

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082216\
 Data File : BG023835.D
 Acq On : 22 Aug 2016 16:14
 Operator : UM/SJ
 Sample : H4500-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

Quant Time: Aug 22 18:02:33 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	94846	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	406655	20.00	ng	-0.03
38) Acenaphthene-d10	14.77	164	258539	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	616392	20.00	ng	-0.01
75) Chrysene-d12	21.85	240	688108	20.00	ng	-0.02
86) Perylene-d12	25.23	264	697708	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	756034	134.18	ng	-0.02
7) Phenol-d6	7.25	99	1031683	117.55	ng	-0.02
23) Nitrobenzene-d5	9.28	82	815841	99.74	ng	-0.02
41) 2,4,6-Tribromophenol	16.27	330	502457	132.87	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1561128	101.85	ng	-0.02
78) Terphenyl-d14	20.14	244	2336001	112.41	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	84808	35.33	ng	# 89
3) Pyridine	3.91	79	275571	34.93	ng	94
4) n-Nitrosodimethylamine	3.82	42	145982	49.91	ng	# 93
6) Aniline	7.41	93	343905	27.12	ng	97
8) 2-Chlorophenol	7.65	128	290922	44.94	ng	100
9) Benzaldehyde	7.23	77	50489	7.47	ng	88
10) Phenol	7.28	94	380754	40.55	ng	86
11) bis(2-Chloroethyl)ether	7.51	93	319842	42.71	ng	91
12) 1,3-Dichlorobenzene	7.98	146	299843	40.46	ng	97
13) 1,4-Dichlorobenzene	8.13	146	317037	41.79	ng	91
14) 1,2-Dichlorobenzene	8.45	146	303110	40.73	ng	90
15) Benzyl Alcohol	8.34	79	358066	53.85	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	440029	39.95	ng	91
17) 2-Methylphenol	8.55	107	274230	43.57	ng	89
18) Hexachloroethane	9.18	117	121340	42.49	ng	92
19) n-Nitroso-di-n-propylamine	8.91	70	315925	41.85	ng	99
20) 3+4-Methylphenols	8.88	107	384826	43.37	ng	88
22) Acetophenone	8.93	105	455887	40.94	ng	# 91
24) Nitrobenzene	9.32	77	445173	49.15	ng	93
25) Isophorone	9.84	82	811516	47.63	ng	# 95
26) 2-Nitrophenol	10.03	139	177764	46.50	ng	# 85
27) 2,4-Dimethylphenol	10.09	122	301163	46.27	ng	88
28) bis(2-Chloroethoxy)methane	10.32	93	460679	44.98	ng	100
29) 2,4-Dichlorophenol	10.58	162	326484	49.88	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	325973	46.18	ng	96
31) Naphthalene	10.98	128	936221	45.21	ng	100
32) Benzoic acid	10.24	122	153796	28.66	ng	90
33) 4-Chloroaniline	11.10	127	83012	8.39	ng	# 97
34) Hexachlorobutadiene	11.25	225	227911	49.09	ng	98
35) Caprolactam	11.92	113	40639	14.76	ng	90
36) 4-Chloro-3-methylphenol	12.22	107	391462	45.52	ng	98
37) 2-Methylnaphthalene	12.81	142	662918	42.11	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	361711	38.58	ng	99
40) Hexachlorocyclopentadiene	12.93	237	315945	66.83	ng	99

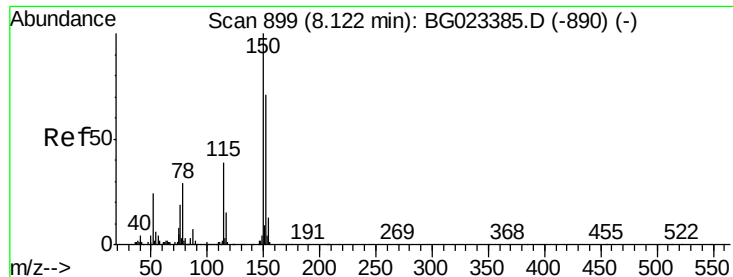
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082216\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	272825	48.85	nq	97
43) 2,4,5-Trichlorophenol	13.29	196	282519	49.14	nq	94
45) 1,1'-Biphenyl	13.59	154	848838	42.95	nq	94
46) 2-Chloronaphthalene	13.64	162	739609	48.37	nq	97
47) 2-Nitroaniline	13.85	65	313192	49.34	nq	92
48) Acenaphthylene	14.49	152	1160656	48.02	nq	99
49) Dimethylphthalate	14.22	163	1016717	51.26	nq	98
50) 2,6-Dinitrotoluene	14.34	165	227855	48.50	nq	# 83
51) Acenaphthene	14.83	154	739595	48.31	nq	97
52) 3-Nitroaniline	14.68	138	112076	21.16	nq	84
53) 2,4-Dinitrophenol	14.90	184	263782	87.60	nq	91
54) Dibenzofuran	15.17	168	1179989	53.08	nq	98
55) 4-Nitrophenol	15.00	139	311158	74.79	nq	92
56) 2,4-Dinitrotoluene	15.14	165	321841	48.82	nq	96
57) Fluorene	15.82	166	958048	49.39	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	267894	50.78	nq	93
59) Diethylphthalate	15.58	149	1024473	50.88	nq	100
60) 4-Chlorophenyl-phenylether	15.81	204	496961	48.41	nq	99
61) 4-Nitroaniline	15.85	138	225728	40.02	nq	# 70
62) Azobenzene	16.10	77	1119492	54.85	nq	93
64) 4,6-Dinitro-2-methylphenol	15.91	198	186437	44.49	nq	94
65) n-Nitrosodiphenylamine	16.02	169	878199	48.57	nq	97
66) 4-Bromophenyl-phenylether	16.71	248	347133	48.32	nq	98
67) Hexachlorobenzene	16.84	284	364972	46.44	nq	99
68) Atrazine	16.98	200	343743	49.51	nq	97
69) Pentachlorophenol	17.18	266	394484	86.09	nq	98
70) Phenanthrene	17.58	178	1564907	50.03	nq	99
71) Anthracene	17.67	178	1578809	50.19	nq	99
72) Carbazole	17.94	167	1464777	53.03	nq	99
73) Di-n-butylphthalate	18.48	149	1723318	64.92	nq	97
74) Fluoranthene	19.59	202	1864994	67.75	nq	95
76) Benzidine	19.77	184	519581	27.16	nq	98
77) Pyrene	19.95	202	1866547	48.61	nq	98
79) Butylbenzylphthalate	20.82	149	862217	52.04	nq	96
80) Benzo(a)anthracene	21.83	228	1881436	49.53	nq	96
81) 3,3'-Dichlorobenzidine	21.73	252	495996	31.84	nq	# 99
82) Chrysene	21.90	228	1730942	47.90	nq	100
83) Bis(2-ethylhexyl)phthalate	21.70	149	1171586	51.64	nq	98
84) Di-n-octyl phthalate	22.96	149	1970751	50.89	nq	99
85) Indeno(1,2,3-cd)pyrene	29.12	276	2176006	48.19	nq	# 100
87) Benzo(b)fluoranthene	24.15	252	1899763	48.39	nq	# 97
88) Benzo(k)fluoranthene	24.22	252	1875816	49.75	nq	# 98
89) Benzo(a)pyrene	25.07	252	1858422	49.78	nq	# 97
90) Dibenzo(a,h)anthracene	29.18	278	1857238	48.70	nq	# 95
91) Benzo(g,h,i)perylene	30.34	276	1821737	47.43	nq	# 91

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

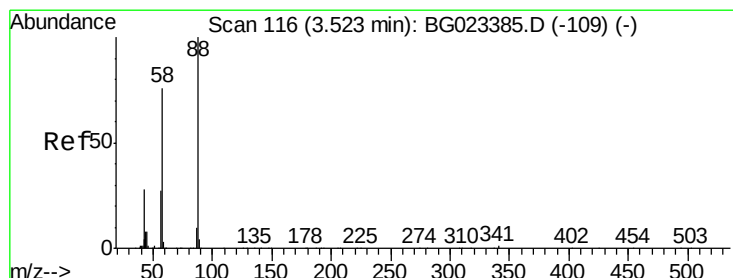
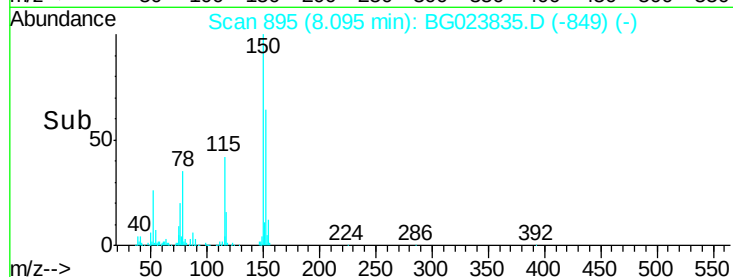
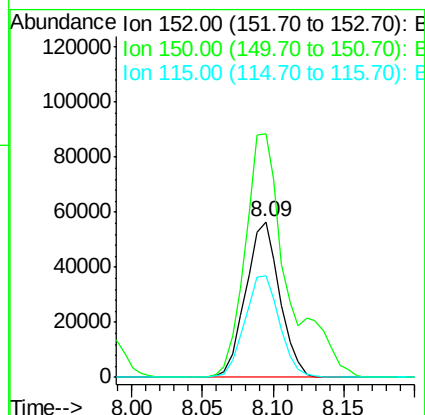
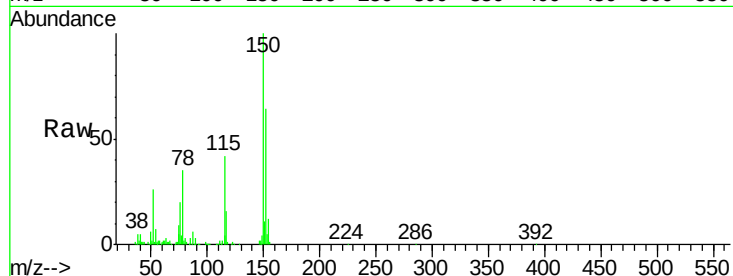


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 895
Delta R.T. -0.03 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

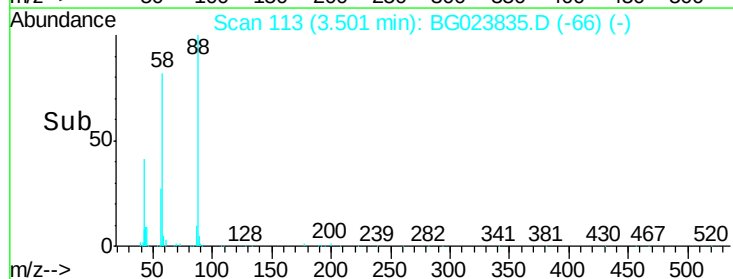
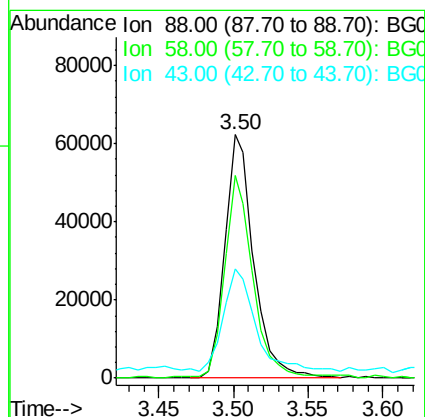
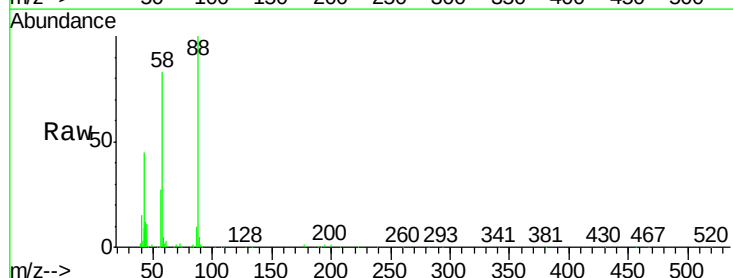
Tot Ion:152 Resp: 94846
Ion Ratio Lower Upper
152 100
150 156.6 144.7 217.1
115 65.1 64.0 96.0

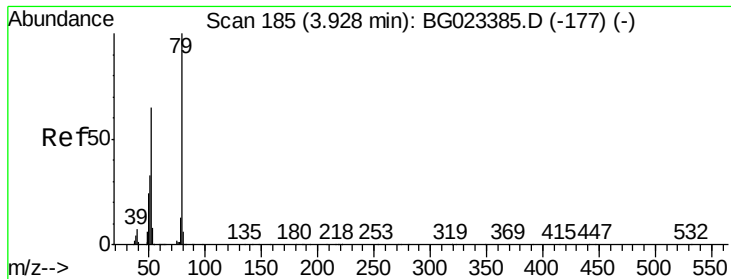


#2

1,4-Dioxane
Concen: 35.33 ng
RT: 3.50 min Scan# 113
Delta R.T. -0.02 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

Tgt Ion: 88 Resp: 84808
Ion Ratio Lower Upper
88 100
58 83.2 60.4 90.6
43 47.8 31.1 46.7#





#3

Pvridine

Concen: 34.93 ng

RT: 3.91 min Scan# 183

Delta R.T. -0.02 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

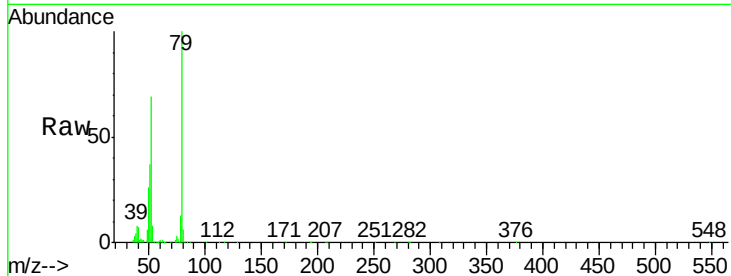
Tot Ion: 79 Resp: 275571

Ion Ratio Lower Upper

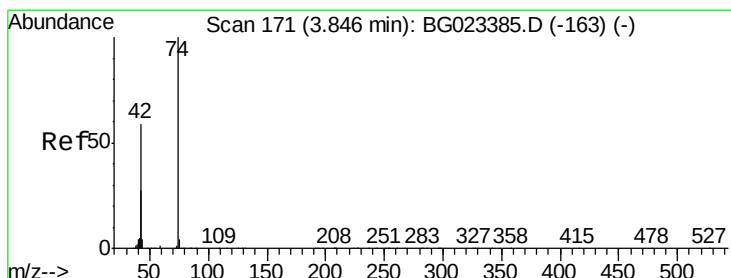
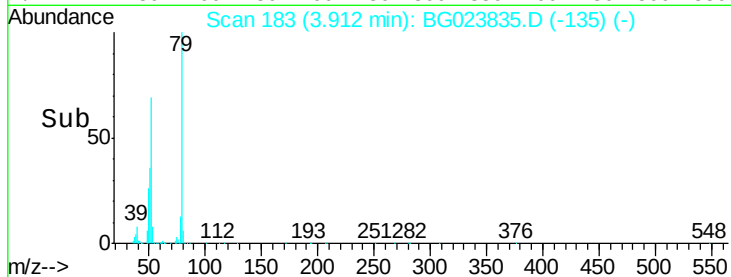
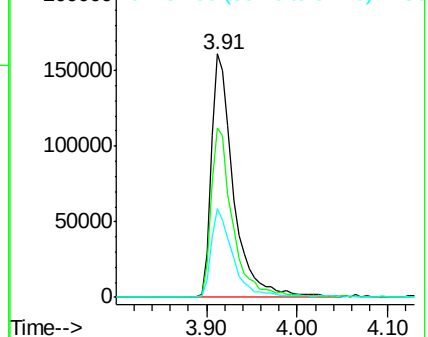
79 100

52 69.3 51.8 77.8

51 36.6 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: 49.91 ng

RT: 3.82 min Scan# 167

Delta R.T. -0.03 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

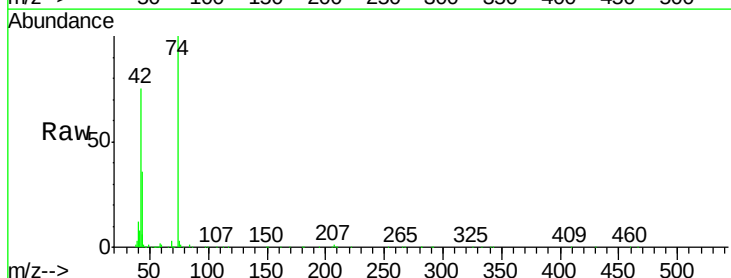
Tgt Ion: 42 Resp: 145982

Ion Ratio Lower Upper

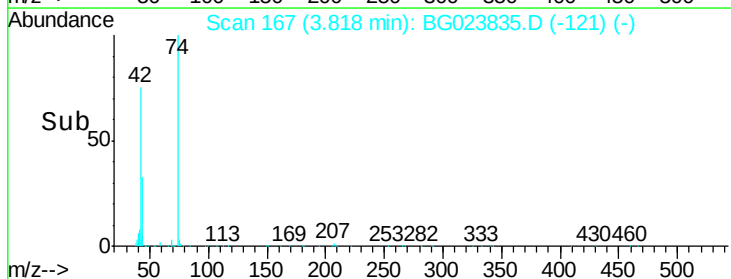
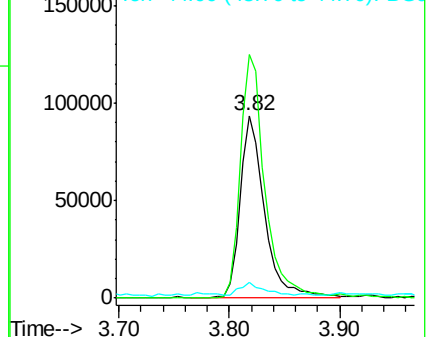
42 100

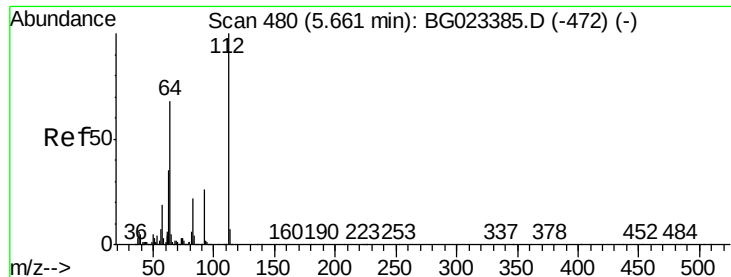
74 133.6 100.6 150.8

44 8.6 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: 134.18 ng

RT: 5.64 min Scan# 477

Delta R.T. -0.02 min

Lab File: BG023385.D

Acq: 22 Aug 2016 16:14

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

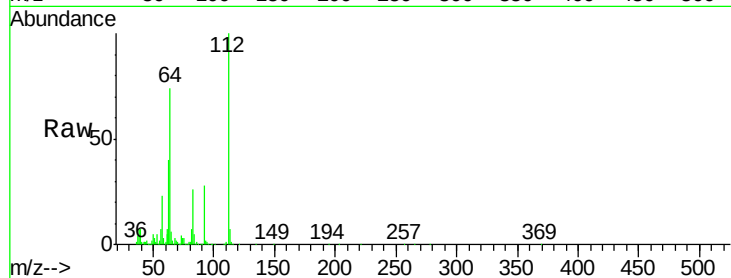
Tot Ion:112 Resp: 756034

Ion Ratio Lower Upper

112 100

64 74.1 59.0 88.4

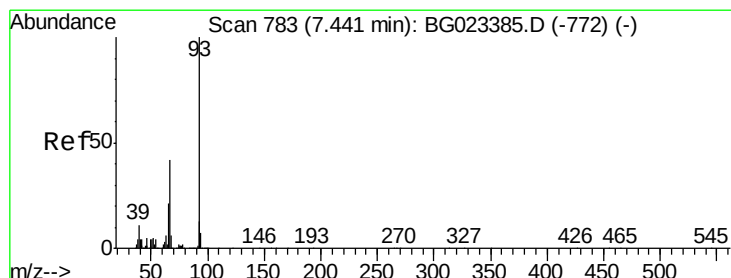
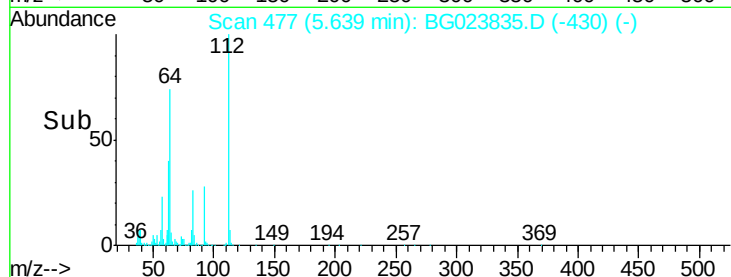
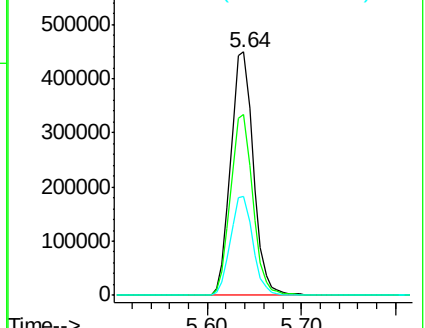
63 40.5 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.12 ng

RT: 7.41 min Scan# 779

Delta R.T. -0.03 min

Lab File: BG023385.D

Acq: 22 Aug 2016 16:14

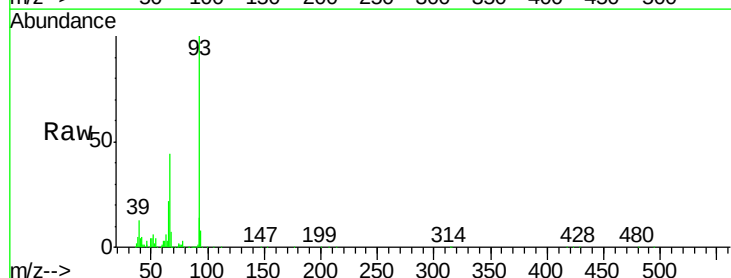
Tgt Ion: 93 Resp: 343905

Ion Ratio Lower Upper

93 100

66 44.3 37.5 56.3

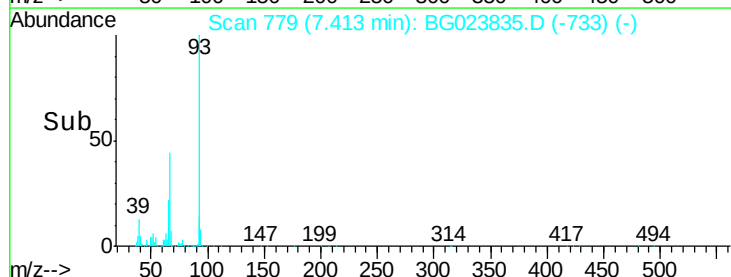
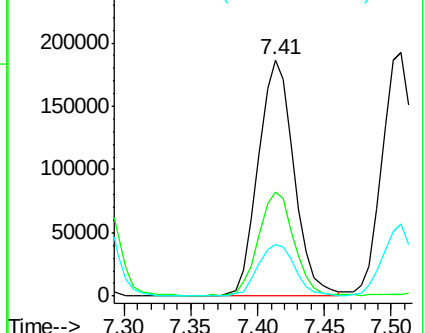
65 22.0 17.9 26.9

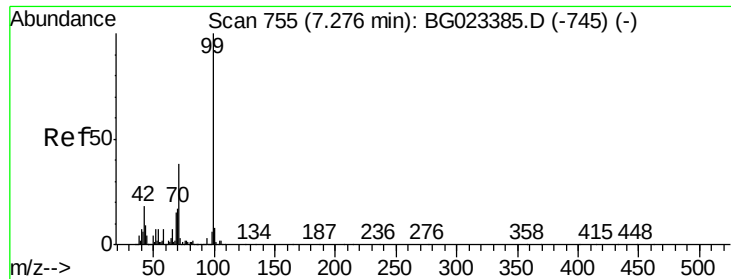


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.55 ng

RT: 7.25 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

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ClientSampleId :

HSR-WC-65-081616MS

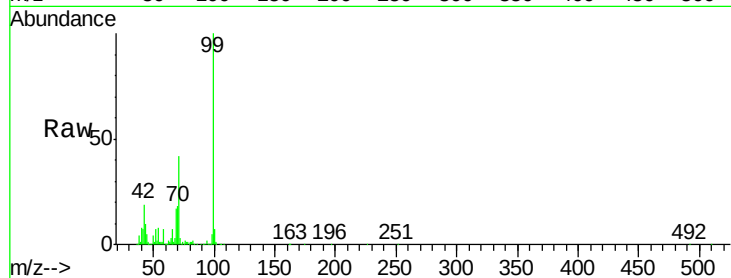
Tot Ion: 99 Resp: 1031683

Ion Ratio Lower Upper

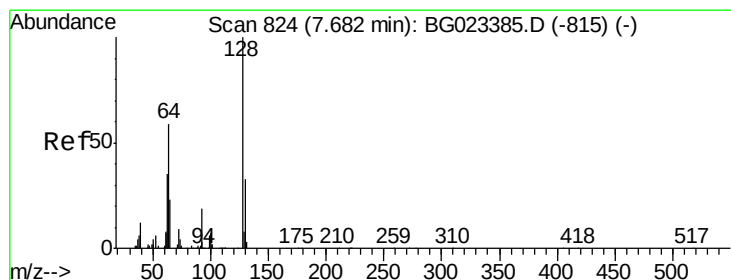
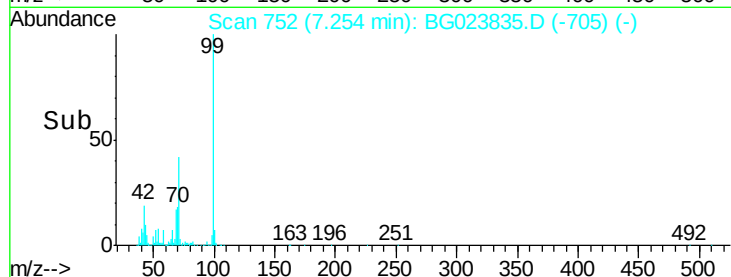
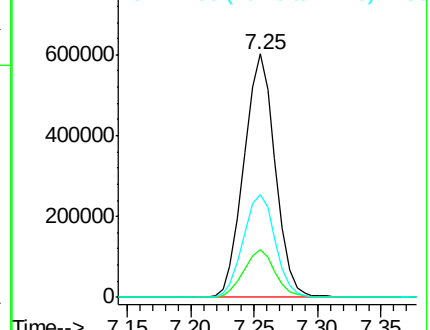
99 100

42 19.5 17.8 26.6

71 42.4 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: 44.94 ng

RT: 7.65 min Scan# 820

Delta R.T. -0.03 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

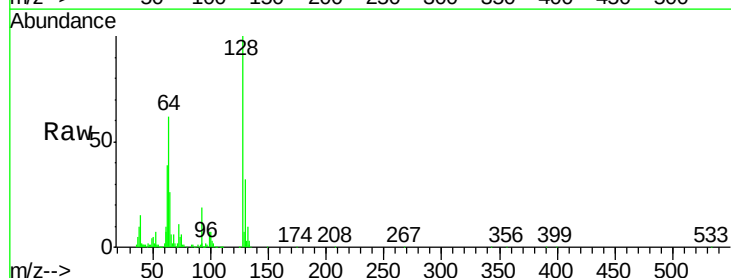
Tgt Ion: 128 Resp: 290922

Ion Ratio Lower Upper

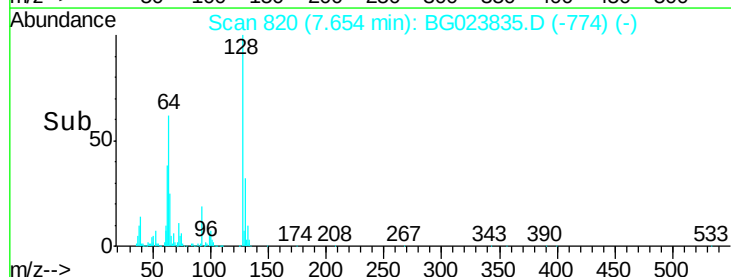
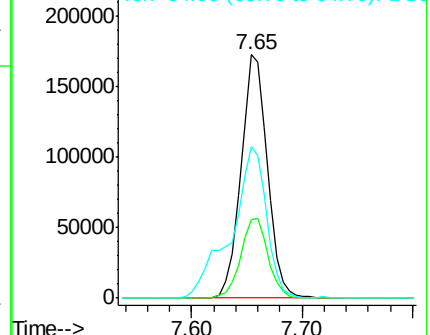
128 100

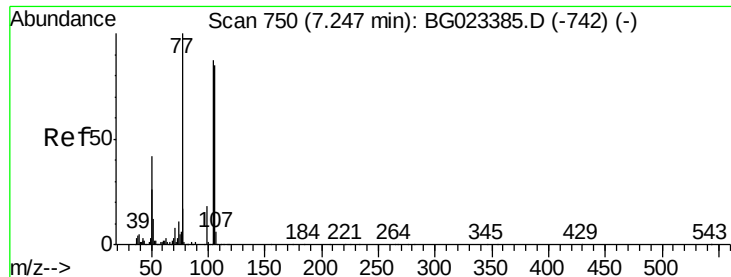
130 32.3 12.9 52.9

64 62.1 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

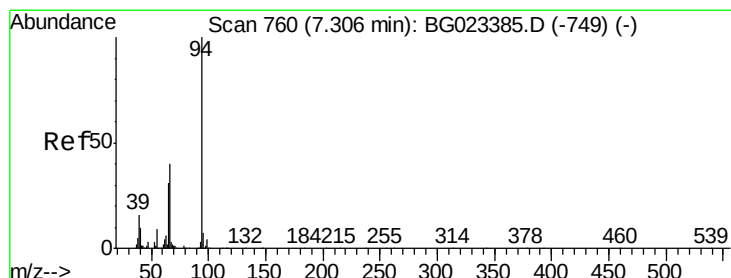
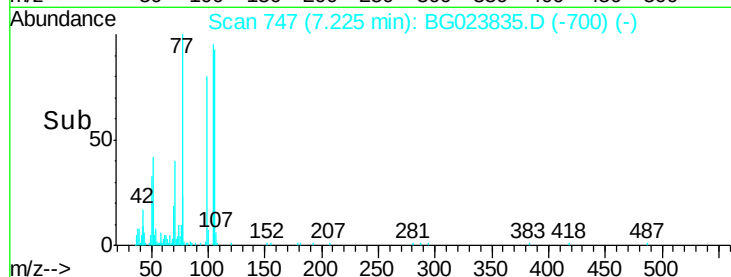
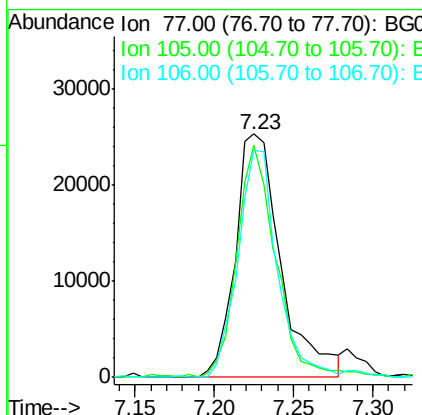
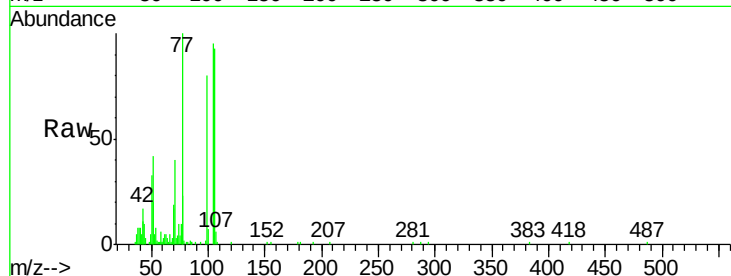




#9
Benzaldehyde
Concen: 7.47 ng
RT: 7.23 min Scan# 747
Delta R.T. -0.02 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

