

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024012.D
 Acq On : 17 Sep 2016 3:02
 Operator : UM/SJ
 Sample : H4790-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Sep 17 04:53:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 04:50:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47662	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	230032	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	200218	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	439903	20.00	ng	0.00
75) Chrysene-d12	21.80	240	473841	20.00	ng	0.00
86) Perylene-d12	25.14	264	467440	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	396290	145.98	ng	0.00
7) Phenol-d6	7.23	99	578291	138.38	ng	0.00
23) Nitrobenzene-d5	9.24	82	504328	97.88	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	357599	99.13	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1009780	72.31	ng	0.00
78) Terphenyl-d14	20.10	244	1688649	81.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	47473	42.40	ng	# 86
3) Pyridine	3.88	79	135507	40.27	ng	92
4) n-Nitrosodimethylamine	3.78	42	95950	54.10	ng	# 85
6) Aniline	7.38	93	96666	17.43	ng	96
8) 2-Chlorophenol	7.62	128	157087	49.95	ng	96
9) Benzaldehyde	7.20	77	14291	4.81	ng	# 83
10) Phenol	7.25	94	216021	49.14	ng	94
11) bis(2-Chloroethyl)ether	7.47	93	172247	49.80	ng	# 82
12) 1,3-Dichlorobenzene	7.94	146	157197	42.71	ng	98
13) 1,4-Dichlorobenzene	8.09	146	162704	41.72	ng	97
14) 1,2-Dichlorobenzene	8.41	146	155403	42.46	ng	97
15) Benzyl Alcohol	8.31	79	228428	62.00	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	221435	47.76	ng	94
17) 2-Methylphenol	8.51	107	159899	53.99	ng	96
18) Hexachloroethane	9.14	117	66606	44.36	ng	99
19) n-Nitroso-di-n-propylamine	8.87	70	193163	52.32	ng	92
20) 3+4-Methylphenols	8.86	107	216300	52.40	ng	95
22) Acetophenone	8.89	105	271621	45.61	ng	# 96
24) Nitrobenzene	9.28	77	285319	51.49	ng	98
25) Isophorone	9.80	82	519672	52.01	ng	99
26) 2-Nitrophenol	9.99	139	101985	48.42	ng	95
27) 2,4-Dimethylphenol	10.06	122	177263	49.52	ng	88
28) bis(2-Chloroethoxy)methane	10.28	93	265213	52.57	ng	97
29) 2,4-Dichlorophenol	10.55	162	198767	52.41	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	193388	46.49	ng	94
31) Naphthalene	10.93	128	596024	50.29	ng	99
32) Benzoic acid	10.23	122	89815	30.89	ng	98
33) 4-Chloroaniline	11.08	127	25571	5.17	ng	# 90
34) Hexachlorobutadiene	11.21	225	142970	45.76	ng	94
35) Caprolactam	11.86	113	60000m	44.89	ng	
36) 4-Chloro-3-methylphenol	12.20	107	254970	50.31	ng	96
37) 2-Methylnaphthalene	12.54	142	441768	48.99	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	239028	35.97	ng	96
40) Hexachlorocyclopentadiene	12.89	237	298669	75.06	ng	98

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024012.D
 Acq On : 17 Sep 2016 3:02
 Operator : UM/SJ
 Sample : H4790-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Sep 17 04:53:04 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 04:50:01 2016
 Response via : Initial Calibration

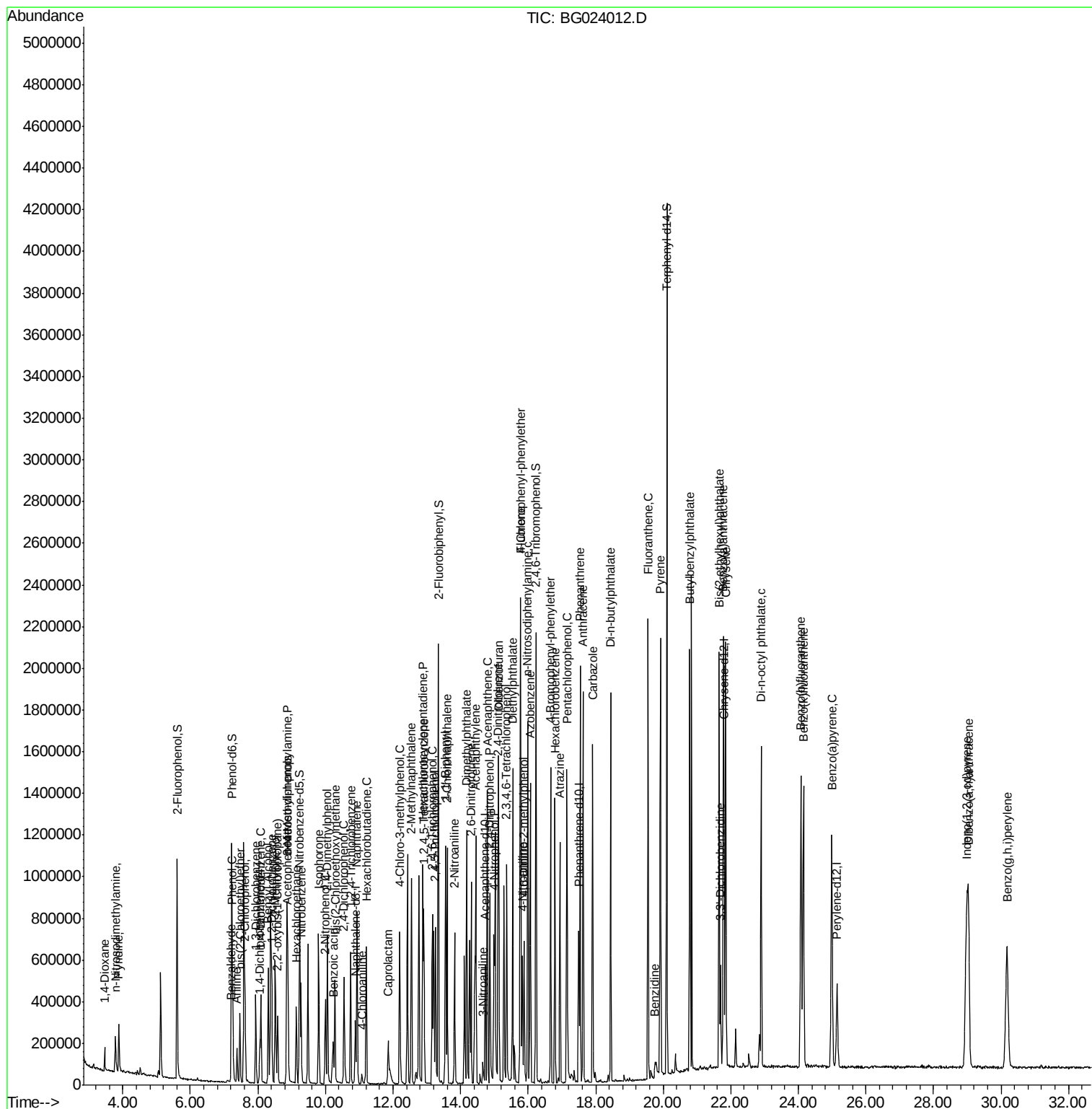
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	182736	41.20	nq	97
43) 2,4,5-Trichlorophenol	13.26	196	195020	43.50	nq	94
45) 1,1'-Biphenyl	13.55	154	553150	34.35	nq	94
46) 2-Chloronaphthalene	13.60	162	491777	41.60	nq	96
47) 2-Nitroaniline	13.82	65	223185	47.92	nq	96
48) Acenaphthylene	14.45	152	783538	39.76	nq	99
49) Dimethylphthalate	14.18	163	712310	41.49	nq	99
50) 2,6-Dinitrotoluene	14.31	165	157128	43.36	nq	96
51) Acenaphthene	14.79	154	508499	41.74	nq	100
52) 3-Nitroaniline	14.66	138	23534	6.94	nq	# 73
53) 2,4-Dinitrophenol	14.86	184	188797	71.97	nq	93
54) Dibenzofuran	15.13	168	838605	44.10	nq	98
55) 4-Nitrophenol	14.99	139	188300	69.81	nq	85
56) 2,4-Dinitrotoluene	15.11	165	228490	42.89	nq	89
57) Fluorene	15.78	166	690342	41.86	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.36	232	197929	43.50	nq	93
59) Diethylphthalate	15.54	149	748727	40.85	nq	100
60) 4-Chlorophenyl-phenylether	15.77	204	376410	42.40	nq	99
61) 4-Nitroaniline	15.83	138	114902	33.53	nq	98
62) Azobenzene	16.06	77	844061	47.55	nq	94
64) 4,6-Dinitro-2-methylphenol	15.88	198	141575	46.36	nq	91
65) n-Nitrosodiphenylamine	15.99	169	626651	50.15	nq	98
66) 4-Bromophenyl-phenylether	16.67	248	268808	50.23	nq	97
67) Hexachlorobenzene	16.79	284	281219	44.80	nq	95
68) Atrazine	16.94	200	220788	41.07	nq	96
69) Pentachlorophenol	17.15	266	286478	85.93	nq	96
70) Phenanthrene	17.54	178	1141202	49.87	nq	97
71) Anthracene	17.63	178	1168362	50.05	nq	97
72) Carbazole	17.91	167	981481	46.33	nq	97
73) Di-n-butylphthalate	18.44	149	1211707	47.94	nq	98
74) Fluoranthene	19.55	202	1325122	48.10	nq	95
76) Benzidine	19.75	184	134278	9.15	nq	96
77) Pyrene	19.92	202	1314105	45.09	nq	95
79) Butylbenzylphthalate	20.79	149	549361	48.90	nq	97
80) Benzo(a)anthracene	21.78	228	1344635	50.69	nq	94
81) 3,3'-Dichlorobenzidine	21.70	252	189421	17.87	nq	# 98
82) Chrysene	21.85	228	1247190	49.40	nq	100
83) Bis(2-ethylhexyl)phthalate	21.66	149	758562	49.32	nq	98
84) Di-n-octyl phthalate	22.90	149	1298357	51.47	nq	100
85) Indeno(1,2,3-cd)pyrene	28.98	276	1569499	56.14	nq	# 100
87) Benzo(b)fluoranthene	24.08	252	1388928	52.31	nq	98
88) Benzo(k)fluoranthene	24.15	252	1343726	51.04	nq	# 96
89) Benzo(a)pyrene	24.99	252	1323980	52.51	nq	# 97
90) Dibenzo(a,h)anthracene	29.04	278	1284367	51.79	nq	# 97
91) Benzo(g,h,i)perylene	30.18	276	1302065	54.60	nq	# 97

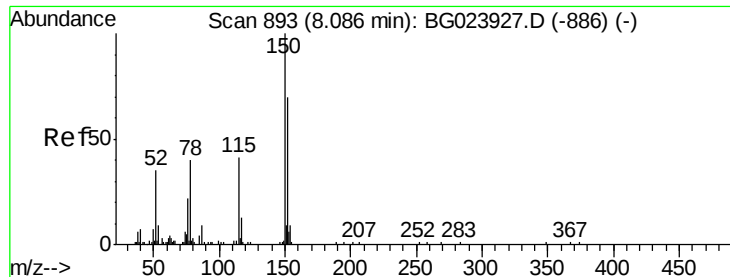
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024012.D
Acq On : 17 Sep 2016 3:02
Operator : UM/SJ
Sample : H4790-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Sep 17 04:53:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 17 04:50:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

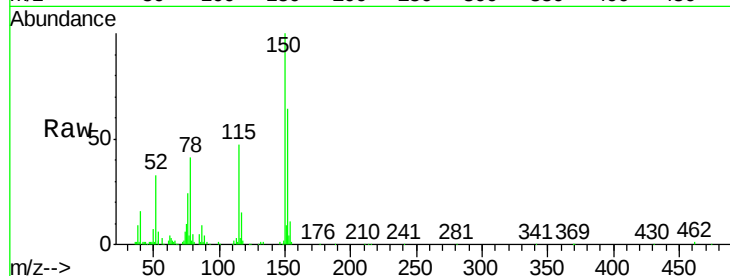
Tot Ion:152 Resp: 47662

Ion Ratio Lower Upper

152 100

150 156.0 144.7 217.1

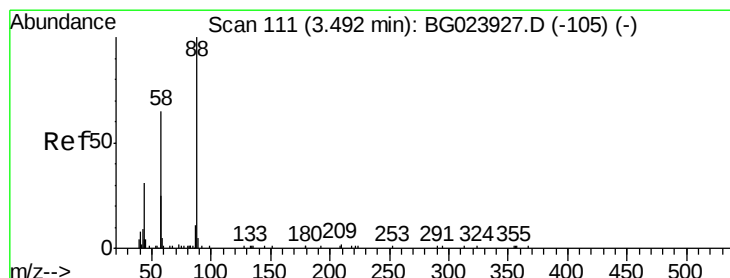
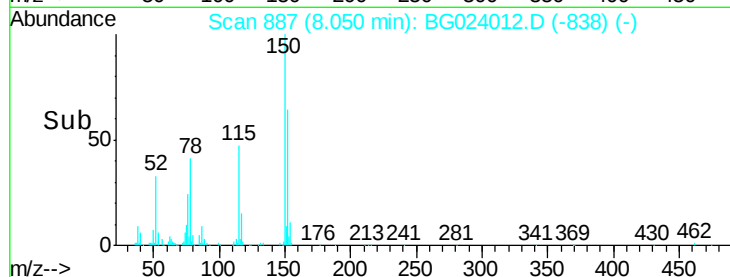
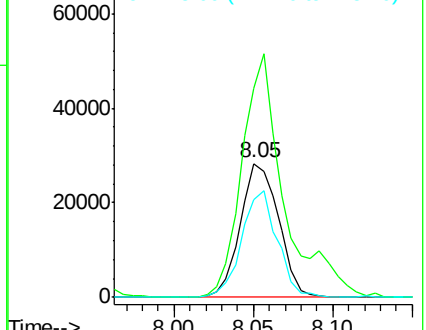
115 73.5 64.0 96.0



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: 42.40 ng

RT: 3.46 min Scan# 106

Delta R.T. 0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

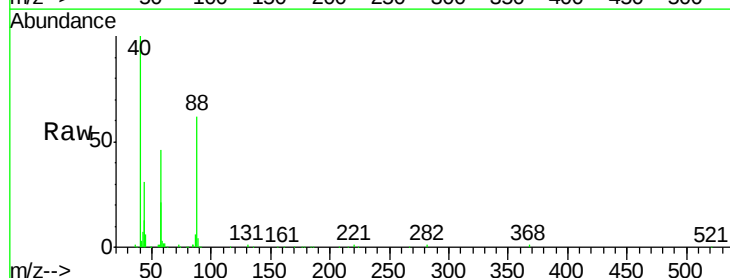
Tgt Ion: 88 Resp: 47473

Ion Ratio Lower Upper

88 100

58 83.6 60.4 90.6

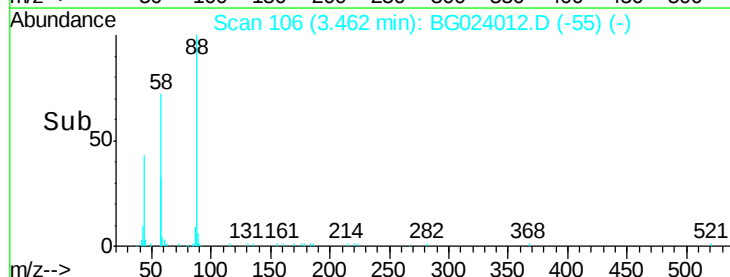
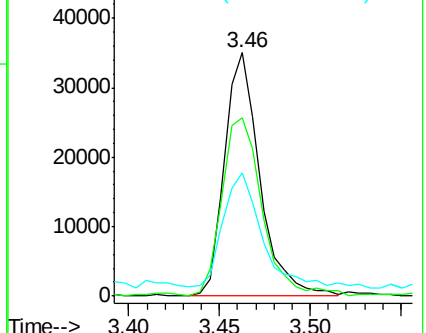
43 53.4 31.1 46.7#

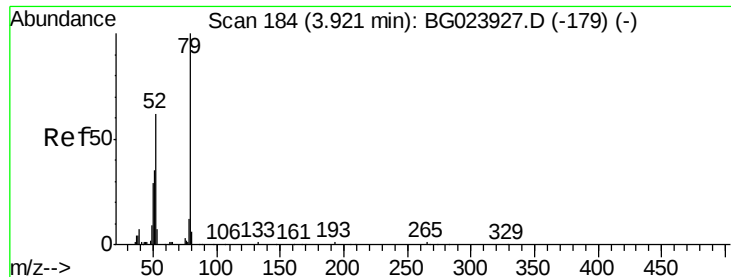


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.27 ng

RT: 3.88 min Scan# 177

Delta R.T. 0.01 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

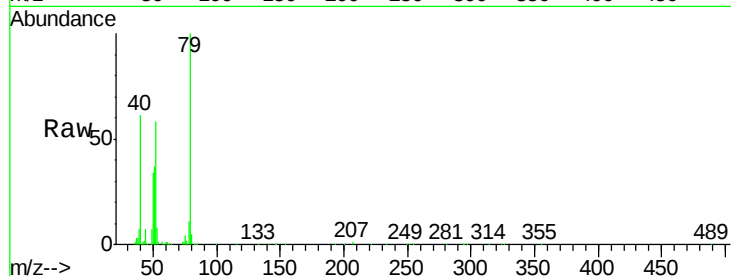
Tot Ion: 79 Resp: 135507

Ion Ratio Lower Upper

79 100

52 58.0 51.8 77.8

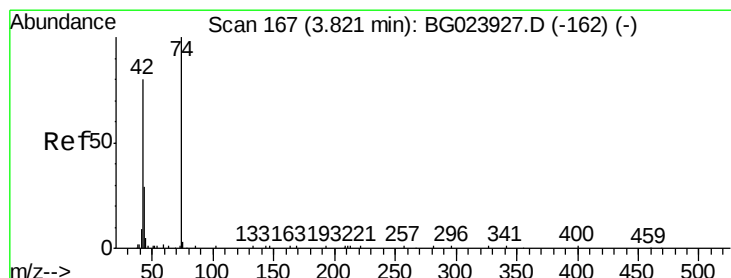
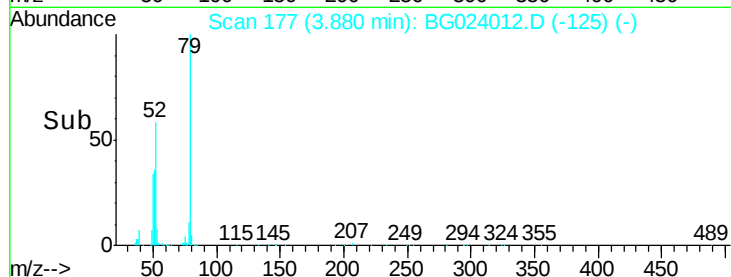
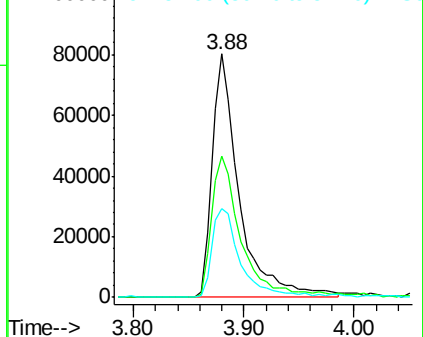
51 36.5 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 54.10 ng

RT: 3.78 min Scan# 160

Delta R.T. -0.01 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

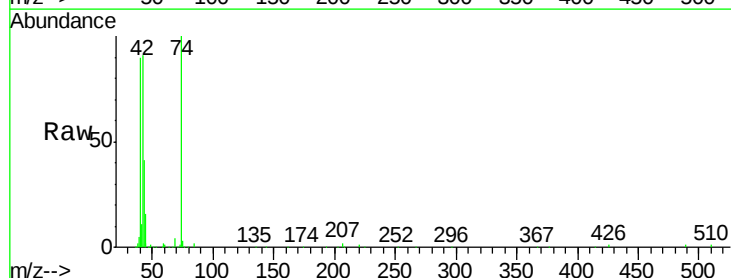
Tgt Ion: 42 Resp: 95950

Ion Ratio Lower Upper

42 100

74 109.9 100.6 150.8

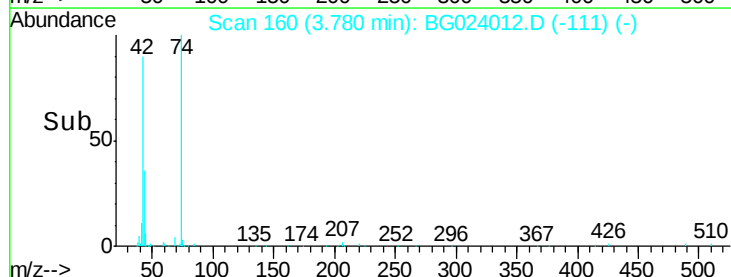
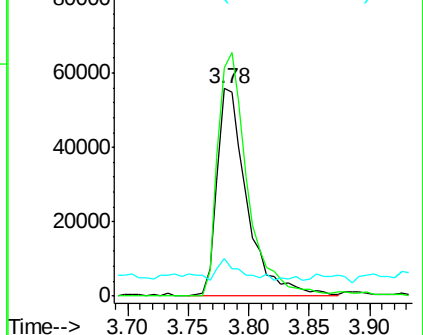
44 17.9 4.5 6.7#

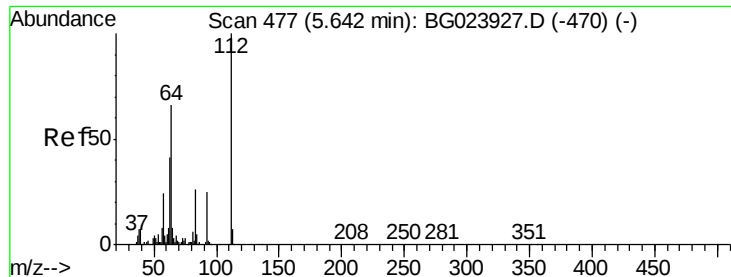


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 145.98 ng

RT: 5.61 min Scan# 471

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

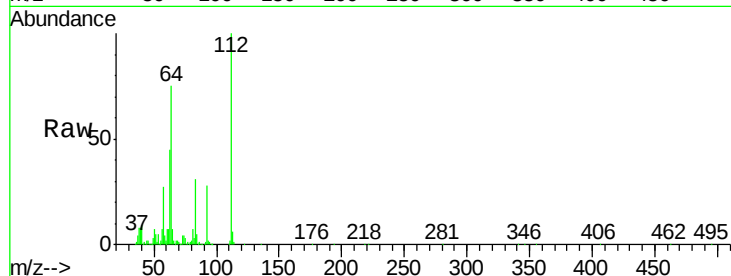
Tot Ion:112 Resp: 396290

Ion Ratio Lower Upper

112 100

64 75.5 59.0 88.4

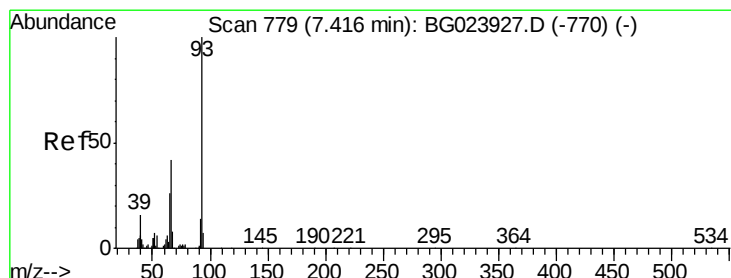
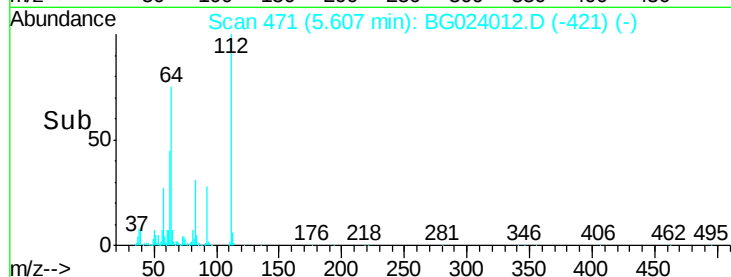
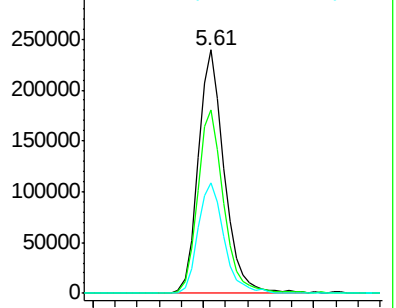
63 45.4 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 17.43 ng

RT: 7.38 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

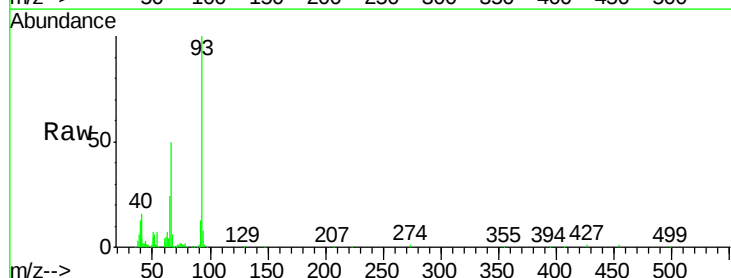
Tgt Ion: 93 Resp: 96666

Ion Ratio Lower Upper

93 100

66 49.9 37.5 56.3

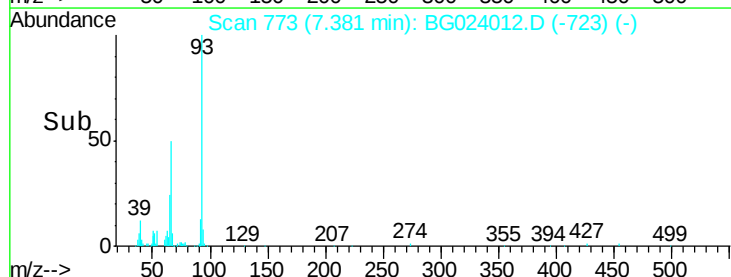
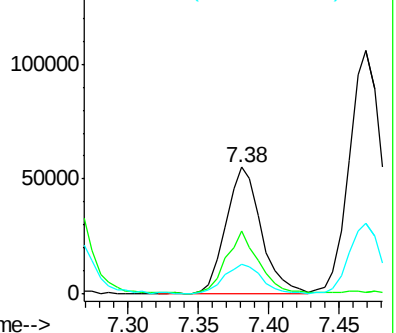
65 23.5 17.9 26.9

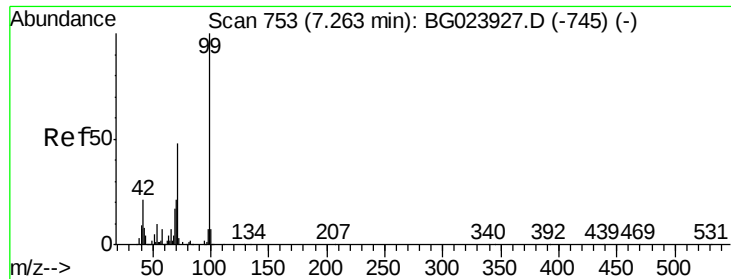


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 138.38 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

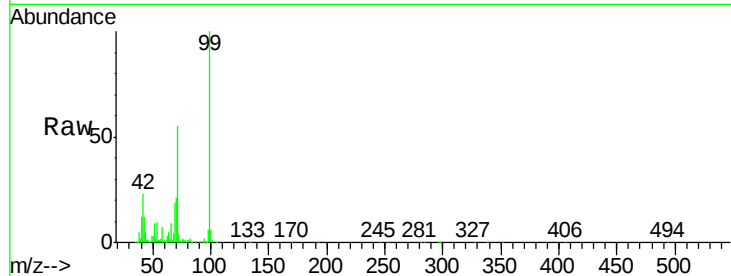
Tot Ion: 99 Resp: 578291

Ion	Ratio	Lower	Upper
99	100		
42	22.7	17.8	26.6
71	55.0	41.5	62.3

99 100

42 22.7 17.8 26.6

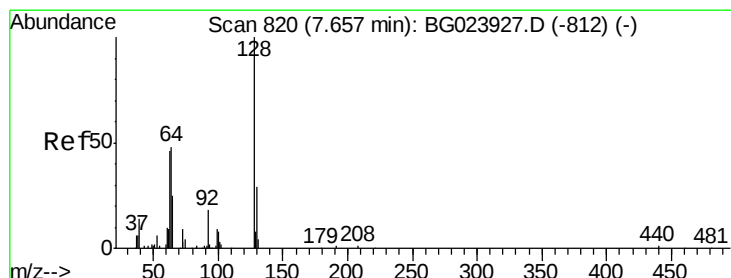
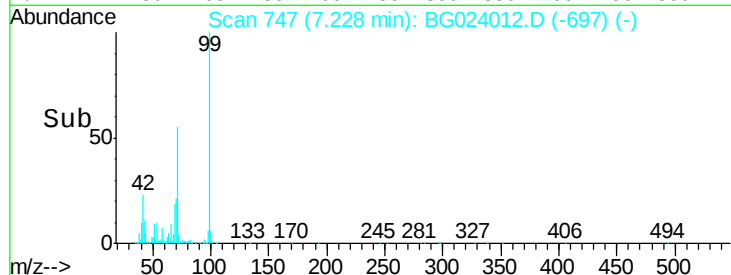
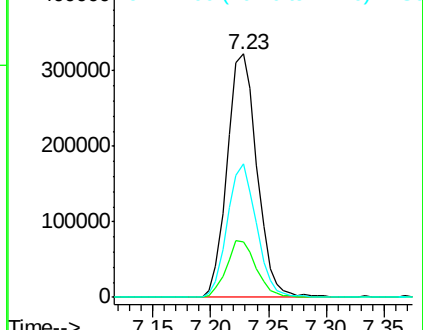
71 55.0 41.5 62.3



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: 49.95 ng

RT: 7.62 min Scan# 814

Delta R.T. -0.01 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

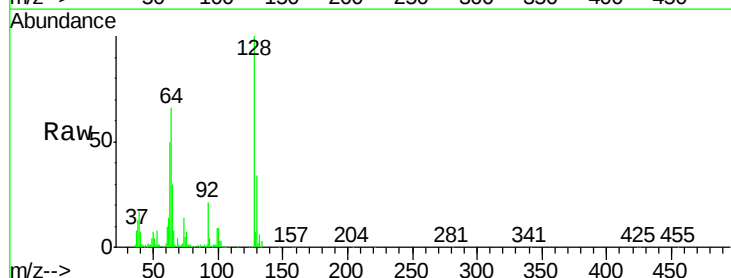
Tgt Ion: 128 Resp: 157087

Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.9	52.9
64	65.7	42.0	82.0

128 100

130 33.7 12.9 52.9

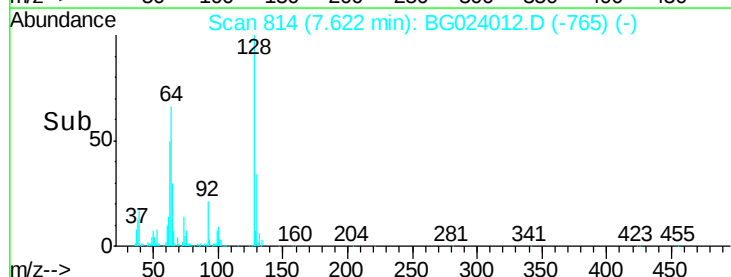
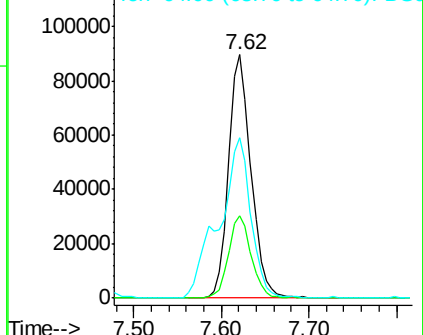
64 65.7 42.0 82.0



