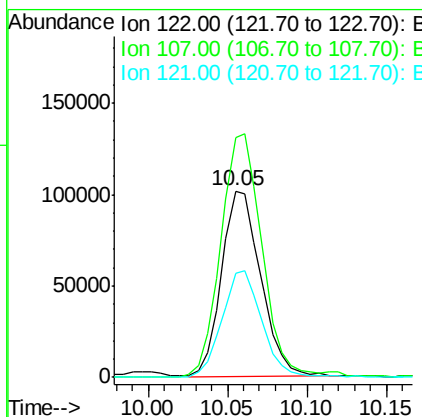
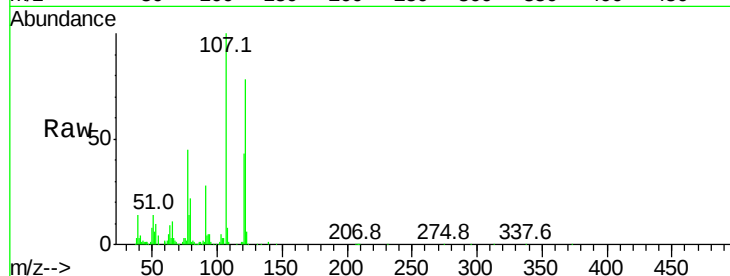




#27
2,4-Dimethylphenol
Concen: 51.20 ng
RT: 10.05 min Scan# 1228
Delta R.T. -0.05 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

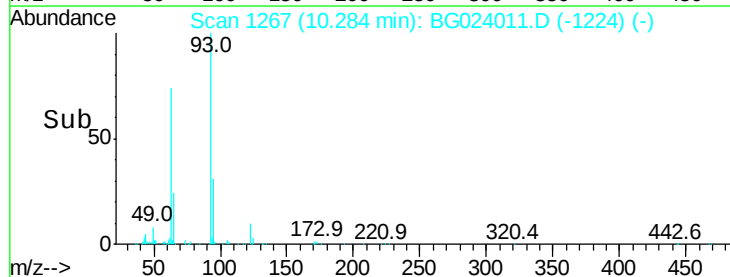
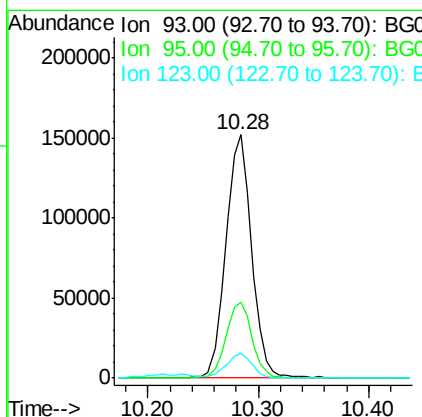
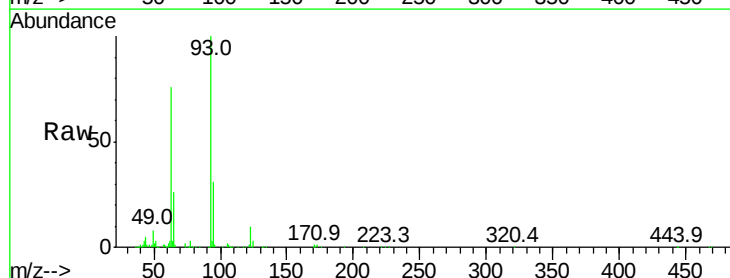
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MS

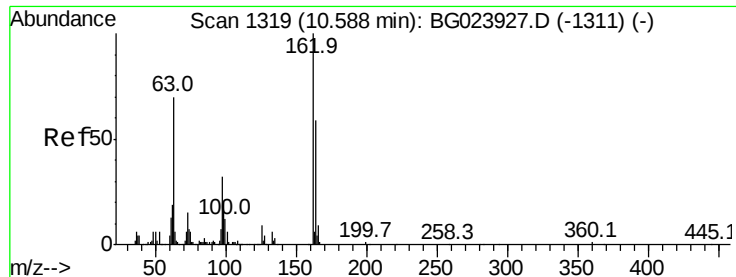
Tot Ion:122 Resp: 174374
Ion Ratio Lower Upper
122 100
107 129.0 117.0 175.4
121 56.1 50.1 75.1



#28
bis(2-Chloroethoxy)methane
Concen: 51.68 ng
RT: 10.28 min Scan# 1267
Delta R.T. -0.05 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

Tgt Ion: 93 Resp: 248043
Ion Ratio Lower Upper
93 100
95 30.9 25.4 38.2
123 10.2 8.2 12.2

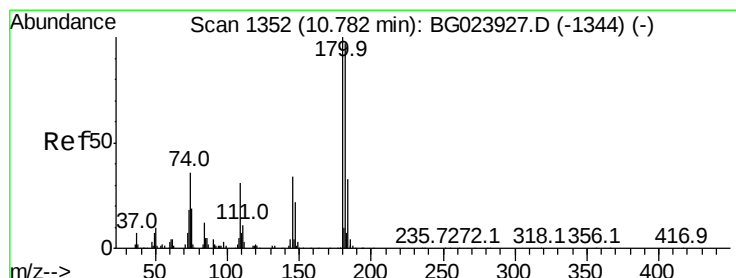
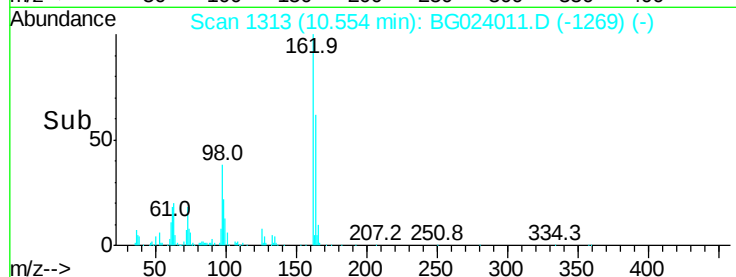
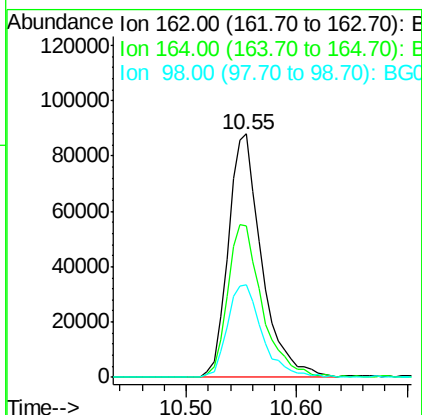
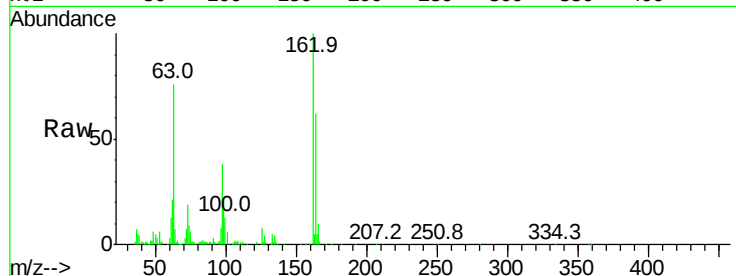




#29
2,4-Dichlorophenol
Concen: 51.75 ng
RT: 10.55 min Scan# 1313
Delta R.T. -0.04 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

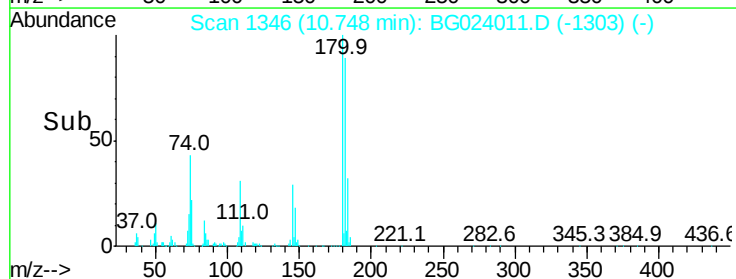
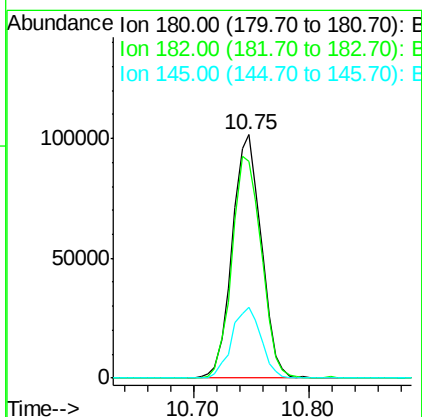
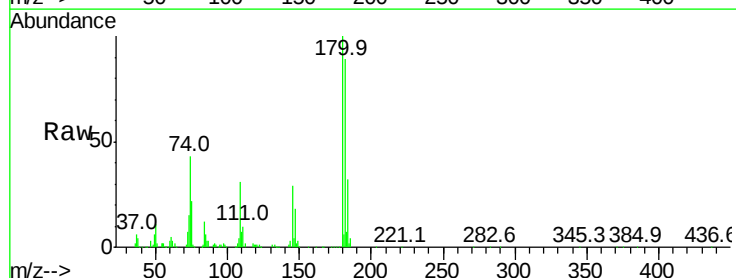
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MS

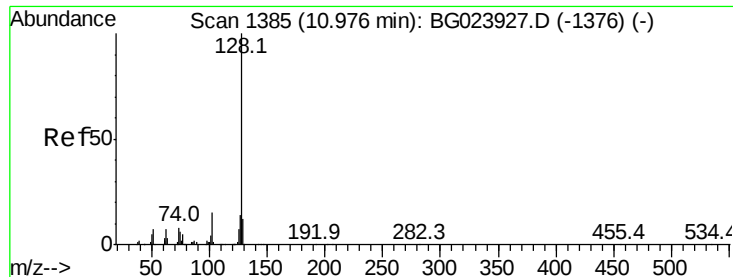
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	44.3	84.3
98	37.8	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 44.75 ng
RT: 10.75 min Scan# 1346
Delta R.T. -0.05 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.9	73.8	110.8
145	28.8	24.4	36.6





#31

Naphthalene

Concen: 49.96 ng

RT: 10.94 min Scan# 1378

Delta R.T. -0.05 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MS

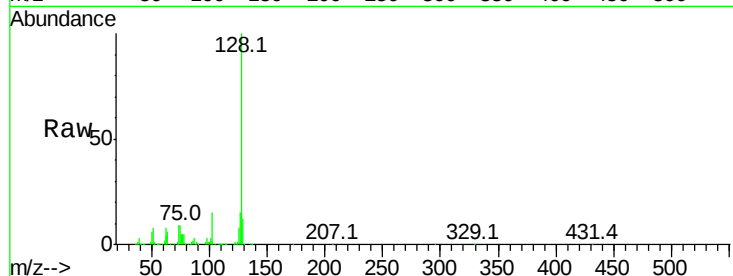
Tot Ion:128 Resp: 563422

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

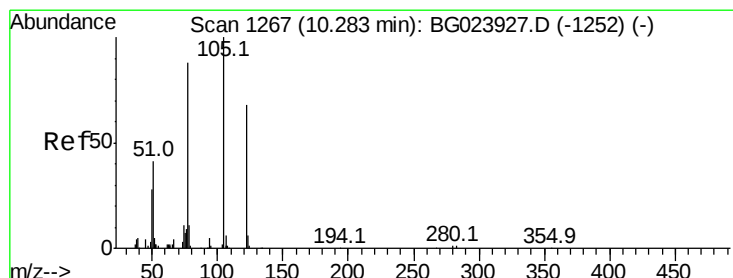
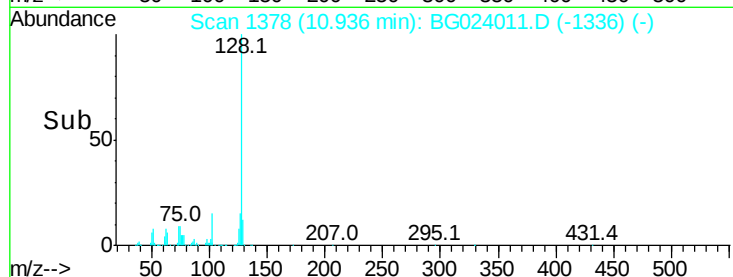
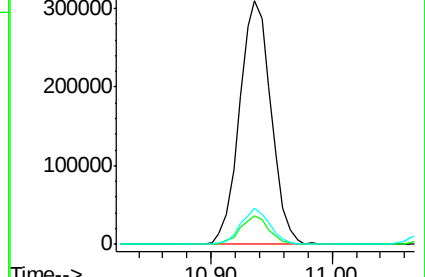
127 14.7 11.3 16.9



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: 33.18 ng

RT: 10.23 min Scan# 1258

Delta R.T. -0.06 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

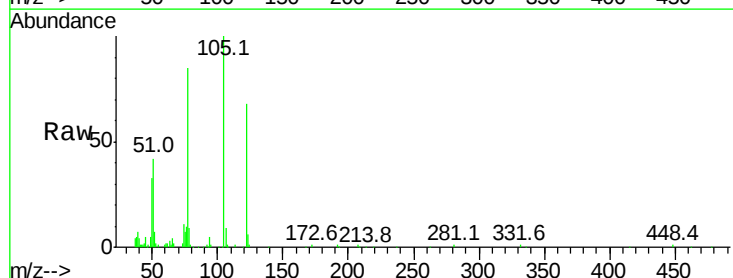
Tgt Ion:122 Resp: 91784

Ion Ratio Lower Upper

122 100

105 147.7 117.2 157.2

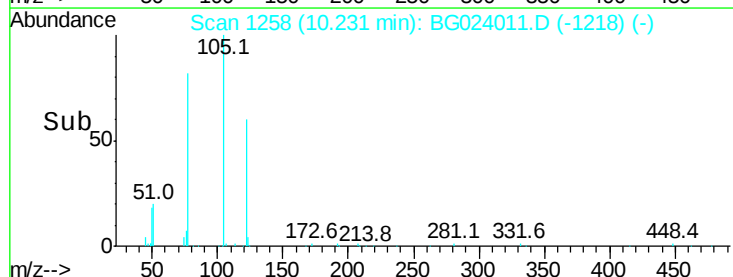
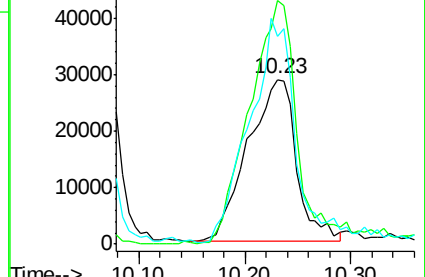
77 125.6 109.2 149.2

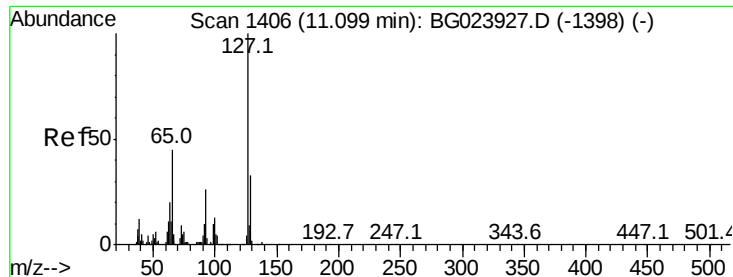


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





#33

4-Chloroaniline

Concen: 5.87 ng

RT: 11.08 min Scan# 1403

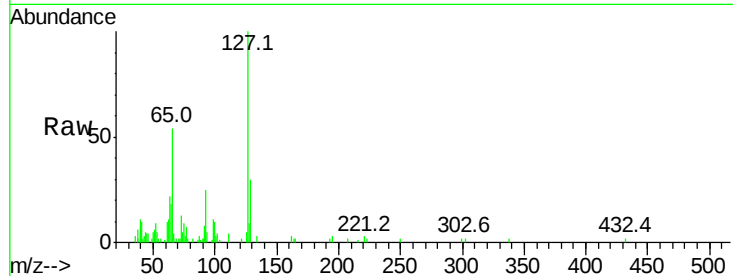
Delta R.T. -0.02 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MS

Tot Ion:	127	Resp:	27624
Ion	Ratio	Lower	Upper
127	100		
129	29.7	27.9	41.9
65	54.4	36.8	55.2
92	25.1	21.0	31.6

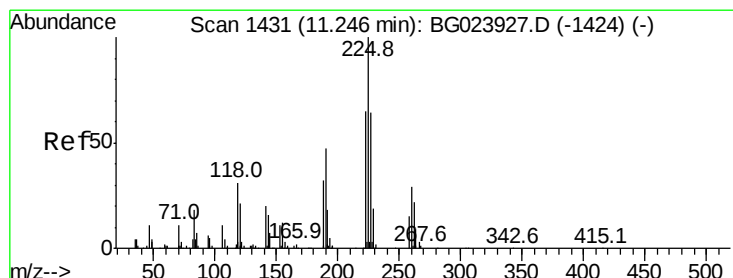
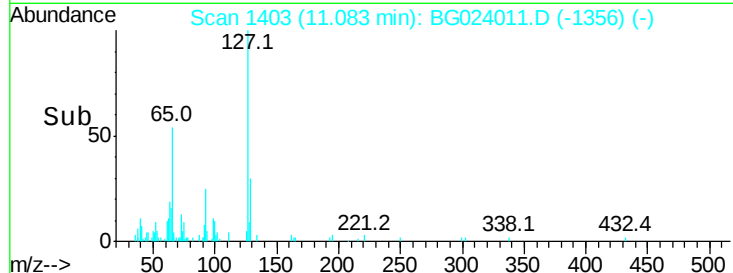
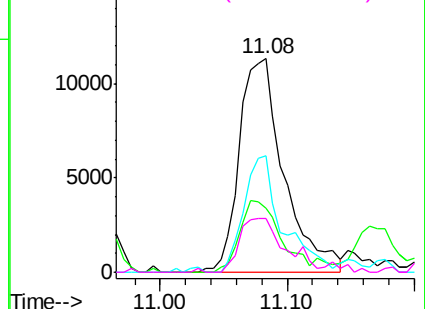


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34

Hexachlorobutadiene

Concen: 43.00 ng

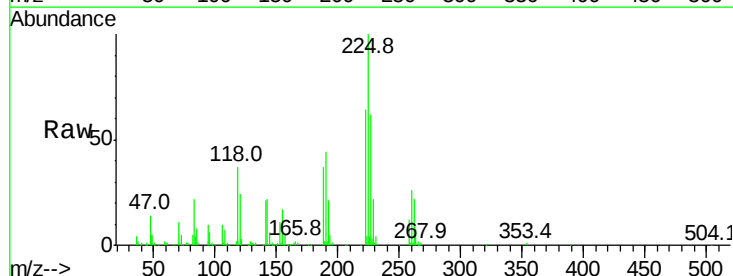
RT: 11.21 min Scan# 1425

Delta R.T. -0.05 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

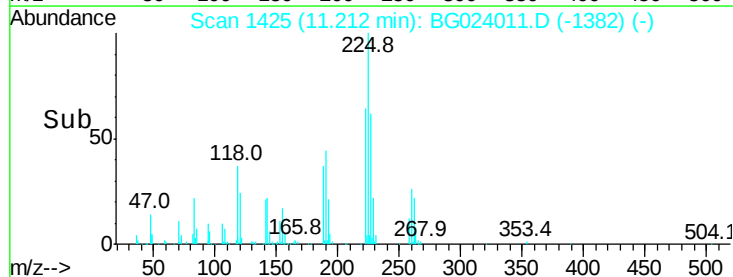
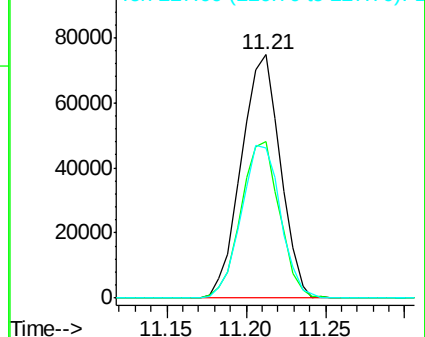
Tgt Ion:	225	Resp:	127831
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.6	74.4
227	61.9	54.5	81.7

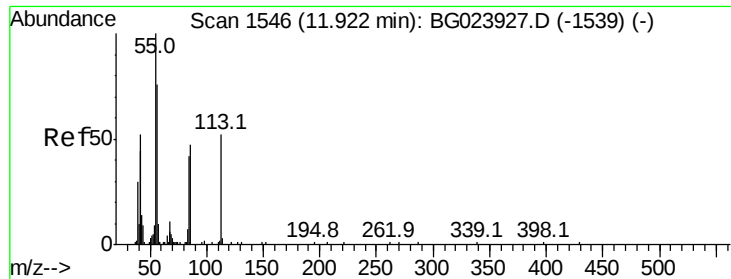


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.17 ng

RT: 11.86 min Scan# 1536

Delta R.T. -0.05 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MS

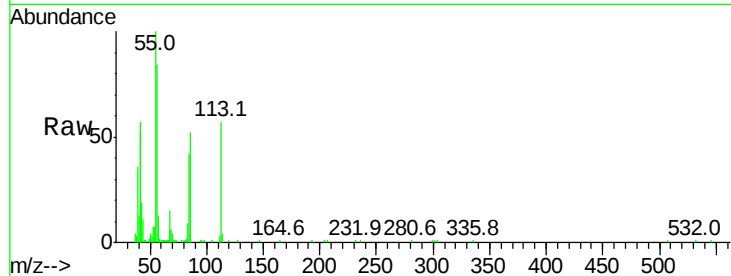
Tot Ion:113 Resp: 30737

Ion Ratio Lower Upper

113 100

55 174.0 154.5 194.5

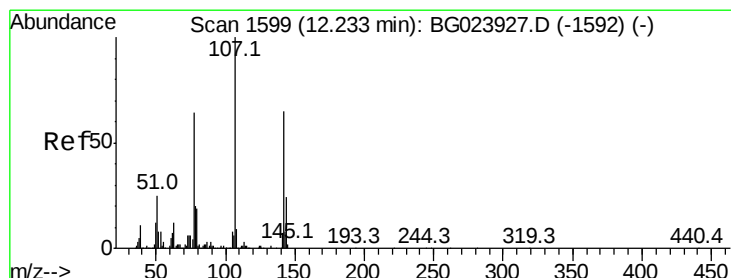
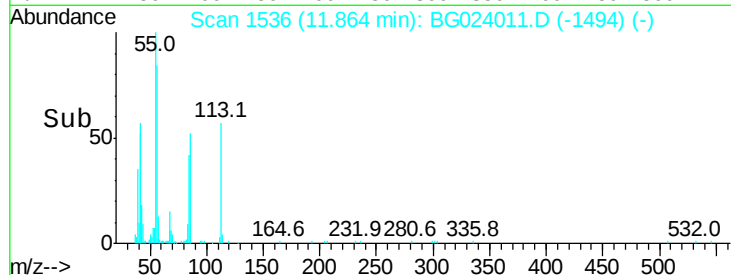
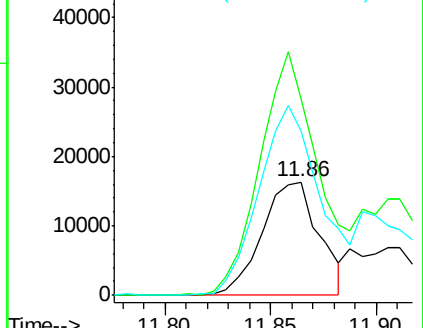
56 145.8 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 50.21 ng