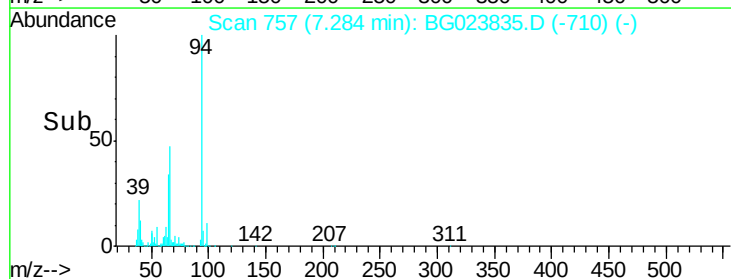
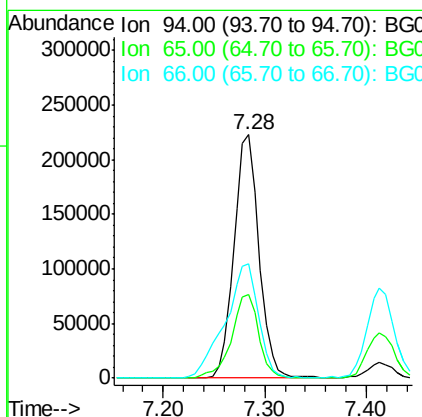
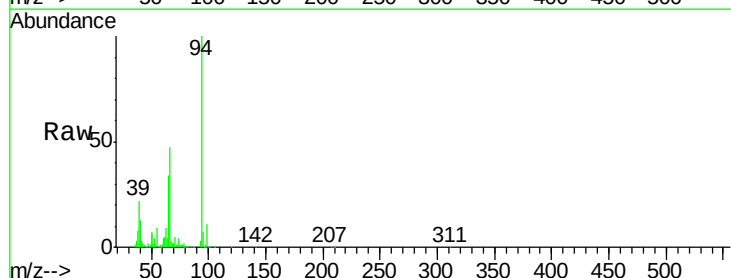
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

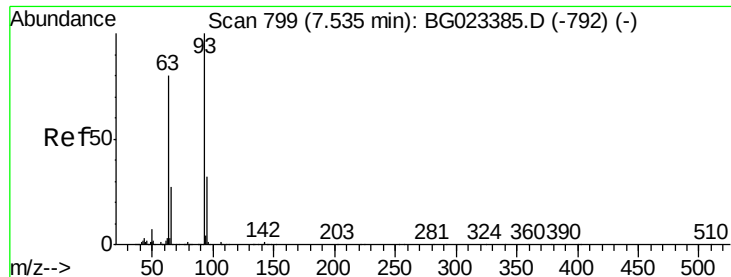
Tot Ion: 77 Resp: 50489
Ion Ratio Lower Upper
77 100
105 95.1 58.7 98.7
106 93.4 67.5 107.5



#10
Phenol
Concen: 40.55 ng
RT: 7.28 min Scan# 757
Delta R.T. -0.02 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

Tgt Ion: 94 Resp: 380754
Ion Ratio Lower Upper
94 100
65 34.4 18.1 58.1
66 47.2 42.1 82.1





#11

bis(2-Chloroethyl)ether

Concen: 42.71 ng

RT: 7.51 min Scan# 795

Delta R.T. -0.03 min

Lab File: BG023385.D

Acq: 22 Aug 2016 16:14

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

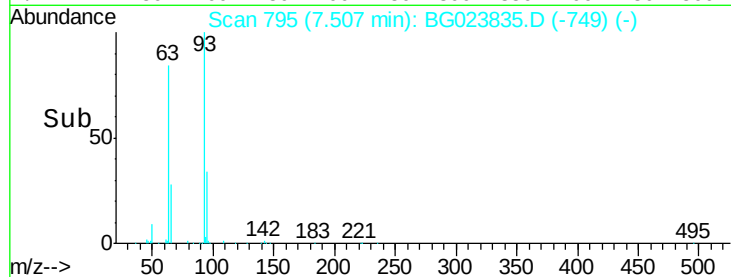
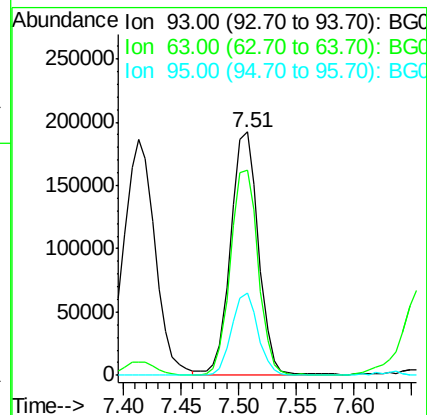
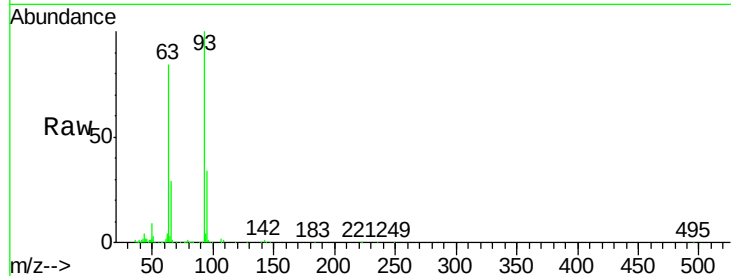
Tot Ion: 93 Resp: 319842

Ion Ratio Lower Upper

93 100

63 84.5 55.0 95.0

95 34.0 11.0 51.0



#12

1,3-Dichlorobenzene

Concen: 40.46 ng

RT: 7.98 min Scan# 875

Delta R.T. -0.03 min

Lab File: BG023385.D

Acq: 22 Aug 2016 16:14

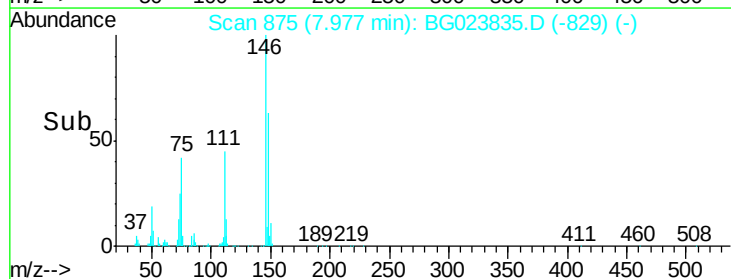
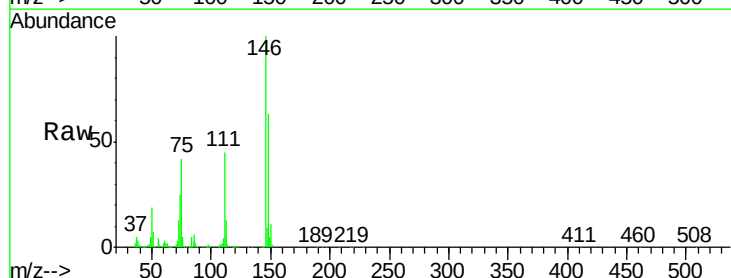
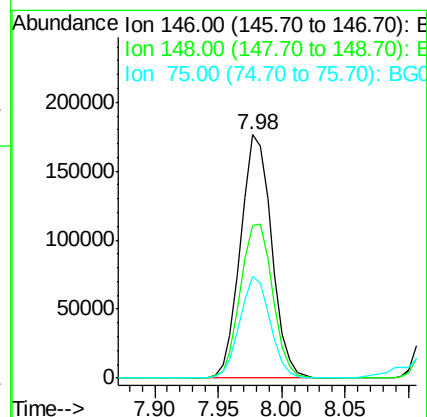
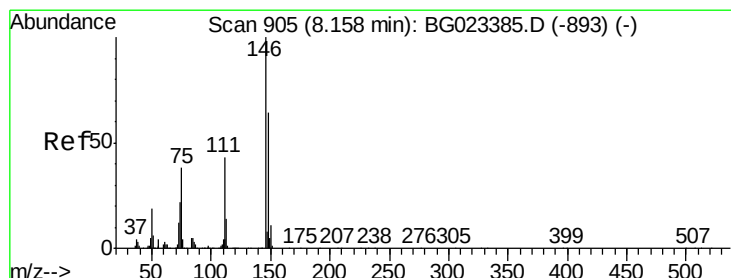
Tgt Ion: 146 Resp: 299843

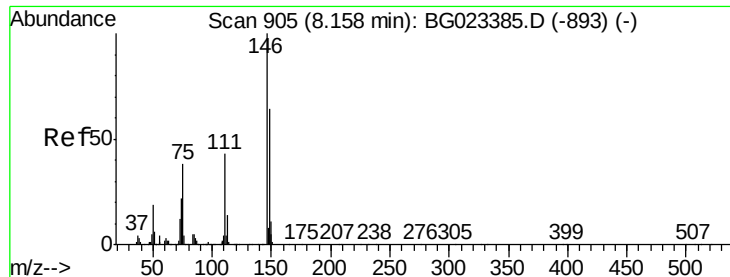
Ion Ratio Lower Upper

146 100

148 62.9 50.3 75.5

75 41.6 37.0 55.6

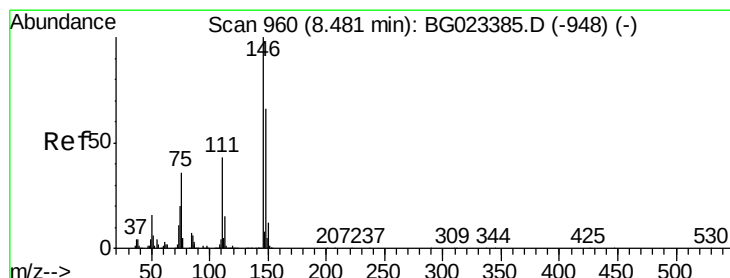
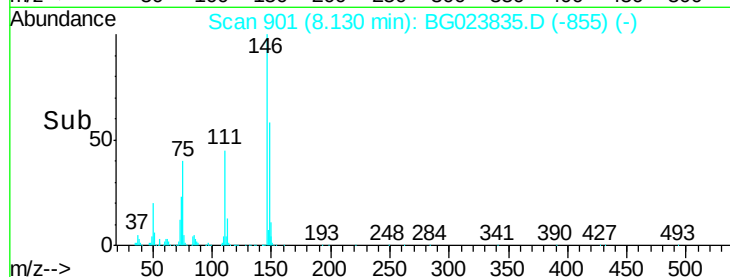
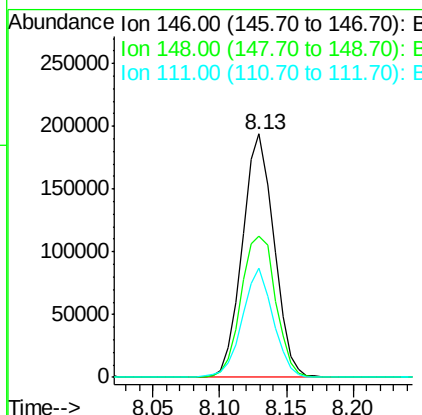
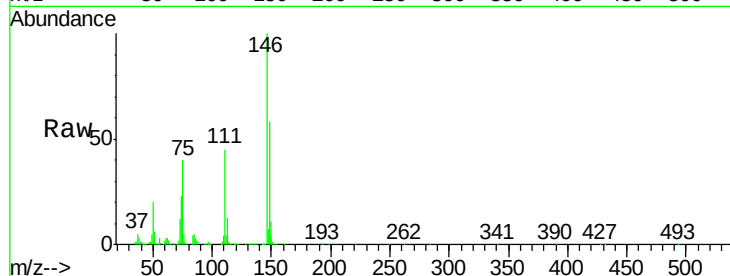




#13
 1,4-Dichlorobenzene
 Concen: 41.79 ng
 RT: 8.13 min Scan# 901
 Delta R.T. -0.03 min
 Lab File: BG023835.D
 Acq: 22 Aug 2016 16:14

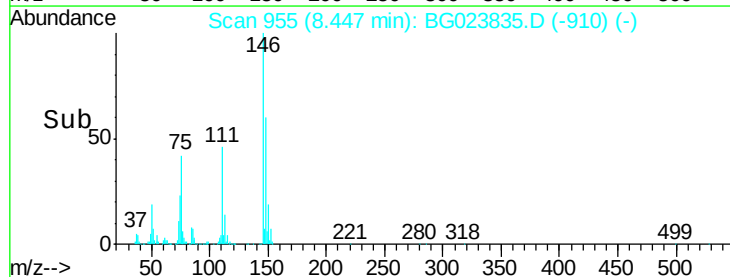
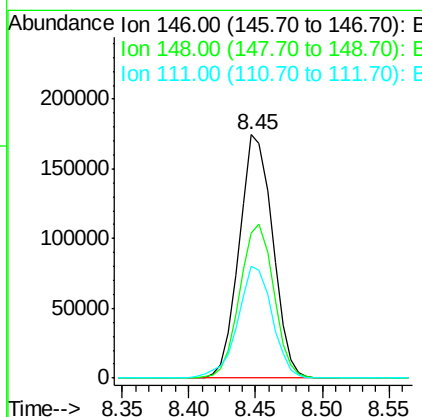
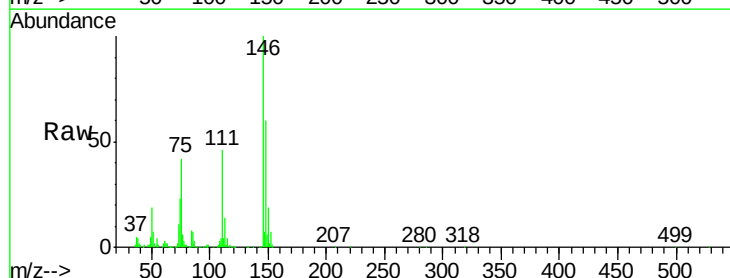
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

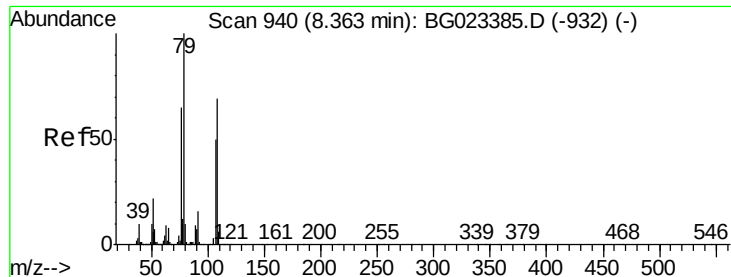
Tot Ion	Ratio	Lower	Upper
146	100		
148	58.1	54.5	81.7
111	44.7	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 40.73 ng
 RT: 8.45 min Scan# 955
 Delta R.T. -0.03 min
 Lab File: BG023835.D
 Acq: 22 Aug 2016 16:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.7	52.9	79.3
111	45.7	43.5	65.3





#15

Benzyl Alcohol

Concen: 53.85 ng

RT: 8.34 min Scan# 936

Delta R.T. -0.03 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

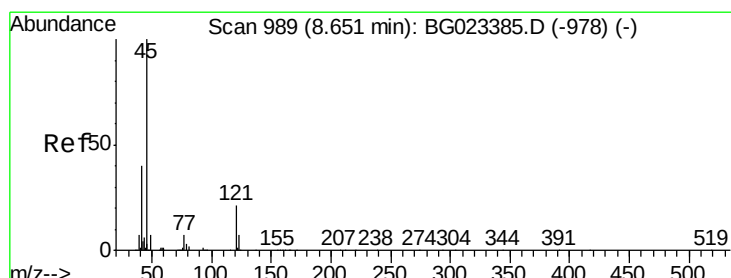
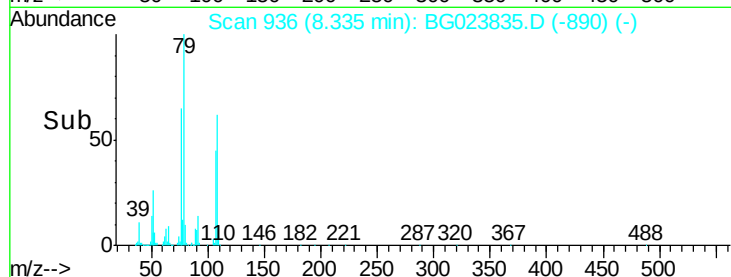
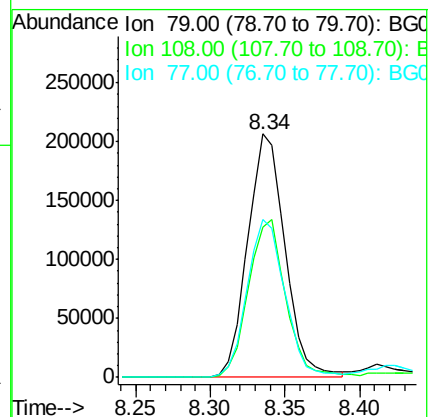
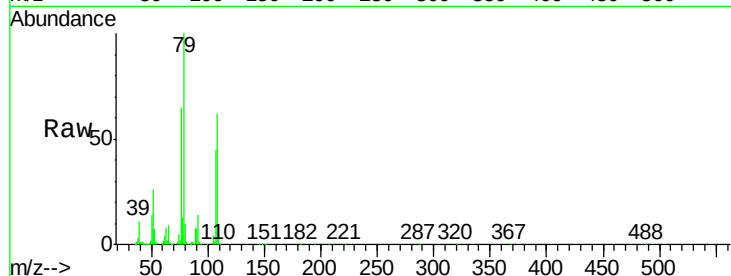
Tot Ion: 79 Resp: 358066

Ion Ratio Lower Upper

79 100

108 61.5 46.5 69.7

77 64.7 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.95 ng

RT: 8.62 min Scan# 985

Delta R.T. -0.03 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

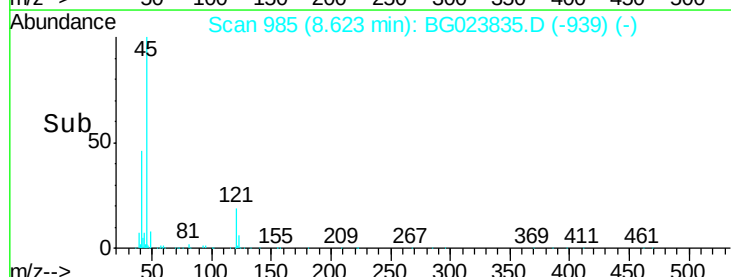
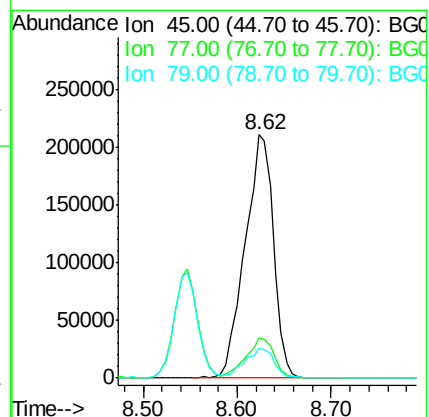
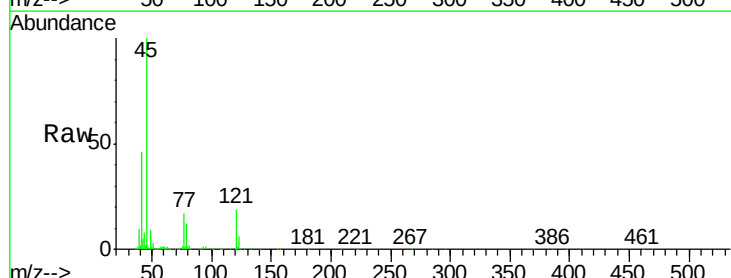
Tgt Ion: 45 Resp: 440029

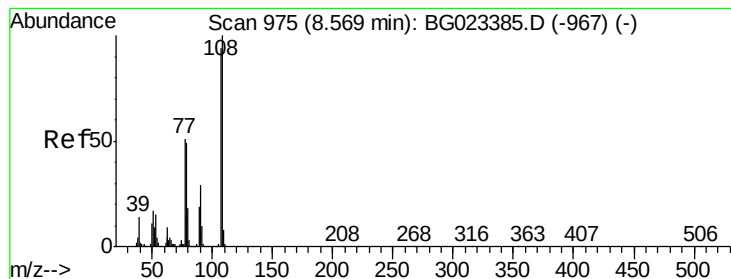
Ion Ratio Lower Upper

45 100

77 16.6 0.6 40.6

79 12.3 0.0 36.2

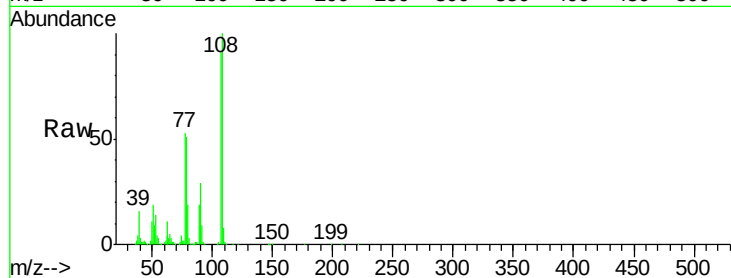




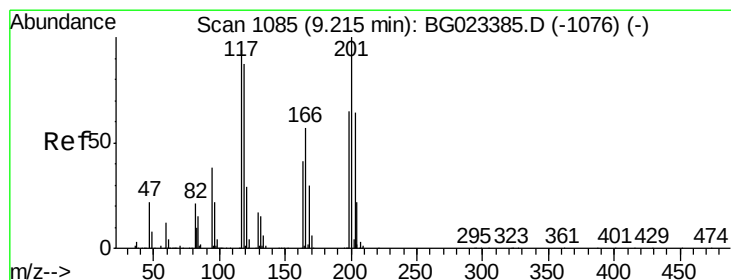
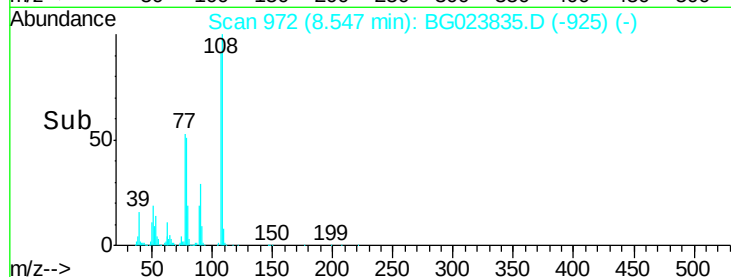
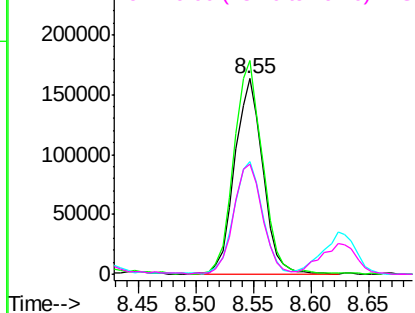
#17
2-Methylphenol
Concen: 43.57 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG023385.D
Acq: 22 Aug 2016 16:14

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

Tot Ion:	107	Resp:	274230
Ion	Ratio	Lower	Upper
107	100		
108	109.4	92.0	138.0
77	57.7	55.8	83.6
79	56.3	55.0	82.6

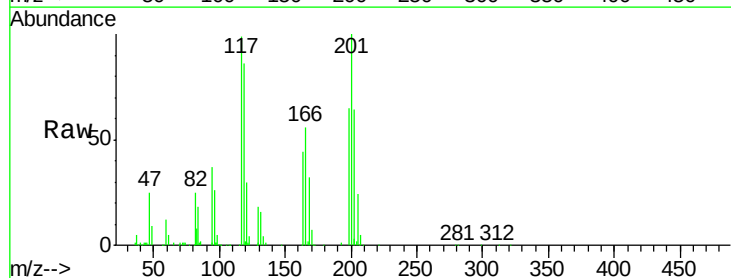


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

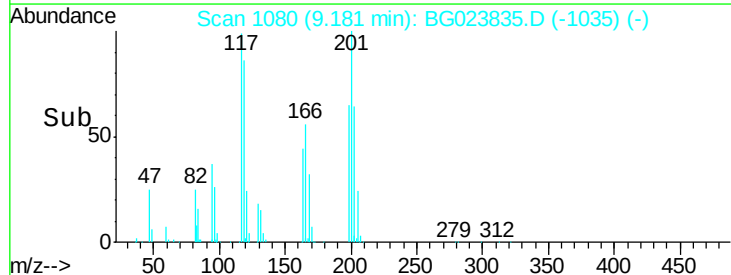
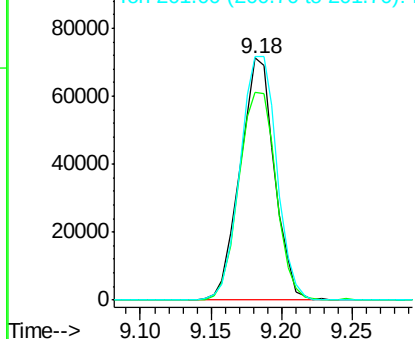


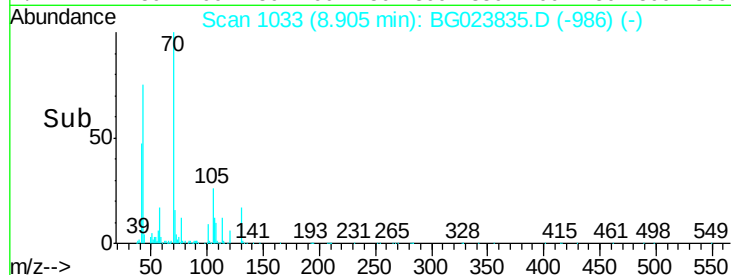
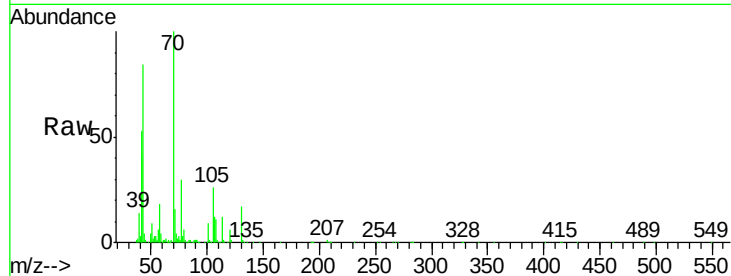
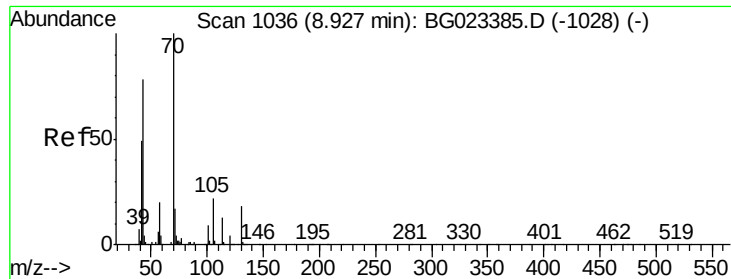
#18
Hexachloroethane
Concen: 42.49 ng
RT: 9.18 min Scan# 1080
Delta R.T. -0.03 min
Lab File: BG023385.D
Acq: 22 Aug 2016 16:14

Tgt Ion:	117	Resp:	121340
Ion	Ratio	Lower	Upper
117	100		
119	86.1	73.7	110.5
201	100.7	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

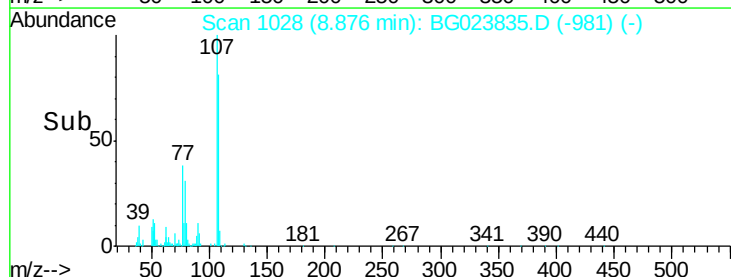
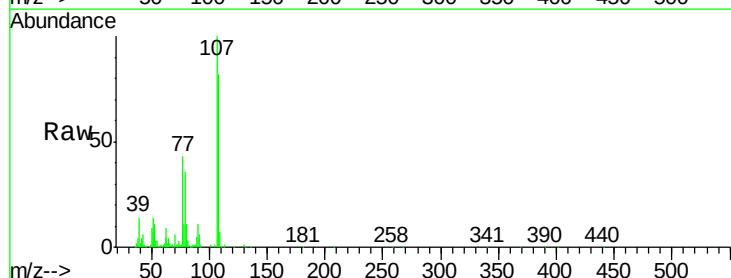
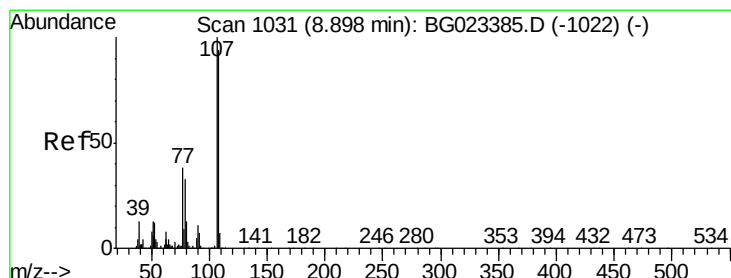
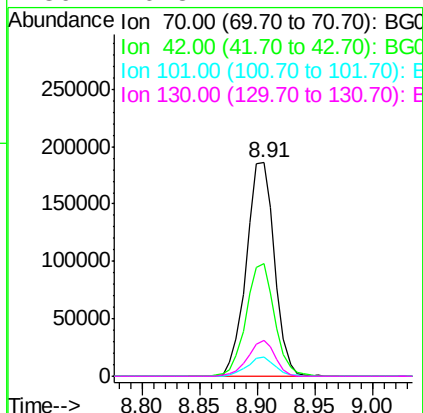




#19
n-Nitroso-di-n-propylamine
Concen: 41.85 ng
RT: 8.91 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG023385.D
Acq: 22 Aug 2016 16:14

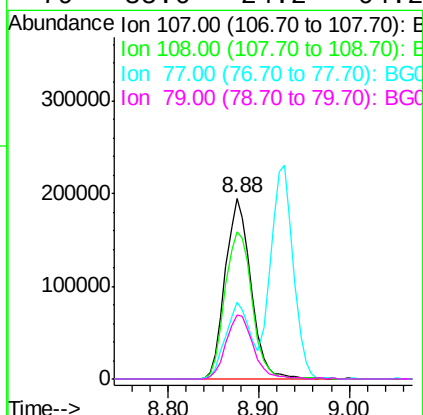
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

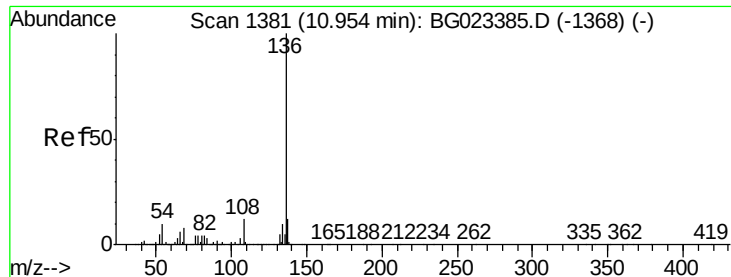
Tot Ion:	70	Resp:	315925
Ion	Ratio	Lower	Upper
70	100		
42	52.5	42.1	63.1
101	9.1	7.2	10.8
130	16.8	14.2	21.2



#20
3+4-Methylphenols
Concen: 43.37 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BG023385.D
Acq: 22 Aug 2016 16:14

Tgt Ion:	107	Resp:	384826
Ion	Ratio	Lower	Upper
107	100		
108	81.5	72.5	112.5
77	42.8	30.1	70.1
79	35.6	24.2	64.2