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: 4.81 ng

RT: 7.20 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

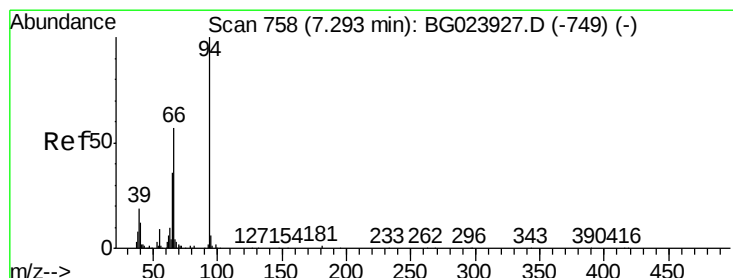
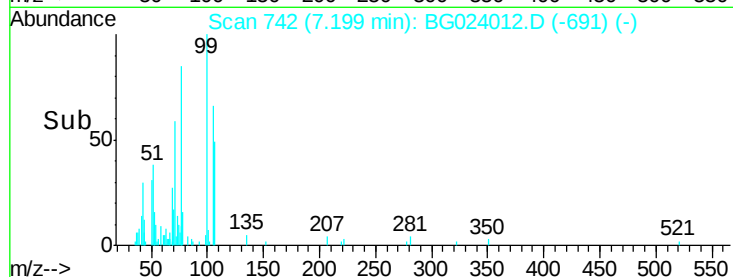
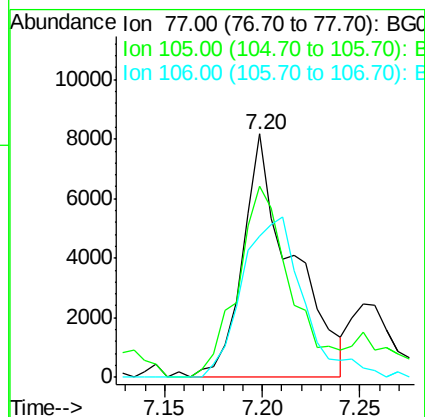
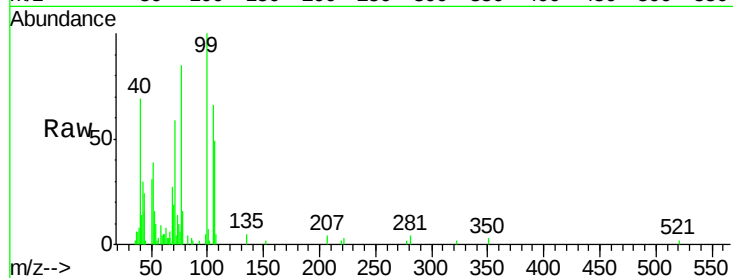
Tot Ion: 77 Resp: 14291

Ion Ratio Lower Upper

77 100

105 78.6 58.7 98.7

106 58.0 67.5 107.5#



#10

Phenol

Concen: 49.14 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

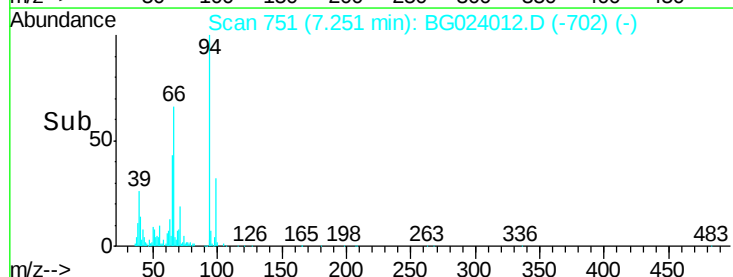
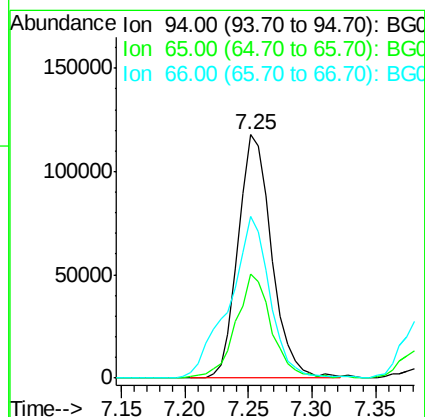
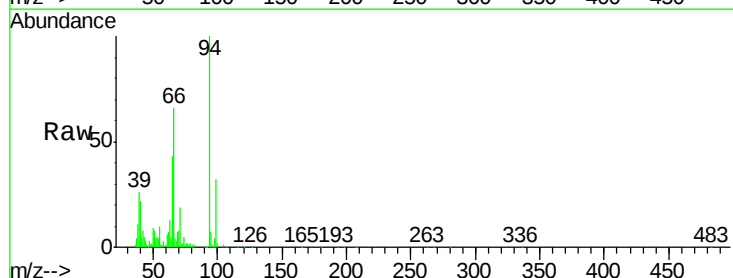
Tgt Ion: 94 Resp: 216021

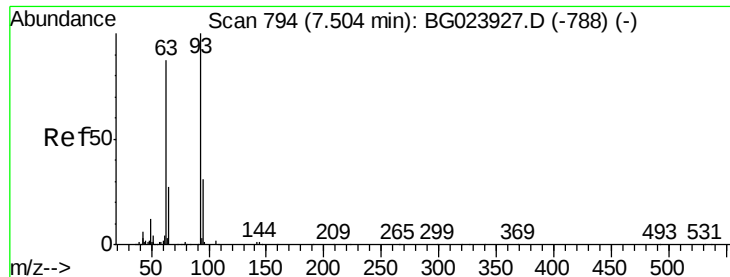
Ion Ratio Lower Upper

94 100

65 42.6 18.1 58.1

66 66.3 42.1 82.1

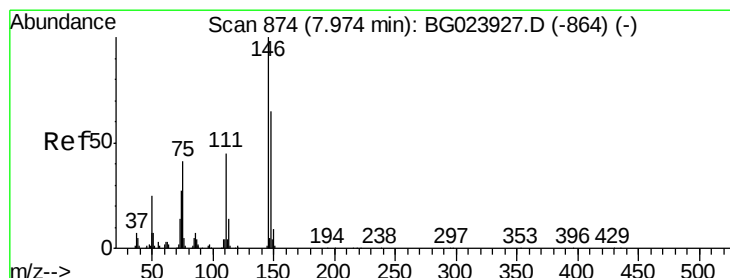
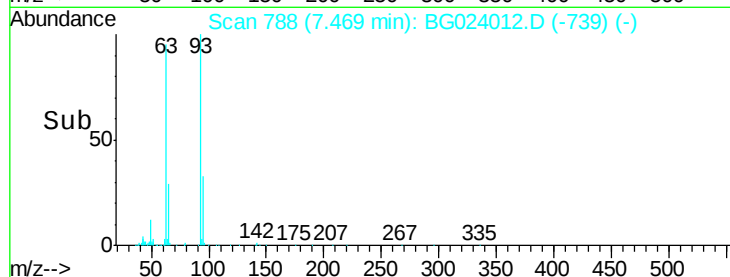
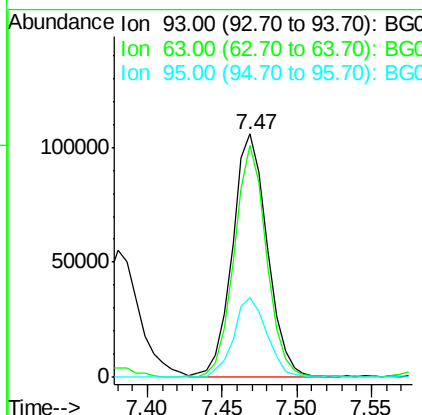
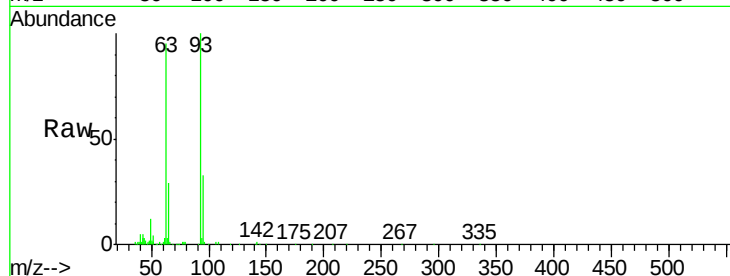




#11
bis(2-Chloroethyl)ether
Concen: 49.80 ng
RT: 7.47 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

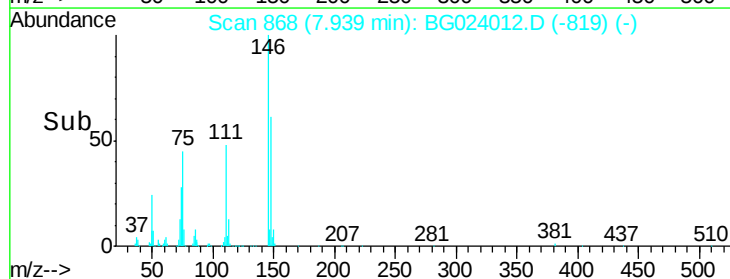
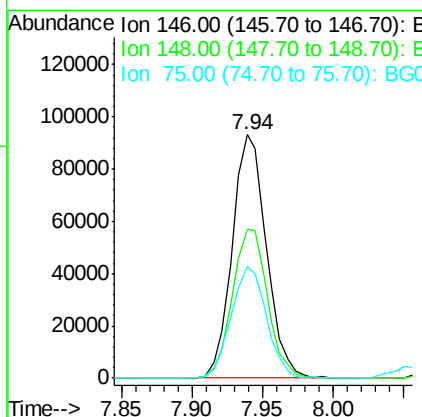
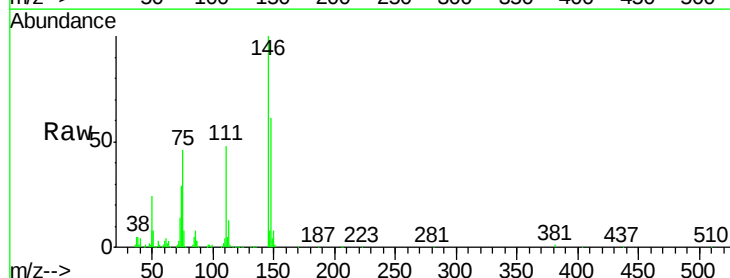
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	95.4	55.0	95.0#
95	32.5	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 42.71 ng
RT: 7.94 min Scan# 868
Delta R.T. -0.01 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.3	50.3	75.5
75	45.8	37.0	55.6

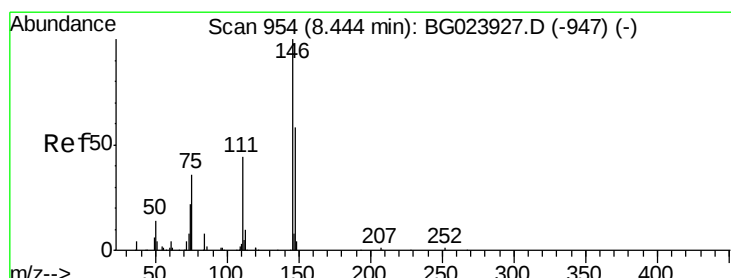
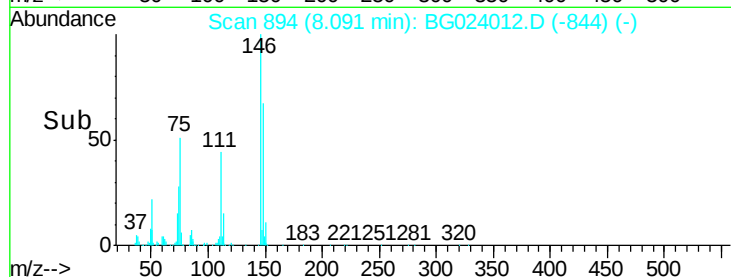
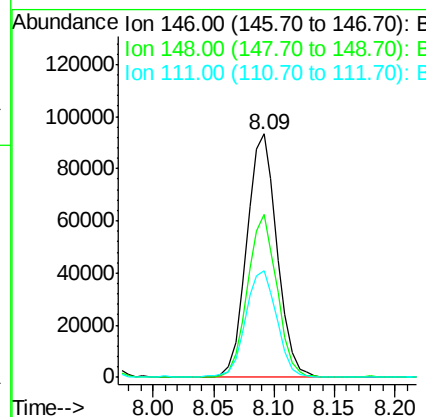
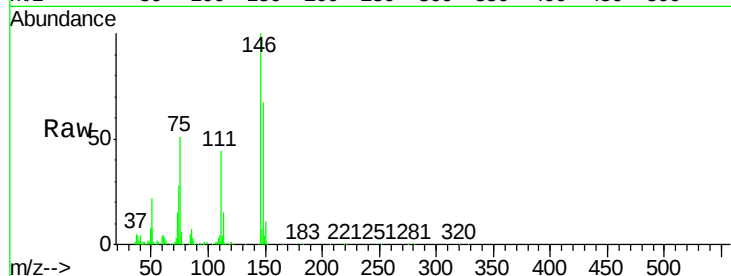




#13
 1,4-Dichlorobenzene
 Concen: 41.72 ng
 RT: 8.09 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

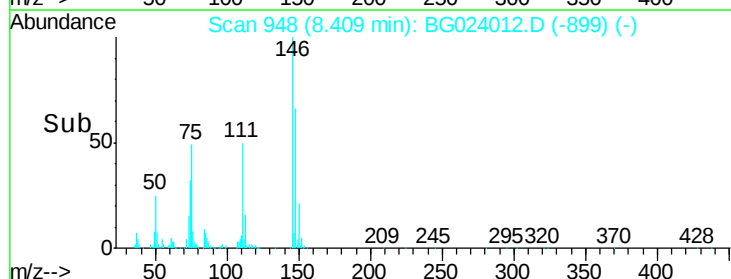
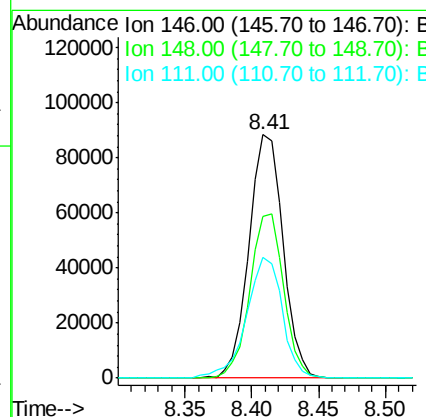
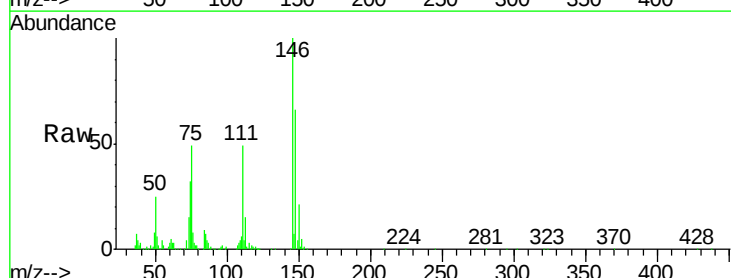
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	54.5	81.7
111	44.0	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 42.46 ng
 RT: 8.41 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.9	79.3
111	49.4	43.5	65.3





#15

Benzyl Alcohol

Concen: 62.00 ng

RT: 8.31 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

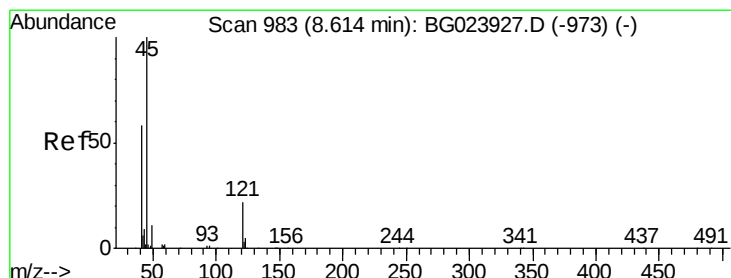
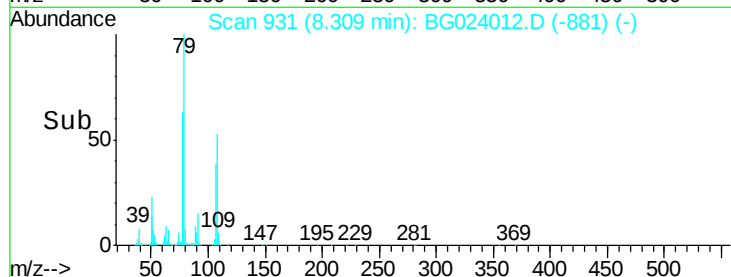
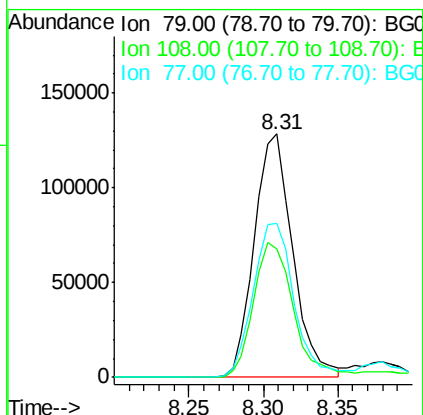
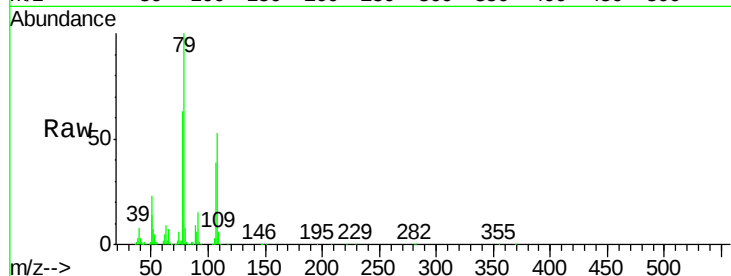
Tot Ion: 79 Resp: 228428

Ion Ratio Lower Upper

79 100

108 52.8 46.5 69.7

77 63.5 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.76 ng

RT: 8.58 min Scan# 978

Delta R.T. -0.01 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

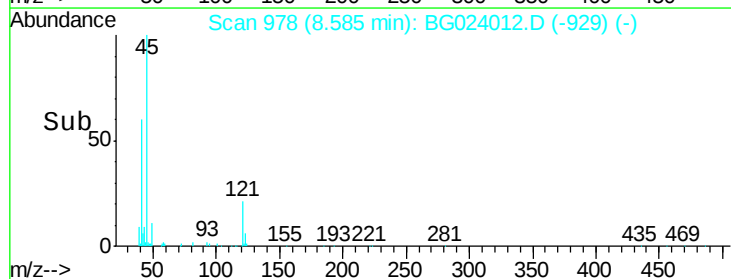
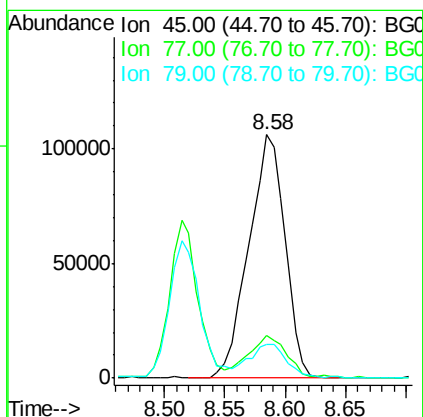
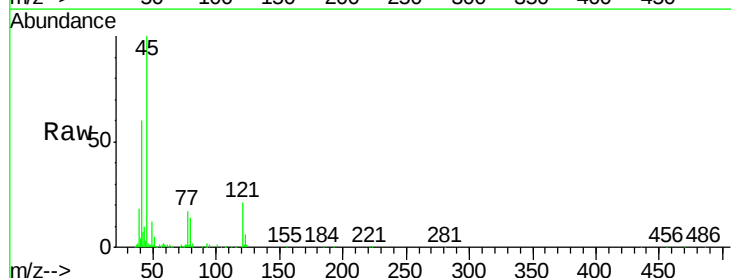
Tgt Ion: 45 Resp: 221435

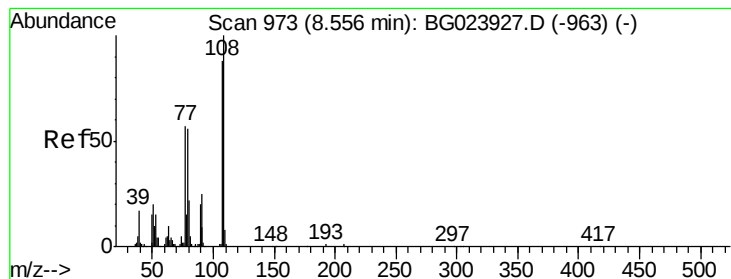
Ion Ratio Lower Upper

45 100

77 17.4 0.6 40.6

79 13.7 0.0 36.2





#17

2-Methylphenol

Concen: 53.99 ng

RT: 8.51 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

Tot Ion:107 Resp: 159899

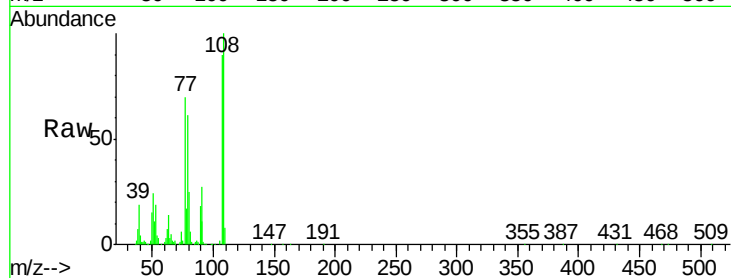
Ion Ratio Lower Upper

107 100

108 111.7 92.0 138.0

77 77.7 55.8 83.6

79 68.0 55.0 82.6

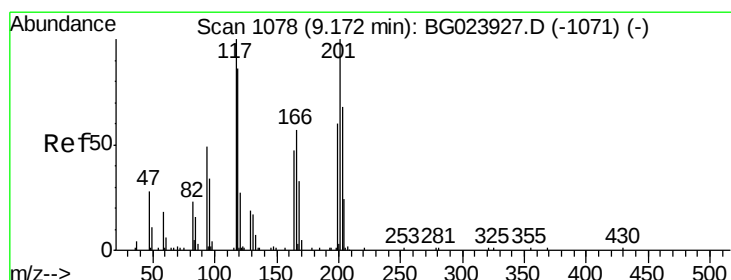
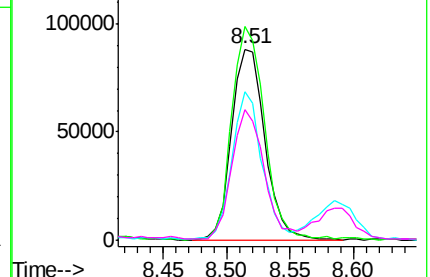
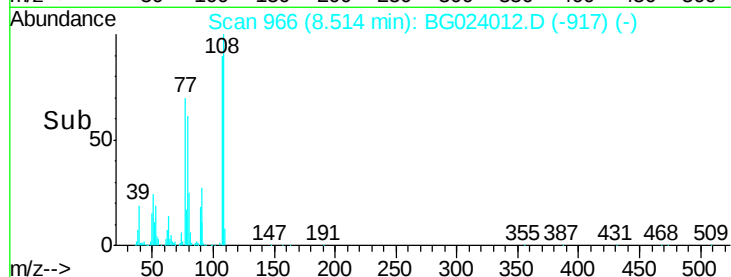


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.36 ng

RT: 9.14 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

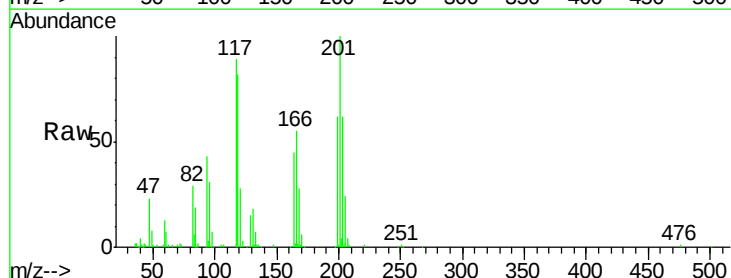
Tgt Ion:117 Resp: 66606

Ion Ratio Lower Upper

117 100

119 92.2 73.7 110.5

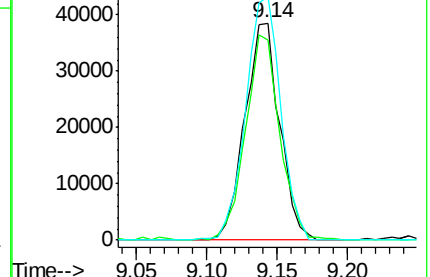
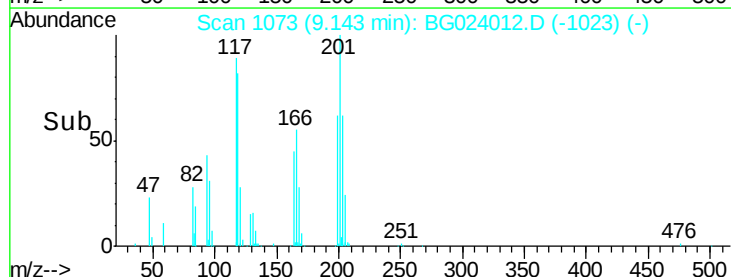
201 112.1 88.7 133.1

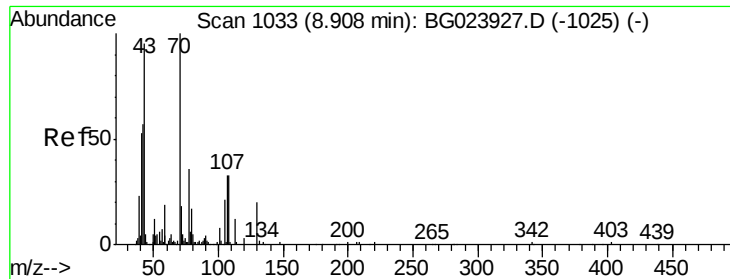


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

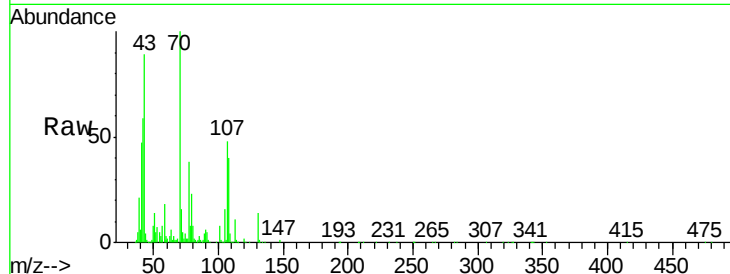




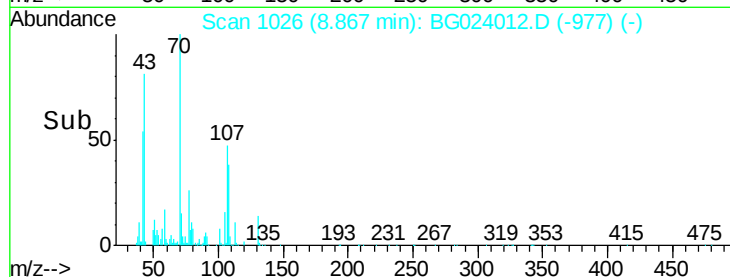
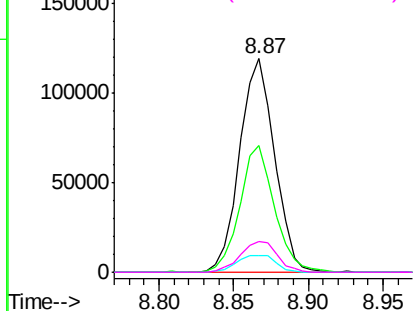
#19
n-Nitroso-di-n-propylamine
Concen: 52.32 ng
RT: 8.87 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

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

Tot Ion:	70	Resp:	193163
Ion	Ratio	Lower	Upper
70	100		
42	59.1	42.1	63.1
101	8.0	7.2	10.8
130	14.4	14.2	21.2

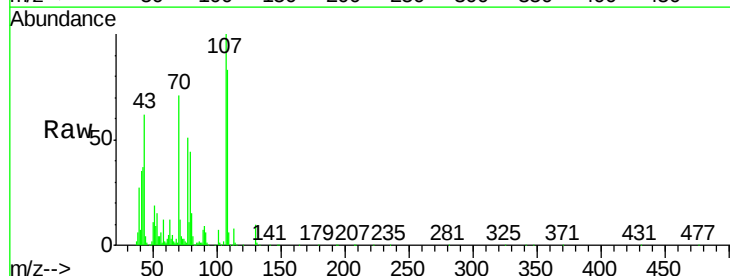
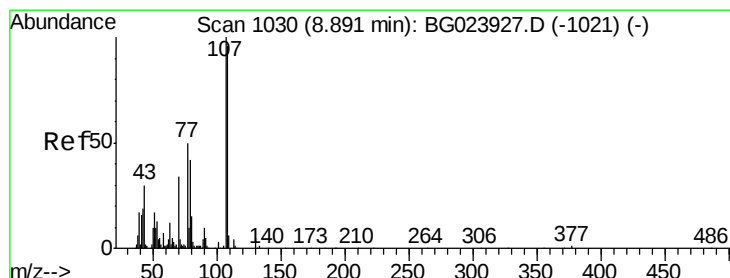


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

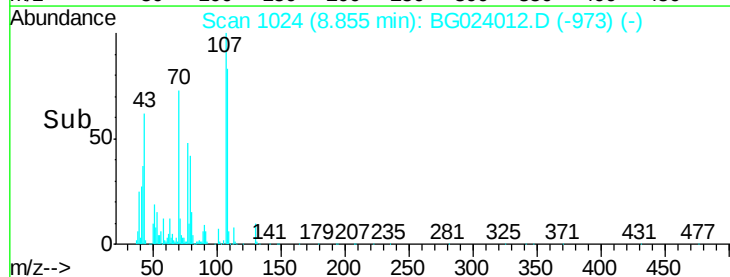
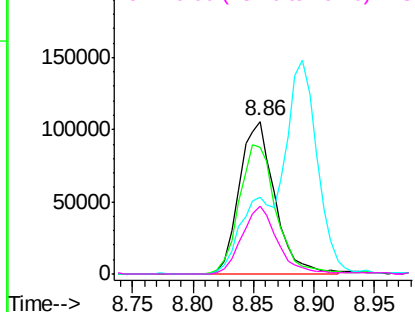


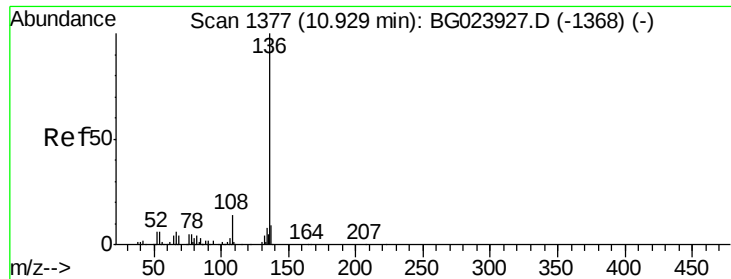
#20
3+4-Methylphenols
Concen: 52.40 ng
RT: 8.86 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

Tgt Ion:	107	Resp:	216300
Ion	Ratio	Lower	Upper
107	100		
108	82.9	72.5	112.5
77	50.7	30.1	70.1
79	44.4	24.2	64.2



