

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082216\
 Data File : BG023843.D
 Acq On : 22 Aug 2016 21:15
 Operator : UM/SJ
 Sample : H4500-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Aug 23 00:56:59 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	133901	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	534826	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	342039	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	791092	20.00	ng	-0.01
75) Chrysene-d12	21.85	240	873392	20.00	ng	-0.01
86) Perylene-d12	25.23	264	870757	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	348606	43.82	ng	-0.03
7) Phenol-d6	7.25	99	526858	42.52	ng	-0.03
23) Nitrobenzene-d5	9.27	82	793381	73.75	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	242776	48.53	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1526287	75.26	ng	-0.02
78) Terphenyl-d14	20.14	244	2287281	81.07	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	85703	25.29	ng	# 91
3) Pyridine	3.91	79	265937	23.88	ng	93
4) n-Nitrosodimethylamine	3.82	42	138087	33.44	ng	# 89
6) Aniline	7.41	93	413543	23.10	ng	96
8) 2-Chlorophenol	7.66	128	140327	15.36	ng	96
9) Benzaldehyde	7.23	77	107112	12.18	ng	95
10) Phenol	7.28	94	196509	14.83	ng	88
11) bis(2-Chloroethyl)ether	7.50	93	317703	30.05	ng	91
12) 1,3-Dichlorobenzene	7.98	146	303860	29.04	ng	93
13) 1,4-Dichlorobenzene	8.13	146	318497	29.74	ng	92
14) 1,2-Dichlorobenzene	8.45	146	305825	29.11	ng	# 91
15) Benzyl Alcohol	8.34	79	351607	37.45	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	446925	28.74	ng	90
17) 2-Methylphenol	8.55	107	166108	18.69	ng	# 90
18) Hexachloroethane	9.18	117	121761	30.20	ng	98
19) n-Nitroso-di-n-propylamine	8.90	70	315134	29.57	ng	98
20) 3+4-Methylphenols	8.88	107	214085	17.09	ng	93
22) Acetophenone	8.92	105	446619	30.50	ng	# 95
24) Nitrobenzene	9.32	77	443391	37.22	ng	# 91
25) Isophorone	9.83	82	786939	35.12	ng	# 96
26) 2-Nitrophenol	10.03	139	81556	16.22	ng	# 85
27) 2,4-Dimethylphenol	10.09	122	230904	26.97	ng	88
28) bis(2-Chloroethoxy)methane	10.32	93	467561	34.71	ng	99
29) 2,4-Dichlorophenol	10.58	162	161182	18.72	ng	95
30) 1,2,4-Trichlorobenzene	10.79	180	327666	35.29	ng	99
31) Naphthalene	10.98	128	918698	33.73	ng	98
32) Benzoic acid	10.09	122	230904	31.81	ng	# 10
33) 4-Chloroaniline	11.09	127	271898	20.88	ng	94
34) Hexachlorobutadiene	11.26	225	223265	36.57	ng	97
35) Caprolactam	11.87	113	91840	25.36	ng	93
36) 4-Chloro-3-methylphenol	12.23	107	217997	19.28	ng	91
37) 2-Methylnaphthalene	12.81	142	651229	31.45	ng	91
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	350635	28.27	ng	99
40) Hexachlorocyclopentadiene	12.92	237	232156	37.12	ng	97

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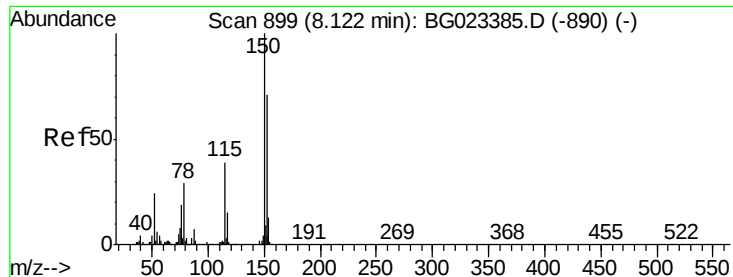
Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Aug 23 00:56:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.20	196	131204	17.76	ng	99
43) 2,4,5-Trichlorophenol	13.28	196	137304	18.05	ng	# 92
45) 1,1'-Biphenyl	13.59	154	846721	32.38	ng	99
46) 2-Chloronaphthalene	13.64	162	734848	36.33	ng	97
47) 2-Nitroaniline	13.85	65	309684	36.87	ng	95
48) Acenaphthylene	14.49	152	1142337	35.73	ng	100
49) Dimethylphthalate	14.22	163	1230922	46.91	ng	98
50) 2,6-Dinitrotoluene	14.35	165	224400	36.11	ng	88
51) Acenaphthene	14.83	154	726080	35.85	ng	98
52) 3-Nitroaniline	14.68	138	153258	21.87	ng	# 78
53) 2,4-Dinitrophenol	14.91	184	23689	5.95	ng	# 85
54) Dibenzofuran	15.17	168	1157587	39.36	ng	95
55) 4-Nitrophenol	15.00	139	137223	24.93	ng	# 88
56) 2,4-Dinitrotoluene	15.14	165	321407	36.85	ng	# 95
57) Fluorene	15.82	166	942189	36.71	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	131450	18.83	ng	93
59) Diethylphthalate	15.57	149	1022189	38.37	ng	99
60) 4-Chlorophenyl-phenylether	15.80	204	479464	35.30	ng	97
61) 4-Nitroaniline	15.85	138	238671	31.99	ng	# 69
62) Azobenzene	16.10	77	1127021	41.74	ng	92
64) 4,6-Dinitro-2-methylphenol	15.91	198	45727	8.50	ng	98
65) n-Nitrosodiphenylamine	16.03	169	865813	37.31	ng	95
66) 4-Bromophenyl-phenylether	16.71	248	335315	36.37	ng	97
67) Hexachlorobenzene	16.83	284	359195	35.61	ng	97
68) Atrazine	16.98	200	352159	39.52	ng	97
69) Pentachlorophenol	17.19	266	139405	23.70	ng	98
70) Phenanthrene	17.57	178	1529967	38.11	ng	98
71) Anthracene	17.67	178	1574122	38.99	ng	99
72) Carbazole	17.94	167	1463241	41.27	ng	99
73) Di-n-butylphthalate	18.48	149	1720368	48.44	ng	98
74) Fluoranthene	19.59	202	1857112	50.19	ng	95
76) Benzidine	19.77	184	2190372	90.22	ng	# 93
77) Pyrene	19.95	202	1855912	35.70	ng	99
79) Butylbenzylphthalate	20.83	149	850030	40.42	ng	93
80) Benzo(a)anthracene	21.82	228	1824981	37.85	ng	98
81) 3,3'-Dichlorobenzidine	21.74	252	443812	22.44	ng	# 96
82) Chrysene	21.89	228	1719482	37.49	ng	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1163249	40.39	ng	98
84) Di-n-octyl phthalate	22.96	149	1965194	39.98	ng	99
85) Indeno(1,2,3-cd)pyrene	29.11	276	2124956	37.07	ng	# 100
87) Benzo(b)fluoranthene	24.15	252	1905227	38.89	ng	# 98
88) Benzo(k)fluoranthene	24.22	252	1772069	37.66	ng	# 97
89) Benzo(a)pyrene	25.07	252	1823573	39.14	ng	# 96
90) Dibenzo(a,h)anthracene	29.17	278	1802022	37.86	ng	# 93
91) Benzo(g,h,i)perylene	30.32	276	1756900	36.66	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.03 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

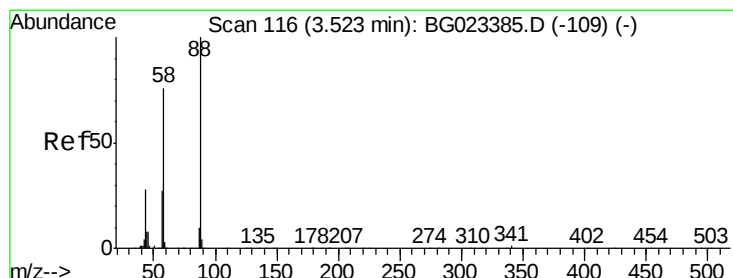
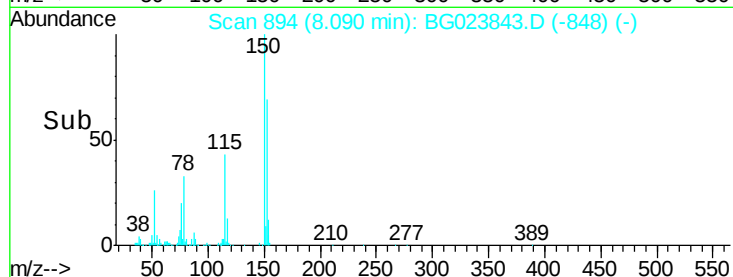
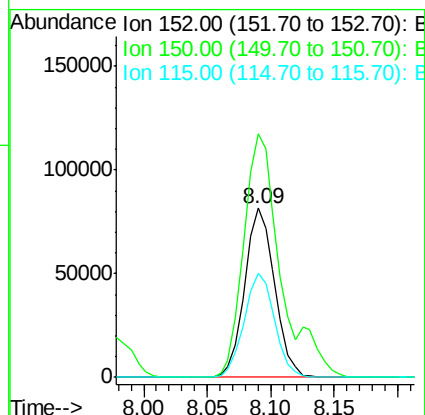
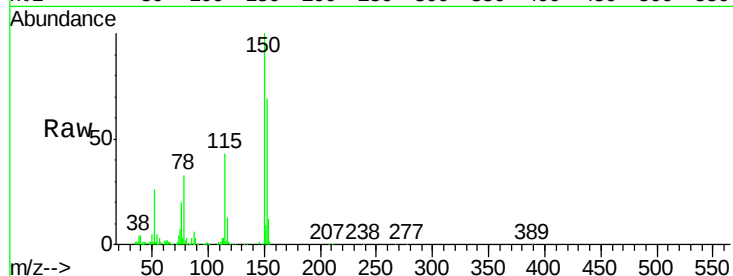
Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

Tgt Ion:	152	Resp:	133901
Ion	Ratio	Lower	Upper
152	100		
150	143.9	144.7	217.1#
115	61.9	64.0	96.0#



#2

1,4-Dioxane

Concen: 25.29 ng

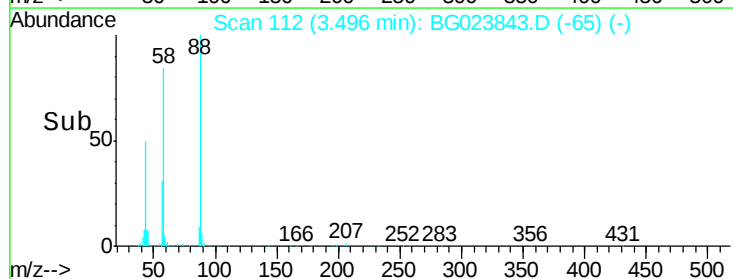
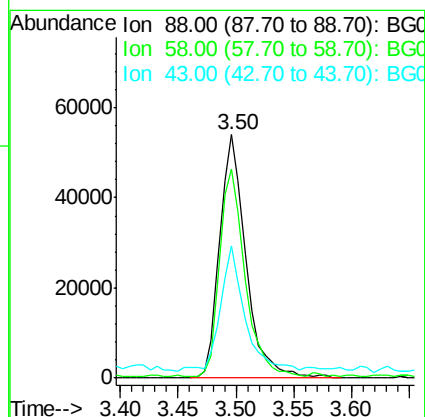
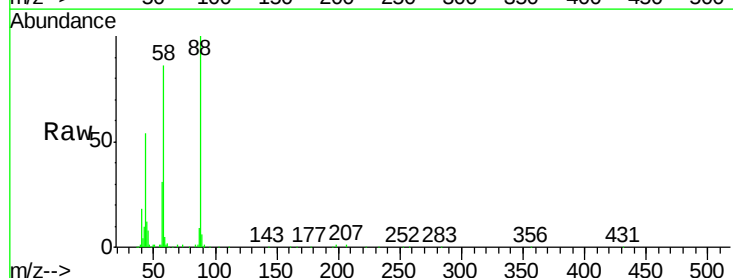
RT: 3.50 min Scan# 112

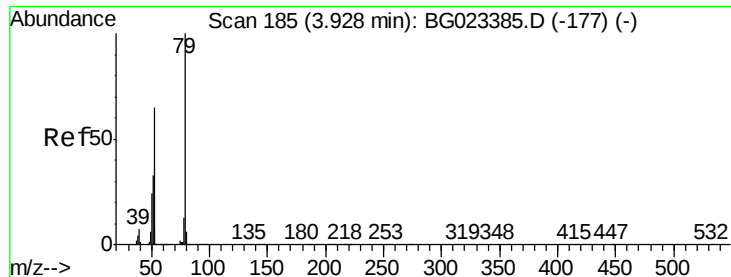
Delta R.T. -0.03 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Tgt Ion:	88	Resp:	85703
Ion	Ratio	Lower	Upper
88	100		
58	81.1	60.4	90.6
43	47.3	31.1	46.7#





#3

Pyridine

Concen: 23.88 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.02 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

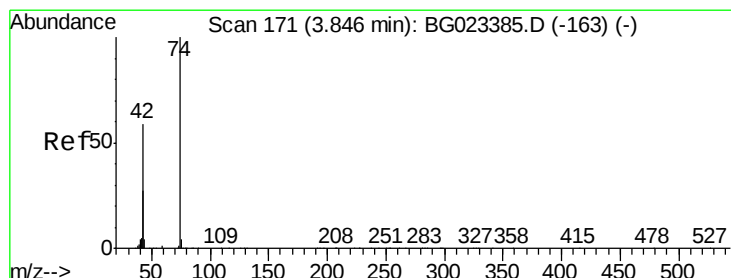
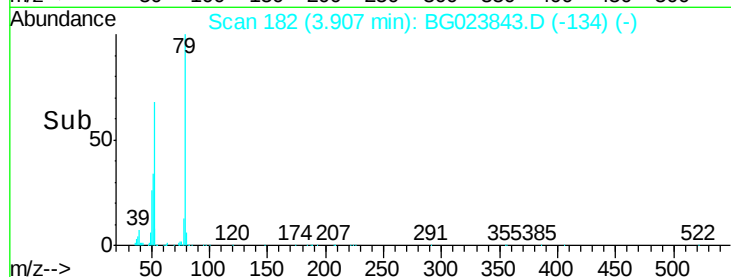
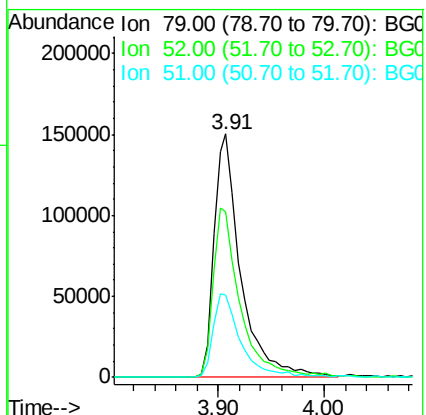
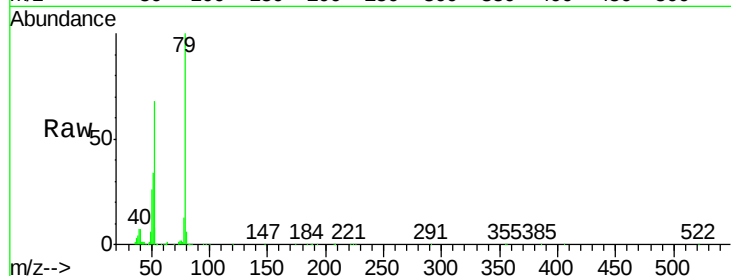
Tgt Ion: 79 Resp: 265937

Ion Ratio Lower Upper

79 100

52 68.2 51.8 77.8

51 34.0 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 33.44 ng

RT: 3.82 min Scan# 167

Delta R.T. -0.03 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

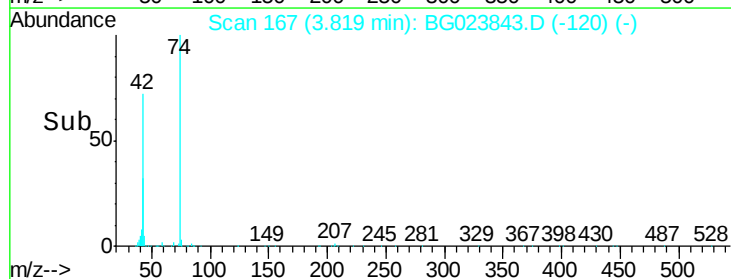
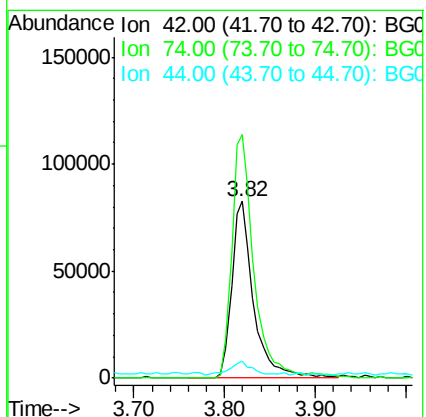
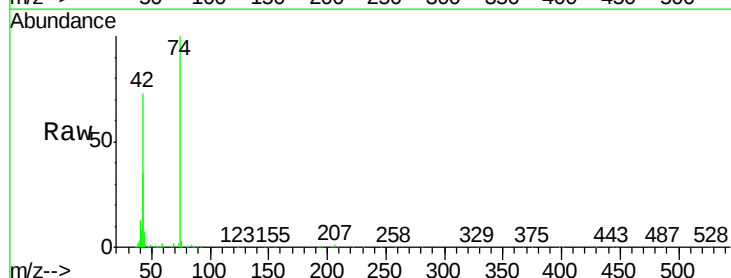
Tgt Ion: 42 Resp: 138087

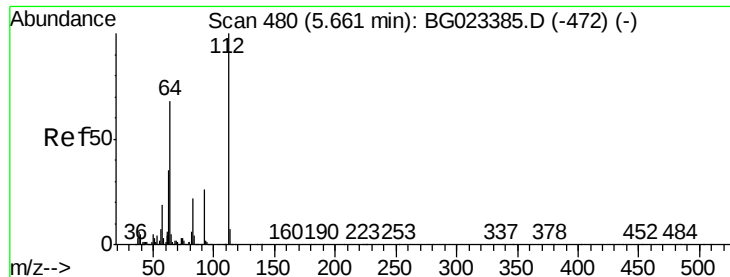
Ion Ratio Lower Upper

42 100

74 137.6 100.6 150.8

44 10.0 4.5 6.7#





#5

2-Fluorophenol

Concen: 43.82 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.03 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

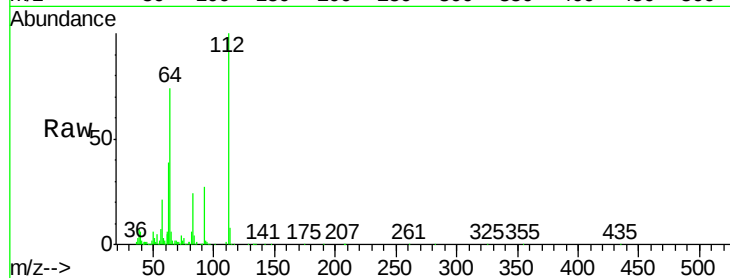
Tgt Ion: 112 Resp: 348606

Ion Ratio Lower Upper

112 100

64 73.9 59.0 88.4

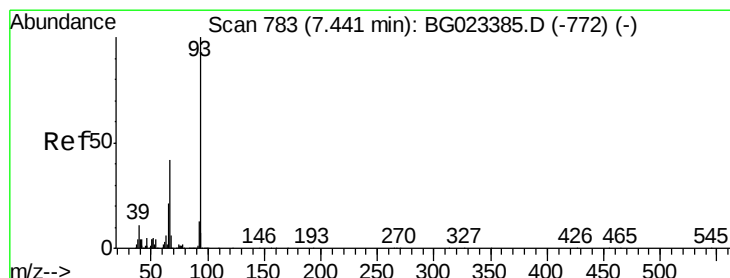
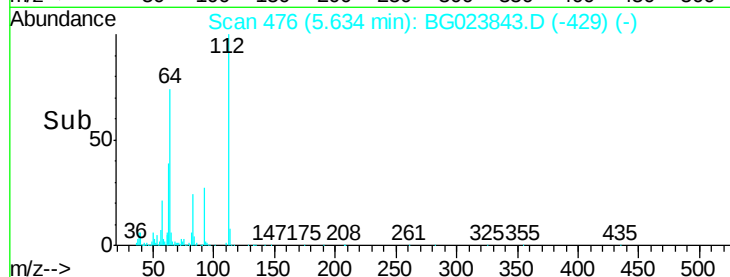
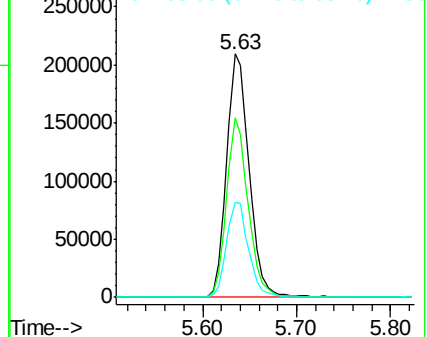
63 38.9 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.10 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.03 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

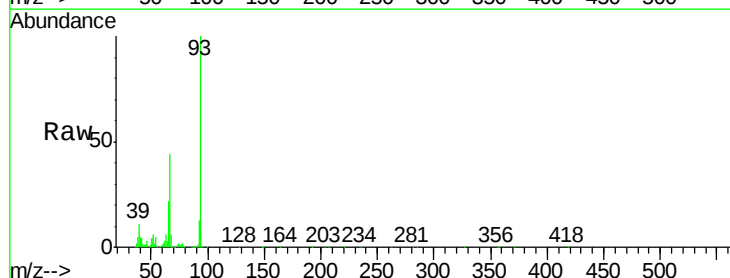
Tgt Ion: 93 Resp: 413543

Ion Ratio Lower Upper

93 100

66 44.0 37.5 56.3

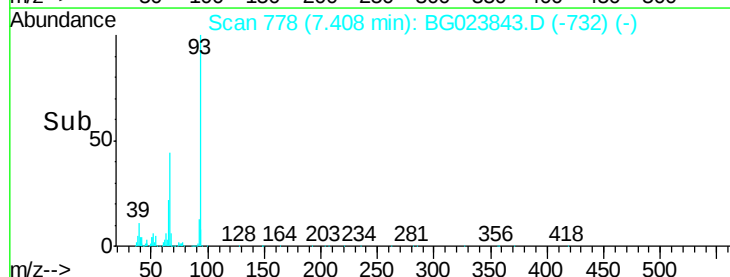
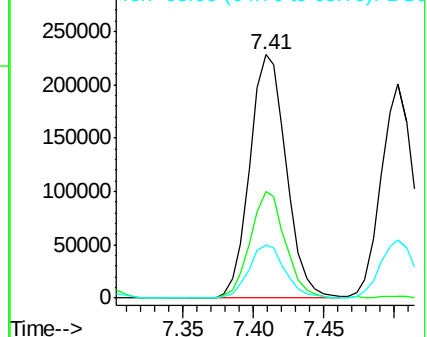
65 21.6 17.9 26.9

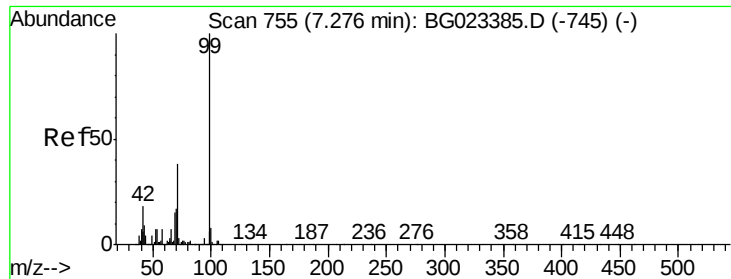


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 42.52 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023843.D

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Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

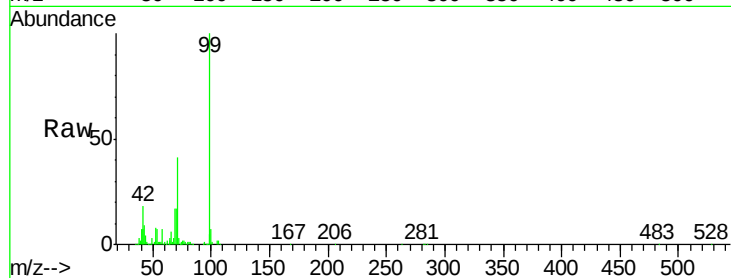
Tgt Ion: 99 Resp: 526858

Ion Ratio Lower Upper

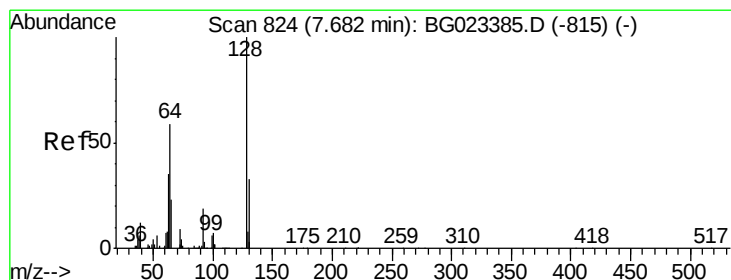
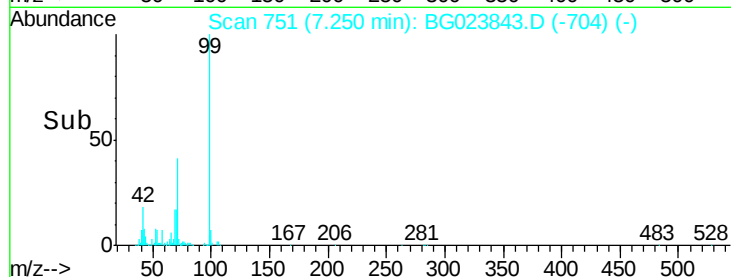
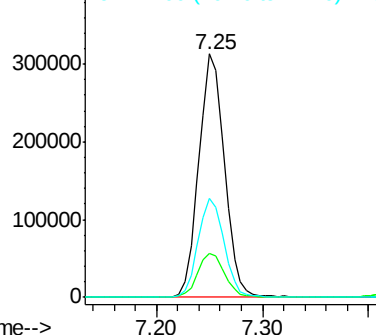
99 100

42 18.1 17.8 26.6

71 40.7 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: 15.36 ng

RT: 7.66 min Scan# 820

Delta R.T. -0.03 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

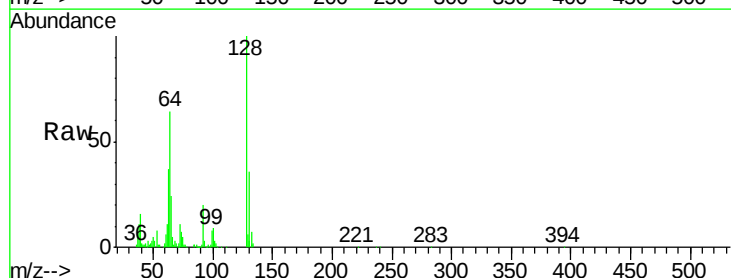
Tgt Ion: 128 Resp: 140327

Ion Ratio Lower Upper

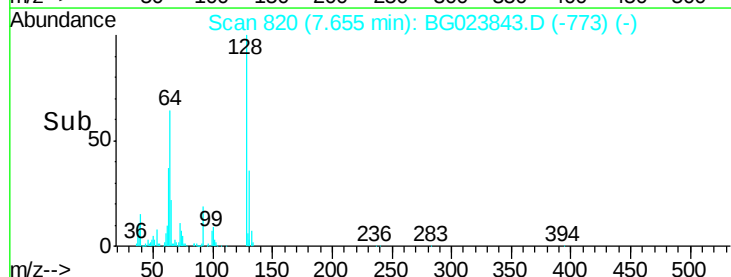
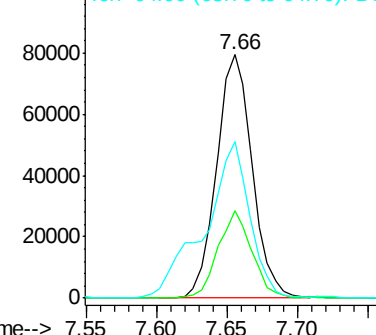
128 100