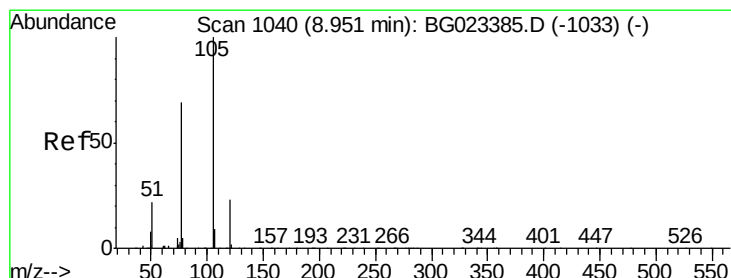
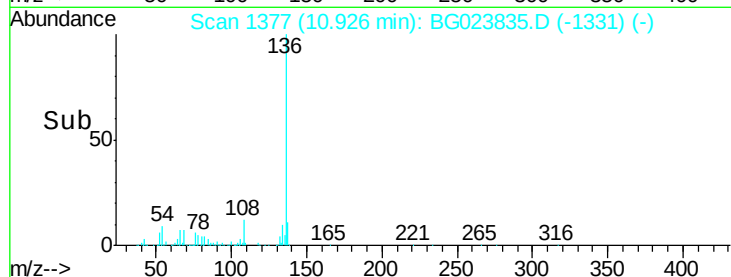
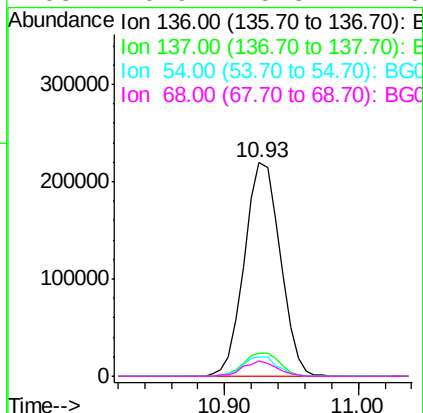
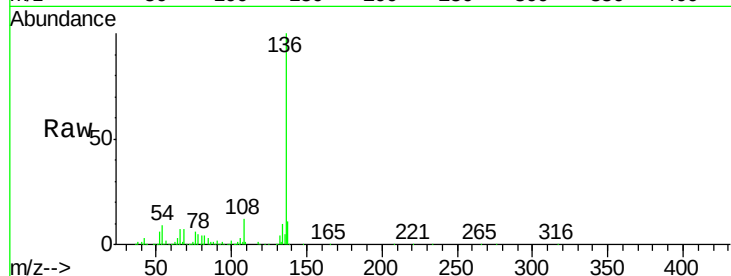




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

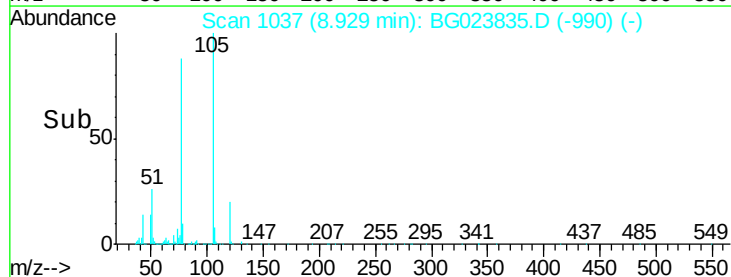
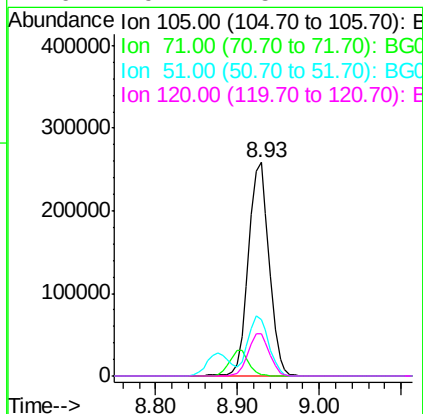
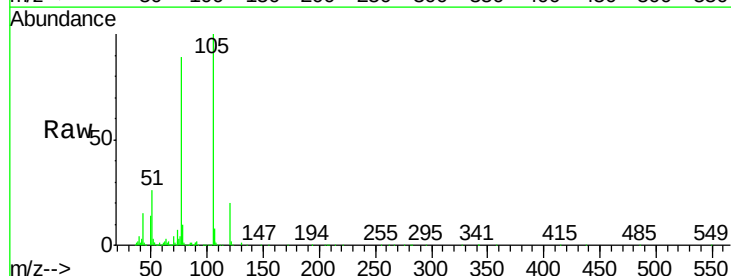
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

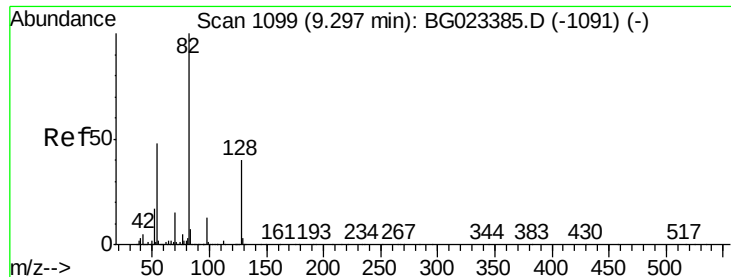
Tot Ion:136	Resp:	406655
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.6 14.4
54	9.1	7.3 10.9
68	6.9	5.3 7.9



#22
Acetophenone
Concen: 40.94 ng
RT: 8.93 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

Tgt Ion:105	Resp:	455887
Ion Ratio	Lower	Upper
105	100	
71	0.6	2.6 3.8#
51	26.5	27.1 40.7#
120	19.7	15.1 22.7

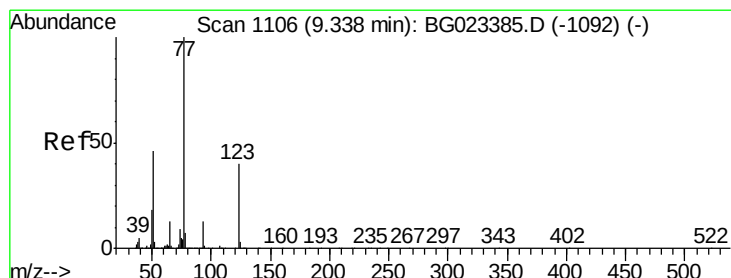
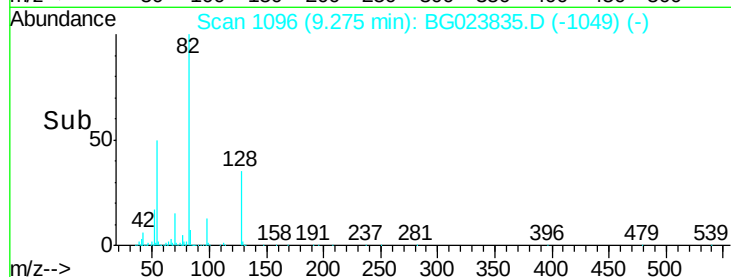
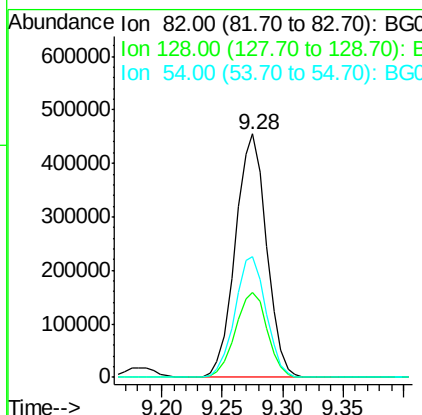
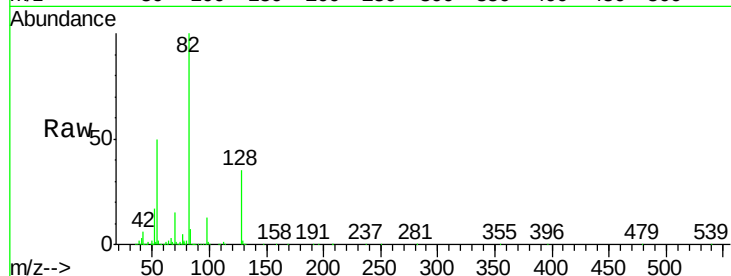




#23
 Nitrobenzene-d5
 Concen: 99.74 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG023835.D
 Acq: 22 Aug 2016 16:14

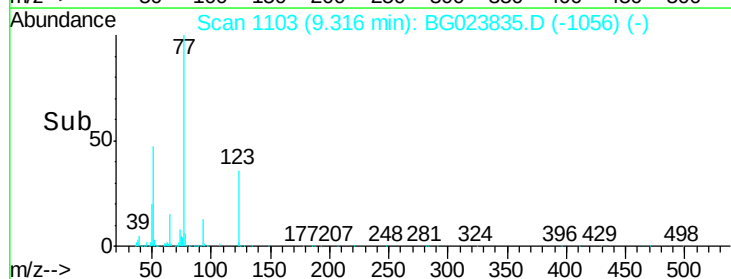
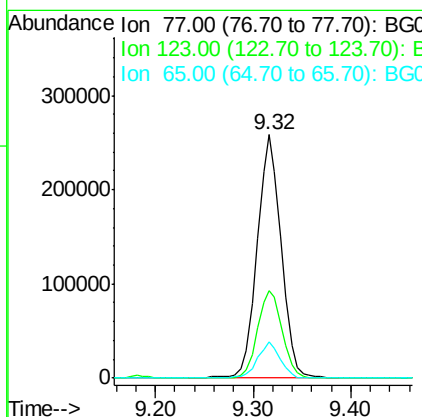
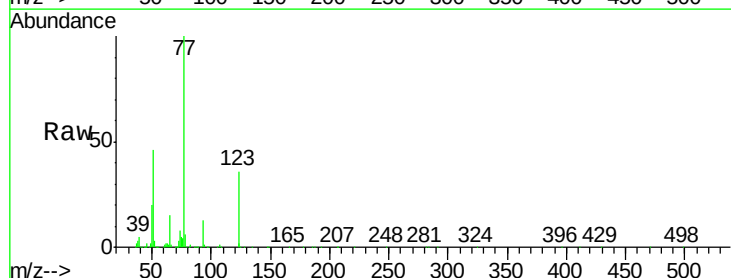
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

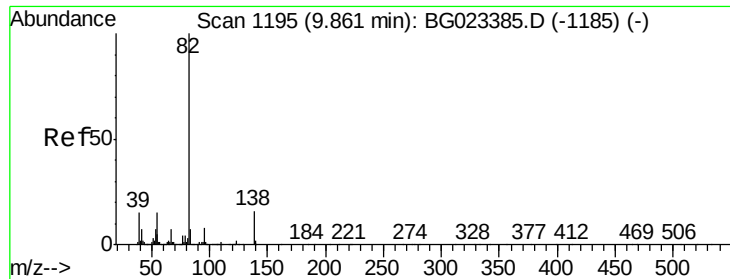
Tot Ion	82	Resp	815841
Ion Ratio	Lower	Upper	
82	100		
128	34.8	24.4	36.6
54	49.7	41.4	62.0



#24
 Nitrobenzene
 Concen: 49.15 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BG023835.D
 Acq: 22 Aug 2016 16:14

Tgt Ion	77	Resp	445173
Ion Ratio	Lower	Upper	
77	100		
123	36.1	25.0	37.6
65	14.6	13.4	20.0





#25

Isophorone

Concen: 47.63 ng

RT: 9.84 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

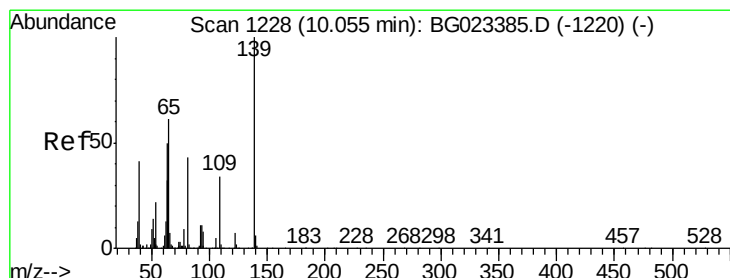
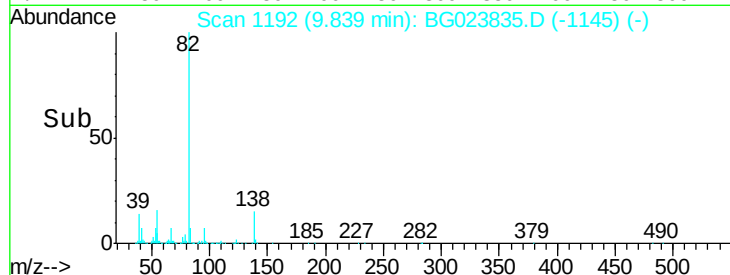
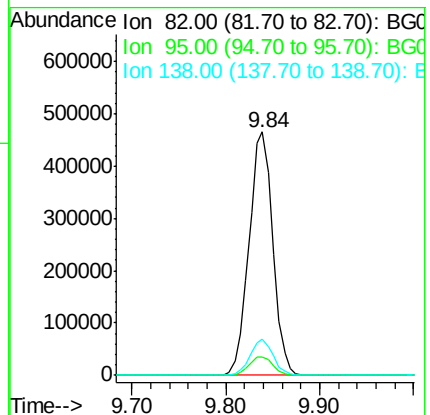
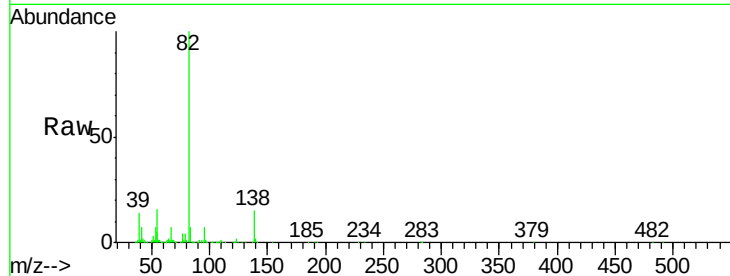
Tot Ion: 82 Resp: 811516

Ion Ratio Lower Upper

82 100

95 7.5 8.2 12.2#

138 15.0 10.7 16.1



#26

2-Nitrophenol

Concen: 46.50 ng

RT: 10.03 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

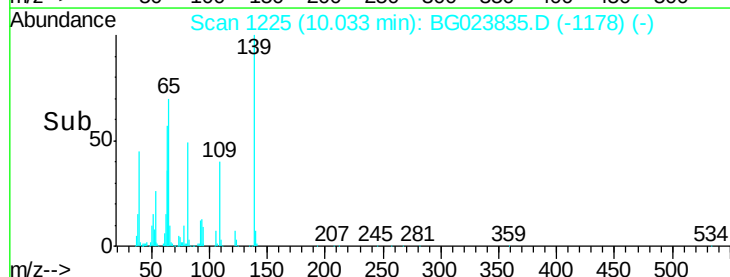
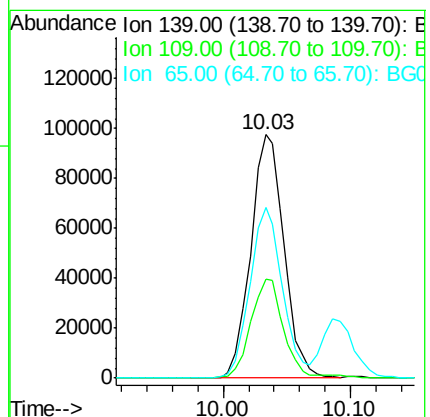
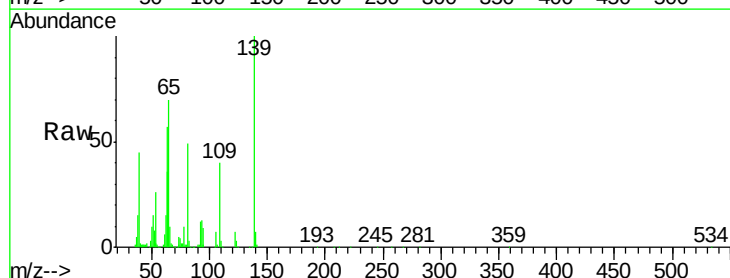
Tgt Ion: 139 Resp: 177764

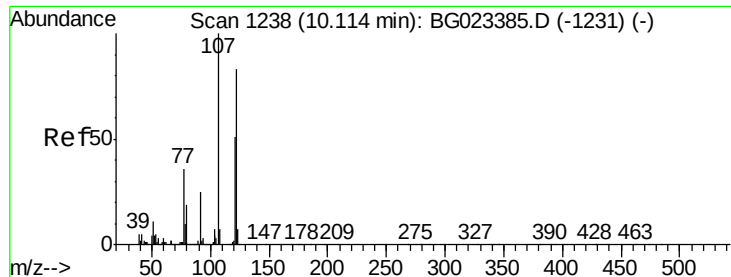
Ion Ratio Lower Upper

139 100

109 40.5 43.5 65.3#

65 69.9 64.3 96.5





#27

2,4-Dimethylphenol

Concen: 46.27 ng

RT: 10.09 min Scan# 1235

Delta R.T. -0.02 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

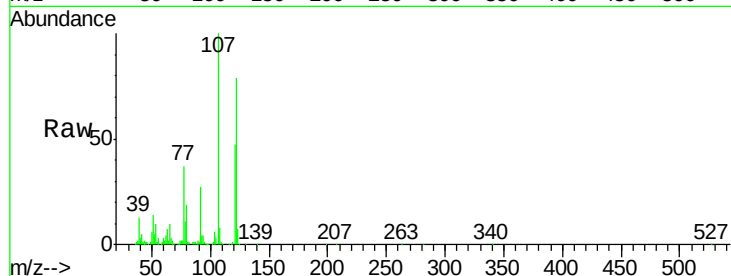
Tot Ion:122 Resp: 301163

Ion Ratio Lower Upper

122 100

107 126.3 117.0 175.4

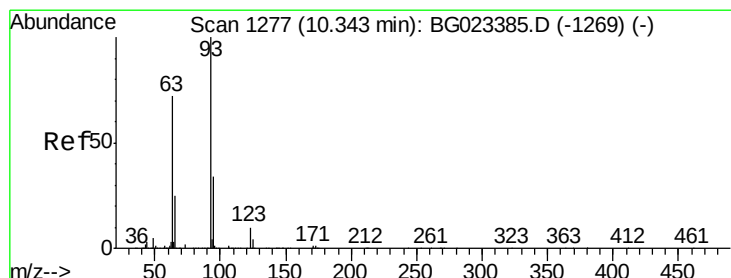
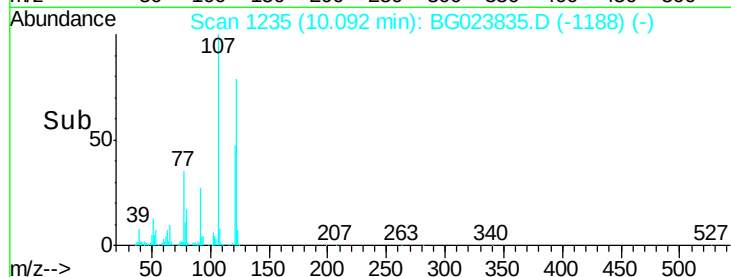
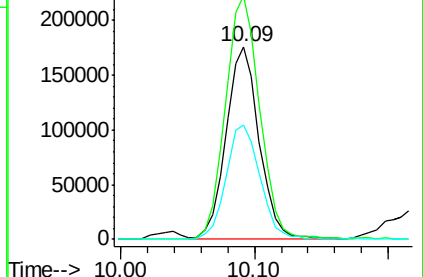
121 59.4 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.98 ng

RT: 10.32 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

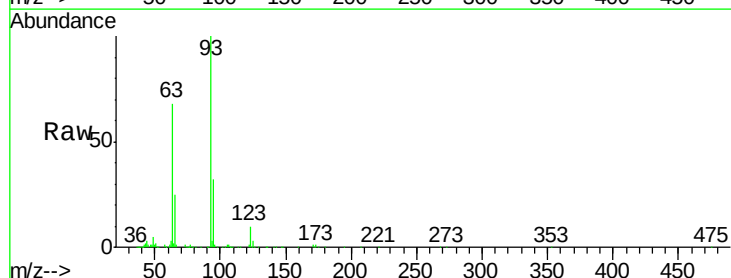
Tgt Ion: 93 Resp: 460679

Ion Ratio Lower Upper

93 100

95 31.6 25.4 38.2

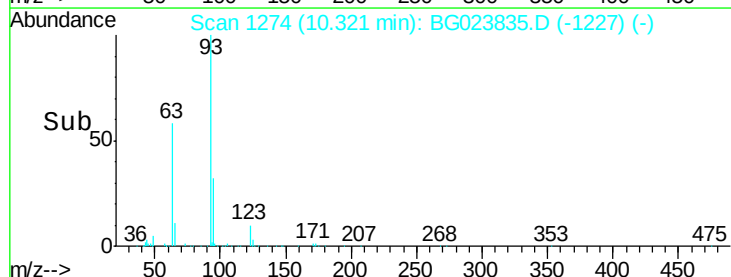
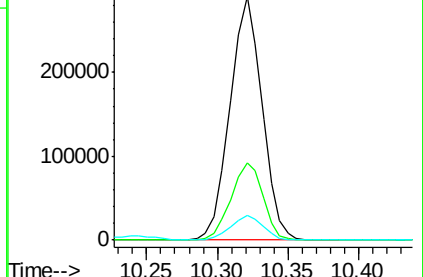
123 9.9 8.2 12.2

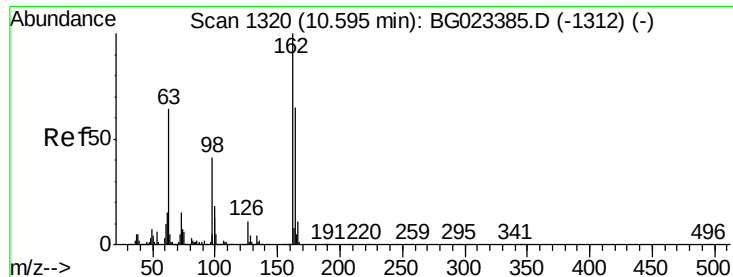


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

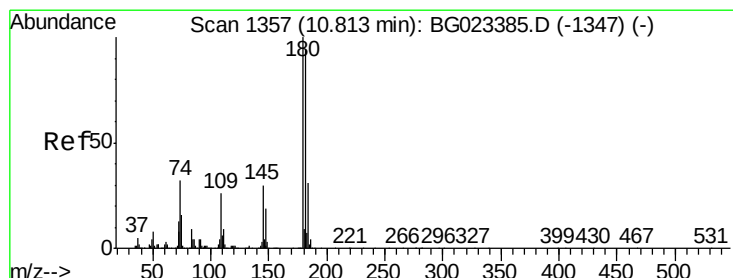
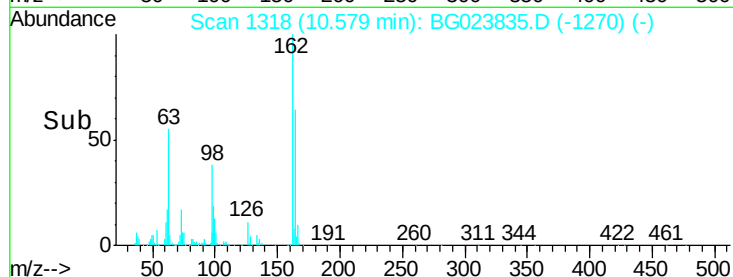
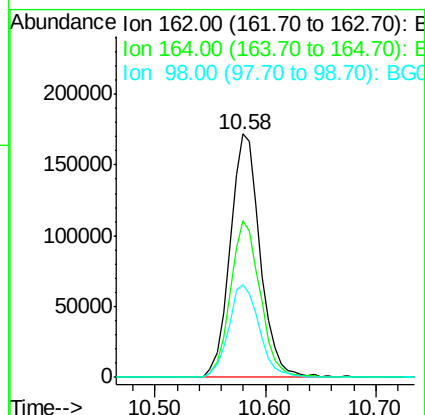
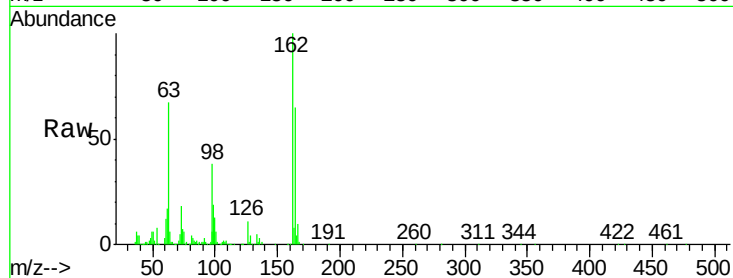




#29
 2,4-Dichlorophenol
 Concen: 49.88 ng
 RT: 10.58 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BG023835.D
 Acq: 22 Aug 2016 16:14

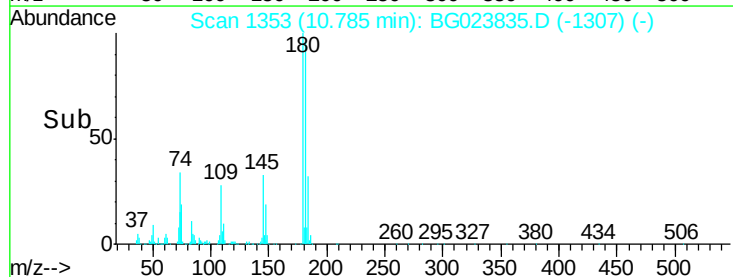
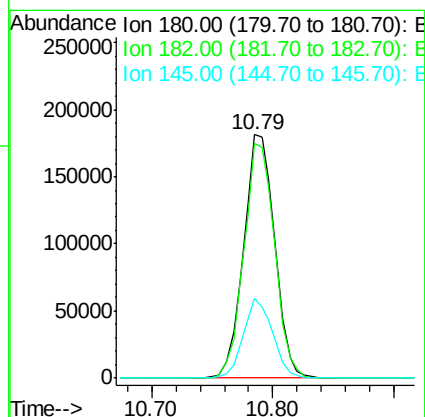
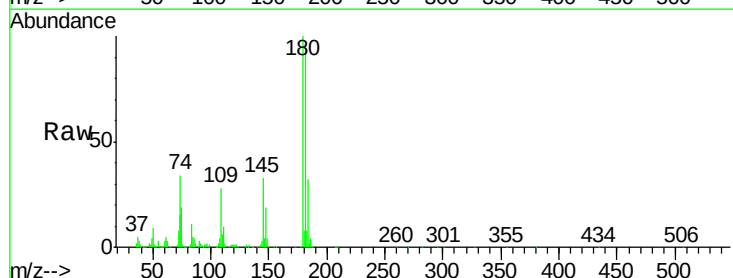
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

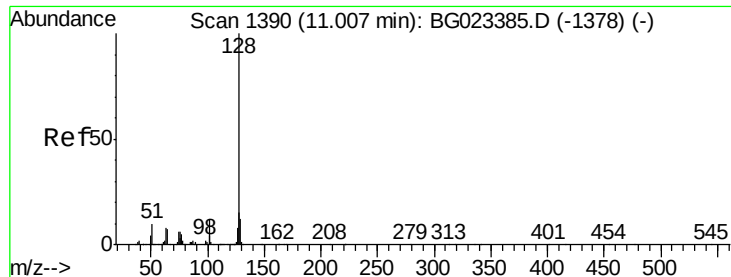
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.3	84.3
98	38.2	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 46.18 ng
 RT: 10.79 min Scan# 1353
 Delta R.T. -0.03 min
 Lab File: BG023835.D
 Acq: 22 Aug 2016 16:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	73.8	110.8
145	32.9	24.4	36.6

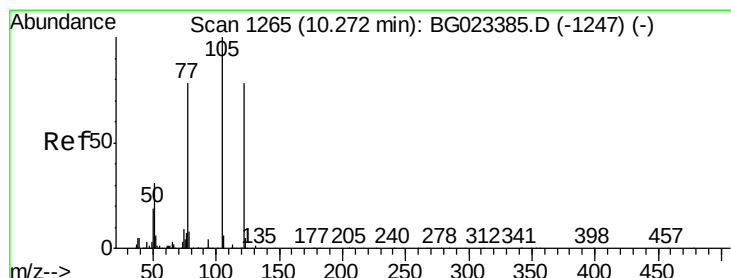
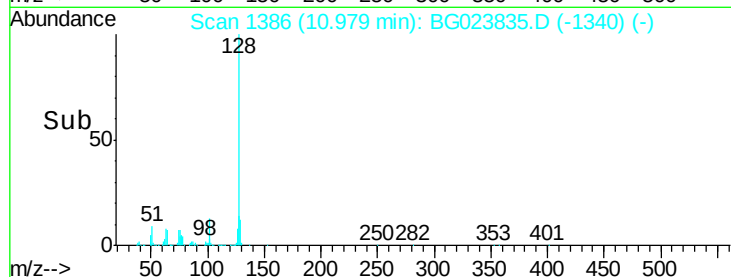
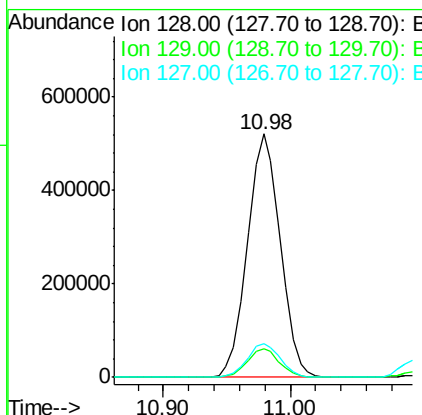
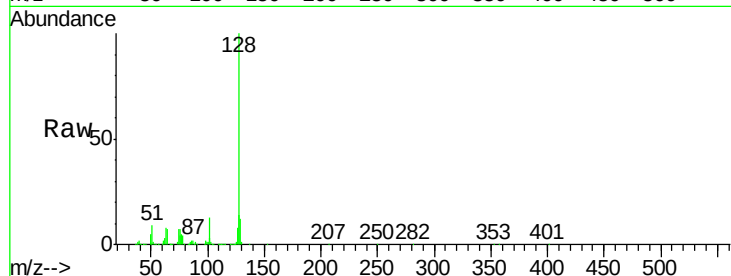




#31
Naphthalene
Concen: 45.21 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.03 min
Lab File: BG023385.D
Acq: 22 Aug 2016 16:14

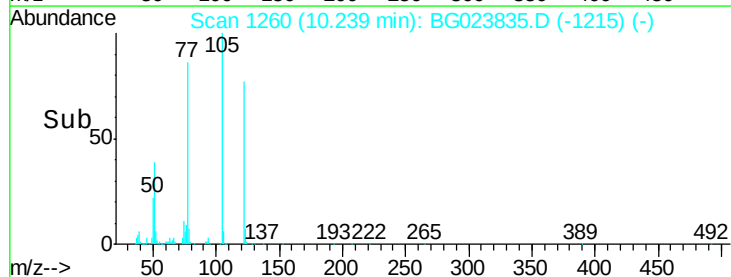
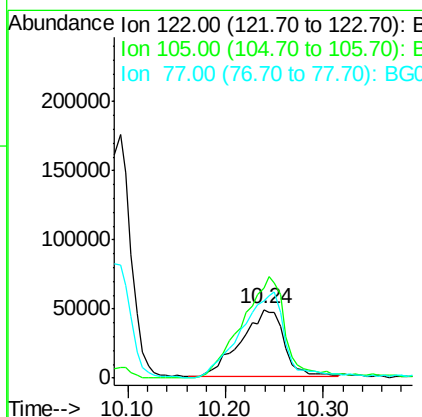
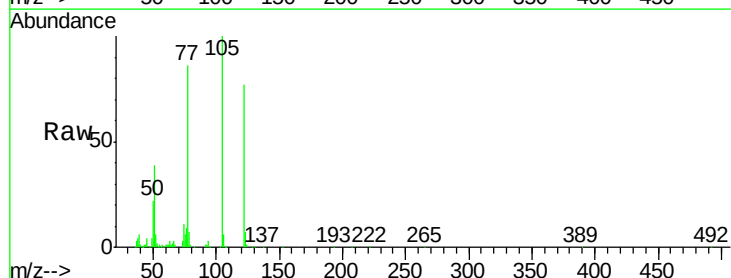
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

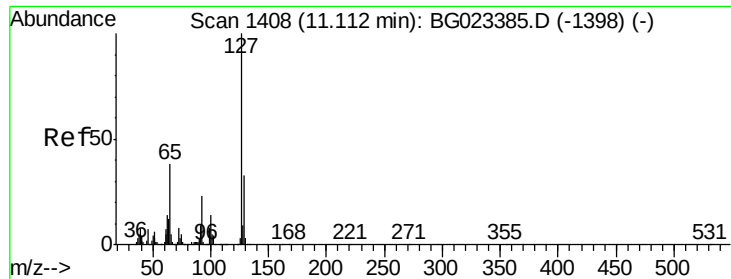
Tot Ion:128 Resp: 936221
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.8 11.3 16.9



#32
Benzoic acid
Concen: 28.66 ng
RT: 10.24 min Scan# 1260
Delta R.T. -0.03 min
Lab File: BG023385.D
Acq: 22 Aug 2016 16:14