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

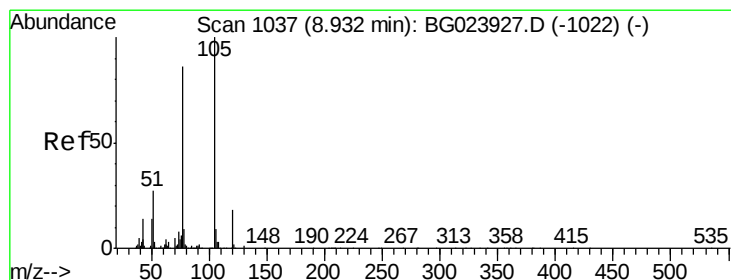
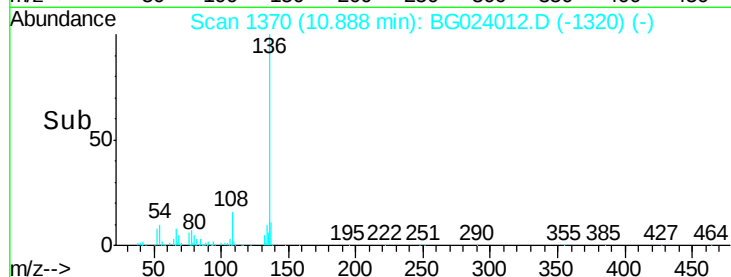
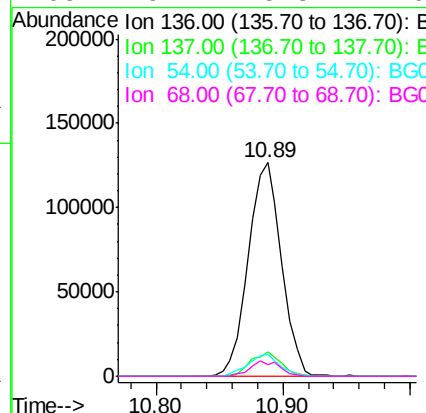
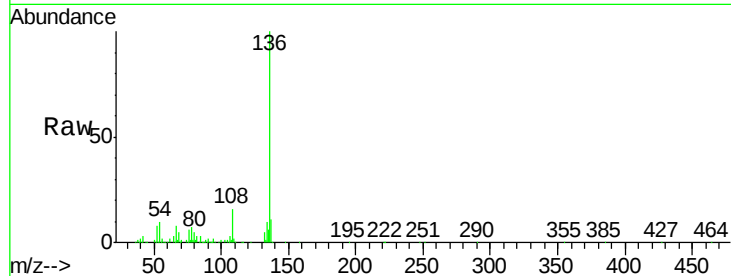




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

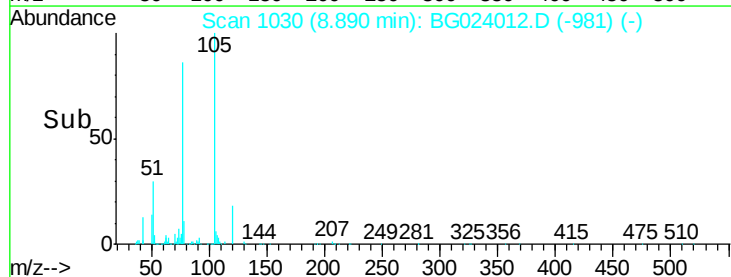
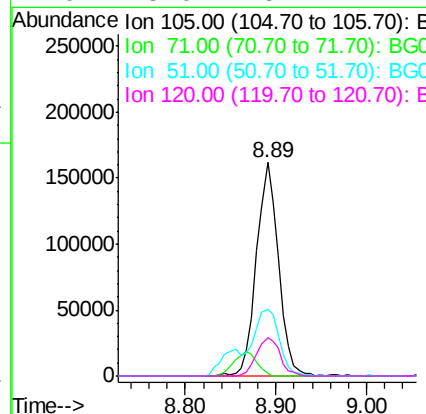
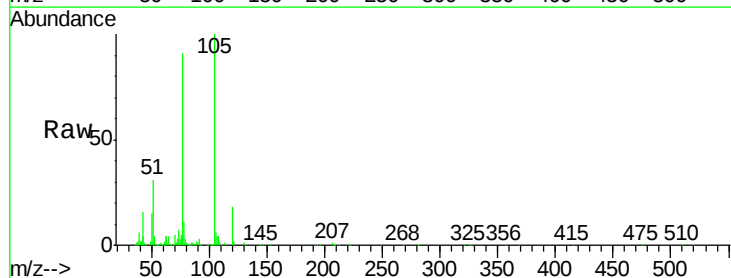
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MSD

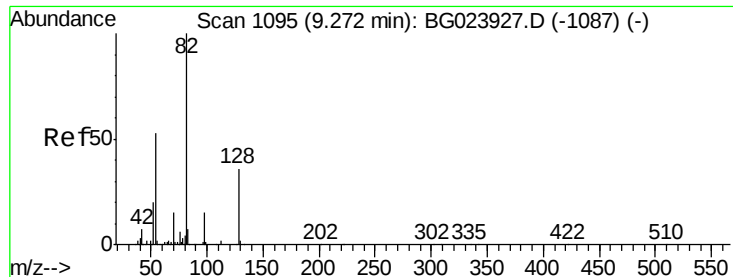
Tot Ion:	136	Resp:	230032
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	10.0	7.3	10.9
68	5.2	5.3	7.9#



#22
Acetophenone
Concen: 45.61 ng
RT: 8.89 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

Tgt Ion:	105	Resp:	271621
Ion	Ratio	Lower	Upper
105	100		
71	1.1	2.6	3.8#
51	31.2	27.1	40.7
120	18.0	15.1	22.7

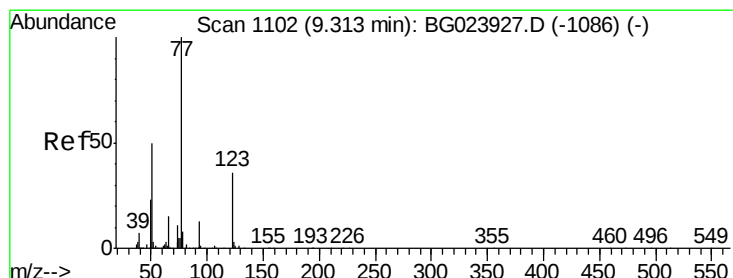
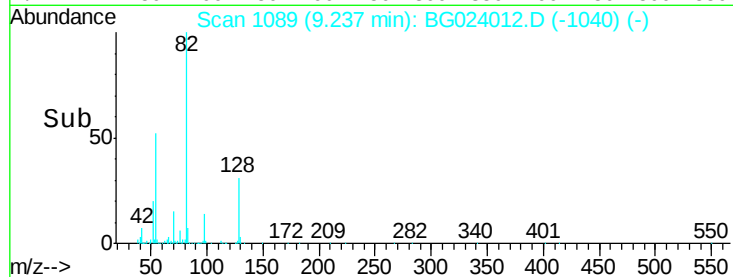
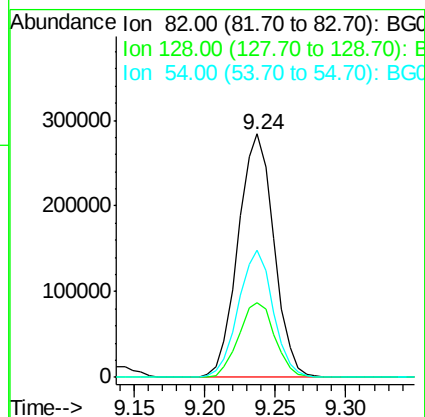
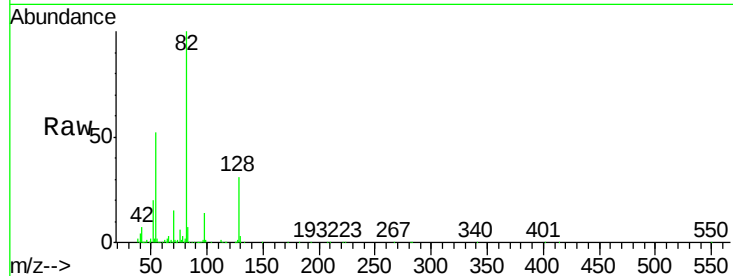




#23
 Nitrobenzene-d5
 Concen: 97.88 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

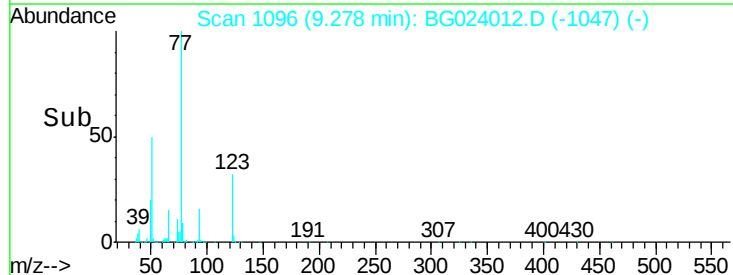
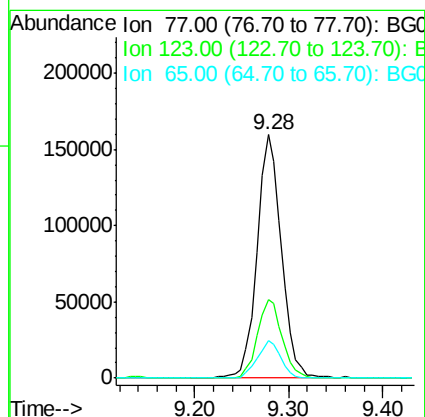
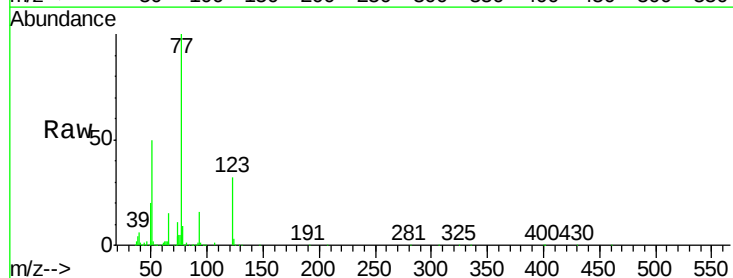
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MSD

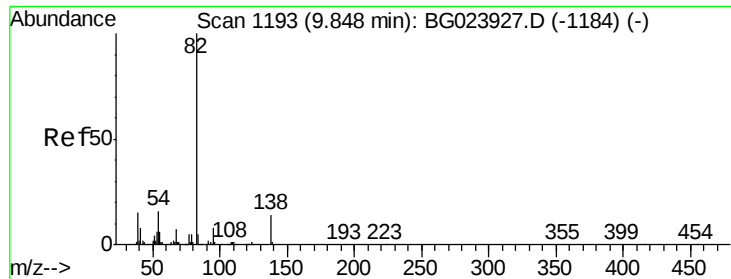
Tot Ion	82	Resp	504328
Ion Ratio	Lower	Upper	
82	100		
128	30.9	24.4	36.6
54	52.2	41.4	62.0



#24
 Nitrobenzene
 Concen: 51.49 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

Tgt Ion	77	Resp	285319
Ion Ratio	Lower	Upper	
77	100		
123	32.3	25.0	37.6
65	15.2	13.4	20.0





#25

Isophorone

Concen: 52.01 ng

RT: 9.80 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

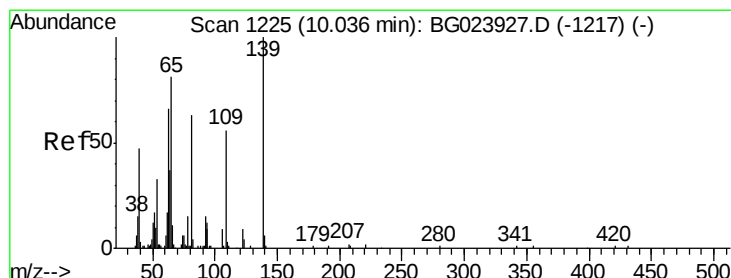
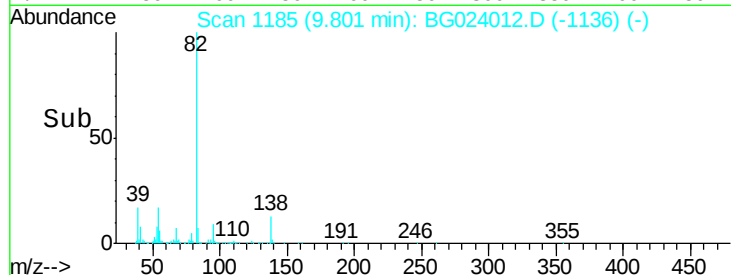
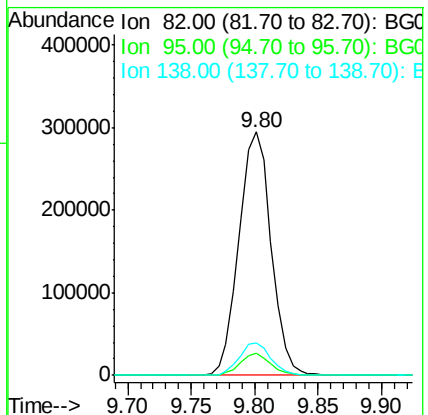
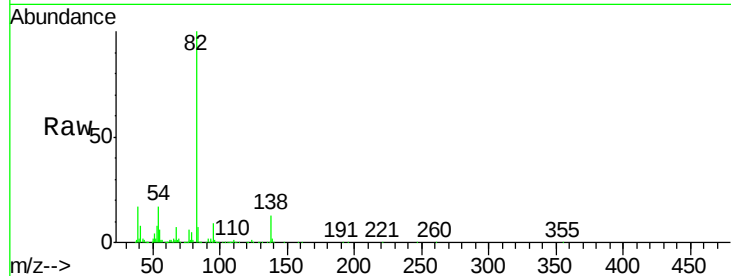
Tot Ion: 82 Resp: 519672

Ion Ratio Lower Upper

82 100

95 9.2 8.2 12.2

138 13.5 10.7 16.1



#26

2-Nitrophenol

Concen: 48.42 ng

RT: 9.99 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

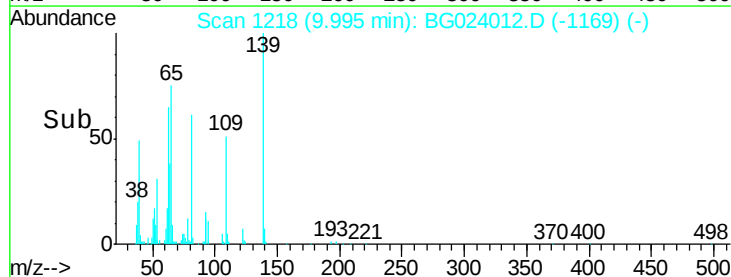
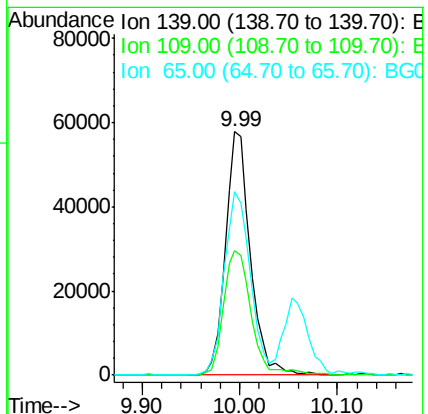
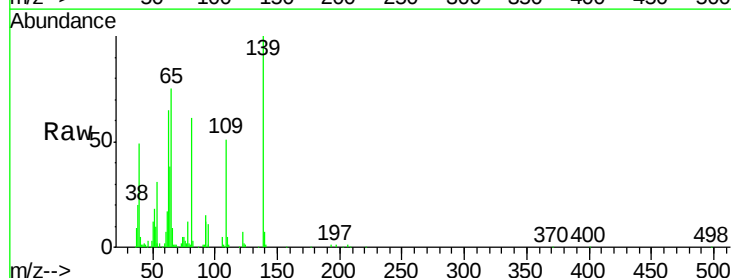
Tgt Ion: 139 Resp: 101985

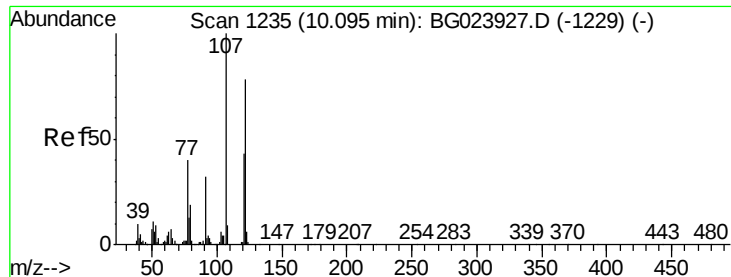
Ion Ratio Lower Upper

139 100

109 51.3 43.5 65.3

65 75.2 64.3 96.5

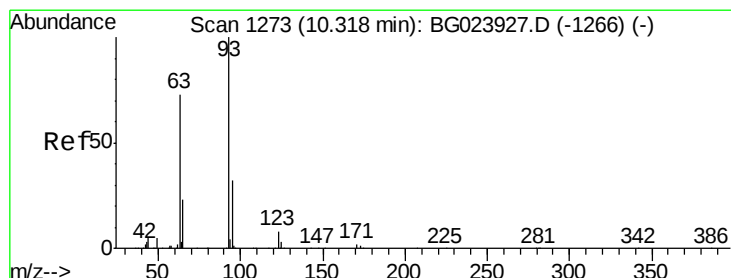
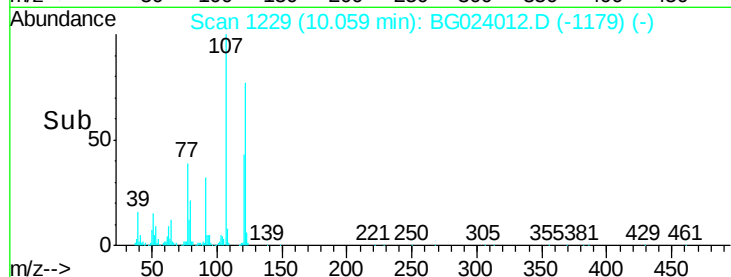
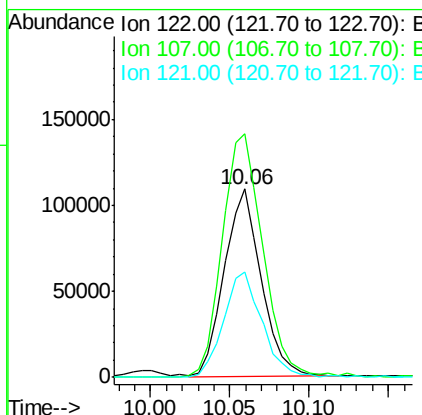
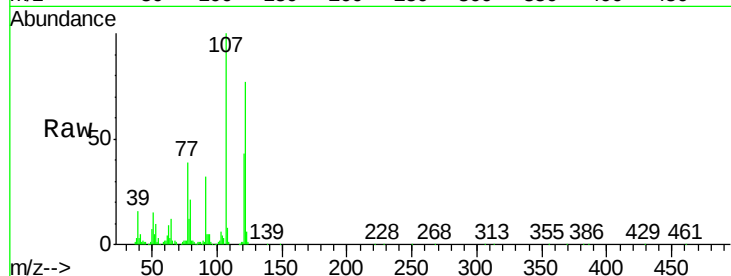




#27
 2,4-Dimethylphenol
 Concen: 49.52 ng
 RT: 10.06 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

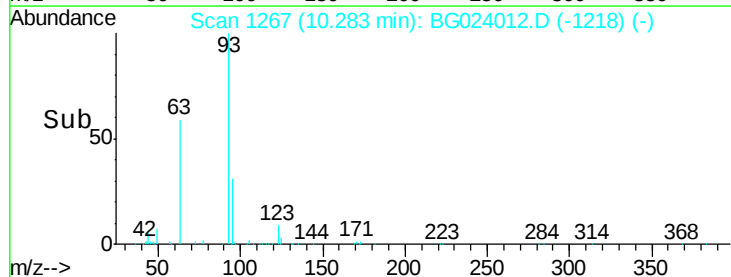
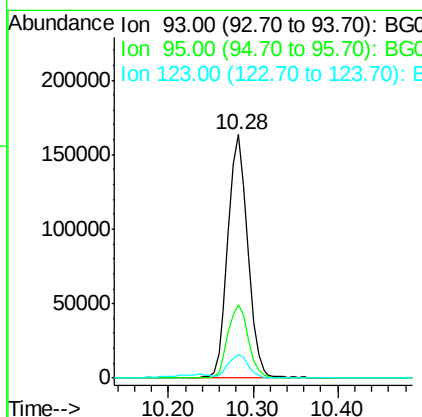
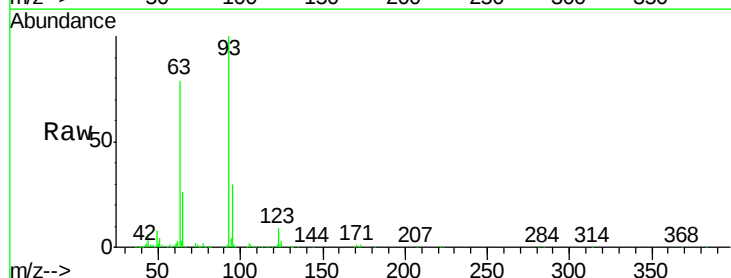
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MSD

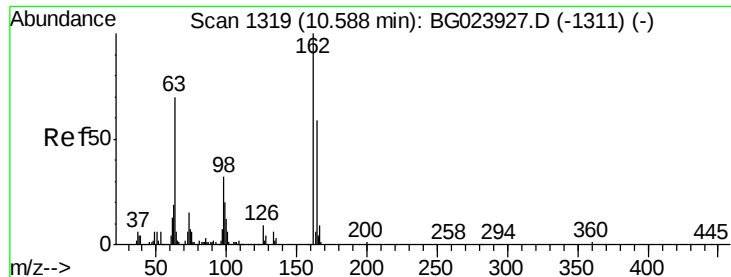
Tot Ion	Ratio	Lower	Upper
122	100		
107	129.3	117.0	175.4
121	56.2	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.57 ng
 RT: 10.28 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.3	25.4	38.2
123	9.4	8.2	12.2

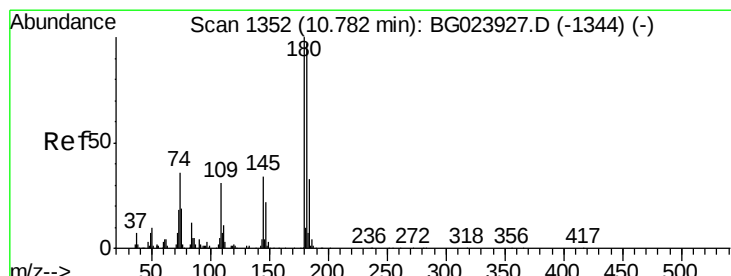
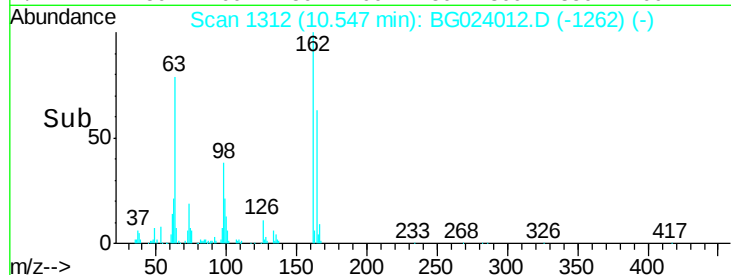
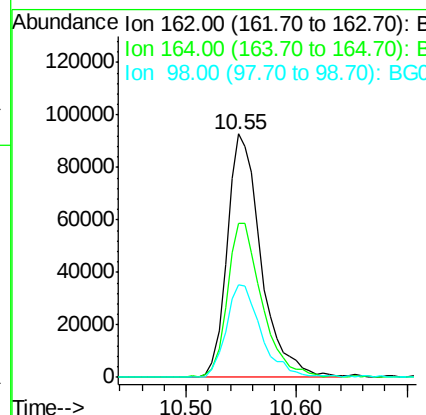
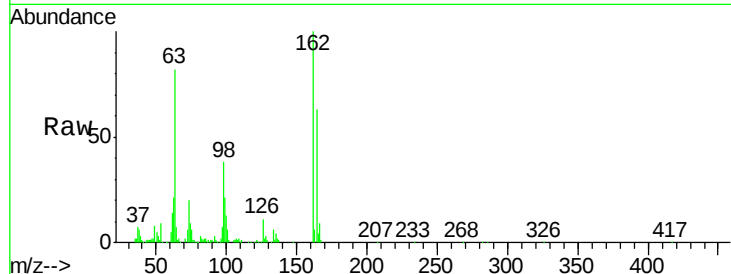




#29
 2,4-Dichlorophenol
 Concen: 52.41 ng
 RT: 10.55 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

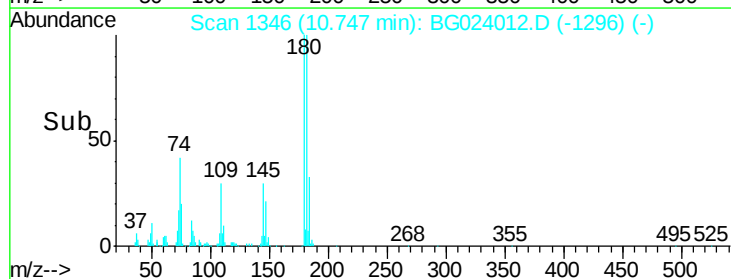
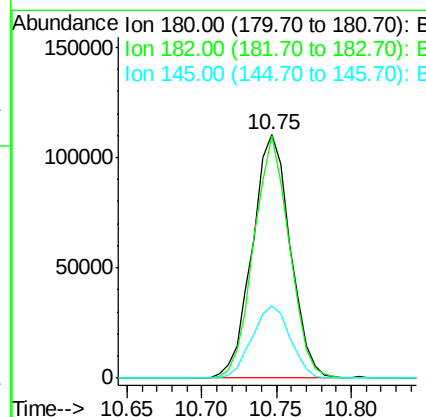
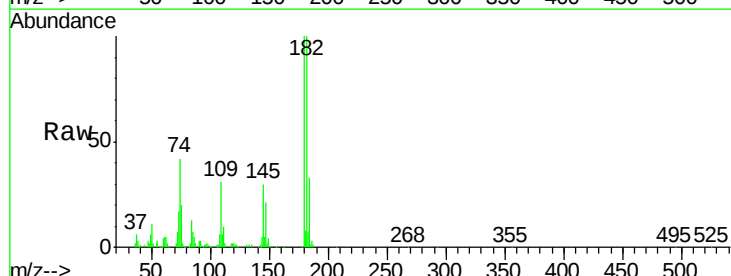
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MSD

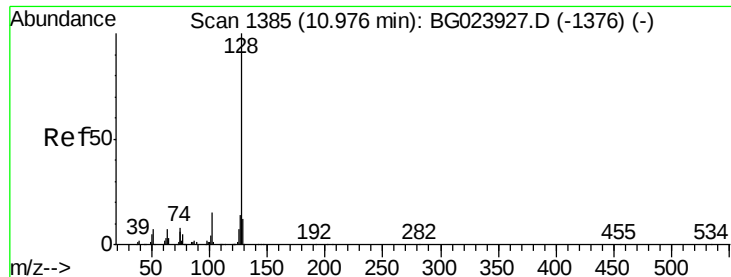
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.3	84.3
98	38.0	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 46.49 ng
 RT: 10.75 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	73.8	110.8
145	29.6	24.4	36.6

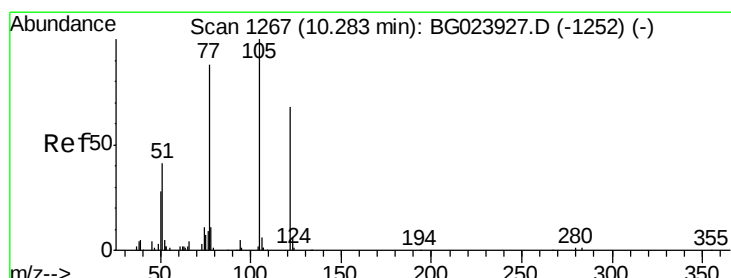
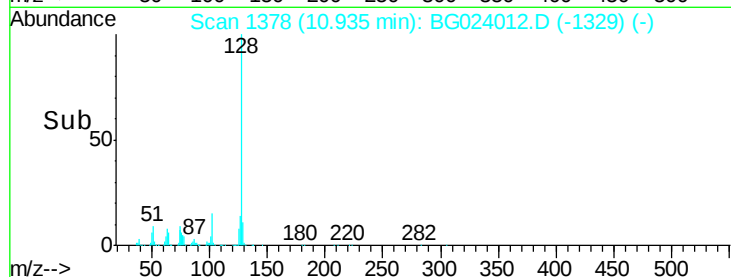
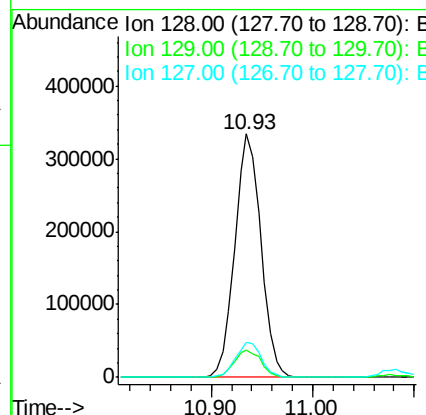
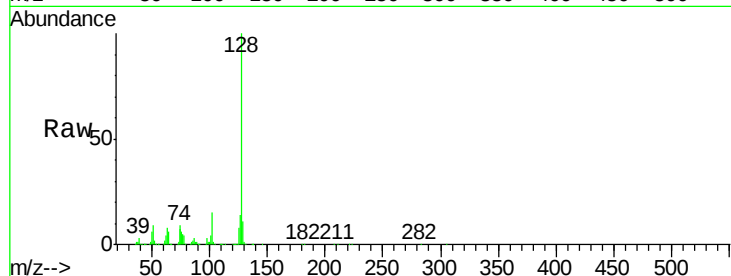




#31
Naphthalene
Concen: 50.29 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

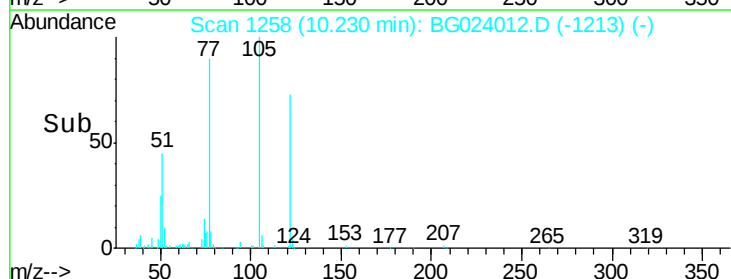
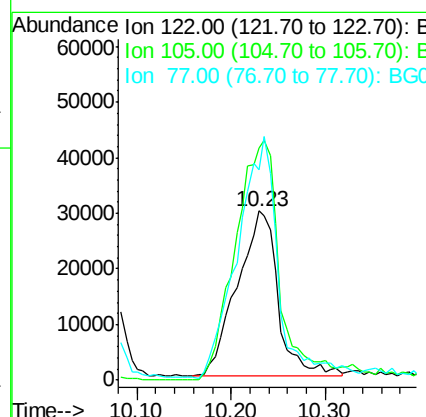
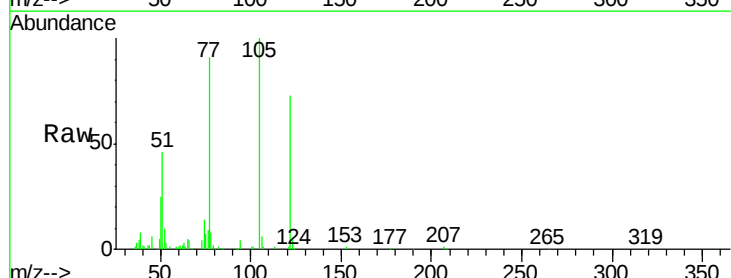
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MSD