RT: 12.19 min Scan# 1592

Delta R.T. -0.05 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

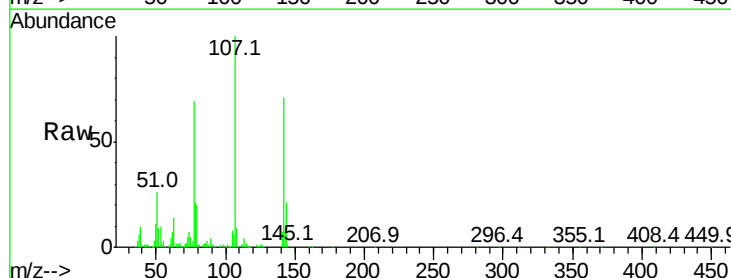
Tgt Ion:107 Resp: 242082

Ion Ratio Lower Upper

107 100

144 21.0 17.0 25.6

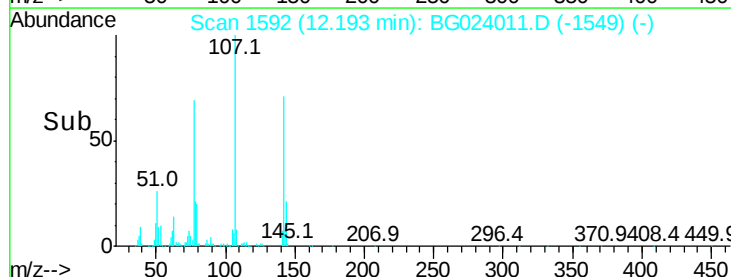
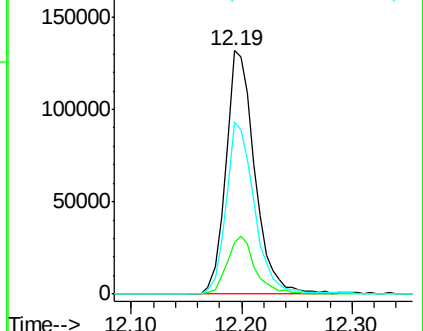
142 70.7 53.0 79.6

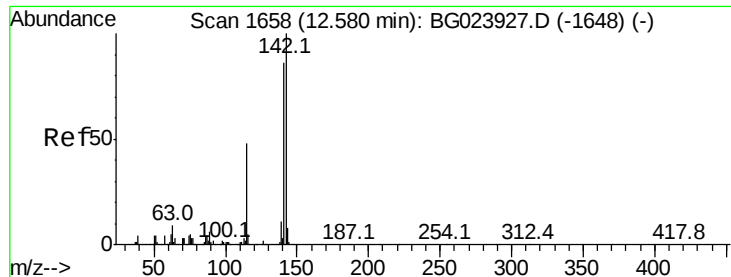


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

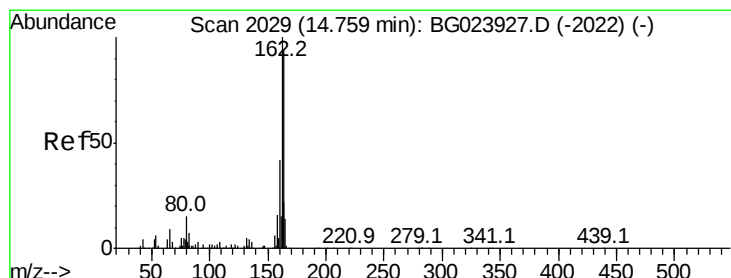
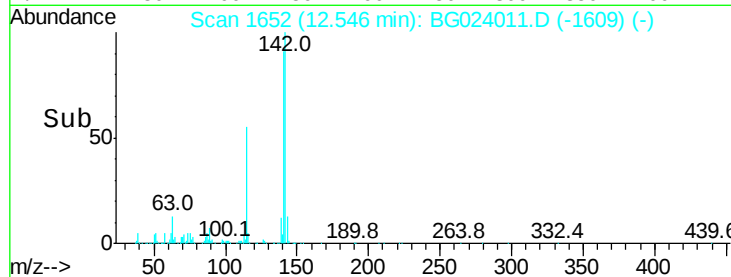
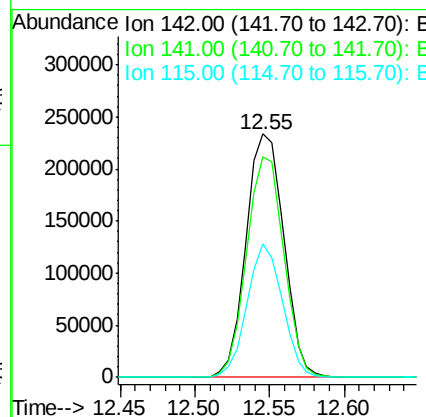
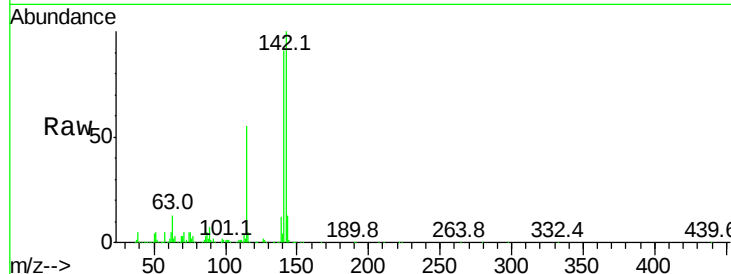




#37
 2-Methylnaphthalene
 Concen: 47.67 ng
 RT: 12.55 min Scan# 1652
 Delta R.T. -0.05 min
 Lab File: BG024011.D
 Acq: 17 Sep 2016 2:24

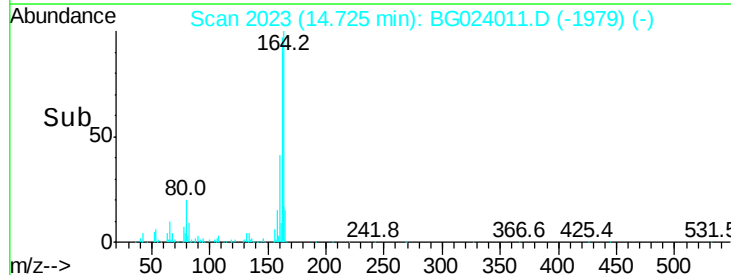
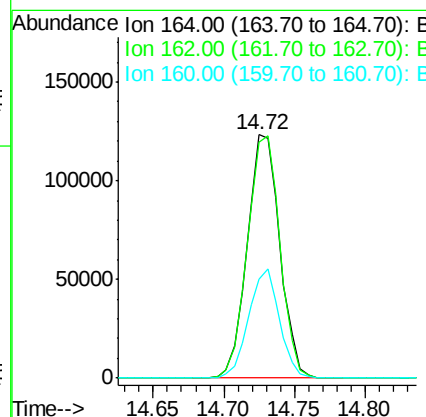
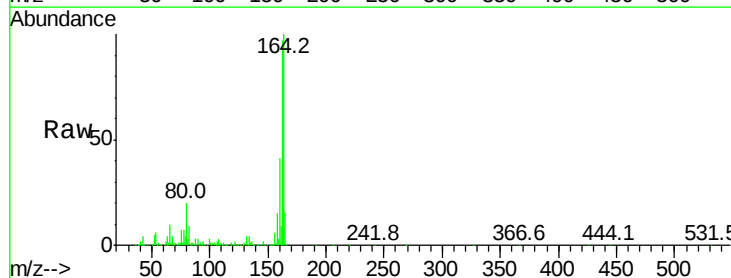
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MS

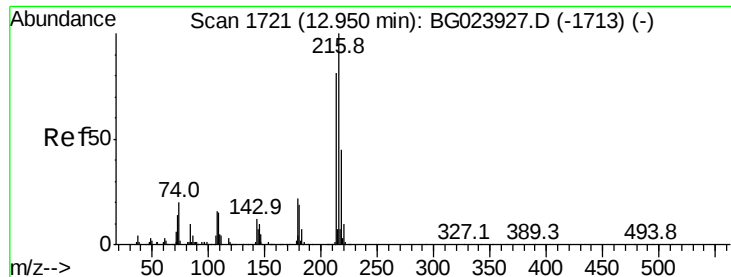
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.2	105.2
115	54.7	41.7	62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2023
 Delta R.T. -0.04 min
 Lab File: BG024011.D
 Acq: 17 Sep 2016 2:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.8	87.7	131.5
160	40.9	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.78 ng

RT: 12.92 min Scan# 1715

Delta R.T. -0.04 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MS

Tot Ion:216 Resp: 230394

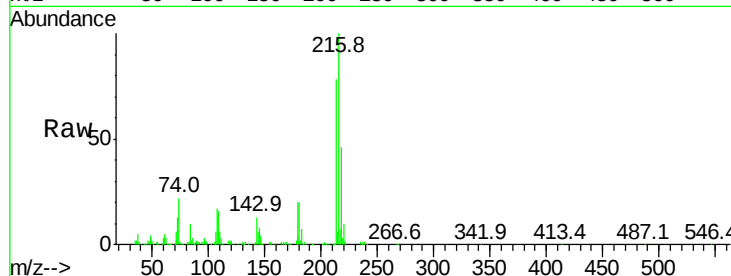
Ion Ratio Lower Upper

216 100

214 78.6 62.9 94.3

179 21.1 17.2 25.8

108 21.7 16.3 24.5

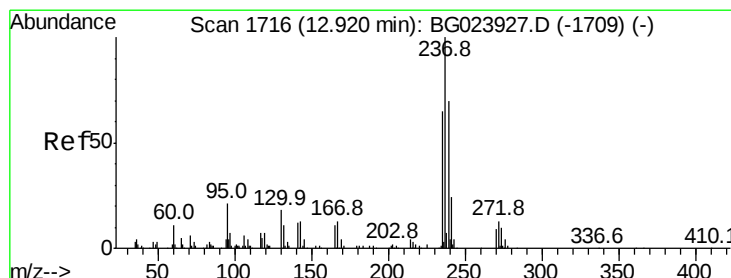
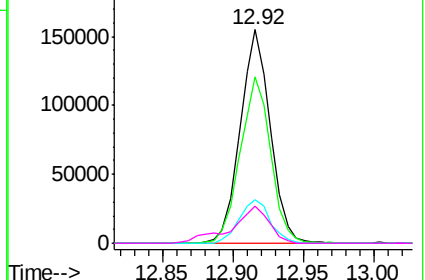
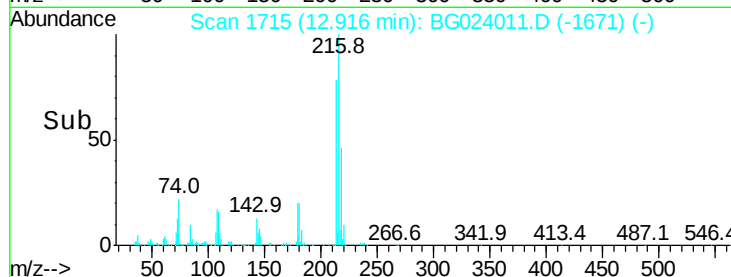


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 69.44 ng

RT: 12.89 min Scan# 1710

Delta R.T. -0.04 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

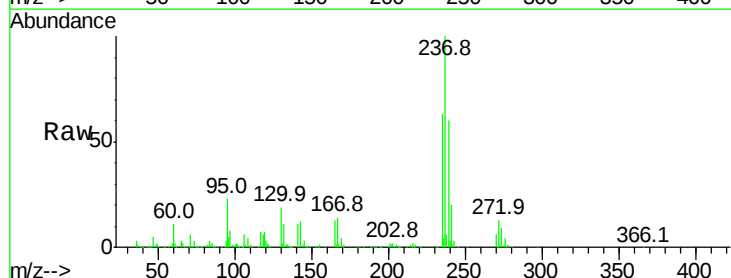
Tgt Ion:237 Resp: 273063

Ion Ratio Lower Upper

237 100

235 63.4 43.1 83.1

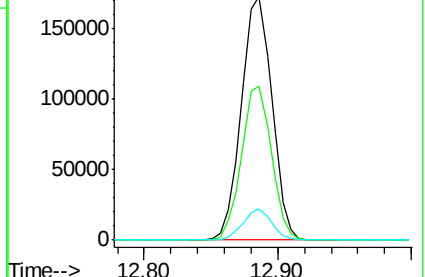
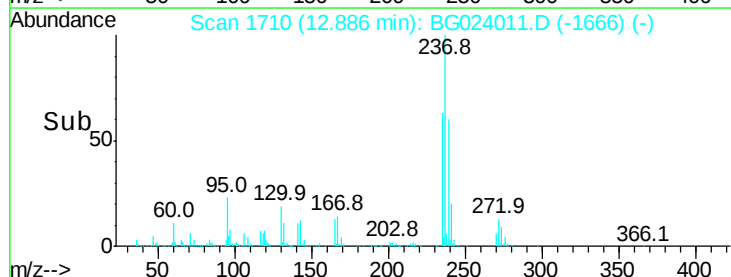
272 12.8 0.0 30.9

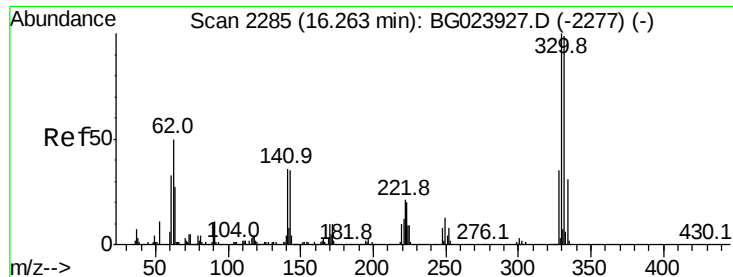


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

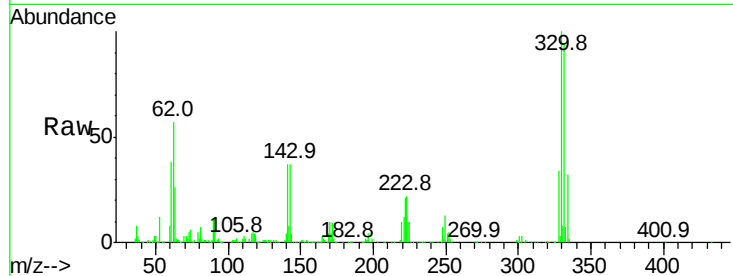




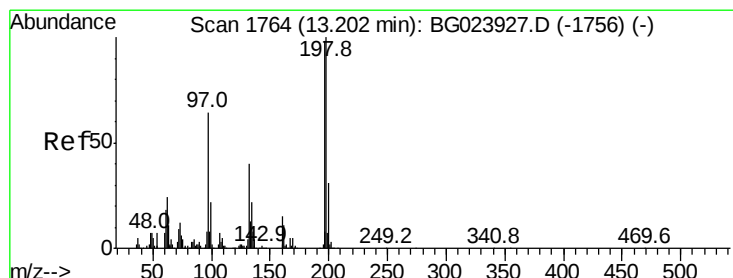
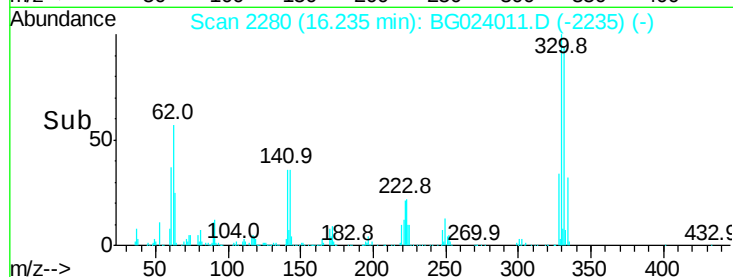
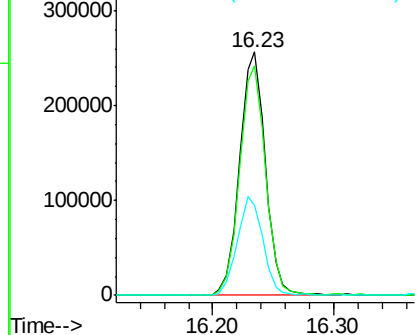
#41
 2,4,6-Tribromophenol
 Concen: 106.31 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.03 min
 Lab File: BG024011.D
 Acq: 17 Sep 2016 2:24

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.4	116.2
141	40.6	31.7	47.5

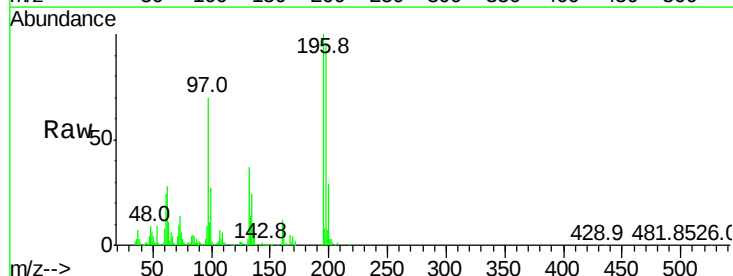


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

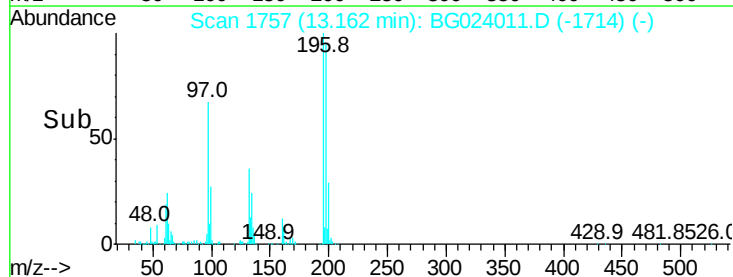
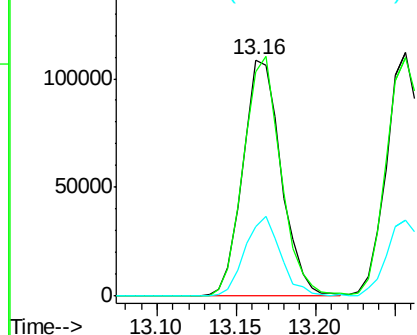


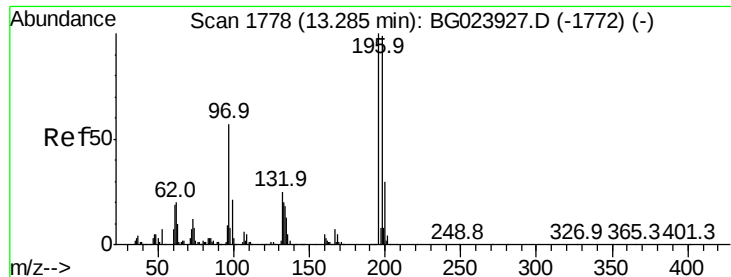
#42
 2,4,6-Trichlorophenol
 Concen: 41.23 ng
 RT: 13.16 min Scan# 1757
 Delta R.T. -0.05 min
 Lab File: BG024011.D
 Acq: 17 Sep 2016 2:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	78.2	117.2
200	29.4	27.0	40.4



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

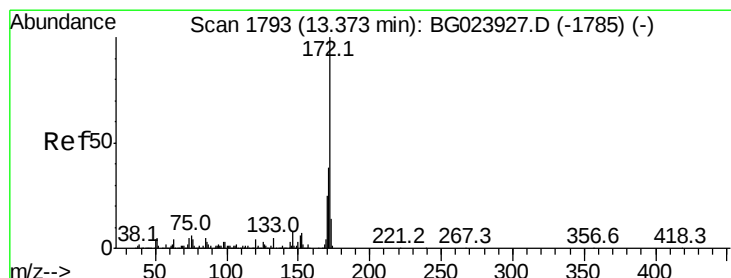
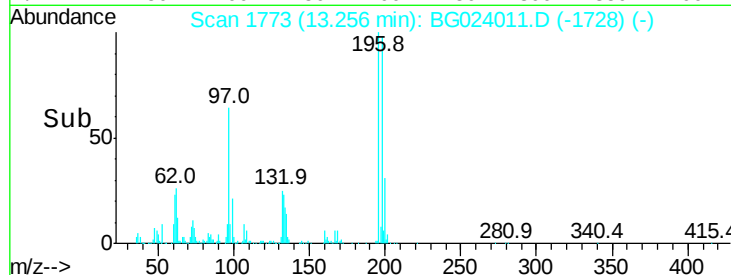
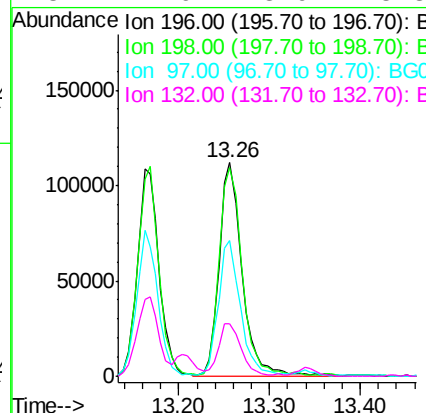
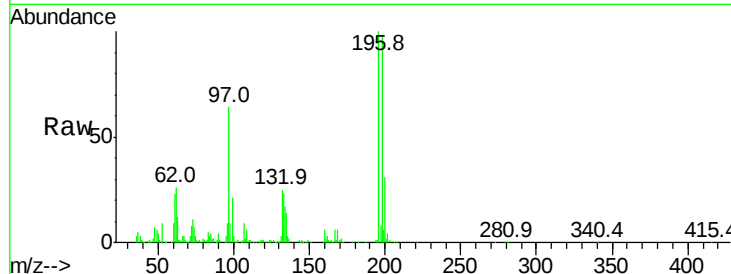