Tgt Ion:122 Resp: 153796
Ion Ratio Lower Upper
122 100
105 130.2 117.2 157.2
77 111.6 109.2 149.2

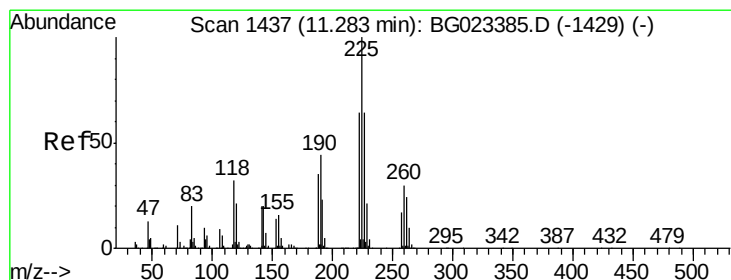
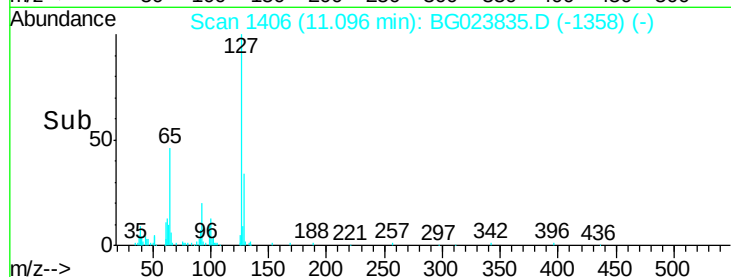
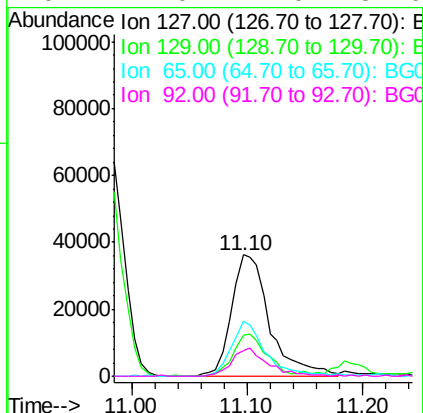
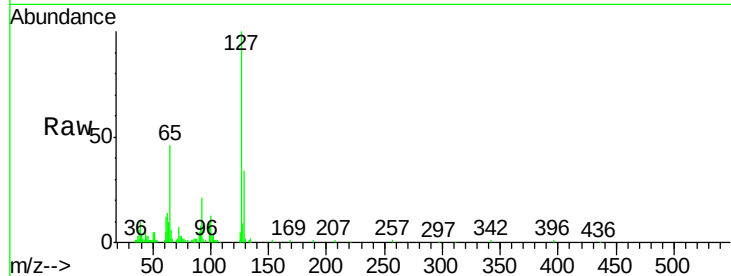




#33
4-Chloroaniline
Concen: 8.39 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.02 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

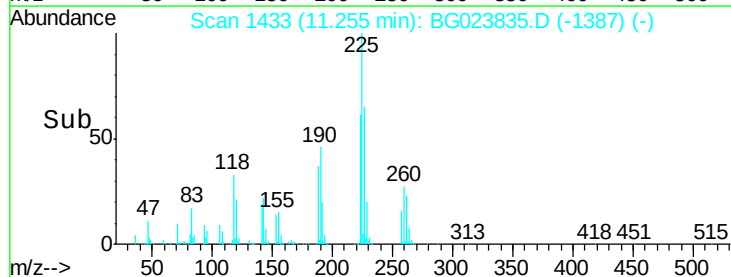
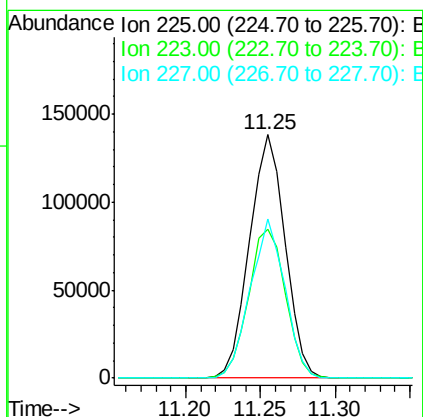
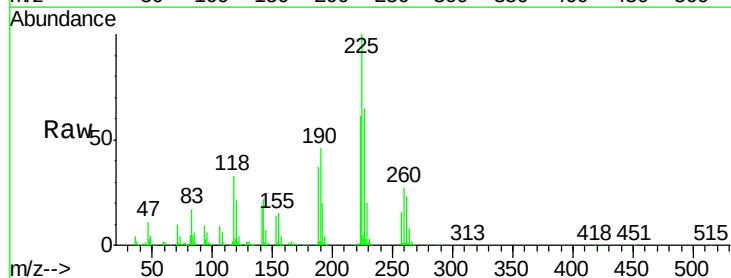
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

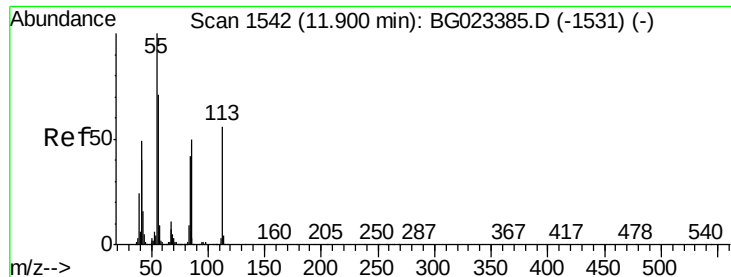
Tot Ion:	127	Resp:	83012
Ion	Ratio	Lower	Upper
127	100		
129	34.0	27.9	41.9
65	45.6	36.8	55.2
92	21.0	21.0	31.6#



#34
Hexachlorobutadiene
Concen: 49.09 ng
RT: 11.25 min Scan# 1433
Delta R.T. -0.03 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

Tgt Ion:	225	Resp:	227911
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.6	74.4
227	65.2	54.5	81.7





#35

Caprolactam

Concen: 14.76 ng

RT: 11.92 min Scan# 1546

Delta R.T. 0.02 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

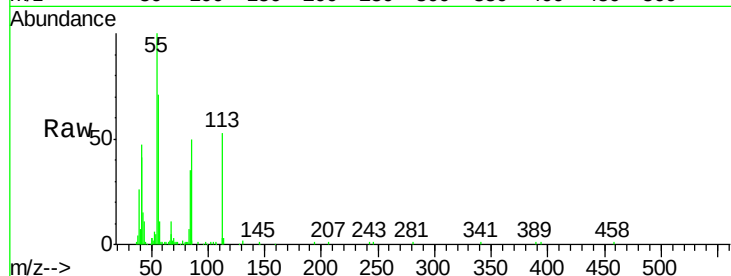
Tot Ion:113 Resp: 40639

Ion Ratio Lower Upper

113 100

55 189.4 154.5 194.5

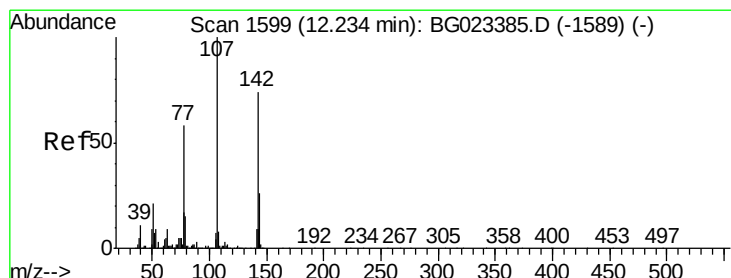
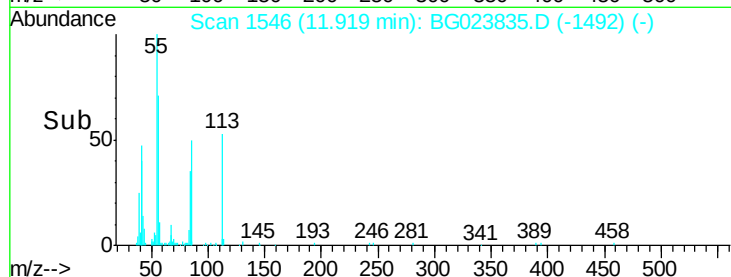
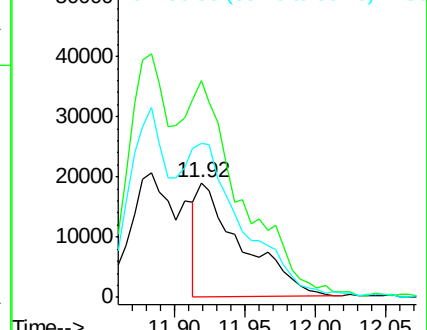
56 134.8 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 45.52 ng

RT: 12.22 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

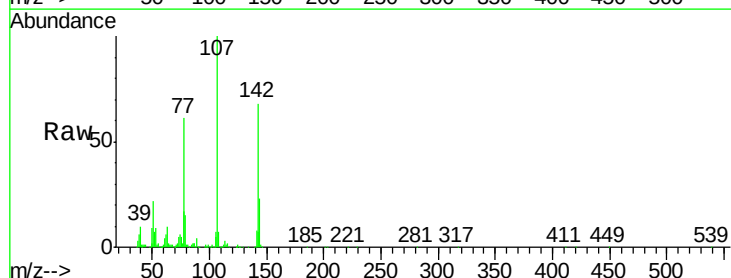
Tgt Ion:107 Resp: 391462

Ion Ratio Lower Upper

107 100

144 22.7 17.0 25.6

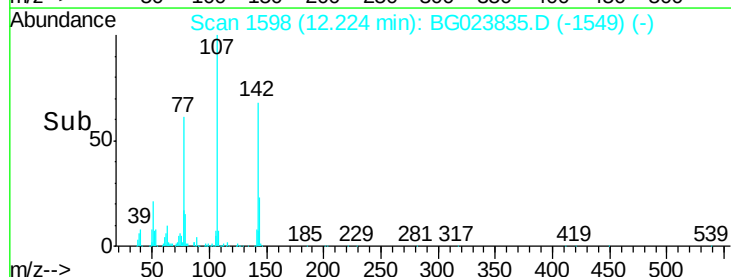
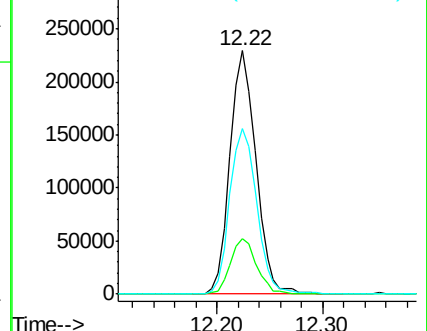
142 67.8 53.0 79.6

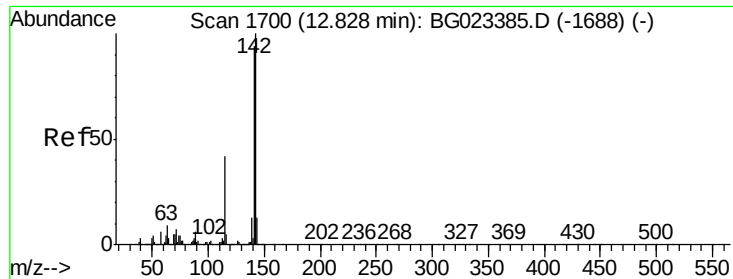


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

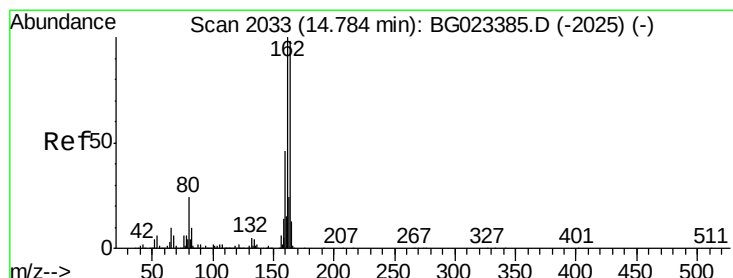
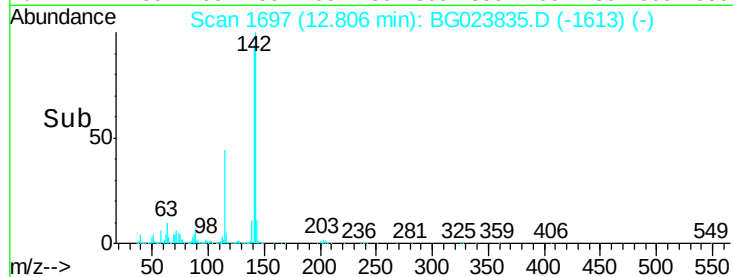
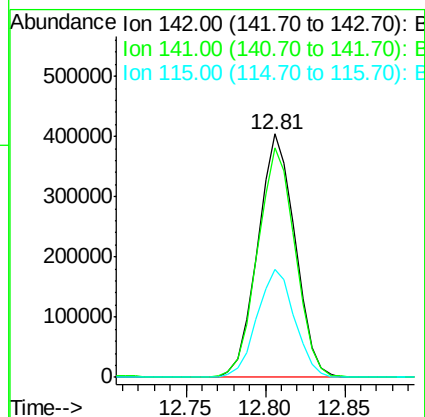
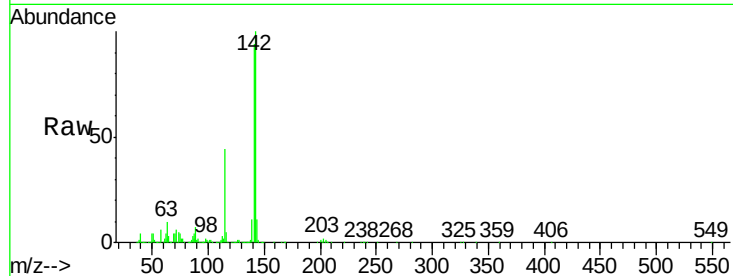




#37
2-Methylnaphthalene
Concen: 42.11 ng
RT: 12.81 min Scan# 1697
Delta R.T. 0.20 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

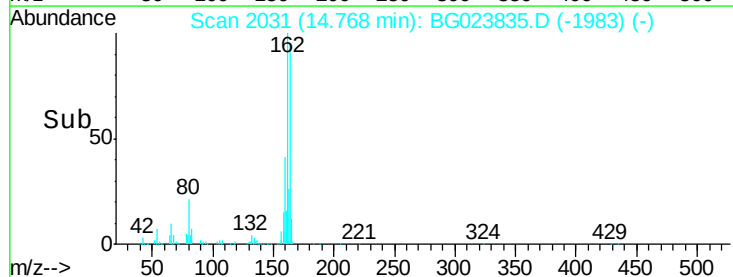
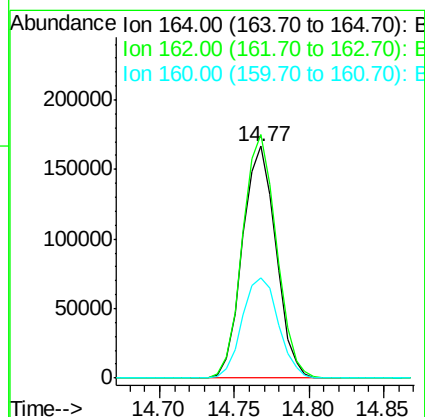
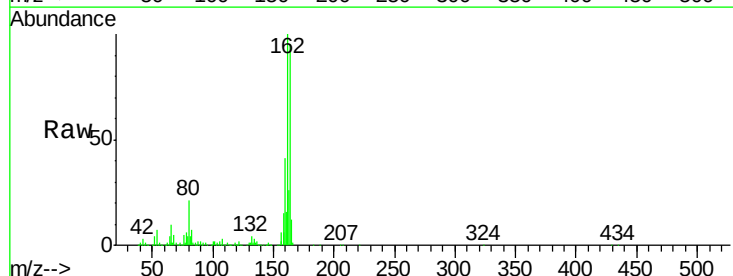
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

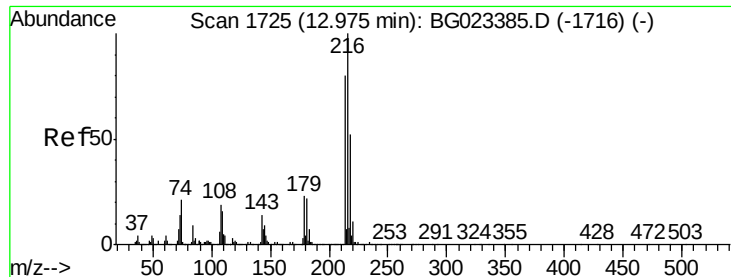
Tot Ion:142 Resp: 662918
Ion Ratio Lower Upper
142 100
141 94.1 70.2 105.2
115 44.3 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

Tgt Ion:164 Resp: 258539
Ion Ratio Lower Upper
164 100
162 105.1 87.7 131.5
160 43.1 37.2 55.8

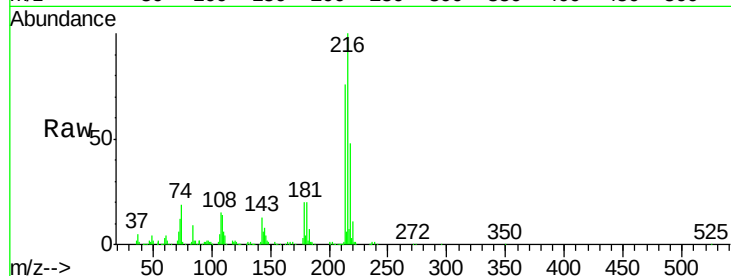




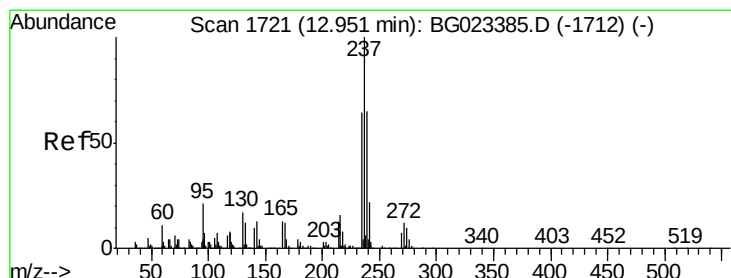
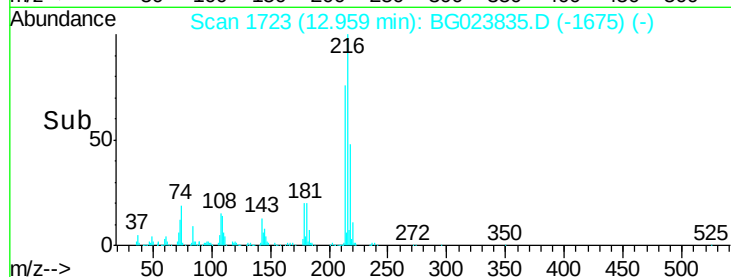
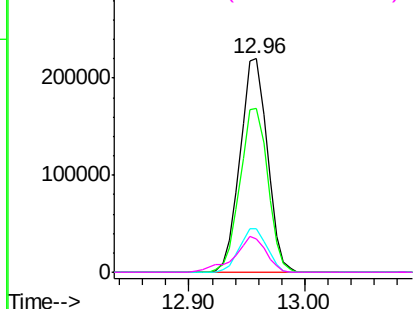
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.58 ng
 RT: 12.96 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG023835.D
 Acq: 22 Aug 2016 16:14

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

Tot Ion:216	Resp:	361711
Ion	Ratio	Lower Upper
216	100	
214	78.3	62.9 94.3
179	20.8	17.2 25.8
108	19.4	16.3 24.5

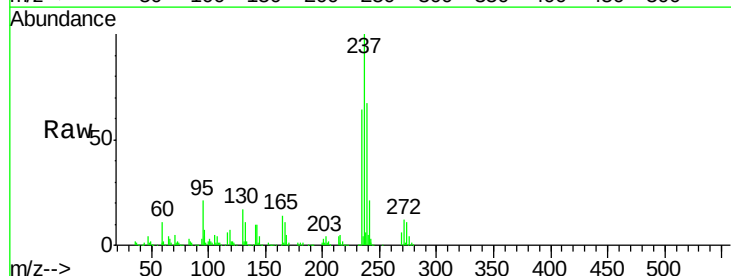


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

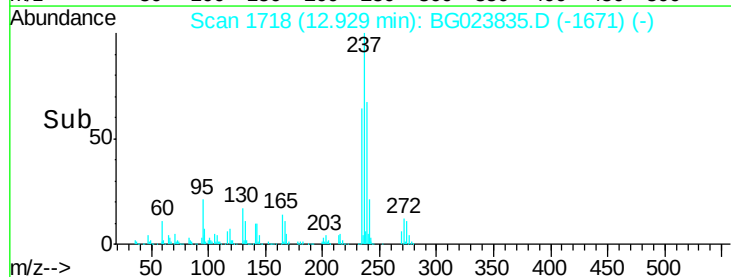
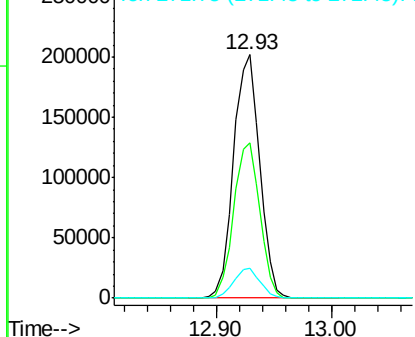


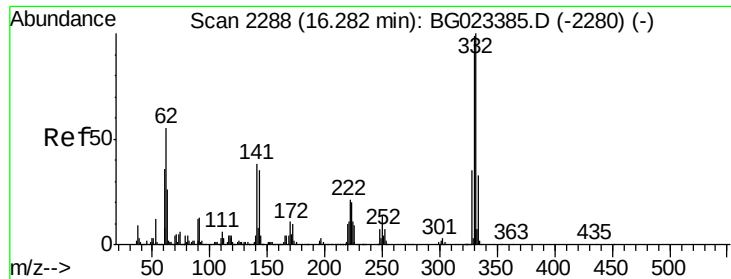
#40
 Hexachlorocyclopentadiene
 Concen: 66.83 ng
 RT: 12.93 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG023835.D
 Acq: 22 Aug 2016 16:14

Tgt Ion:237	Resp:	315945
Ion	Ratio	Lower Upper
237	100	
235	63.6	43.1 83.1
272	12.3	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: 132.87 ng

RT: 16.27 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

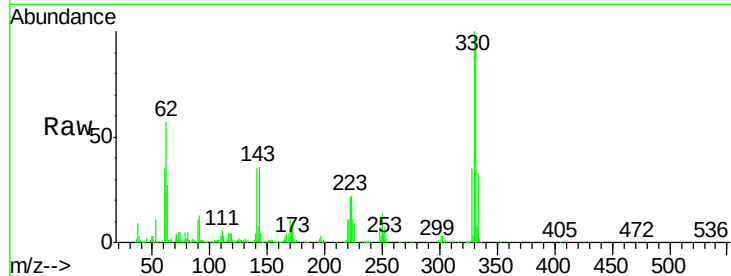
Tot Ion:330 Resp: 502457

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

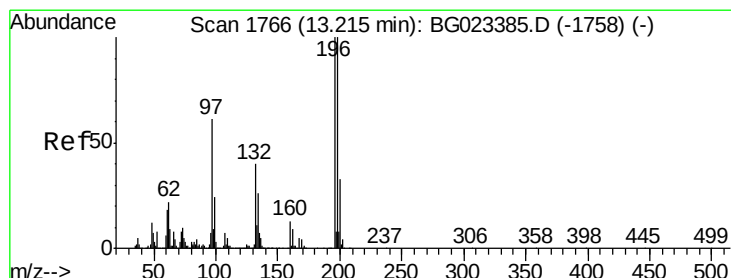
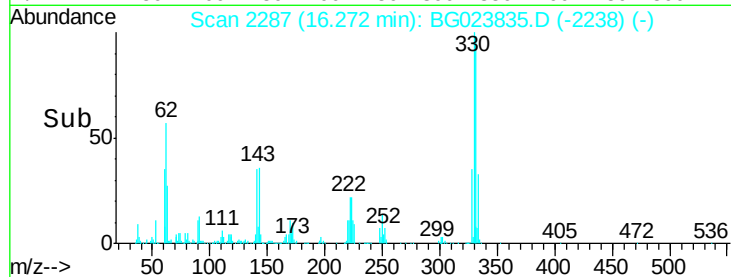
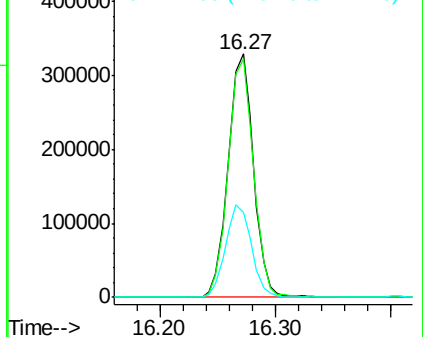
141 39.0 31.7 47.5



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: 48.85 ng

RT: 13.20 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

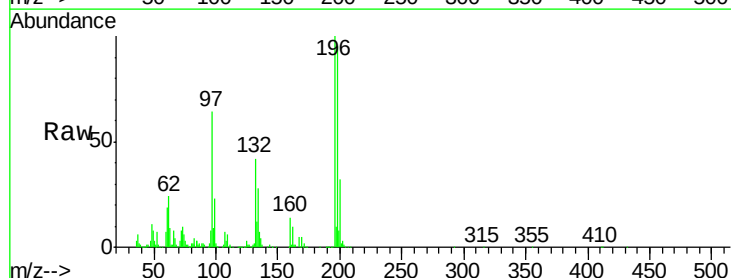
Tgt Ion:196 Resp: 272825

Ion Ratio Lower Upper

196 100

198 95.2 78.2 117.2

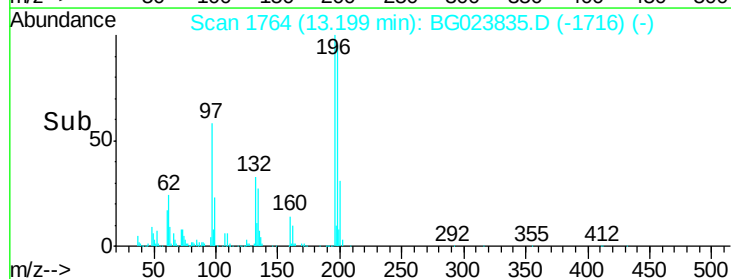
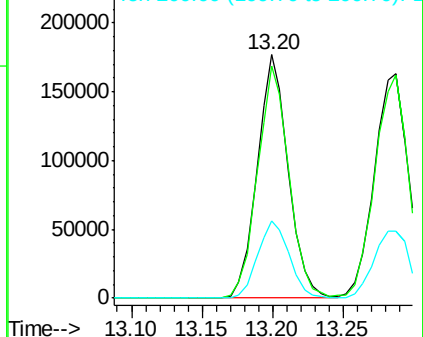
200 31.8 27.0 40.4

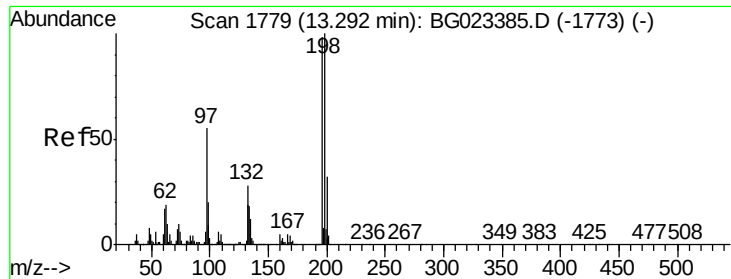


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

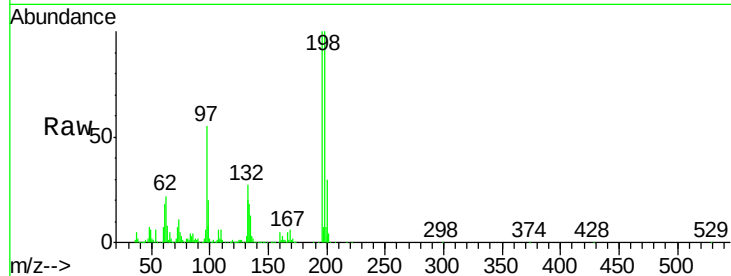




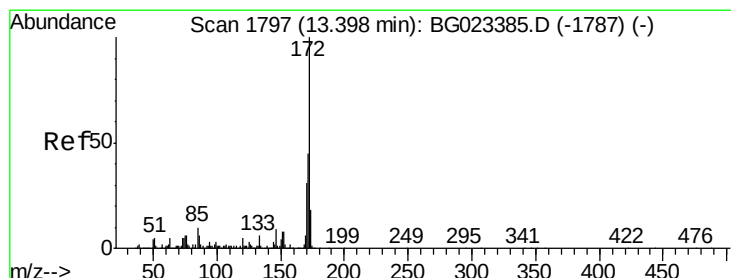
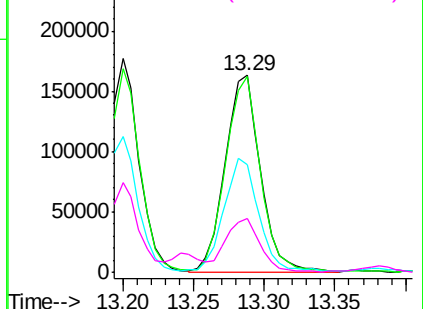
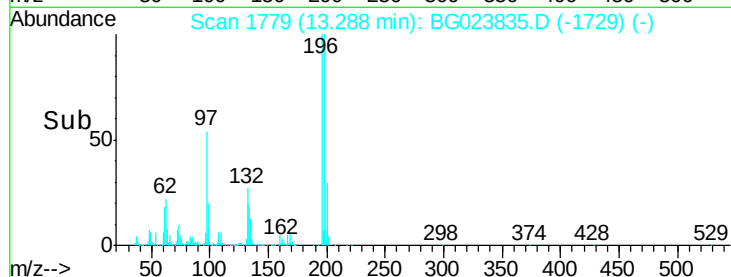
#43
 2,4,5-Trichlorophenol
 Concen: 49.14 ng
 RT: 13.29 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BG023385.D
 Acq: 22 Aug 2016 16:14

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

Tot Ion:	196	Resp:	282519
Ion	Ratio	Lower	Upper
196	100		
198	99.6	85.7	128.5
97	54.6	45.5	68.3
132	27.5	18.9	28.3

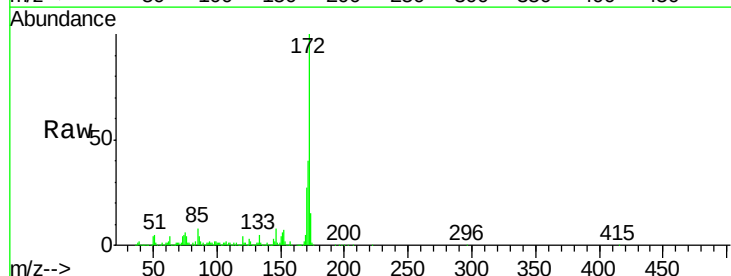


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

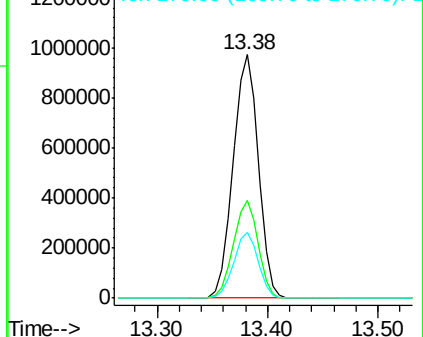
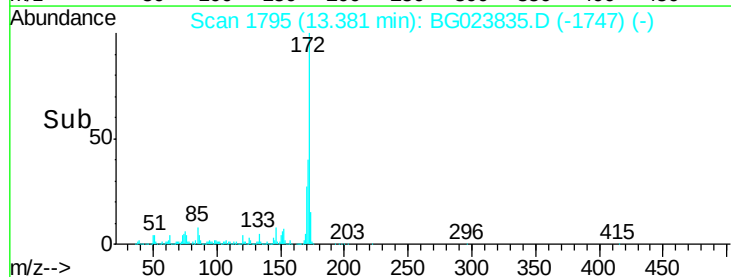