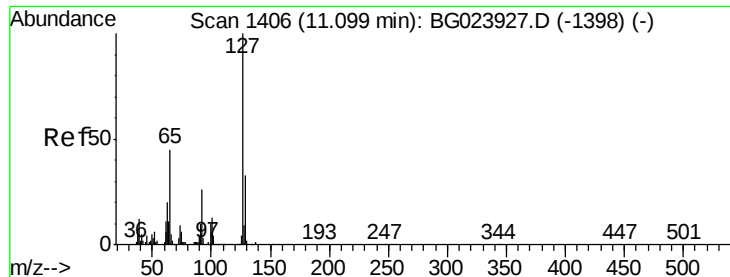
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	14.4	11.3	16.9



#32
Benzoic acid
Concen: 30.89 ng
RT: 10.23 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	137.3	117.2	157.2
77	124.7	109.2	149.2

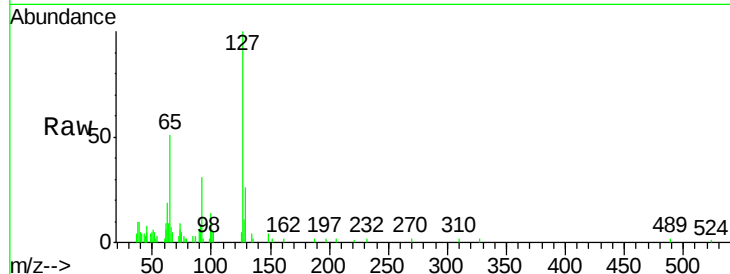




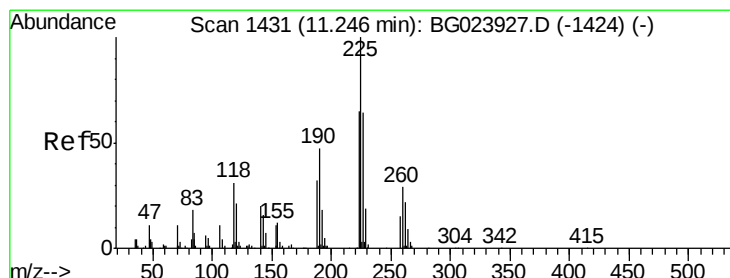
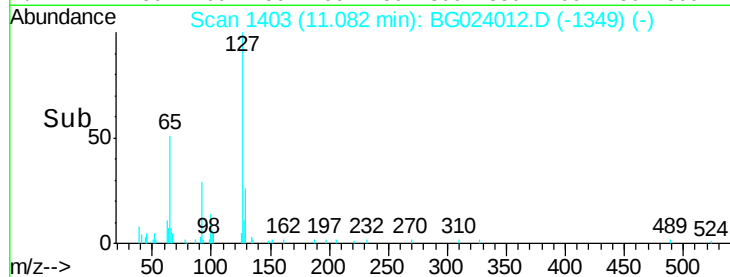
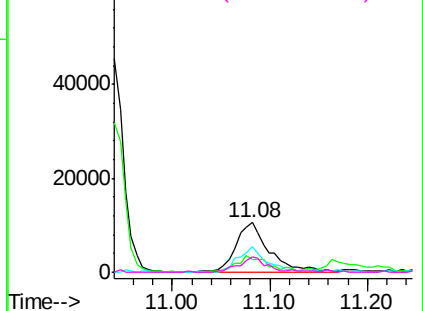
#33
4-Chloroaniline
Concen: 5.17 ng
RT: 11.08 min Scan# 1403
Delta R.T. 0.02 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

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

Tot Ion:127	Resp:	25571
Ion Ratio	Lower	Upper
127	100	
129	26.5	27.9 41.9#
65	51.4	36.8 55.2
92	30.7	21.0 31.6

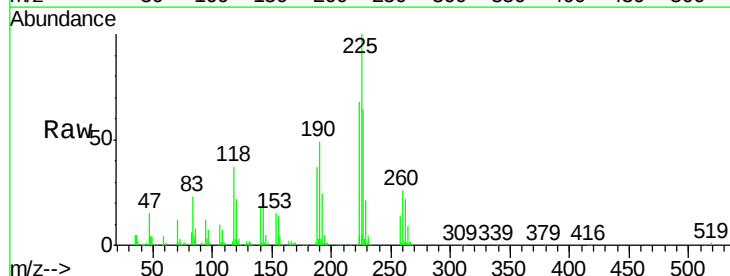


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

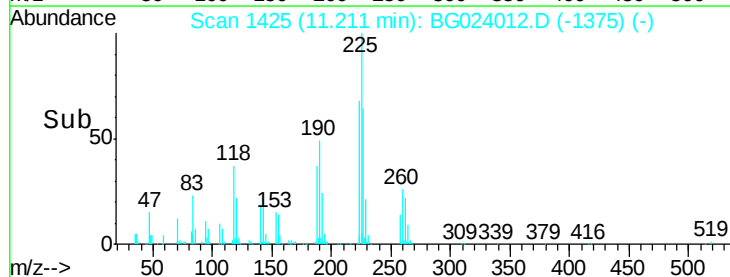
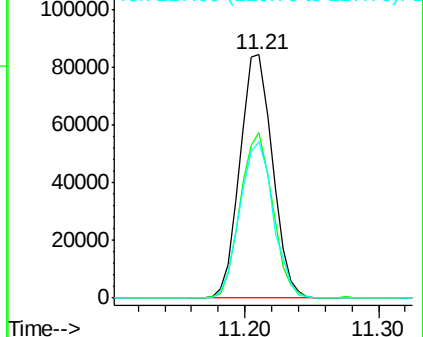


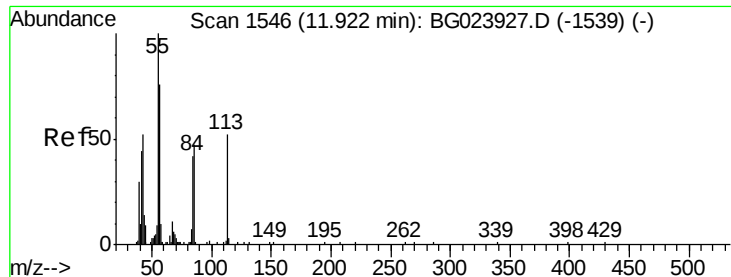
#34
Hexachlorobutadiene
Concen: 45.76 ng
RT: 11.21 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

Tgt Ion:225	Resp:	142970
Ion Ratio	Lower	Upper
225	100	
223	68.2	49.6 74.4
227	64.2	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: 44.89 ng/mL

RT: 11.86 min Scan# 1535

Delta R.T. -0.02 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

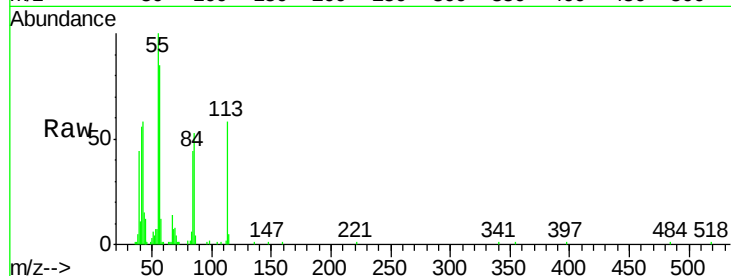
Tot Ion:113 Resp: 60000

Ion Ratio Lower Upper

113 100

55 173.8 154.5 194.5

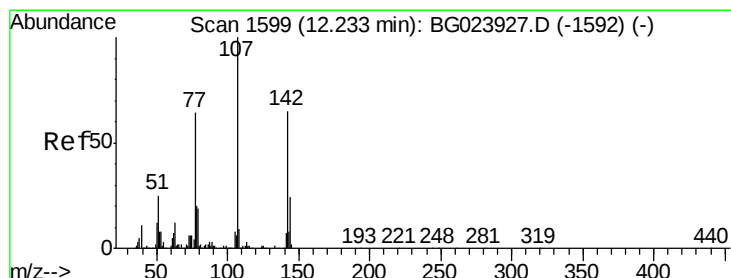
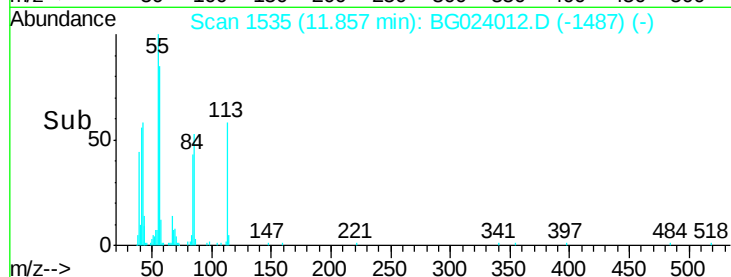
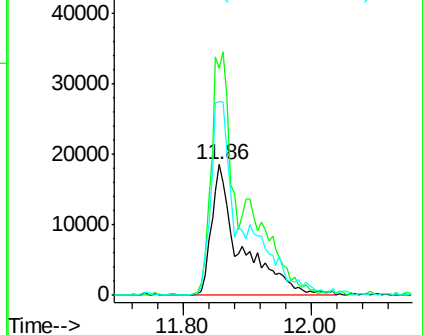
56 148.4 125.1 165.1



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: 50.31 ng/mL

RT: 12.20 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

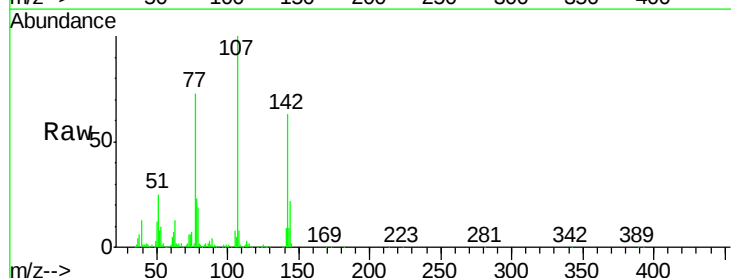
Tgt Ion:107 Resp: 254970

Ion Ratio Lower Upper

107 100

144 21.7 17.0 25.6

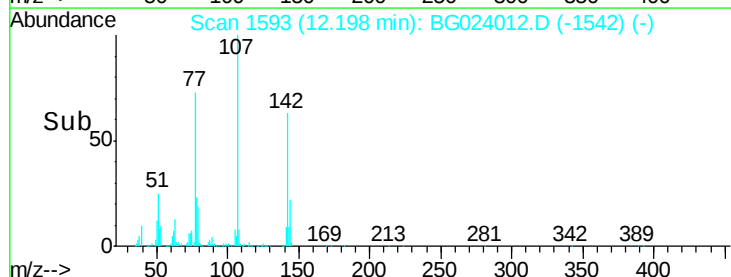
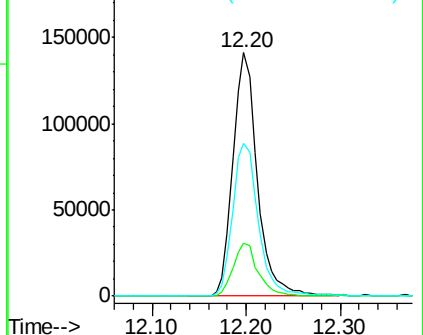
142 62.5 53.0 79.6

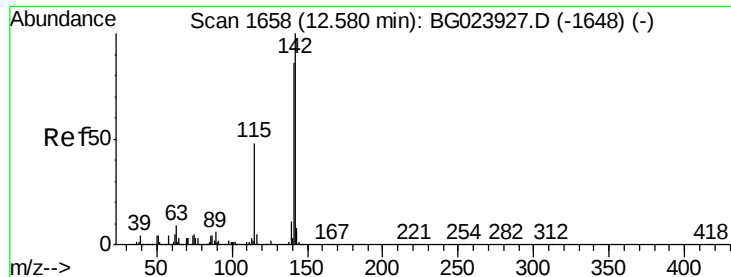


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

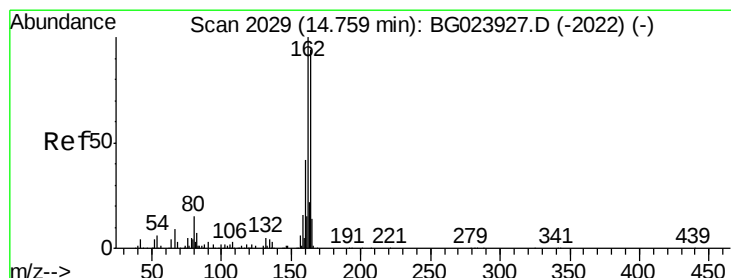
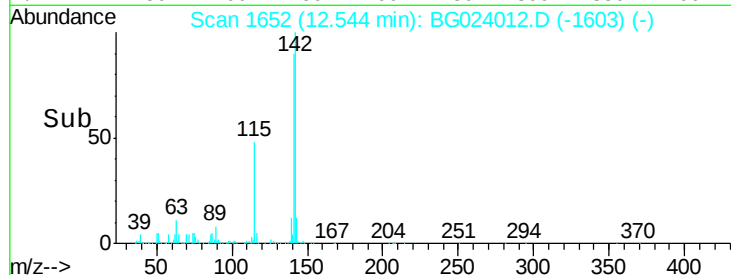
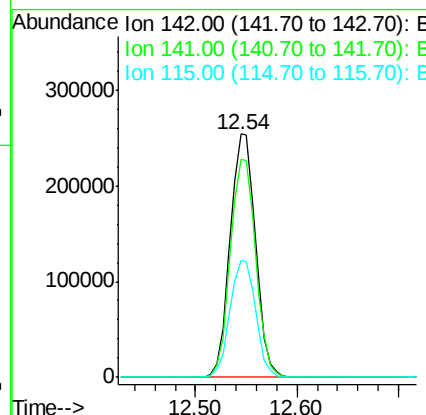
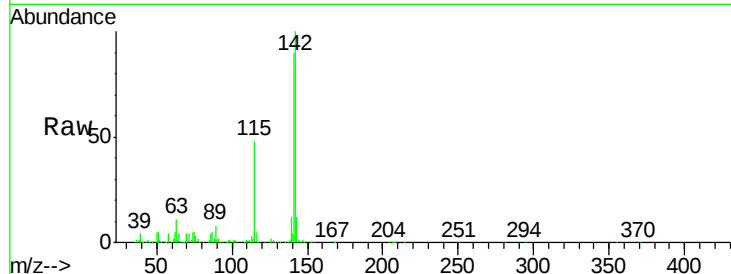




#37
2-Methylnaphthalene
Concen: 48.99 ng
RT: 12.54 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

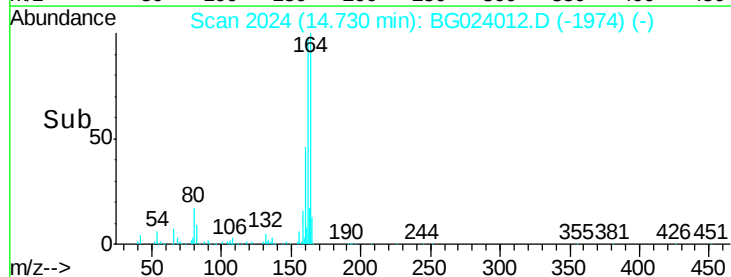
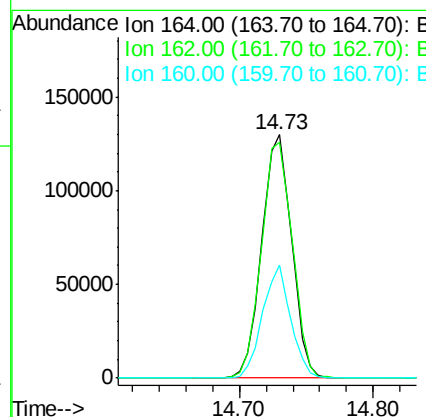
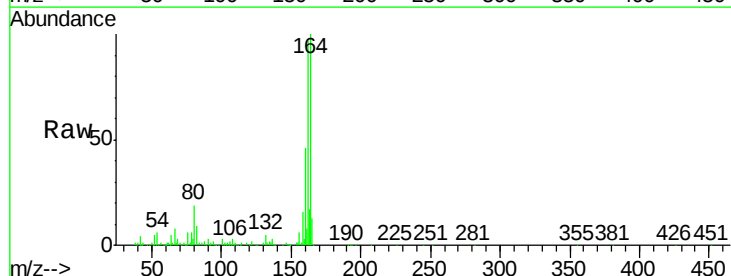
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MSD

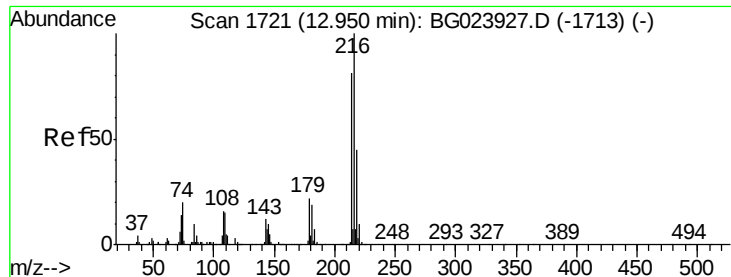
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.2	105.2
115	47.8	41.7	62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.9	87.7	131.5
160	46.4	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.97 ng

RT: 12.91 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

Tot Ion:216 Resp: 239028

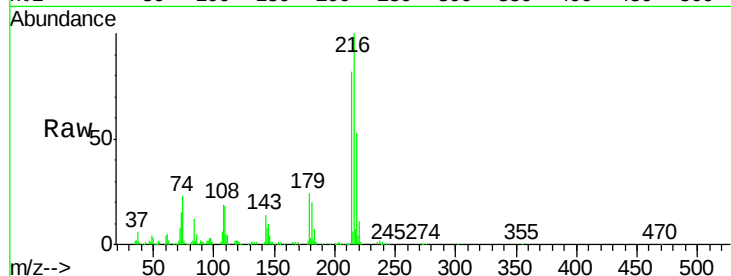
Ion Ratio Lower Upper

216 100

214 82.4 62.9 94.3

179 22.5 17.2 25.8

108 23.0 16.3 24.5

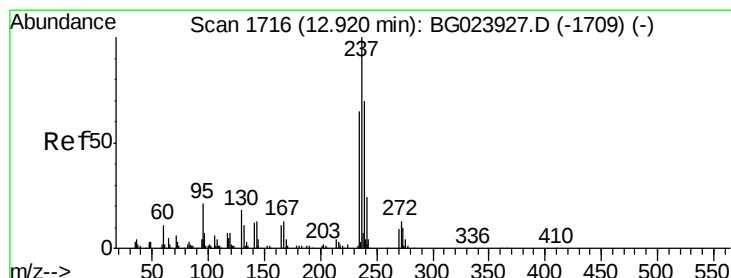
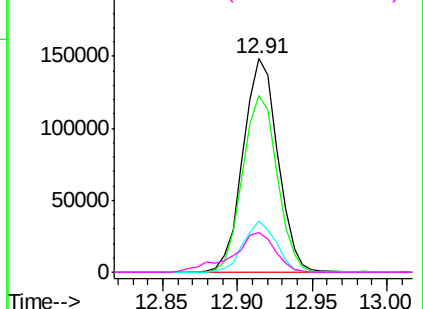
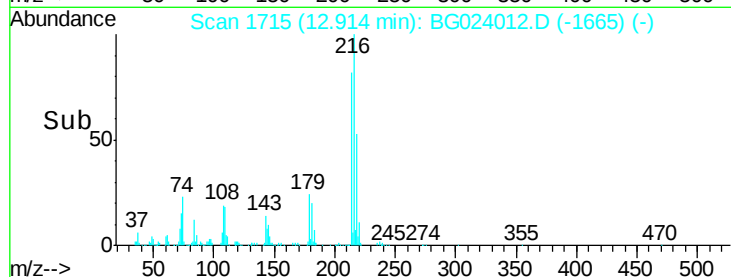


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.06 ng

RT: 12.89 min Scan# 1710

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

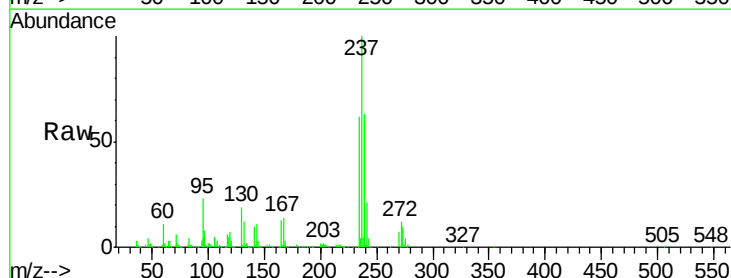
Tgt Ion:237 Resp: 298669

Ion Ratio Lower Upper

237 100

235 62.0 43.1 83.1

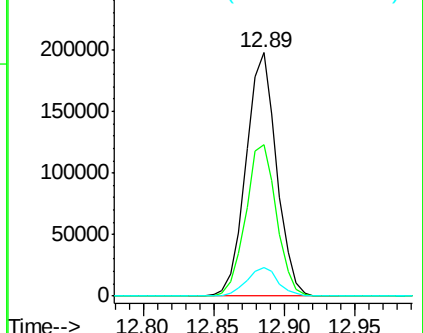
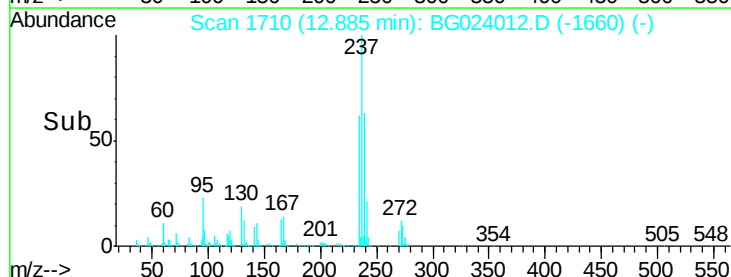
272 11.9 0.0 30.9

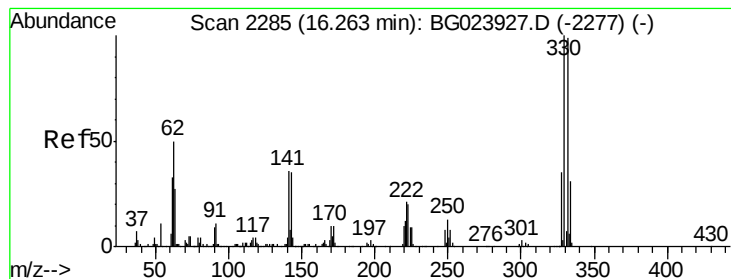


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 99.13 ng

RT: 16.23 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

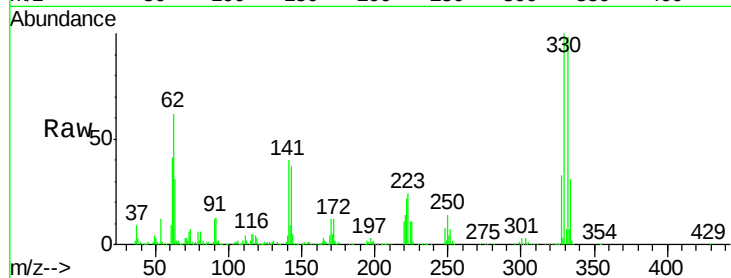
Tot Ion:330 Resp: 357599

Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.2

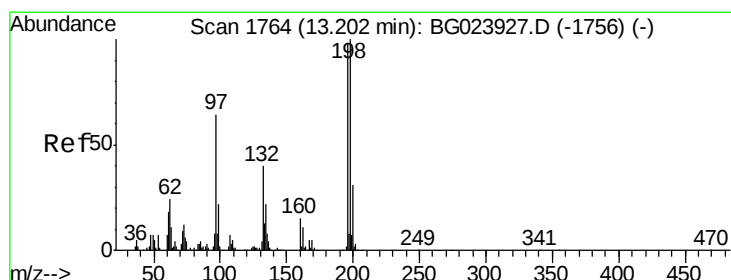
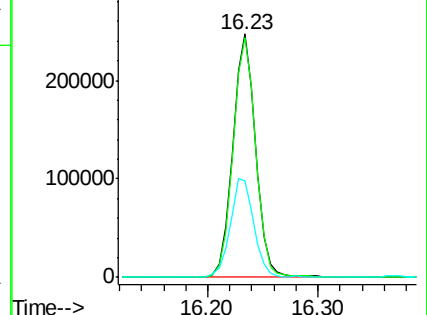
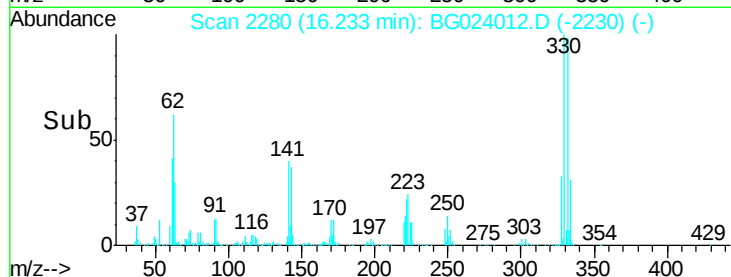
141 42.1 31.7 47.5



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: 41.20 ng

RT: 13.17 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

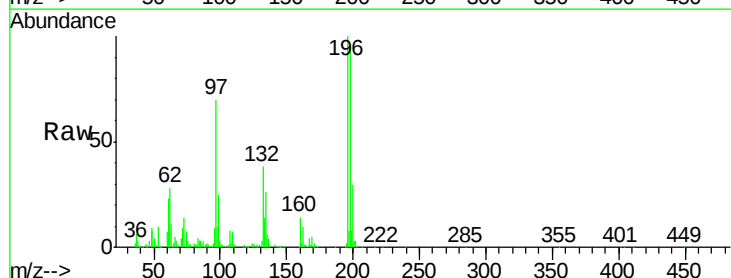
Tgt Ion:196 Resp: 182736

Ion Ratio Lower Upper

196 100

198 95.3 78.2 117.2

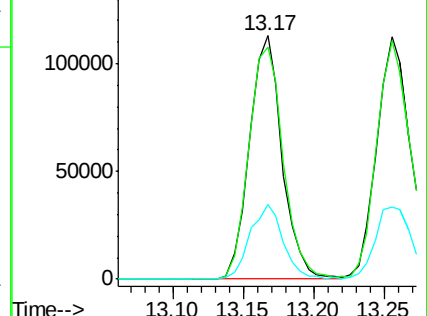
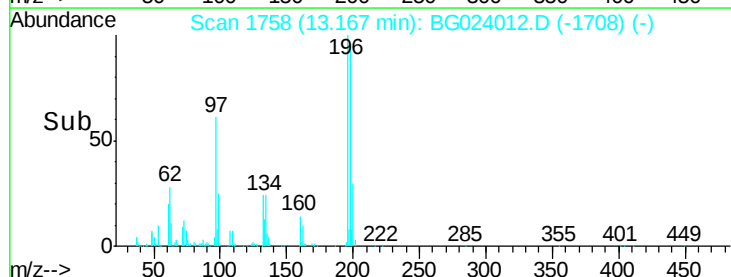
200 30.4 27.0 40.4

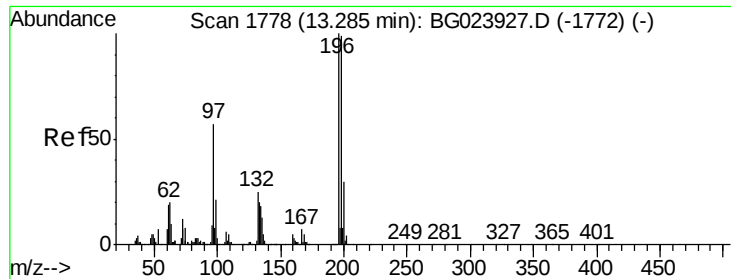


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

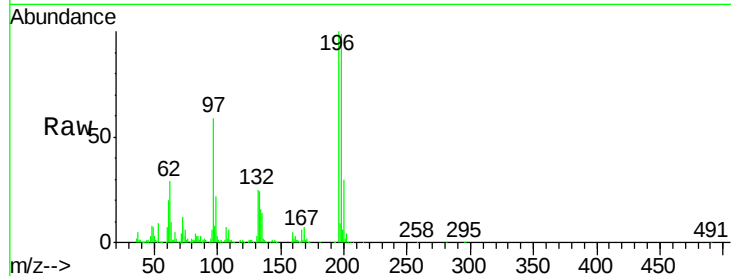




#43
 2,4,5-Trichlorophenol
 Concen: 43.50 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	85.7	128.5
97	58.5	45.5	68.3
132	24.6	18.9	28.3

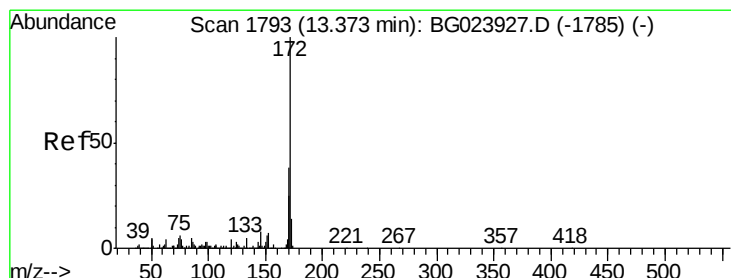
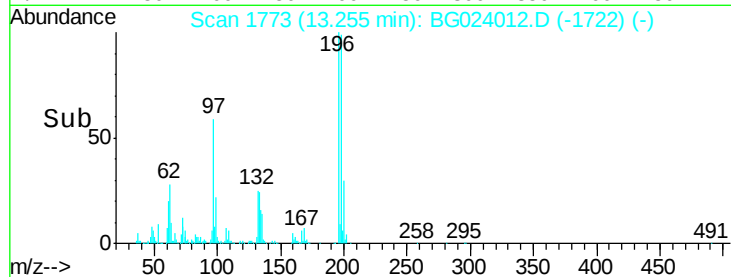
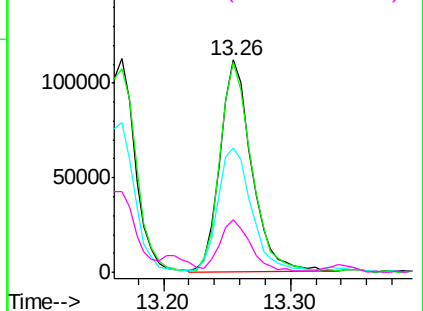


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

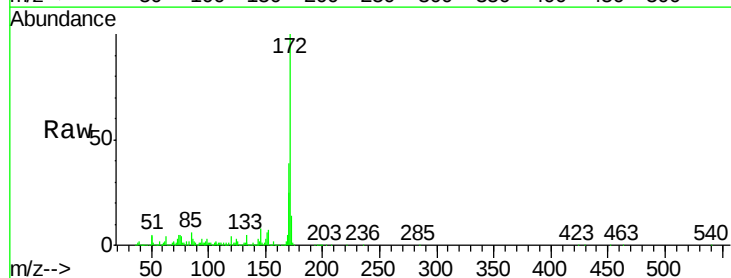
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.31 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