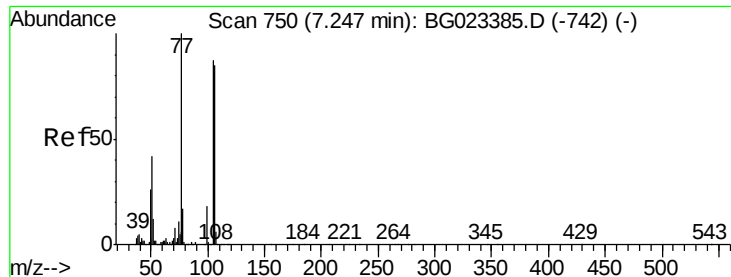
130 35.9 12.9 52.9

64 64.4 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: 12.18 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Instrument :

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ClientSampleId :

HSR-WC-65-081616MSD

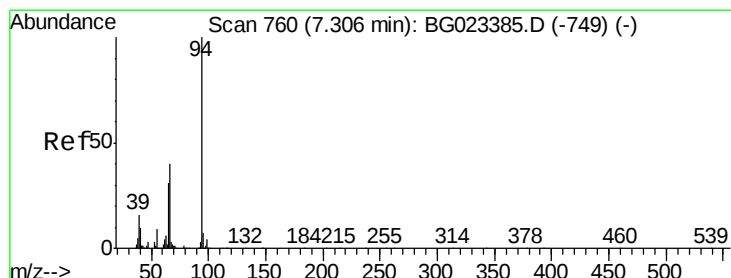
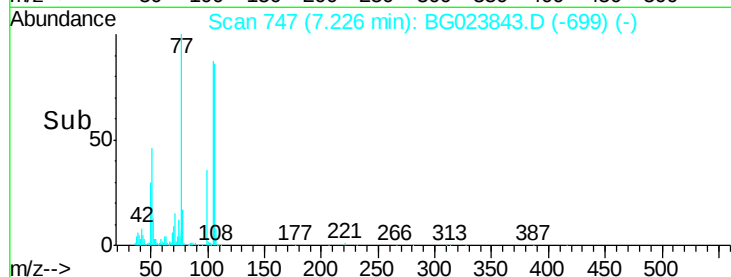
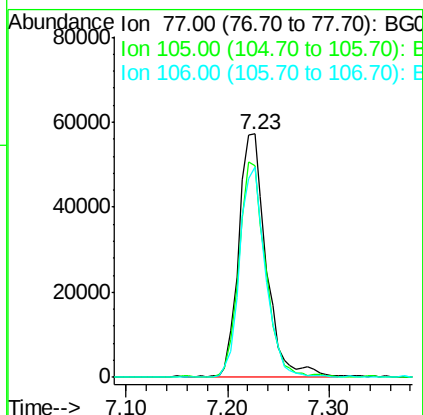
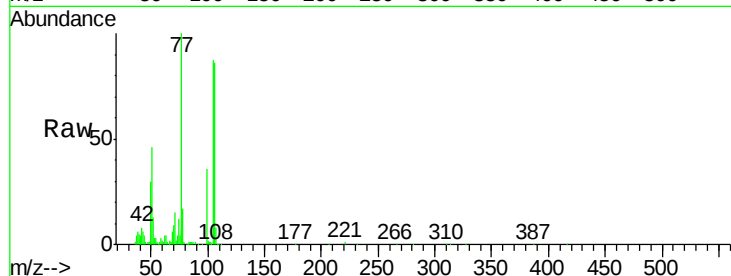
Tgt Ion: 77 Resp: 107112

Ion Ratio Lower Upper

77 100

105 86.9 58.7 98.7

106 86.5 67.5 107.5



#10

Phenol

Concen: 14.83 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.03 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

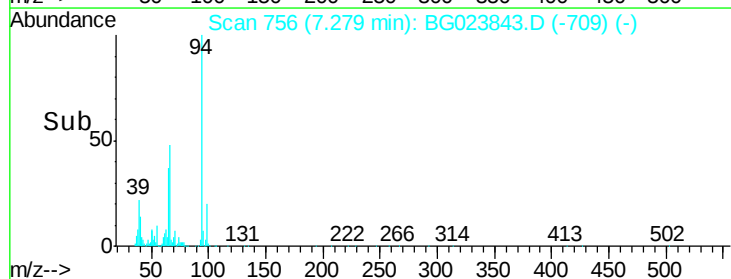
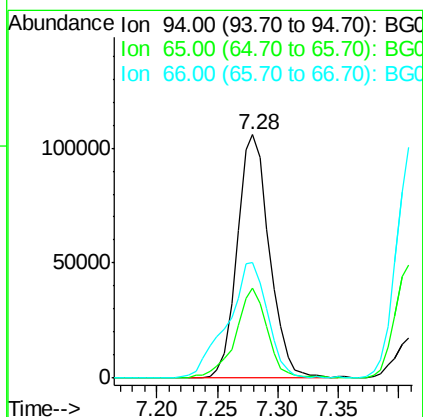
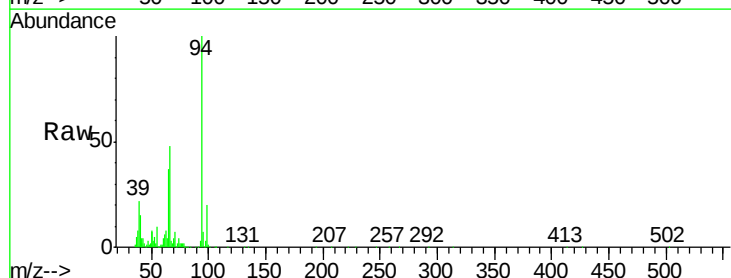
Tgt Ion: 94 Resp: 196509

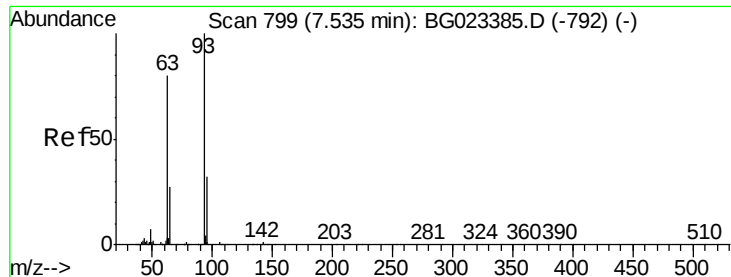
Ion Ratio Lower Upper

94 100

65 36.9 18.1 58.1

66 47.5 42.1 82.1

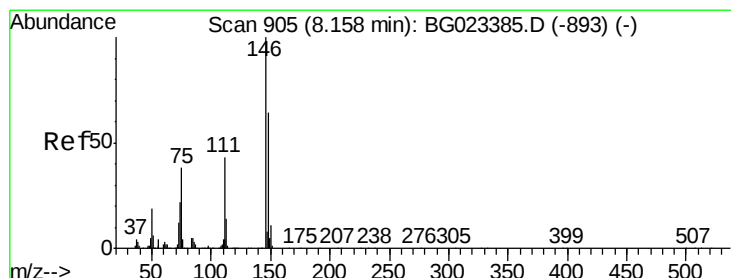
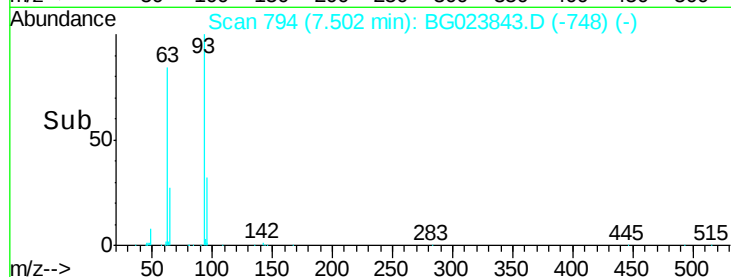
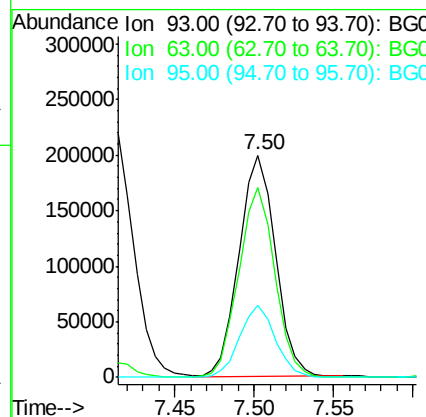
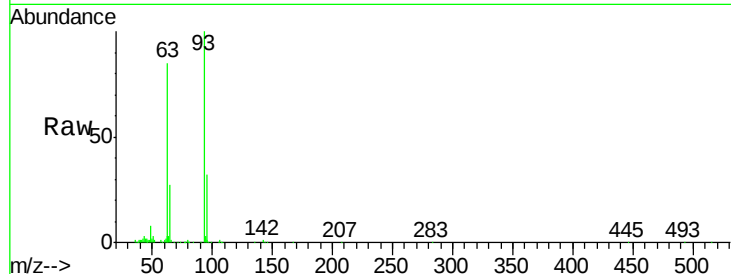




#11
bis(2-Chloroethyl)ether
Concen: 30.05 ng
RT: 7.50 min Scan# 794
Delta R.T. -0.03 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

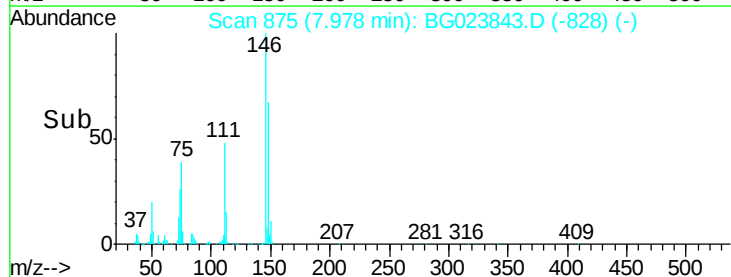
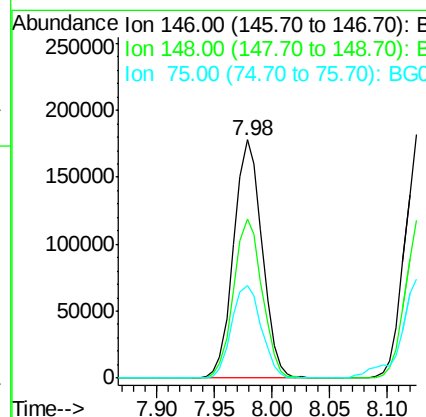
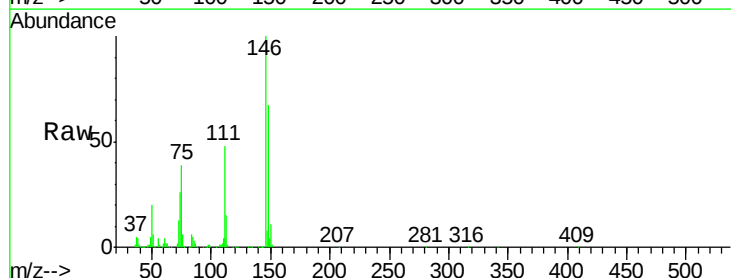
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

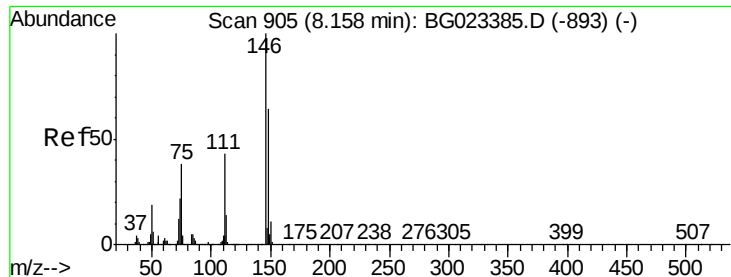
Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.3	55.0	95.0
95	32.5	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 29.04 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.03 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	50.3	75.5
75	38.9	37.0	55.6

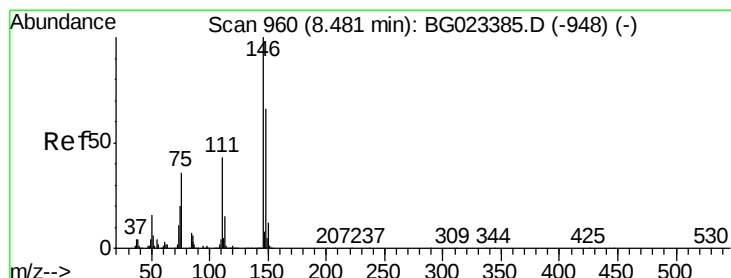
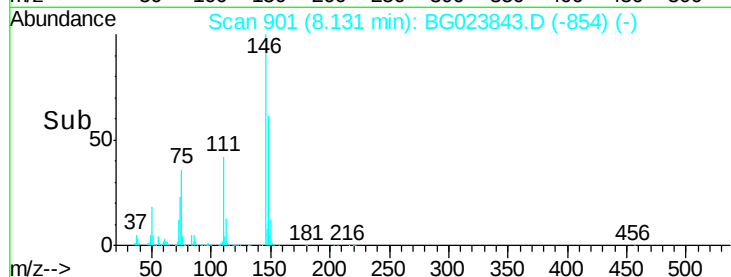
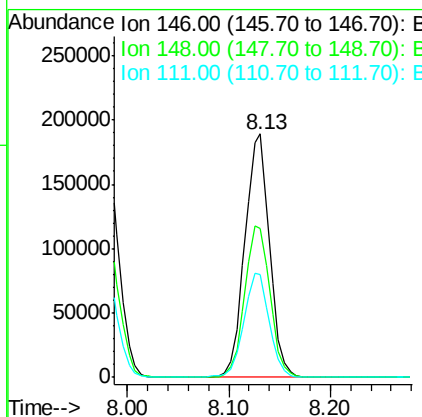
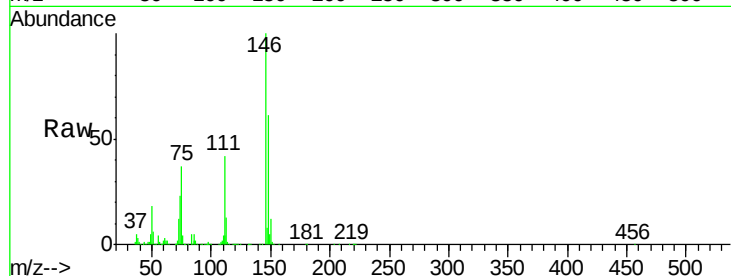




#13
 1,4-Dichlorobenzene
 Concen: 29.74 ng
 RT: 8.13 min Scan# 901
 Delta R.T. -0.03 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

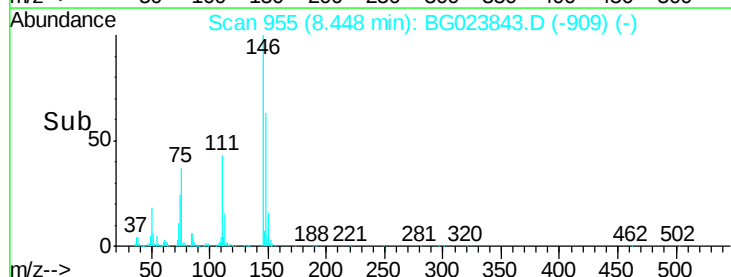
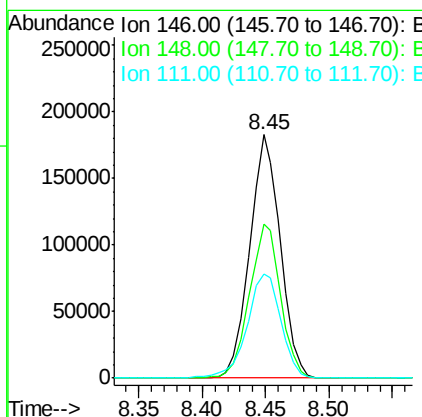
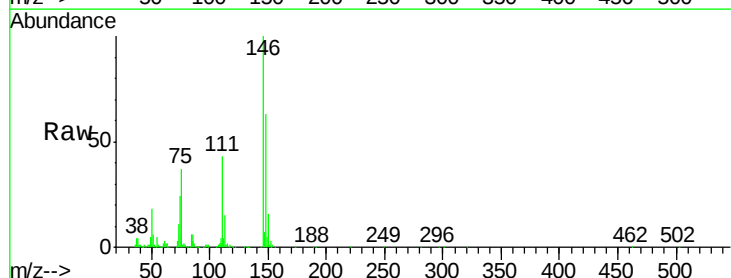
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MSD

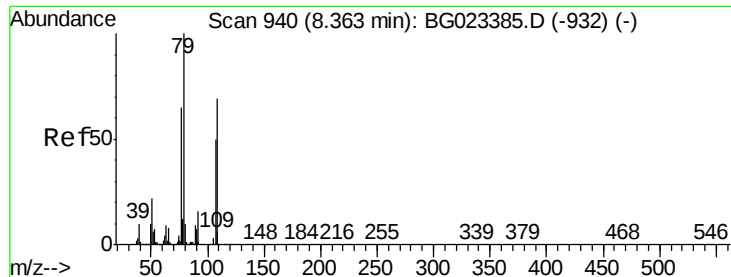
Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.0	54.5	81.7
111	42.1	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 29.11 ng
 RT: 8.45 min Scan# 955
 Delta R.T. -0.03 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.9	79.3
111	42.6	43.5	65.3#





#15

Benzyl Alcohol

Concen: 37.45 ng

RT: 8.34 min Scan# 936

Delta R.T. -0.03 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

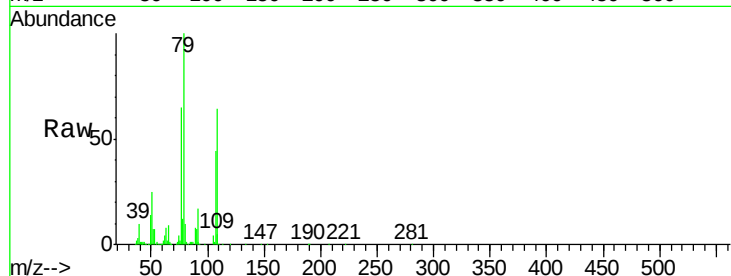
Tgt Ion: 79 Resp: 351607

Ion Ratio Lower Upper

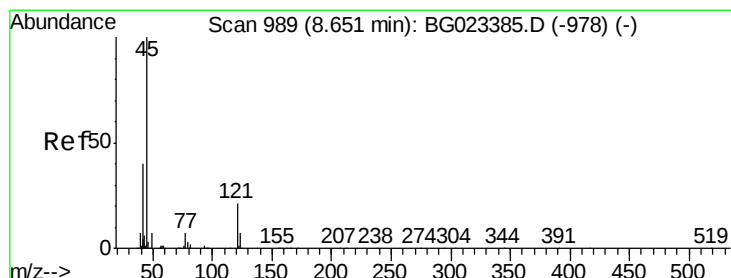
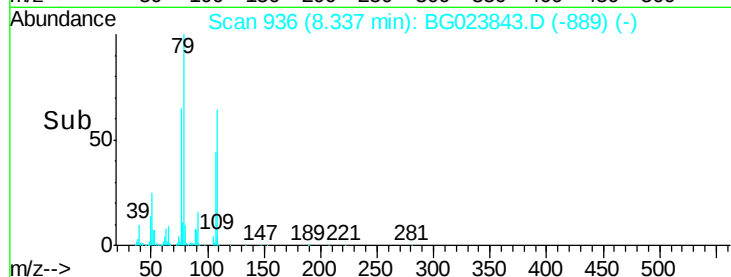
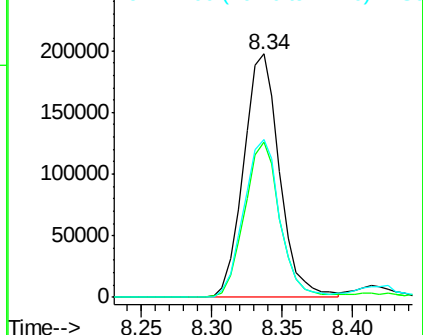
79 100

108 64.0 46.5 69.7

77 64.9 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.74 ng

RT: 8.62 min Scan# 985

Delta R.T. -0.03 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

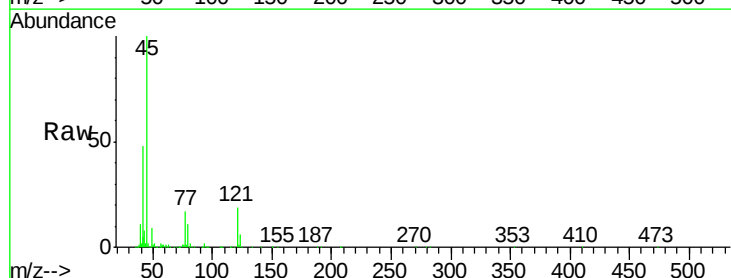
Tgt Ion: 45 Resp: 446925

Ion Ratio Lower Upper

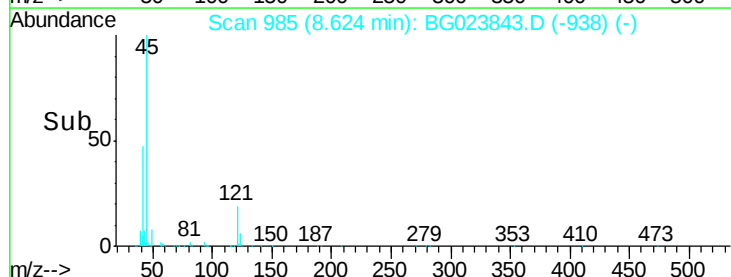
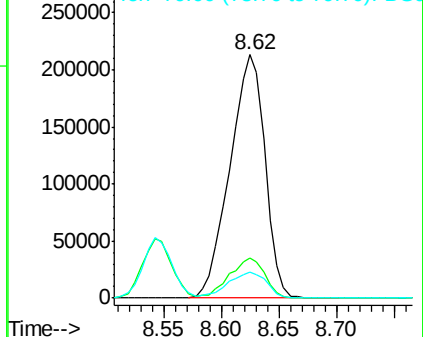
45 100

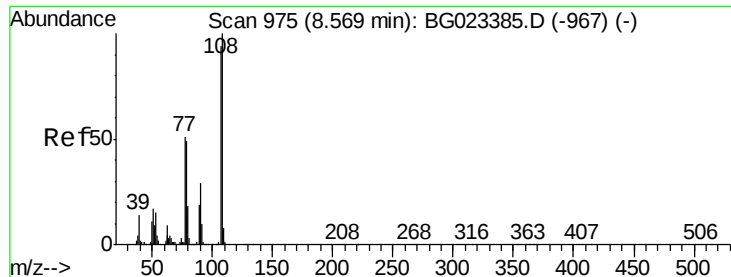
77 16.5 0.6 40.6

79 10.9 0.0 36.2



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

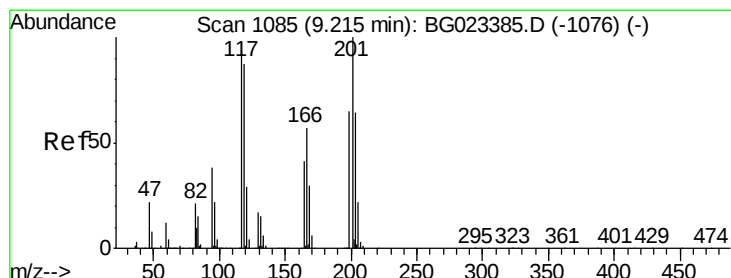
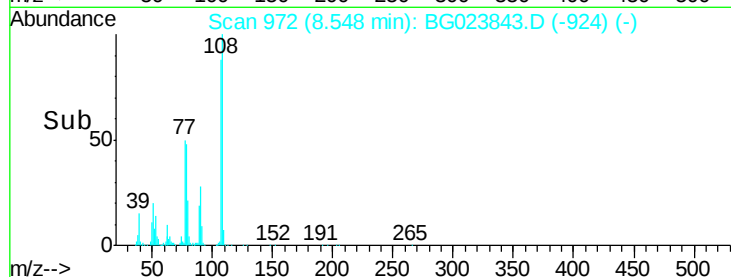
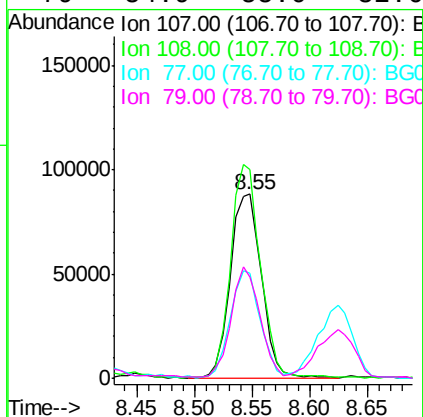
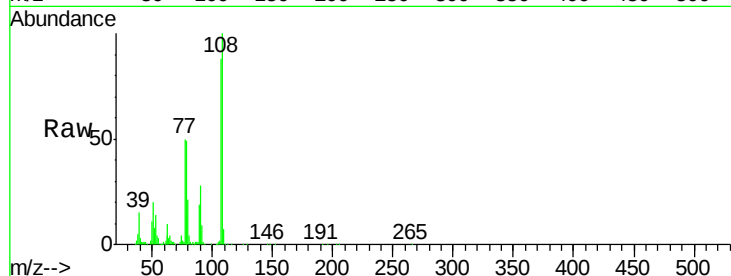




#17
2-Methylphenol
Concen: 18.69 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

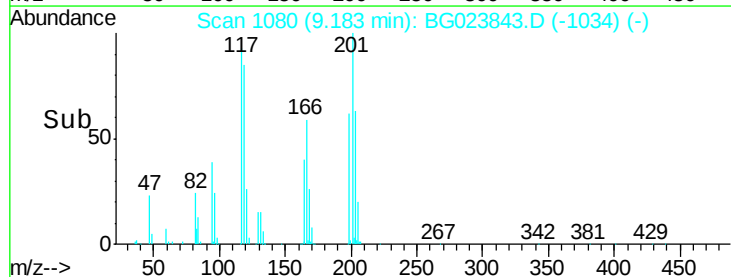
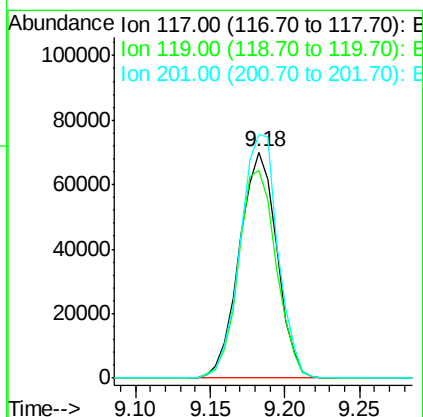
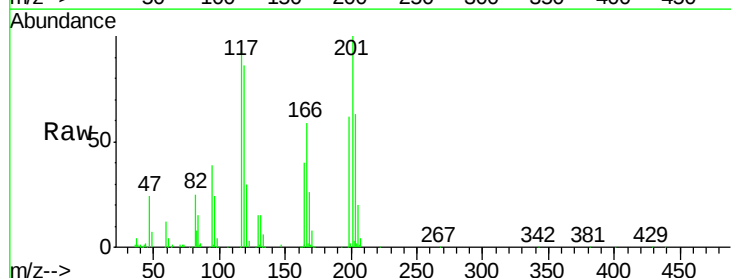
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