#43
 2,4,5-Trichlorophenol
 Concen: 44.00 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. -0.03 min
 Lab File: BG024011.D
 Acq: 17 Sep 2016 2:24

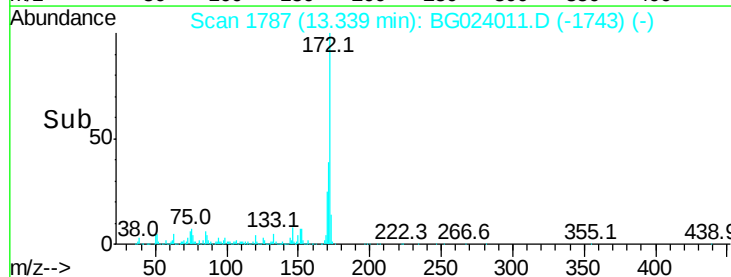
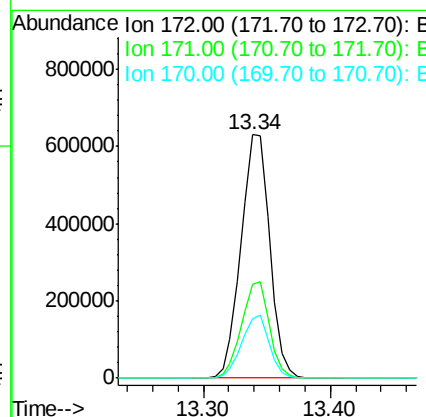
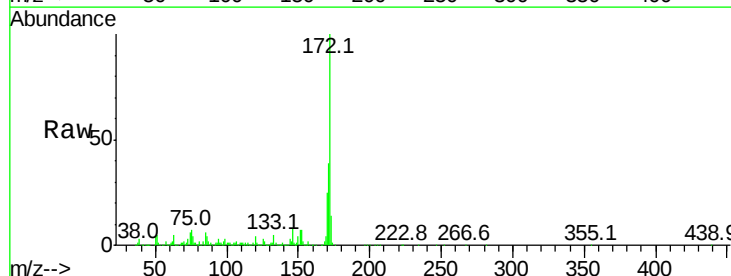
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MS

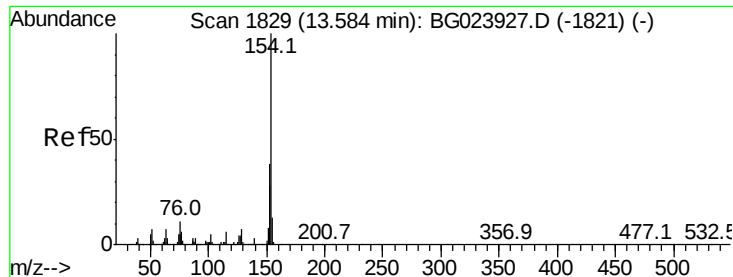
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.9	85.7	128.5
97	63.5	45.5	68.3
132	24.9	18.9	28.3



#44
 2-Fluorobiphenyl
 Concen: 71.01 ng
 RT: 13.34 min Scan# 1787
 Delta R.T. -0.04 min
 Lab File: BG024011.D
 Acq: 17 Sep 2016 2:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.6	47.4
170	24.6	21.3	31.9

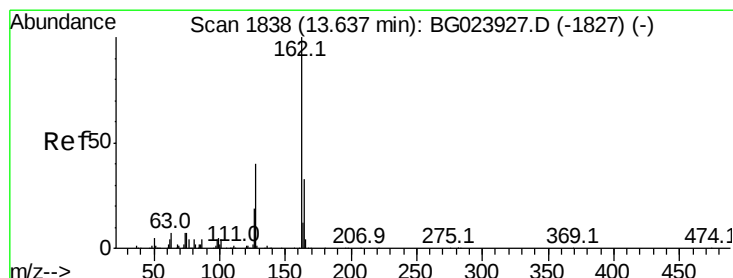
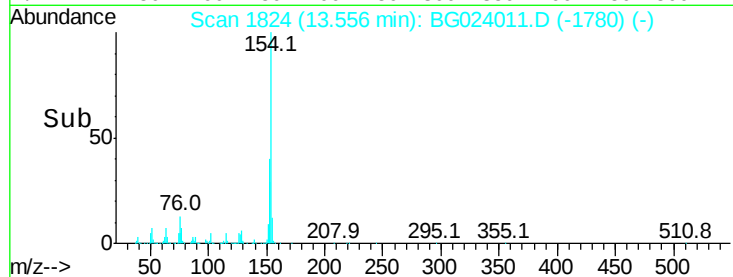
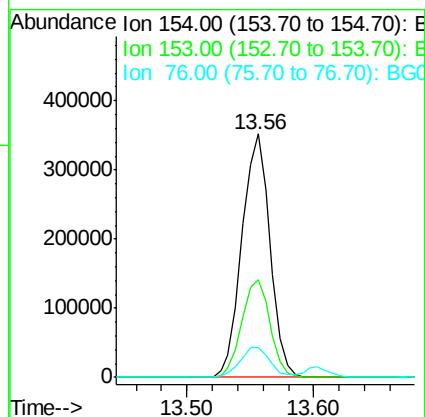
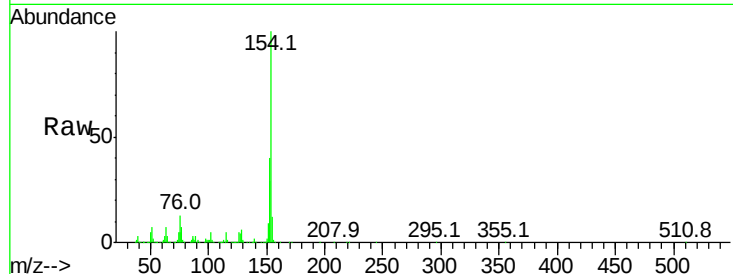




#45
 1,1'-Biphenyl
 Concen: 33.59 ng
 RT: 13.56 min Scan# 1824
 Delta R.T. -0.04 min
 Lab File: BG024011.D
 Acq: 17 Sep 2016 2:24

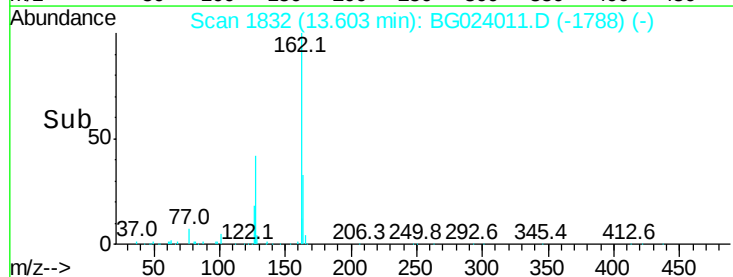
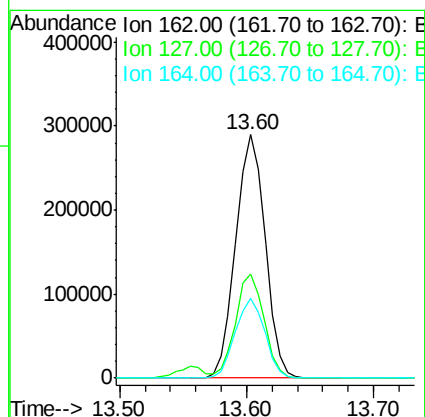
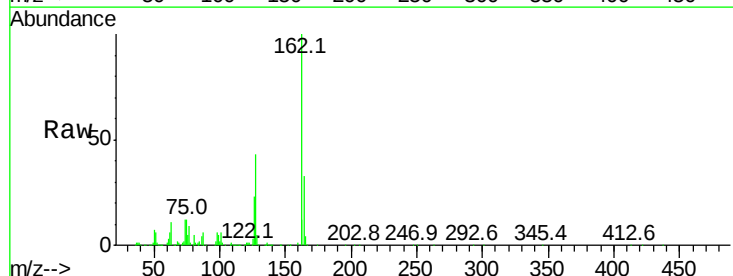
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MS

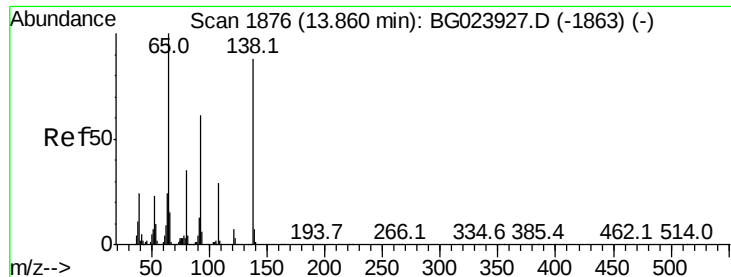
Tot Ion:154	Resp:	539197
Ion Ratio	Lower	Upper
154	100	
153	40.1	20.2 60.2
76	12.5	0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 39.59 ng
 RT: 13.60 min Scan# 1832
 Delta R.T. -0.04 min
 Lab File: BG024011.D
 Acq: 17 Sep 2016 2:24

Tgt Ion:162	Resp:	466579
Ion Ratio	Lower	Upper
162	100	
127	42.5	32.4 48.6
164	32.9	25.2 37.8

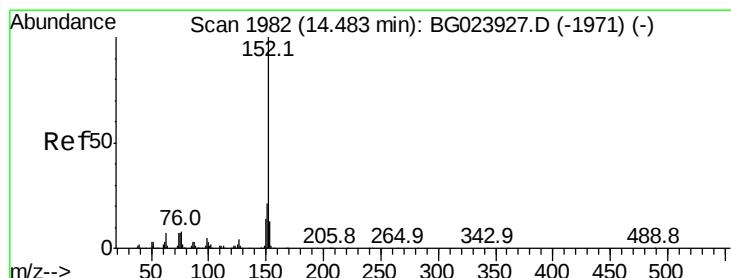
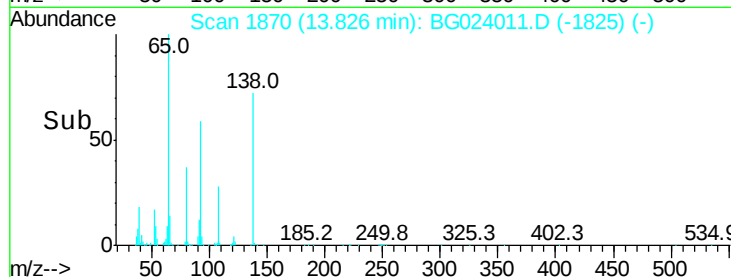
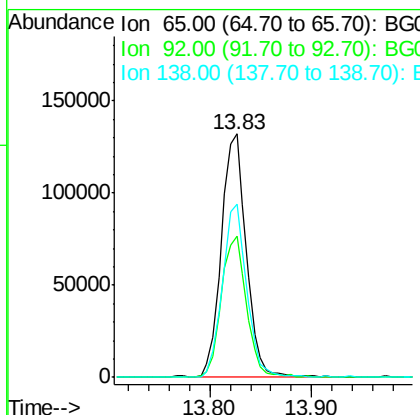
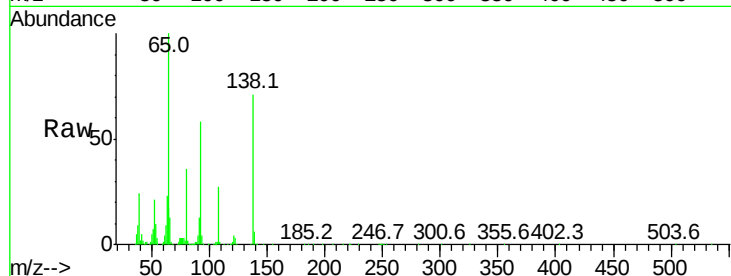




#47
2-Nitroaniline
Concen: 48.60 ng
RT: 13.83 min Scan# 1870
Delta R.T. -0.03 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

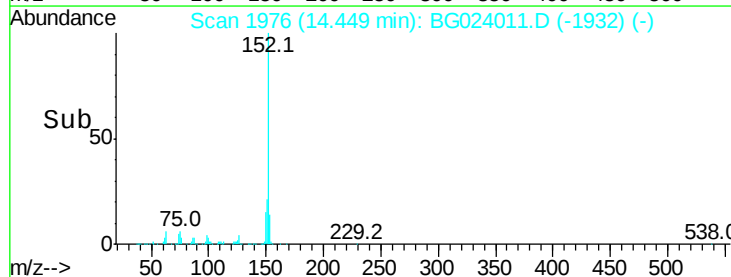
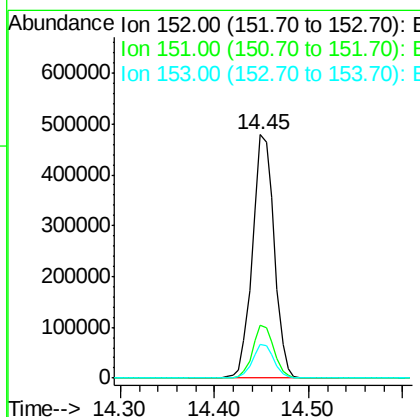
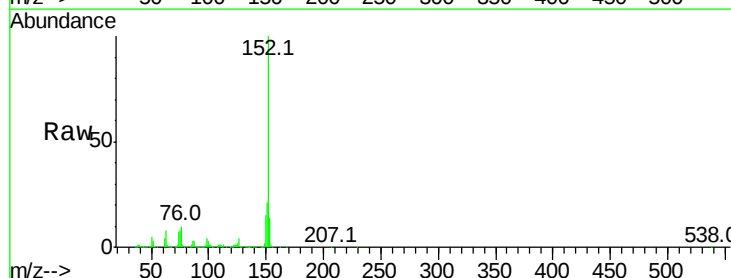
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MS

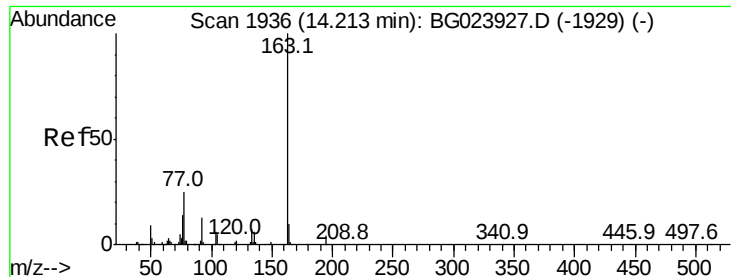
Tot Ion: 65 Resp: 225593
Ion Ratio Lower Upper
65 100
92 58.1 49.4 74.0
138 70.9 58.0 87.0



#48
Acenaphthylene
Concen: 38.98 ng
RT: 14.45 min Scan# 1976
Delta R.T. -0.04 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

Tgt Ion: 152 Resp: 765703
Ion Ratio Lower Upper
152 100
151 21.5 17.6 26.4
153 13.8 11.4 17.2





#49

Dimethylphthalate

Concen: 40.76 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.04 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MS

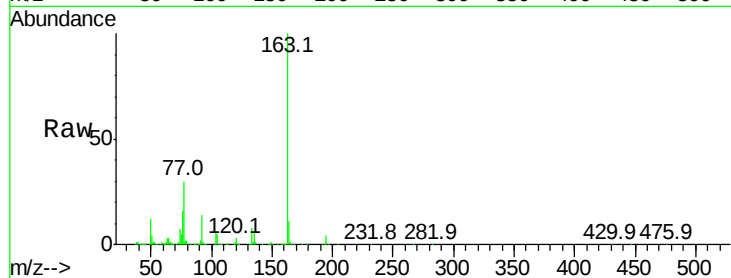
Tot Ion:163 Resp: 697444

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

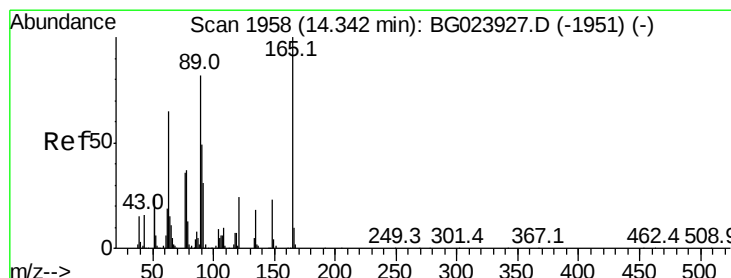
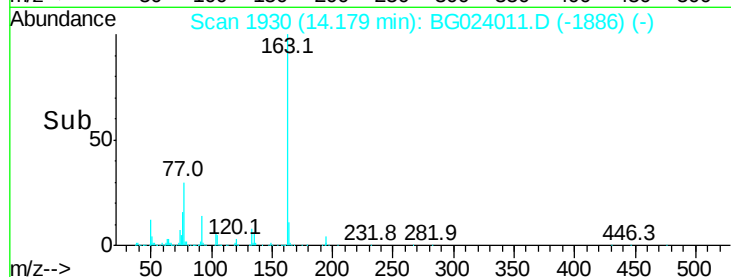
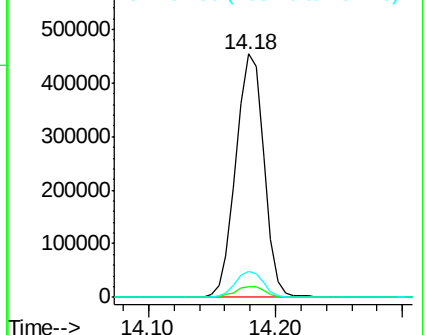
164 10.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.54 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.03 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

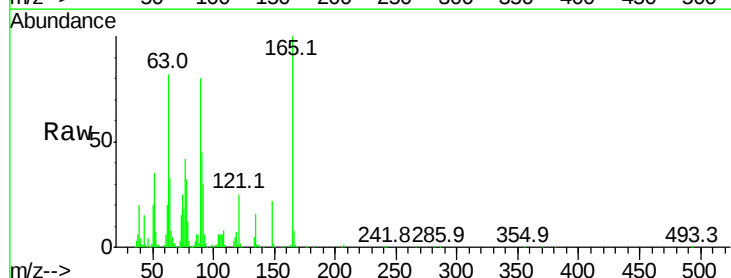
Tgt Ion:165 Resp: 150040

Ion Ratio Lower Upper

165 100

63 81.7 64.3 96.5

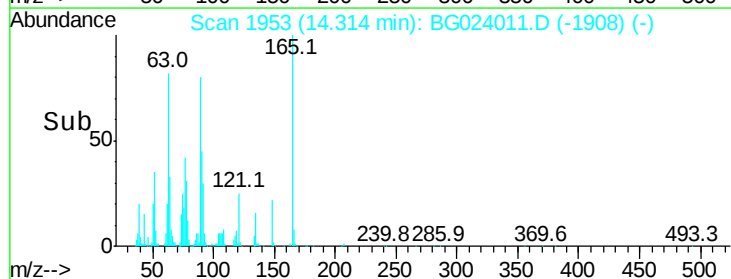
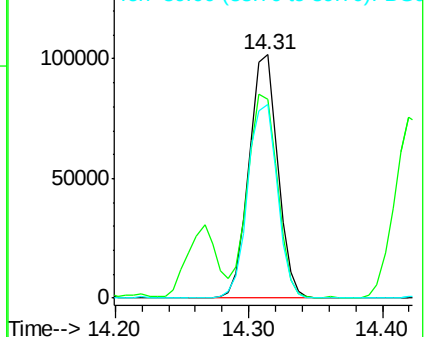
89 79.8 64.3 96.5

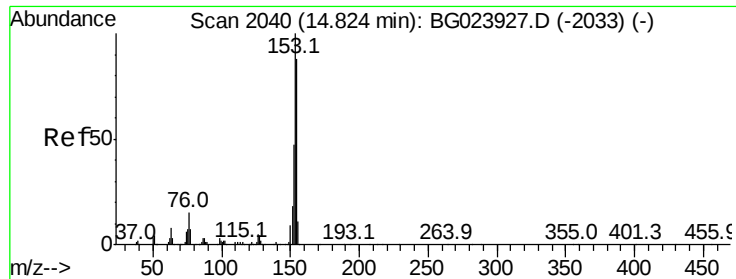


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.88 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.03 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MS