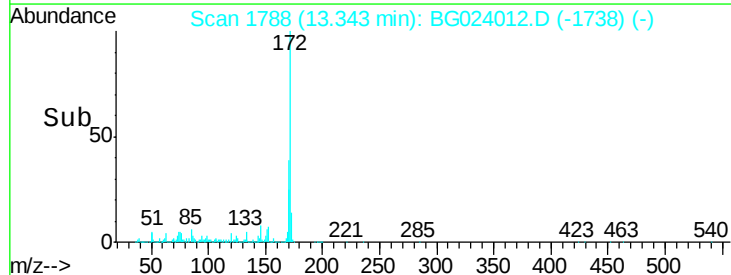
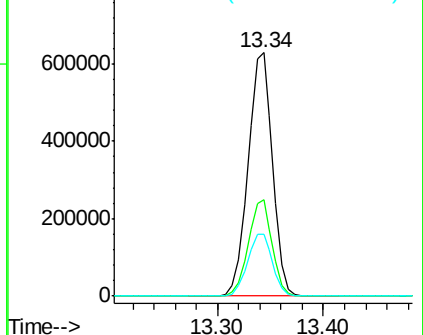
Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.6	47.4
170	25.5	21.3	31.9

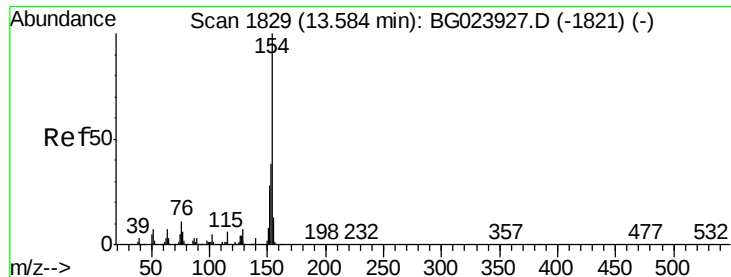


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 34.35 ng

RT: 13.55 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

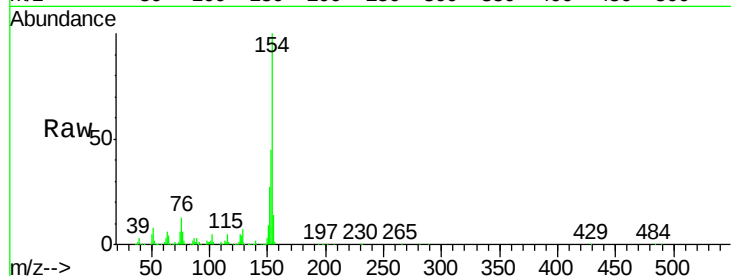
BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

Tot Ion:154 Resp: 553150

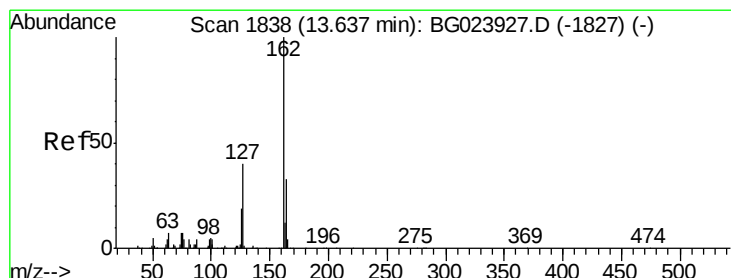
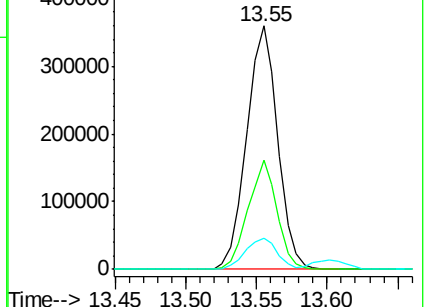
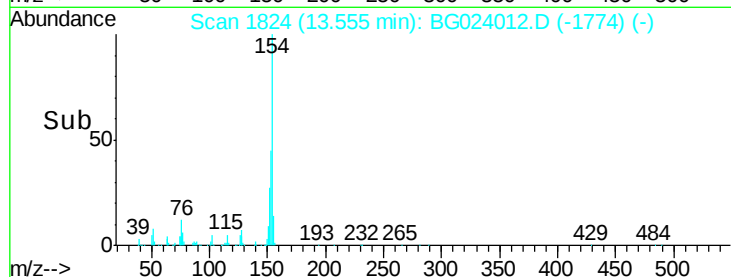
Ion	Ratio	Lower	Upper
154	100		
153	45.0	20.2	60.2
76	12.6	0.0	32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 41.60 ng

RT: 13.60 min Scan# 1832

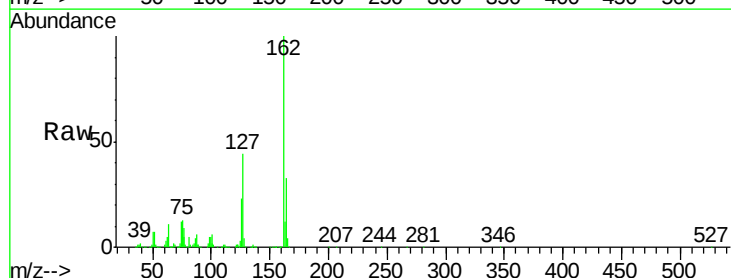
Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Tgt Ion:162 Resp: 491777

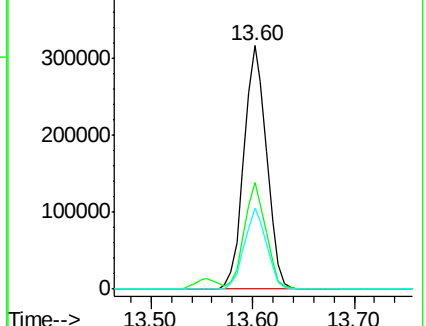
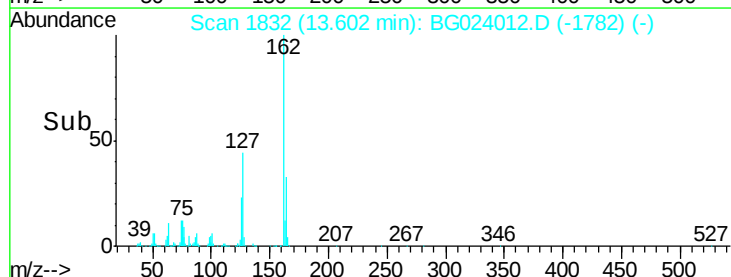
Ion	Ratio	Lower	Upper
162	100		
127	43.7	32.4	48.6
164	33.3	25.2	37.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.92 ng

RT: 13.82 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

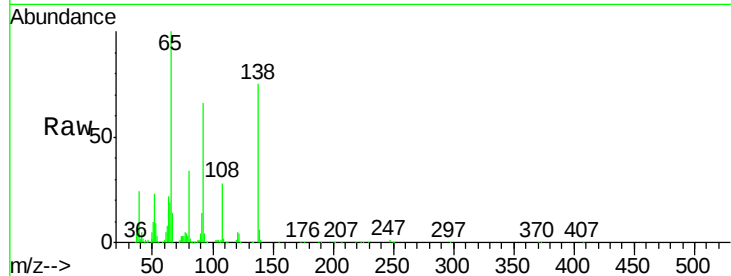
Tot Ion: 65 Resp: 223185

Ion Ratio Lower Upper

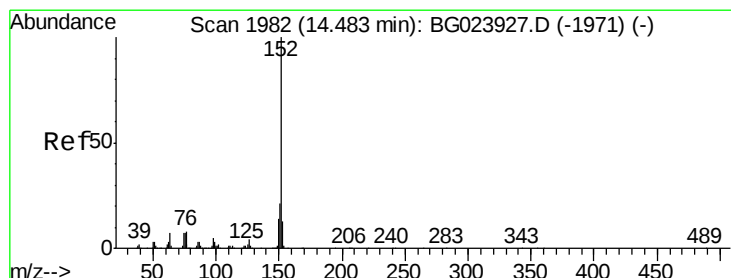
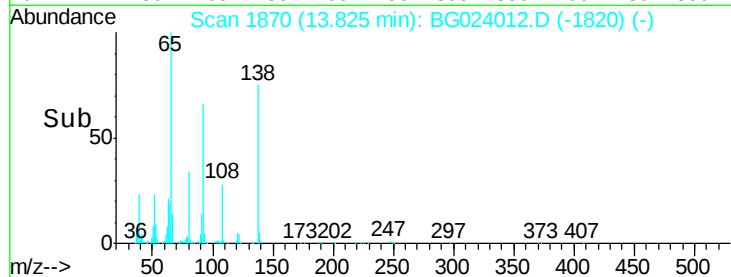
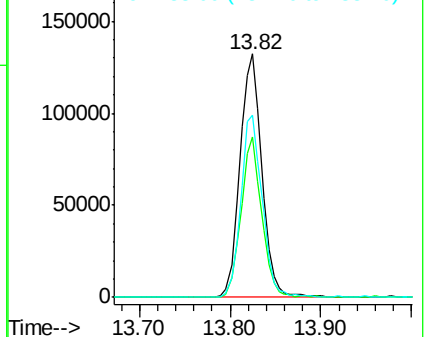
65 100

92 65.9 49.4 74.0

138 75.1 58.0 87.0



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 39.76 ng

RT: 14.45 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

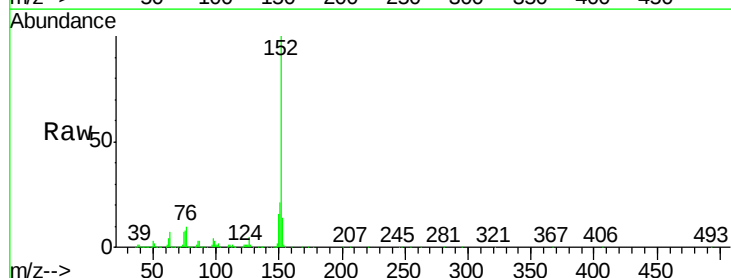
Tgt Ion: 152 Resp: 783538

Ion Ratio Lower Upper

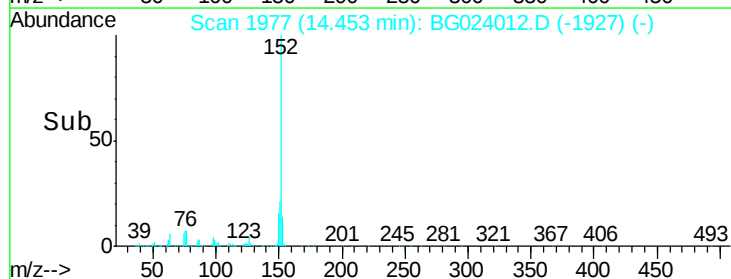
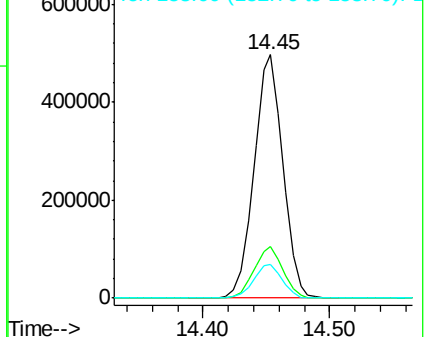
152 100

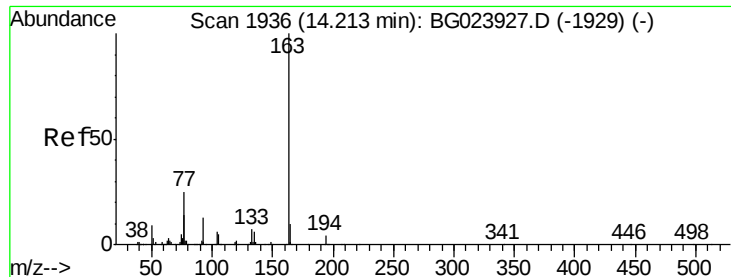
151 21.2 17.6 26.4

153 14.0 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 41.49 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

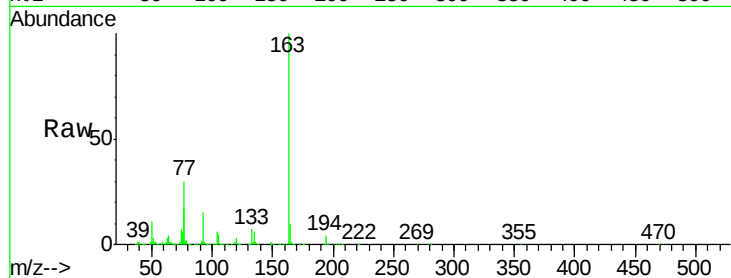
Tot Ion:163 Resp: 712310

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

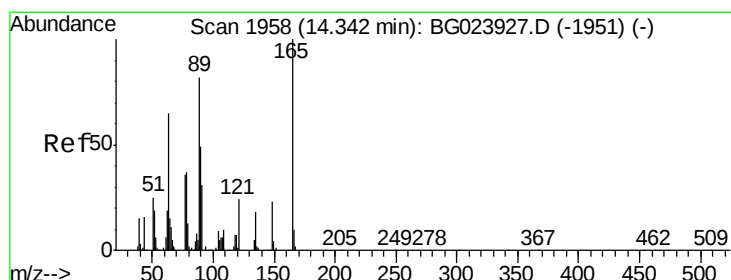
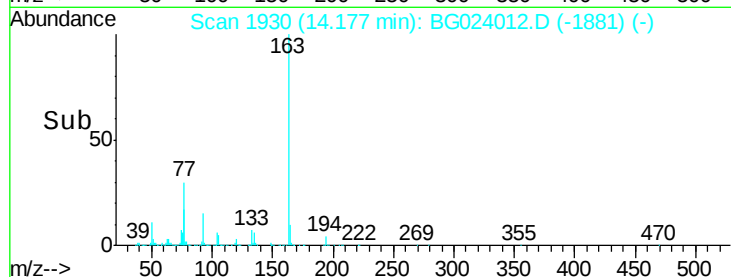
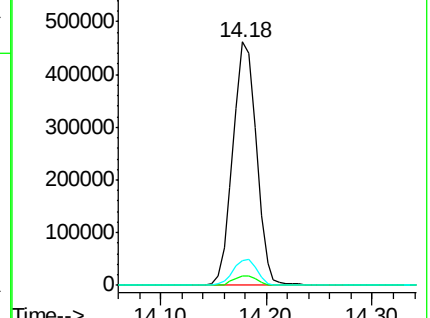
164 10.3 8.1 12.1



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: 43.36 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

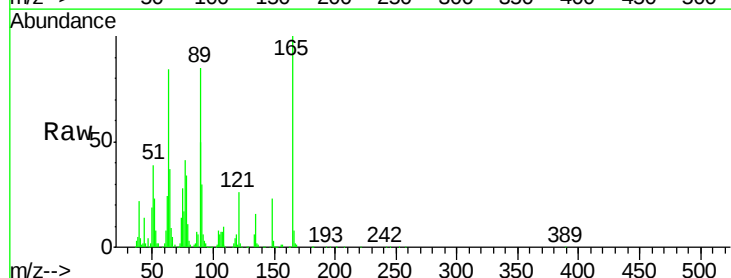
Tgt Ion:165 Resp: 157128

Ion Ratio Lower Upper

165 100

63 84.0 64.3 96.5

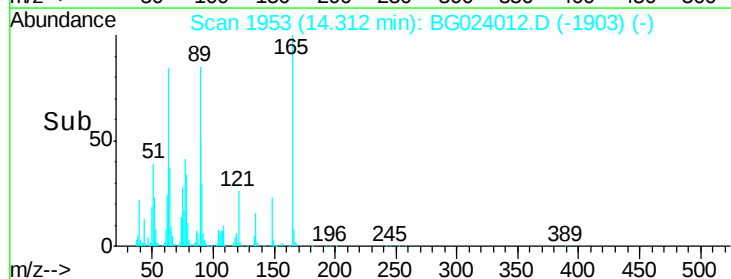
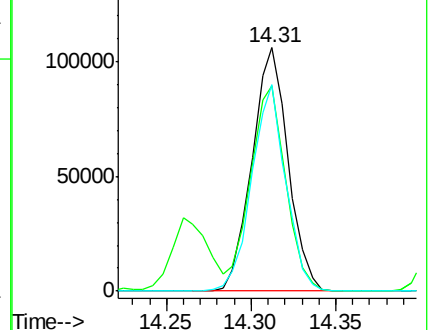
89 84.6 64.3 96.5

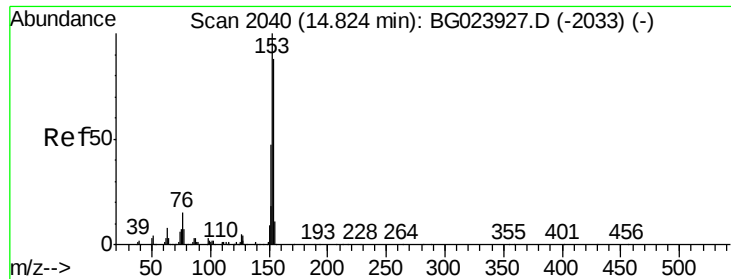


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.74 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

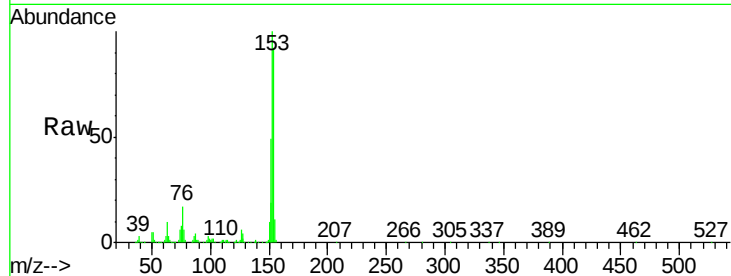
Tot Ion:154 Resp: 508499

Ion Ratio Lower Upper

154 100

153 109.0 87.5 131.3

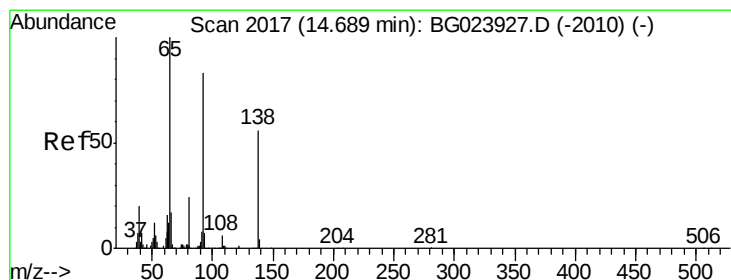
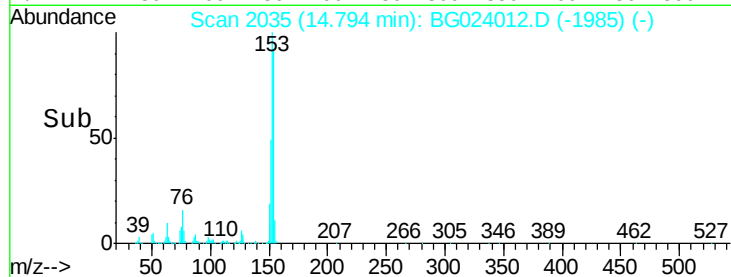
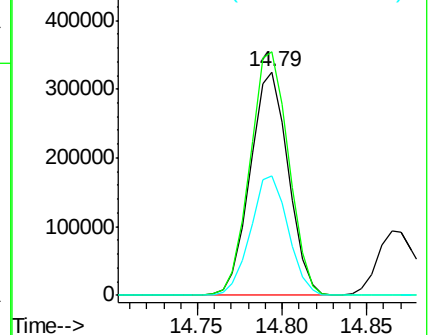
152 53.2 42.7 64.1



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: 6.94 ng

RT: 14.66 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

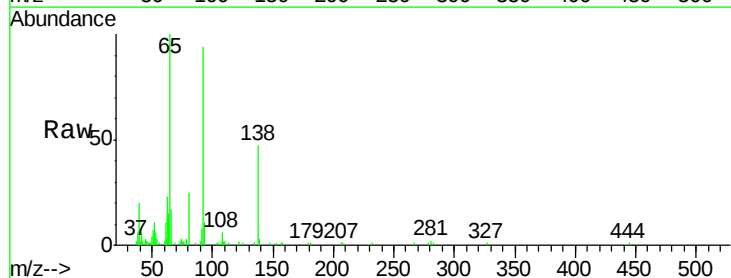
Tgt Ion:138 Resp: 23534

Ion Ratio Lower Upper

138 100

108 13.1 11.7 17.5

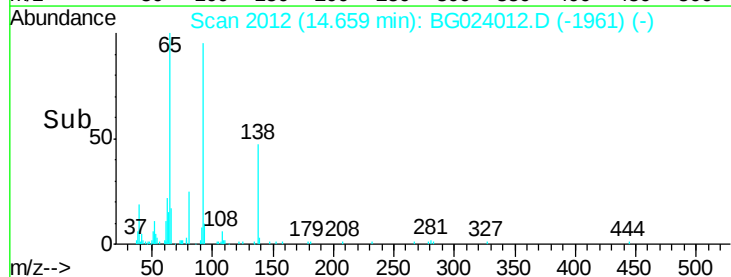
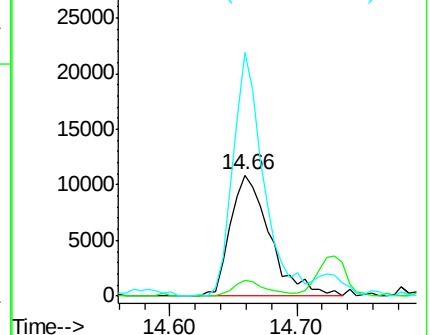
92 200.8 129.7 194.5#

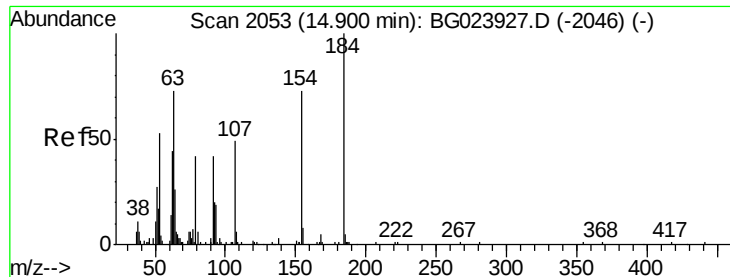


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 71.97 ng

RT: 14.86 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

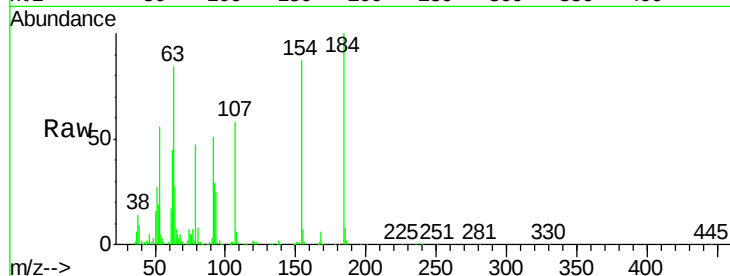
Tot Ion:184 Resp: 188797

Ion Ratio Lower Upper

184 100

63 84.0 59.6 89.4

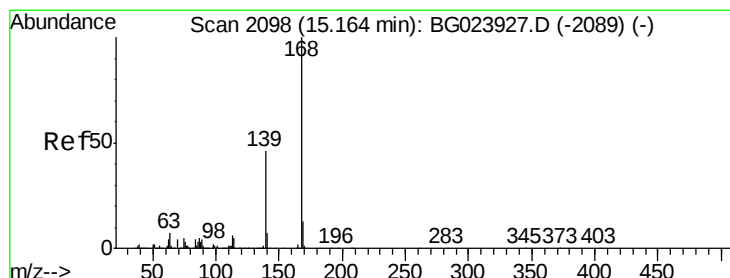
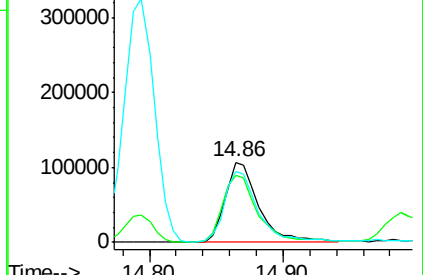
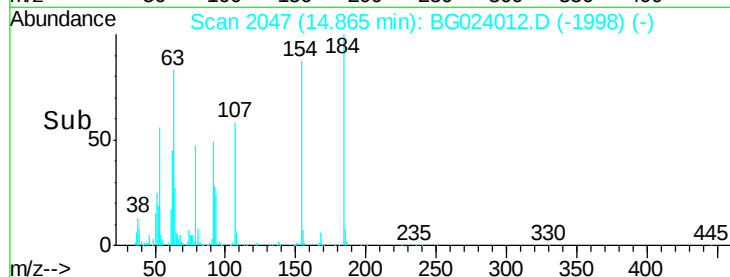
154 87.5 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 44.10 ng

RT: 15.13 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

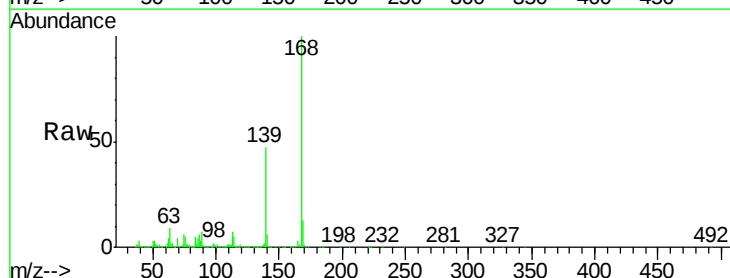
Tgt Ion:168 Resp: 838605

Ion Ratio Lower Upper

168 100

139 46.8 36.4 54.6

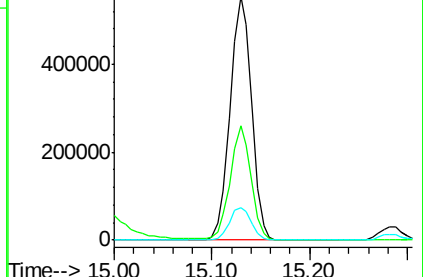
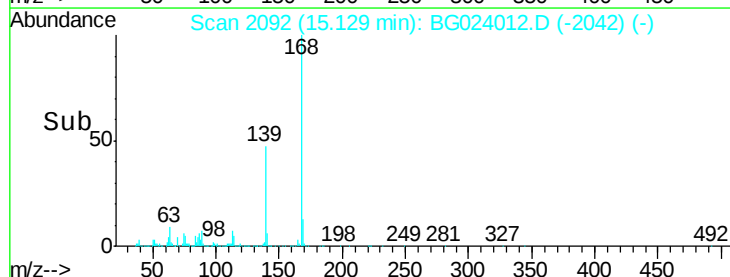
169 13.4 11.9 17.9

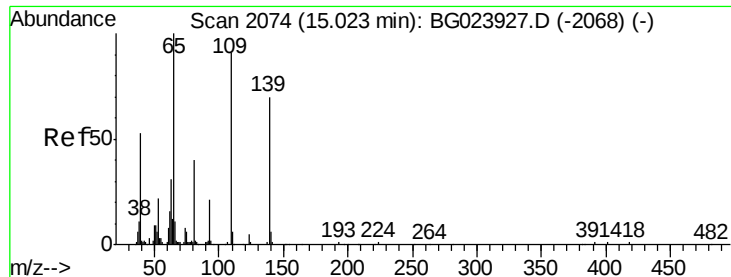


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

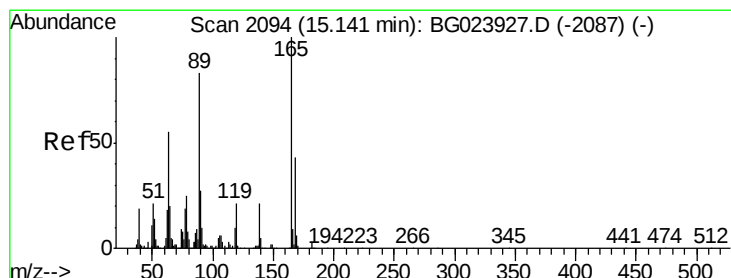
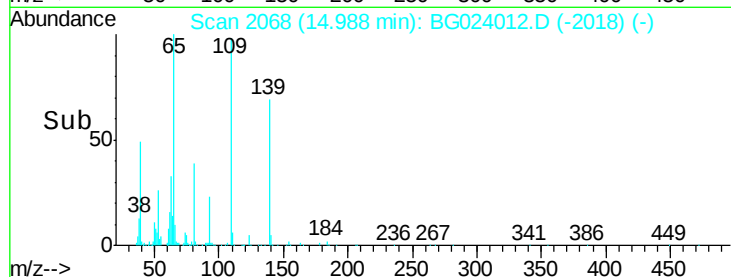
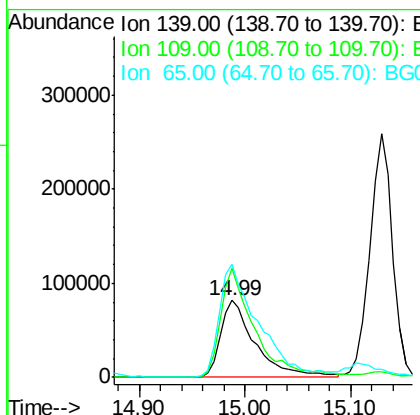
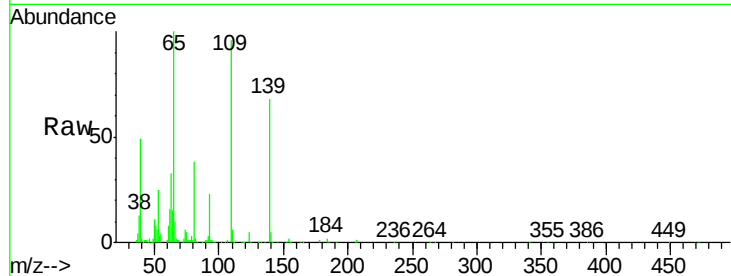




#55
4-Nitrophenol
Concen: 69.81 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

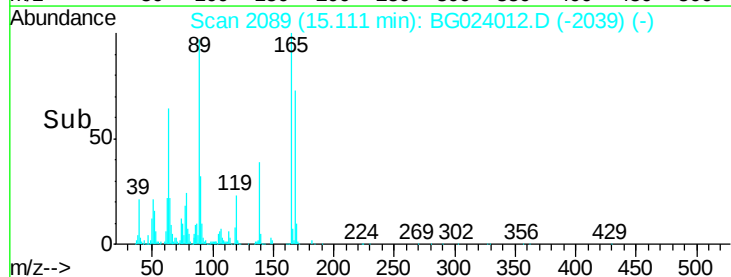
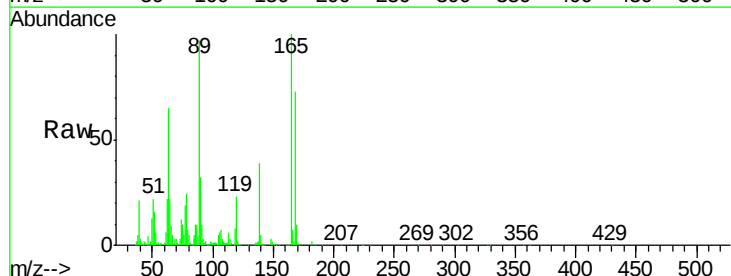
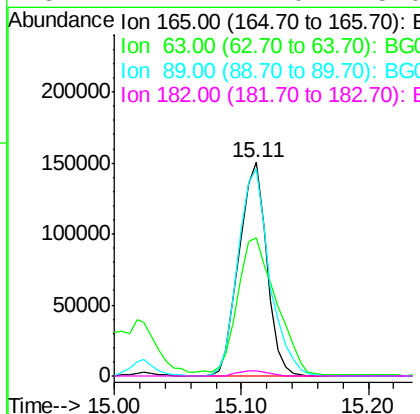
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MSD