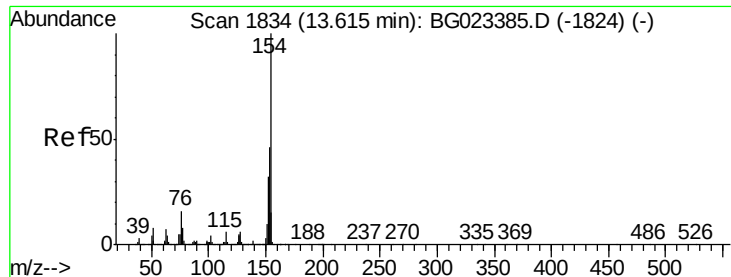
#44
 2-Fluorobiphenyl
 Concen: 101.85 ng
 RT: 13.38 min Scan# 1795
 Delta R.T. -0.02 min
 Lab File: BG023385.D
 Acq: 22 Aug 2016 16:14

Tgt Ion:	172	Resp:	1561128
Ion	Ratio	Lower	Upper
172	100		
171	40.3	31.6	47.4
170	27.1	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

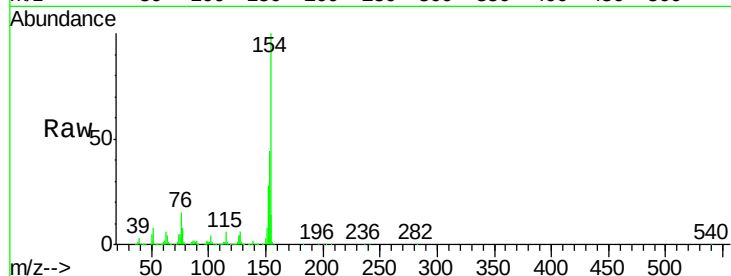




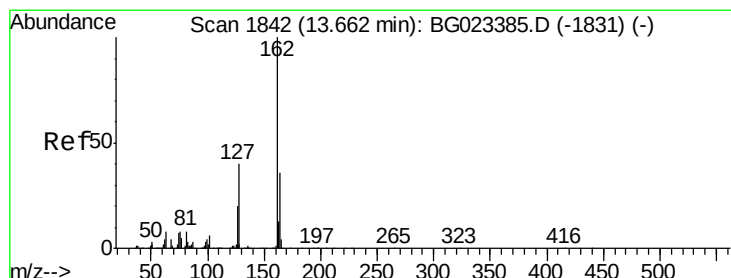
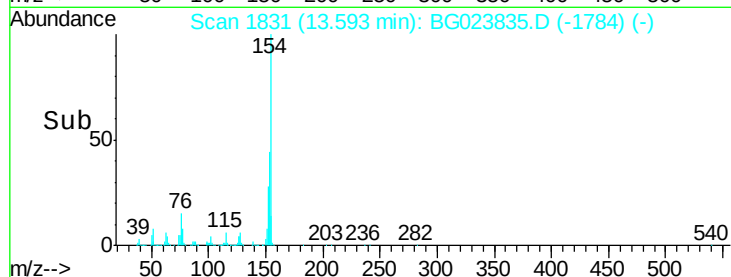
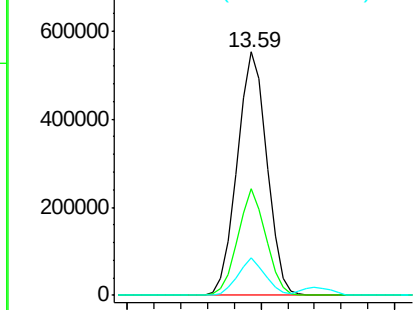
#45
1,1'-Biphenyl
Concen: 42.95 ng
RT: 13.59 min Scan# 1831
Delta R.T. -0.02 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.7	20.2	60.2
76	15.2	0.0	32.9

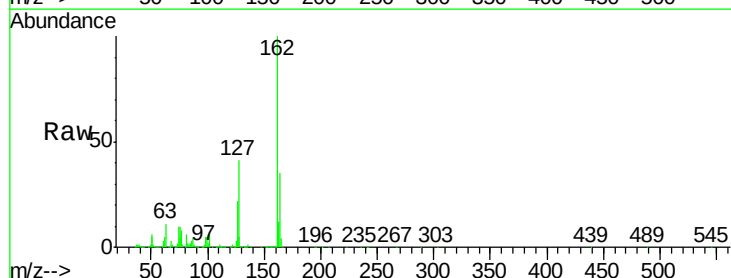


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B

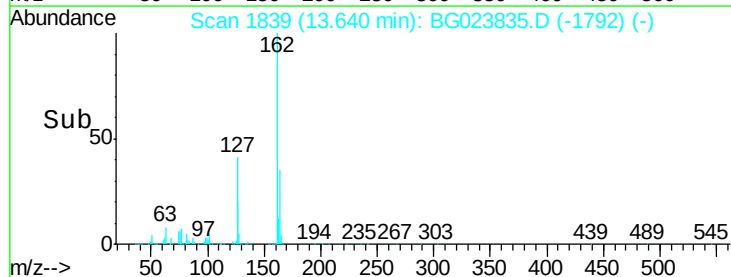
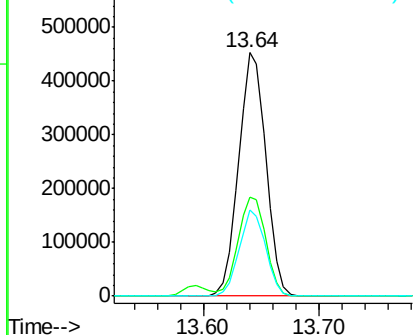


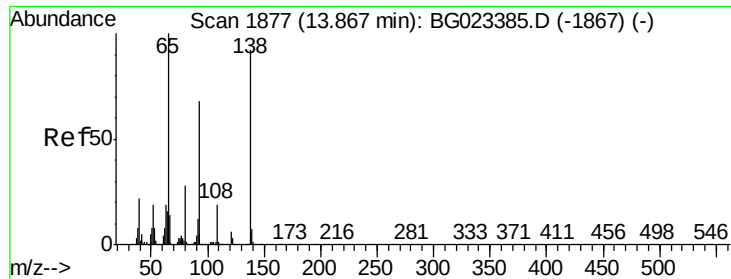
#46
2-Chloronaphthalene
Concen: 48.37 ng
RT: 13.64 min Scan# 1839
Delta R.T. -0.02 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.4	48.6
164	35.5	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

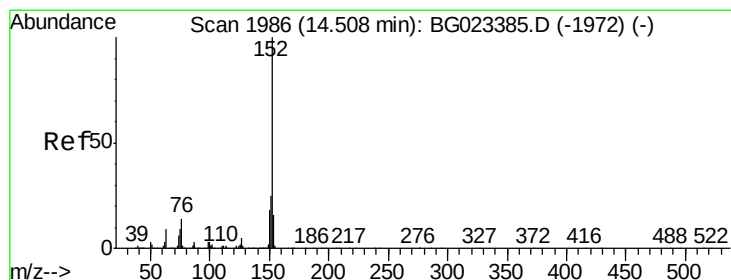
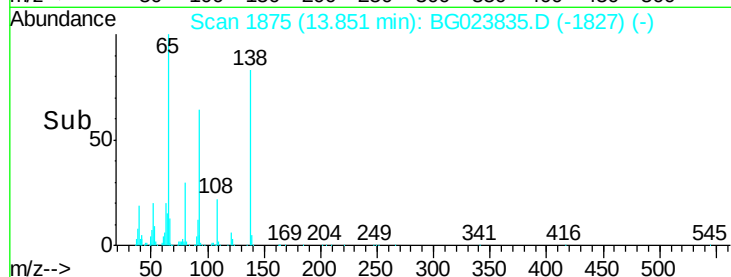
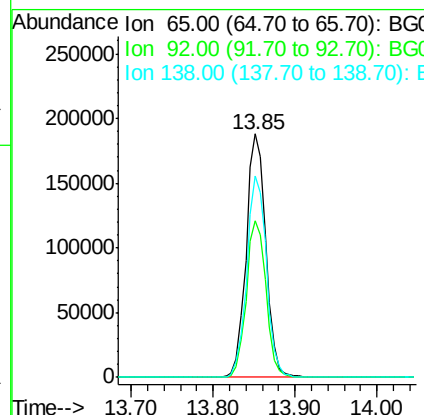
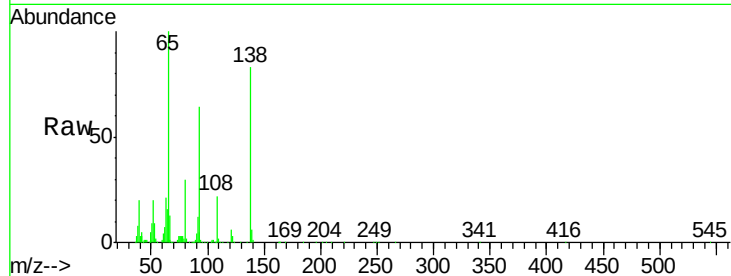




#47
2-Nitroaniline
Concen: 49.34 ng
RT: 13.85 min Scan# 1875
Delta R.T. -0.02 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

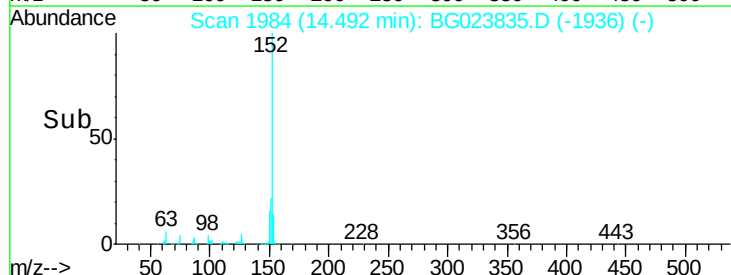
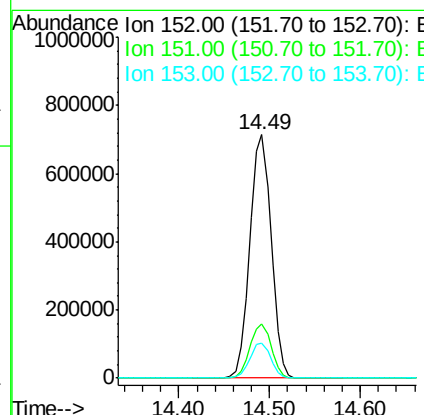
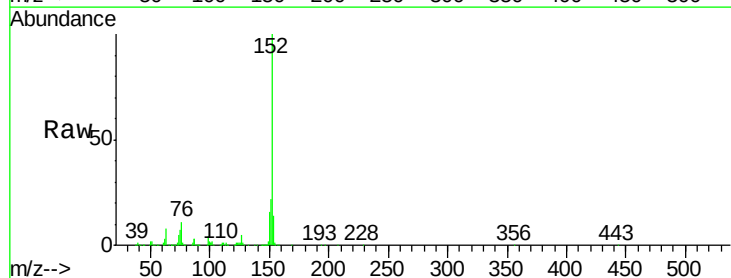
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

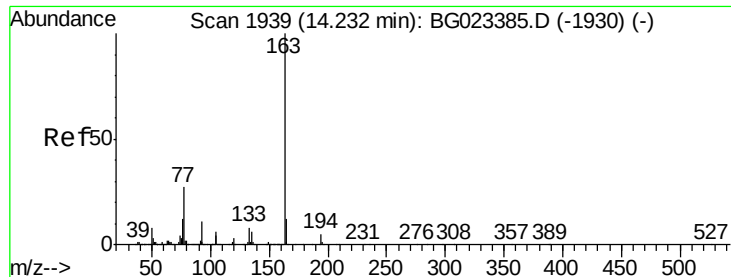
Tot Ion	Ratio	Lower	Upper
65	100		
92	64.2	49.4	74.0
138	82.7	58.0	87.0



#48
Acenaphthylene
Concen: 48.02 ng
RT: 14.49 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.6	26.4
153	14.2	11.4	17.2





#49

Dimethylphthalate

Concen: 51.26 ng

RT: 14.22 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

Instrument :

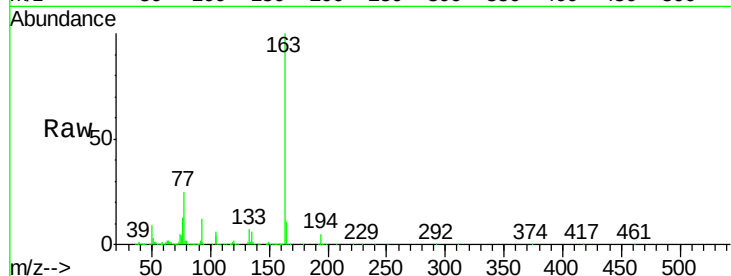
BNA_G

ClientSampleId :

HSR-WC-65-081616MS

Tot Ion:163 Resp: 1016717

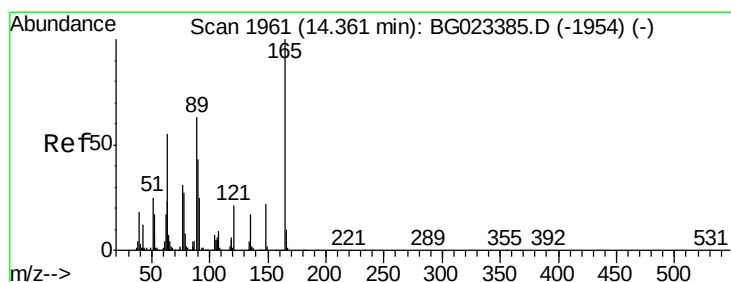
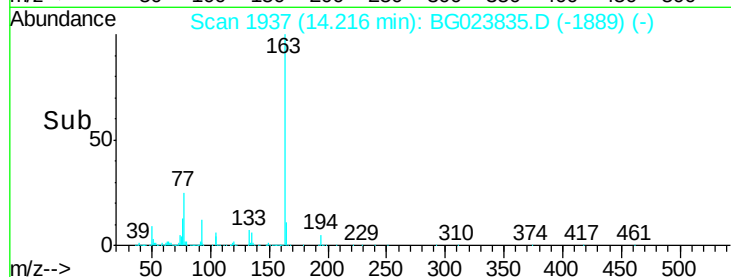
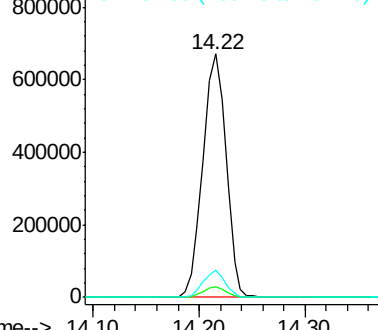
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	11.0	8.1	12.1



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: 48.50 ng

RT: 14.34 min Scan# 1959

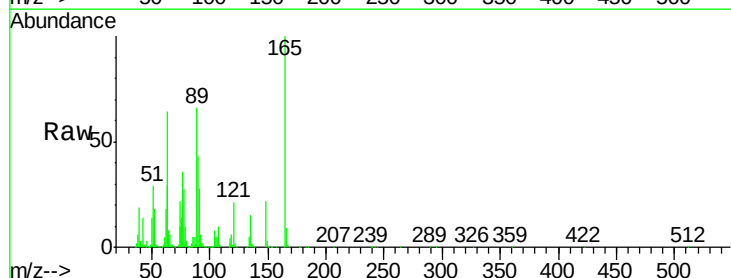
Delta R.T. -0.02 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

Tgt Ion:165 Resp: 227855

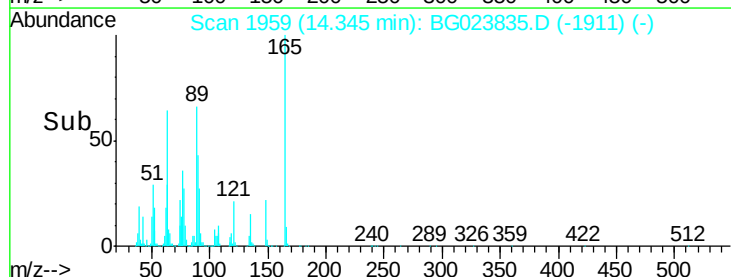
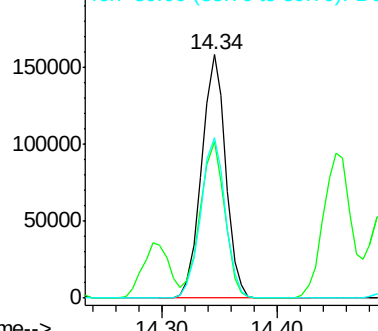
Ion	Ratio	Lower	Upper
165	100		
63	64.1	64.3	96.5#
89	65.9	64.3	96.5

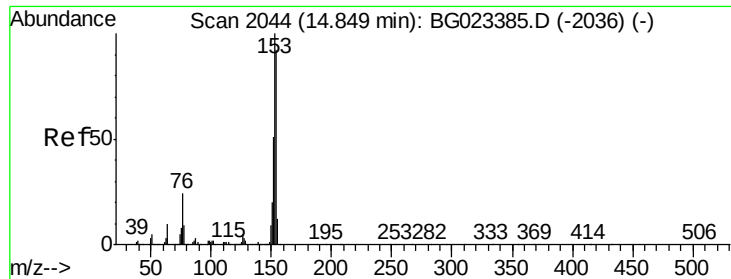


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 48.31 ng

RT: 14.83 min Scan# 2042

Delta R.T. -0.02 min

Lab File: BG023385.D

Acq: 22 Aug 2016 16:14

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

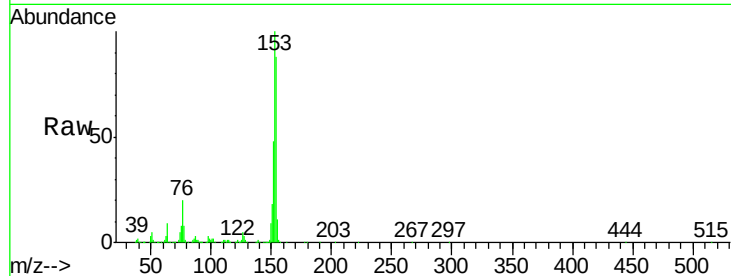
Tot Ion:154 Resp: 739595

Ion Ratio Lower Upper

154 100

153 113.5 87.5 131.3

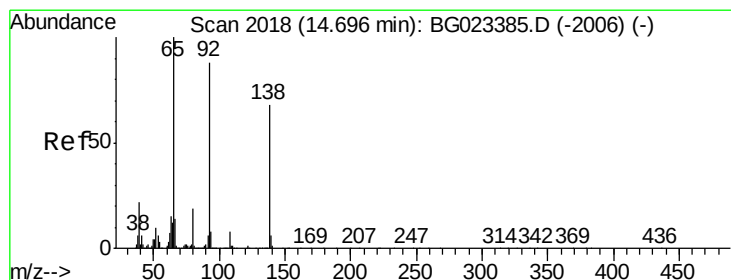
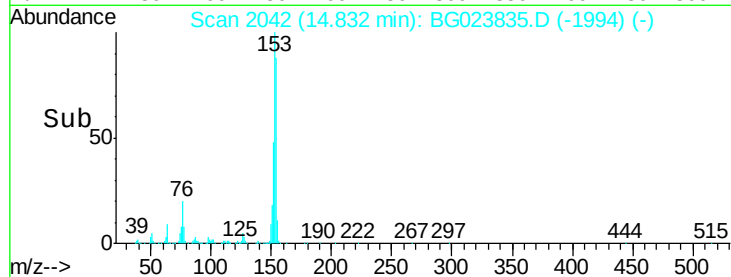
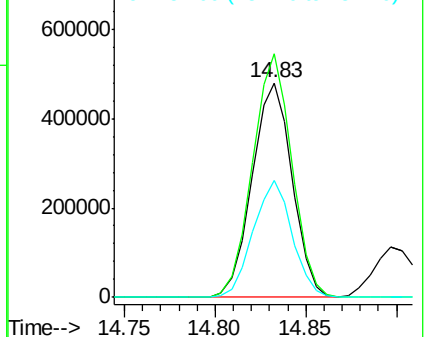
152 54.4 42.7 64.1



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: 21.16 ng

RT: 14.68 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BG023385.D

Acq: 22 Aug 2016 16:14

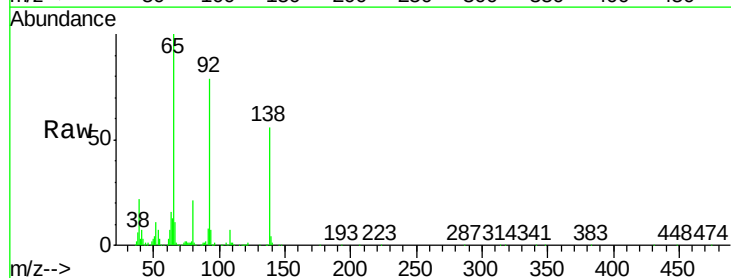
Tgt Ion:138 Resp: 112076

Ion Ratio Lower Upper

138 100

108 11.7 11.7 17.5

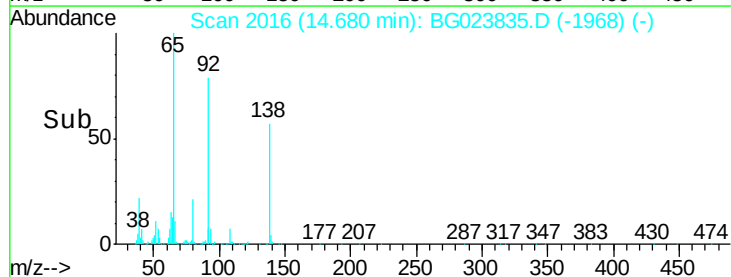
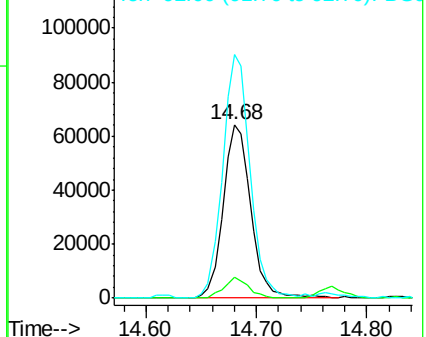
92 140.3 129.7 194.5

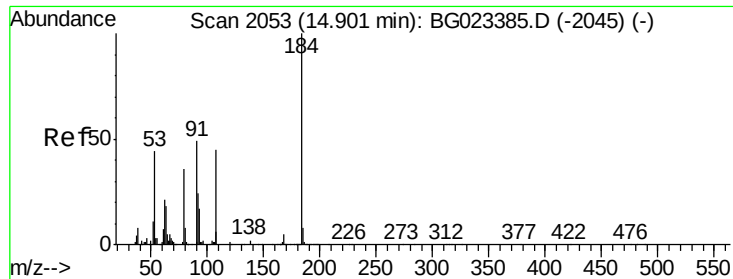


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

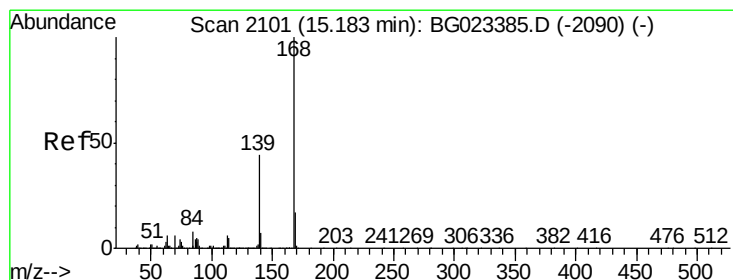
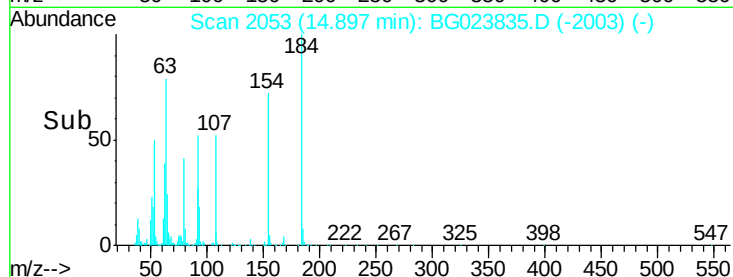
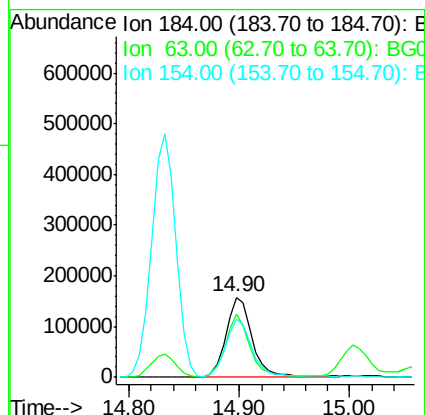
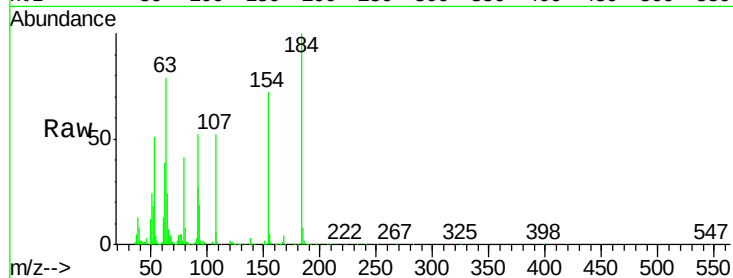




#53
2,4-Dinitrophenol
Concen: 87.60 ng
RT: 14.90 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG023385.D
Acq: 22 Aug 2016 16:14

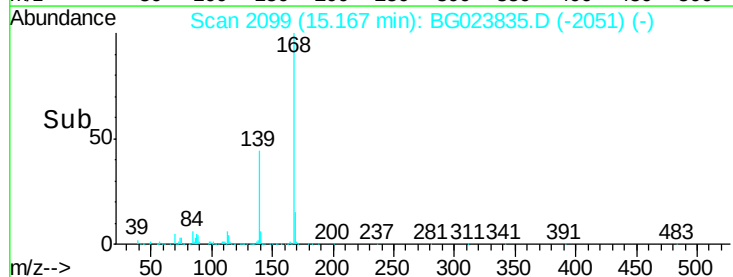
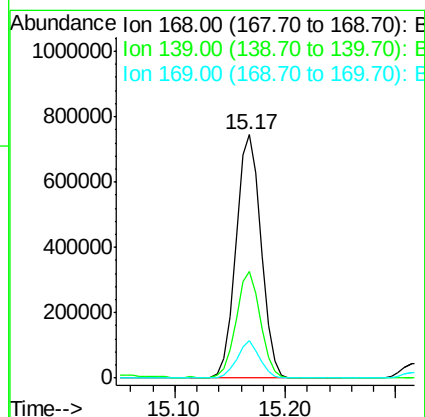
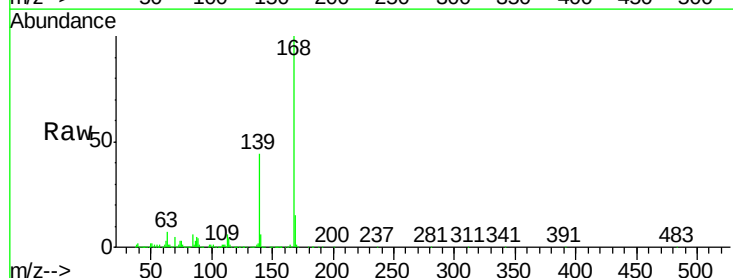
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

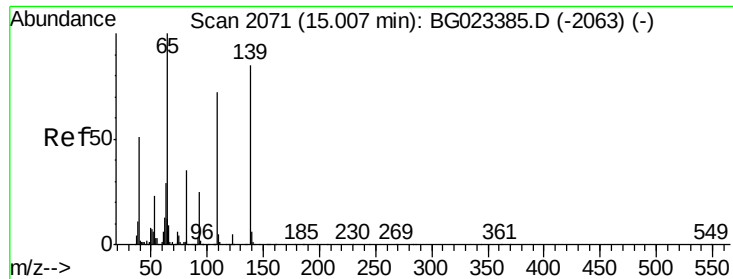
Tot Ion:184 Resp: 263782
Ion Ratio Lower Upper
184 100
63 79.3 59.6 89.4
154 72.5 67.4 101.0



#54
Dibenzofuran
Concen: 53.08 ng
RT: 15.17 min Scan# 2099
Delta R.T. -0.02 min
Lab File: BG023385.D
Acq: 22 Aug 2016 16:14

Tgt Ion:168 Resp: 1179989
Ion Ratio Lower Upper
168 100
139 43.8 36.4 54.6
169 15.3 11.9 17.9





#55

4-Nitrophenol

Concen: 74.79 ng

RT: 15.00 min Scan# 2071

Delta R.T. -0.00 min

Lab File: BG023385.D

Acq: 22 Aug 2016 16:14

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

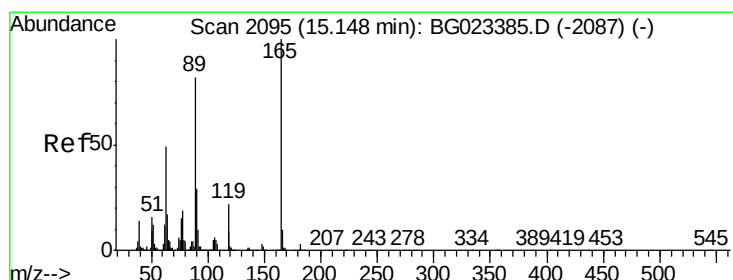
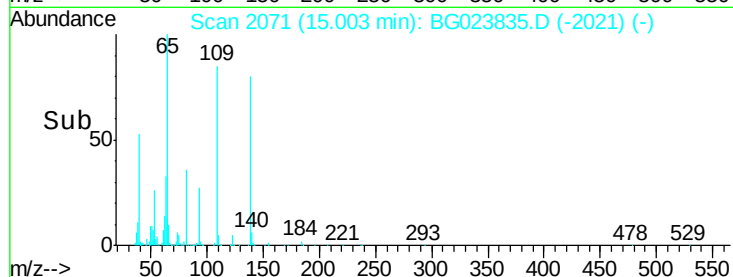
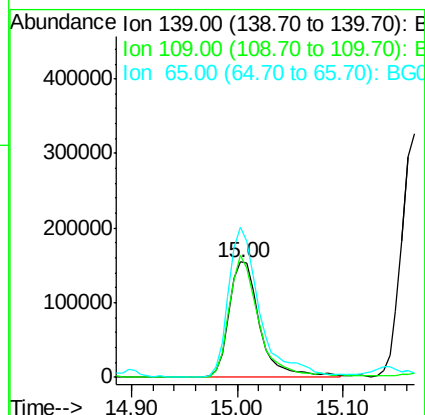
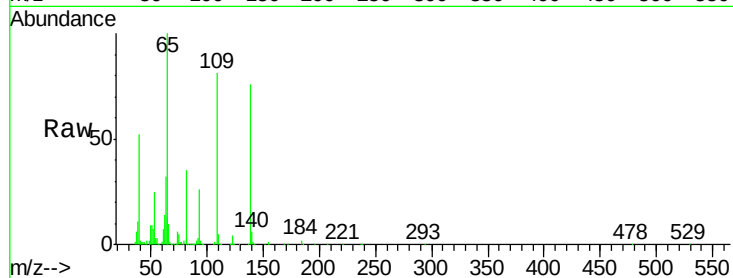
Tot Ion:139 Resp: 311158