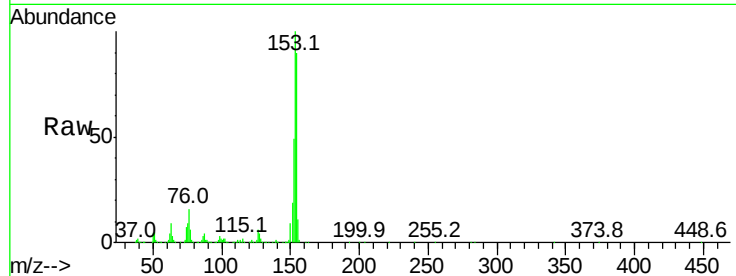
Tot Ion:154 Resp: 484237

Ion Ratio Lower Upper

154 100

153 111.0 87.5 131.3

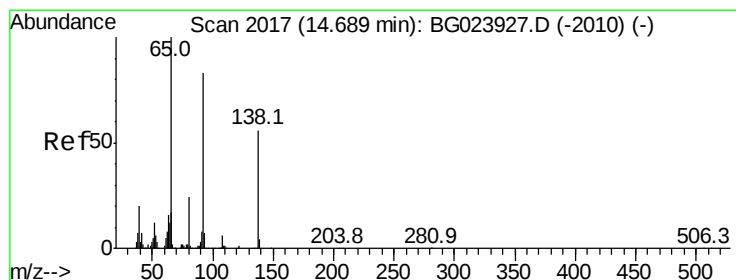
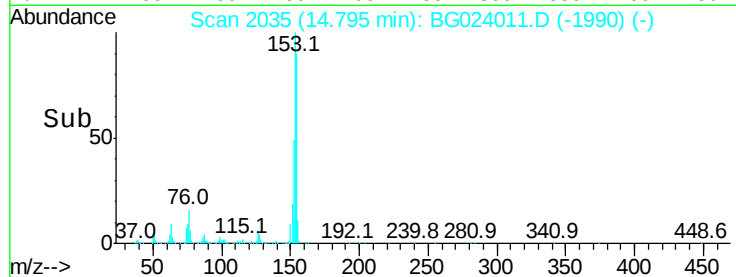
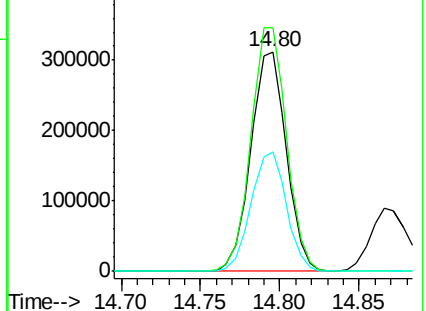
152 54.6 42.7 64.1



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: 11.66 ng

RT: 14.65 min Scan# 2011

Delta R.T. -0.03 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

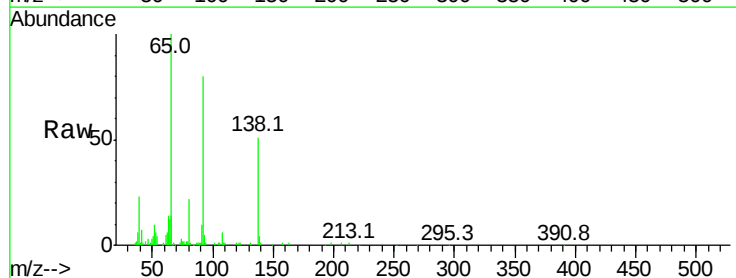
Tgt Ion:138 Resp: 39410

Ion Ratio Lower Upper

138 100

108 12.6 11.7 17.5

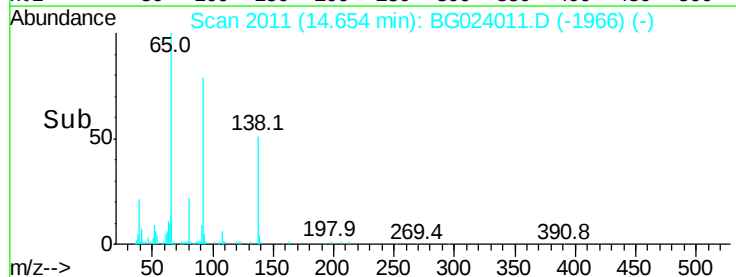
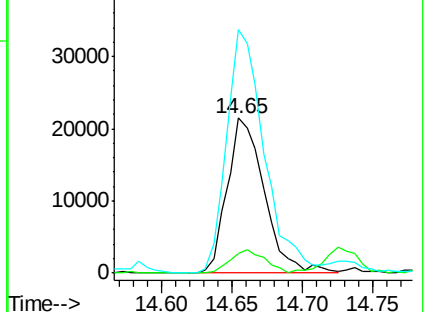
92 157.0 129.7 194.5

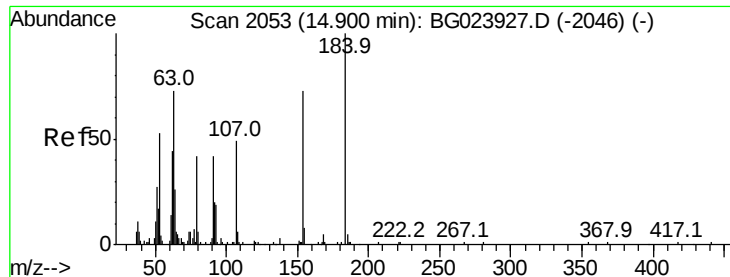


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

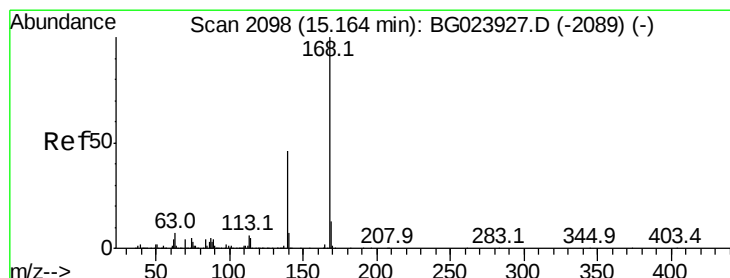
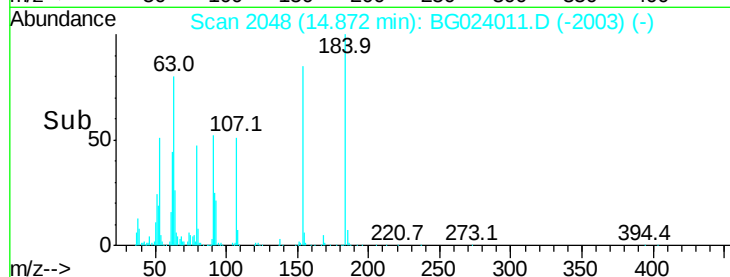
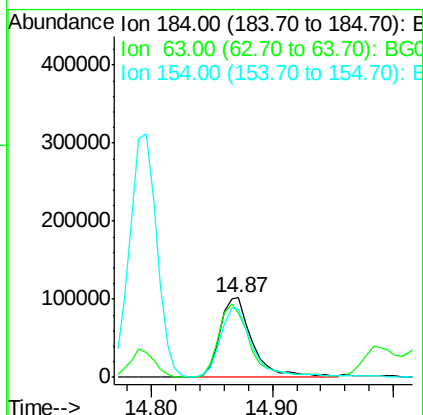
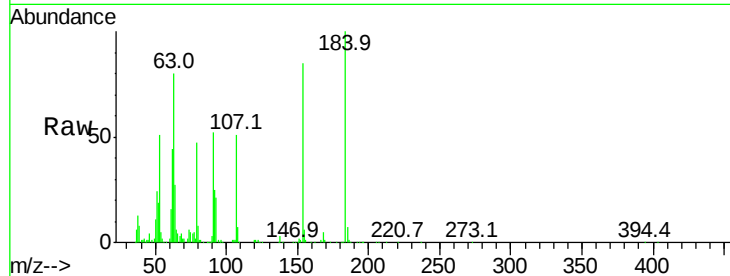




#53
2,4-Dinitrophenol
Concen: 72.89 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.03 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

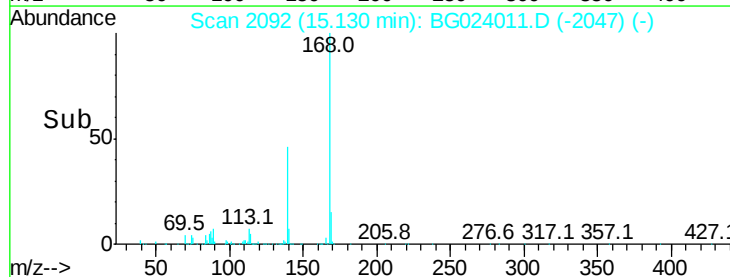
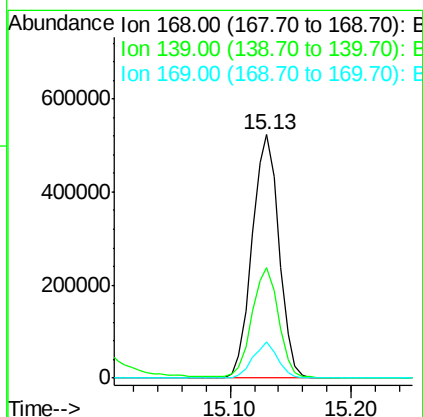
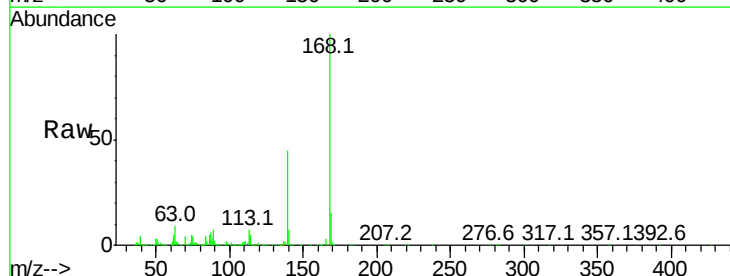
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MS

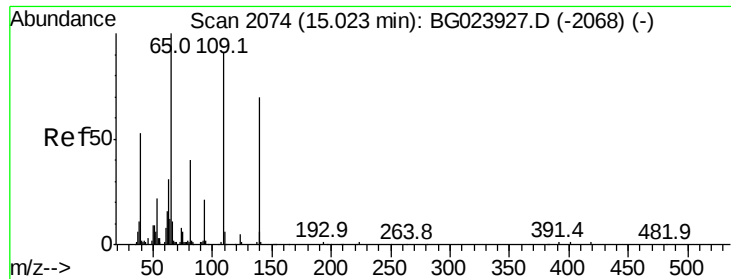
Tot Ion:184 Resp: 190820
Ion Ratio Lower Upper
184 100
63 80.3 59.6 89.4
154 85.0 67.4 101.0



#54
Dibenzofuran
Concen: 42.76 ng
RT: 15.13 min Scan# 2092
Delta R.T. -0.03 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

Tgt Ion:168 Resp: 810523
Ion Ratio Lower Upper
168 100
139 45.4 36.4 54.6
169 14.7 11.9 17.9

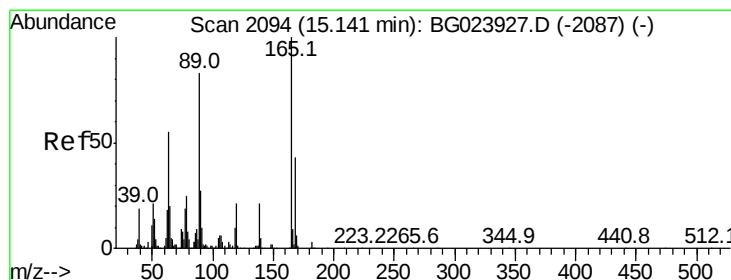
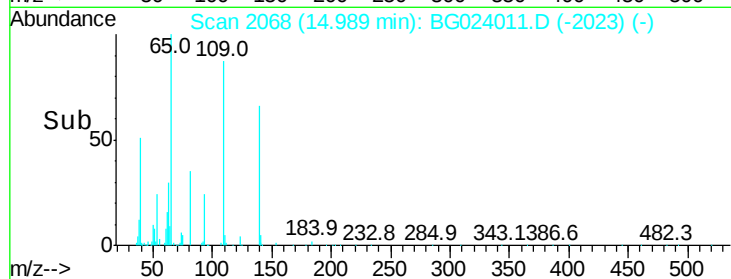
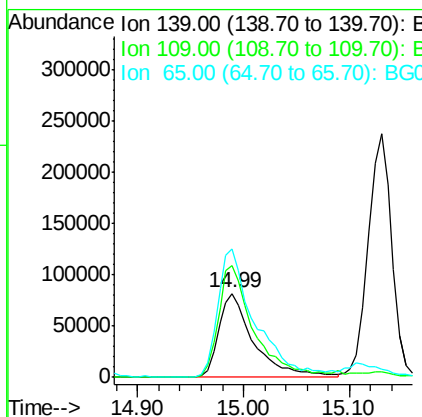
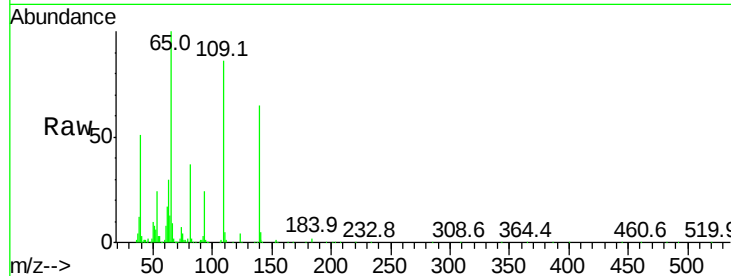




#55
4-Nitrophenol
Concen: 70.58 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.03 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

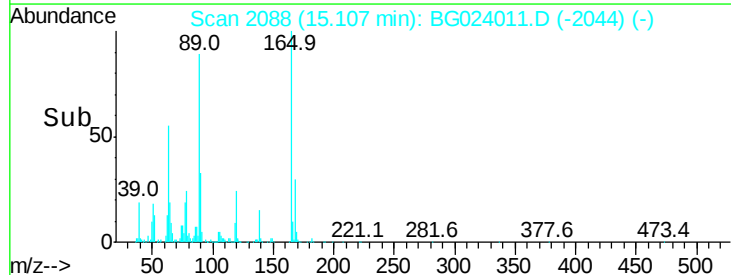
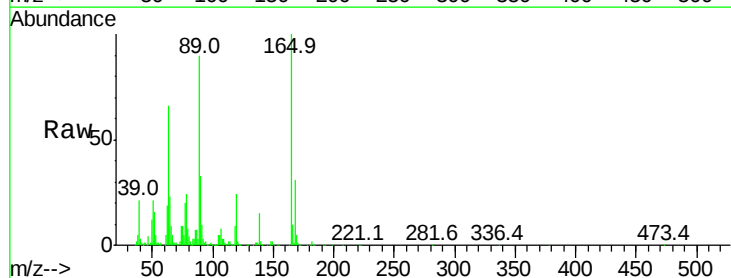
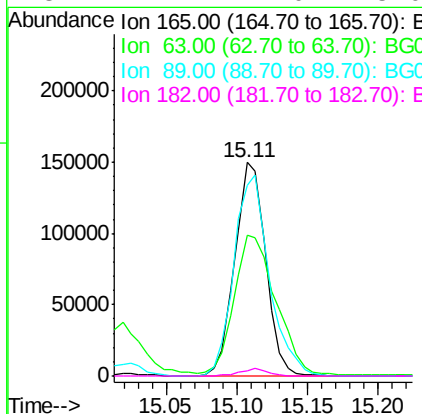
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MS

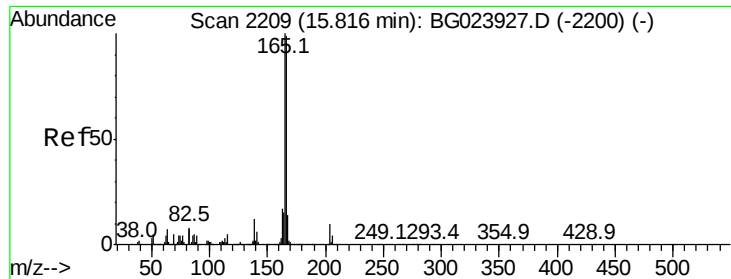
Tot Ion:139 Resp: 189741
Ion Ratio Lower Upper
139 100
109 132.3 103.0 143.0
65 153.4 112.7 152.7#



#56
2,4-Dinitrotoluene
Concen: 43.05 ng
RT: 15.11 min Scan# 2088
Delta R.T. -0.04 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

Tgt Ion:165 Resp: 228560
Ion Ratio Lower Upper
165 100
63 66.0 45.8 68.6
89 89.5 68.6 102.8
182 2.2 2.0 3.0





#57

Fluorene

Concen: 40.65 ng

RT: 15.78 min Scan# 2203

Delta R.T. -0.03 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MS

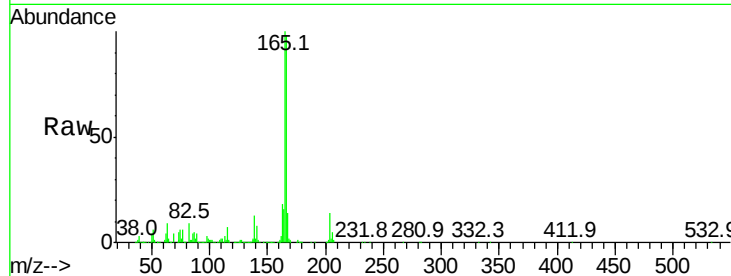
Tot Ion:166 Resp: 668134

Ion Ratio Lower Upper

166 100

165 102.5 81.0 121.6

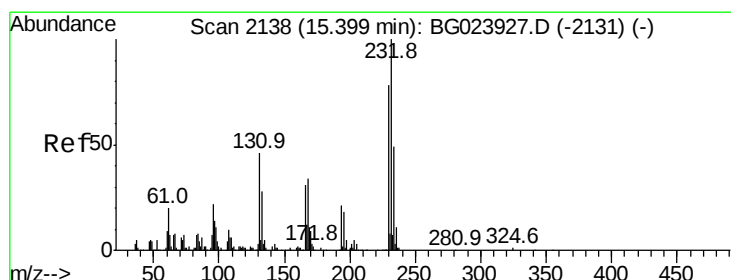
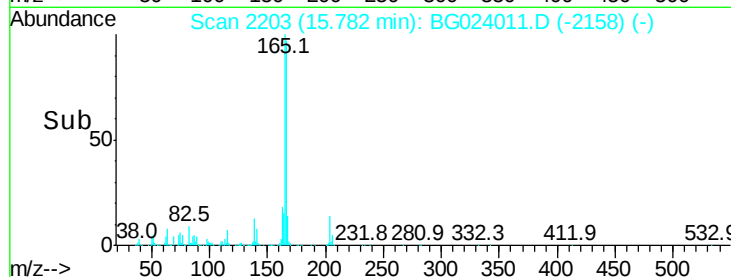
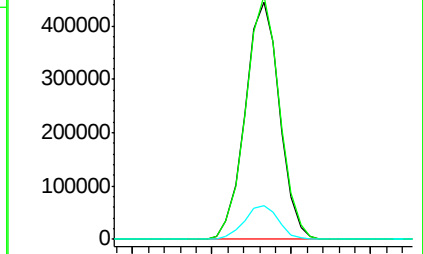
167 14.2 12.0 18.0



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: 44.20 ng

RT: 15.28 min Scan# 2118

Delta R.T. -0.12 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Tgt Ion:232 Resp: 200485

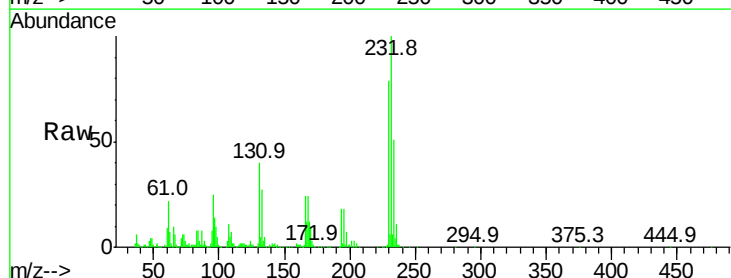
Ion Ratio Lower Upper

232 100

131 42.1 32.7 49.1

130 2.9 2.6 3.8

166 24.6 23.0 34.6

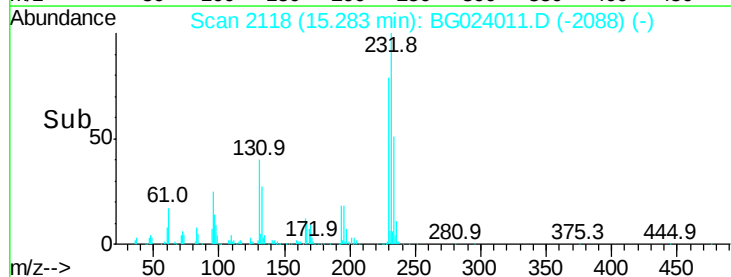
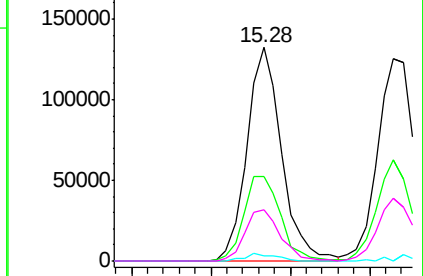


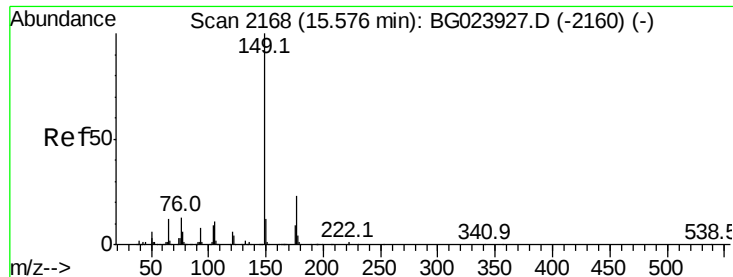
Abundance Ion 232.00 (231.70 to 232.70): E