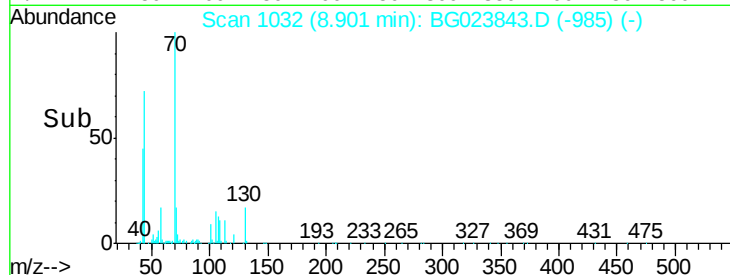
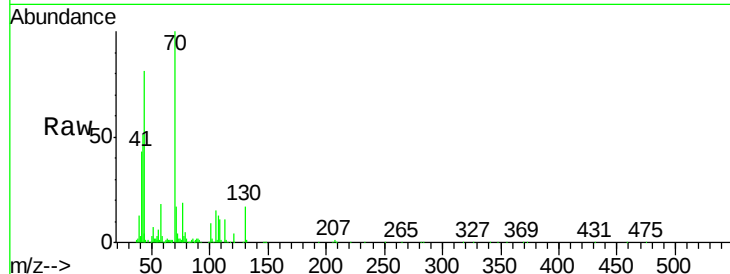
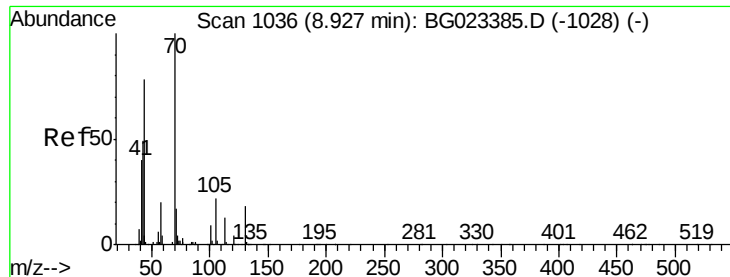
Tgt Ion:	107	Resp:	166108
Ion Ratio	Lower	Upper	
107	100		
108	113.2	92.0	138.0
77	56.7	55.8	83.6
79	54.9	55.0	82.6#



#18
Hexachloroethane
Concen: 30.20 ng
RT: 9.18 min Scan# 1080
Delta R.T. -0.03 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

Tgt Ion:	117	Resp:	121761
Ion Ratio	Lower	Upper	
117	100		
119	92.3	73.7	110.5
201	107.8	88.7	133.1

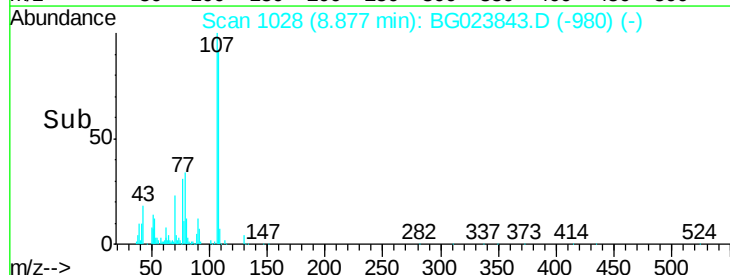
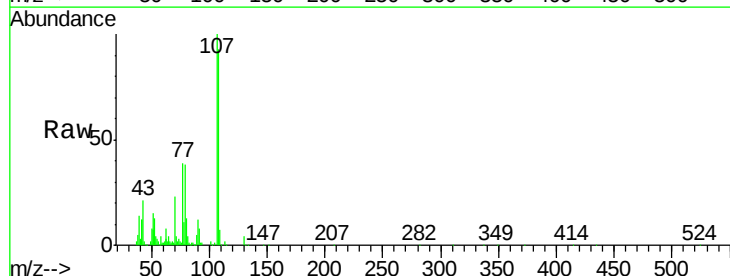
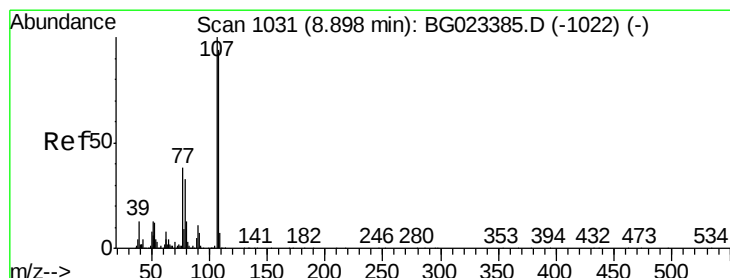
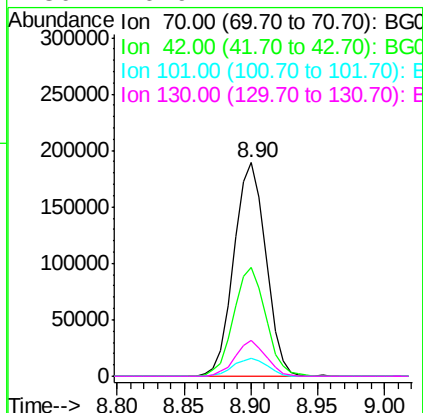




#19
n-Nitroso-di-n-propylamine
Concen: 29.57 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

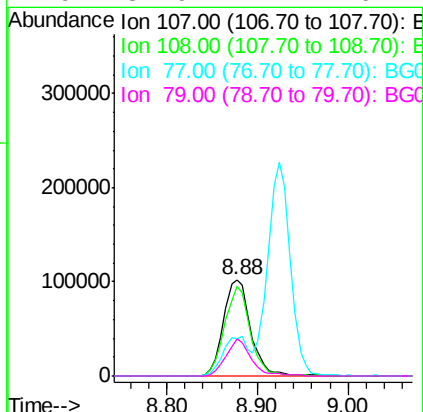
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

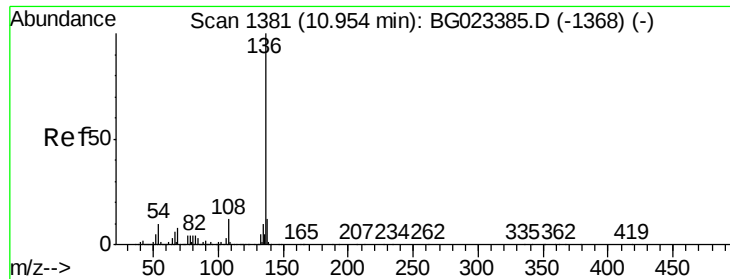
Tgt Ion:	70	Resp:	315134
Ion	Ratio	Lower	Upper
70	100		
42	51.2	42.1	63.1
101	8.7	7.2	10.8
130	16.9	14.2	21.2



#20
3+4-Methylphenols
Concen: 17.09 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

Tgt Ion:	107	Resp:	214085
Ion	Ratio	Lower	Upper
107	100		
108	92.8	72.5	112.5
77	38.6	30.1	70.1
79	37.9	24.2	64.2

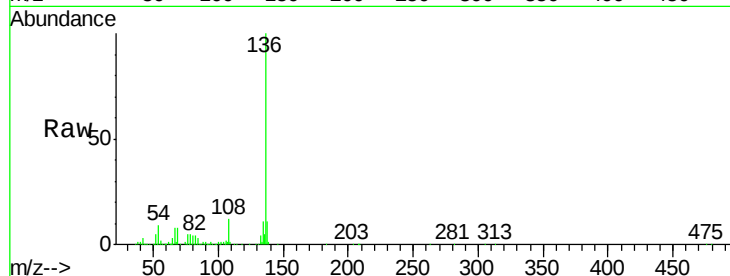




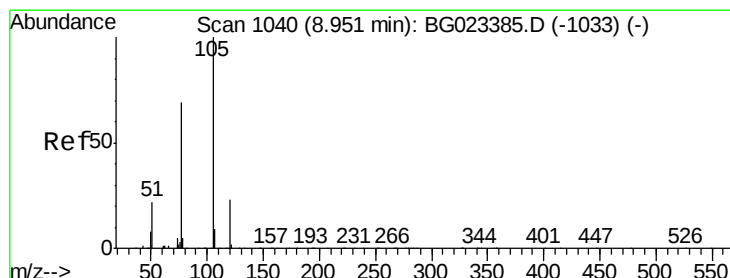
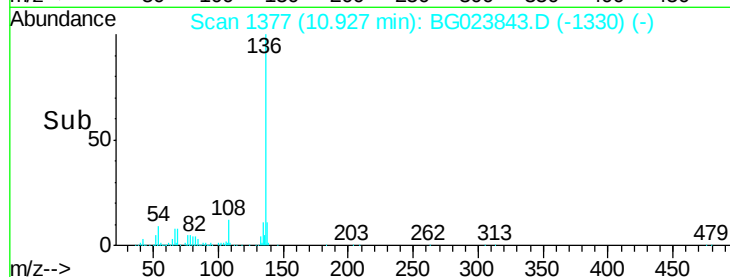
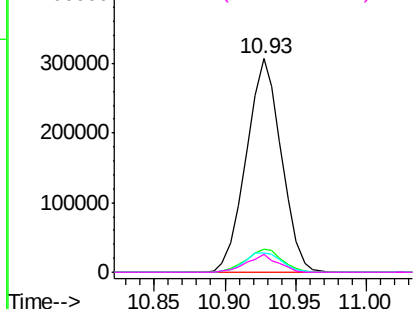
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

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

Tgt Ion:	136	Resp:	534826
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	9.1	7.3	10.9
68	8.3	5.3	7.9#

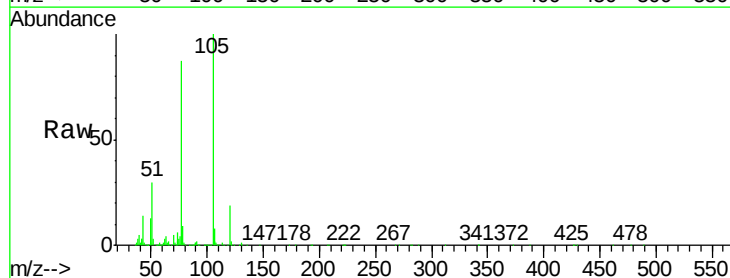


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

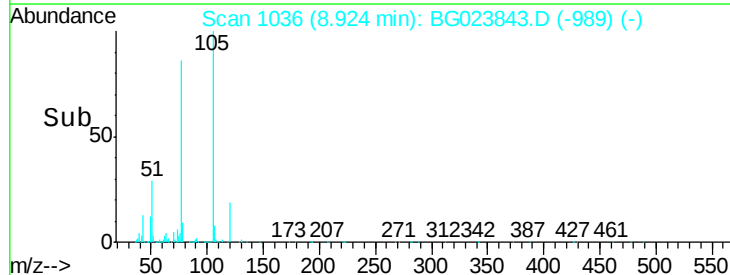
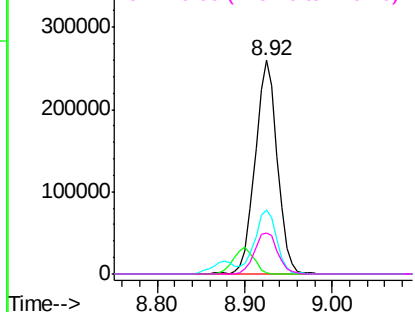


#22
Acetophenone
Concen: 30.50 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

Tgt Ion:	105	Resp:	446619
Ion	Ratio	Lower	Upper
105	100		
71	0.9	2.6	3.8#
51	29.8	27.1	40.7
120	19.5	15.1	22.7



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





#23

Nitrobenzene-d5

Concen: 73.75 ng

RT: 9.27 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

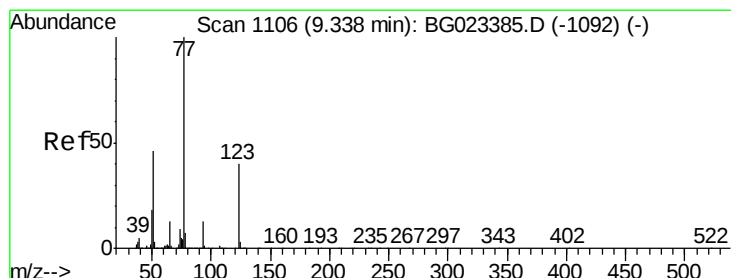
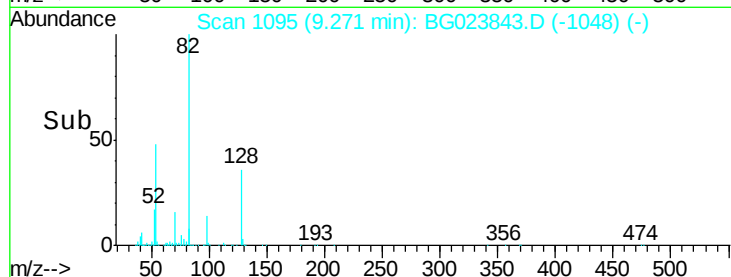
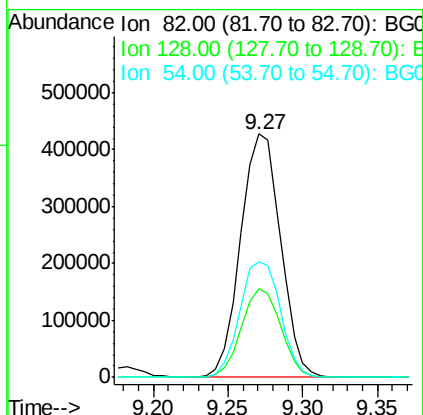
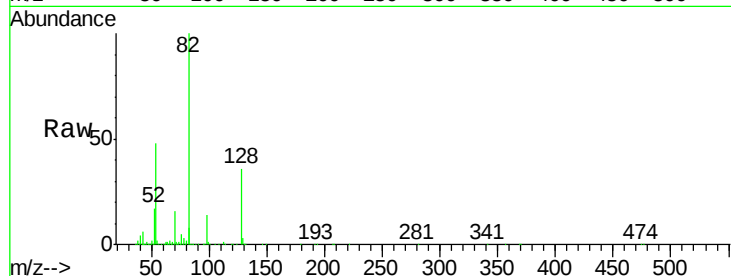
Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

Tgt Ion:	82	Resp:	793381
Ion	Ratio	Lower	Upper
82	100		
128	36.4	24.4	36.6
54	47.7	41.4	62.0



#24

Nitrobenzene

Concen: 37.22 ng

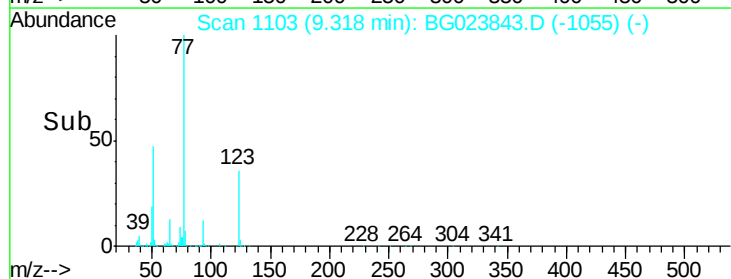
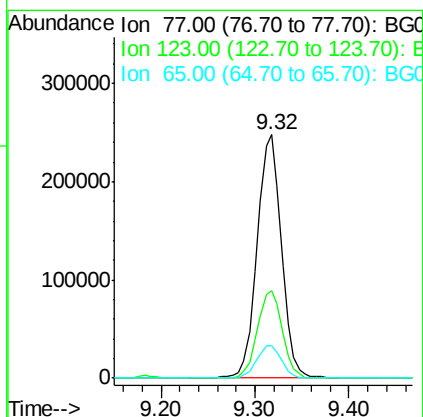
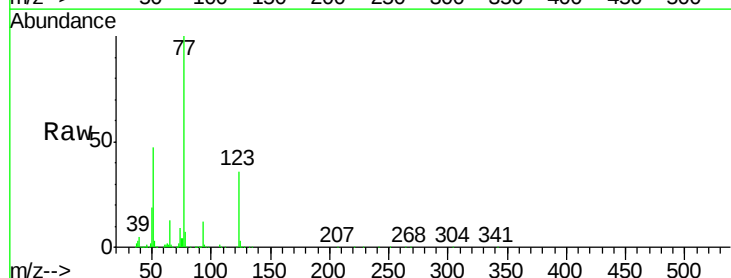
RT: 9.32 min Scan# 1103

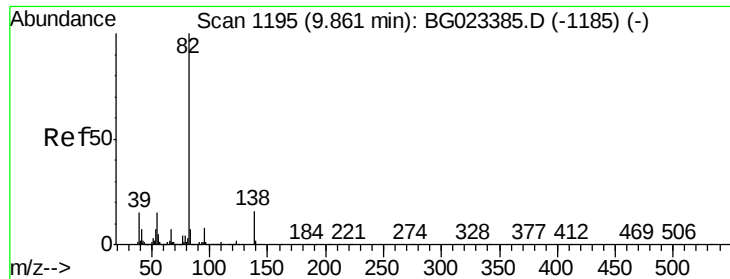
Delta R.T. -0.02 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Tgt Ion:	77	Resp:	443391
Ion	Ratio	Lower	Upper
77	100		
123	36.1	25.0	37.6
65	13.2	13.4	20.0





#25

Isophorone

Concen: 35.12 ng

RT: 9.83 min Scan# 1191

Delta R.T. -0.03 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

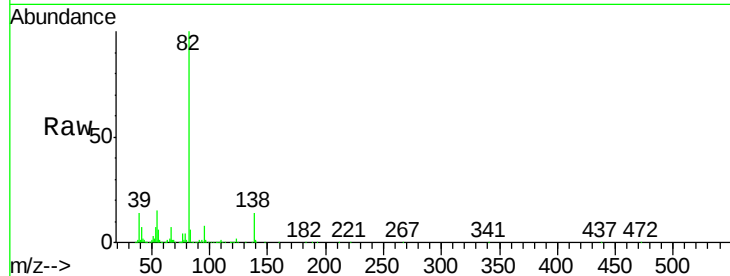
Tgt Ion: 82 Resp: 786939

Ion Ratio Lower Upper

82 100

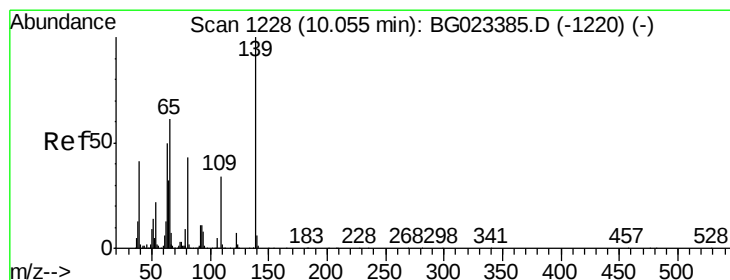
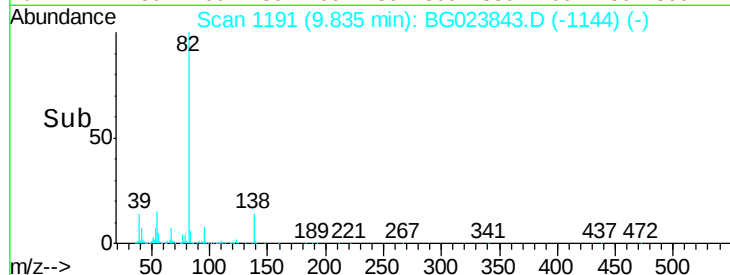
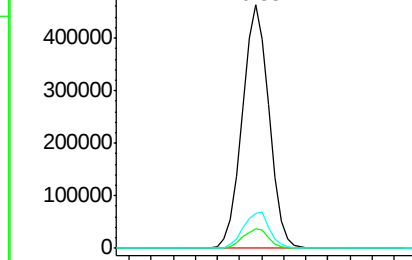
95 7.9 8.2 12.2#

138 14.3 10.7 16.1



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

9.83



#26

2-Nitrophenol

Concen: 16.22 ng

RT: 10.03 min Scan# 1225

Delta R.T. -0.02 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

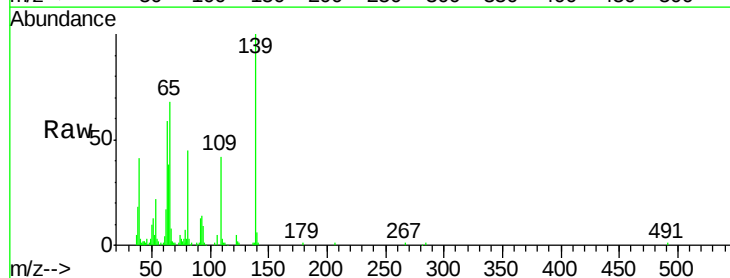
Tgt Ion: 139 Resp: 81556

Ion Ratio Lower Upper

139 100

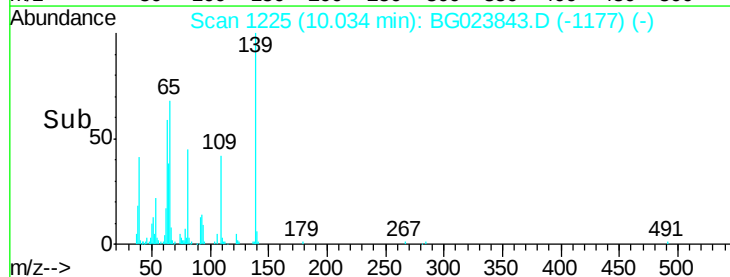
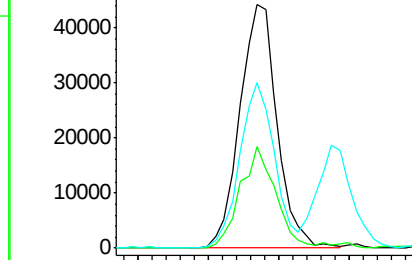
109 41.9 43.5 65.3#

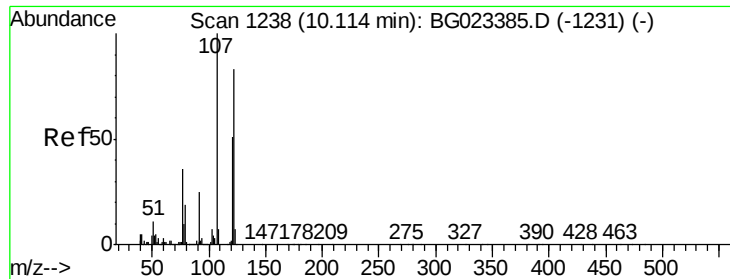
65 67.8 64.3 96.5



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

10.03

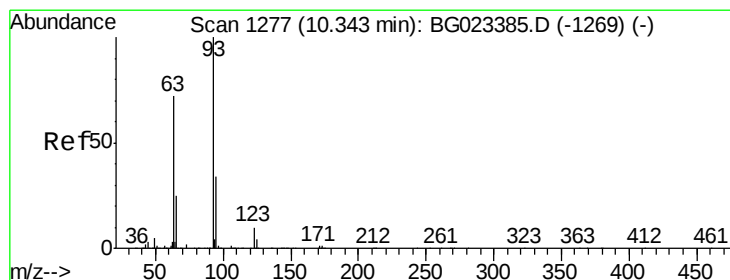
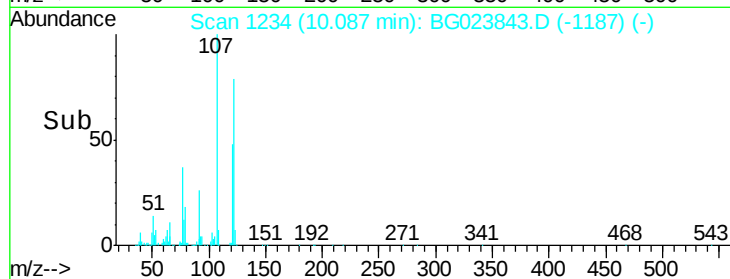
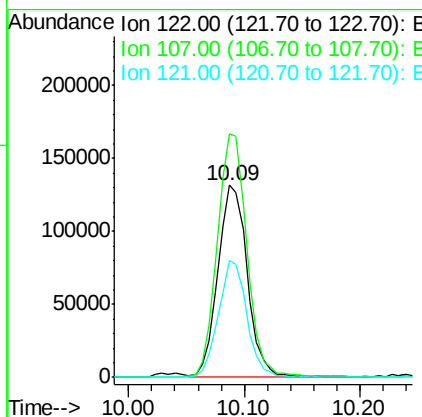
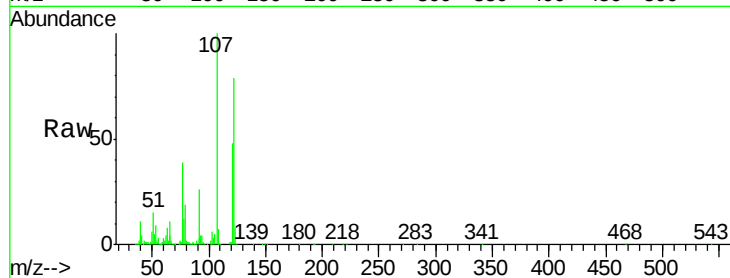




#27
2,4-Dimethylphenol
Concen: 26.97 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.03 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

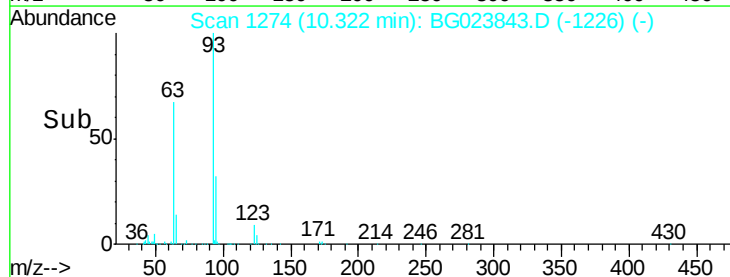
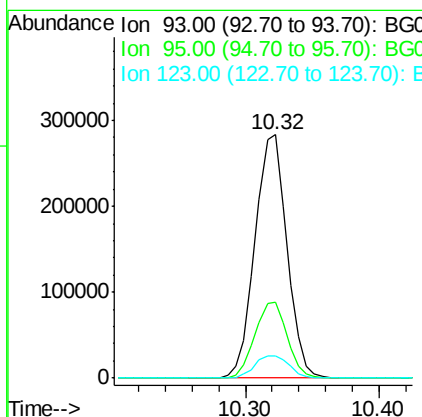
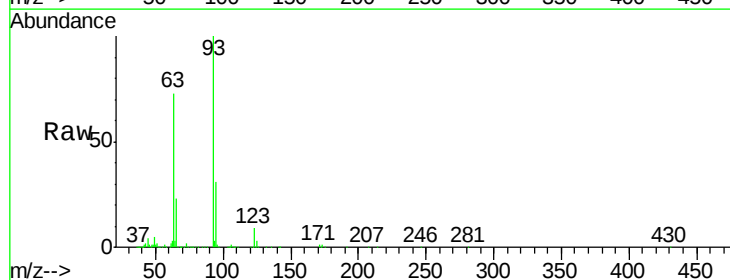
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