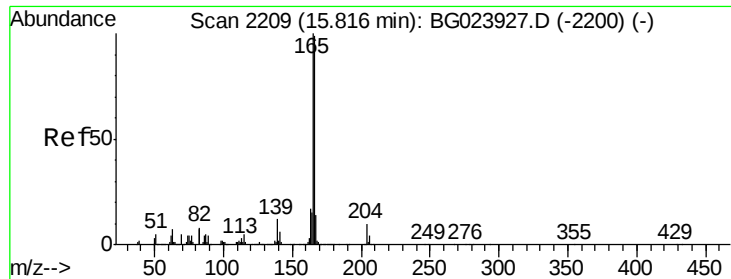
Tot Ion	Ratio	Lower	Upper
139	100		
109	141.9	103.0	143.0
65	147.6	112.7	152.7



#56
2,4-Dinitrotoluene
Concen: 42.89 ng
RT: 15.11 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.9	45.8	68.6
89	97.1	68.6	102.8
182	2.4	2.0	3.0

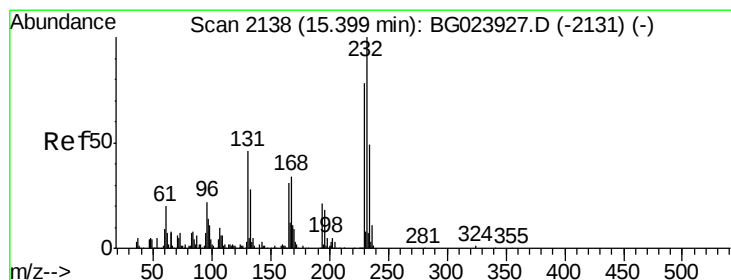
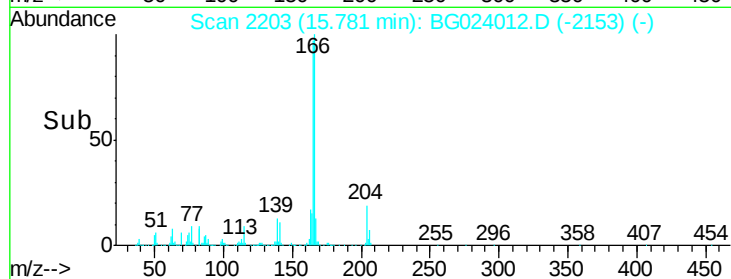
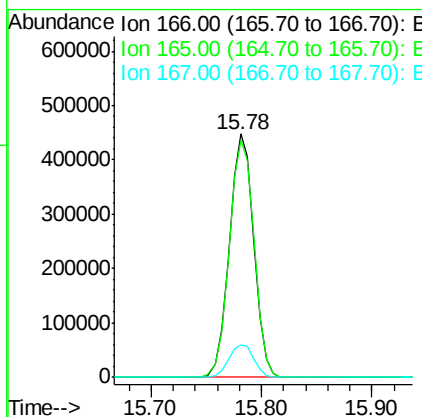
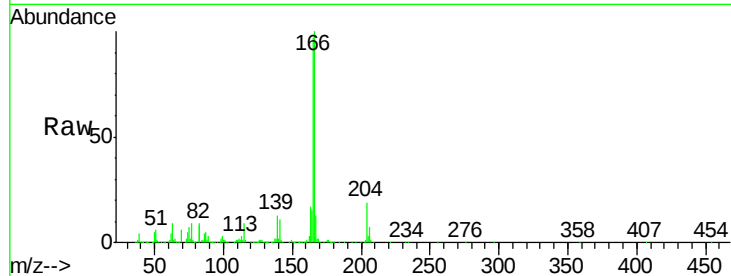




#57
Fluorene
 Concen: 41.86 ng
 RT: 15.78 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

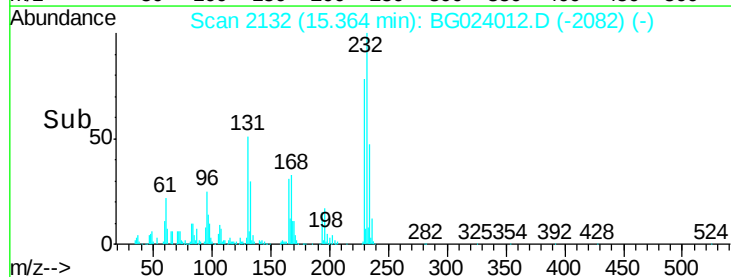
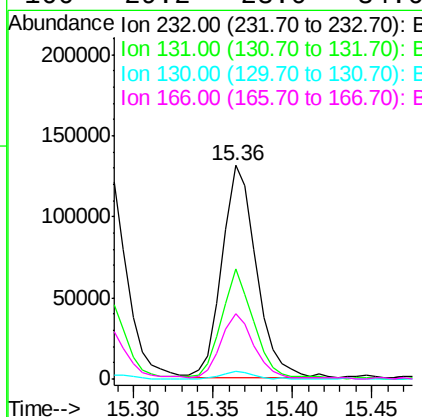
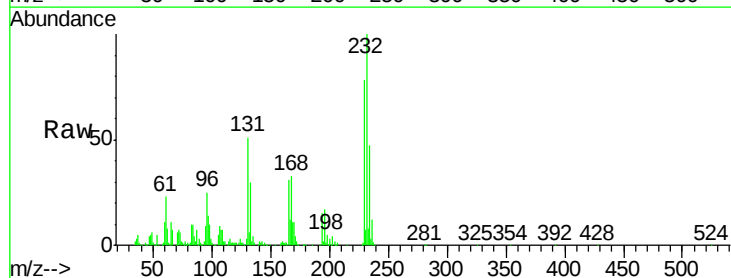
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MSD

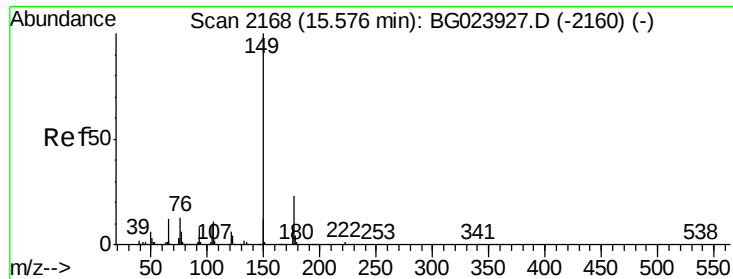
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.3	81.0	121.6
167	13.2	12.0	18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.50 ng
 RT: 15.36 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.4	32.7	49.1
130	3.0	2.6	3.8
166	29.2	23.0	34.6

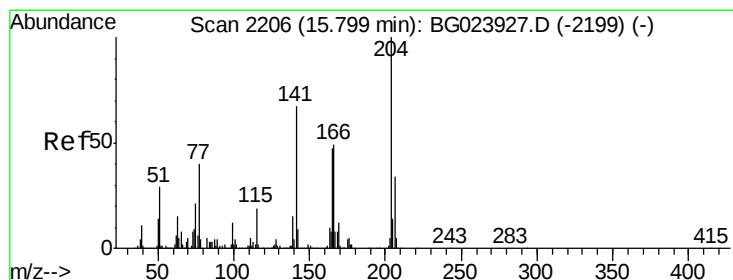
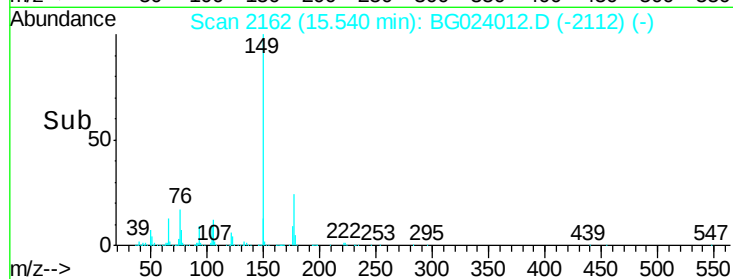
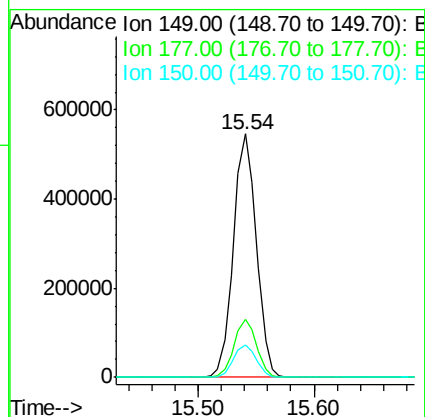
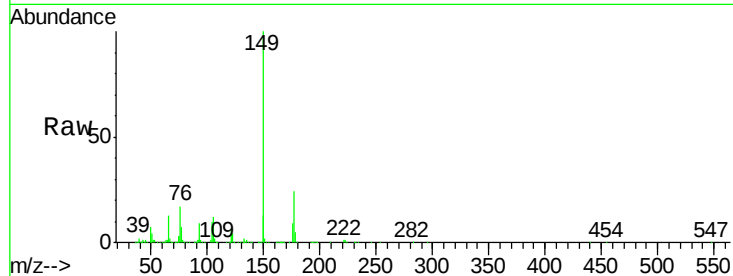




#59
Diethylphthalate
Concen: 40.85 ng
RT: 15.54 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

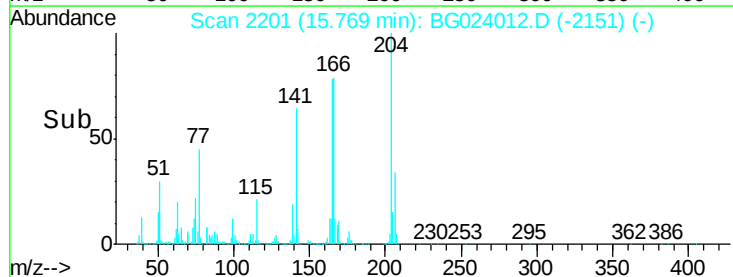
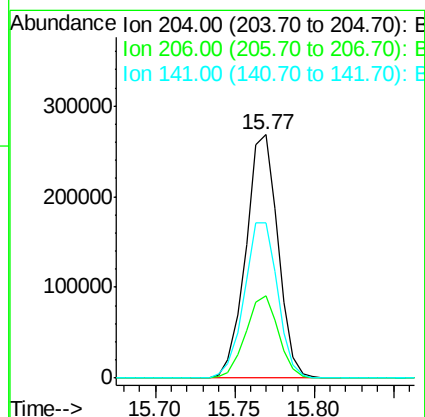
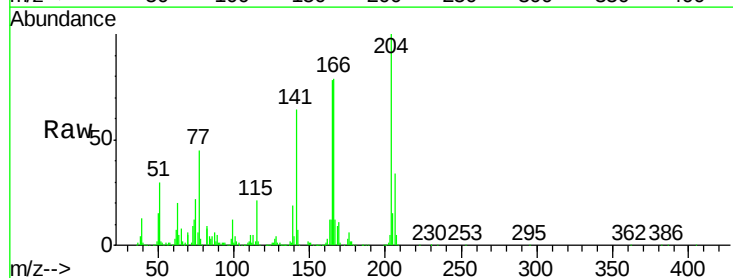
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MSD

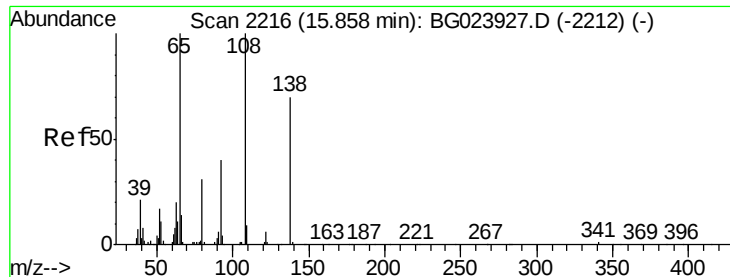
Tot Ion:149 Resp: 748727
Ion Ratio Lower Upper
149 100
177 23.8 19.2 28.8
150 13.5 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 42.40 ng
RT: 15.77 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

Tgt Ion:204 Resp: 376410
Ion Ratio Lower Upper
204 100
206 33.6 28.5 42.7
141 63.9 51.4 77.0

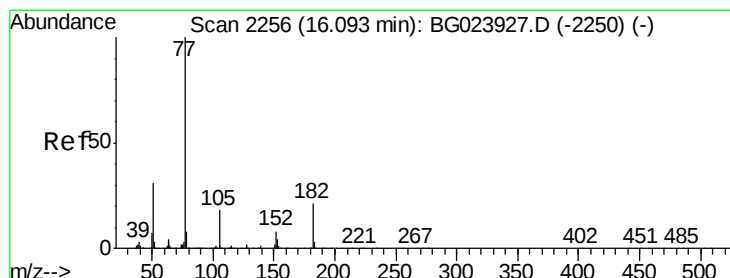
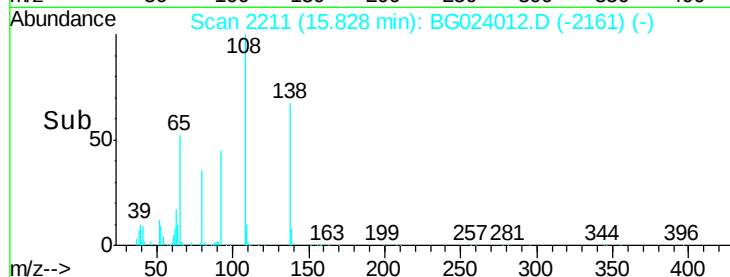
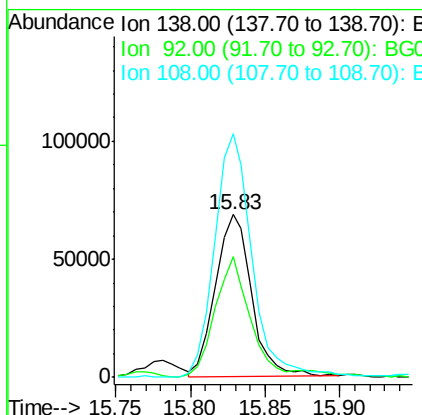
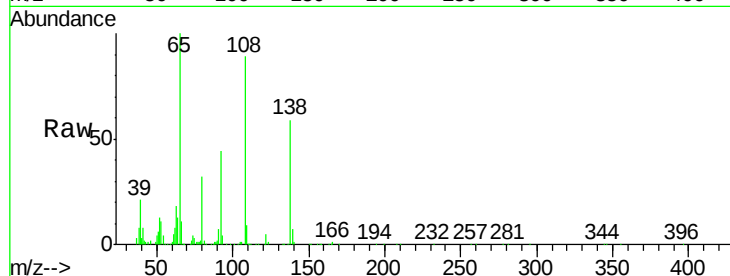




#61
4-Nitroaniline
Concen: 33.53 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

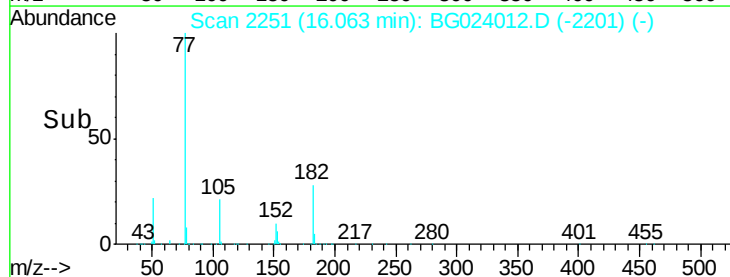
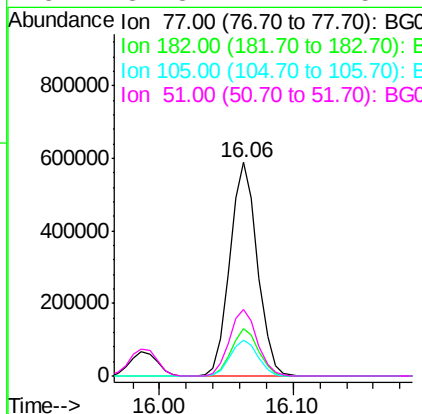
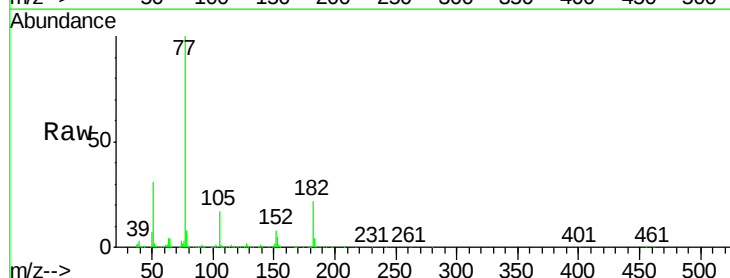
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MSD

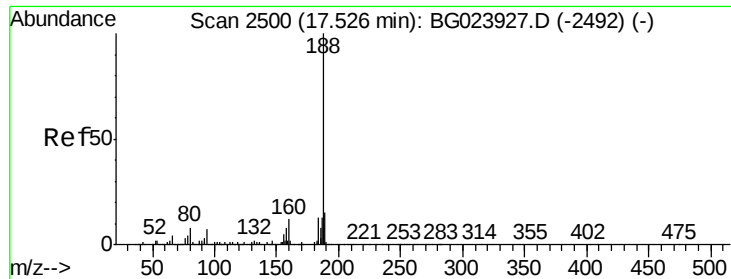
Tot Ion:138 Resp: 114902
Ion Ratio Lower Upper
138 100
92 74.6 54.1 94.1
108 149.8 133.9 173.9



#62
Azobenzene
Concen: 47.55 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

Tgt Ion: 77 Resp: 844061
Ion Ratio Lower Upper
77 100
182 22.3 3.5 43.5
105 16.8 0.0 38.5
51 31.3 17.1 57.1

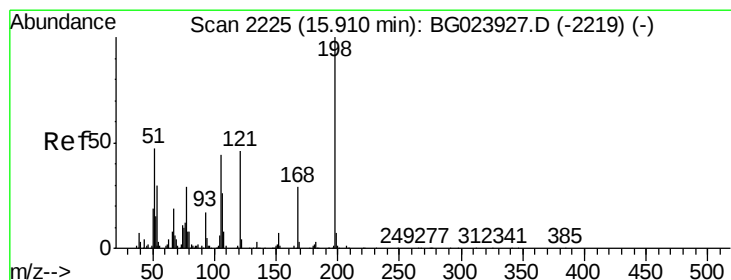
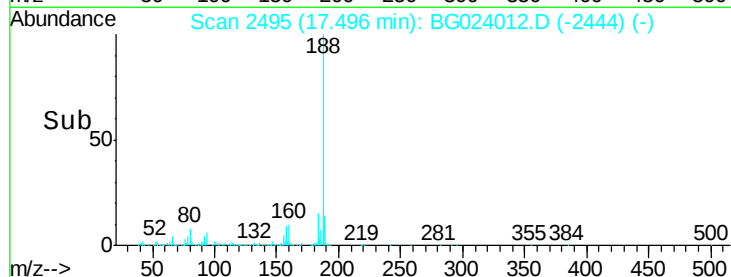
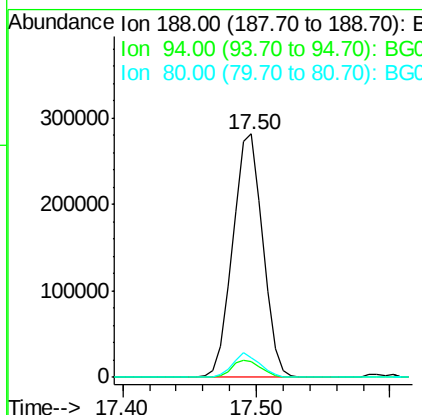
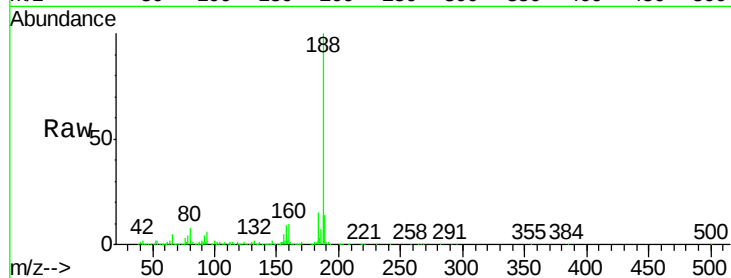




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.50 min Scan# 2495
 Delta R.T. 0.00 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

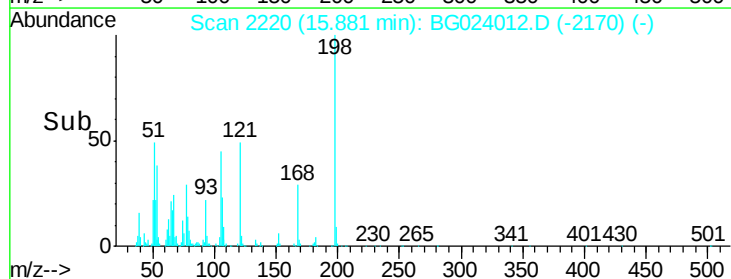
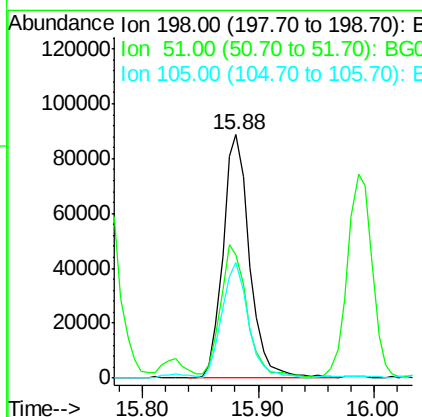
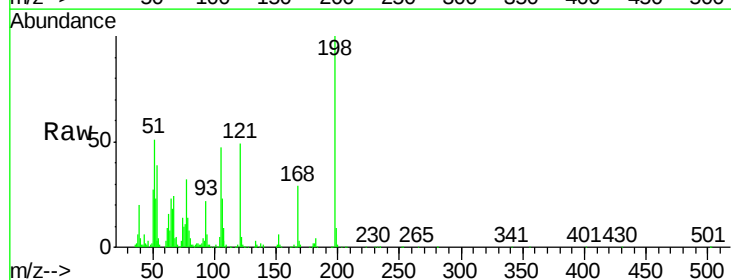
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MSD

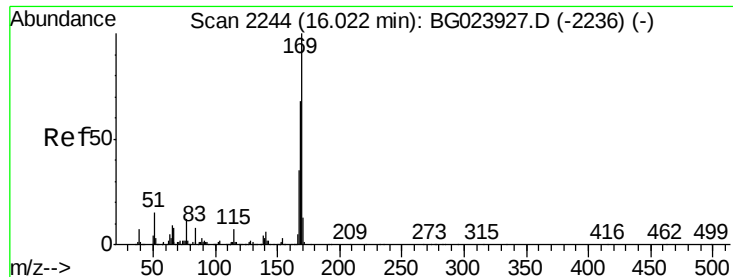
Tot Ion:188 Resp: 439903
 Ion Ratio Lower Upper
 188 100
 94 6.3 5.2 7.8
 80 8.2 7.2 10.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 46.36 ng
 RT: 15.88 min Scan# 2220
 Delta R.T. -0.00 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

Tgt Ion:198 Resp: 141575
 Ion Ratio Lower Upper
 198 100
 51 50.8 26.0 66.0
 105 47.5 20.1 60.1

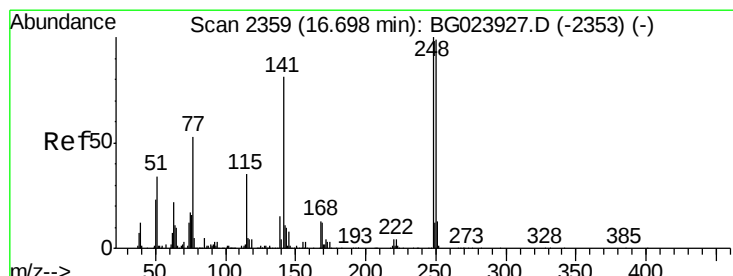
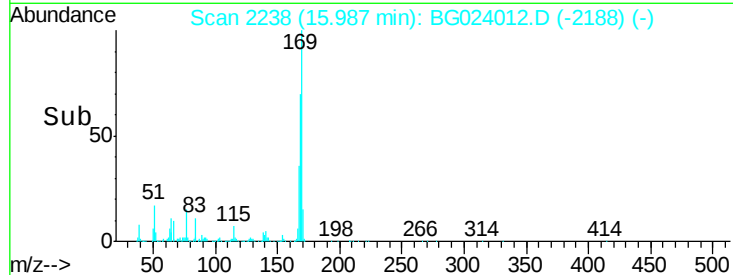
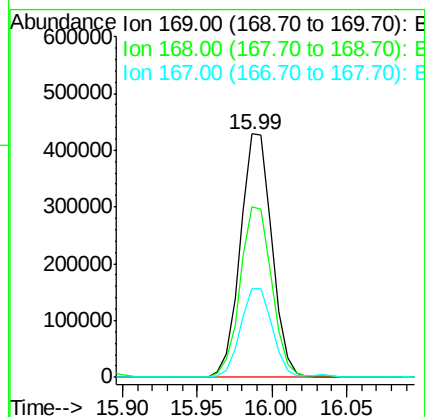
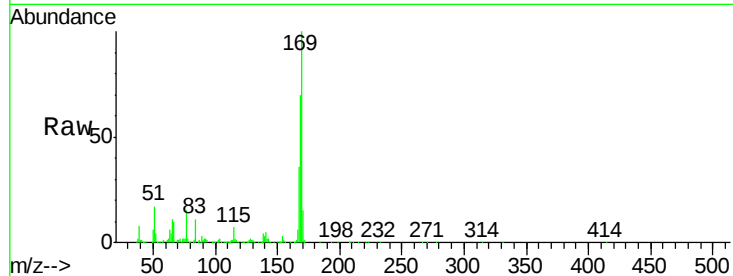




#65
n-Nitrosodiphenylamine
Concen: 50.15 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

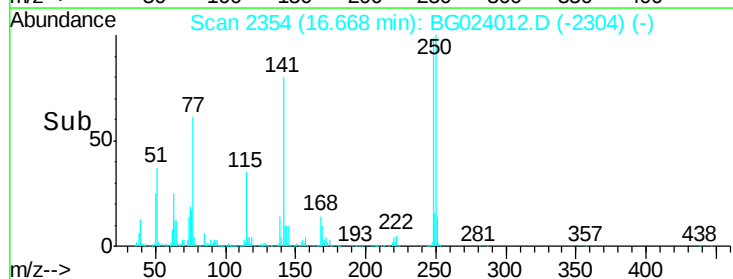
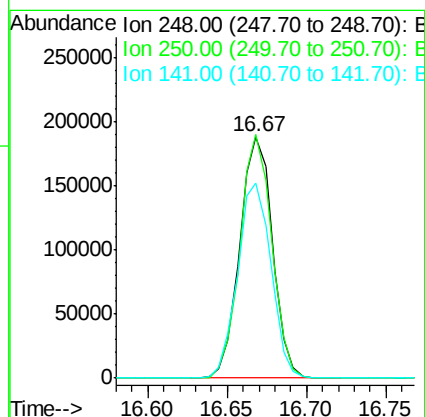
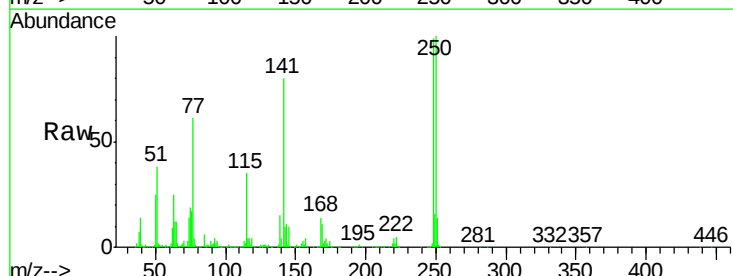
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MSD

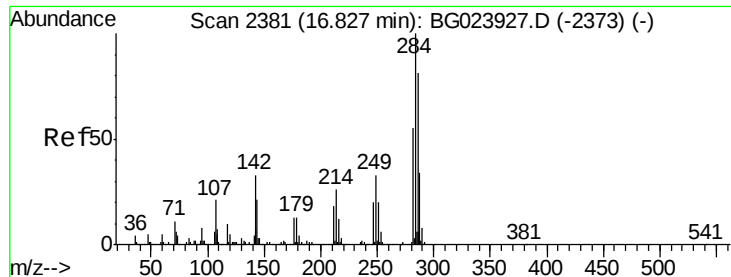
Tot Ion:169 Resp: 626651
Ion Ratio Lower Upper
169 100
168 69.9 55.0 82.4
167 36.4 27.4 41.0



#66
4-Bromophenyl-phenylether
Concen: 50.23 ng
RT: 16.67 min Scan# 2354
Delta R.T. -0.00 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

Tgt Ion:248 Resp: 268808
Ion Ratio Lower Upper
248 100
250 100.8 77.8 116.8
141 80.8 65.7 98.5





#67

Hexachlorobenzene

Concen: 44.80 ng

RT: 16.79 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

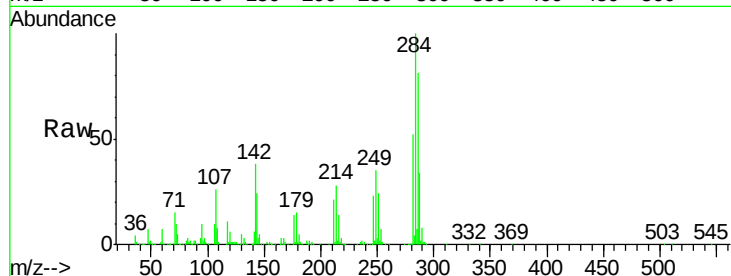
Tot Ion:284 Resp: 281219

Ion Ratio Lower Upper

284 100

142 38.2 26.8 40.2

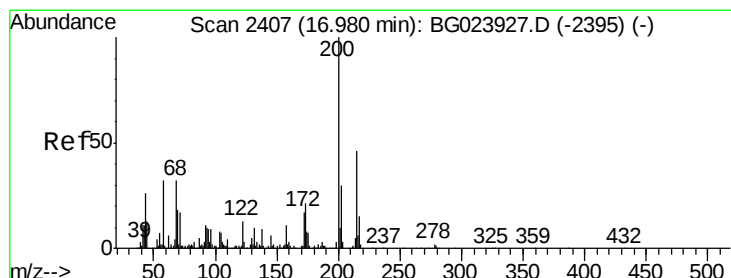
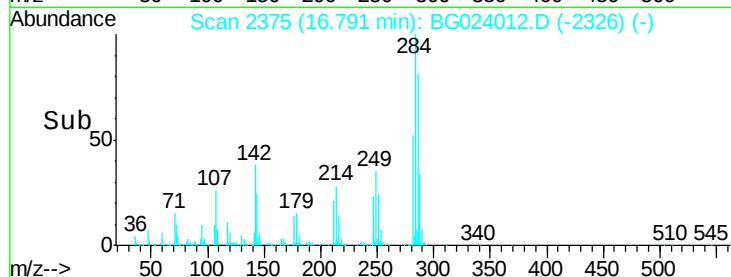
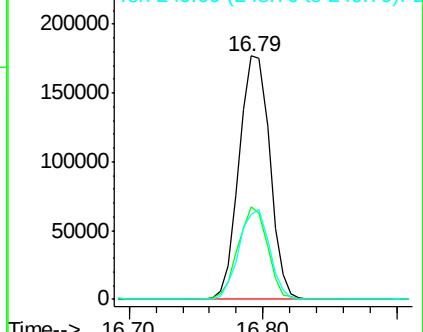
249 35.0 28.9 43.3