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

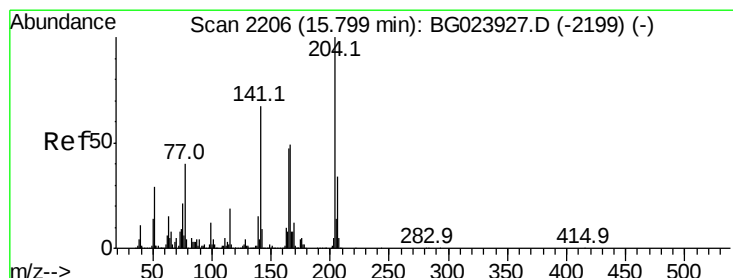
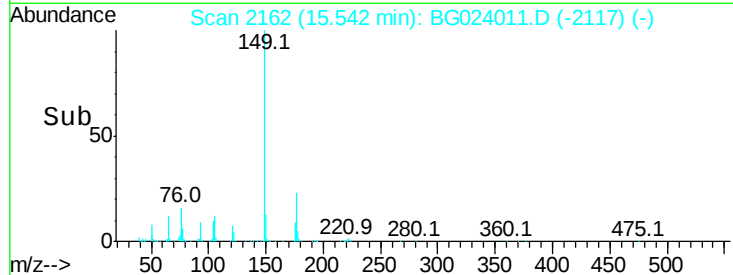
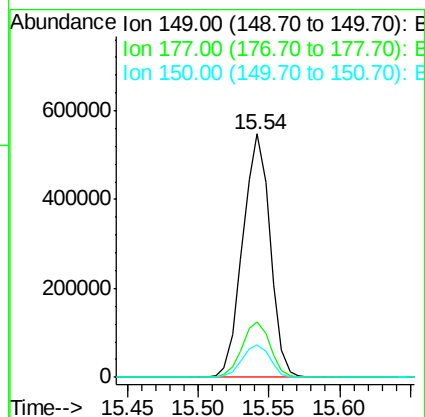
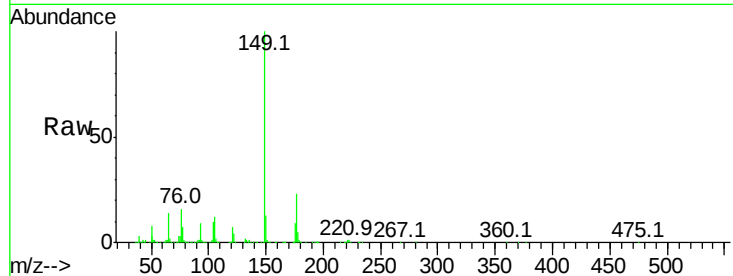




#59
Diethylphthalate
Concen: 40.67 ng
RT: 15.54 min Scan# 2162
Delta R.T. -0.03 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

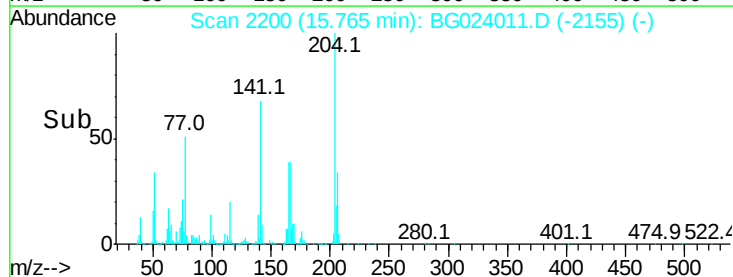
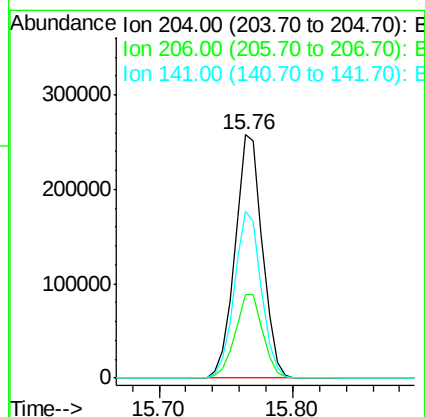
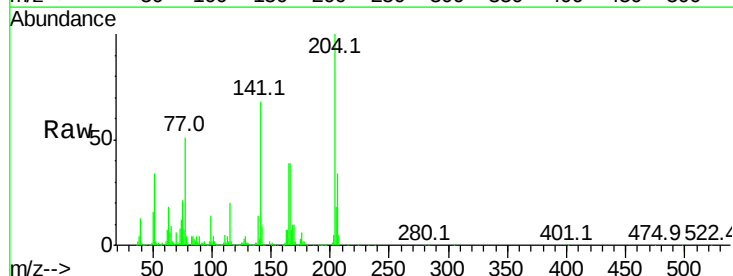
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MS

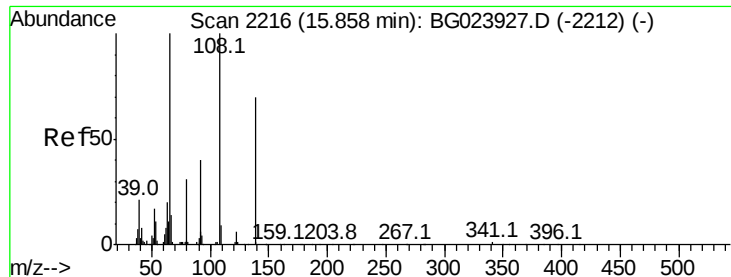
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.0	19.2	28.8
150	13.3	10.6	16.0



#60
4-Chlorophenyl-phenylether
Concen: 41.43 ng
RT: 15.76 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.3	28.5	42.7
141	68.4	51.4	77.0

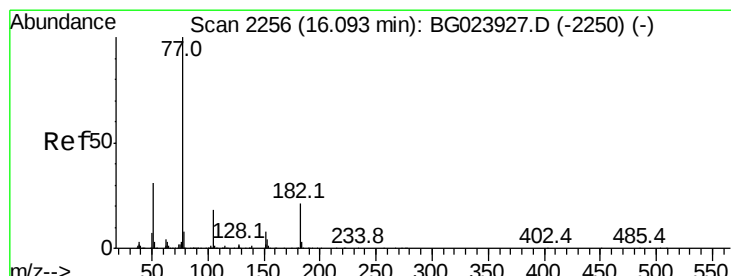
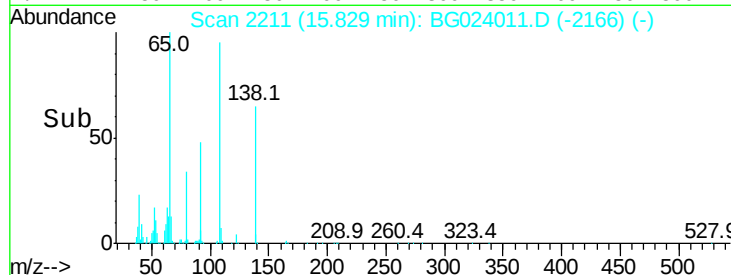
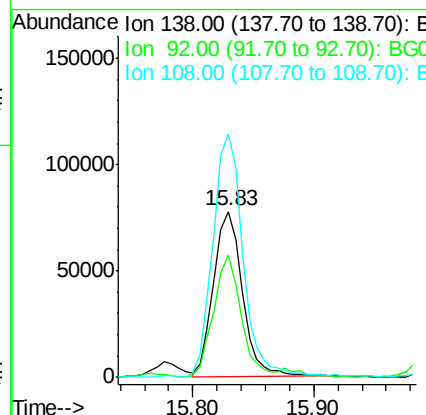
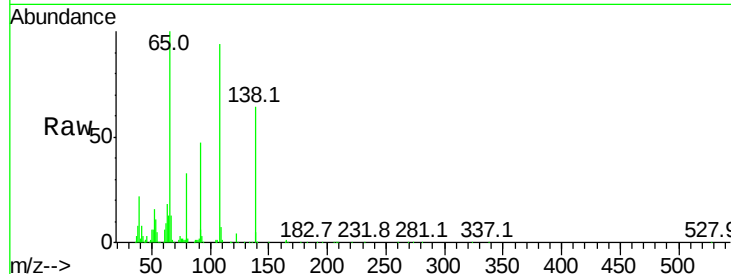




#61
4-Nitroaniline
Concen: 37.67 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.03 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

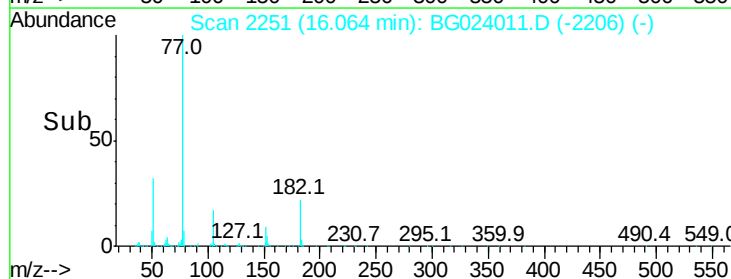
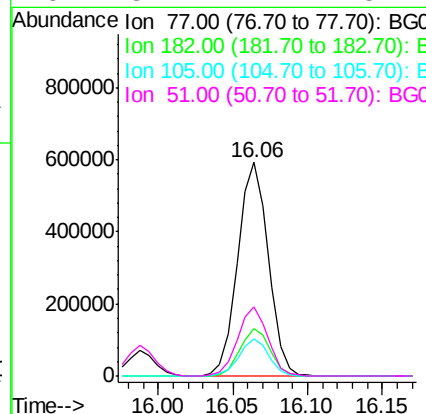
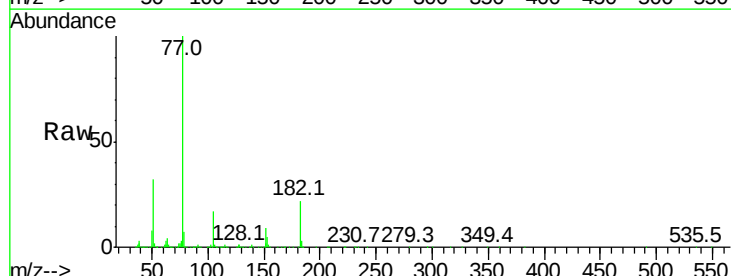
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MS

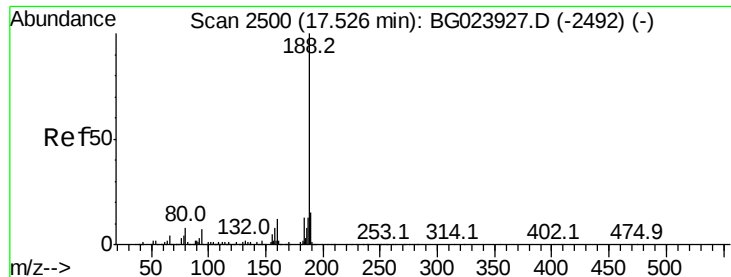
Tot Ion:138 Resp: 128656
Ion Ratio Lower Upper
138 100
92 73.9 54.1 94.1
108 146.7 133.9 173.9



#62
Azobenzene
Concen: 47.91 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.03 min
Lab File: BG024011.D
Acq: 17 Sep 2016 2:24

Tgt Ion: 77 Resp: 847583
Ion Ratio Lower Upper
77 100
182 22.0 3.5 43.5
105 17.3 0.0 38.5
51 32.4 17.1 57.1

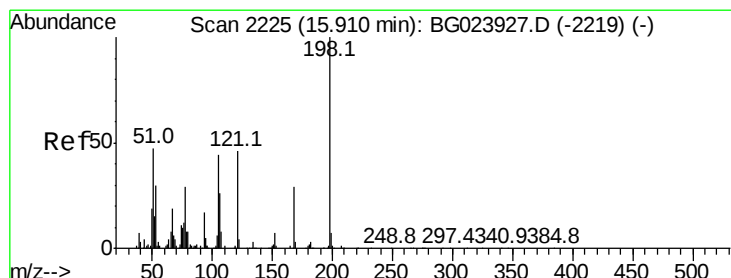
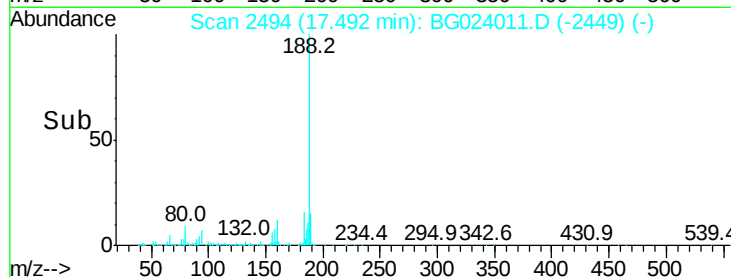
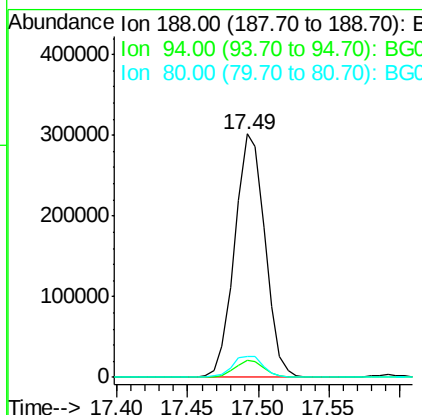
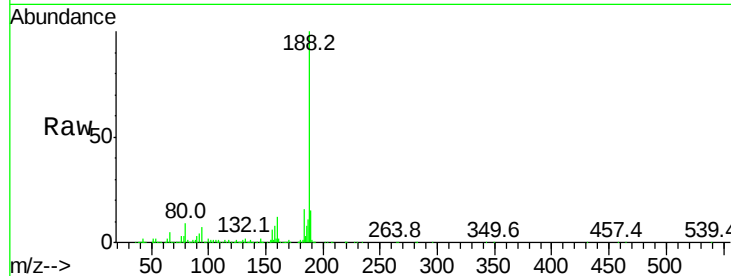




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2494
 Delta R.T. -0.03 min
 Lab File: BG024011.D
 Acq: 17 Sep 2016 2:24

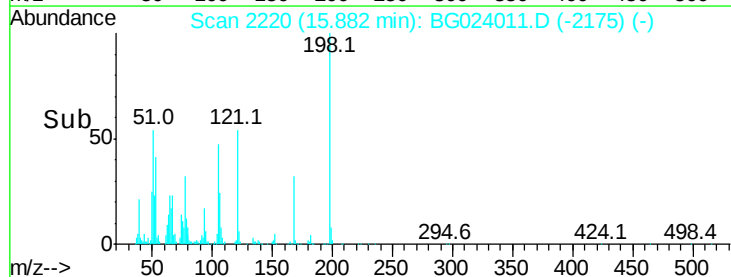
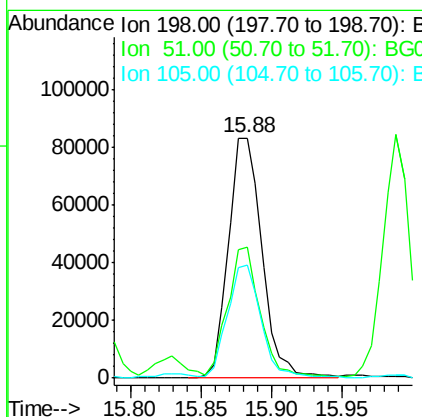
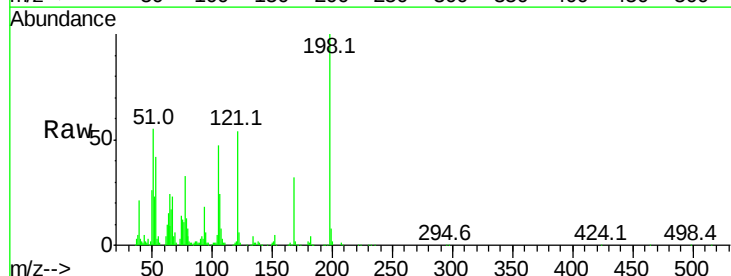
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MS

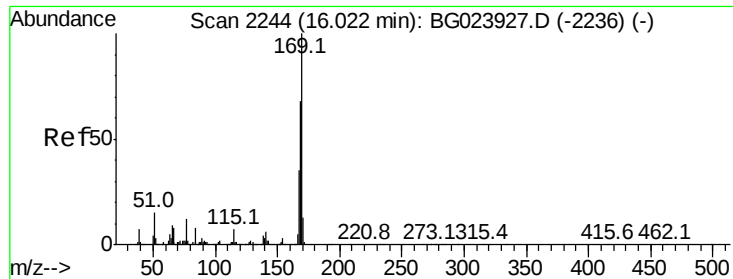
Tot Ion:188 Resp: 451796
 Ion Ratio Lower Upper
 188 100
 94 6.8 5.2 7.8
 80 8.6 7.2 10.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.21 ng
 RT: 15.88 min Scan# 2220
 Delta R.T. -0.03 min
 Lab File: BG024011.D
 Acq: 17 Sep 2016 2:24

Tgt Ion:198 Resp: 138660
 Ion Ratio Lower Upper
 198 100
 51 54.6 26.0 66.0
 105 47.2 20.1 60.1

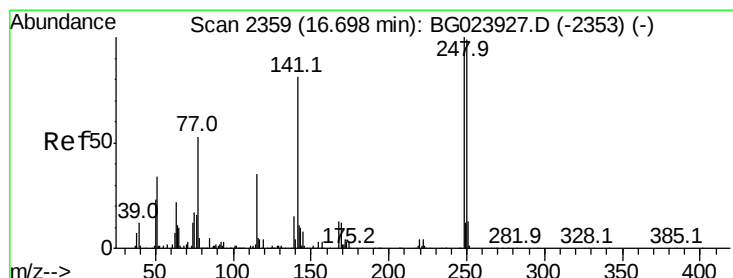
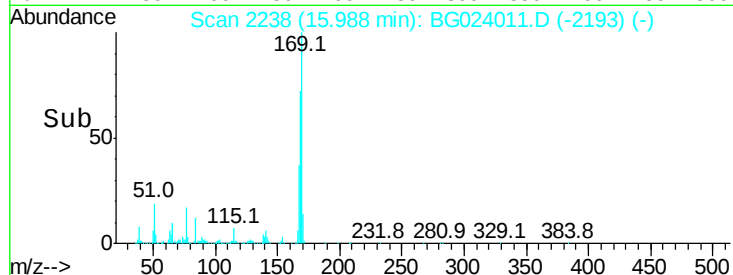
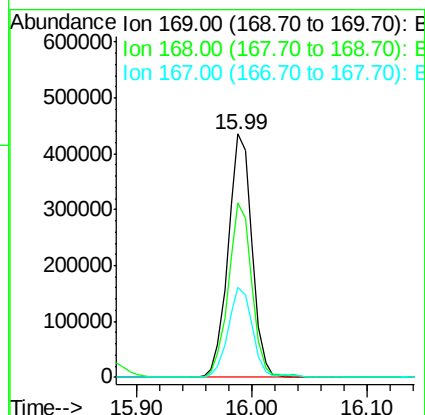
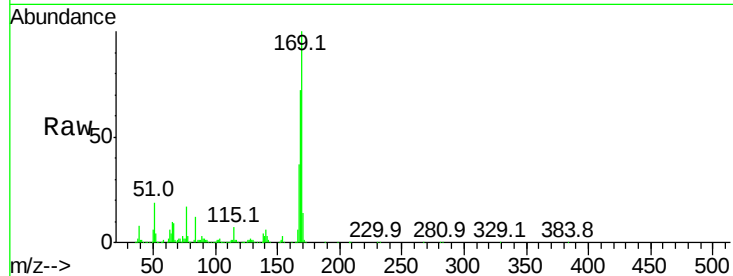




#65
 n-Nitrosodiphenylamine
 Concen: 48.09 ng
 RT: 15.99 min Scan# 2238
 Delta R.T. -0.03 min
 Lab File: BG024011.D
 Acq: 17 Sep 2016 2:24

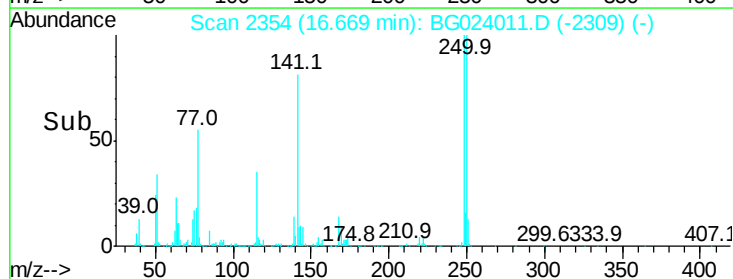
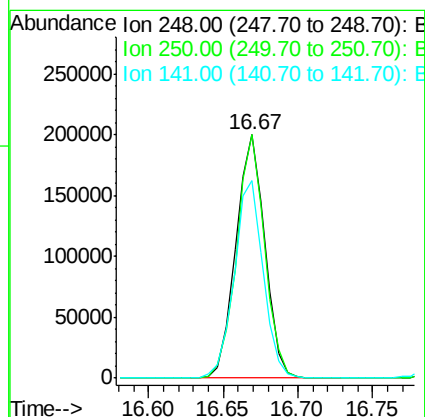
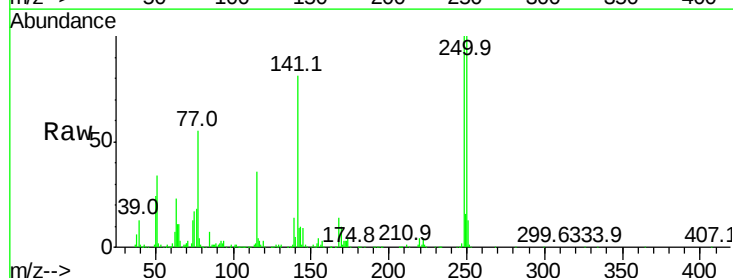
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MS

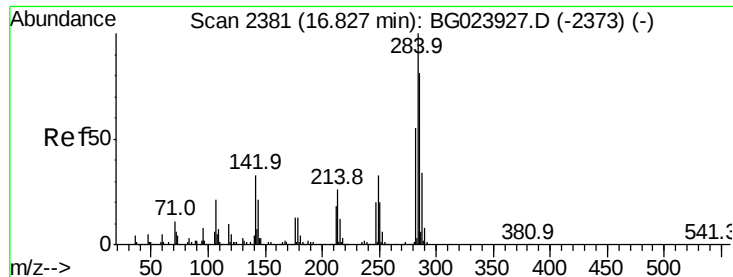
Tot Ion	Ratio	Lower	Upper
169	100		
168	71.8	55.0	82.4
167	37.2	27.4	41.0