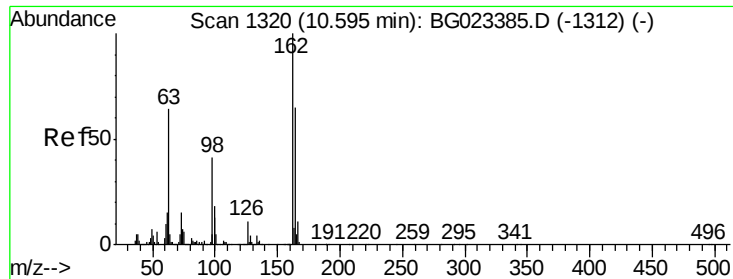
Tgt Ion: 122 Resp: 230904
Ion Ratio Lower Upper
122 100
107 126.7 117.0 175.4
121 60.8 50.1 75.1



#28
bis(2-Chloroethoxy)methane
Concen: 34.71 ng
RT: 10.32 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

Tgt Ion: 93 Resp: 467561
Ion Ratio Lower Upper
93 100
95 31.2 25.4 38.2
123 9.3 8.2 12.2

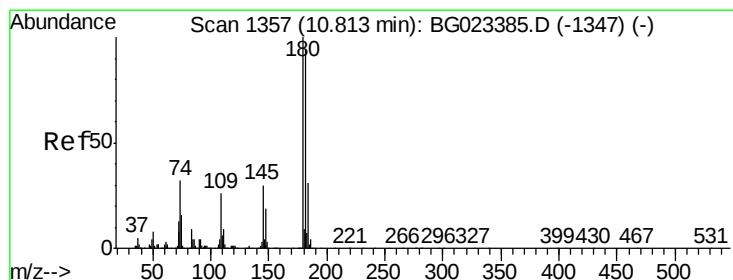
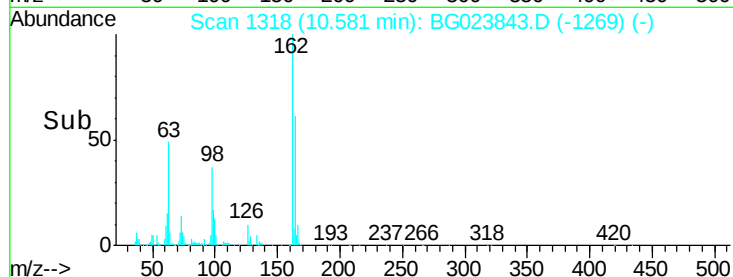
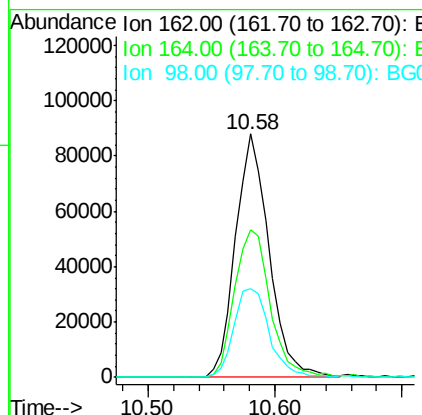
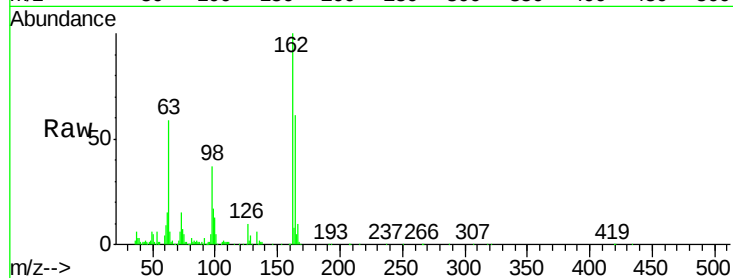




#29
 2,4-Dichlorophenol
 Concen: 18.72 ng
 RT: 10.58 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

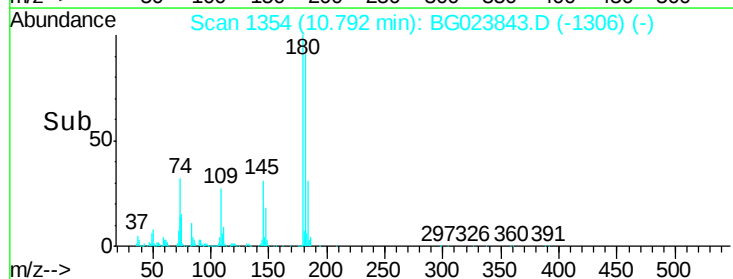
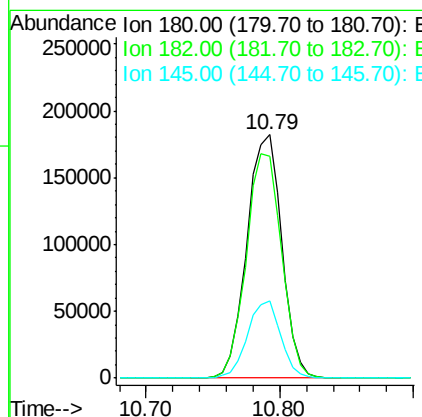
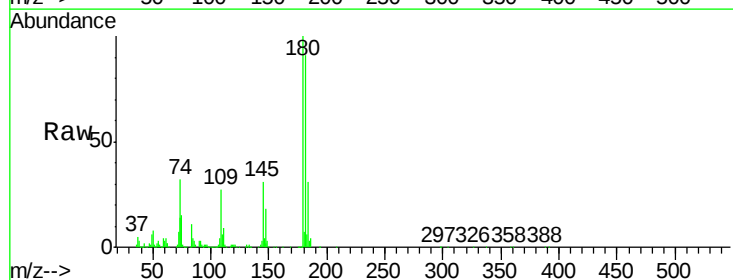
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MSD

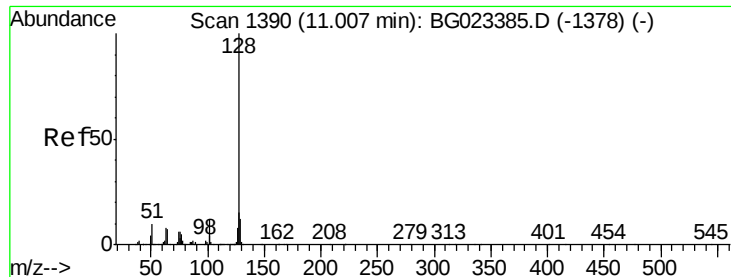
Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.6	44.3	84.3
98	36.7	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 35.29 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.02 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.4	73.8	110.8
145	31.5	24.4	36.6

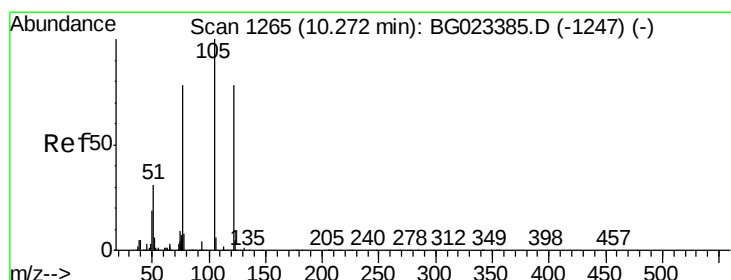
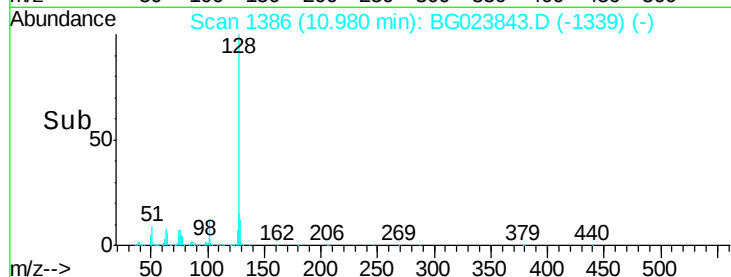
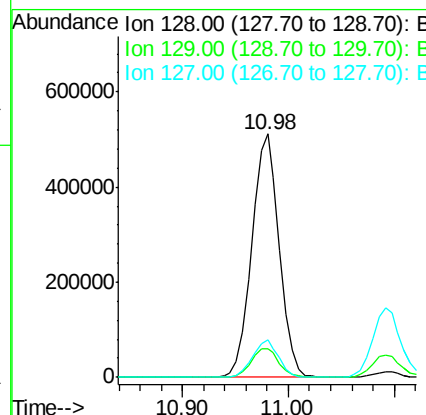
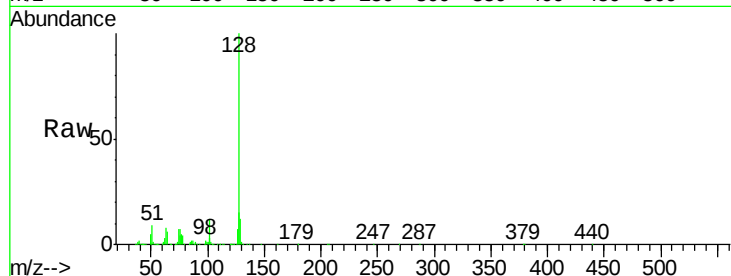




#31
Naphthalene
Concen: 33.73 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.03 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

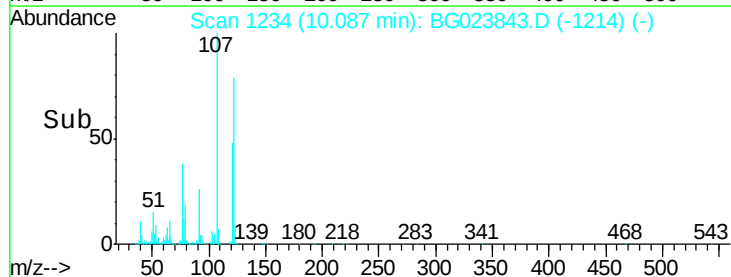
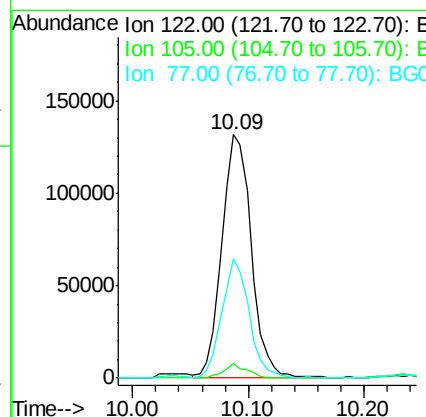
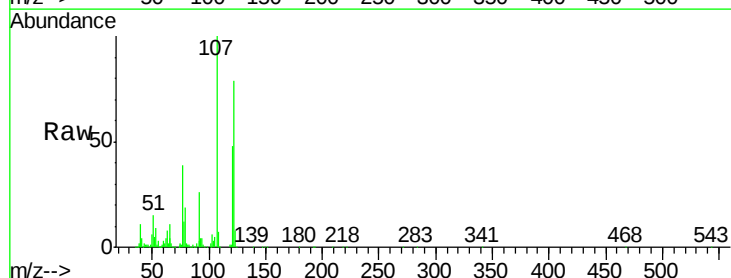
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

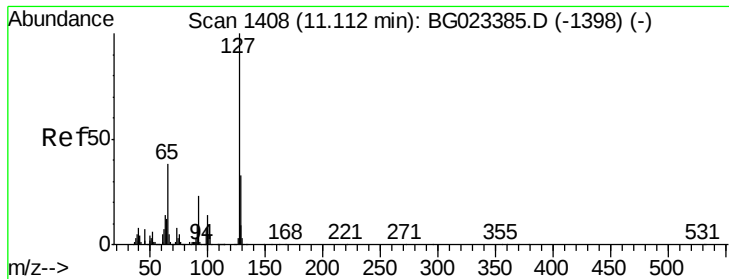
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.0
127	15.3	11.3	16.9



#32
Benzoic acid
Concen: 31.81 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.18 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	5.8	117.2	157.2#
77	48.8	109.2	149.2#

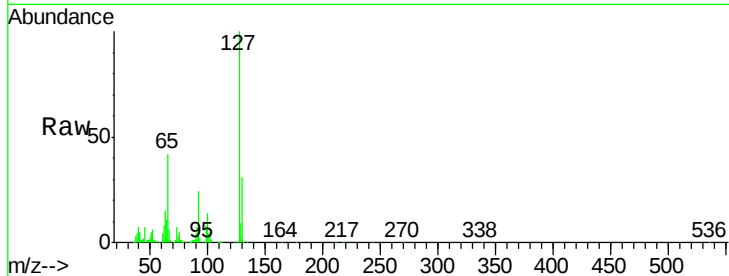




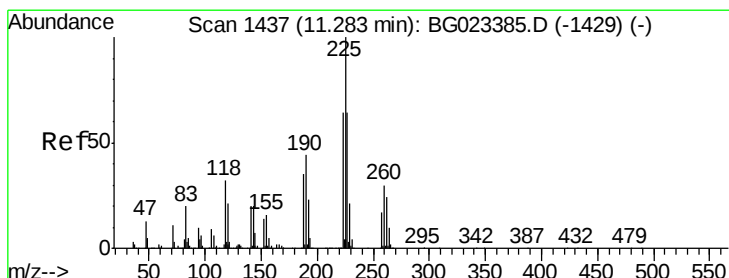
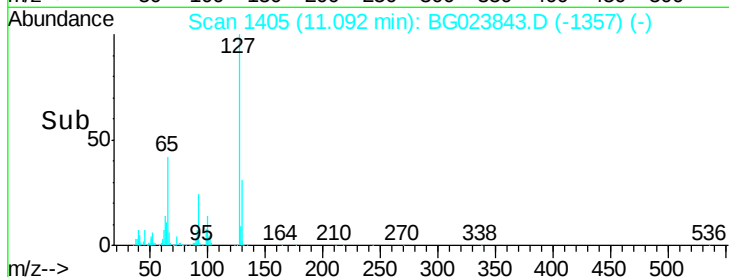
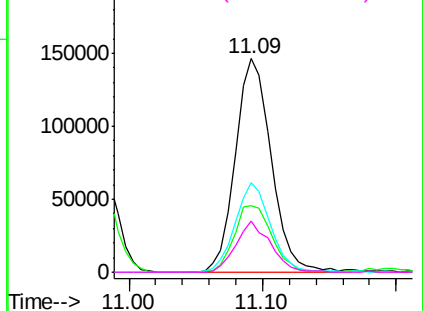
#33
4-Chloroaniline
Concen: 20.88 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

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

Tgt Ion:	127	Resp:	271898
Ion	Ratio	Lower	Upper
127	100		
129	31.1	27.9	41.9
65	42.1	36.8	55.2
92	24.1	21.0	31.6

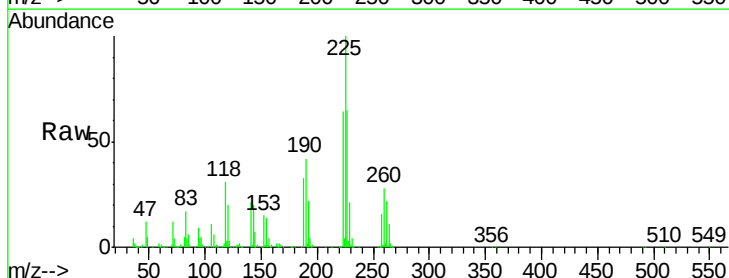


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

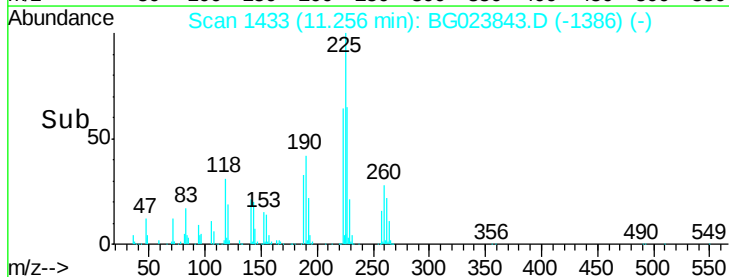
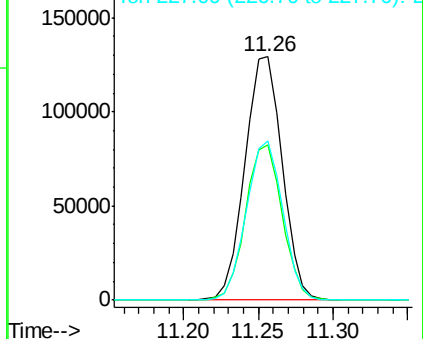


#34
Hexachlorobutadiene
Concen: 36.57 ng
RT: 11.26 min Scan# 1433
Delta R.T. -0.03 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

Tgt Ion:	225	Resp:	223265
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.6	74.4
227	65.1	54.5	81.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.36 ng

RT: 11.87 min Scan# 1537

Delta R.T. -0.03 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

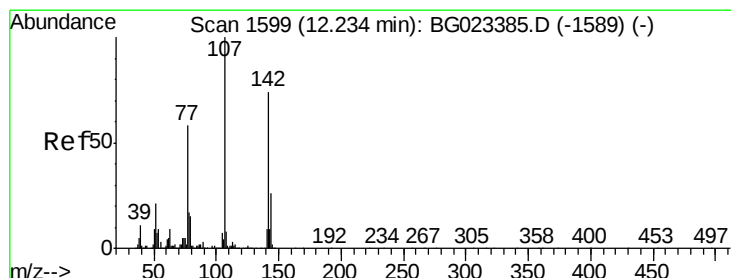
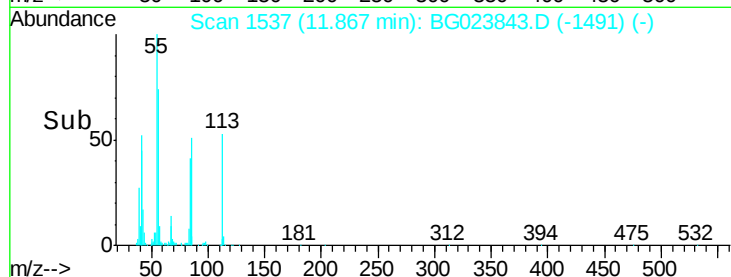
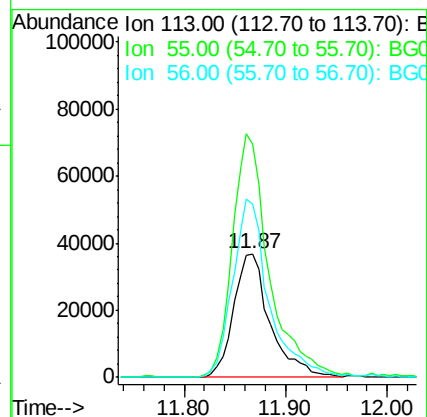
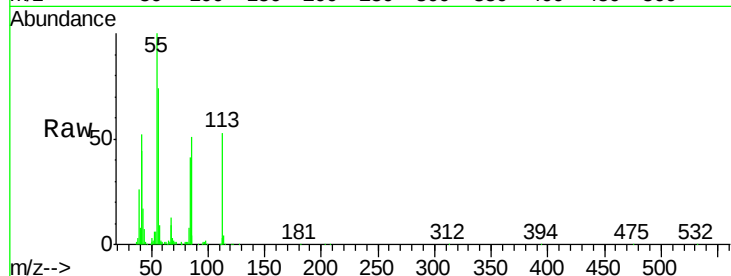
Tgt Ion:113 Resp: 91840

Ion Ratio Lower Upper

113 100

55 188.6 154.5 194.5

56 139.8 125.1 165.1



#36

4-Chloro-3-methylphenol

Concen: 19.28 ng

RT: 12.23 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

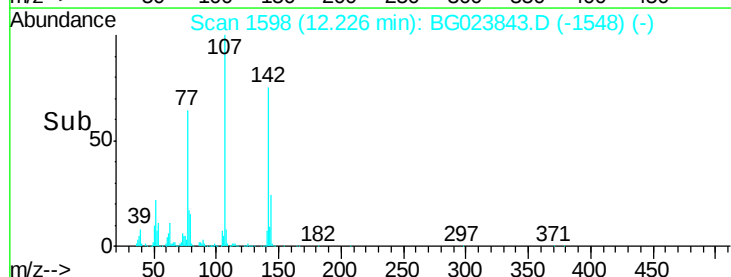
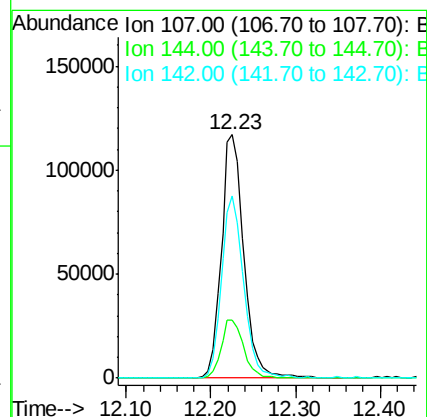
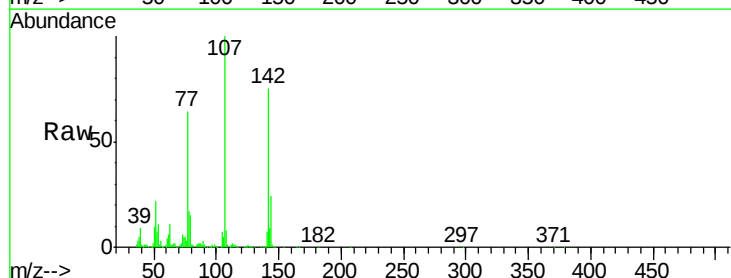
Tgt Ion:107 Resp: 217997

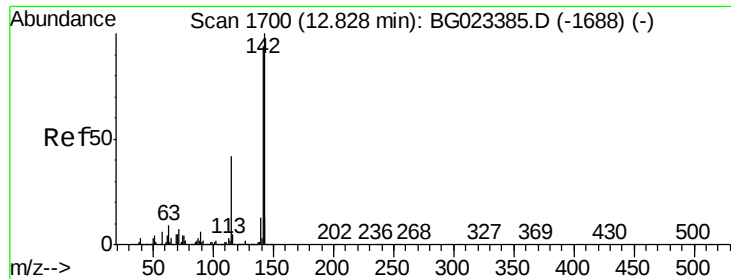
Ion Ratio Lower Upper

107 100

144 23.6 17.0 25.6

142 74.6 53.0 79.6

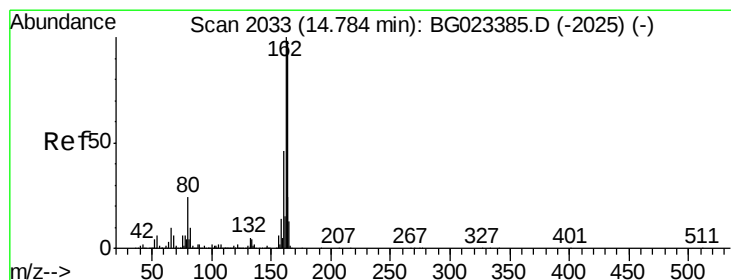
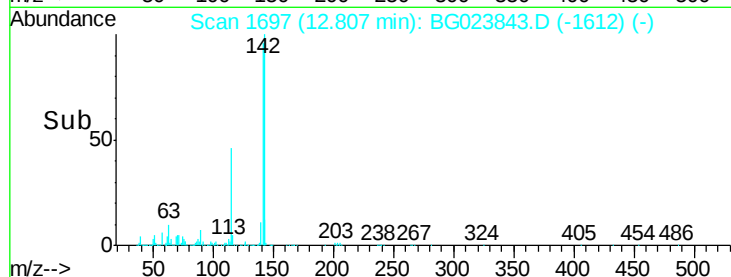
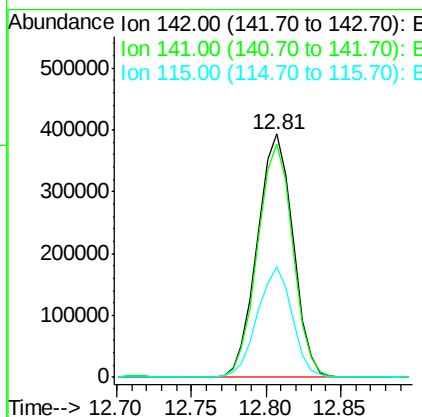
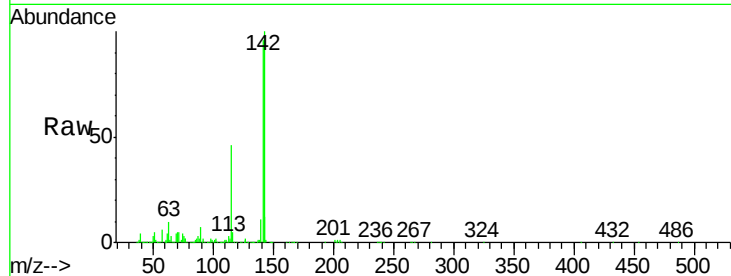




#37
 2-Methylnaphthalene
 Concen: 31.45 ng
 RT: 12.81 min Scan# 1697
 Delta R.T. 0.20 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

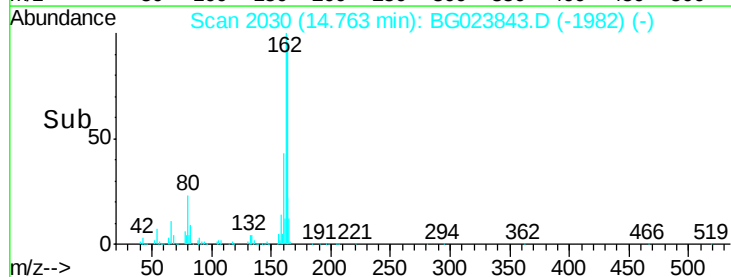
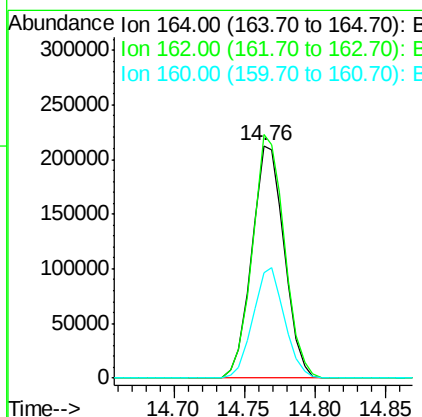
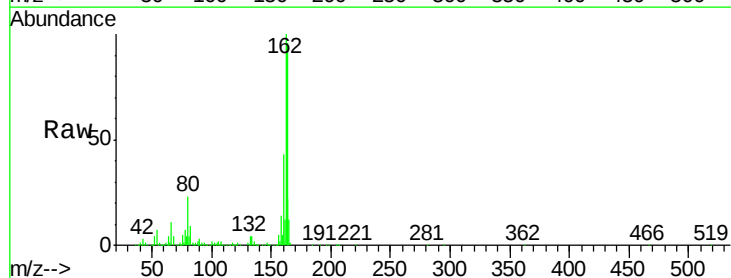
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MSD

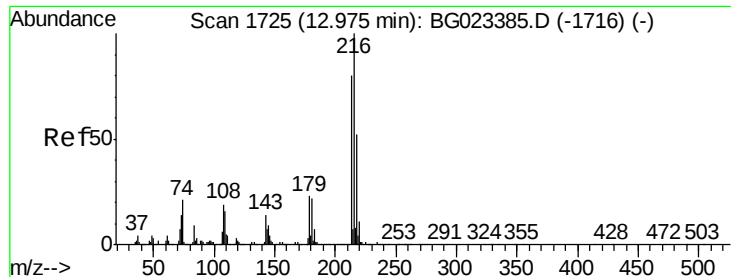
Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	70.2	105.2
115	45.5	41.7	62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	87.7	131.5
160	45.2	37.2	55.8