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: 41.07 ng

RT: 16.94 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

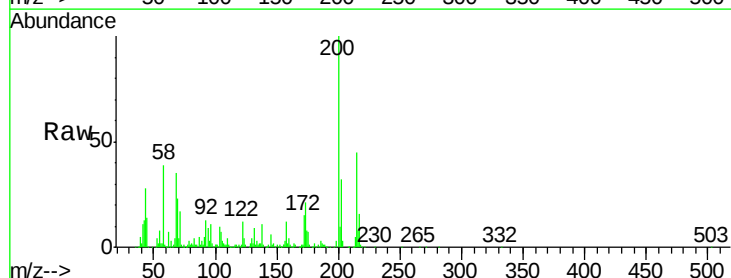
Tgt Ion:200 Resp: 220788

Ion Ratio Lower Upper

200 100

173 21.4 1.6 41.6

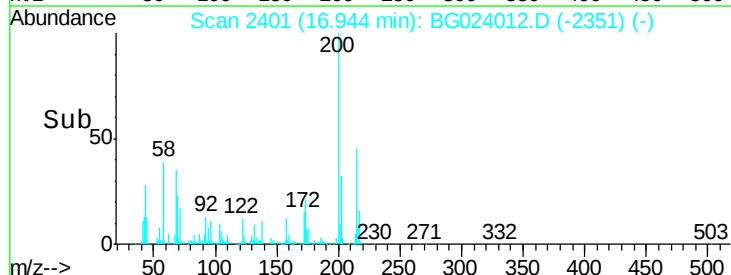
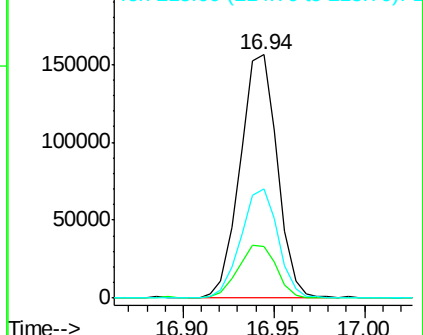
215 44.9 28.7 68.7



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: 85.93 ng

RT: 17.15 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

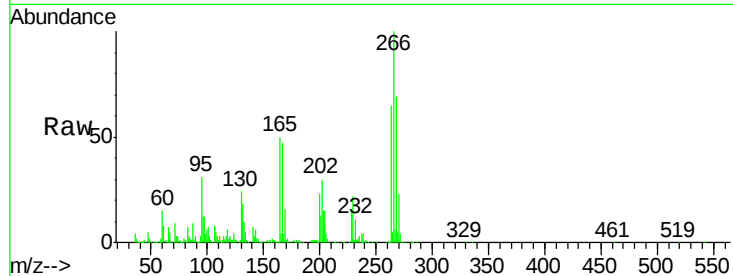
Tot Ion:266 Resp: 286478

Ion Ratio Lower Upper

266 100

268 68.5 51.9 77.9

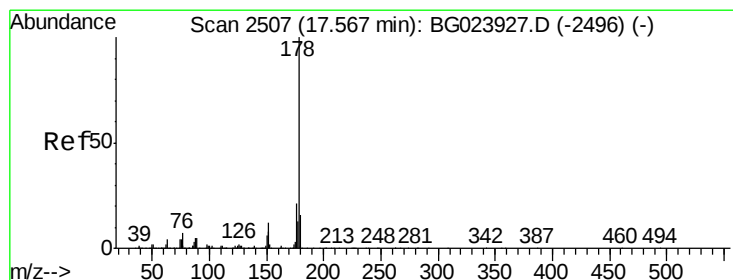
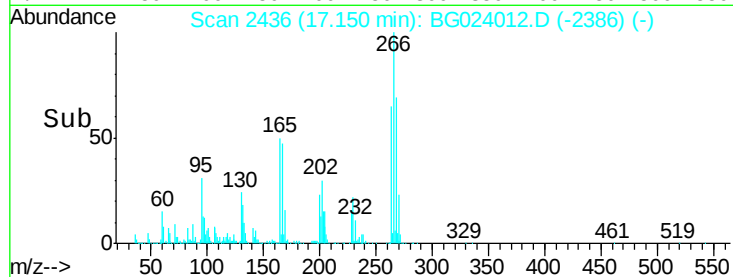
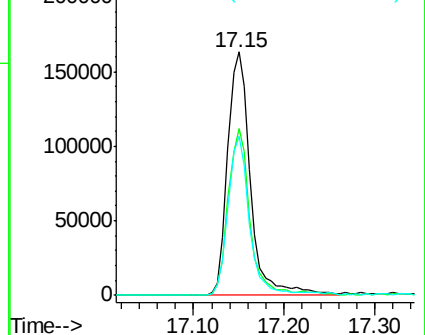
264 65.2 50.6 75.8



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: 49.87 ng

RT: 17.54 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

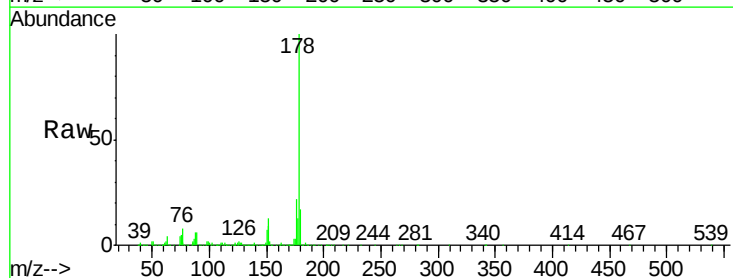
Tgt Ion:178 Resp: 1141202

Ion Ratio Lower Upper

178 100

176 22.1 16.8 25.2

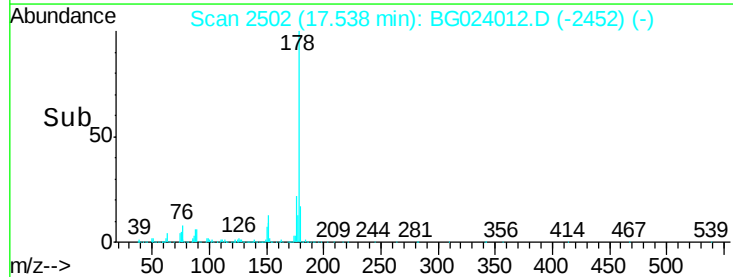
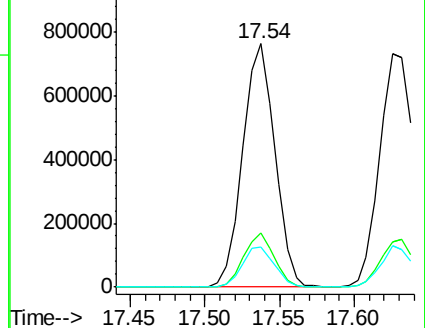
179 16.6 14.3 21.5

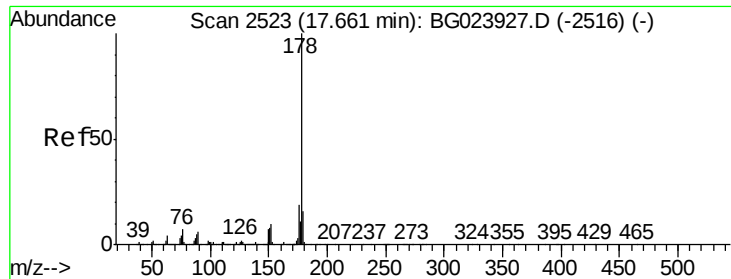


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

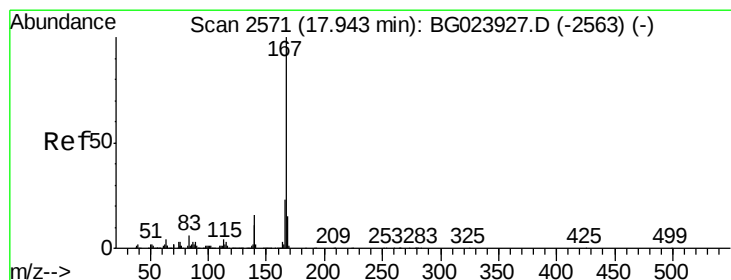
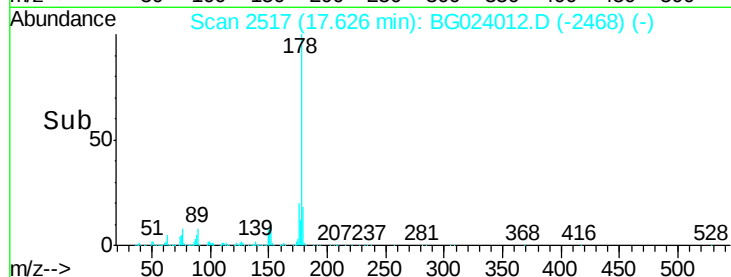
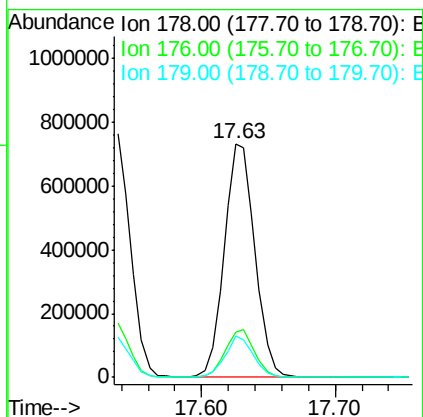
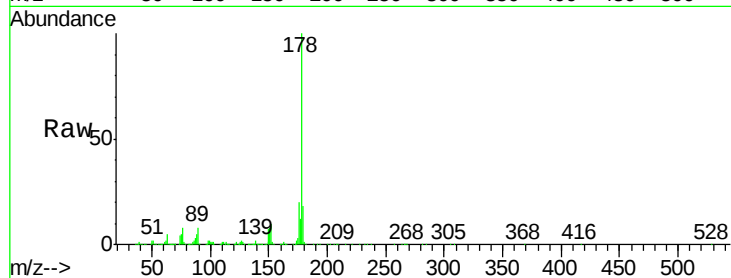




#71
 Anthracene
 Concen: 50.05 ng
 RT: 17.63 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

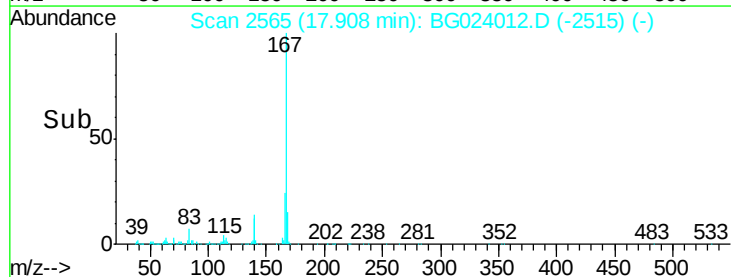
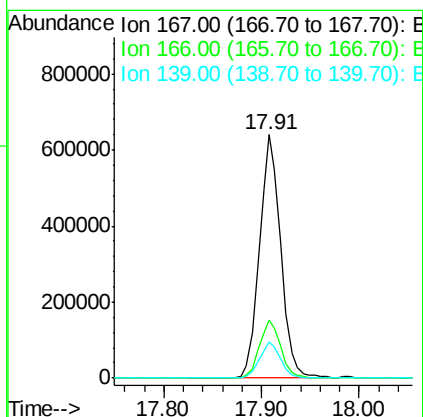
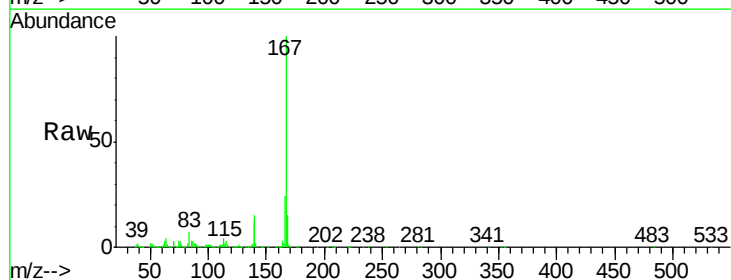
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MSD

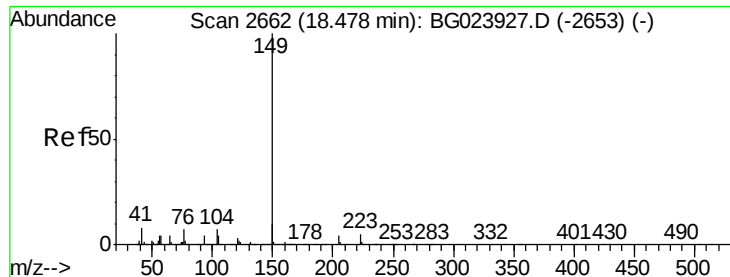
Tot Ion:178 Resp: 1168362
 Ion Ratio Lower Upper
 178 100
 176 19.5 17.3 25.9
 179 17.7 14.0 21.0



#72
 Carbazole
 Concen: 46.33 ng
 RT: 17.91 min Scan# 2565
 Delta R.T. -0.00 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

Tgt Ion:167 Resp: 981481
 Ion Ratio Lower Upper
 167 100
 166 23.7 20.7 31.1
 139 14.6 11.9 17.9

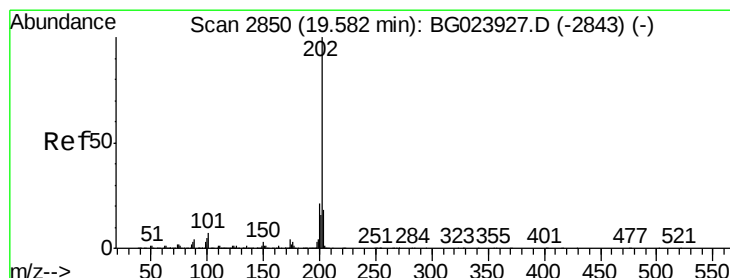
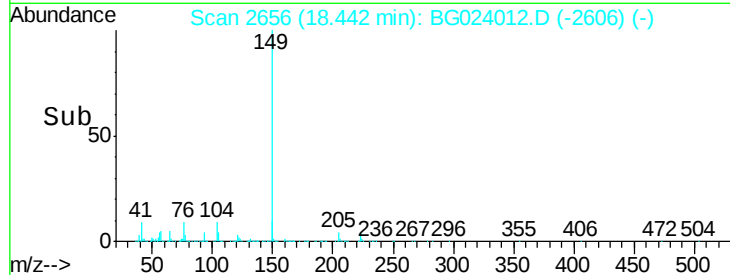
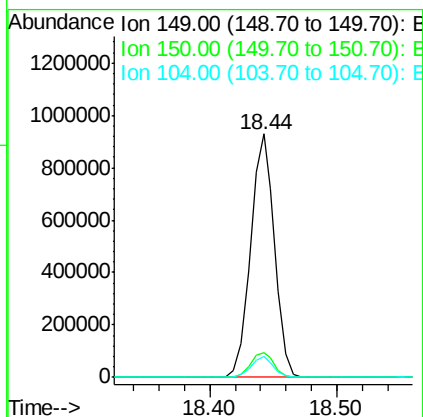
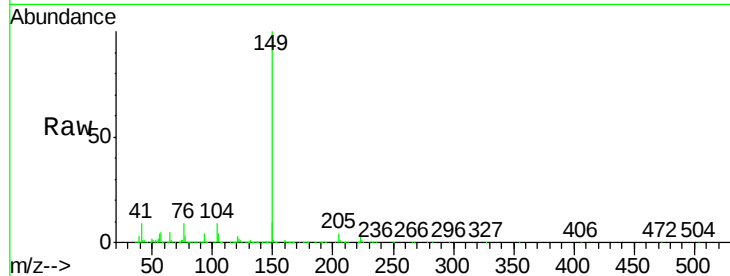




#73
Di-n-butylphthalate
Concen: 47.94 ng
RT: 18.44 min Scan# 2656
Delta R.T. -0.00 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

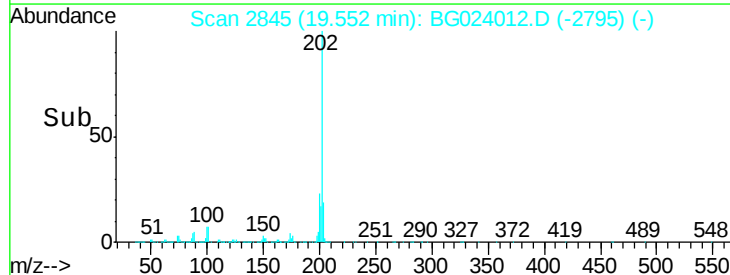
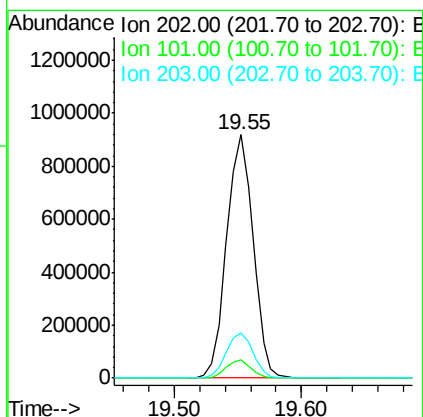
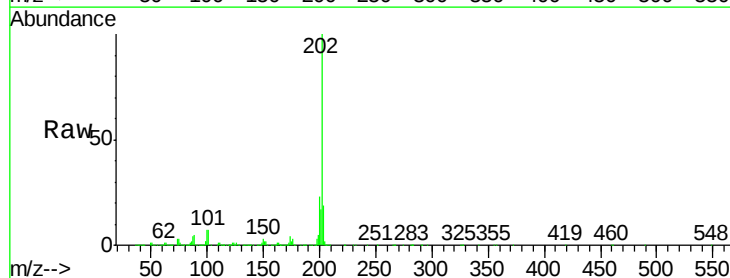
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MSD

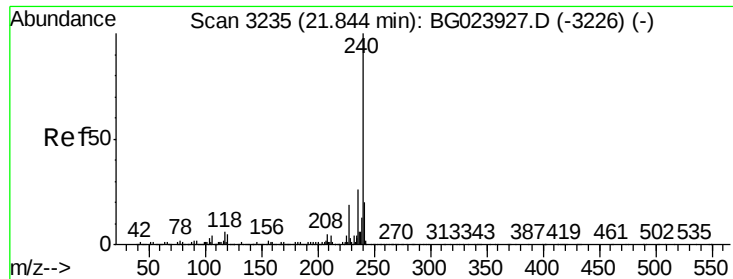
Tot Ion:149 Resp: 1211707
Ion Ratio Lower Upper
149 100
150 10.3 9.1 13.7
104 8.6 6.9 10.3



#74
Fluoranthene
Concen: 48.10 ng
RT: 19.55 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

Tgt Ion:202 Resp: 1325122
Ion Ratio Lower Upper
202 100
101 7.3 0.0 27.4
203 18.8 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

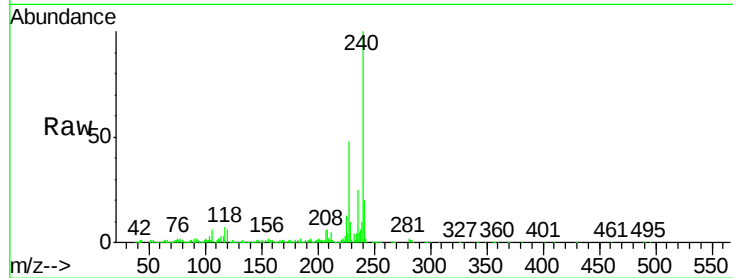
Tot Ion:240 Resp: 473841

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

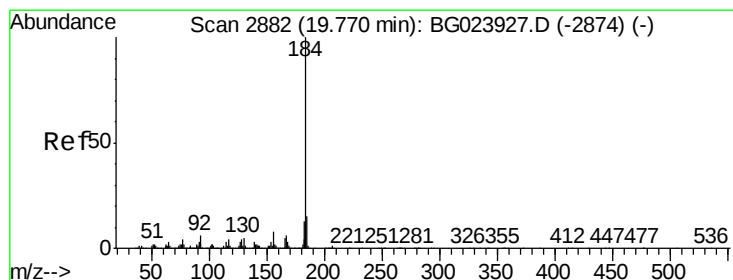
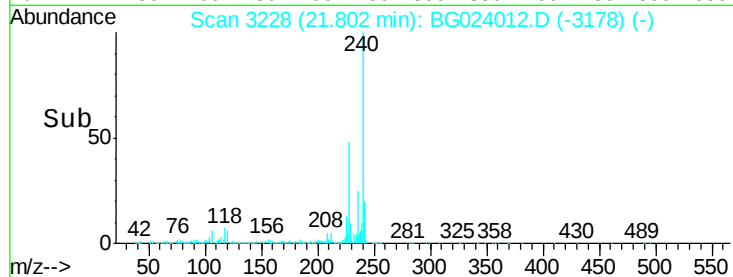
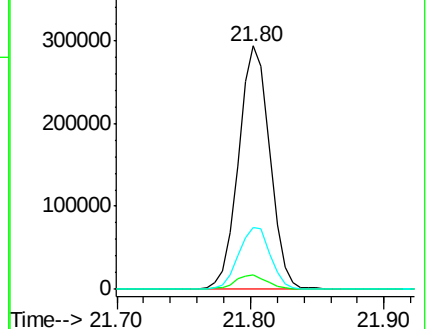
236 25.5 21.1 31.7



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: 9.15 ng

RT: 19.75 min Scan# 2879

Delta R.T. 0.01 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

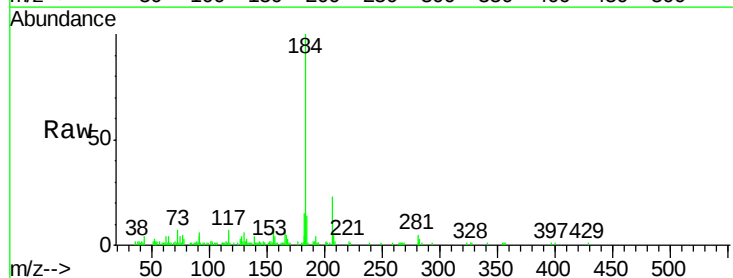
Tgt Ion:184 Resp: 134278

Ion Ratio Lower Upper

184 100

185 14.3 12.6 19.0

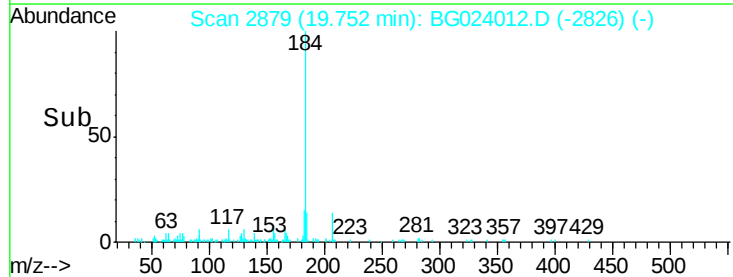
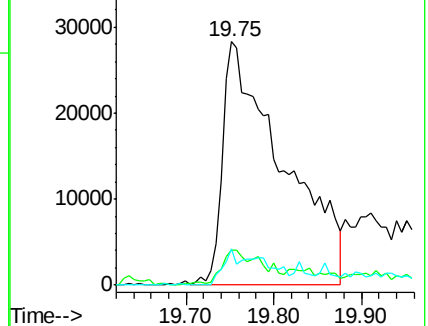
183 14.9 10.7 16.1

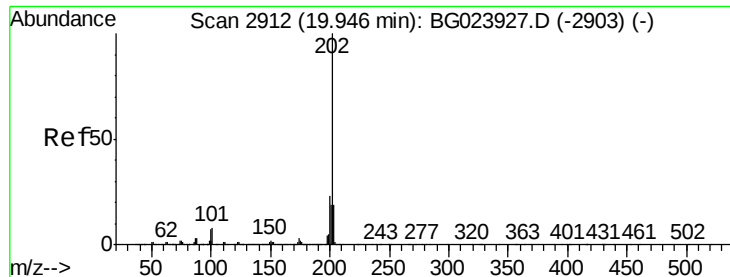


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.09 ng

RT: 19.92 min Scan# 2907

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

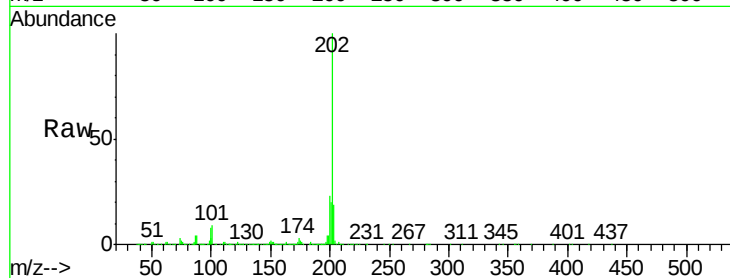
Tot Ion:202 Resp: 1314105

Ion	Ratio	Lower	Upper
202	100		
200	22.9	21.2	31.8
203	19.4	16.8	25.2

202 100

200 22.9 21.2 31.8

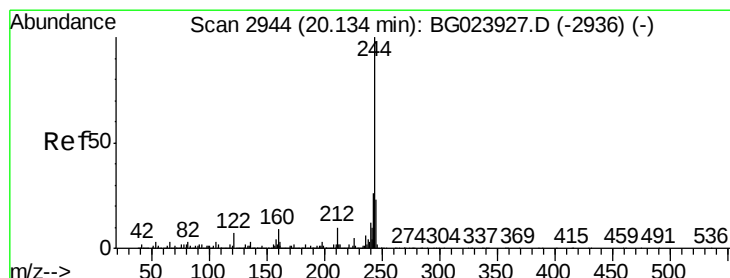
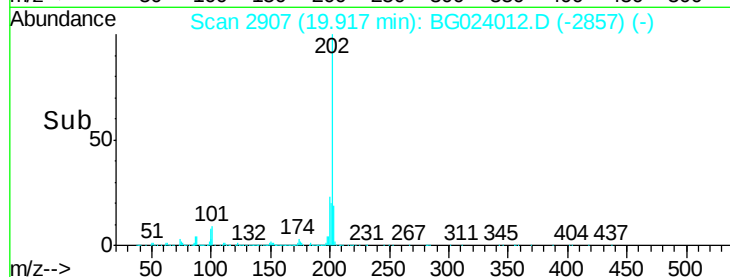
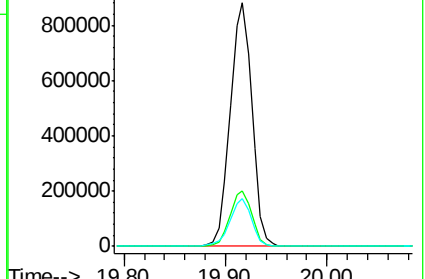
203 19.4 16.8 25.2



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: 81.16 ng

RT: 20.10 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

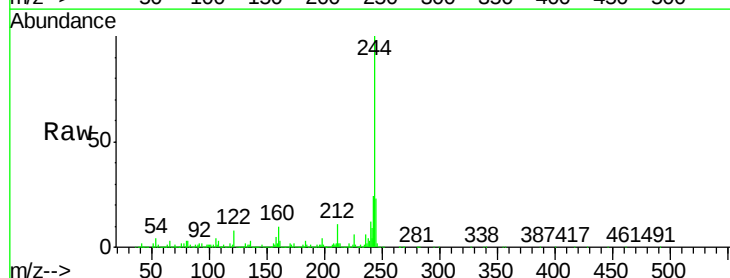
Tgt Ion:244 Resp: 1688649

Ion	Ratio	Lower	Upper
244	100		
212	10.8	10.8	16.2#
122	8.0	8.0	12.0

244 100

212 10.8 10.8 16.2#

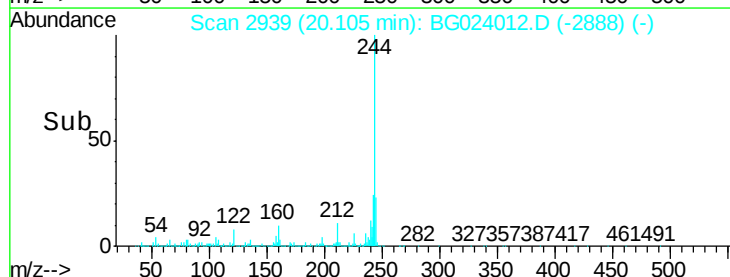
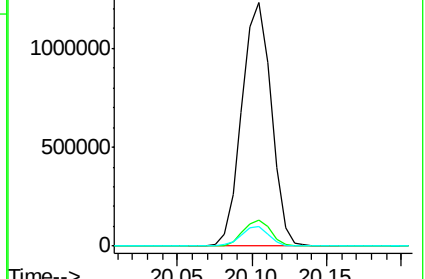
122 8.0 8.0 12.0

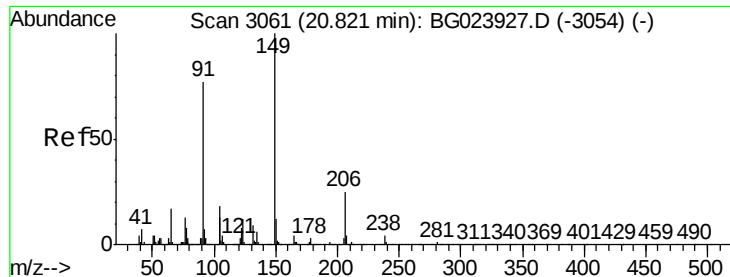


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.90 ng

RT: 20.79 min Scan# 3055

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

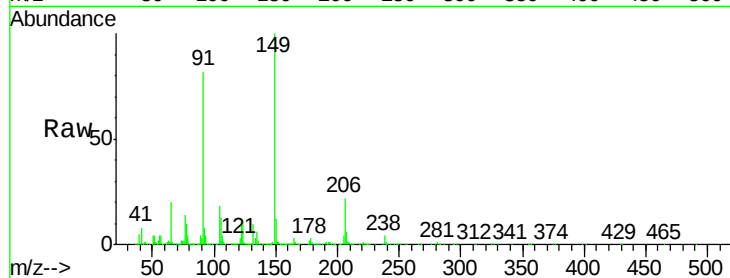
Tot Ion:149 Resp: 549361

Ion Ratio Lower Upper

149 100

91 82.5 68.1 102.1

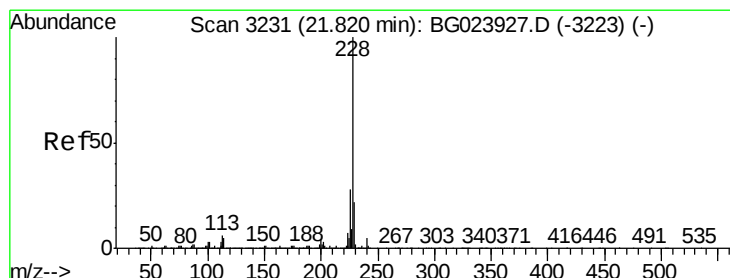
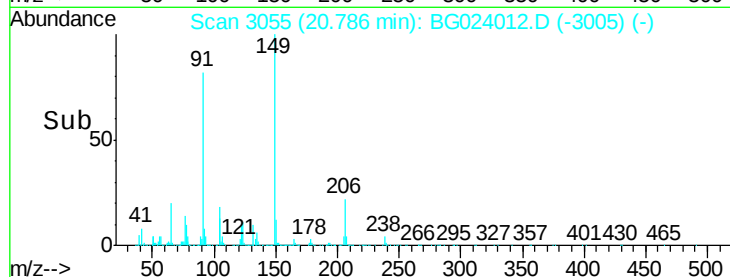
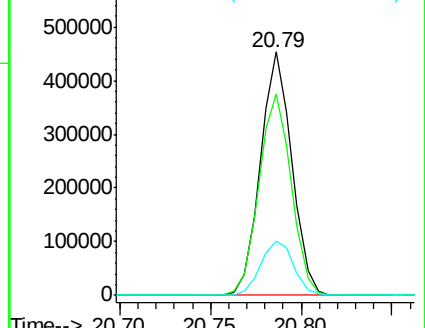
206 22.2 19.8 29.6