#66
 4-Bromophenyl-phenylether
 Concen: 49.25 ng
 RT: 16.67 min Scan# 2354
 Delta R.T. -0.03 min
 Lab File: BG024011.D
 Acq: 17 Sep 2016 2:24

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.8	77.8	116.8
141	80.9	65.7	98.5





#67

Hexachlorobenzene

Concen: 43.83 ng

RT: 16.79 min Scan# 2375

Delta R.T. -0.03 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MS

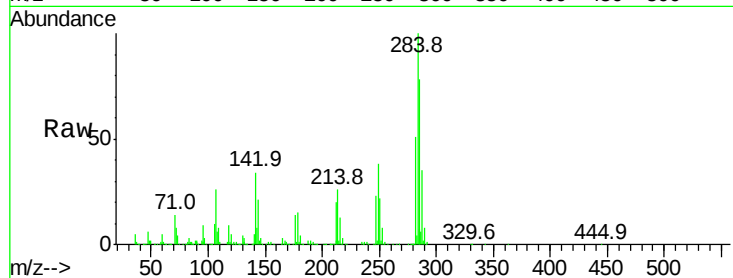
Tot Ion:284 Resp: 282555

Ion Ratio Lower Upper

284 100

142 33.8 26.8 40.2

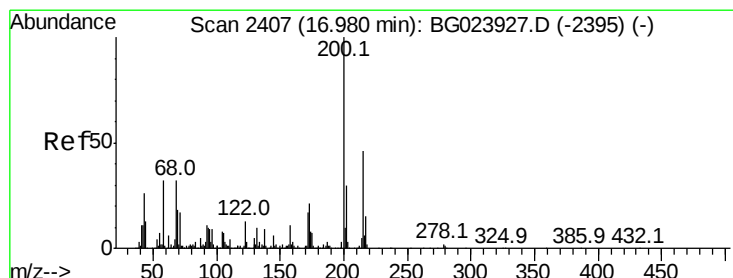
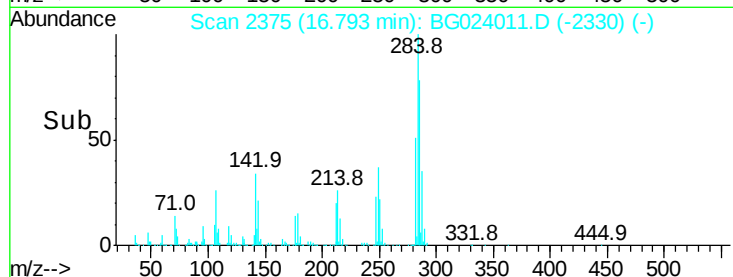
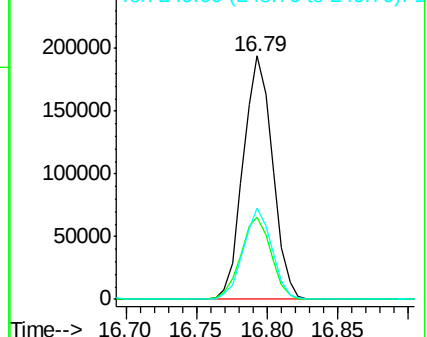
249 37.5 28.9 43.3



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: 46.20 ng

RT: 16.94 min Scan# 2400

Delta R.T. -0.04 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

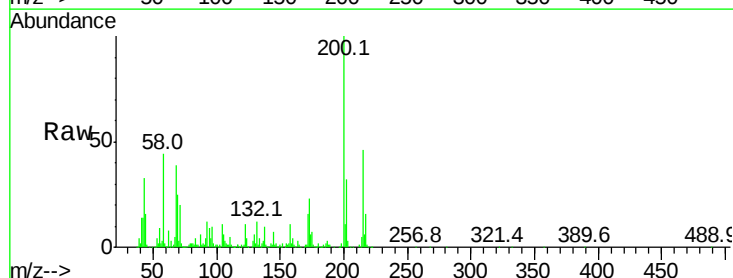
Tgt Ion:200 Resp: 255091

Ion Ratio Lower Upper

200 100

173 23.2 1.6 41.6

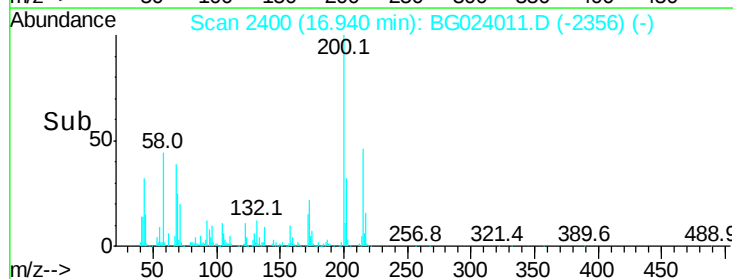
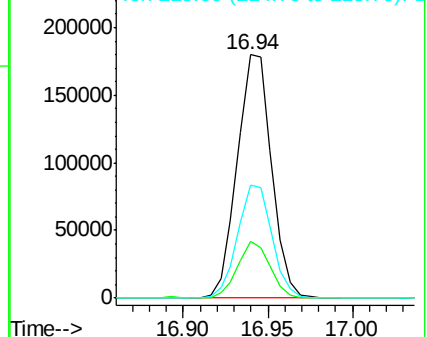
215 46.5 28.7 68.7

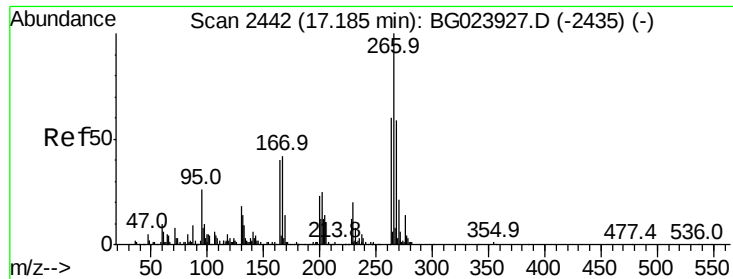


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 84.49 ng

RT: 17.15 min Scan# 2436

Delta R.T. -0.03 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MS

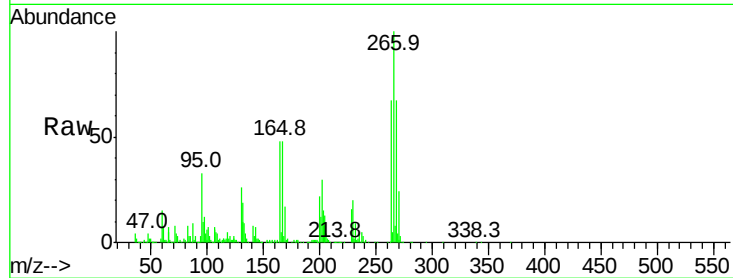
Tot Ion:266 Resp: 289297

Ion Ratio Lower Upper

266 100

268 67.5 51.9 77.9

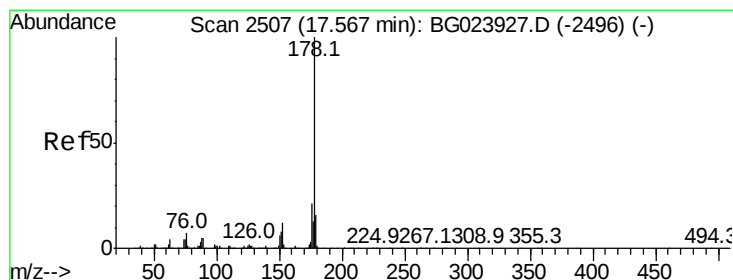
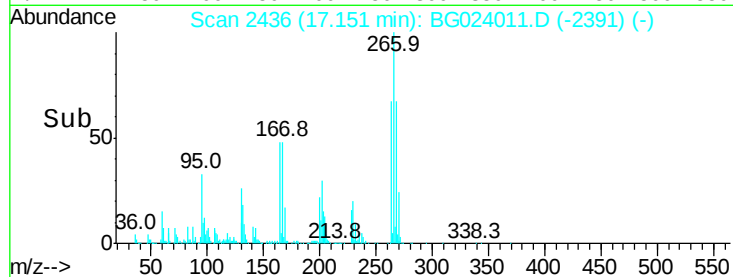
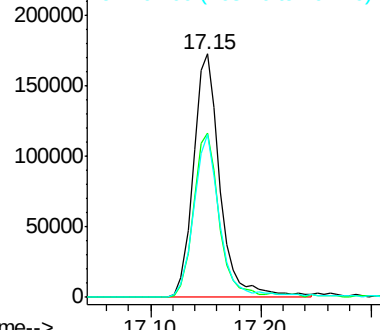
264 67.1 50.6 75.8



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: 48.43 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.03 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

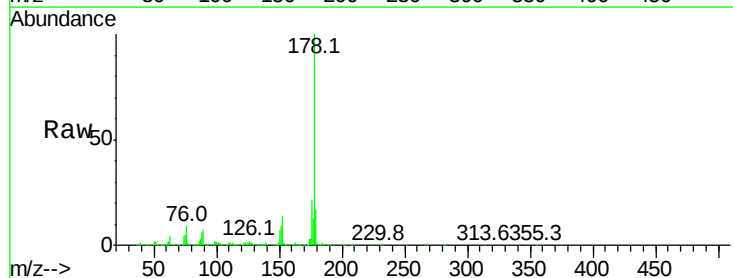
Tgt Ion:178 Resp: 1138156

Ion Ratio Lower Upper

178 100

176 20.5 16.8 25.2

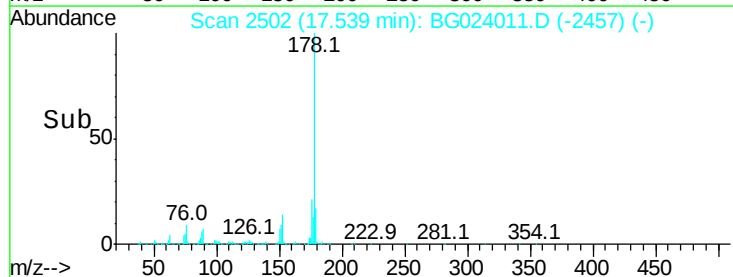
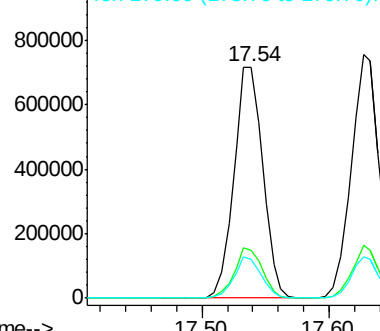
179 17.1 14.3 21.5

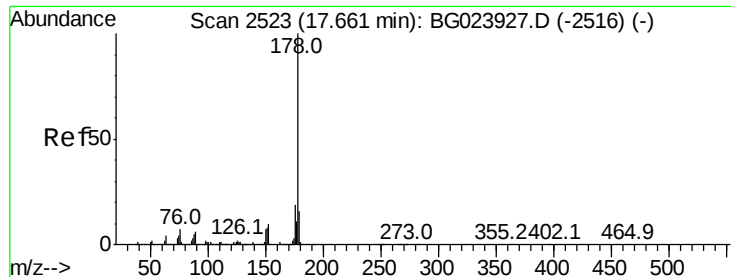


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 48.52 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.03 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

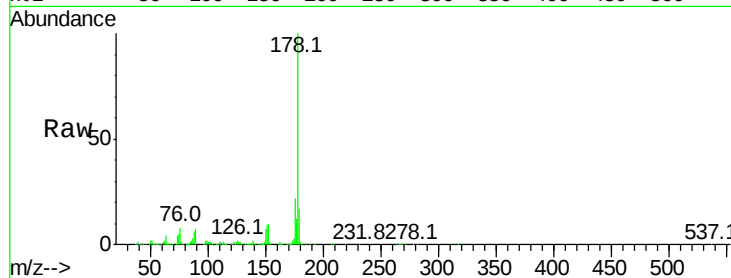
BNA_G

ClientSampleId :

HSR-WC-70-091416MS

Tot Ion:178 Resp: 1163283

Ion	Ratio	Lower	Upper
178	100		
176	21.8	17.3	25.9
179	17.1	14.0	21.0

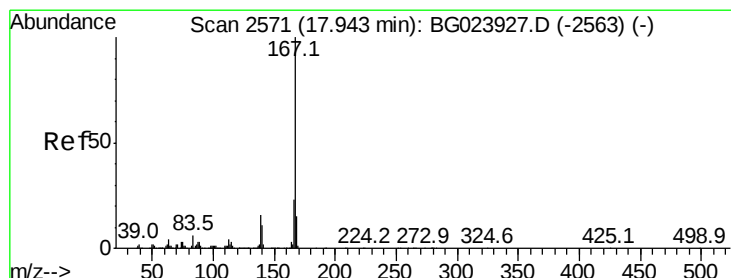
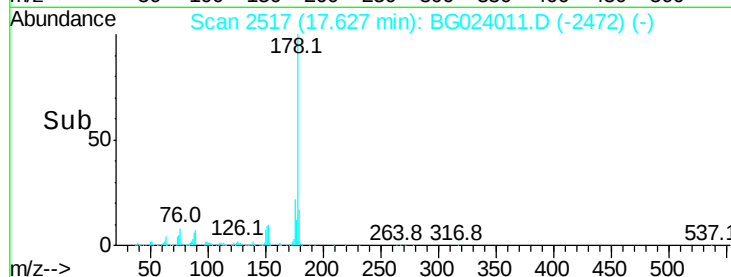
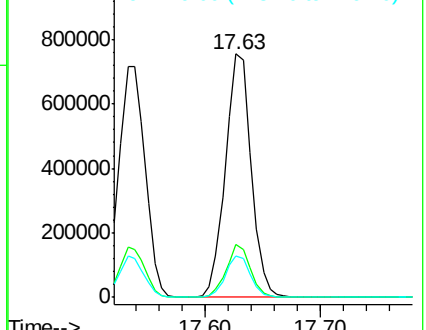


Abundance

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: 45.77 ng

RT: 17.91 min Scan# 2565

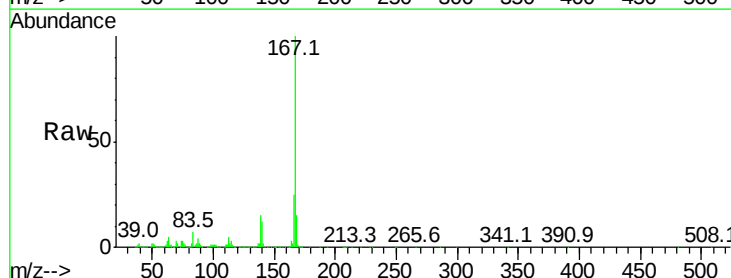
Delta R.T. -0.03 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Tgt Ion:167 Resp: 995842

Ion	Ratio	Lower	Upper
167	100		
166	24.9	20.7	31.1
139	15.3	11.9	17.9

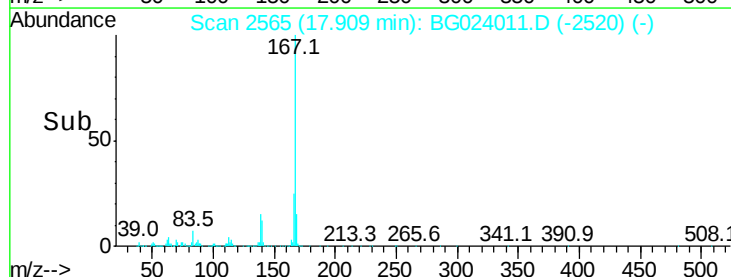
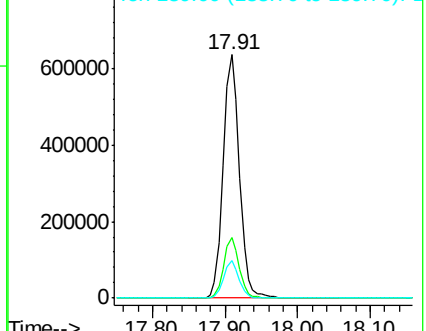


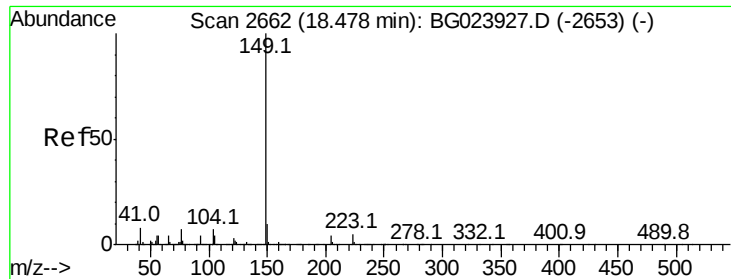
Abundance

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: 46.85 ng

RT: 18.44 min Scan# 2655

Delta R.T. -0.03 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

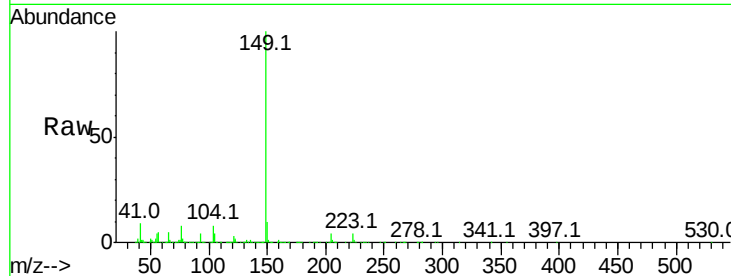
BNA_G

ClientSampleId :

HSR-WC-70-091416MS

Tot Ion:149 Resp: 1216034

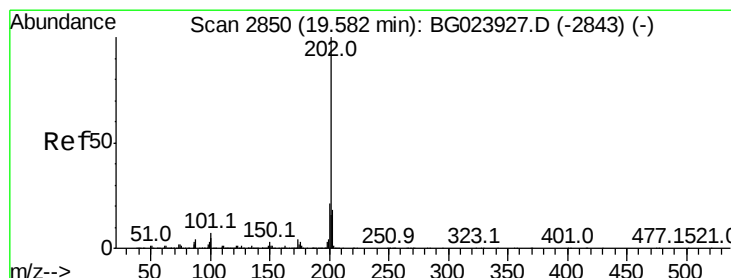
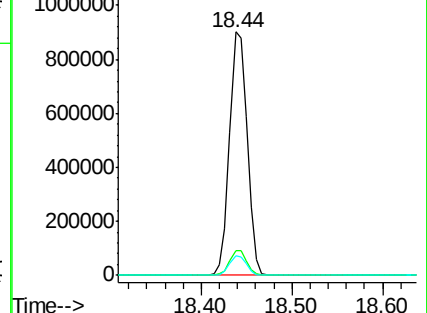
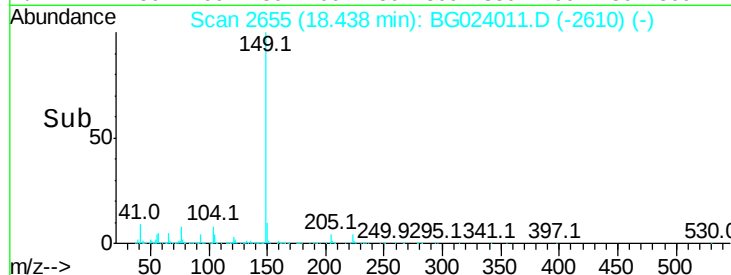
Ion	Ratio	Lower	Upper
149	100		
150	10.2	9.1	13.7
104	8.1	6.9	10.3



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: 46.42 ng

RT: 19.55 min Scan# 2845

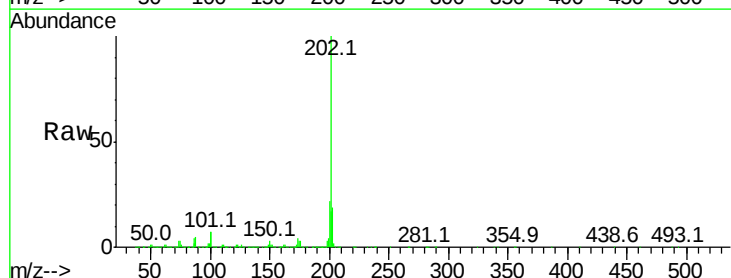
Delta R.T. -0.03 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Tgt Ion:202 Resp: 1313595

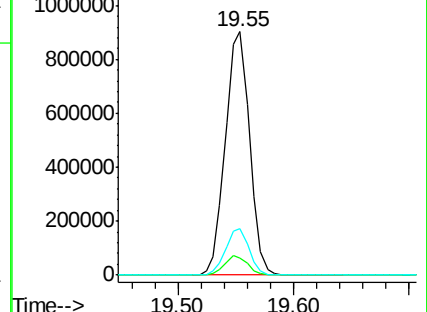
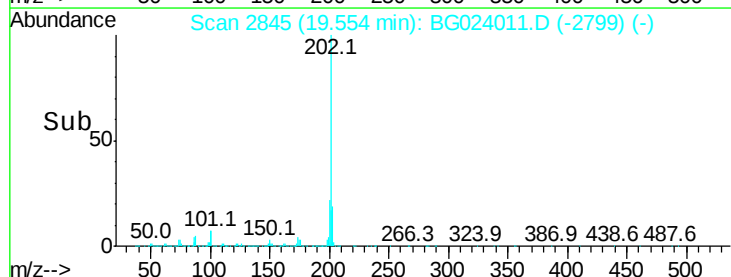
Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	27.4
203	18.9	1.7	41.7