Ion Ratio Lower Upper

139 100

109 106.4 103.0 143.0

65 130.9 112.7 152.7



#56

2,4-Dinitrotoluene

Concen: 48.82 ng

RT: 15.14 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BG023385.D

Acq: 22 Aug 2016 16:14

Tgt Ion:165 Resp: 321841

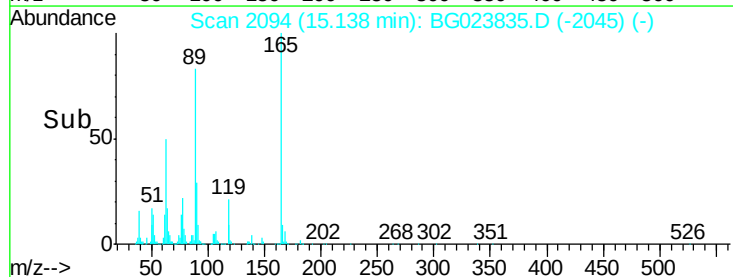
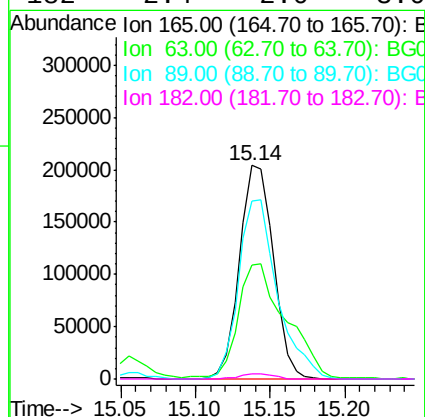
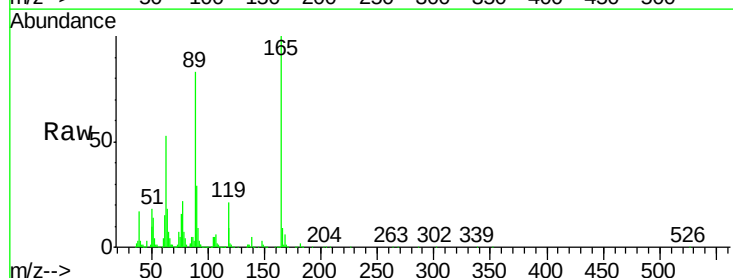
Ion Ratio Lower Upper

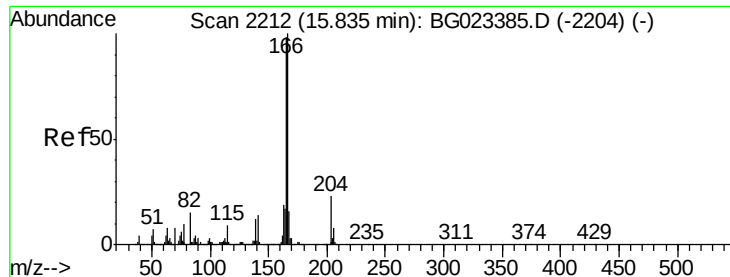
165 100

63 53.4 45.8 68.6

89 83.2 68.6 102.8

182 2.4 2.0 3.0

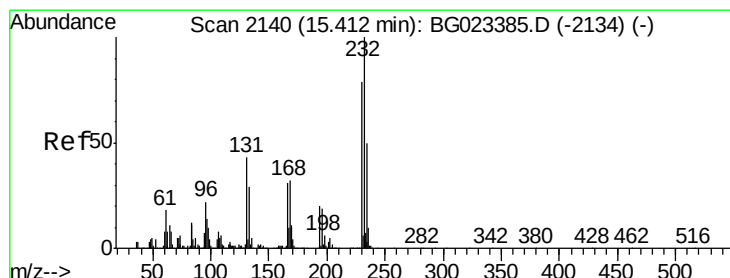
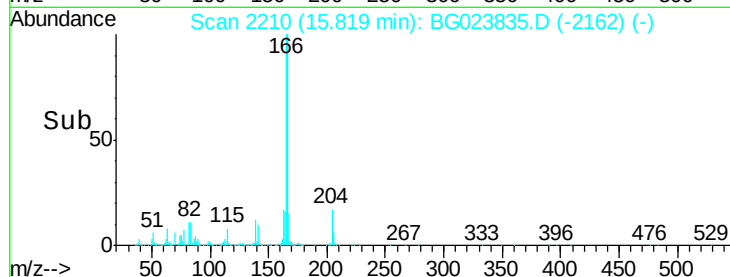
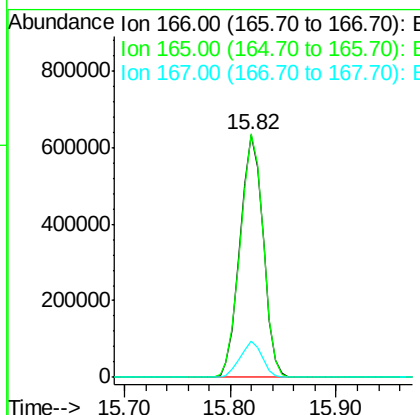
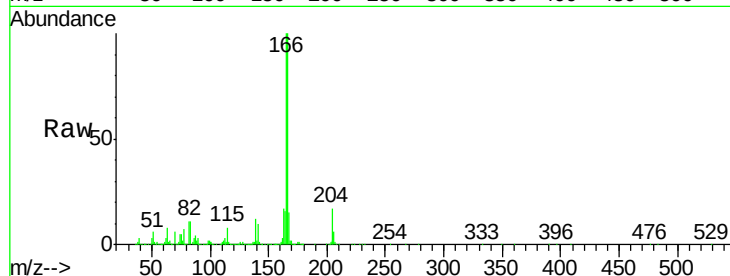




#57
Fluorene
 Concen: 49.39 ng
 RT: 15.82 min Scan# 2210
 Delta R.T. -0.02 min
 Lab File: BG023385.D
 Acq: 22 Aug 2016 16:14

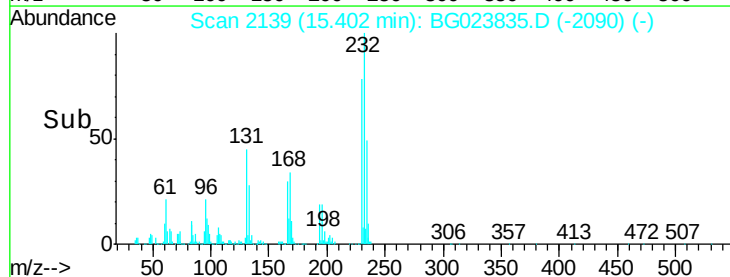
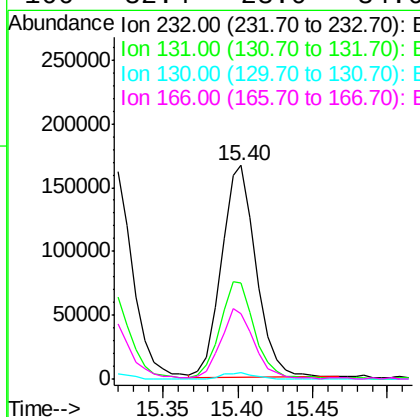
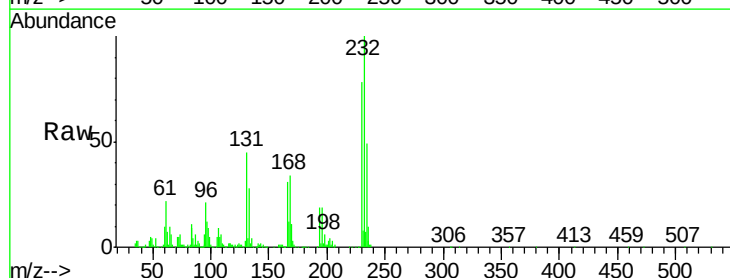
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

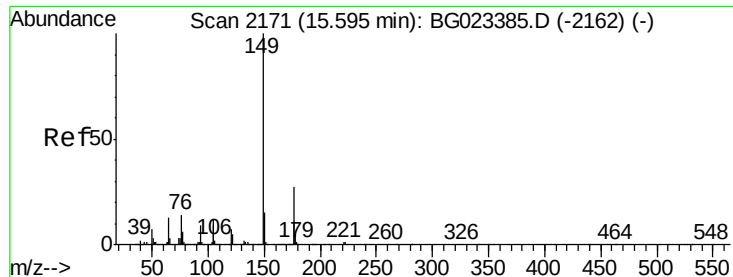
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.2	81.0	121.6
167	15.0	12.0	18.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.78 ng
 RT: 15.40 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BG023385.D
 Acq: 22 Aug 2016 16:14

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.9	32.7	49.1
130	2.9	2.6	3.8
166	32.4	23.0	34.6





#59

Diethylphthalate

Concen: 50.88 ng

RT: 15.58 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BG023385.D

Acq: 22 Aug 2016 16:14

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

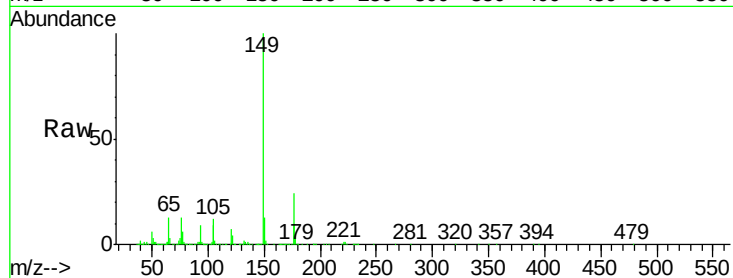
Tot Ion:149 Resp: 1024473

Ion Ratio Lower Upper

149 100

177 24.0 19.2 28.8

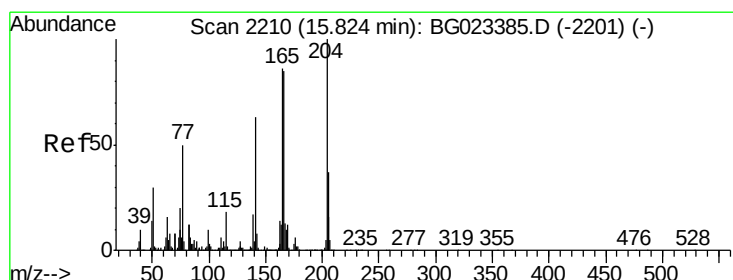
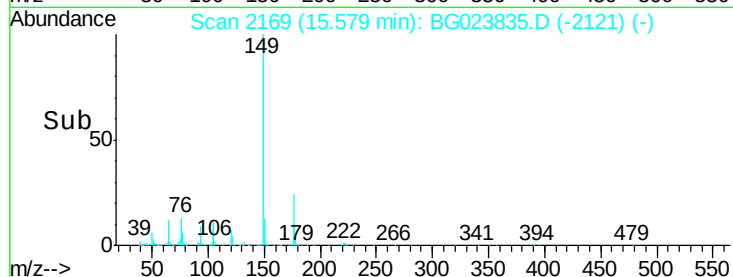
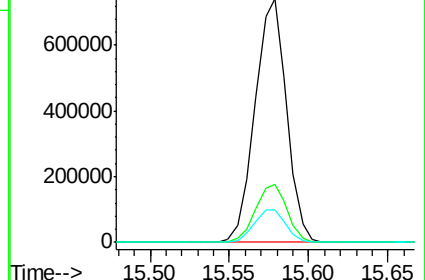
150 13.4 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.41 ng

RT: 15.81 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG023385.D

Acq: 22 Aug 2016 16:14

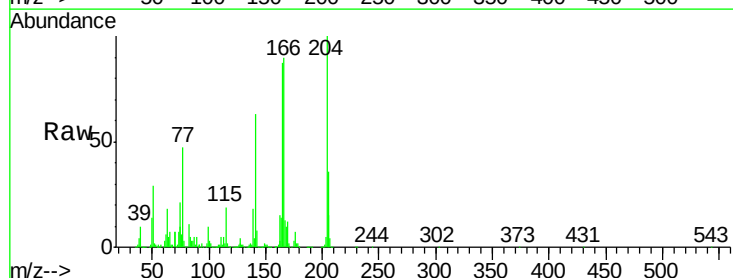
Tgt Ion:204 Resp: 496961

Ion Ratio Lower Upper

204 100

206 36.0 28.5 42.7

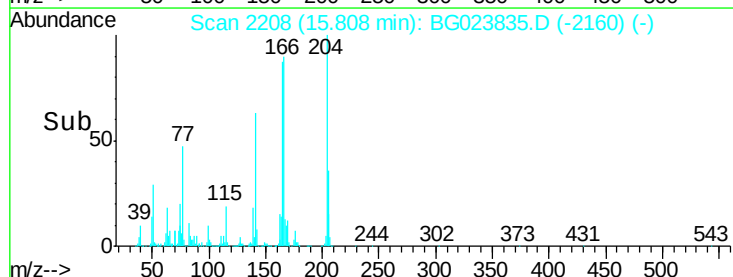
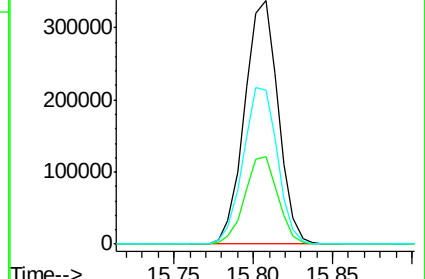
141 63.4 51.4 77.0

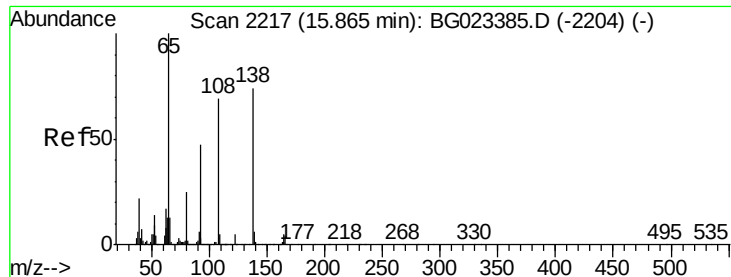


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

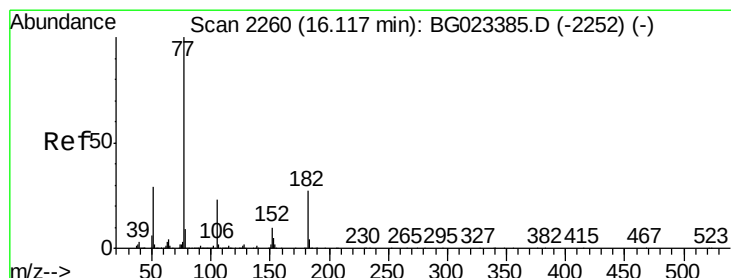
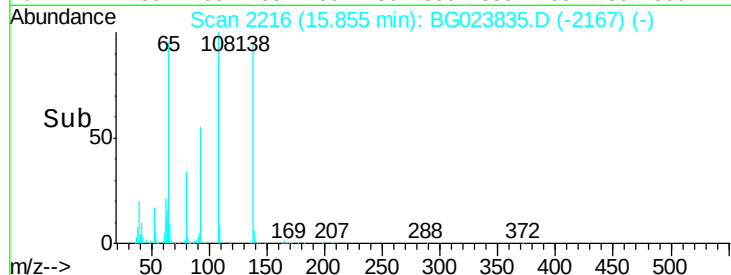
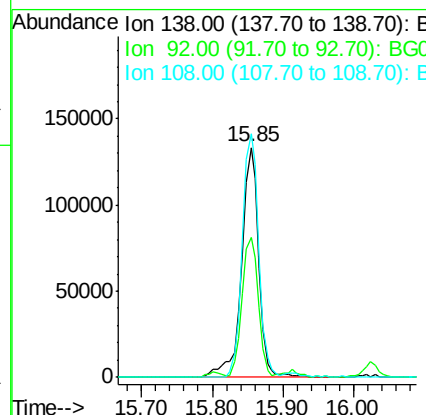
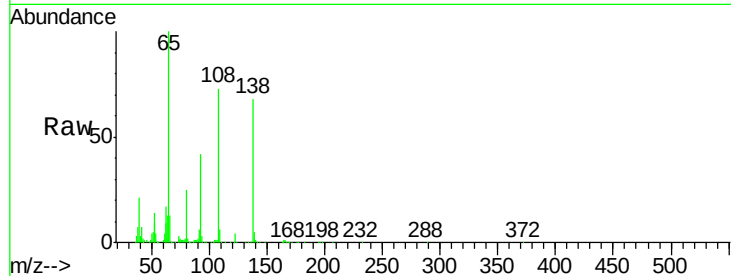




#61
4-Nitroaniline
Concen: 40.02 ng
RT: 15.85 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG023385.D
Acq: 22 Aug 2016 16:14

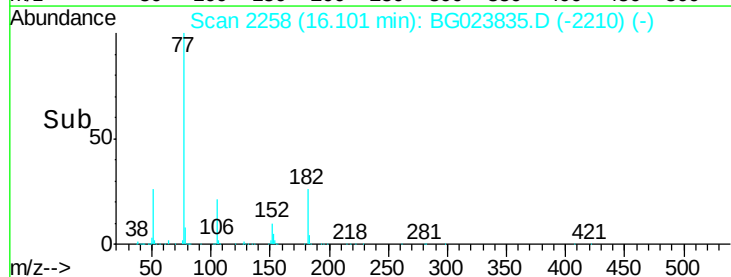
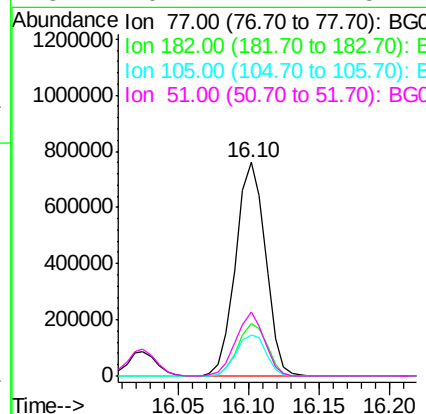
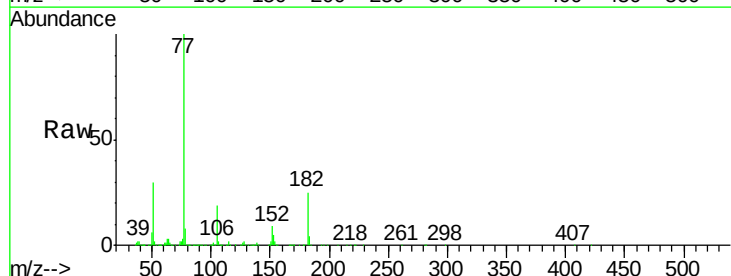
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

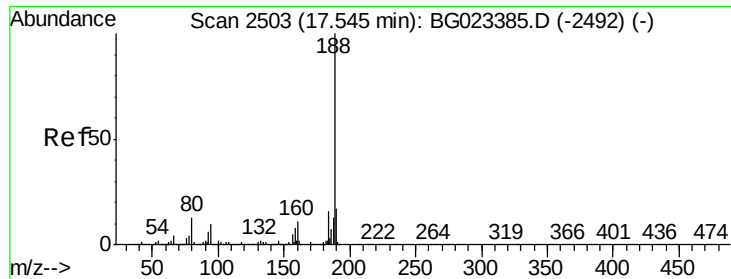
Tot Ion:138 Resp: 225728
Ion Ratio Lower Upper
138 100
92 61.1 54.1 94.1
108 106.0 133.9 173.9#



#62
Azobenzene
Concen: 54.85 ng
RT: 16.10 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BG023385.D
Acq: 22 Aug 2016 16:14

Tgt Ion: 77 Resp: 1119492
Ion Ratio Lower Upper
77 100
182 24.6 3.5 43.5
105 19.4 0.0 38.5
51 29.7 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.53 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

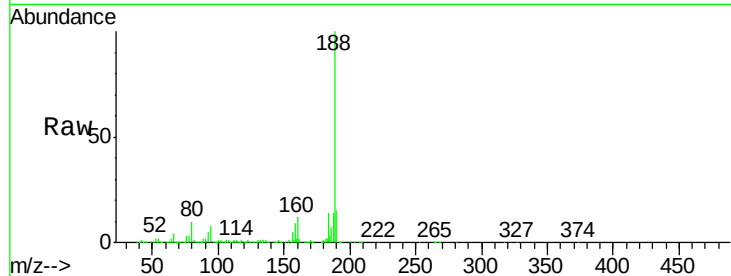
Tot Ion:188 Resp: 616392

Ion Ratio Lower Upper

188 100

94 7.6 5.2 7.8

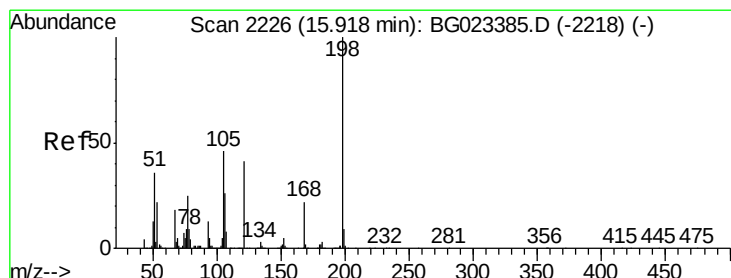
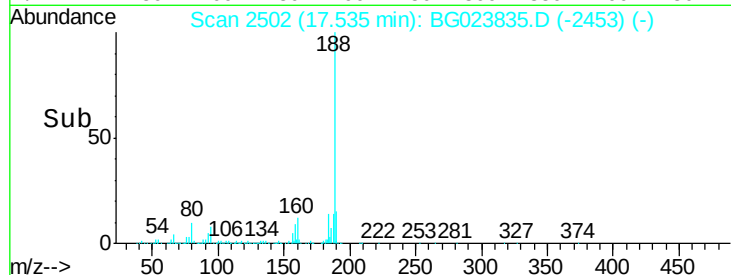
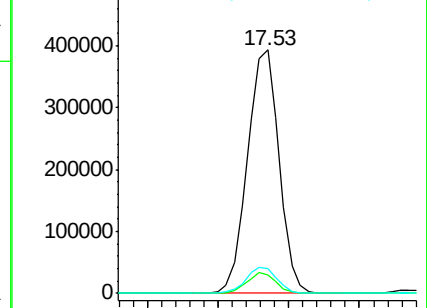
80 10.1 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 44.49 ng

RT: 15.91 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

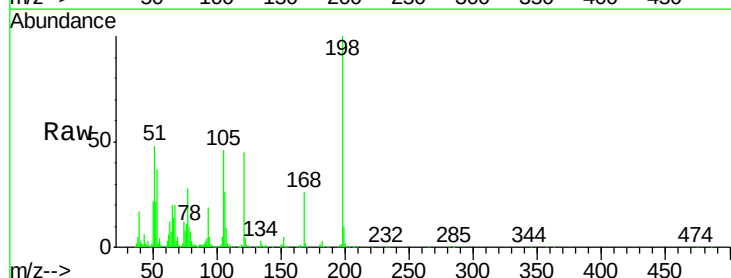
Tgt Ion:198 Resp: 186437

Ion Ratio Lower Upper

198 100

51 47.6 26.0 66.0

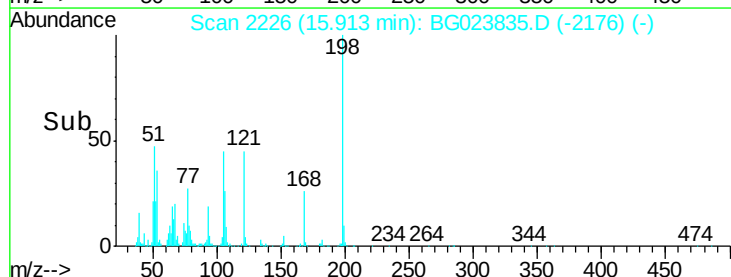
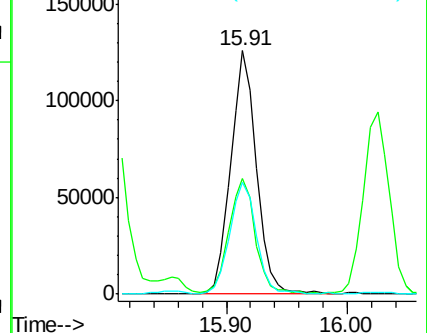
105 46.0 20.1 60.1

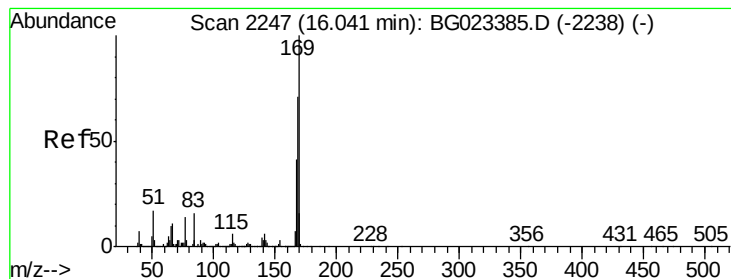


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.57 ng

RT: 16.02 min Scan# 2245

Delta R.T. -0.02 min

Lab File: BG023385.D

Acq: 22 Aug 2016 16:14

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

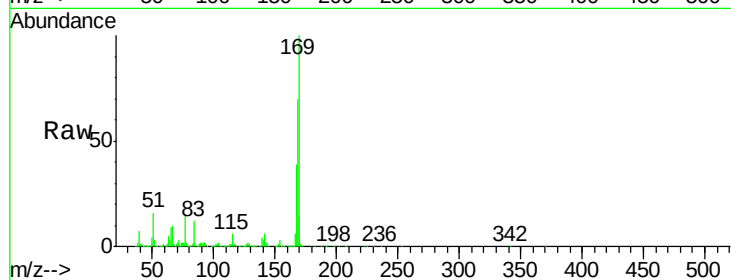
Tot Ion:169 Resp: 878199

Ion Ratio Lower Upper

169 100

168 69.9 55.0 82.4

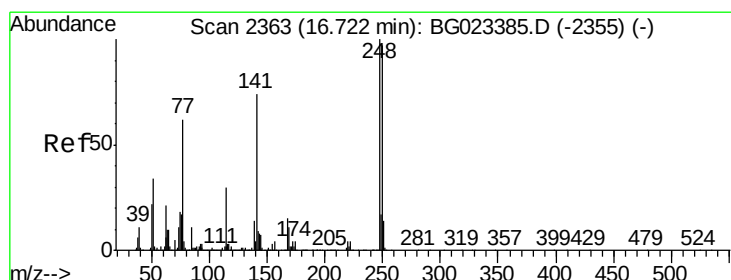
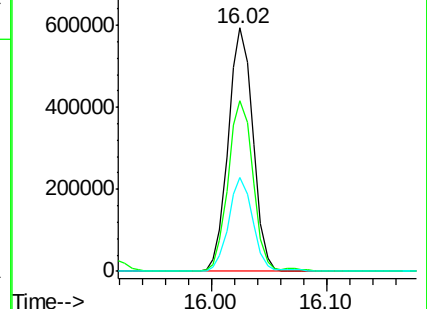
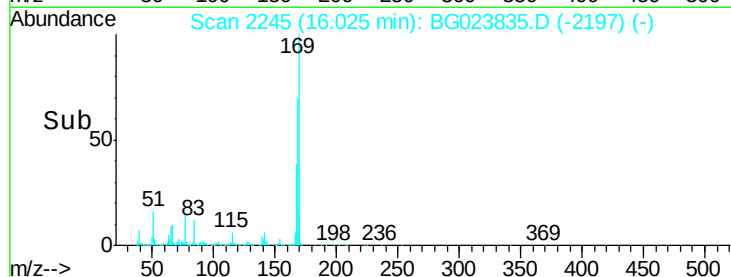
167 38.5 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.32 ng

RT: 16.71 min Scan# 2361

Delta R.T. -0.02 min

Lab File: BG023385.D

Acq: 22 Aug 2016 16:14

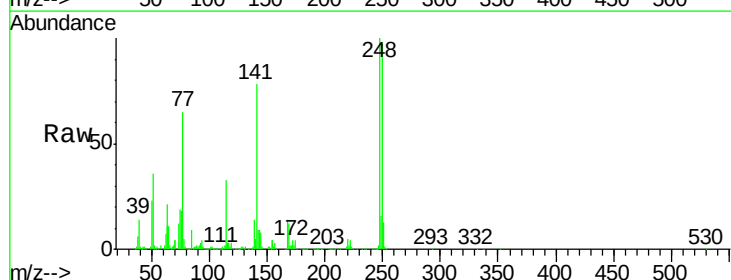
Tgt Ion:248 Resp: 347133

Ion Ratio Lower Upper

248 100

250 97.3 77.8 116.8

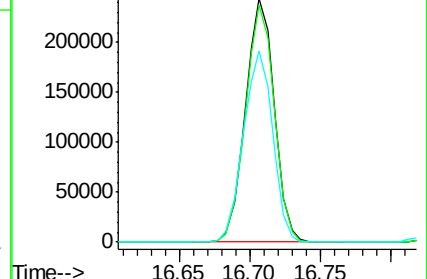
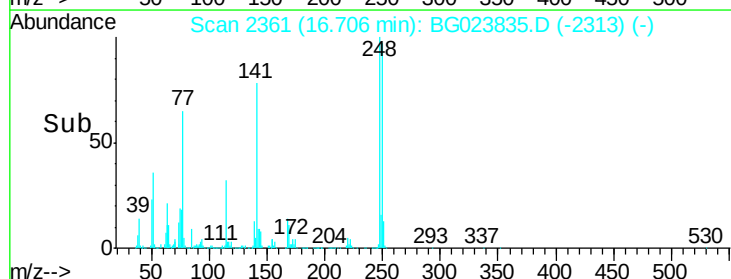
141 78.3 65.7 98.5

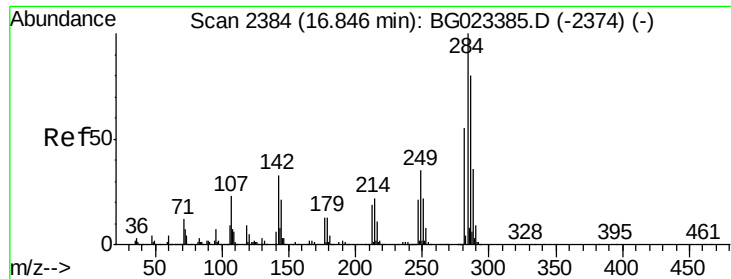


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

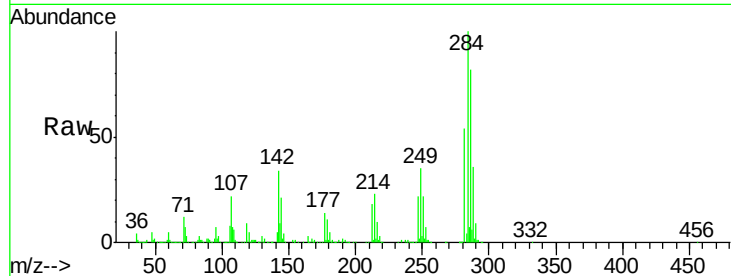




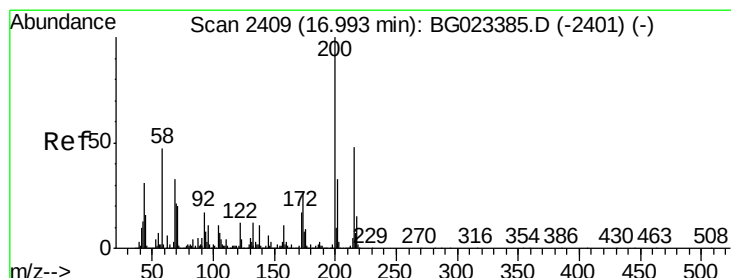
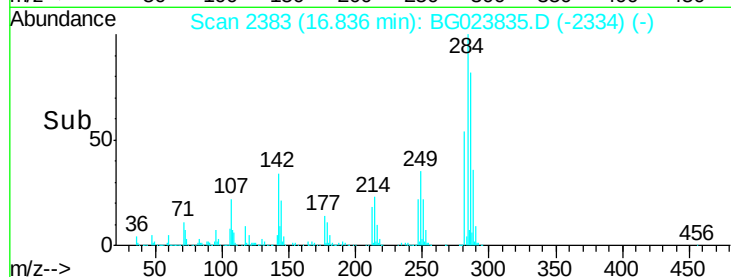
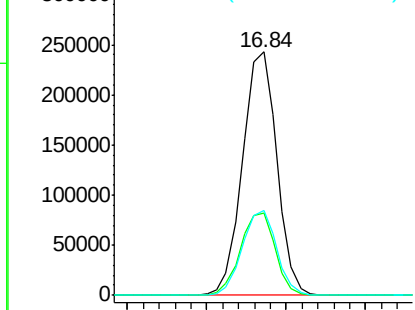
#67
Hexachlorobenzene
Concen: 46.44 ng
RT: 16.84 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.0	26.8	40.2
249	35.1	28.9	43.3