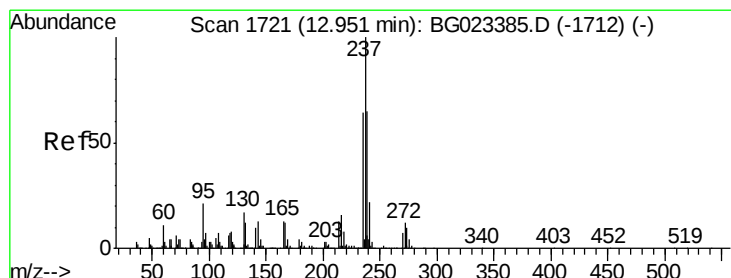
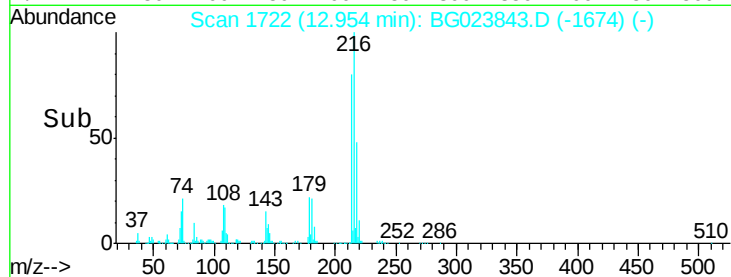
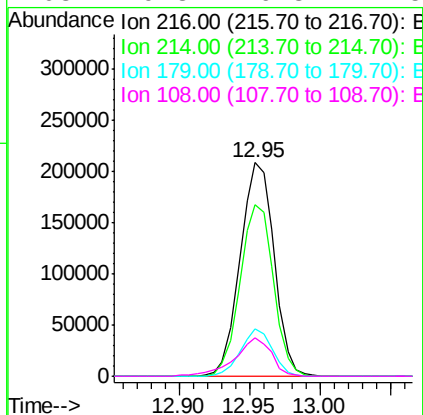
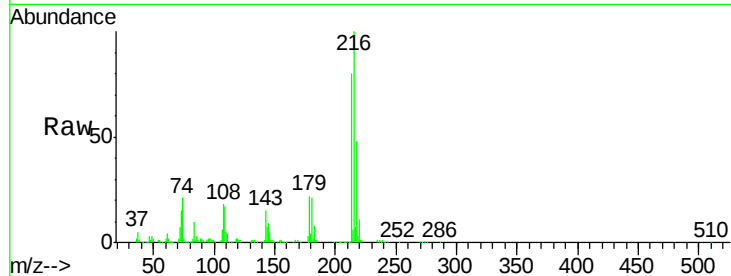




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.27 ng
 RT: 12.95 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

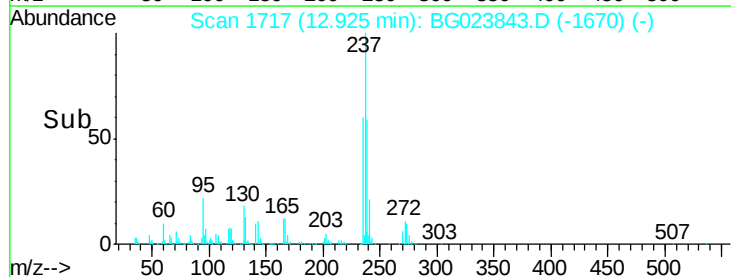
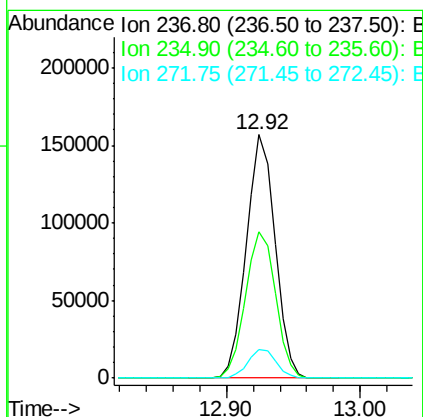
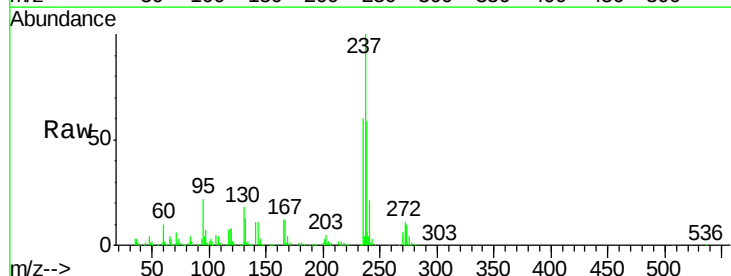
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MSD

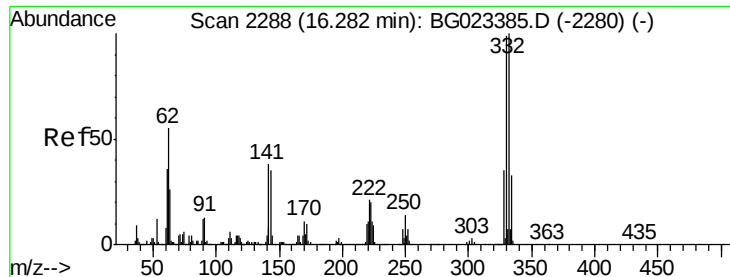
Tgt Ion:	216	Resp:	350635
Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.9	94.3
179	21.0	17.2	25.8
108	19.3	16.3	24.5



#40
 Hexachlorocyclopentadiene
 Concen: 37.12 ng
 RT: 12.92 min Scan# 1717
 Delta R.T. -0.03 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

Tgt Ion:	237	Resp:	232156
Ion	Ratio	Lower	Upper
237	100		
235	60.3	43.1	83.1
272	11.5	0.0	30.9

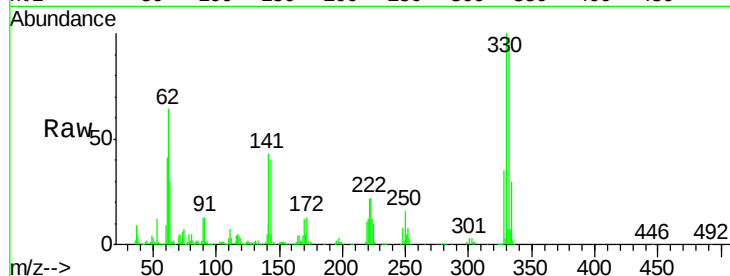




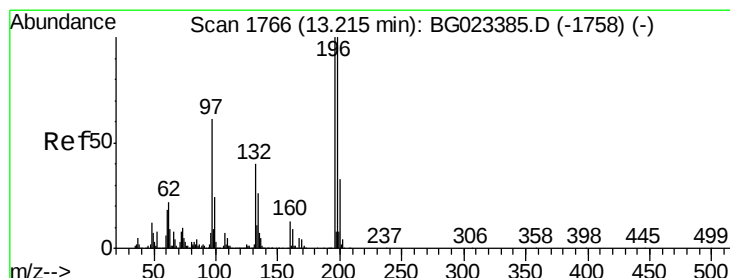
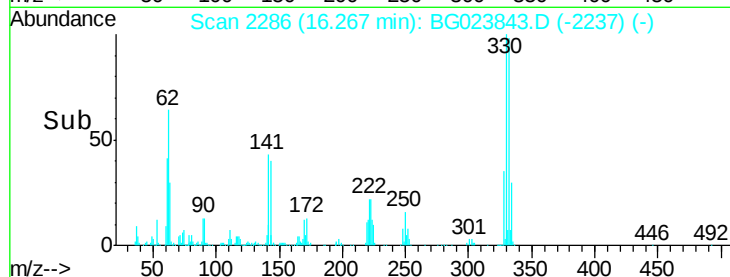
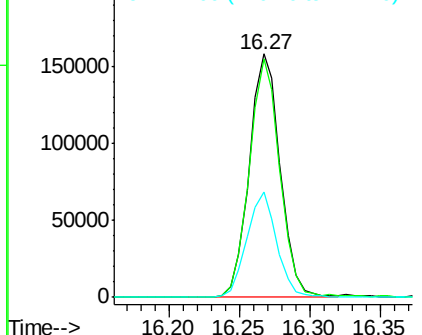
#41
 2,4,6-Tribromophenol
 Concen: 48.53 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. -0.01 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

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

Tgt Ion:330 Resp: 242776
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 41.8 31.7 47.5

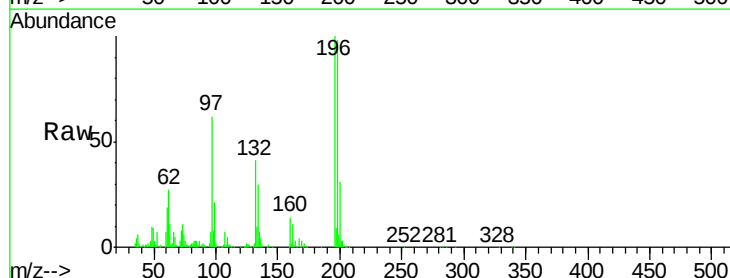


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

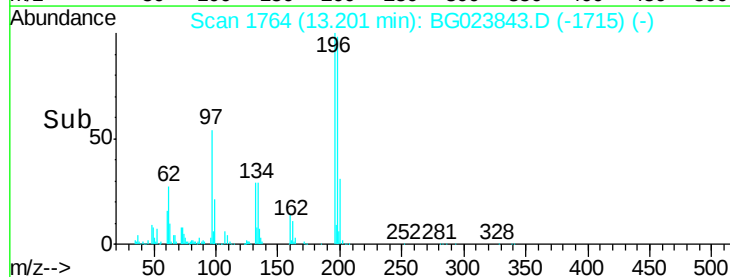
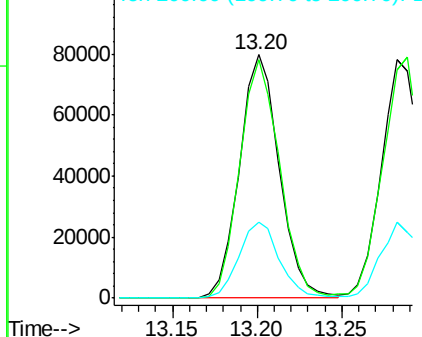


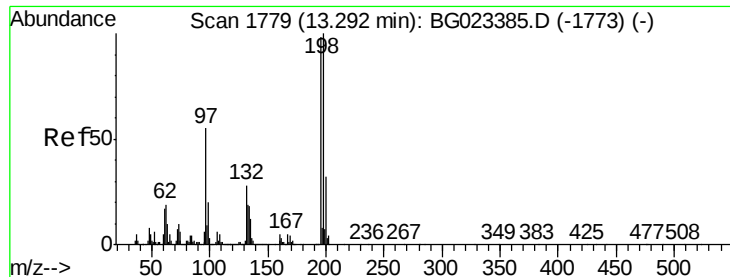
#42
 2,4,6-Trichlorophenol
 Concen: 17.76 ng
 RT: 13.20 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

Tgt Ion:196 Resp: 131204
 Ion Ratio Lower Upper
 196 100
 198 97.9 78.2 117.2
 200 31.0 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

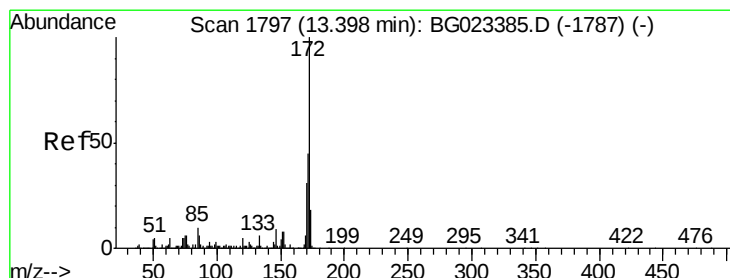
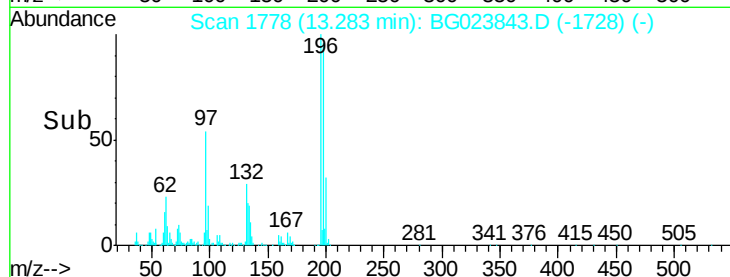
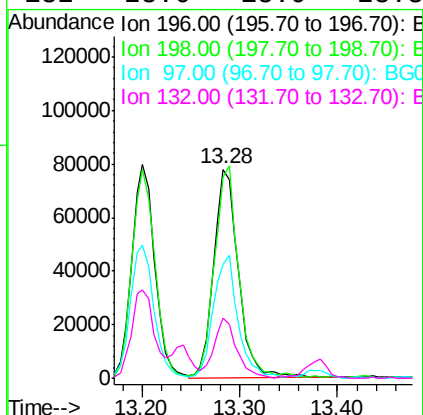
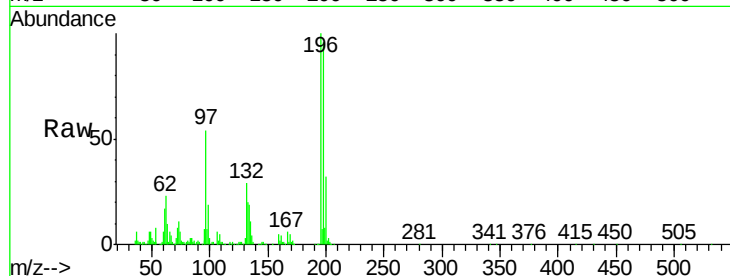




#43
 2,4,5-Trichlorophenol
 Concen: 18.05 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

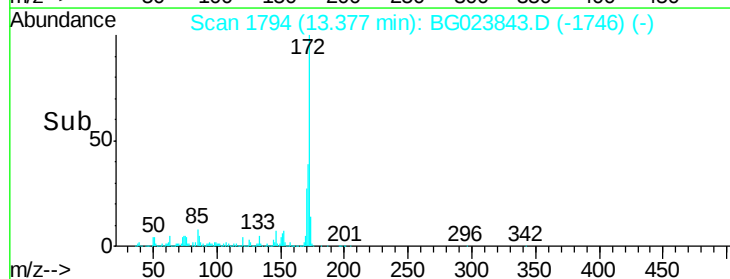
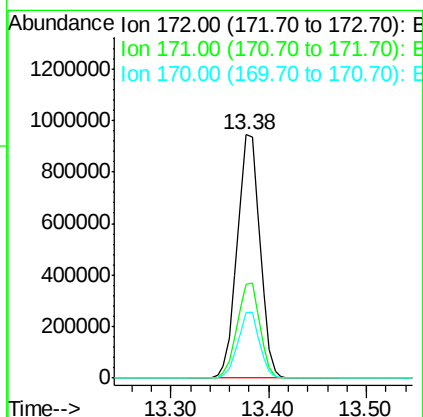
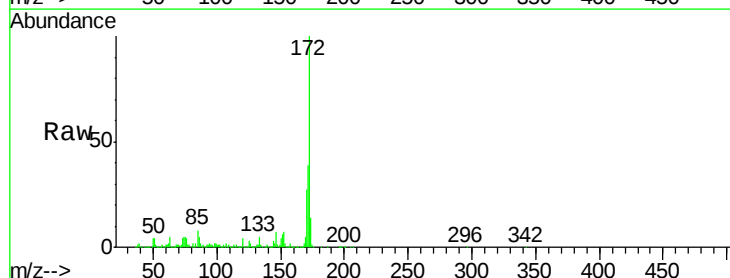
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MSD

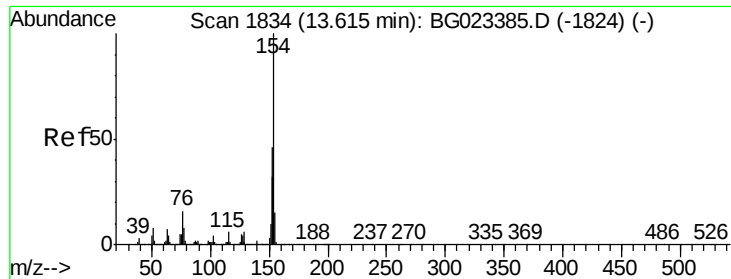
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	85.7	128.5
97	54.5	45.5	68.3
132	28.6	18.9	28.3#



#44
 2-Fluorobiphenyl
 Concen: 75.26 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.6	47.4
170	27.2	21.3	31.9

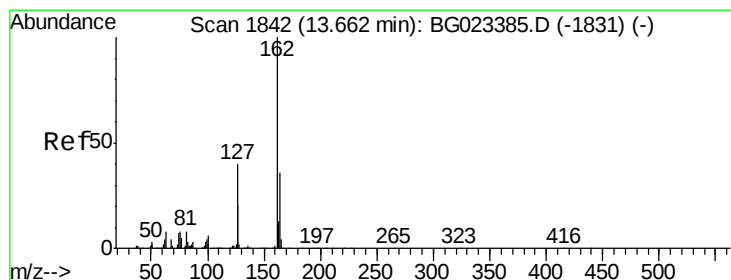
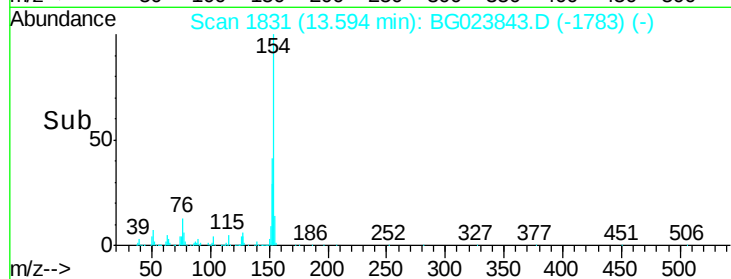
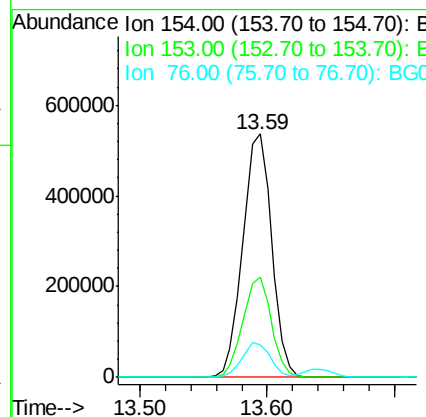
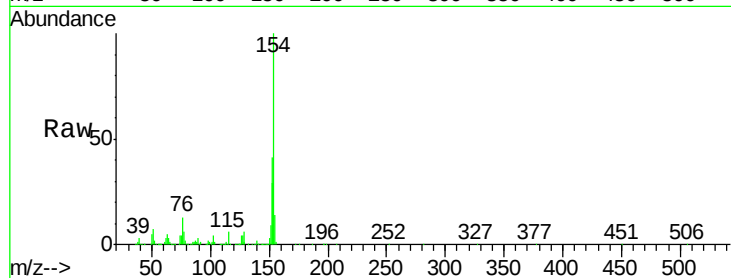




#45
 1,1'-Biphenyl
 Concen: 32.38 ng
 RT: 13.59 min Scan# 1831
 Delta R.T. -0.02 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

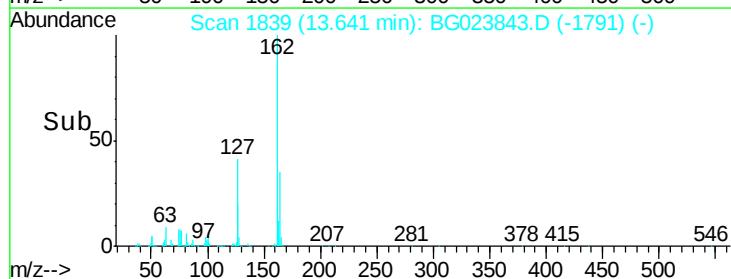
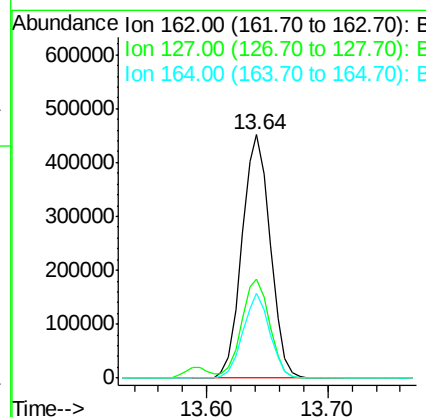
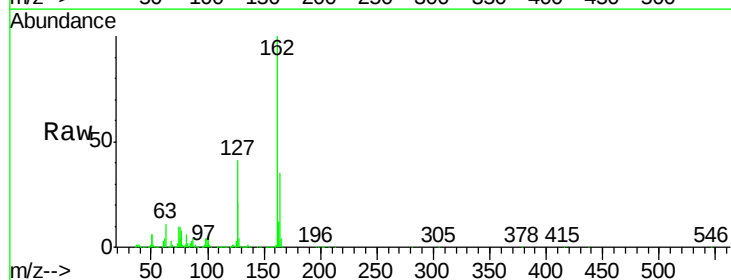
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MSD

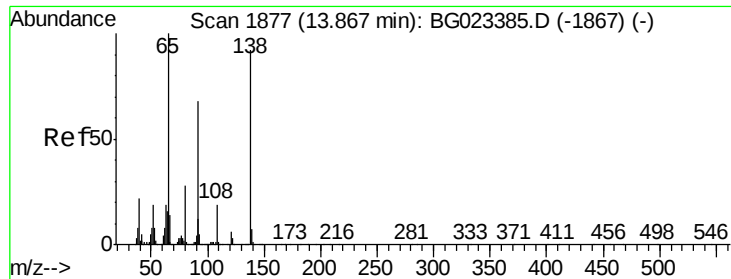
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.2	60.2
76	13.5	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 36.33 ng
 RT: 13.64 min Scan# 1839
 Delta R.T. -0.02 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.4	48.6
164	34.6	25.2	37.8

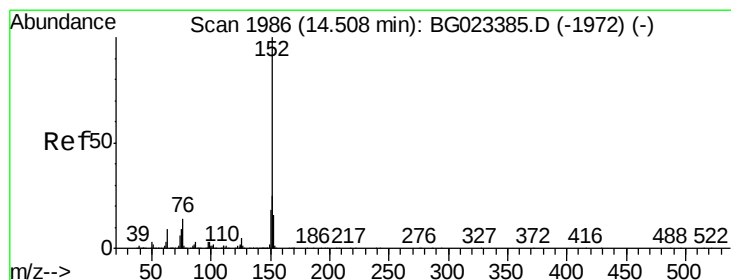
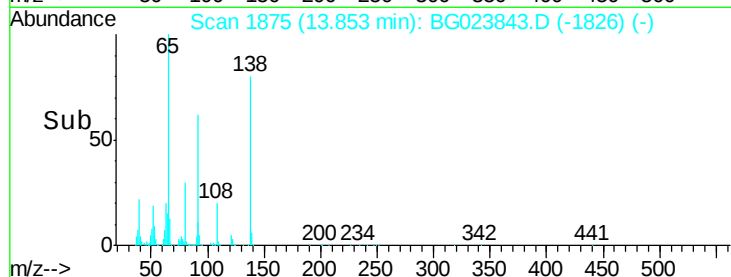
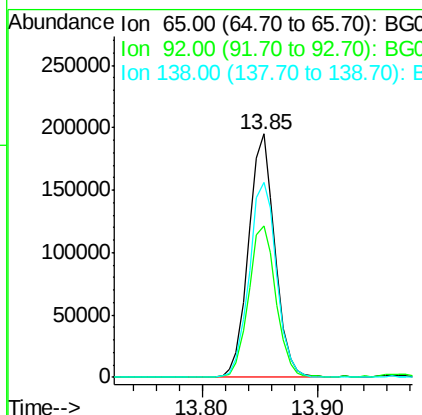
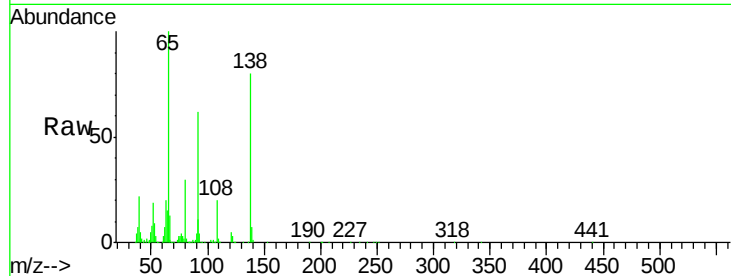




#47
2-Nitroaniline
Concen: 36.87 ng
RT: 13.85 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

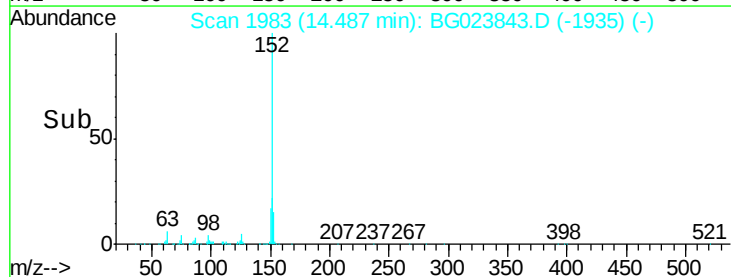
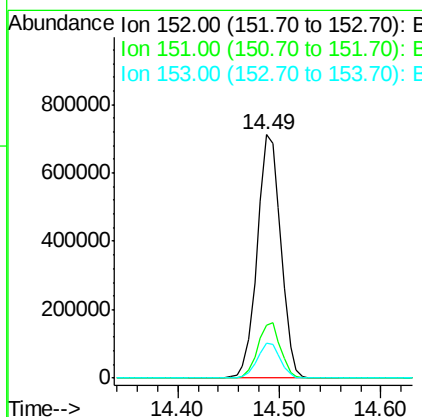
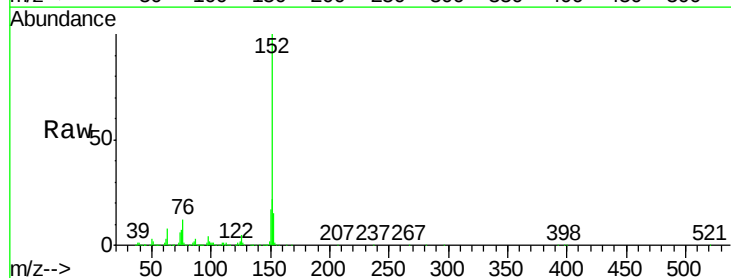
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

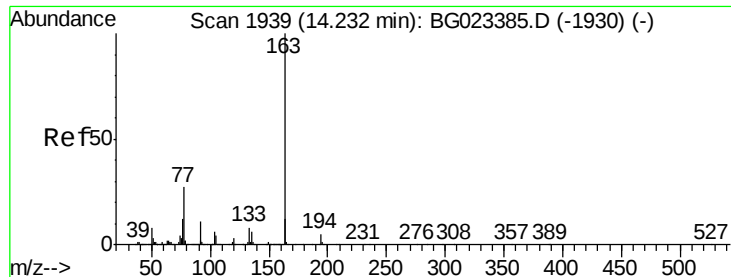
Tgt Ion: 65 Resp: 309684
Ion Ratio Lower Upper
65 100
92 62.1 49.4 74.0
138 80.2 58.0 87.0



#48
Acenaphthylene
Concen: 35.73 ng
RT: 14.49 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

Tgt Ion: 152 Resp: 1142337
Ion Ratio Lower Upper
152 100
151 21.8 17.6 26.4
153 14.5 11.4 17.2