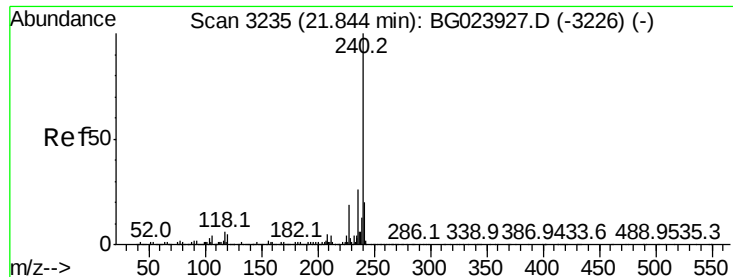


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.80 min Scan# 3228

Delta R.T. -0.04 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MS

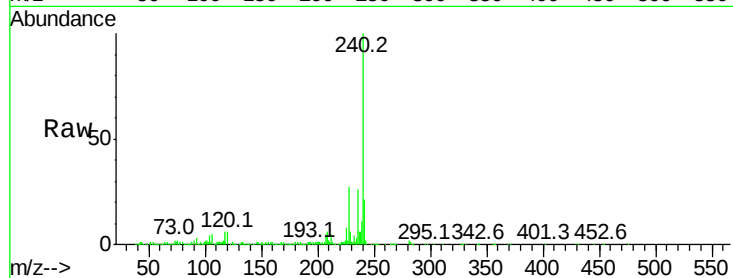
Tot Ion:240 Resp: 463446

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

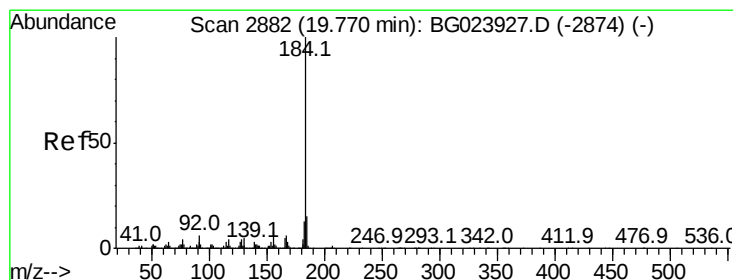
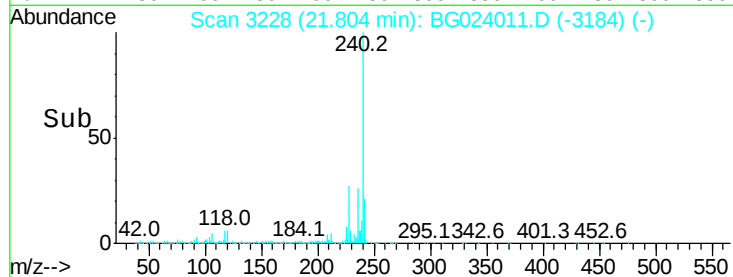
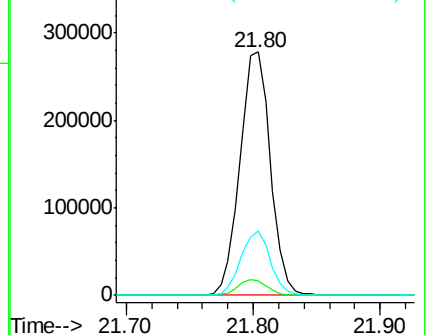
236 26.5 21.1 31.7



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: 9.41 ng

RT: 19.75 min Scan# 2878

Delta R.T. -0.02 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

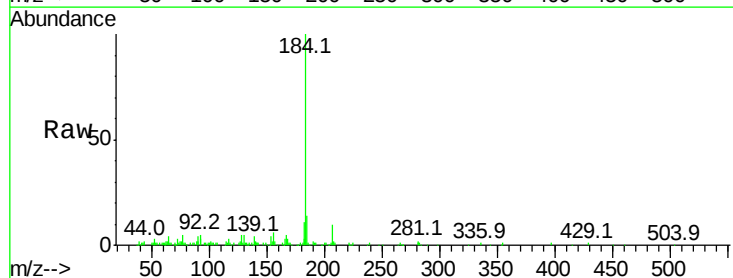
Tgt Ion:184 Resp: 135078

Ion Ratio Lower Upper

184 100

185 13.9 12.6 19.0

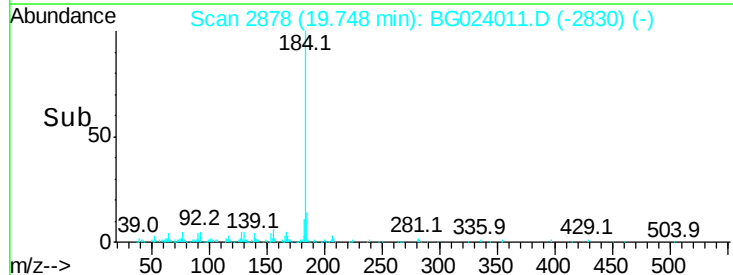
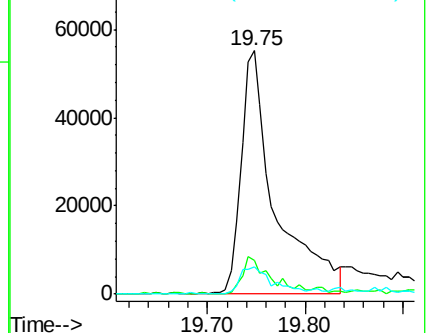
183 11.2 10.7 16.1

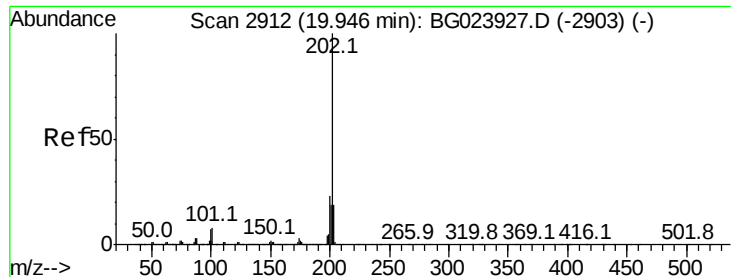


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.59 ng

RT: 19.91 min Scan# 2906

Delta R.T. -0.03 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MS

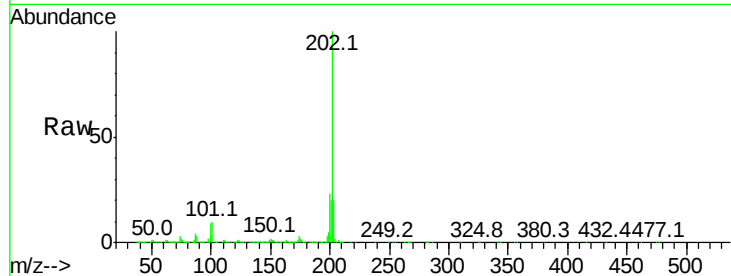
Tot Ion:202 Resp: 1299342

Ion Ratio Lower Upper

202 100

200 22.9 21.2 31.8

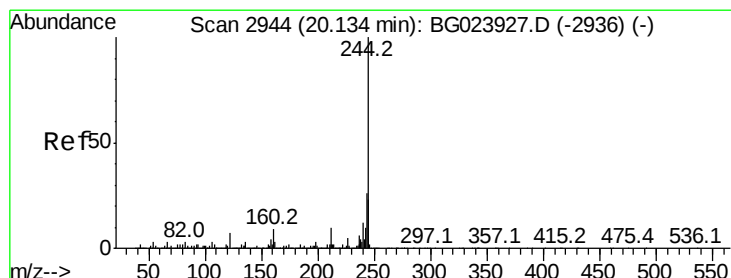
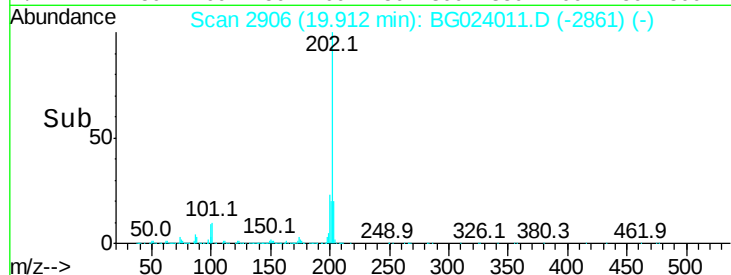
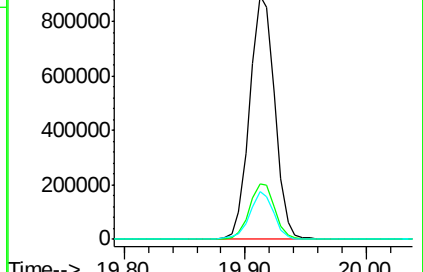
203 19.9 16.8 25.2



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: 82.67 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.03 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

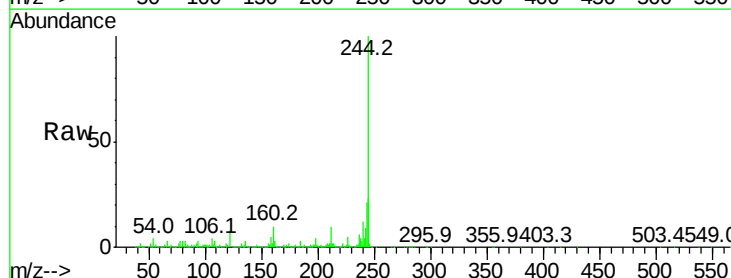
Tgt Ion:244 Resp: 1682351

Ion Ratio Lower Upper

244 100

212 9.9 10.8 16.2#

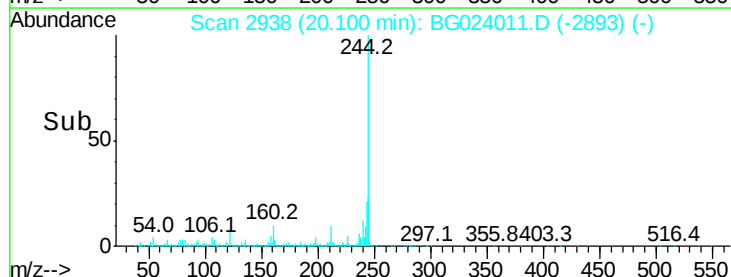
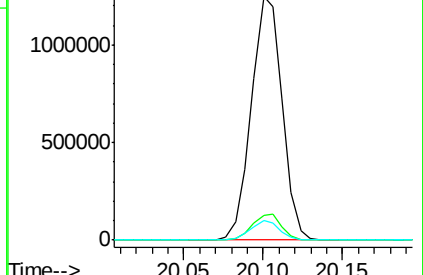
122 8.1 8.0 12.0

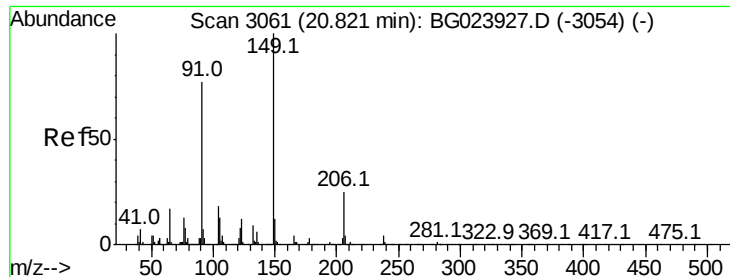


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.57 ng

RT: 20.79 min Scan# 3055

Delta R.T. -0.03 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MS

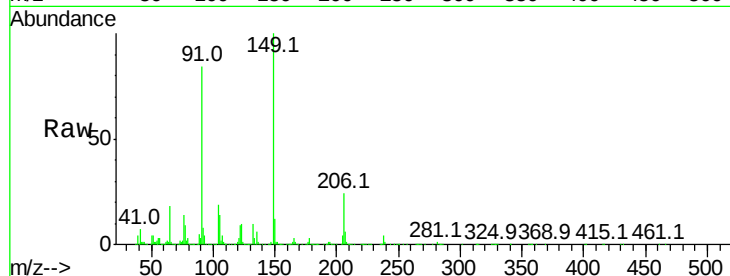
Tot Ion:149 Resp: 522725

Ion Ratio Lower Upper

149 100

91 83.6 68.1 102.1

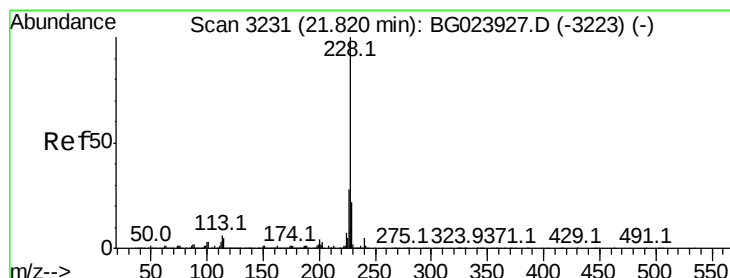
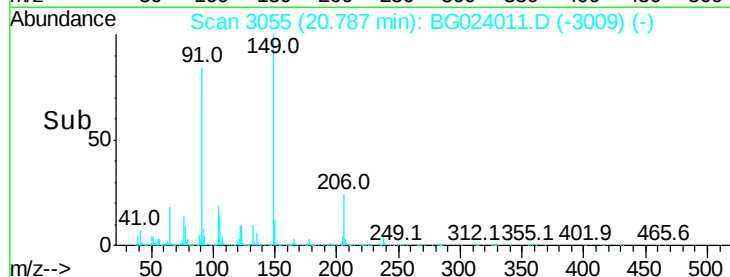
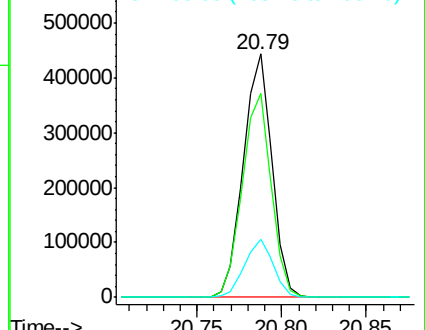
206 23.7 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 49.04 ng

RT: 21.78 min Scan# 3224

Delta R.T. -0.04 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

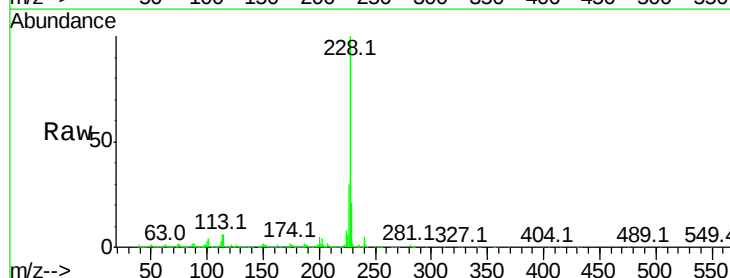
Tgt Ion:228 Resp: 1272340

Ion Ratio Lower Upper

228 100

226 30.2 25.3 37.9

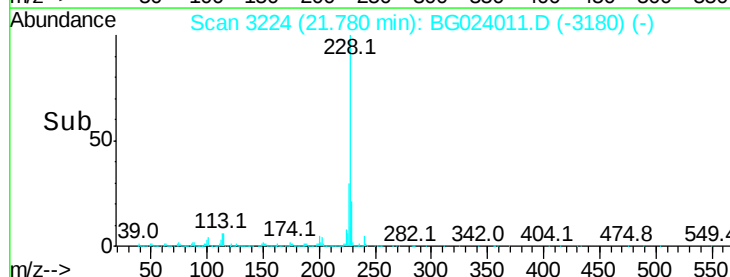
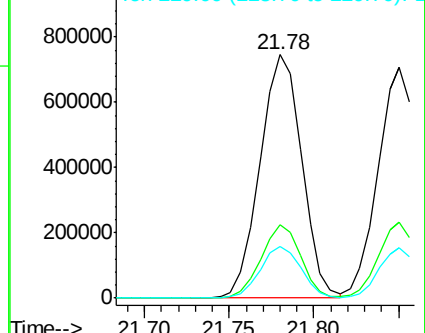
229 21.4 19.9 29.9

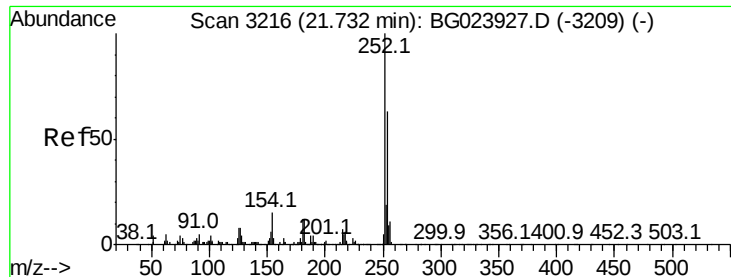


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 24.16 ng

RT: 21.69 min Scan# 3209

Delta R.T. -0.03 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MS

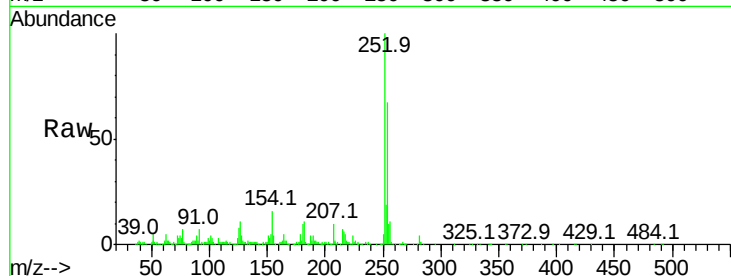
Tot Ion:252 Resp: 250549

Ion Ratio Lower Upper

252 100

254 66.6 51.2 76.8

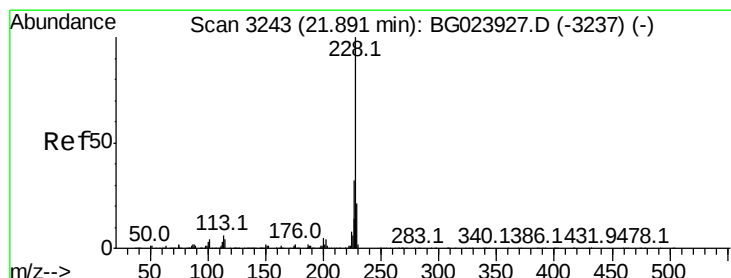
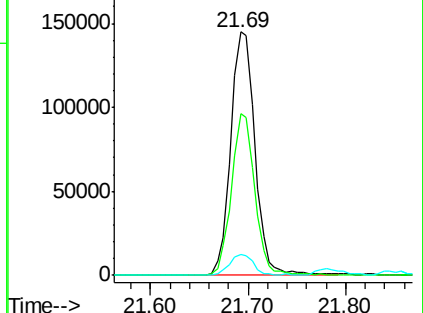
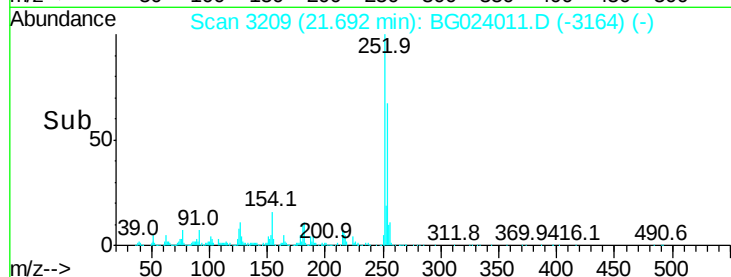
126 8.5 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 47.71 ng

RT: 21.85 min Scan# 3236

Delta R.T. -0.04 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

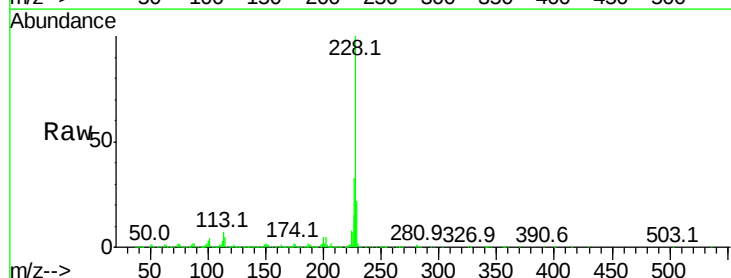
Tgt Ion:228 Resp: 1178140

Ion Ratio Lower Upper

228 100

226 33.0 26.7 40.1

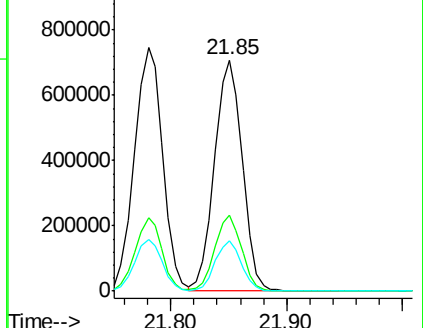
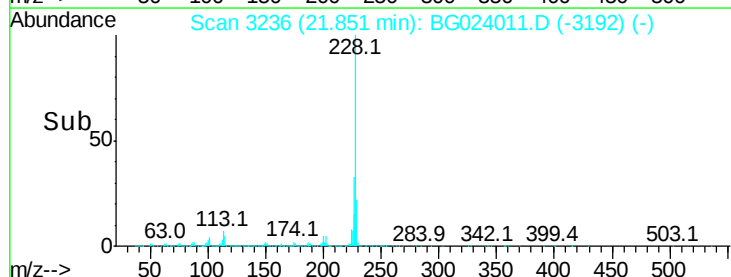
229 22.0 17.4 26.2