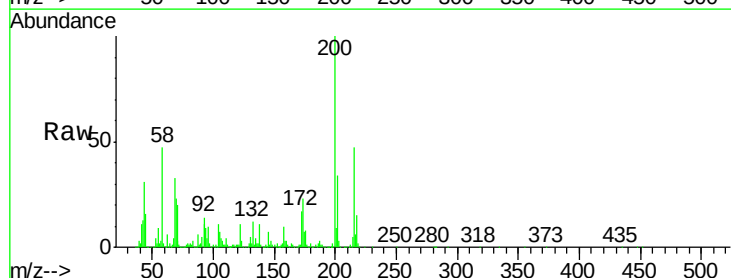


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

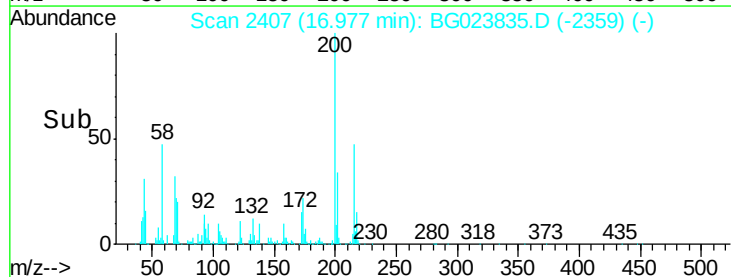
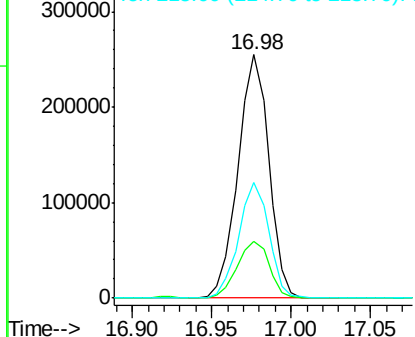


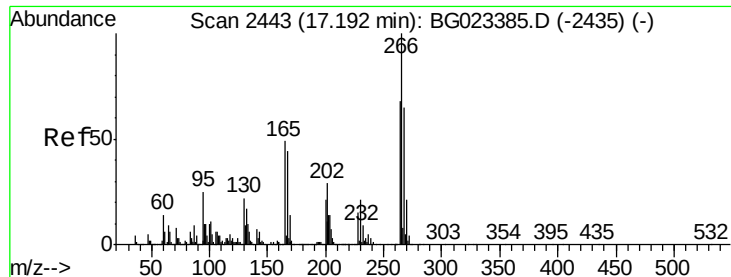
#68
Atrazine
Concen: 49.51 ng
RT: 16.98 min Scan# 2407
Delta R.T. -0.02 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.3	1.6	41.6
215	47.3	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: 86.09 ng

RT: 17.18 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

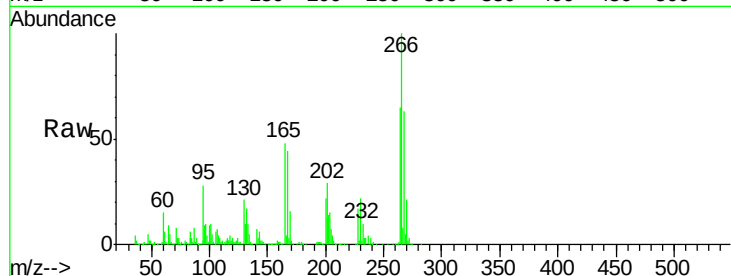
Tot Ion:266 Resp: 394484

Ion Ratio Lower Upper

266 100

268 63.5 51.9 77.9

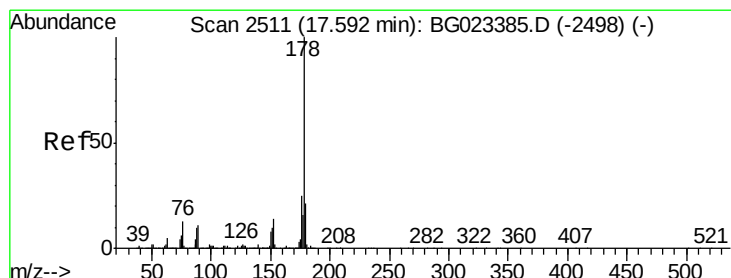
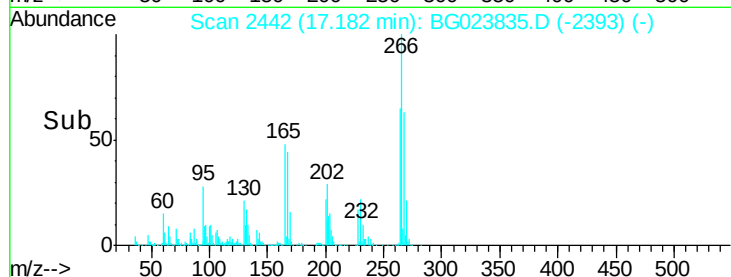
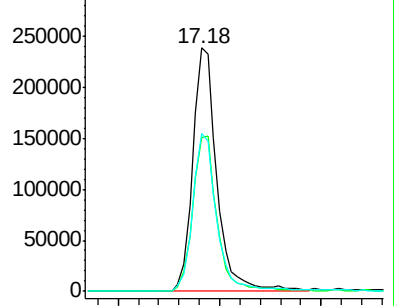
264 64.6 50.6 75.8



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: 50.03 ng

RT: 17.58 min Scan# 2509

Delta R.T. -0.02 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

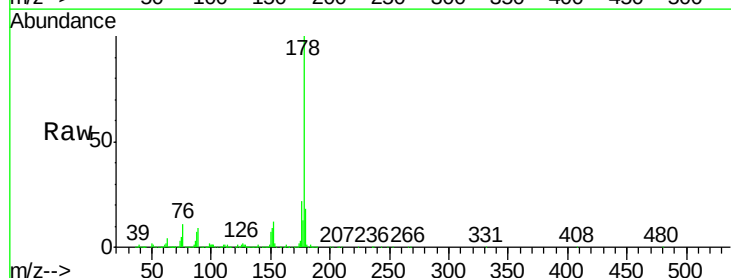
Tgt Ion:178 Resp: 1564907

Ion Ratio Lower Upper

178 100

176 21.7 16.8 25.2

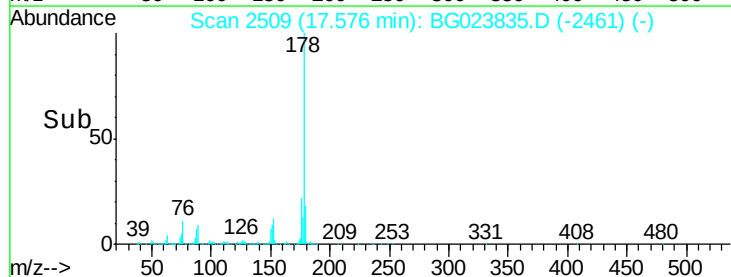
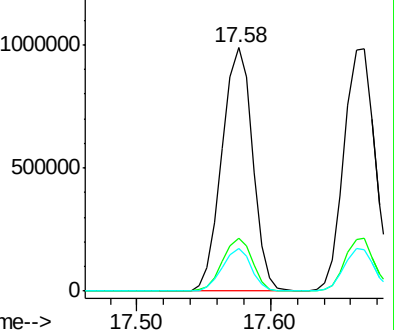
179 17.6 14.3 21.5

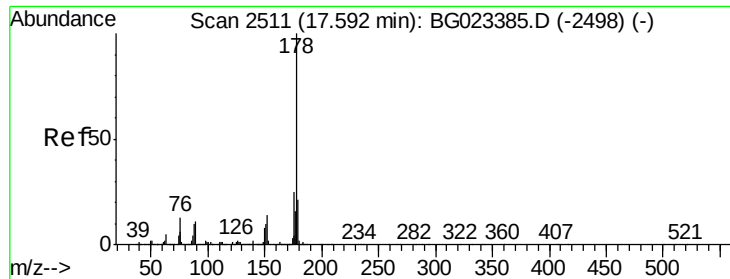


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

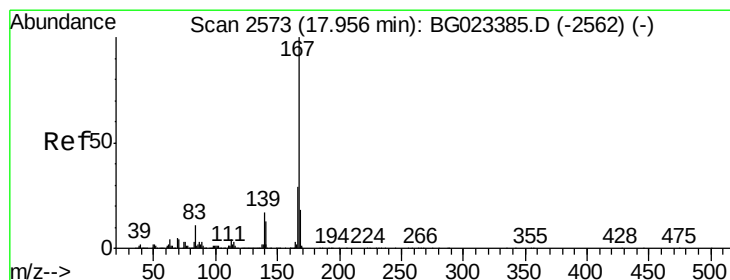
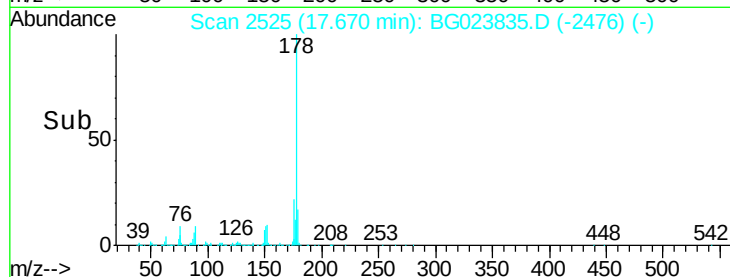
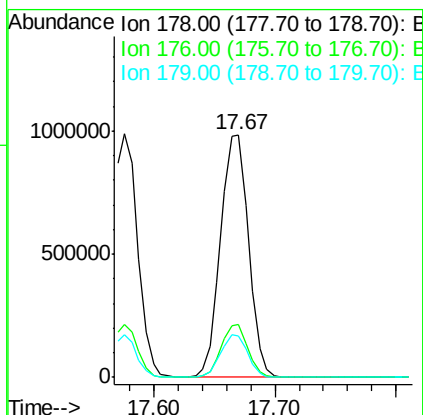
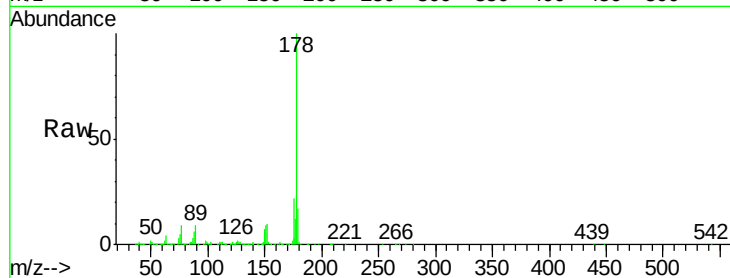




#71
 Anthracene
 Concen: 50.19 ng
 RT: 17.67 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG023835.D
 Acq: 22 Aug 2016 16:14

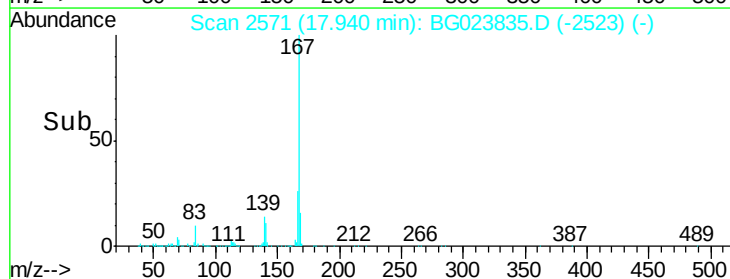
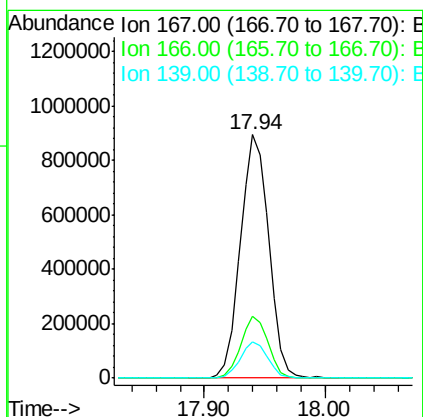
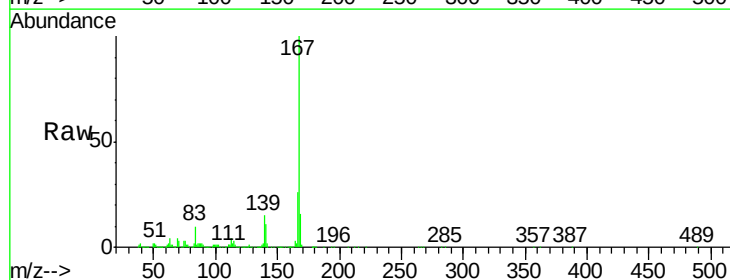
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

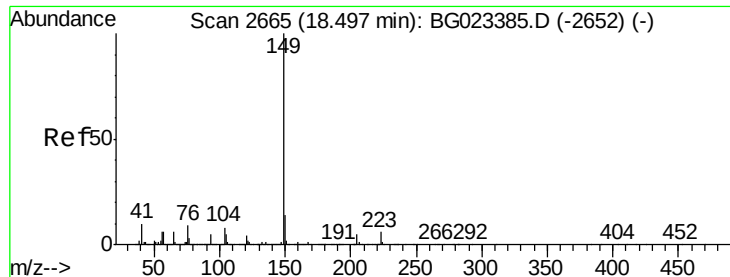
Tot Ion:178 Resp: 1578809
 Ion Ratio Lower Upper
 178 100
 176 21.9 17.3 25.9
 179 17.3 14.0 21.0



#72
 Carbazole
 Concen: 53.03 ng
 RT: 17.94 min Scan# 2571
 Delta R.T. -0.02 min
 Lab File: BG023835.D
 Acq: 22 Aug 2016 16:14

Tgt Ion:167 Resp: 1464777
 Ion Ratio Lower Upper
 167 100
 166 25.5 20.7 31.1
 139 14.6 11.9 17.9

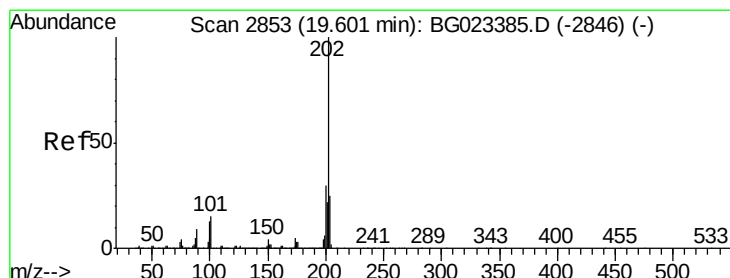
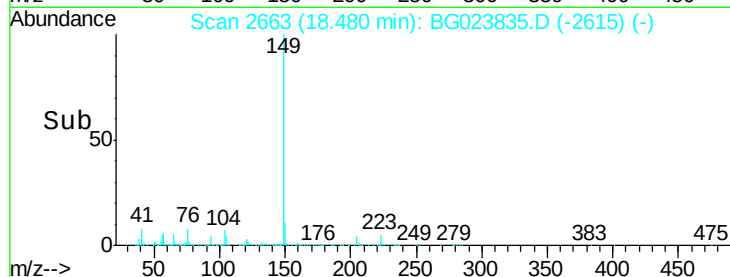
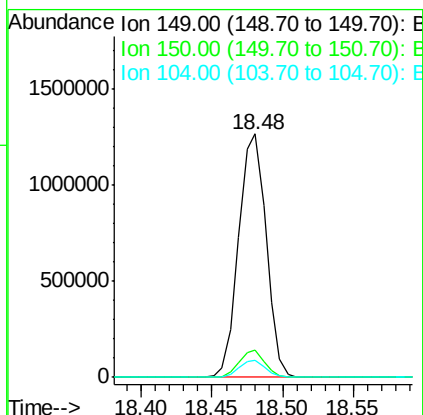
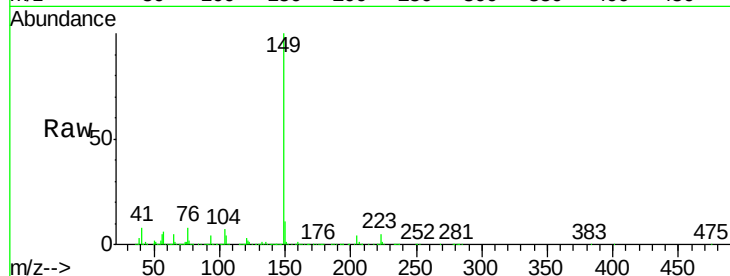




#73
Di-n-butylphthalate
Concen: 64.92 ng
RT: 18.48 min Scan# 2663
Delta R.T. -0.02 min
Lab File: BG023385.D
Acq: 22 Aug 2016 16:14

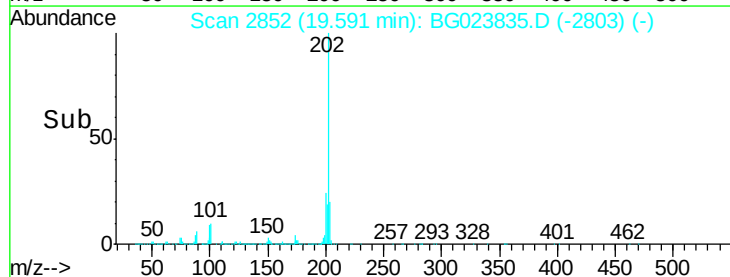
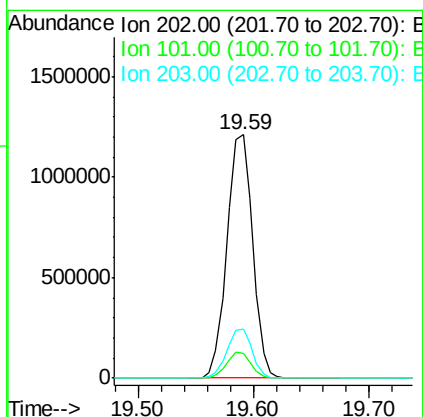
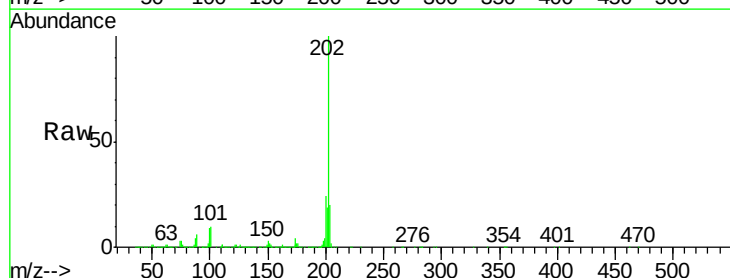
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

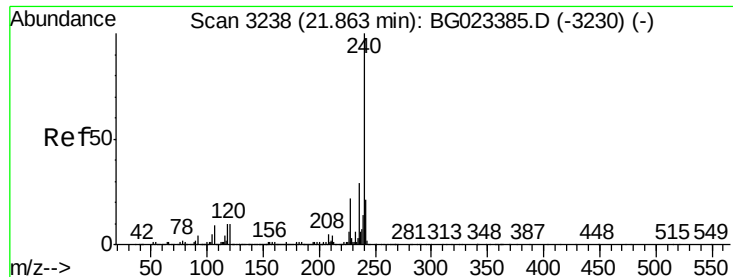
Tot Ion:149 Resp: 1723318
Ion Ratio Lower Upper
149 100
150 11.0 9.1 13.7
104 7.1 6.9 10.3



#74
Fluoranthene
Concen: 67.75 ng
RT: 19.59 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BG023385.D
Acq: 22 Aug 2016 16:14

Tgt Ion:202 Resp: 1864994
Ion Ratio Lower Upper
202 100
101 10.4 0.0 27.4
203 20.2 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. -0.02 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

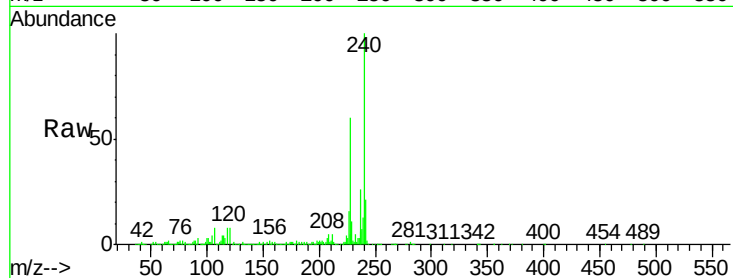
Tot Ion:240 Resp: 688108

Ion Ratio Lower Upper

240 100

120 7.8 4.1 6.1#

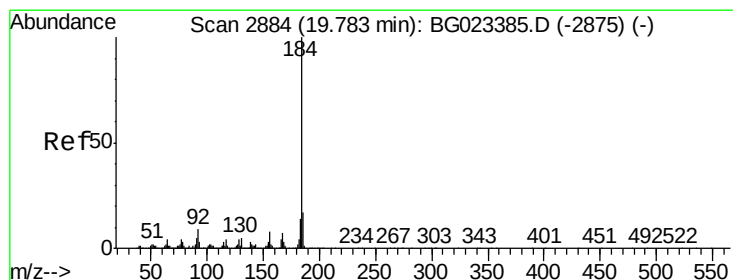
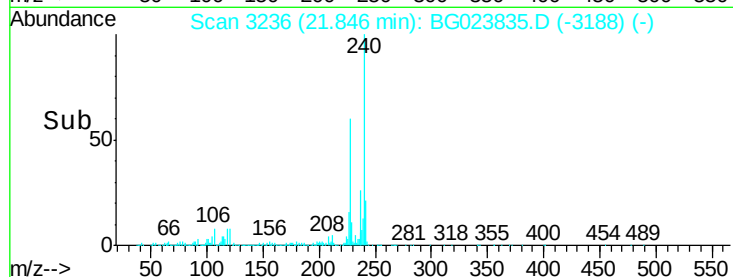
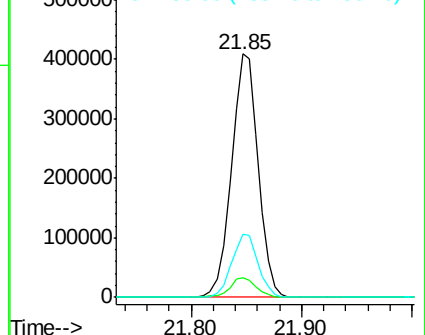
236 26.1 21.1 31.7



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: 27.16 ng

RT: 19.77 min Scan# 2882

Delta R.T. -0.02 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

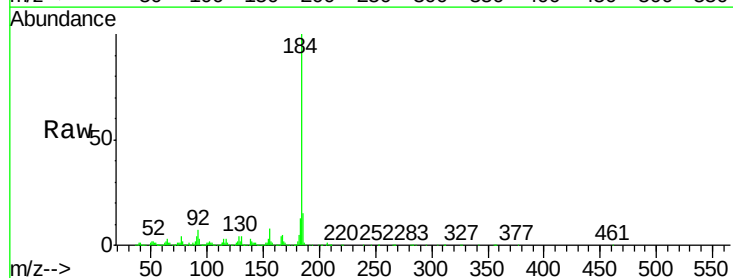
Tgt Ion:184 Resp: 519581

Ion Ratio Lower Upper

184 100

185 14.7 12.6 19.0

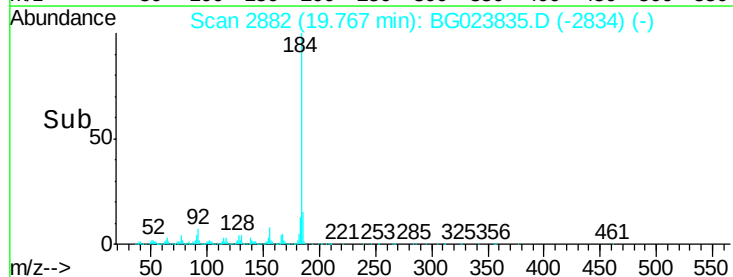
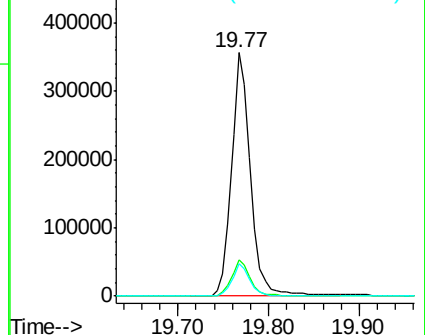
183 13.1 10.7 16.1

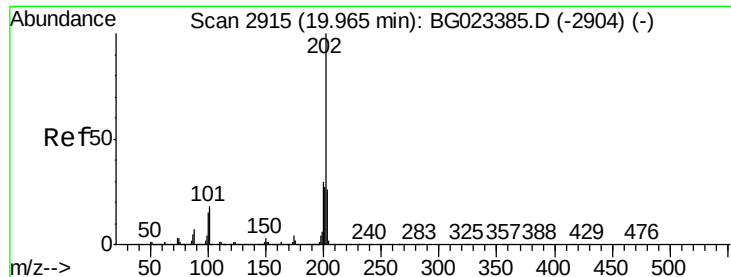


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.61 ng

RT: 19.95 min Scan# 2913

Delta R.T. -0.02 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

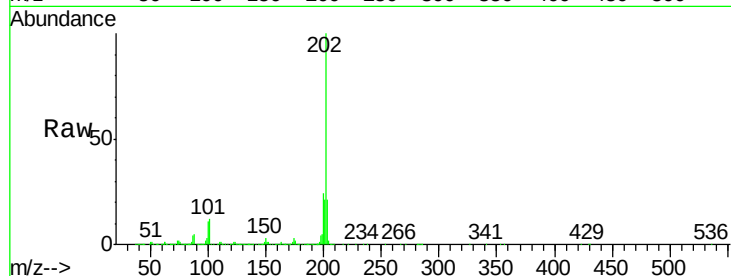
Tot Ion:202 Resp: 1866547

Ion Ratio Lower Upper

202 100

200 24.4 21.2 31.8

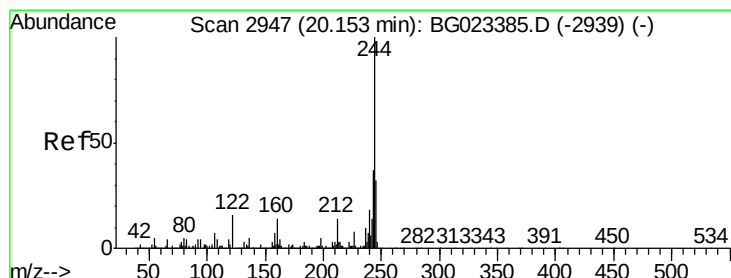
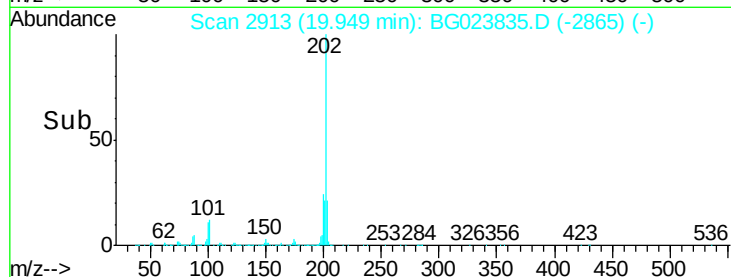
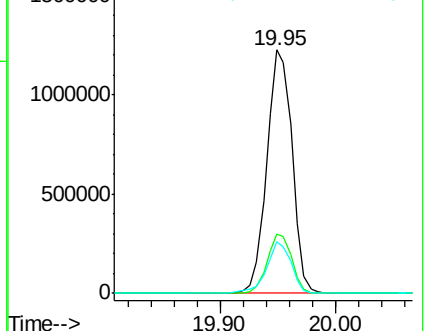
203 21.1 16.8 25.2



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: 112.41 ng

RT: 20.14 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BG023835.D

Acq: 22 Aug 2016 16:14

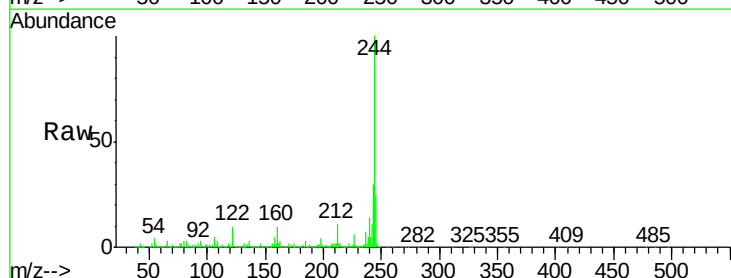
Tgt Ion:244 Resp: 2336001

Ion Ratio Lower Upper

244 100

212 11.4 10.8 16.2

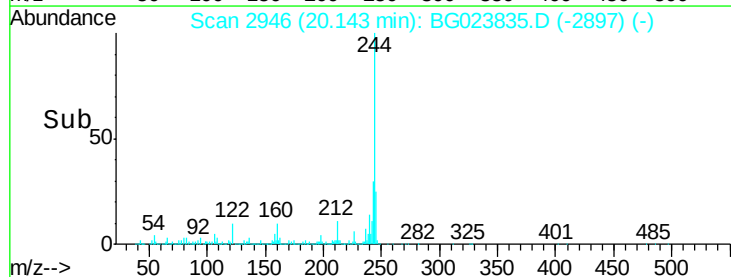
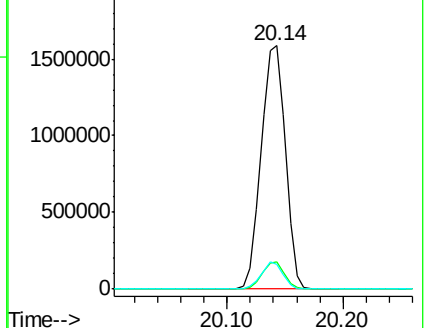
122 10.3 8.0 12.0

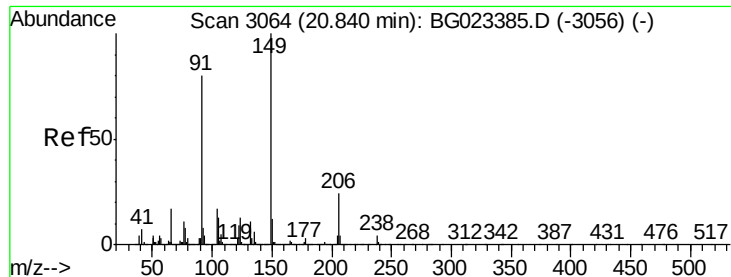


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

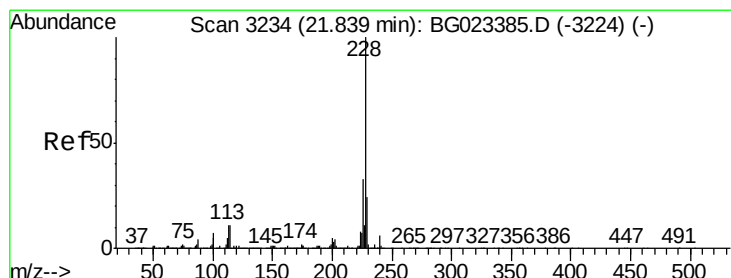
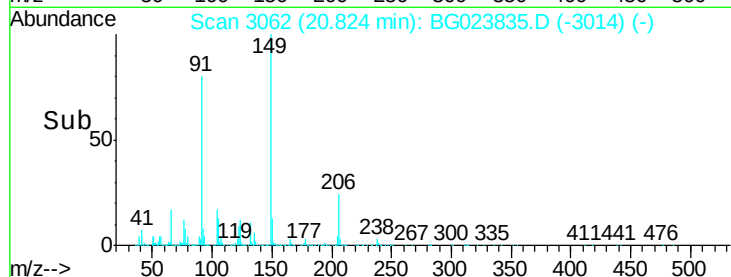
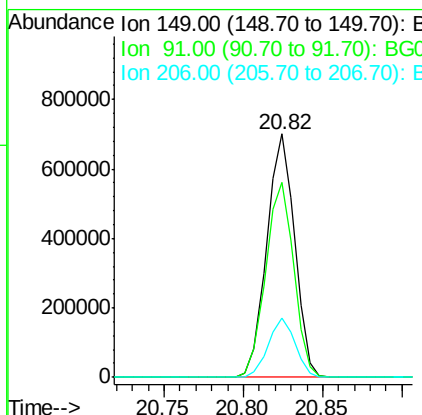
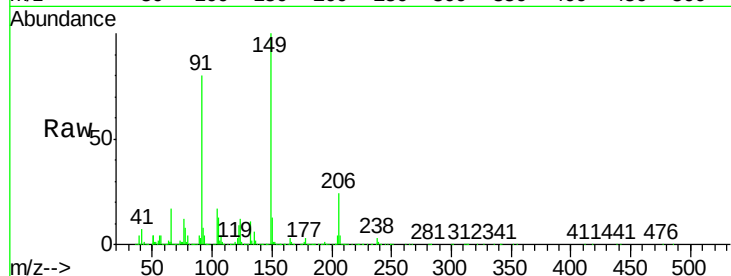