#49

Dimethylphthalate

Concen: 46.91 ng

RT: 14.22 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

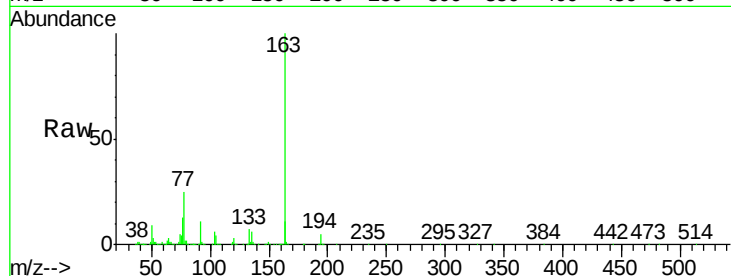
Tgt Ion:163 Resp: 1230922

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

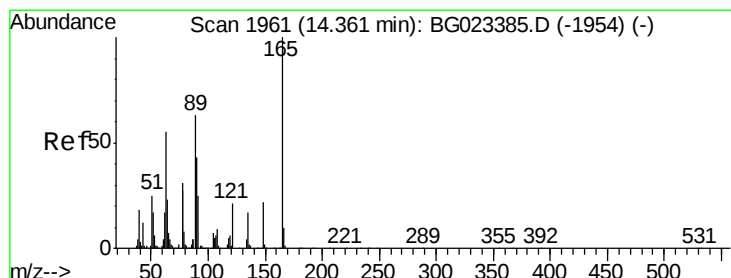
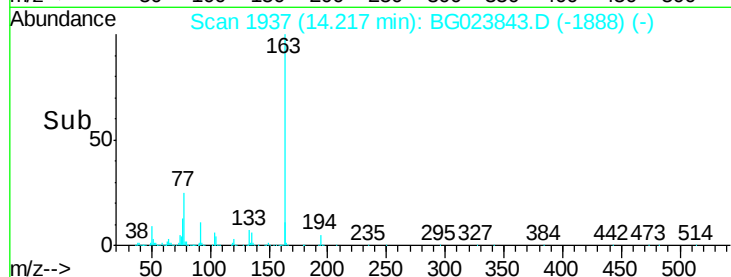
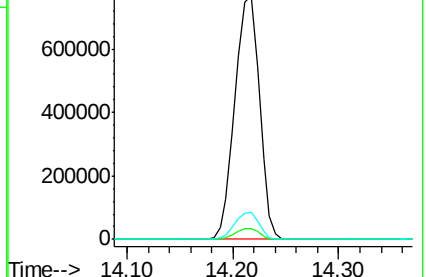
164 11.2 8.1 12.1



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: 36.11 ng

RT: 14.35 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

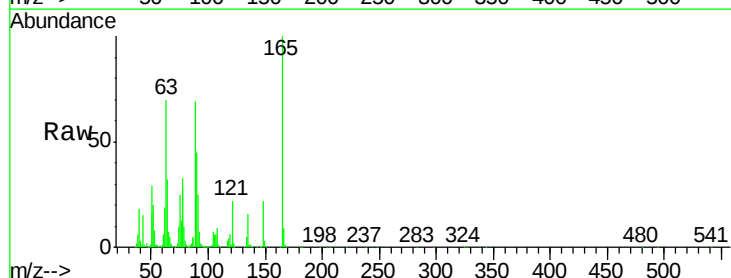
Tgt Ion:165 Resp: 224400

Ion Ratio Lower Upper

165 100

63 70.0 64.3 96.5

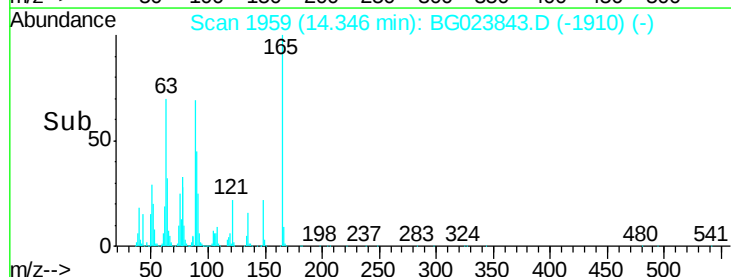
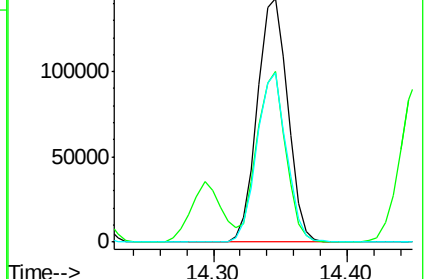
89 69.3 64.3 96.5

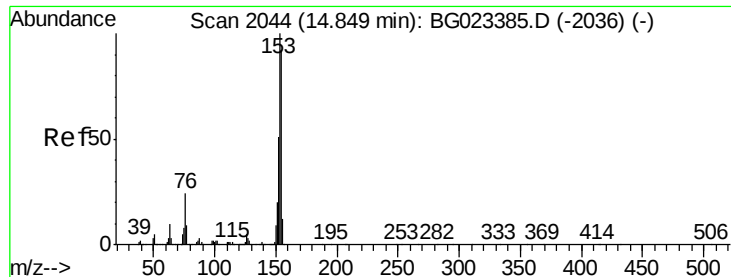


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 35.85 ng

RT: 14.83 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

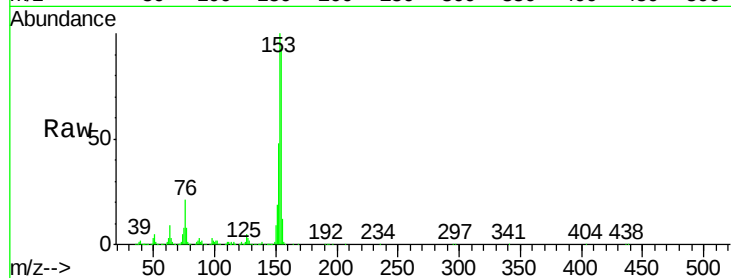
Tgt Ion:154 Resp: 726080

Ion Ratio Lower Upper

154 100

153 107.8 87.5 131.3

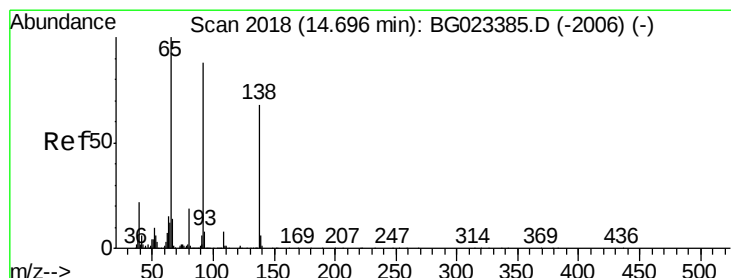
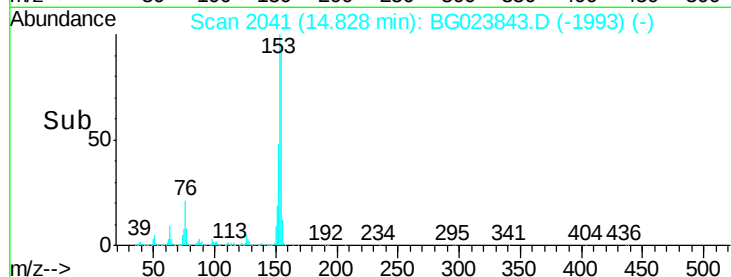
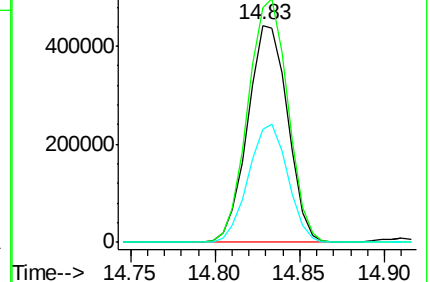
152 52.1 42.7 64.1



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: 21.87 ng

RT: 14.68 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

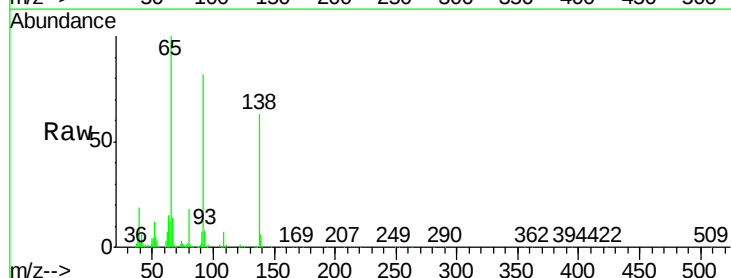
Tgt Ion:138 Resp: 153258

Ion Ratio Lower Upper

138 100

108 11.6 11.7 17.5#

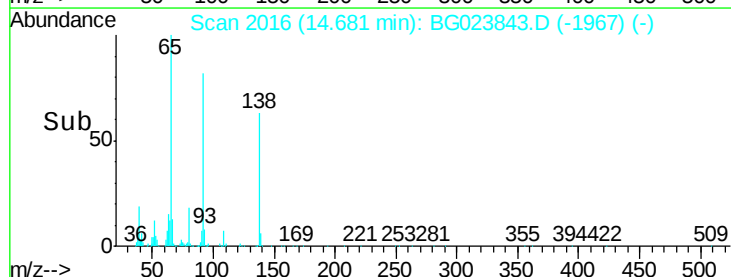
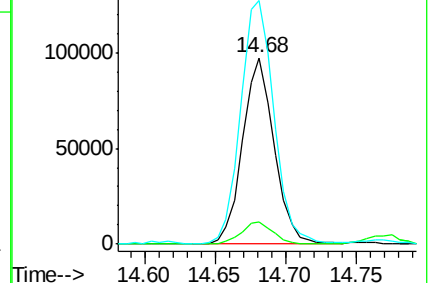
92 130.7 129.7 194.5

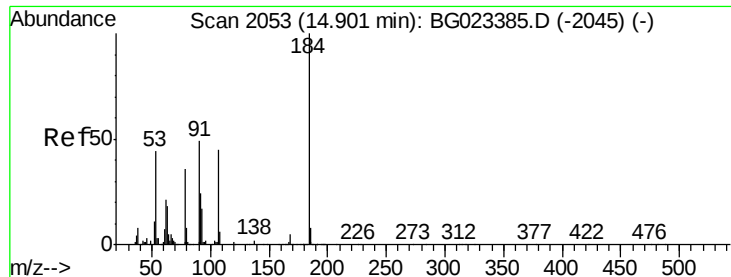


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

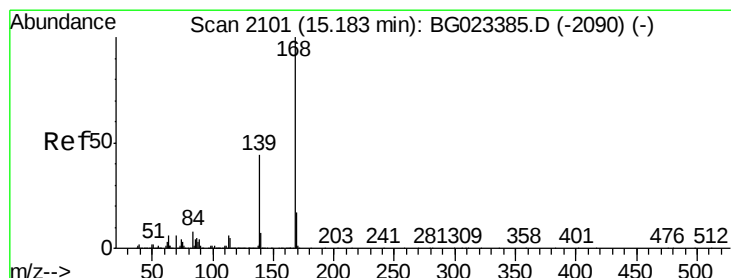
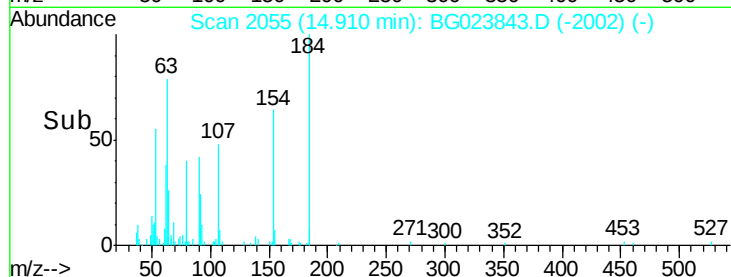
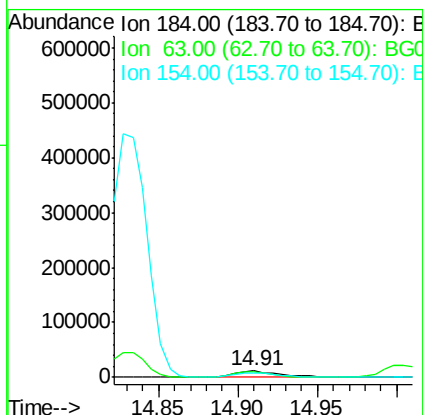
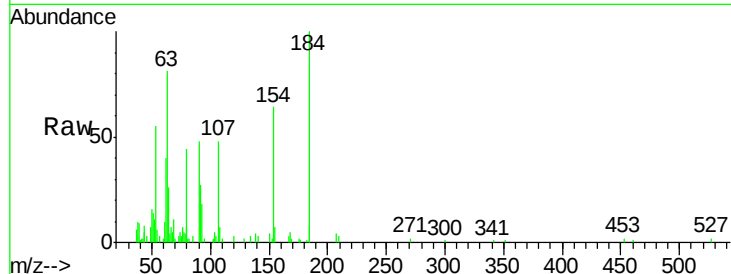




#53
2,4-Dinitrophenol
Concen: 5.95 ng
RT: 14.91 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

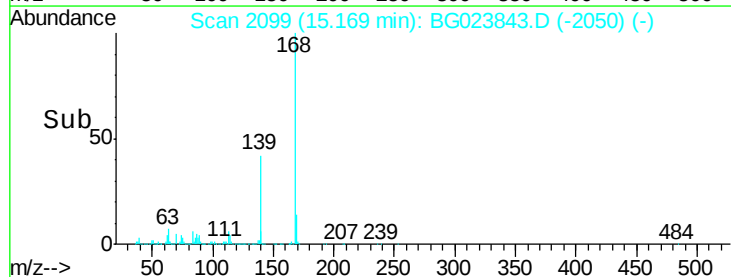
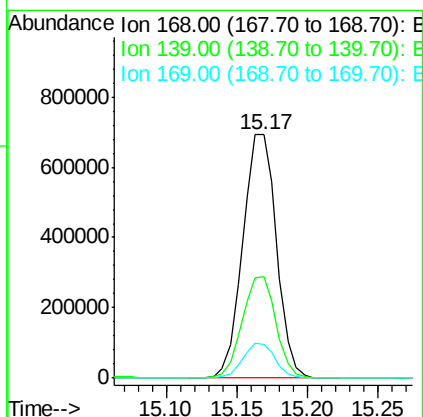
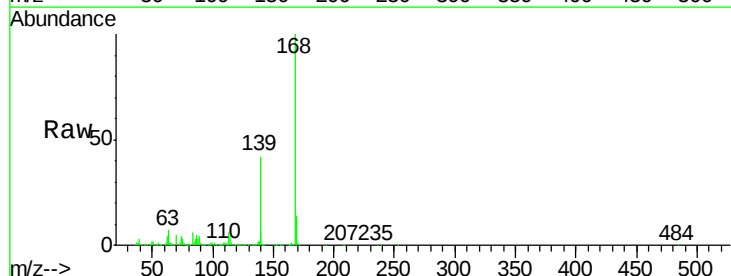
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

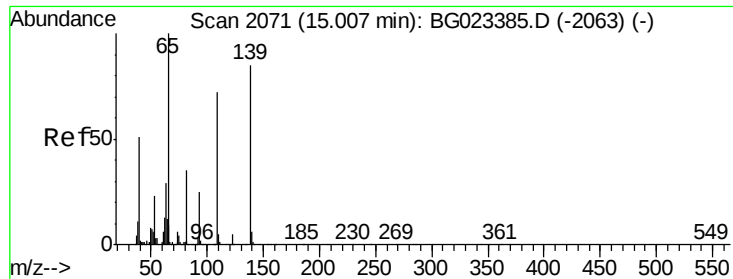
Tgt Ion:184 Resp: 23689
Ion Ratio Lower Upper
184 100
63 80.8 59.6 89.4
154 64.1 67.4 101.0#



#54
Dibenzofuran
Concen: 39.36 ng
RT: 15.17 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

Tgt Ion:168 Resp: 1157587
Ion Ratio Lower Upper
168 100
139 41.9 36.4 54.6
169 13.9 11.9 17.9





#55

4-Nitrophenol

Concen: 24.93 ng

RT: 15.00 min Scan# 2071

Delta R.T. -0.00 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

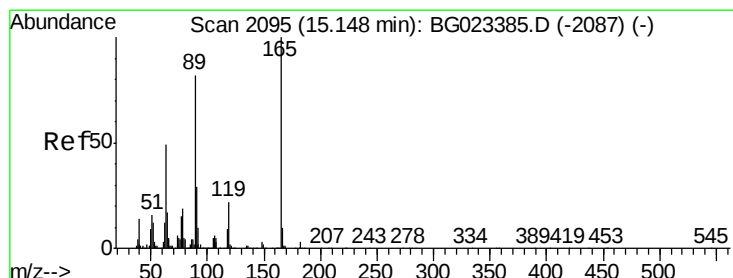
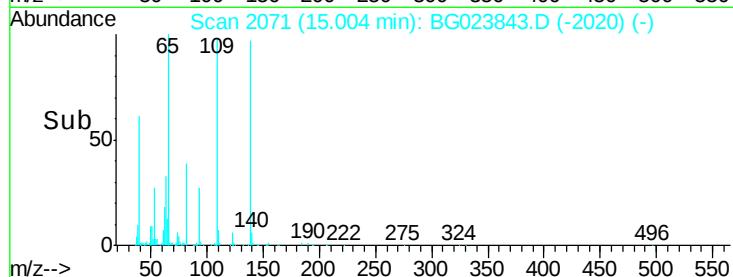
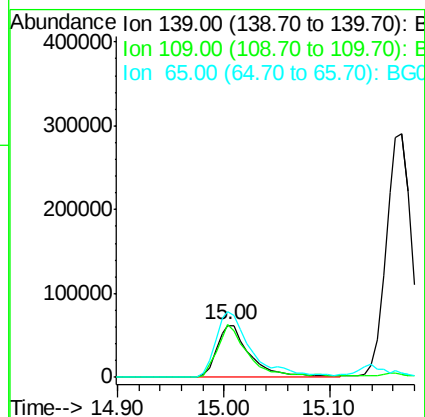
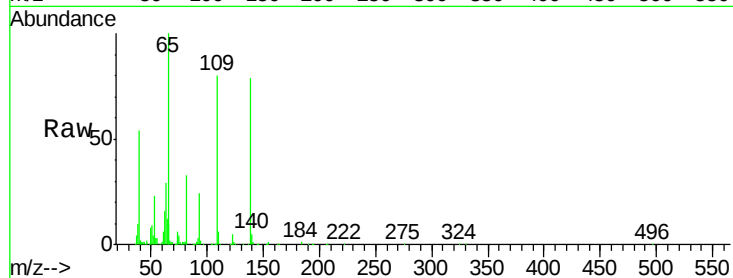
Tgt Ion:139 Resp: 137223

Ion Ratio Lower Upper

139 100

109 101.6 103.0 143.0#

65 126.3 112.7 152.7



#56

2,4-Dinitrotoluene

Concen: 36.85 ng

RT: 15.14 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Tgt Ion:165 Resp: 321407

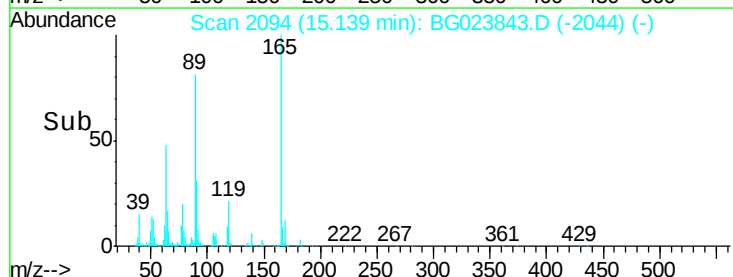
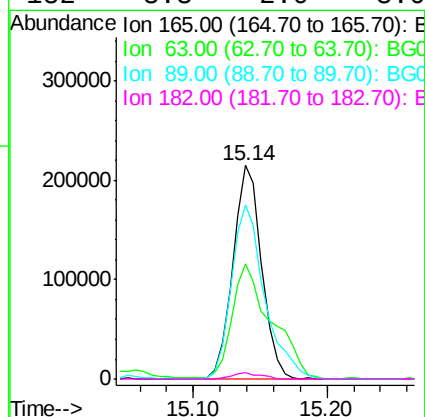
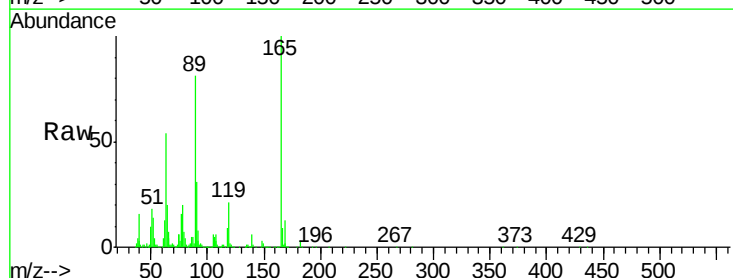
Ion Ratio Lower Upper

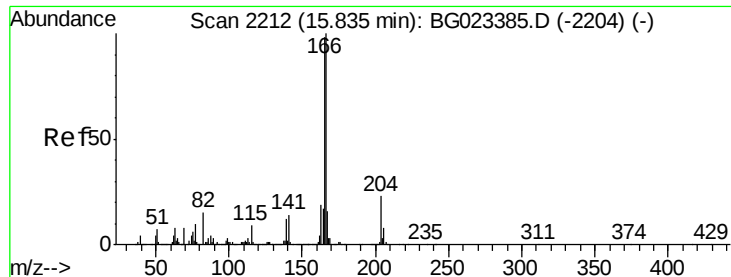
165 100

63 54.1 45.8 68.6

89 81.3 68.6 102.8

182 3.3 2.0 3.0#

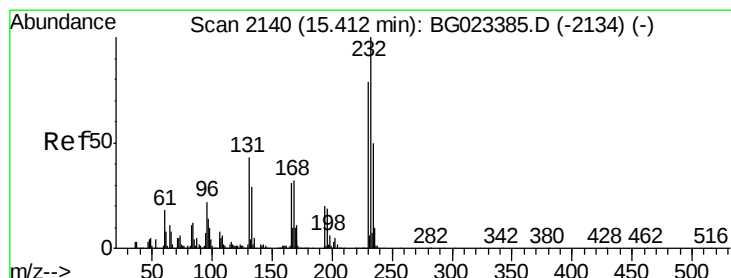
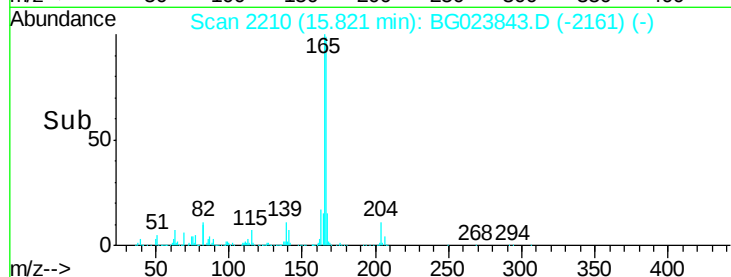
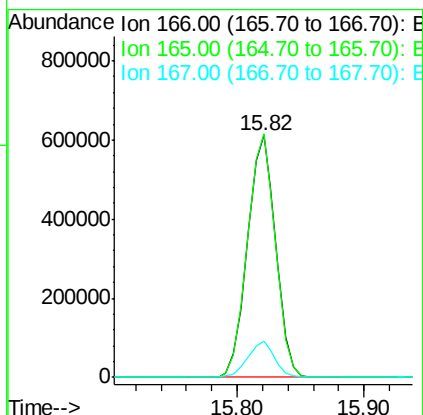
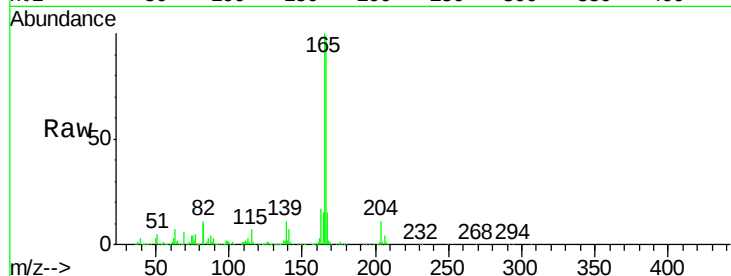




#57
 Fluorene
 Concen: 36.71 ng
 RT: 15.82 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

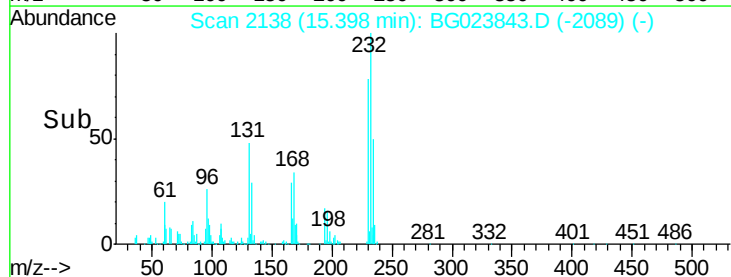
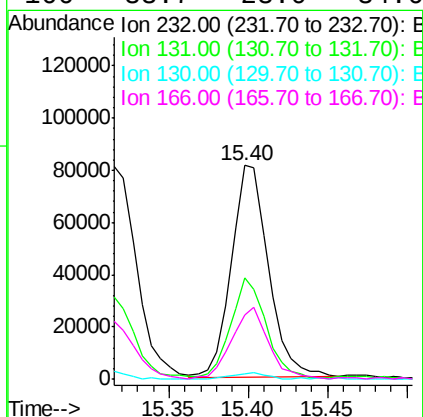
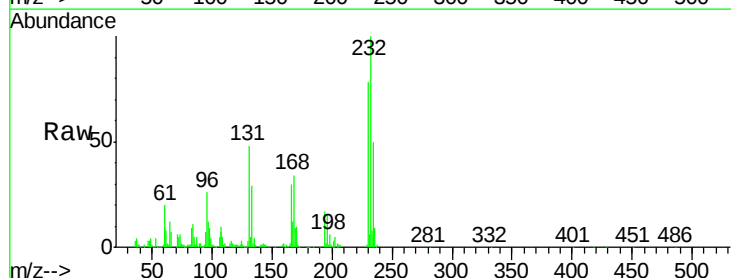
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MSD

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	81.0	121.6
167	14.9	12.0	18.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 18.83 ng
 RT: 15.40 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.4	32.7	49.1
130	2.7	2.6	3.8
166	33.7	23.0	34.6