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: 50.69 ng

RT: 21.78 min Scan# 3225

Delta R.T. 0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

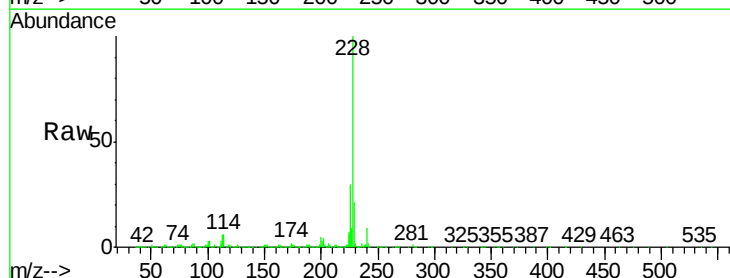
Tgt Ion:228 Resp: 1344635

Ion Ratio Lower Upper

228 100

226 29.6 25.3 37.9

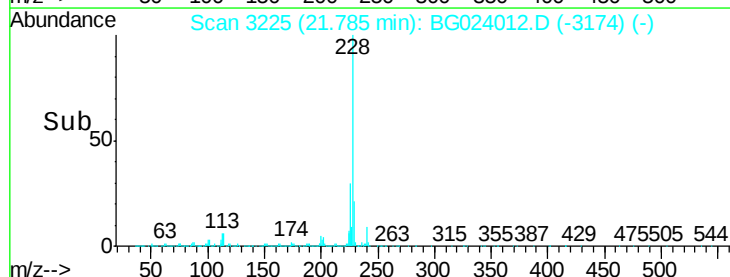
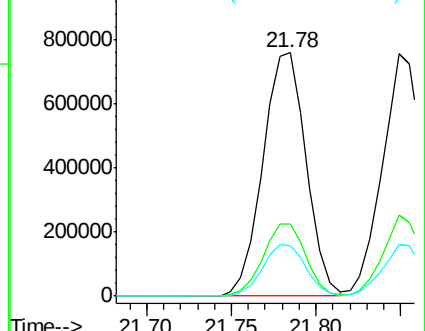
229 20.9 19.9 29.9

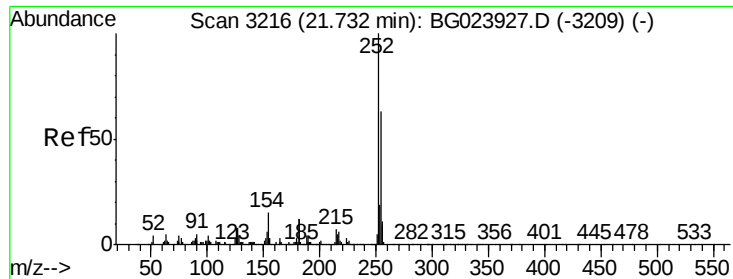


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

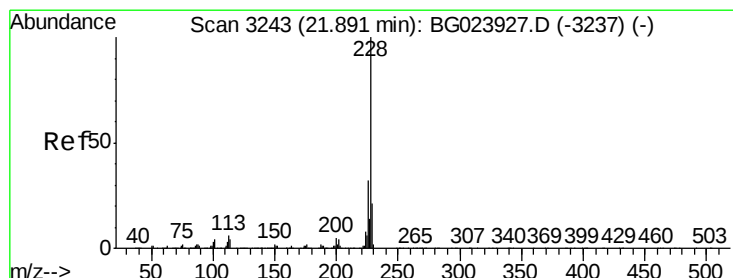
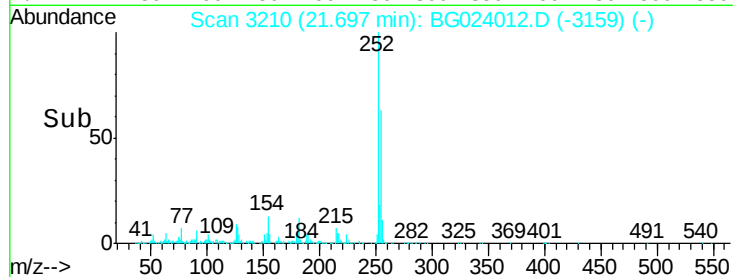
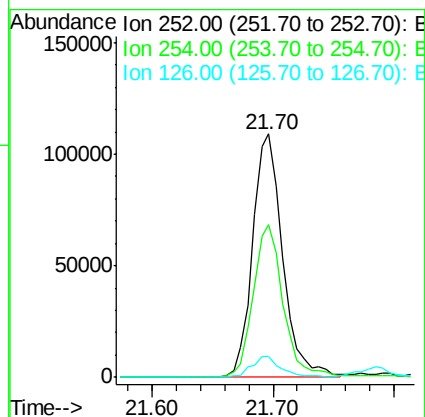
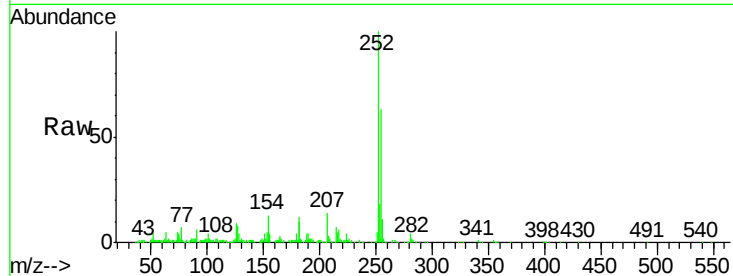




#81
 3,3'-Dichlorobenzidine
 Concen: 17.87 ng
 RT: 21.70 min Scan# 3210
 Delta R.T. 0.00 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

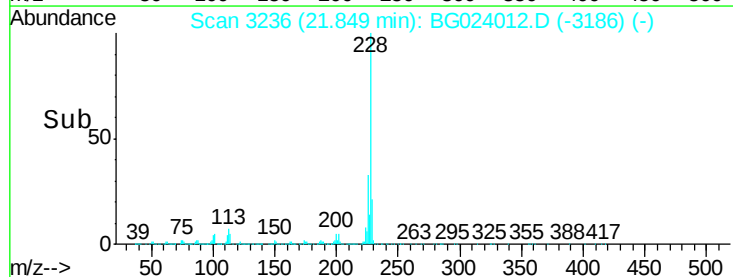
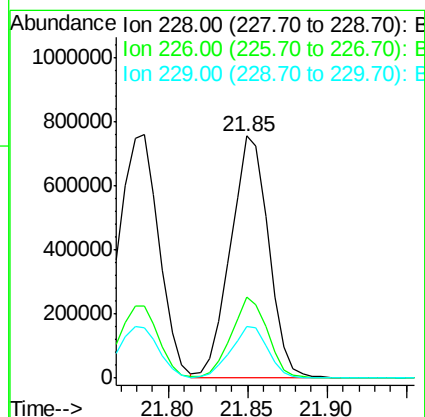
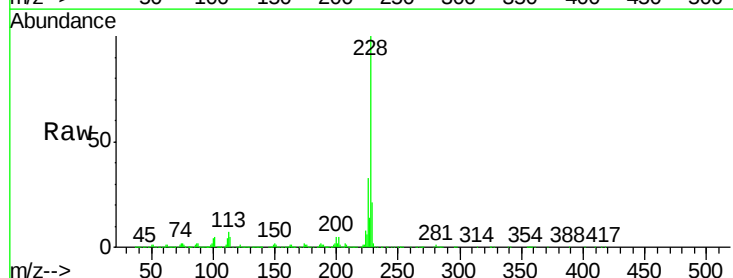
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MSD

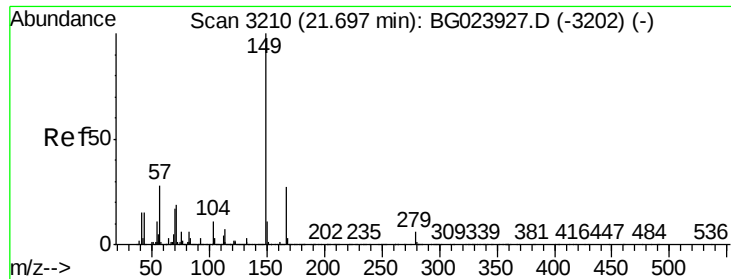
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.2	76.8
126	8.5	5.3	7.9



#82
 Chrysene
 Concen: 49.40 ng
 RT: 21.85 min Scan# 3236
 Delta R.T. -0.00 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	26.7	40.1
229	21.3	17.4	26.2

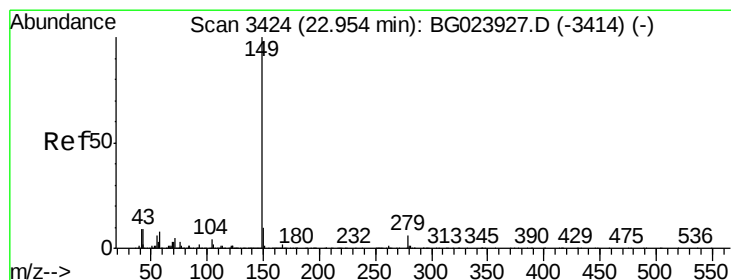
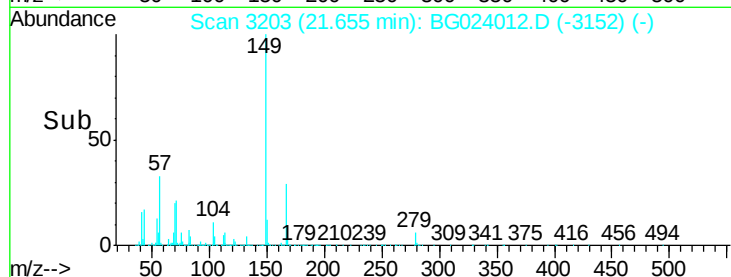
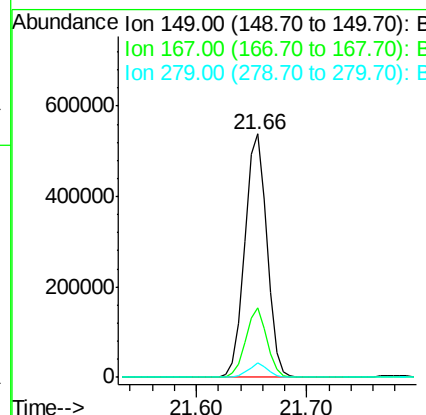
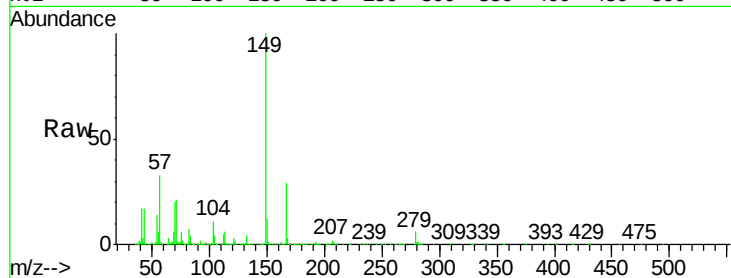




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.32 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

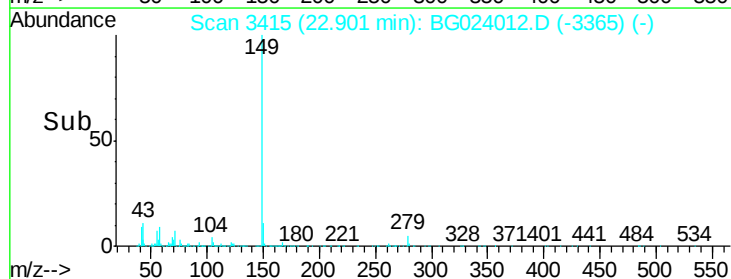
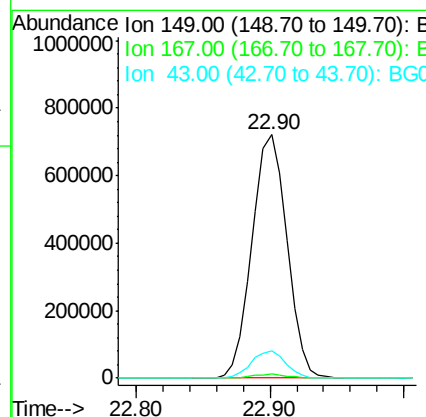
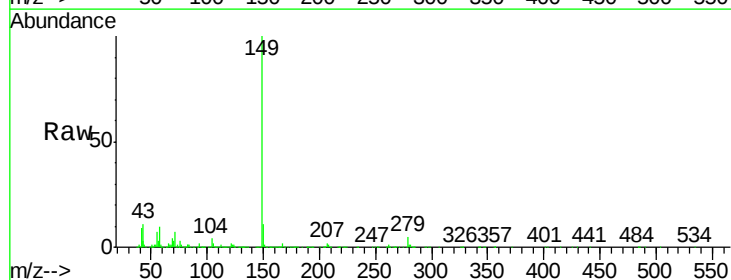
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-70-091416MSD

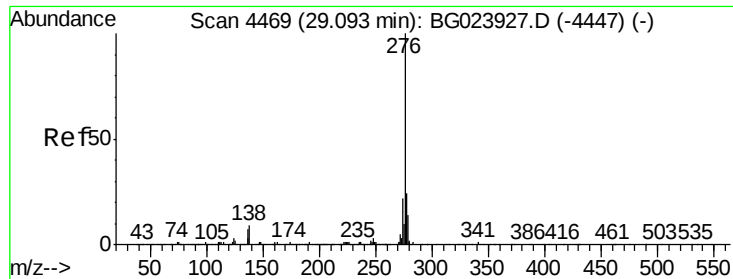
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.8	24.0	36.0
279	5.9	4.8	7.2



#84
 Di-n-octyl phthalate
 Concen: 51.47 ng
 RT: 22.90 min Scan# 3415
 Delta R.T. -0.00 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.5	2.3
43	11.0	8.8	13.2



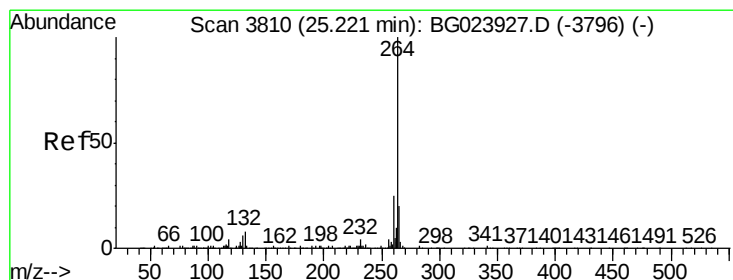
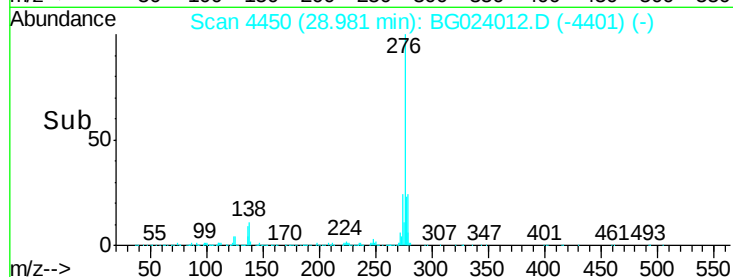
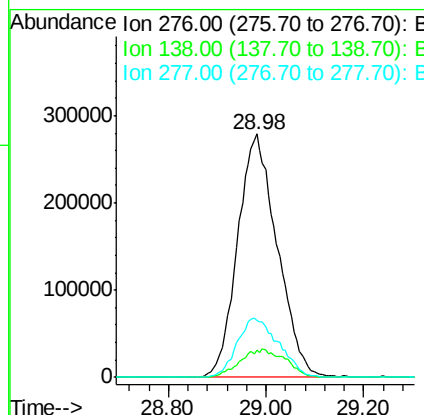
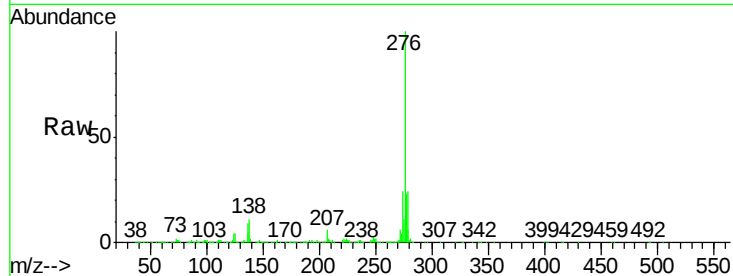


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.14 ng
 RT: 28.98 min Scan# 4450
 Delta R.T. -0.01 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

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

Tot Ion:276 Resp: 1569499

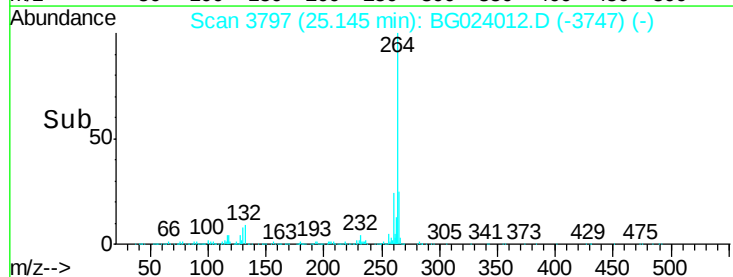
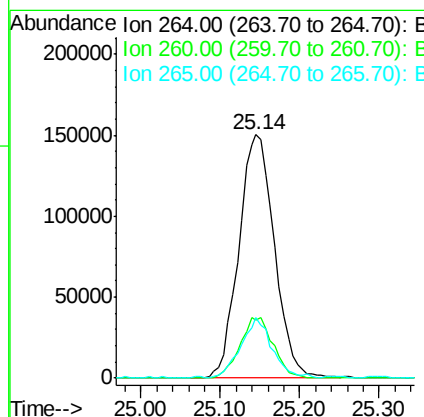
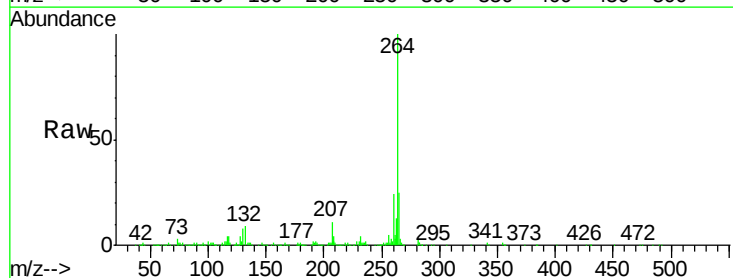
Ion	Ratio	Lower	Upper
276	100		
138	13.2	0.0	0.0#
277	25.4	0.0	0.0#

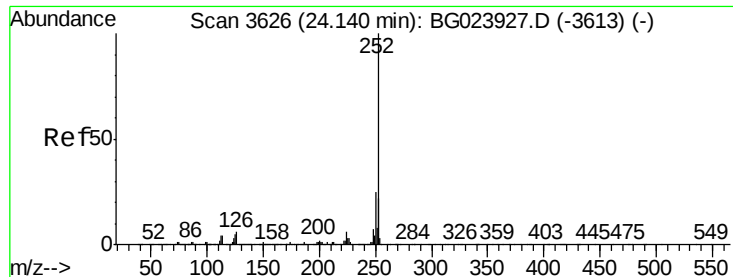


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.14 min Scan# 3797
 Delta R.T. -0.00 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

Tgt Ion:264 Resp: 467440

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	24.9	18.9	28.3

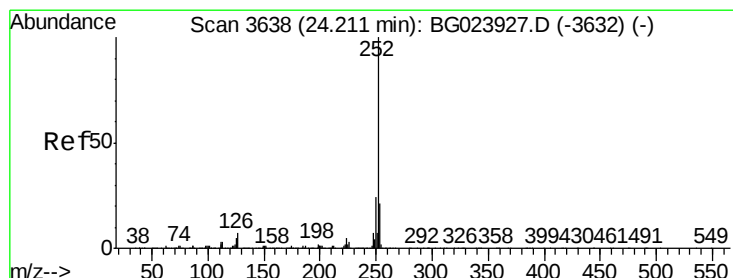
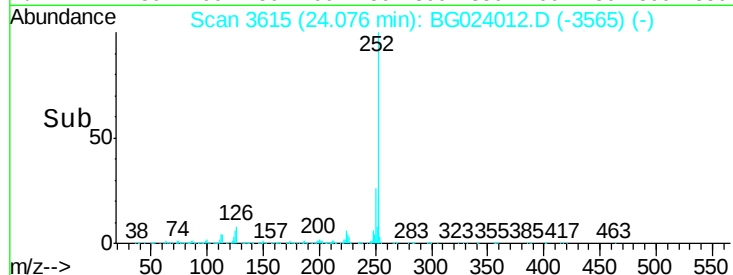
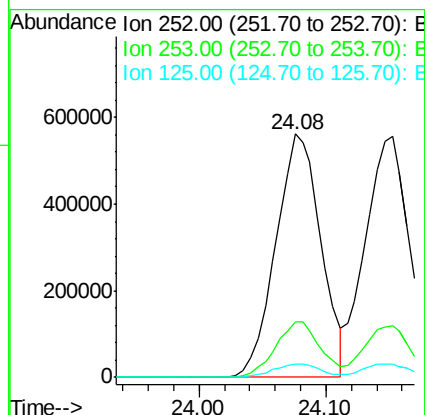
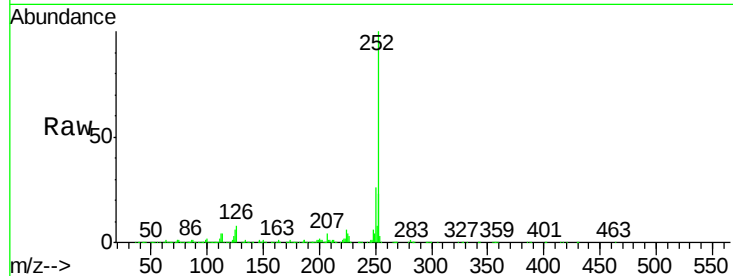




#87
Benzo(b)fluoranthene
Concen: 52.31 ng
RT: 24.08 min Scan# 3615
Delta R.T. -0.00 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

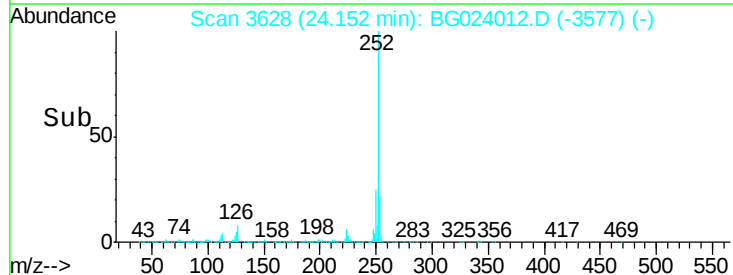
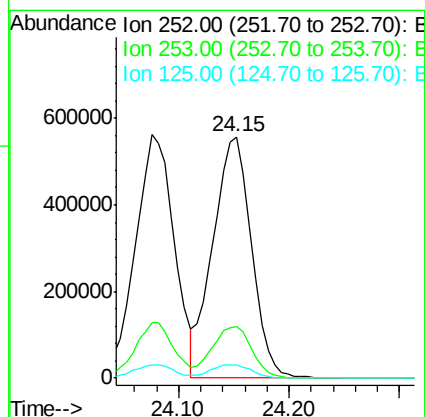
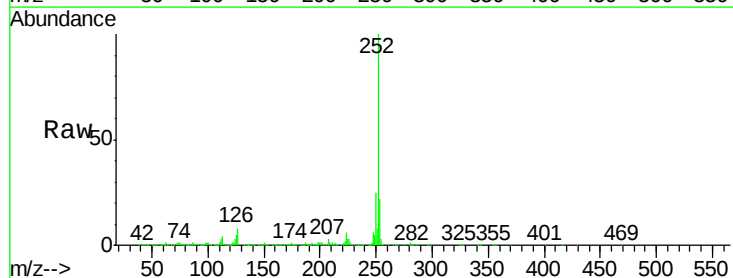
Instrument :
BNA_G
ClientSampleId :
HSR-WC-70-091416MSD

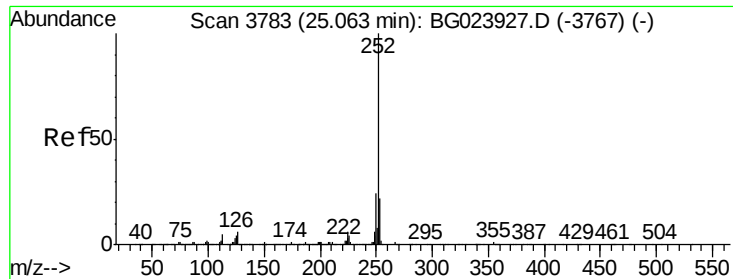
Tot Ion:252 Resp: 1388928
Ion Ratio Lower Upper
252 100
253 22.8 18.9 28.3
125 5.6 3.9 5.9



#88
Benzo(k)fluoranthene
Concen: 51.04 ng
RT: 24.15 min Scan# 3628
Delta R.T. 0.00 min
Lab File: BG024012.D
Acq: 17 Sep 2016 3:02

Tgt Ion:252 Resp: 1343726
Ion Ratio Lower Upper
252 100
253 21.6 18.8 28.2
125 5.3 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 52.51 ng

RT: 24.99 min Scan# 3771

Delta R.T. 0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

Instrument :

BNA_G

ClientSampleId :

HSR-WC-70-091416MSD

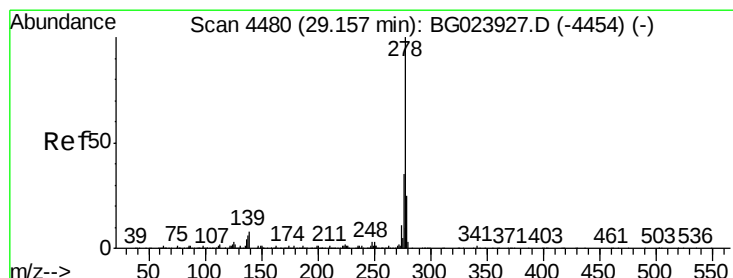
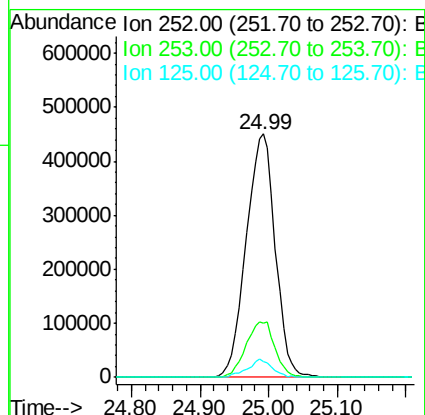
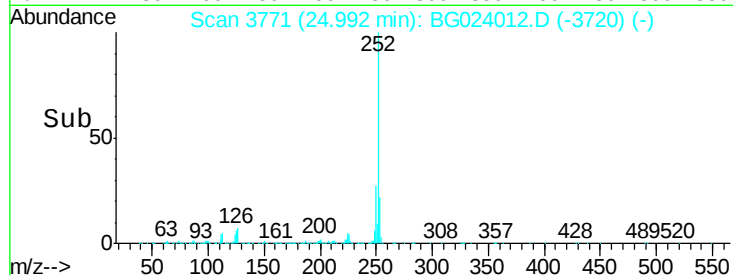
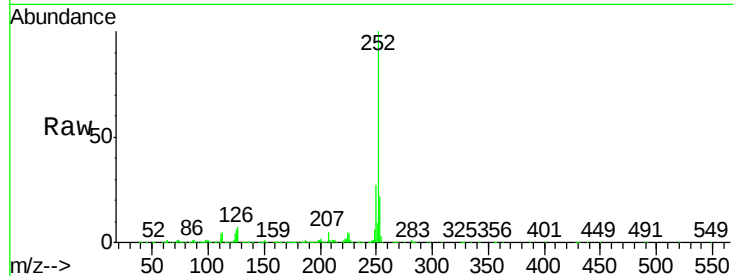
Tot Ion:252 Resp: 1323980

Ion Ratio Lower Upper

252 100

253 22.1 18.7 28.1

125 6.5 3.9 5.9#



#90

Dibenzo(a,h)anthracene

Concen: 51.79 ng

RT: 29.04 min Scan# 4460

Delta R.T. -0.00 min

Lab File: BG024012.D

Acq: 17 Sep 2016 3:02

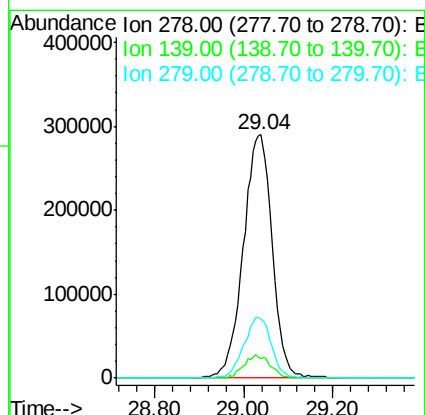
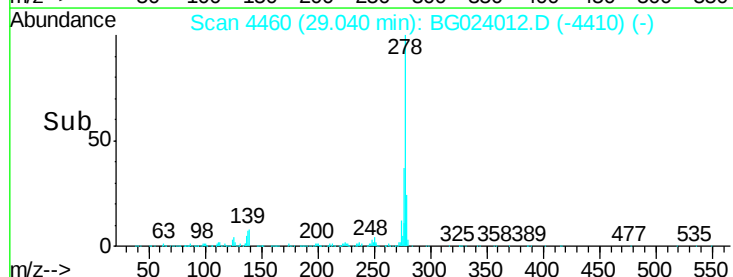
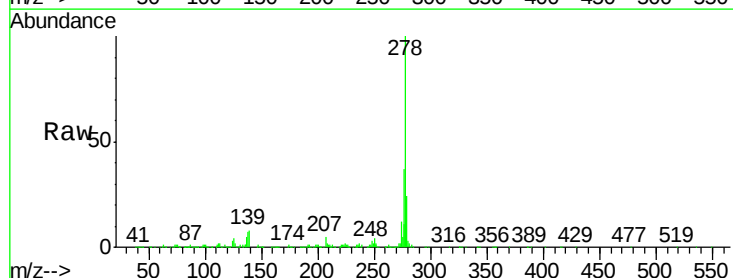
Tgt Ion:278 Resp: 1284367

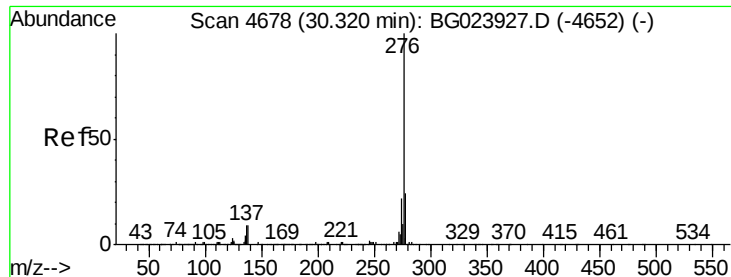
Ion Ratio Lower Upper

278 100

139 8.1 4.7 7.1#

279 24.2 18.3 27.5

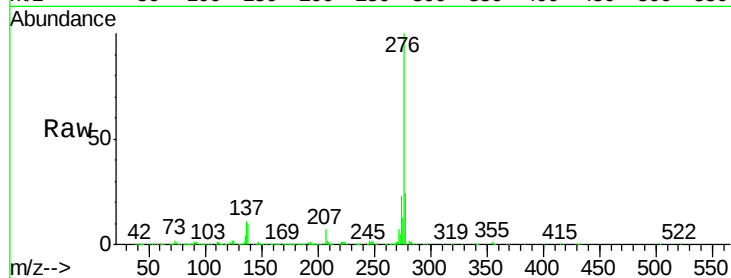




#91
 Benzo(a,h,i)perylene
 Concen: 54.60 ng
 RT: 30.18 min Scan# 4654
 Delta R.T. -0.00 min
 Lab File: BG024012.D
 Acq: 17 Sep 2016 3:02

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

Tot Ion:276 Resp: 1302065
 Ion Ratio Lower Upper
 276 100
 277 24.1 18.6 27.8
 138 10.3 6.8 10.2#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