#79
Butylbenzylphthalate
Concen: 52.04 ng
RT: 20.82 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BG023385.D
Acq: 22 Aug 2016 16:14

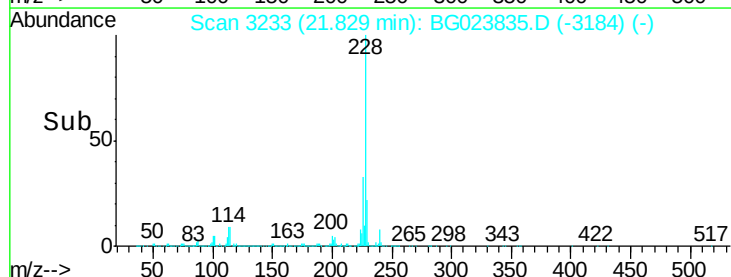
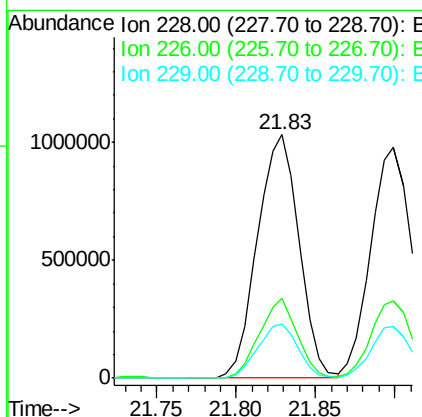
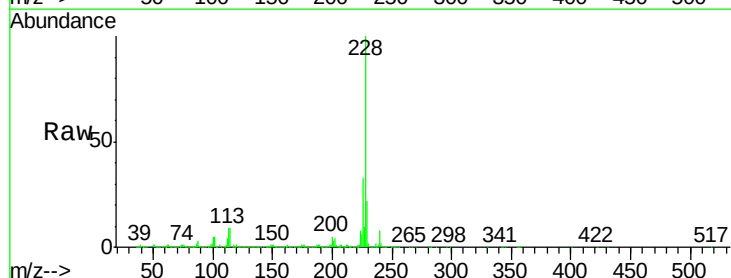
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

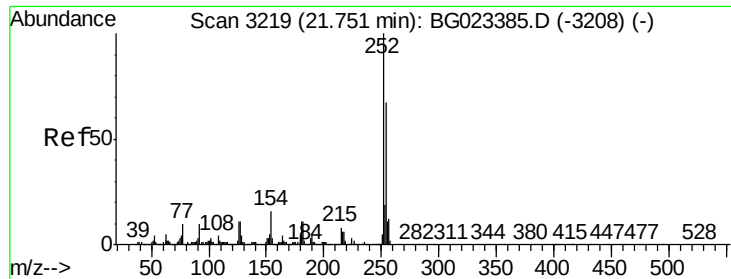
Tot Ion:149 Resp: 862217
Ion Ratio Lower Upper
149 100
91 80.3 68.1 102.1
206 24.4 19.8 29.6



#80
Benzo(a)anthracene
Concen: 49.53 ng
RT: 21.83 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BG023385.D
Acq: 22 Aug 2016 16:14

Tgt Ion:228 Resp: 1881436
Ion Ratio Lower Upper
228 100
226 32.9 25.3 37.9
229 22.2 19.9 29.9

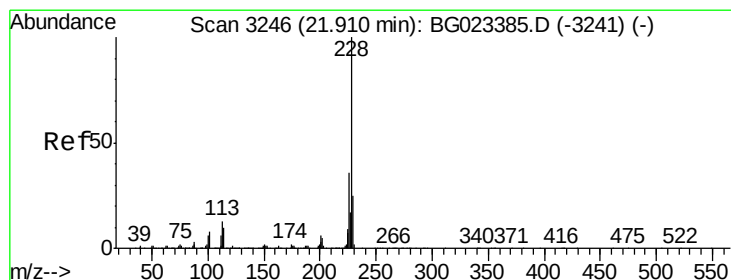
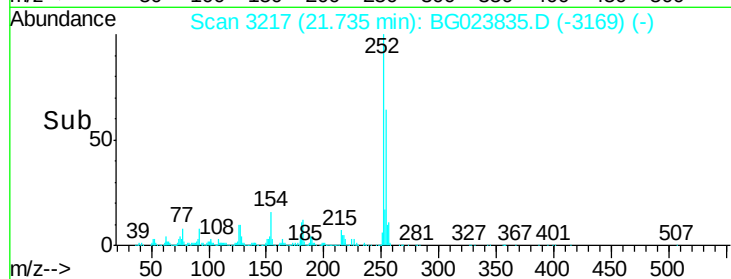
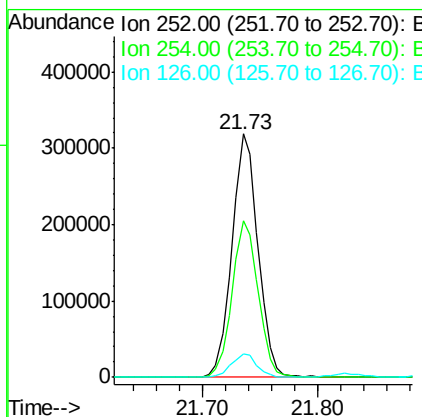
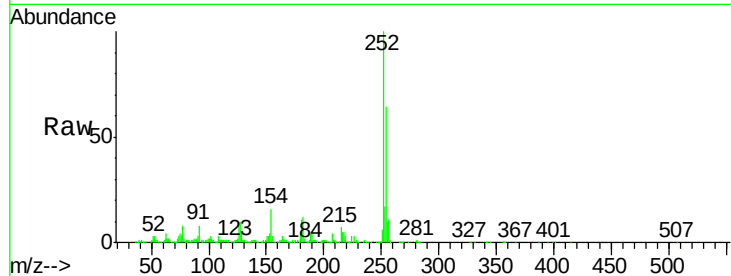




#81
 3,3'-Dichlorobenzidine
 Concen: 31.84 ng
 RT: 21.73 min Scan# 3217
 Delta R.T. -0.02 min
 Lab File: BG023835.D
 Acq: 22 Aug 2016 16:14

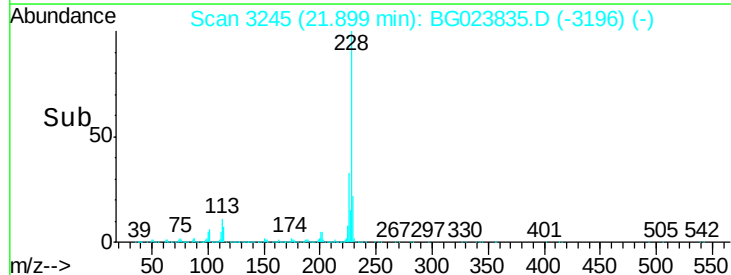
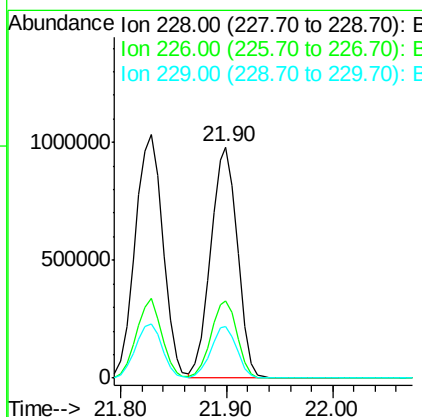
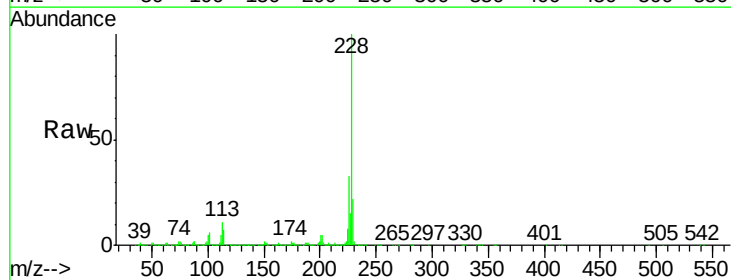
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

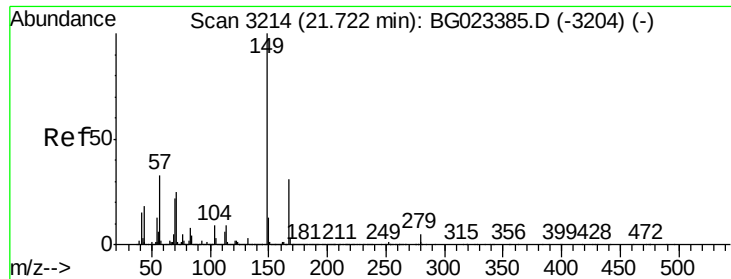
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.2	76.8
126	9.7	5.3	7.9



#82
 Chrysene
 Concen: 47.90 ng
 RT: 21.90 min Scan# 3245
 Delta R.T. -0.01 min
 Lab File: BG023835.D
 Acq: 22 Aug 2016 16:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.3	26.7	40.1
229	22.1	17.4	26.2

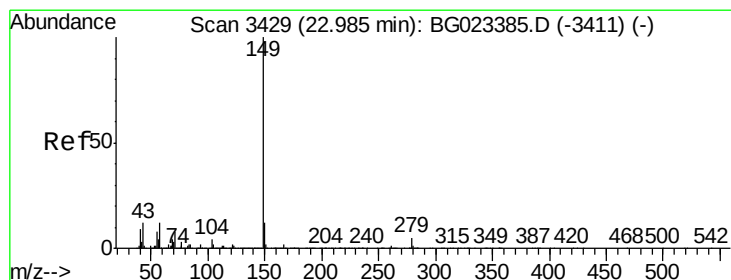
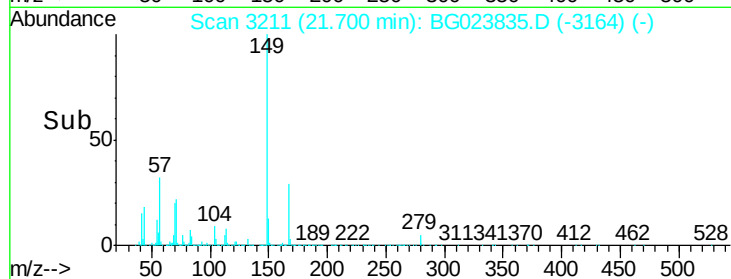
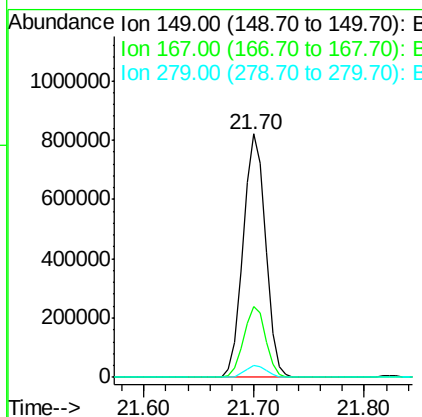
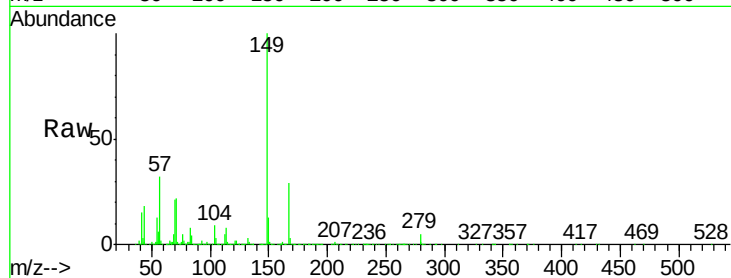




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.64 ng
 RT: 21.70 min Scan# 3211
 Delta R.T. -0.02 min
 Lab File: BG023835.D
 Acq: 22 Aug 2016 16:14

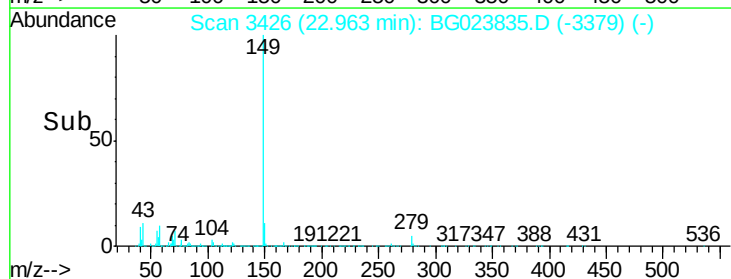
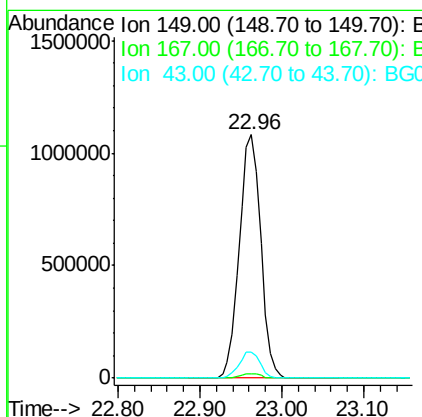
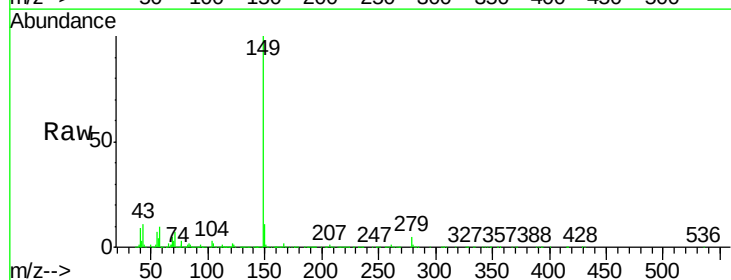
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

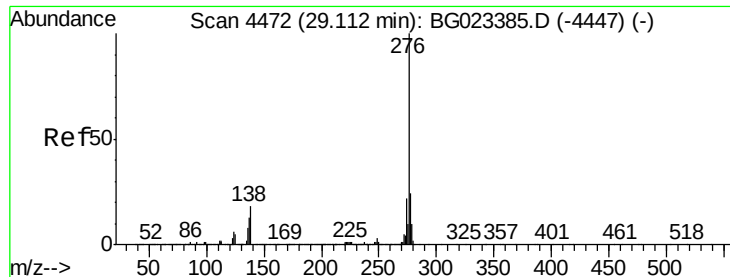
Tot Ion:149 Resp: 1171586
 Ion Ratio Lower Upper
 149 100
 167 29.0 24.0 36.0
 279 4.8 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 50.89 ng
 RT: 22.96 min Scan# 3426
 Delta R.T. -0.02 min
 Lab File: BG023835.D
 Acq: 22 Aug 2016 16:14

Tgt Ion:149 Resp: 1970751
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.5 2.3
 43 10.5 8.8 13.2

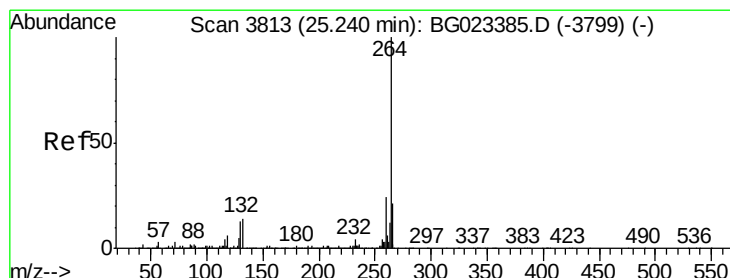
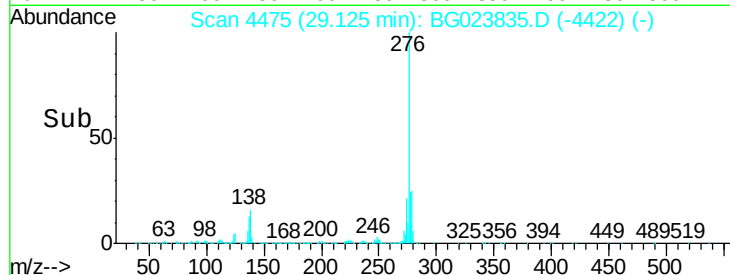
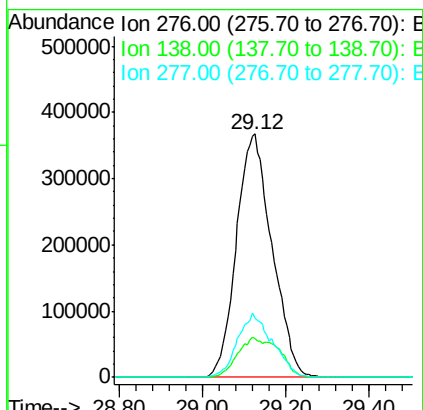
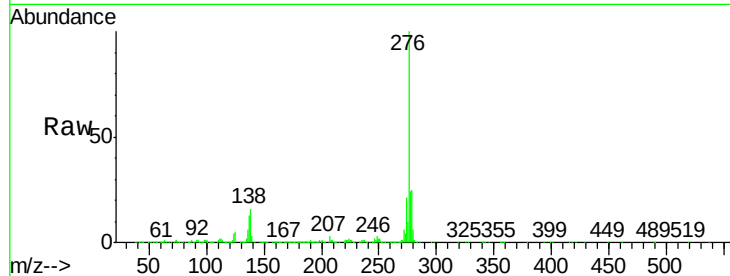




#85
Indeno(1,2,3-cd)pyrene
Concen: 48.19 ng
RT: 29.12 min Scan# 4475
Delta R.T. 0.01 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

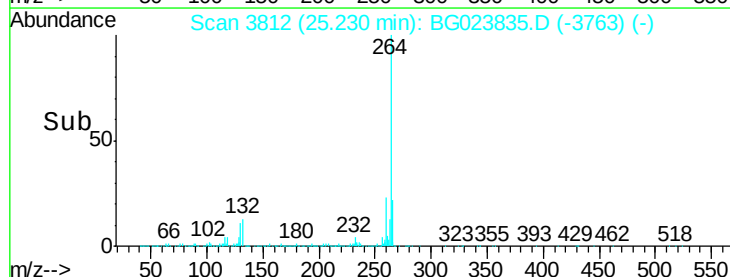
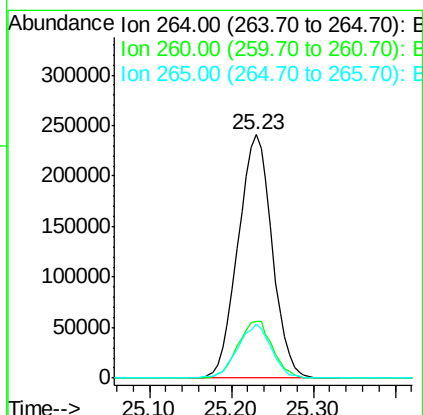
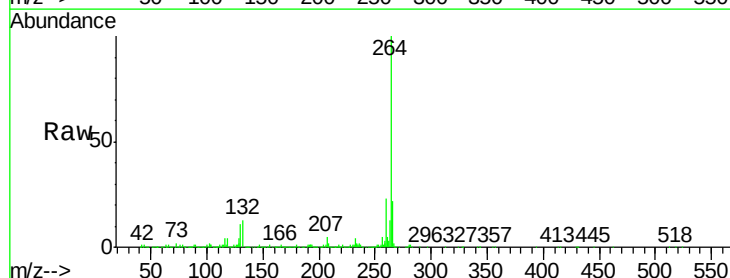
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

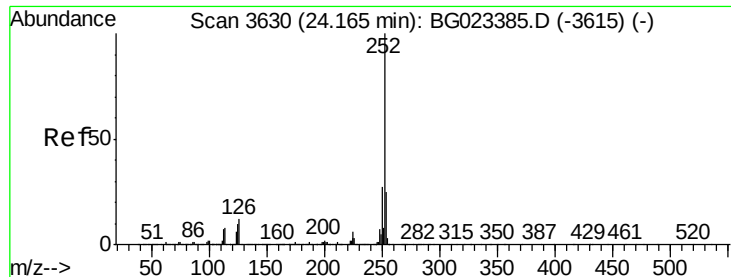
Tot Ion:276 Resp: 2176006
Ion Ratio Lower Upper
276 100
138 11.0 0.0 0.0#
277 25.9 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3812
Delta R.T. -0.01 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

Tgt Ion:264 Resp: 697708
Ion Ratio Lower Upper
264 100
260 23.2 18.4 27.6
265 22.0 18.9 28.3

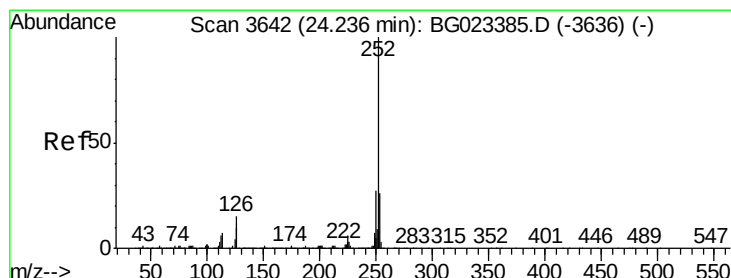
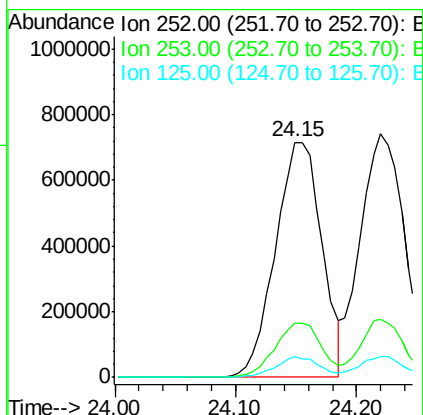
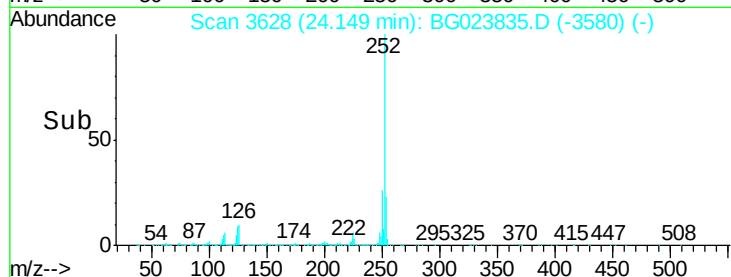
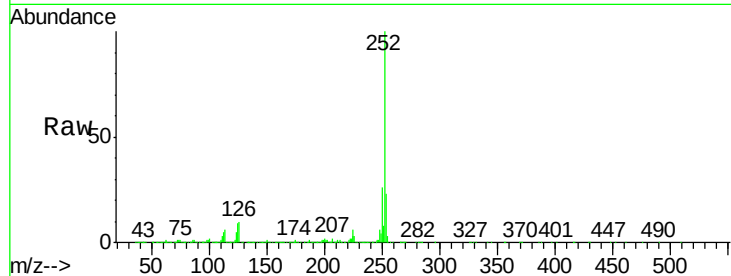




#87
Benzo(b)fluoranthene
Concen: 48.39 ng
RT: 24.15 min Scan# 3628
Delta R.T. -0.02 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

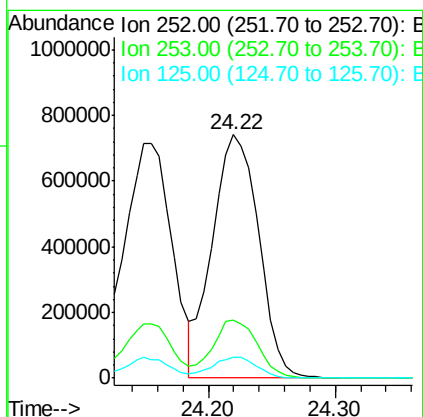
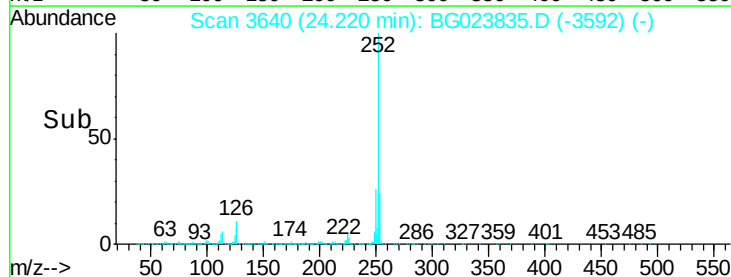
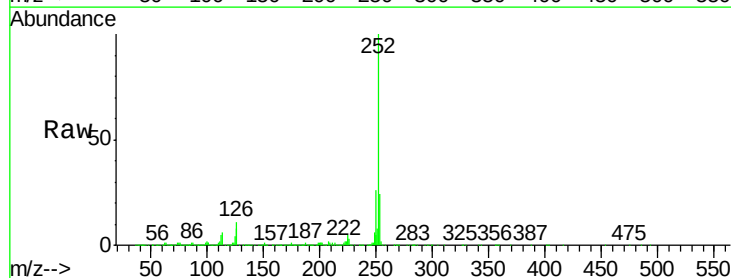
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

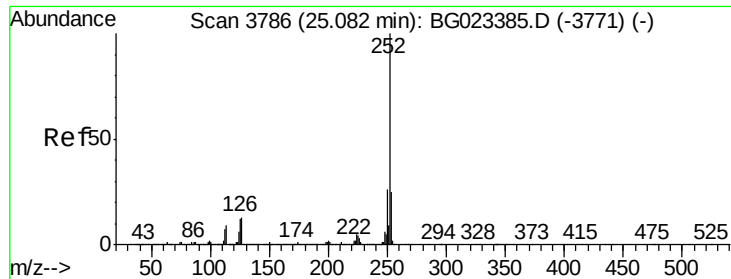
Tot Ion:252 Resp: 1899763
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 9.0 3.9 5.9#



#88
Benzo(k)fluoranthene
Concen: 49.75 ng
RT: 24.22 min Scan# 3640
Delta R.T. -0.02 min
Lab File: BG023835.D
Acq: 22 Aug 2016 16:14

Tgt Ion:252 Resp: 1875816
Ion Ratio Lower Upper
252 100
253 23.6 18.8 28.2
125 8.4 3.2 4.8#

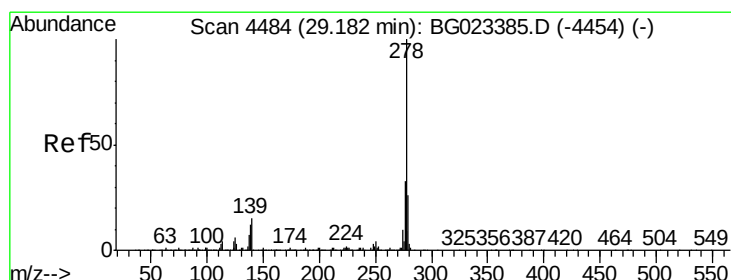
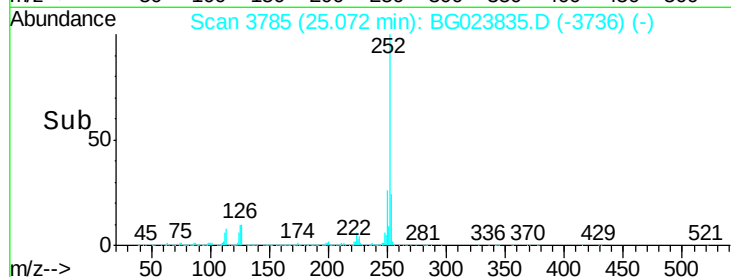
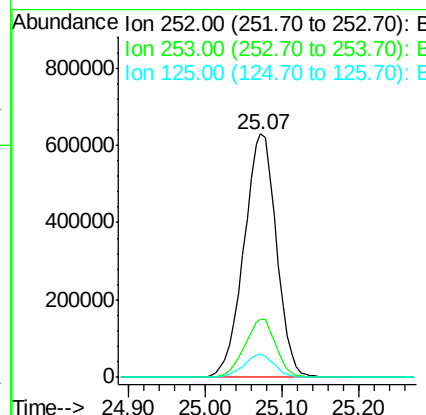
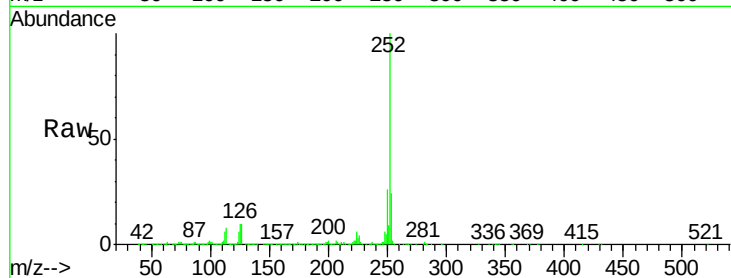




#89
Benzo(a)pyrene
Concen: 49.78 ng
RT: 25.07 min Scan# 3785
Delta R.T. -0.01 min
Lab File: BG023385.D
Acq: 22 Aug 2016 16:14

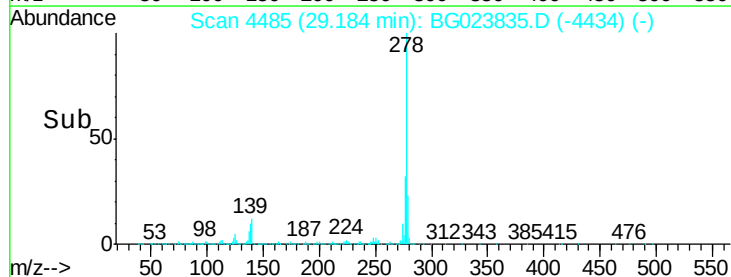
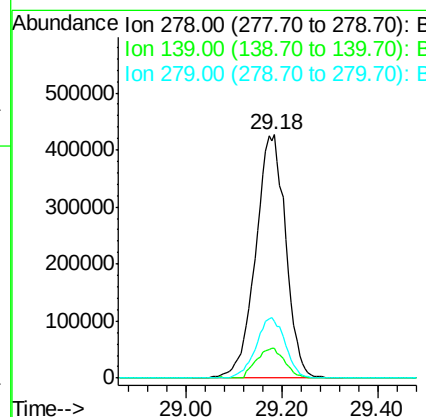
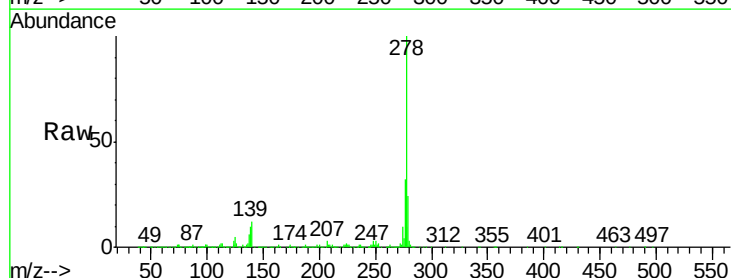
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

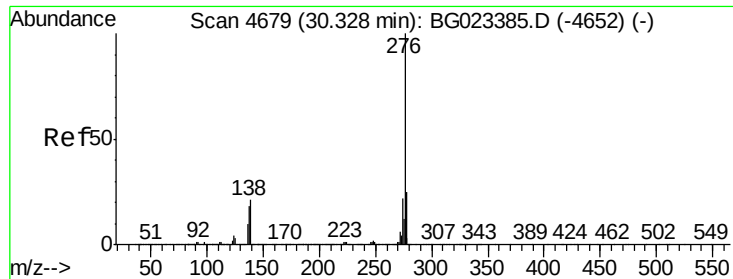
Tot Ion:252 Resp: 1858422
Ion Ratio Lower Upper
252 100
253 23.7 18.7 28.1
125 9.7 3.9 5.9#



#90
Dibenzo(a,h)anthracene
Concen: 48.70 ng
RT: 29.18 min Scan# 4485
Delta R.T. 0.00 min
Lab File: BG023385.D
Acq: 22 Aug 2016 16:14

Tgt Ion:278 Resp: 1857238
Ion Ratio Lower Upper
278 100
139 12.1 4.7 7.1#
279 23.5 18.3 27.5





#91
 Benzo(a,h,i)perylene
 Concen: 47.43 ng
 RT: 30.34 min Scan# 4681
 Delta R.T. 0.01 min
 Lab File: BG023835.D
 Acq: 22 Aug 2016 16:14

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

Tot Ion:276 Resp: 1821737

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	27.8
138	16.7	6.8	10.2