#59

Diethylphthalate

Concen: 38.37 ng

RT: 15.57 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

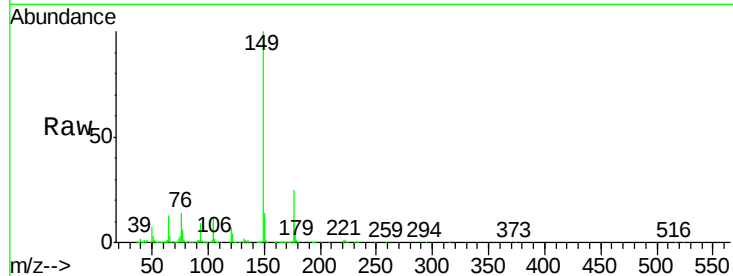
Tgt Ion:149 Resp: 1022189

Ion Ratio Lower Upper

149 100

177 24.5 19.2 28.8

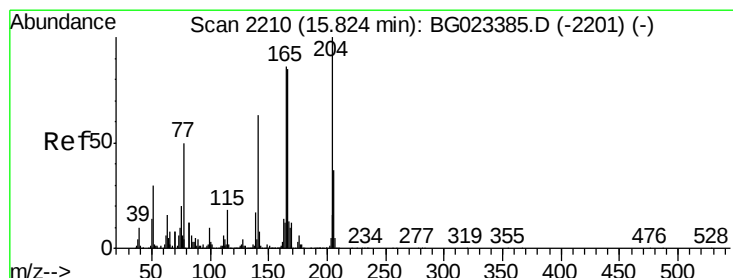
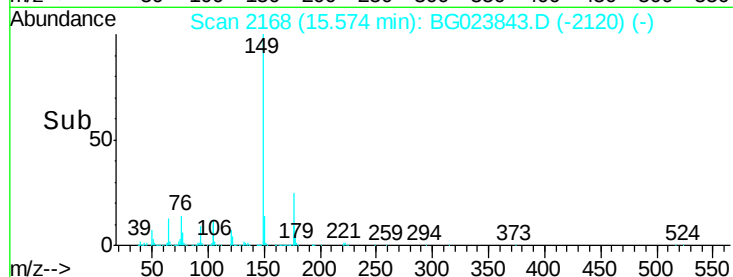
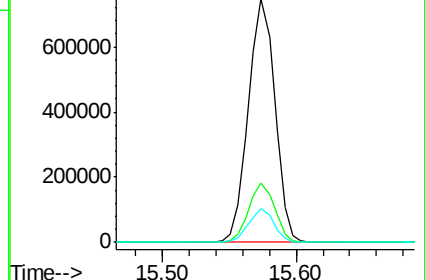
150 14.0 10.6 16.0



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: 35.30 ng

RT: 15.80 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

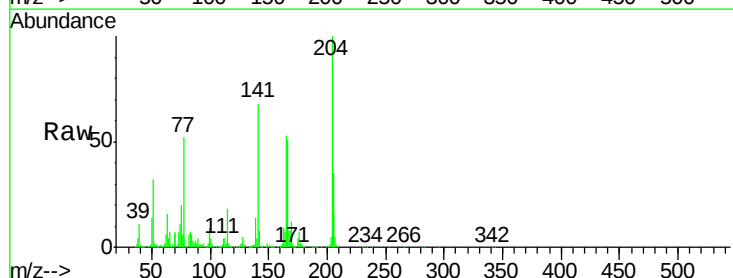
Tgt Ion:204 Resp: 479464

Ion Ratio Lower Upper

204 100

206 35.1 28.5 42.7

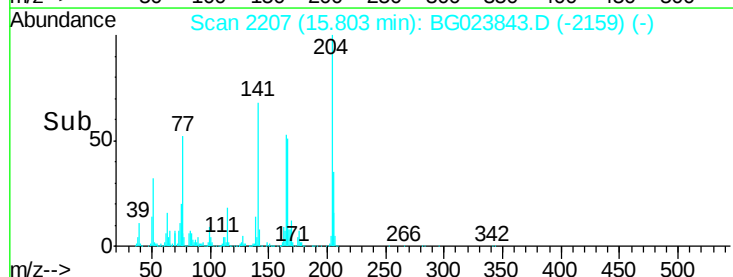
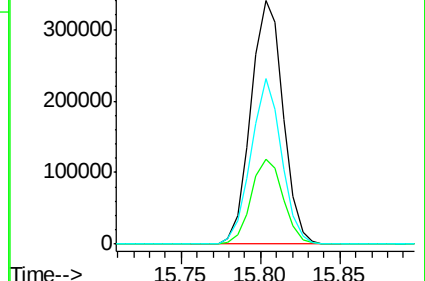
141 67.9 51.4 77.0

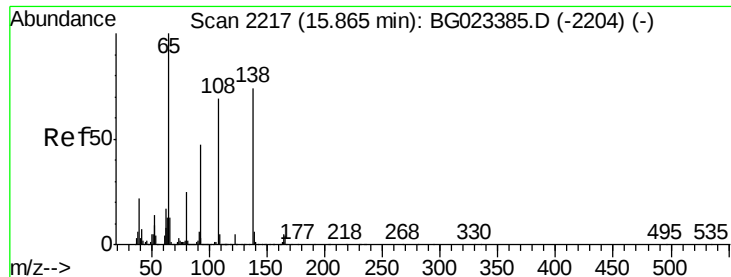


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

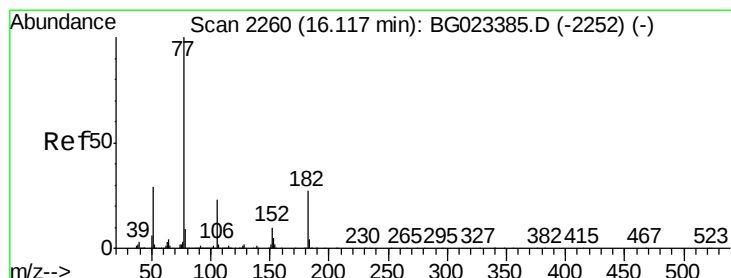
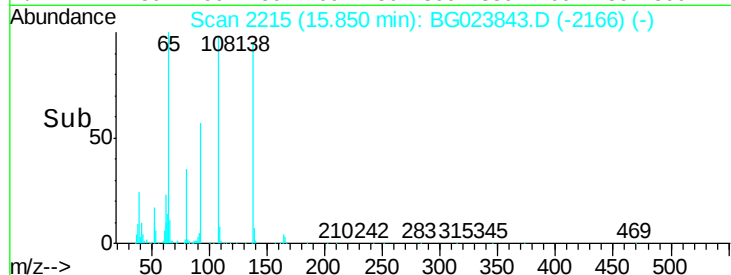
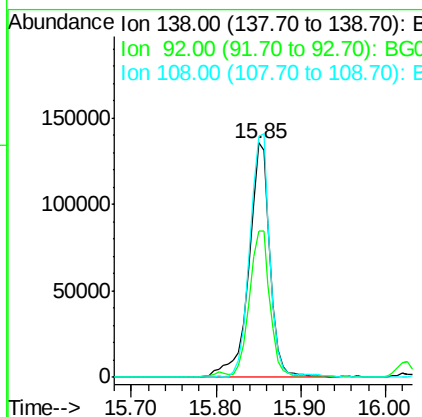
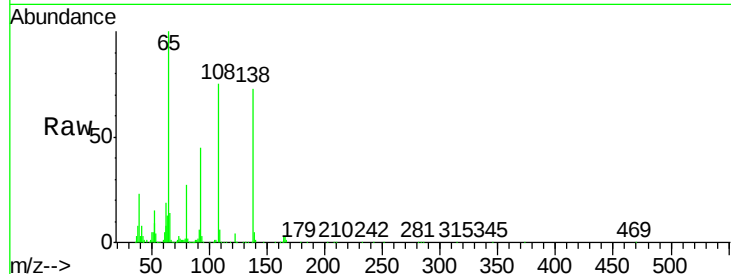




#61
4-Nitroaniline
Concen: 31.99 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

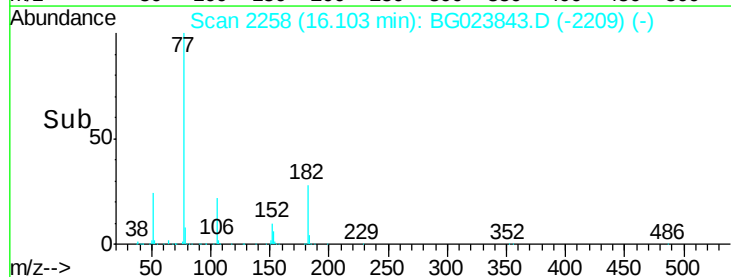
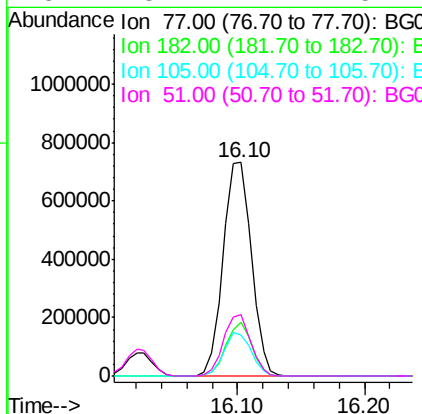
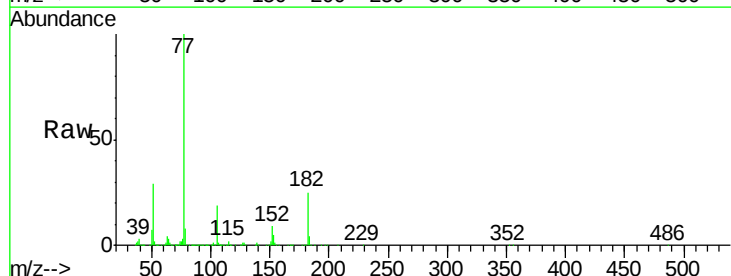
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

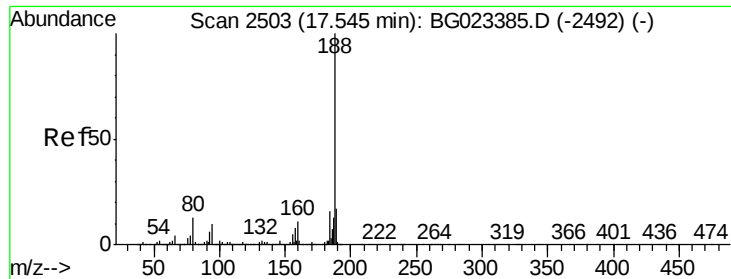
Tgt Ion: 138 Resp: 238671
Ion Ratio Lower Upper
138 100
92 62.4 54.1 94.1
108 102.9 133.9 173.9#



#62
Azobenzene
Concen: 41.74 ng
RT: 16.10 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

Tgt Ion: 77 Resp: 1127021
Ion Ratio Lower Upper
77 100
182 24.9 3.5 43.5
105 19.4 0.0 38.5
51 28.7 17.1 57.1

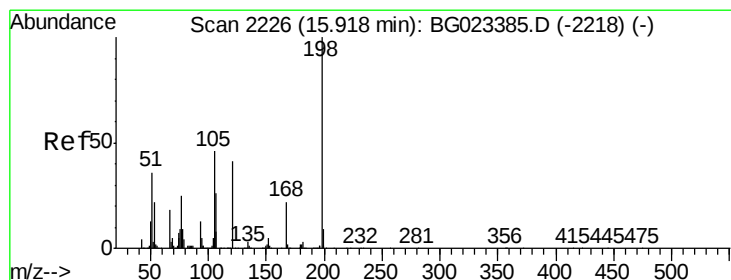
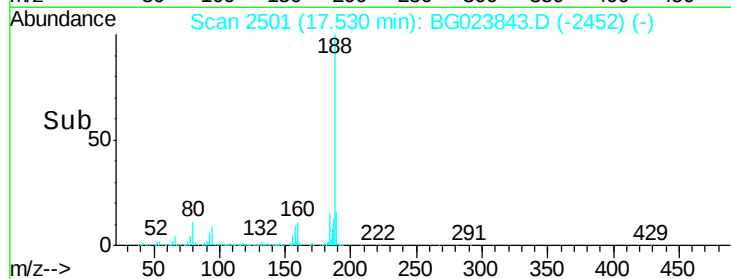
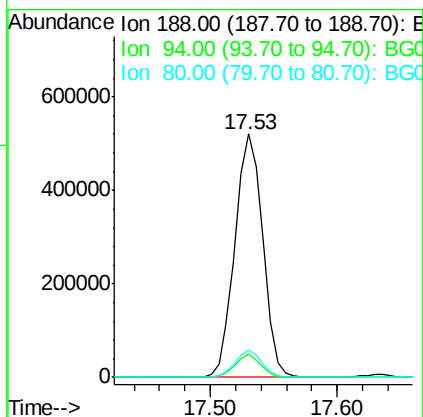
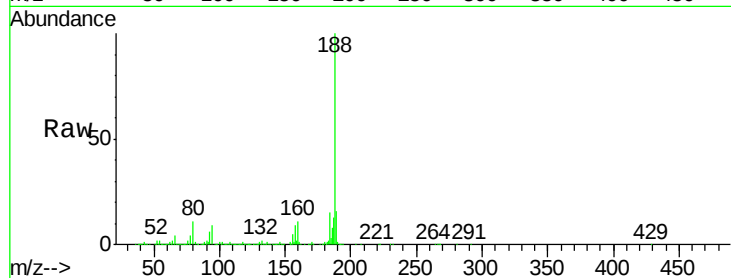




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

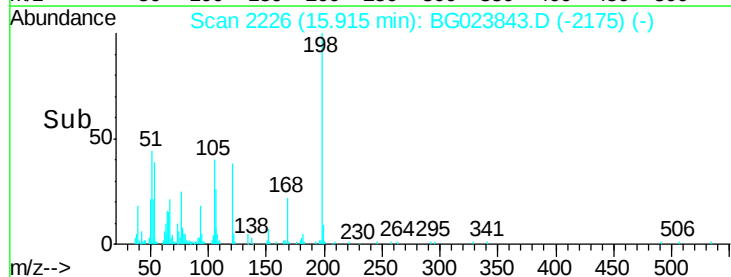
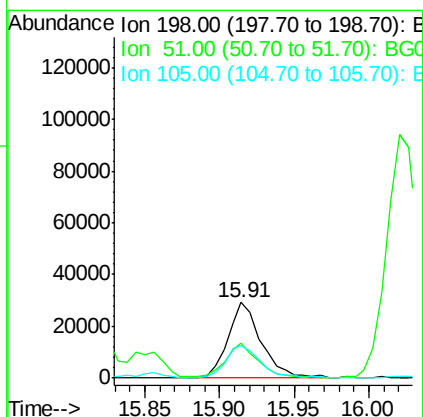
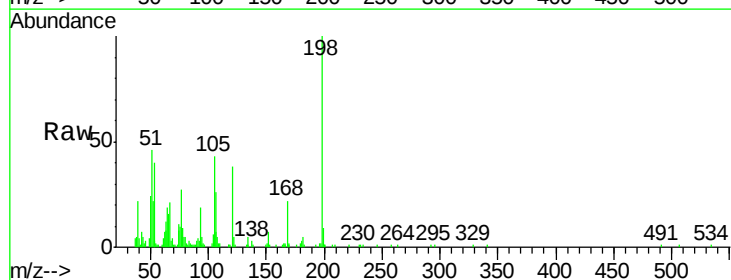
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MSD

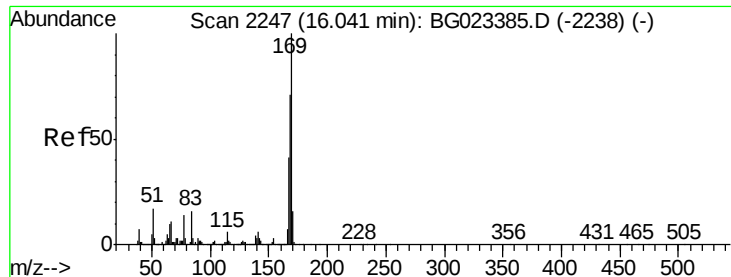
Tgt Ion:188 Resp: 791092
Ion Ratio Lower Upper
188 100
94 9.4 5.2 7.8#
80 11.4 7.2 10.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.50 ng
RT: 15.91 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG023843.D
Acq: 22 Aug 2016 21:15

Tgt Ion:198 Resp: 45727
Ion Ratio Lower Upper
198 100
51 46.1 26.0 66.0
105 42.6 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 37.31 ng

RT: 16.03 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

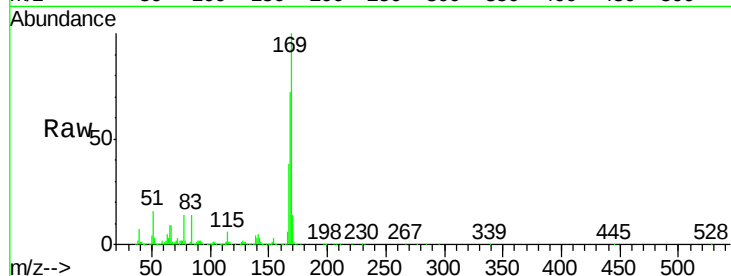
Tgt Ion:169 Resp: 865813

Ion Ratio Lower Upper

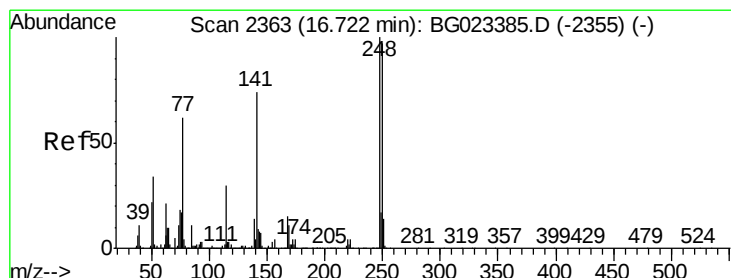
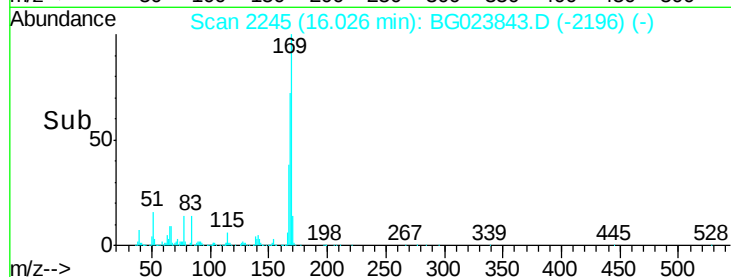
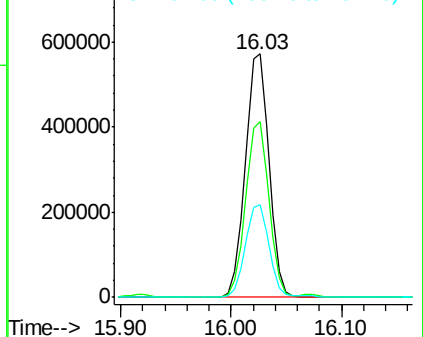
169 100

168 72.0 55.0 82.4

167 38.1 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: 36.37 ng

RT: 16.71 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

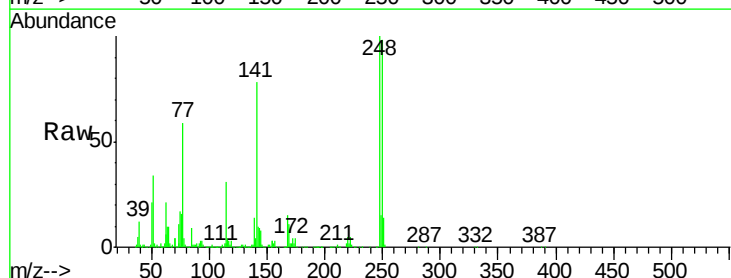
Tgt Ion:248 Resp: 335315

Ion Ratio Lower Upper

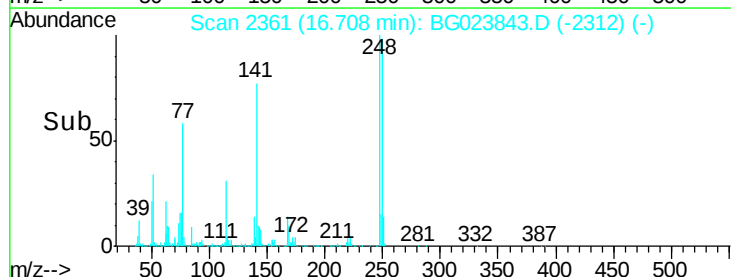
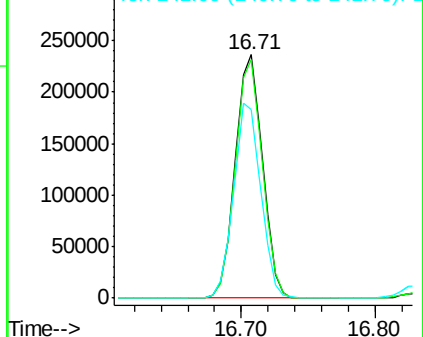
248 100

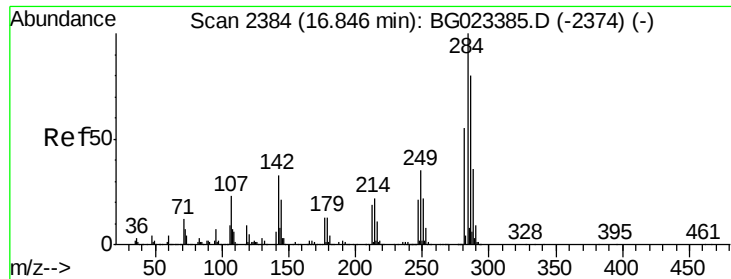
250 98.1 77.8 116.8

141 77.6 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: 35.61 ng

RT: 16.83 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

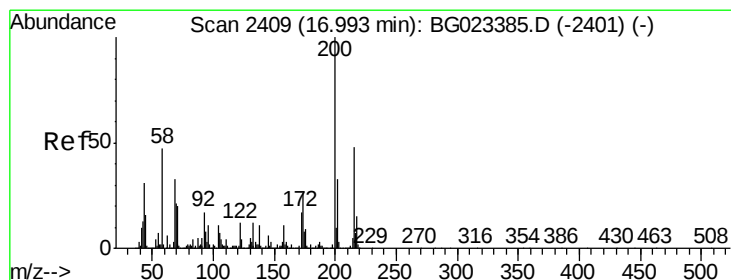
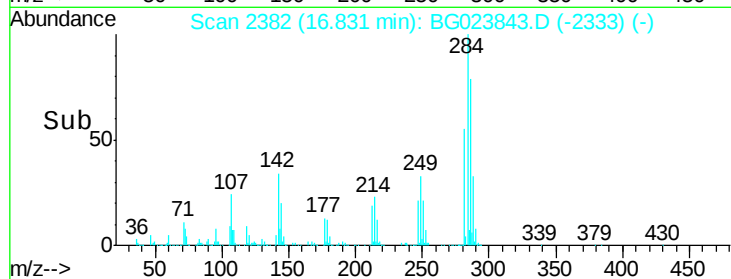
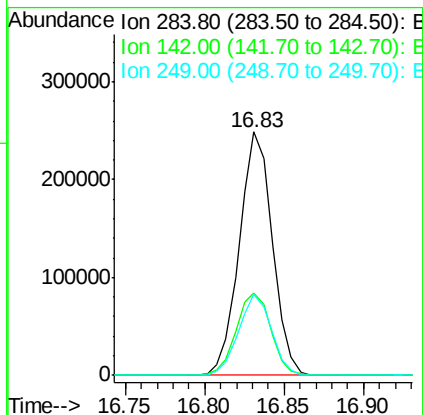
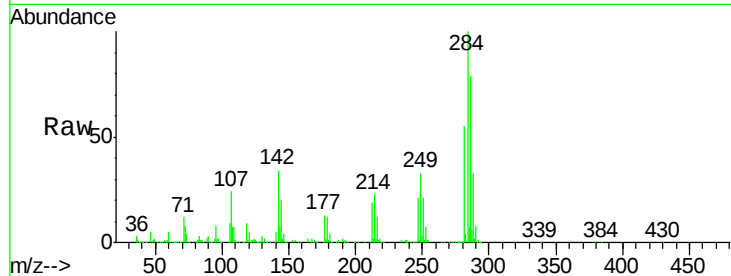
Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

Tgt Ion:	284	Resp:	359195
Ion Ratio	Lower	Upper	
284	100		
142	33.6	26.8	40.2
249	33.2	28.9	43.3



#68

Atrazine

Concen: 39.52 ng

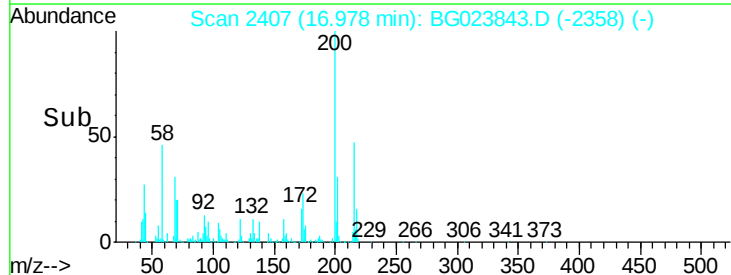
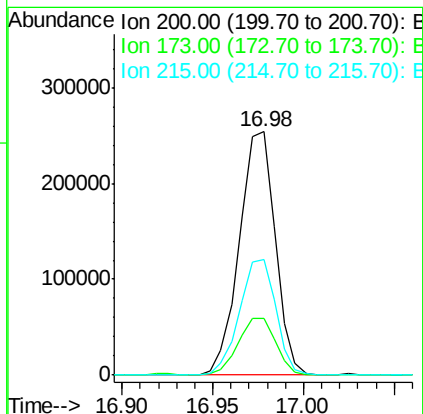
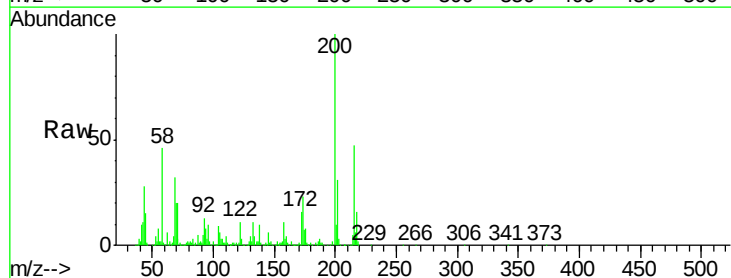
RT: 16.98 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Tgt Ion:	200	Resp:	352159
Ion Ratio	Lower	Upper	
200	100		
173	23.4	1.6	41.6
215	47.3	28.7	68.7

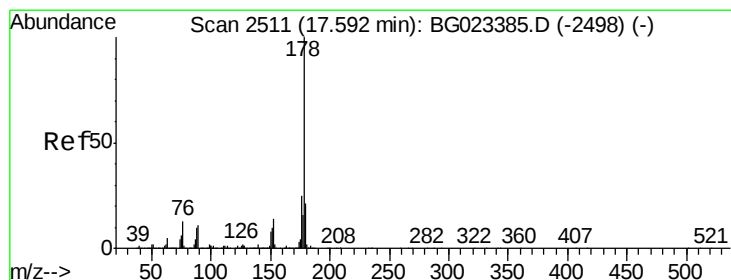
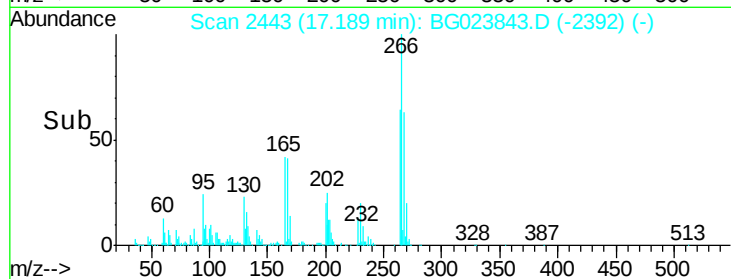
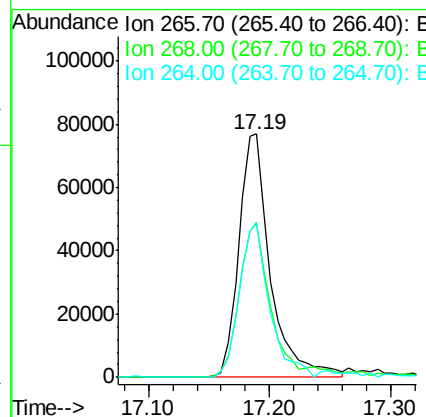
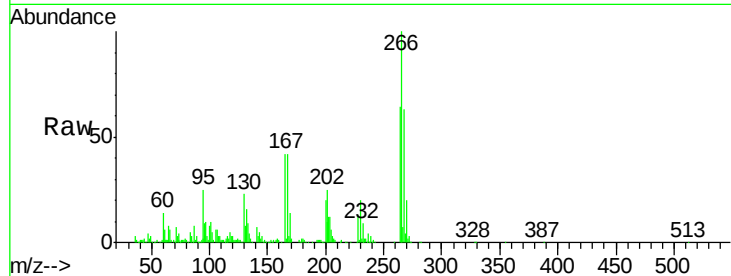