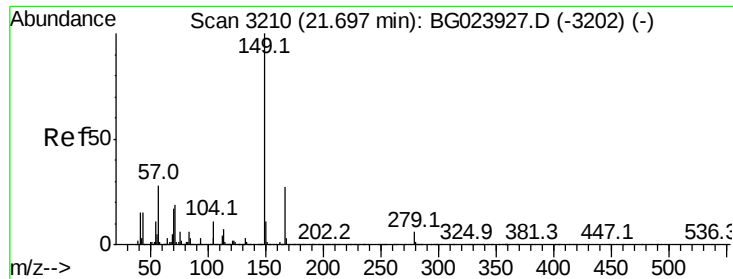


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

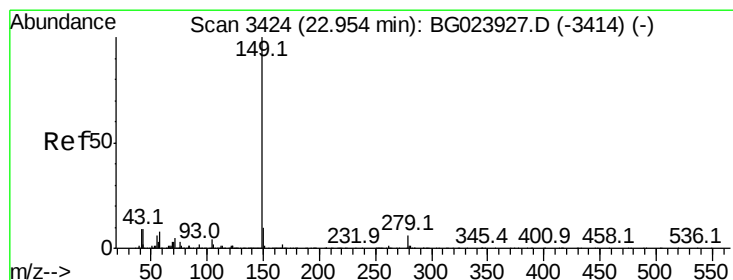
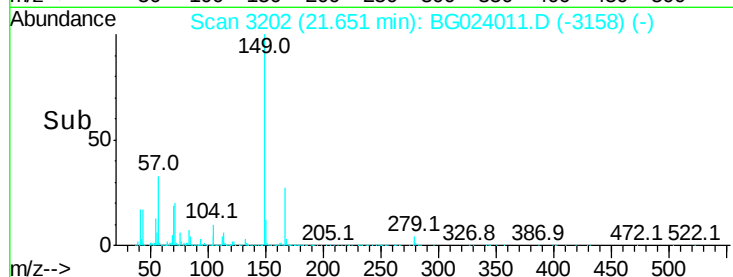
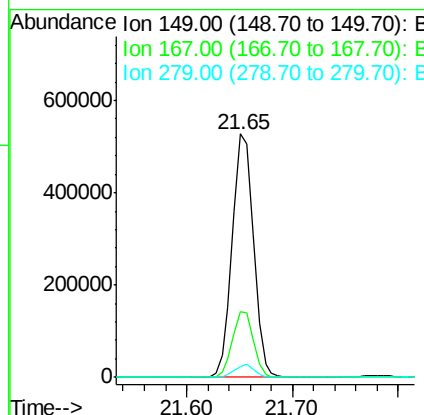
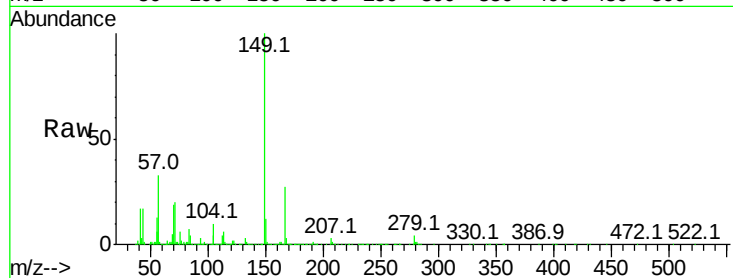




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.57 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.04 min
 Lab File: BG024011.D
 Acq: 17 Sep 2016 2:24

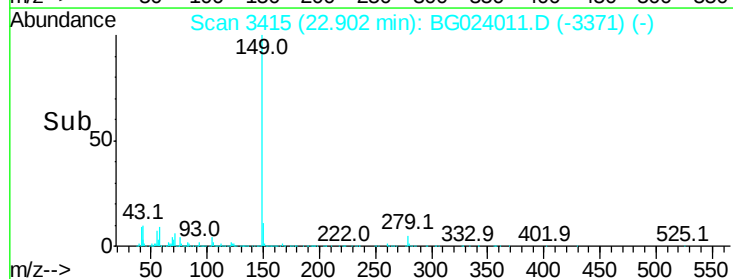
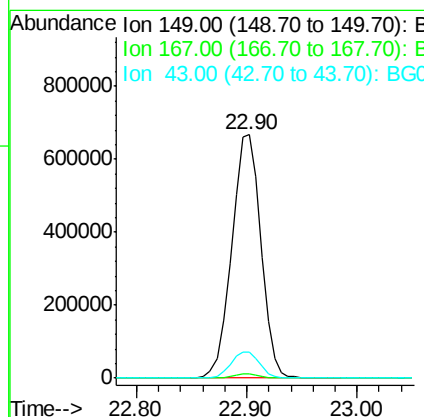
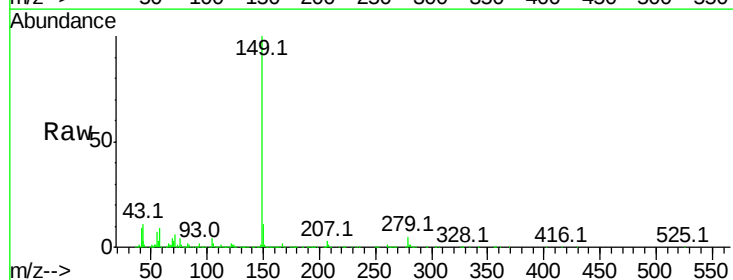
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MS

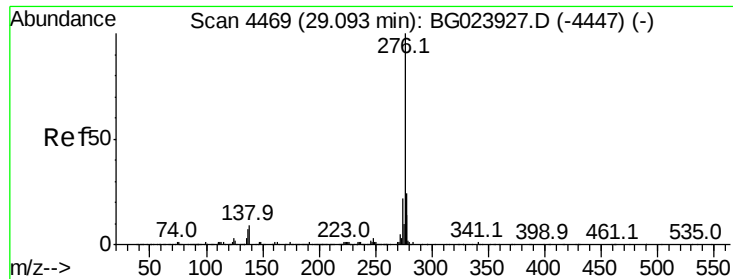
Tot Ion:149 Resp: 730711
 Ion Ratio Lower Upper
 149 100
 167 26.8 24.0 36.0
 279 4.4 4.8 7.2#



#84
 Di-n-octyl phthalate
 Concen: 49.86 ng
 RT: 22.90 min Scan# 3415
 Delta R.T. -0.04 min
 Lab File: BG024011.D
 Acq: 17 Sep 2016 2:24

Tgt Ion:149 Resp: 1230206
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.5 2.3
 43 10.6 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 54.24 ng

RT: 28.98 min Scan# 4449

Delta R.T. -0.11 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

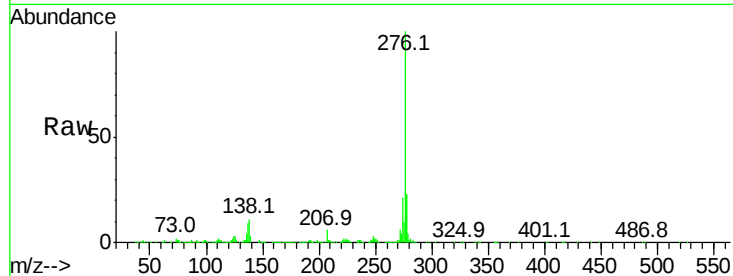
BNA_G

ClientSampleId :

HSR-WC-70-091416MS

Tot Ion:276 Resp: 1483080

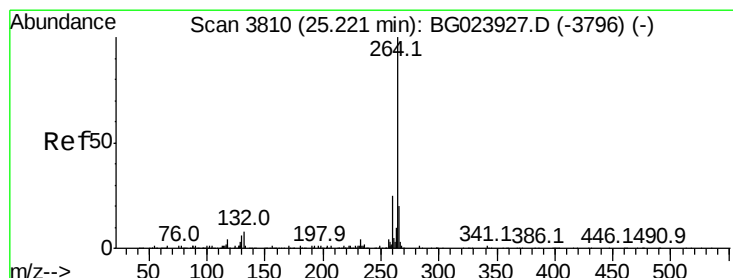
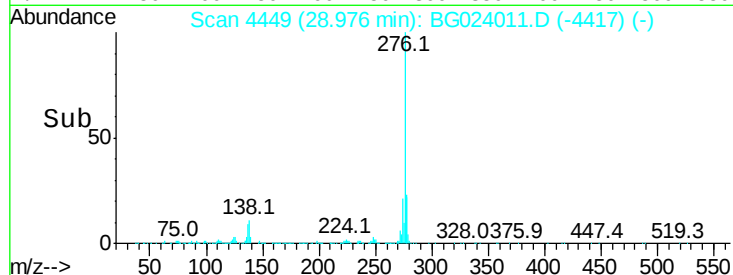
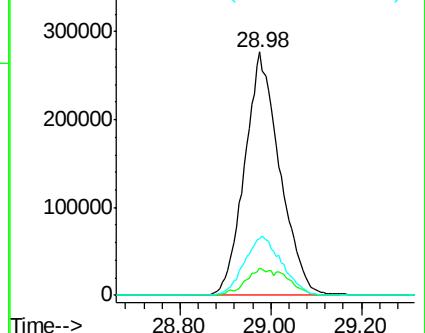
Ion	Ratio	Lower	Upper
276	100		
138	8.3	0.0	0.0#
277	25.9	0.0	0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.15 min Scan# 3797

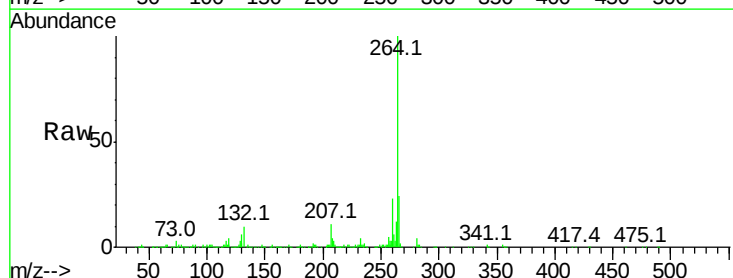
Delta R.T. -0.06 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Tgt Ion:264 Resp: 466242

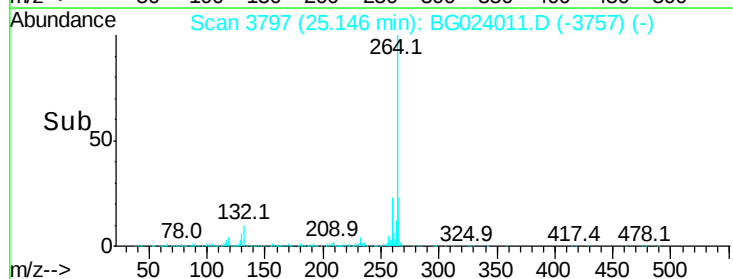
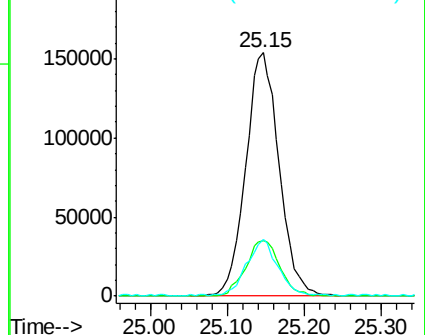
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	23.5	18.9	28.3

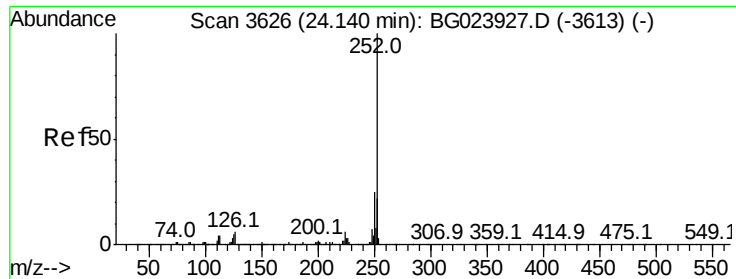


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.36 ng

RT: 24.08 min Scan# 3616

Delta R.T. -0.05 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MS

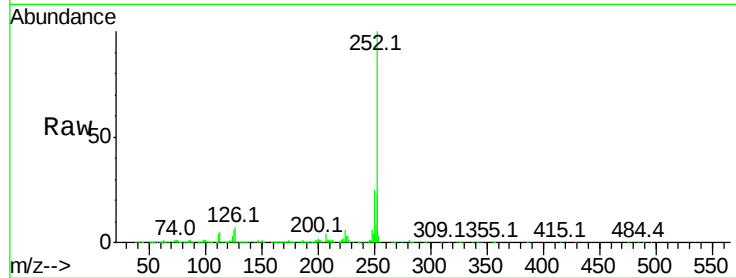
Tot Ion:252 Resp: 1307392

Ion Ratio Lower Upper

252 100

253 23.5 18.9 28.3

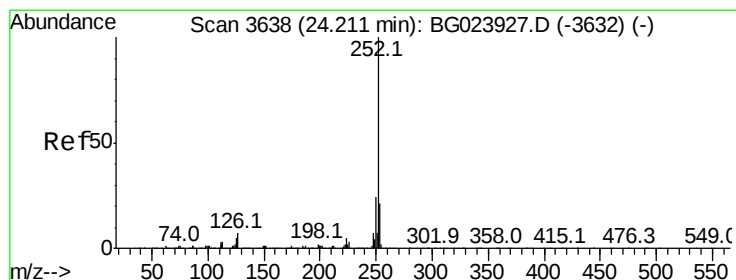
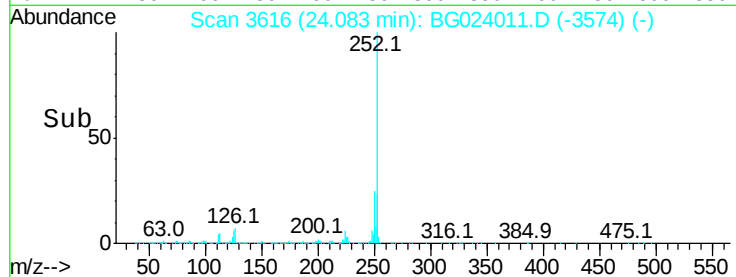
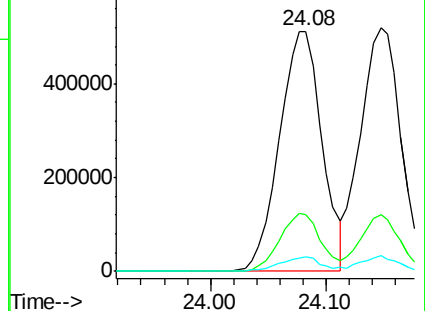
125 5.9 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.98 ng

RT: 24.15 min Scan# 3627

Delta R.T. -0.06 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

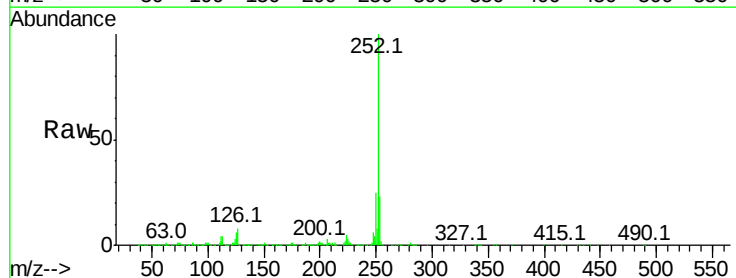
Tgt Ion:252 Resp: 1260123

Ion Ratio Lower Upper

252 100

253 23.1 18.8 28.2

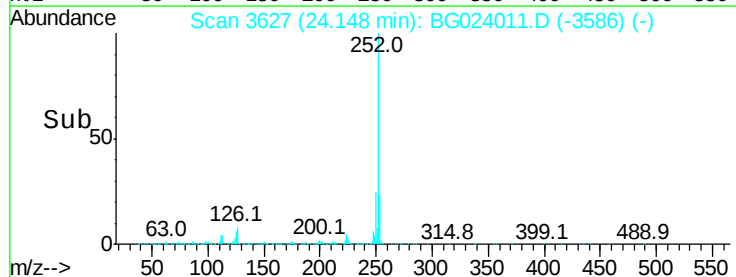
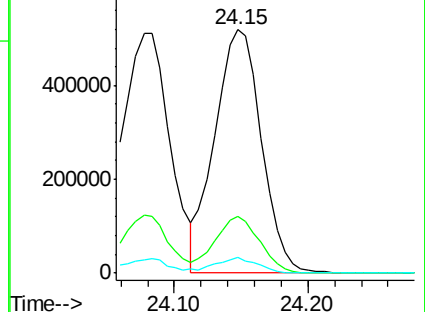
125 6.3 3.2 4.8#

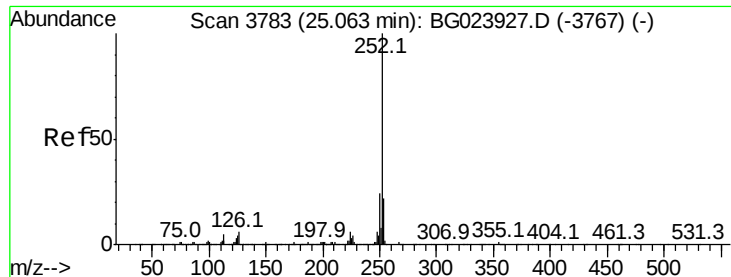


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.18 ng

RT: 24.99 min Scan# 3770

Delta R.T. -0.06 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Instrument :

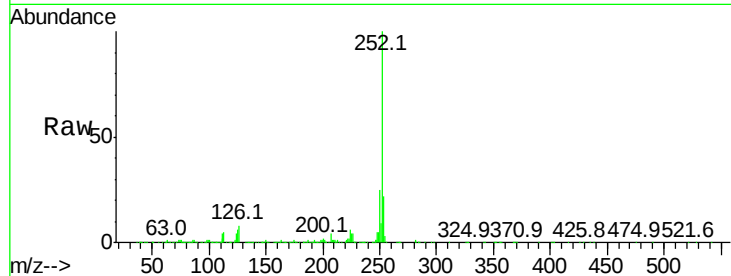
BNA_G

ClientSampleId :

HSR-WC-70-091416MS

Tot Ion:252 Resp: 1261996

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.7	28.1
125	6.2	3.9	5.9#

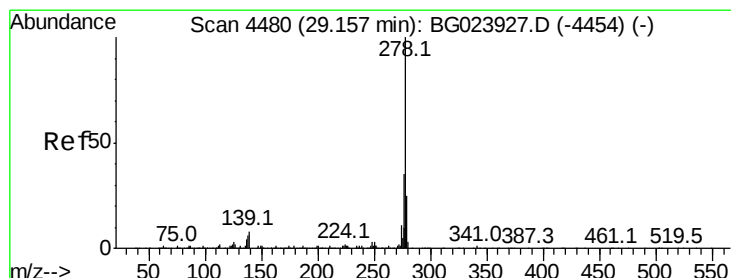
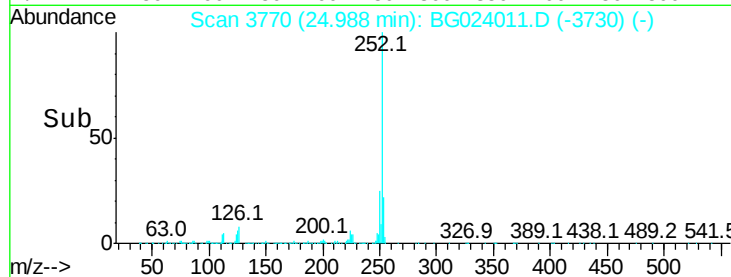
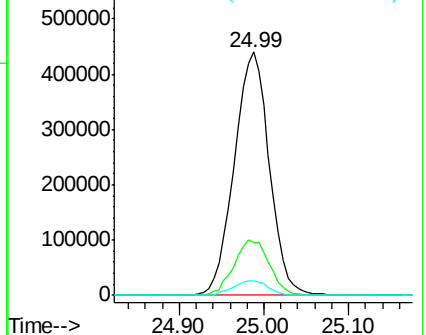


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.81 ng

RT: 29.03 min Scan# 4458

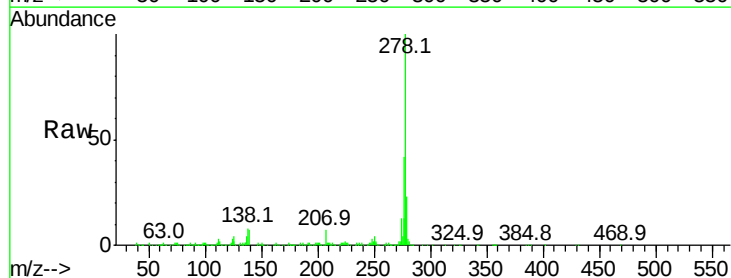
Delta R.T. -0.11 min

Lab File: BG024011.D

Acq: 17 Sep 2016 2:24

Tgt Ion:278 Resp: 1232149

Ion	Ratio	Lower	Upper
278	100		
139	7.3	4.7	7.1#
279	23.2	18.3	27.5

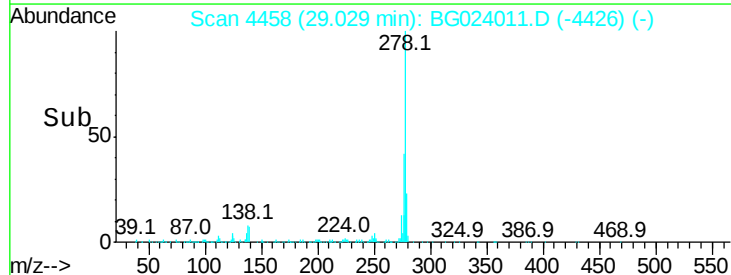
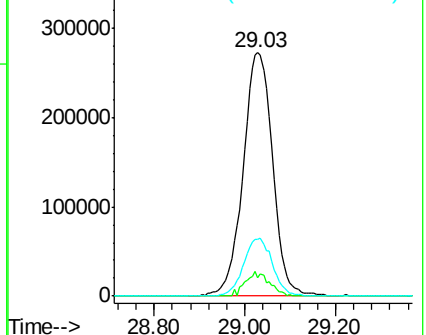


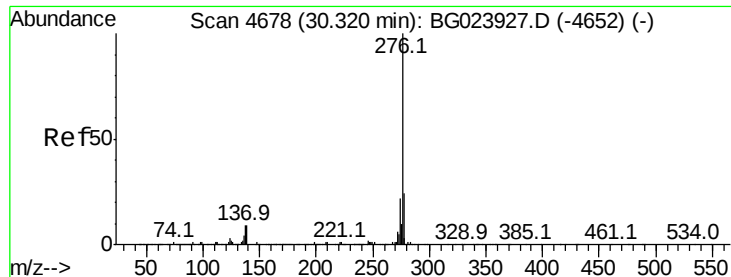
Abundance

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: 51.27 ng
 RT: 30.17 min Scan# 4652
 Delta R.T. -0.13 min
 Lab File: BG024011.D
 Acq: 17 Sep 2016 2:24

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MS

Tot Ion:276 Resp: 1219615
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.6 27.8
 138 11.6 6.8 10.2#