#69
 Pentachlorophenol
 Concen: 23.70 ng
 RT: 17.19 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

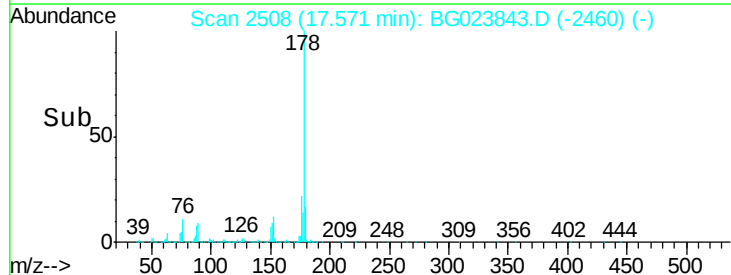
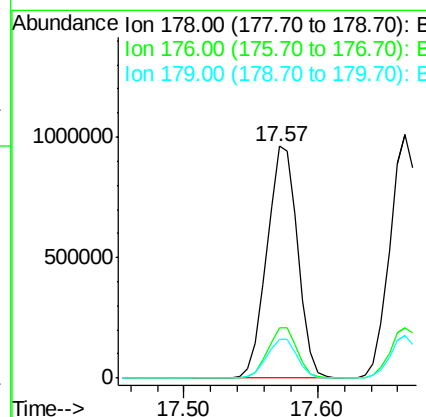
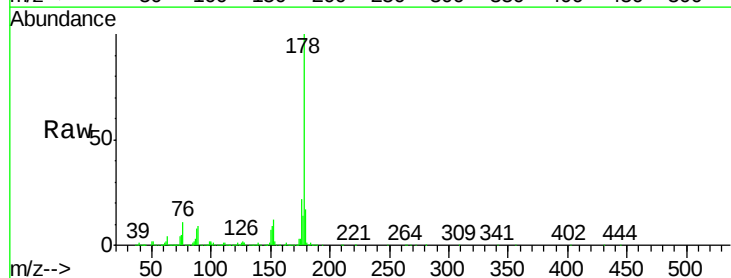
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MSD

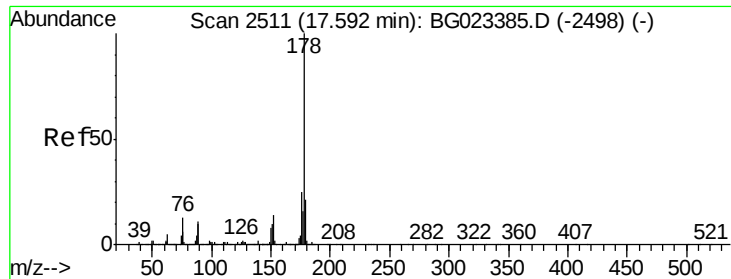
Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.9	77.9
264	63.8	50.6	75.8



#70
 Phenanthrene
 Concen: 38.11 ng
 RT: 17.57 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.0	16.8	25.2
179	16.8	14.3	21.5

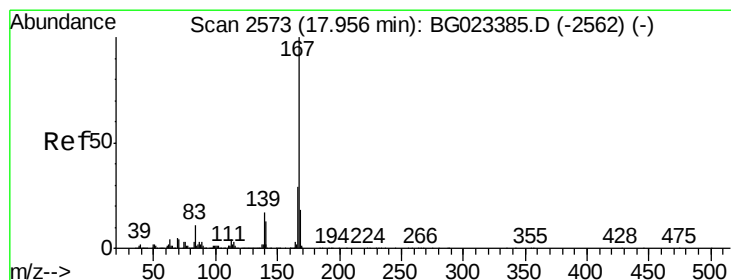
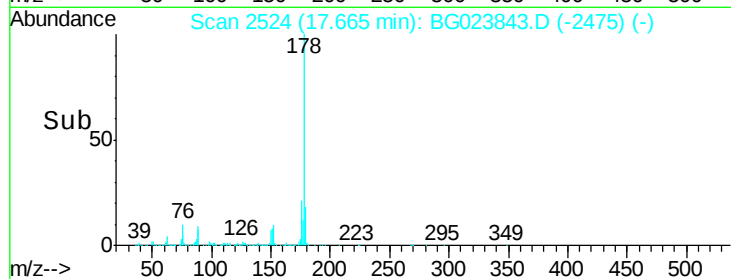
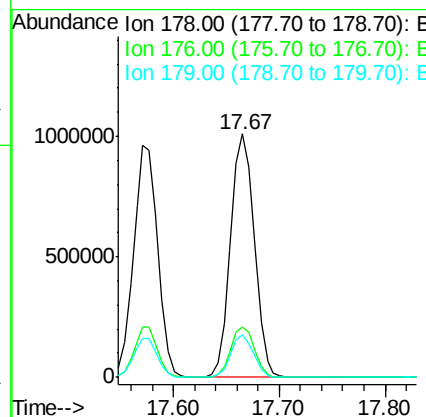
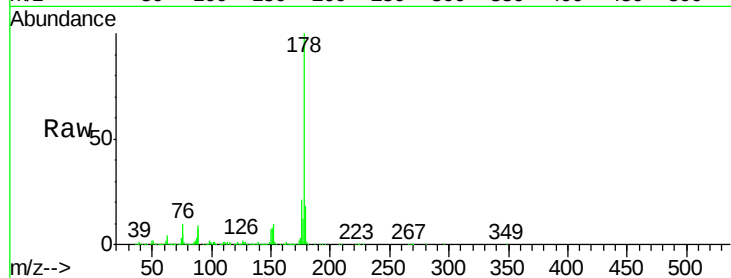




#71
 Anthracene
 Concen: 38.99 ng
 RT: 17.67 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

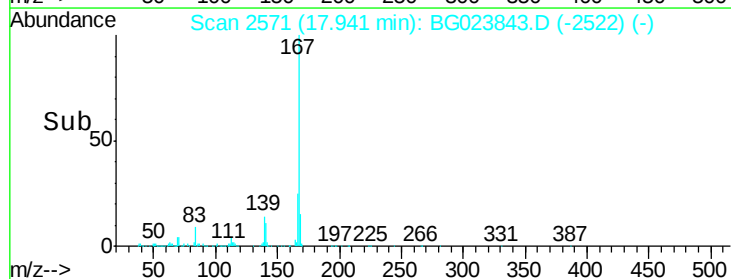
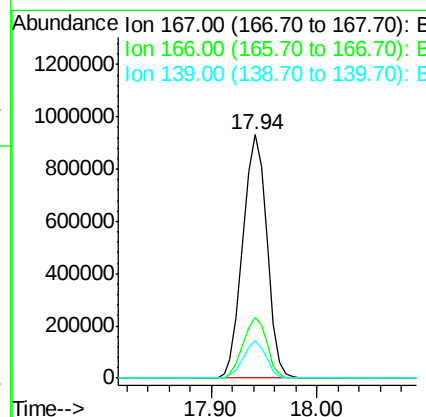
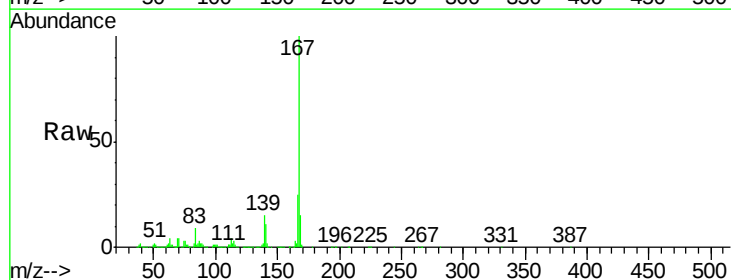
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MSD

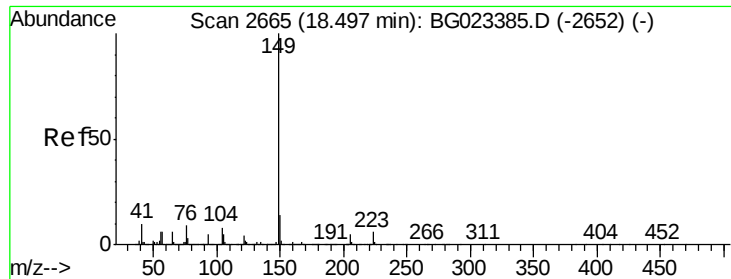
Tgt Ion:178 Resp: 1574122
 Ion Ratio Lower Upper
 178 100
 176 20.9 17.3 25.9
 179 17.8 14.0 21.0



#72
 Carbazole
 Concen: 41.27 ng
 RT: 17.94 min Scan# 2571
 Delta R.T. -0.01 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

Tgt Ion:167 Resp: 1463241
 Ion Ratio Lower Upper
 167 100
 166 25.1 20.7 31.1
 139 15.2 11.9 17.9





#73

Di-n-butylphthalate

Concen: 48.44 ng

RT: 18.48 min Scan# 2662

Delta R.T. -0.02 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

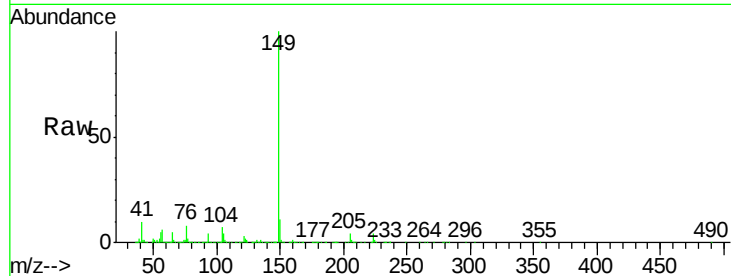
Tgt Ion:149 Resp: 1720368

Ion Ratio Lower Upper

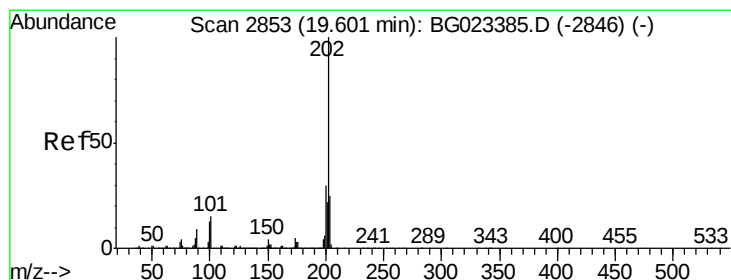
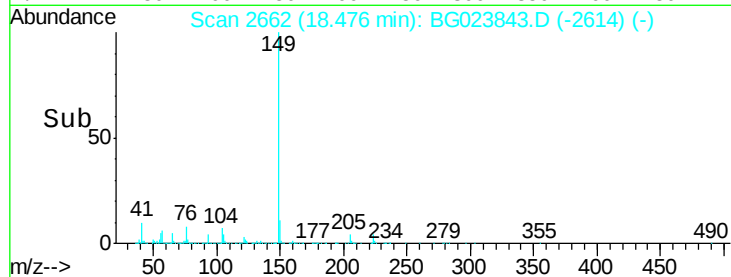
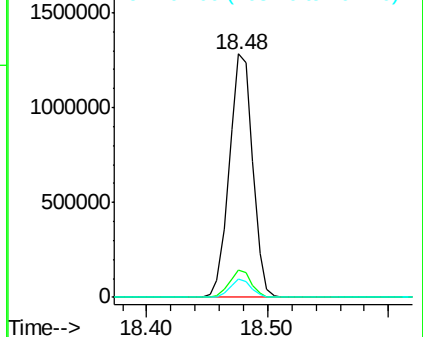
149 100

150 11.2 9.1 13.7

104 7.5 6.9 10.3



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



#74

Fluoranthene

Concen: 50.19 ng

RT: 19.59 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

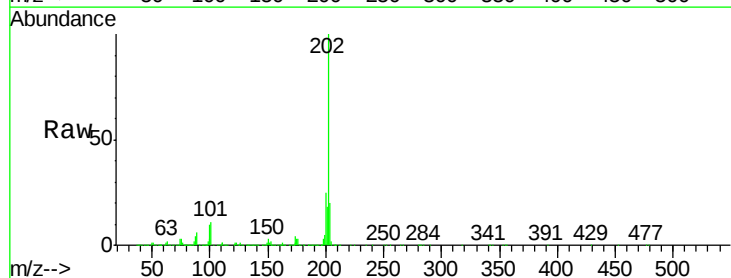
Tgt Ion:202 Resp: 1857112

Ion Ratio Lower Upper

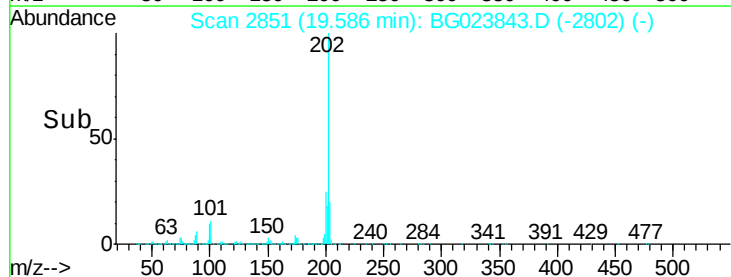
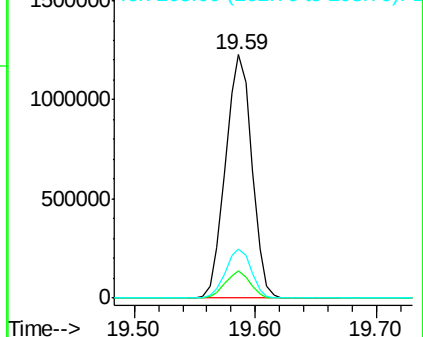
202 100

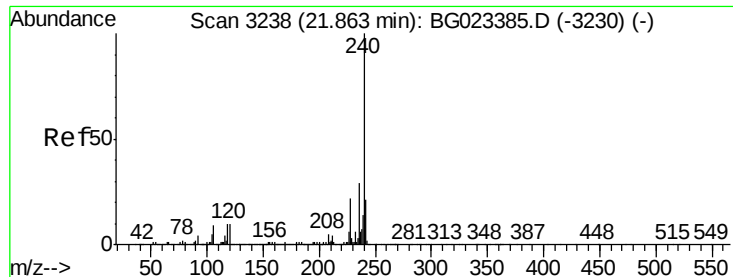
101 11.1 0.0 27.4

203 20.1 1.7 41.7



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

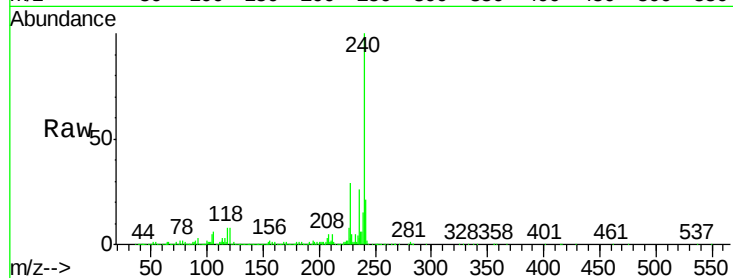
Tgt Ion:240 Resp: 873392

Ion Ratio Lower Upper

240 100

120 8.1 4.1 6.1#

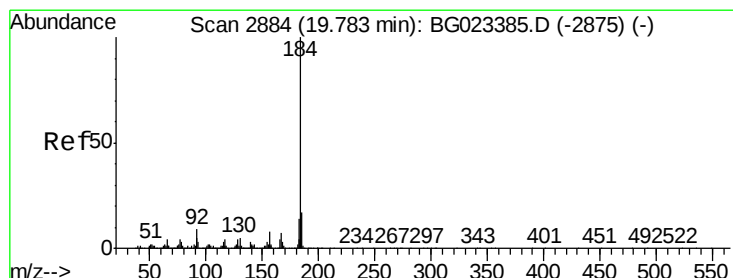
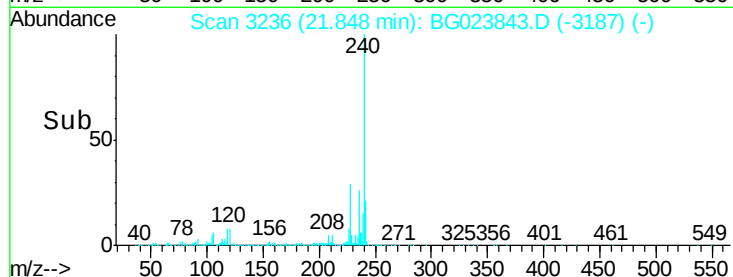
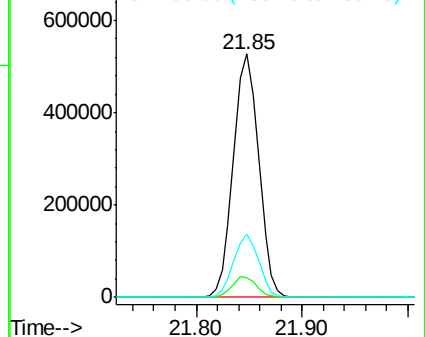
236 25.7 21.1 31.7



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: 90.22 ng

RT: 19.77 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

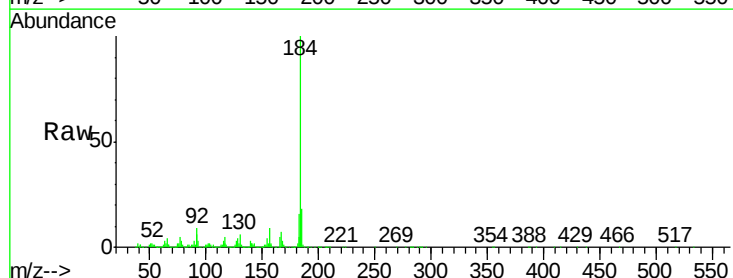
Tgt Ion:184 Resp: 2190372

Ion Ratio Lower Upper

184 100

185 18.3 12.6 19.0

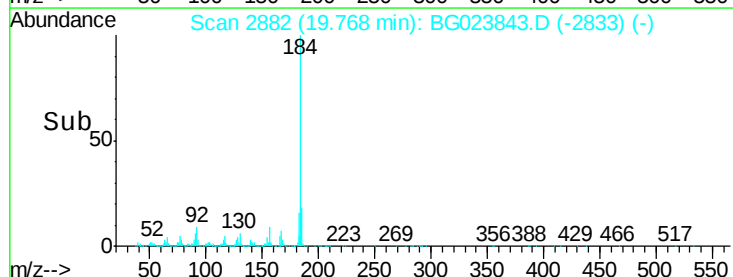
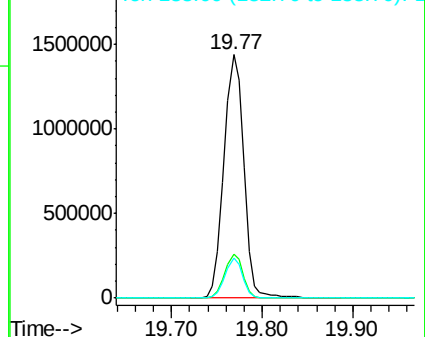
183 16.4 10.7 16.1#

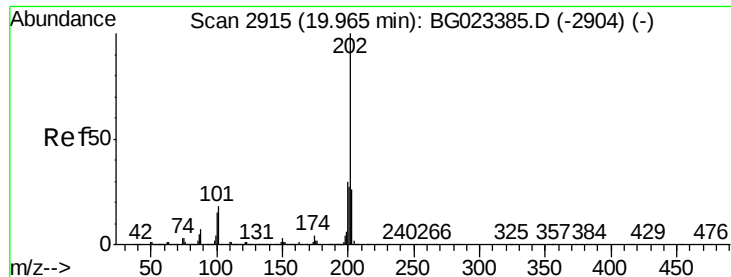


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

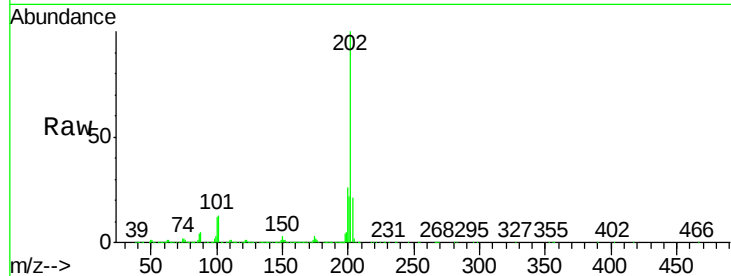




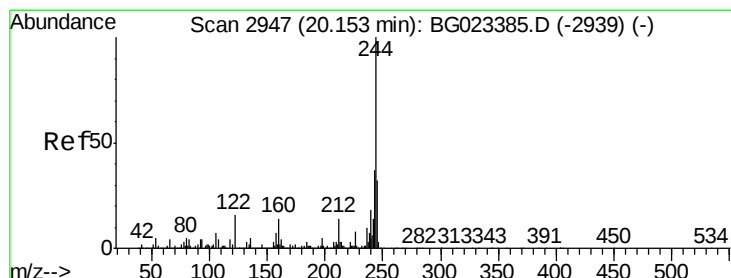
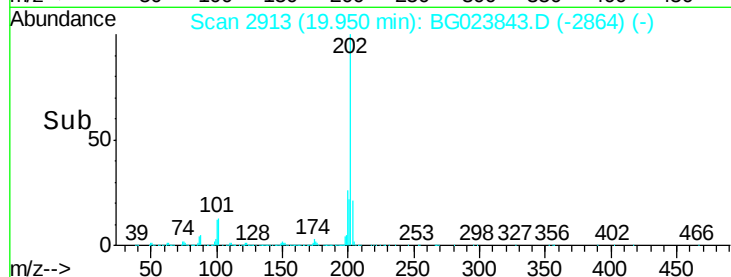
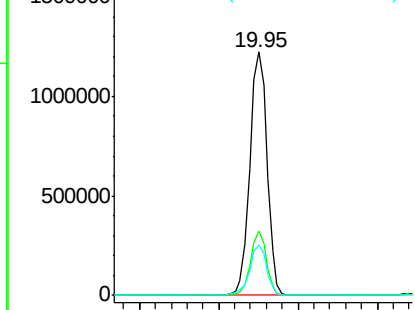
#77
 Pyrene
 Concen: 35.70 ng
 RT: 19.95 min Scan# 2913
 Delta R.T. -0.01 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

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

Tgt Ion:202 Resp: 1855912
 Ion Ratio Lower Upper
 202 100
 200 26.2 21.2 31.8
 203 20.6 16.8 25.2

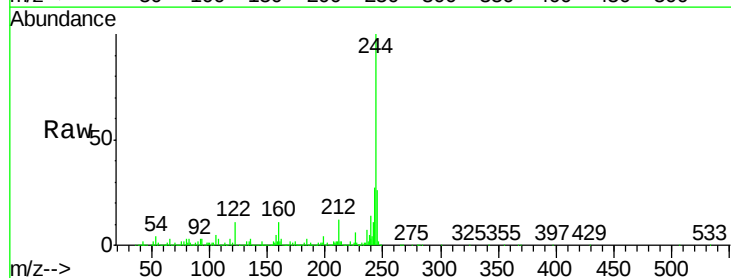


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

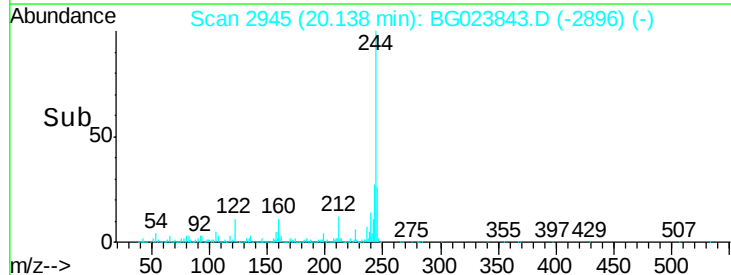
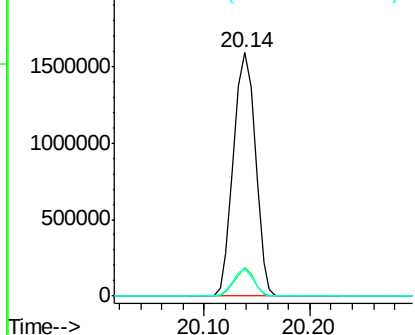


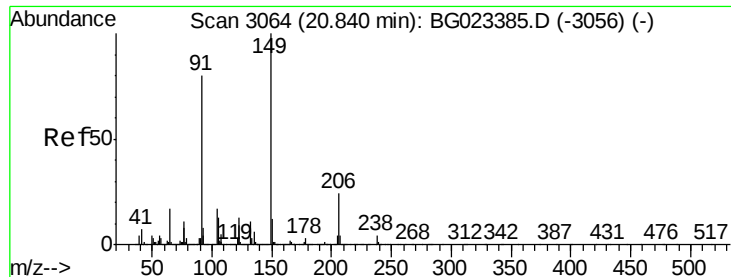
#78
 Terphenyl-d14
 Concen: 81.07 ng
 RT: 20.14 min Scan# 2945
 Delta R.T. -0.01 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

Tgt Ion:244 Resp: 2287281
 Ion Ratio Lower Upper
 244 100
 212 11.8 10.8 16.2
 122 11.2 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: 40.42 ng

RT: 20.83 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

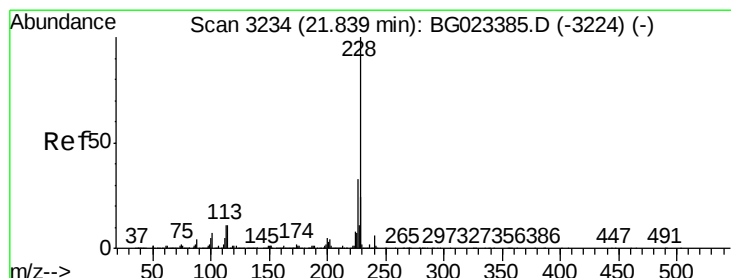
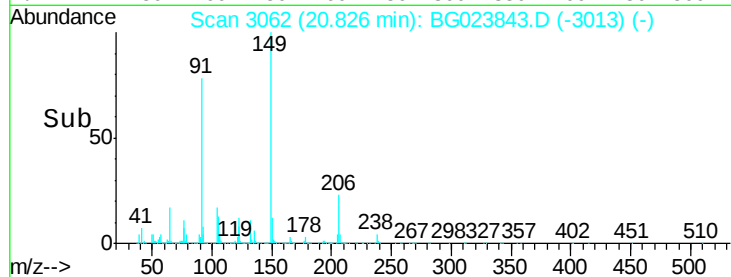
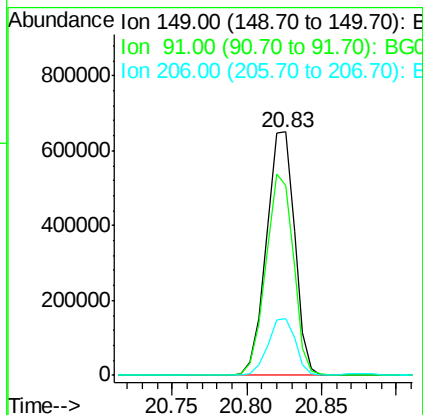
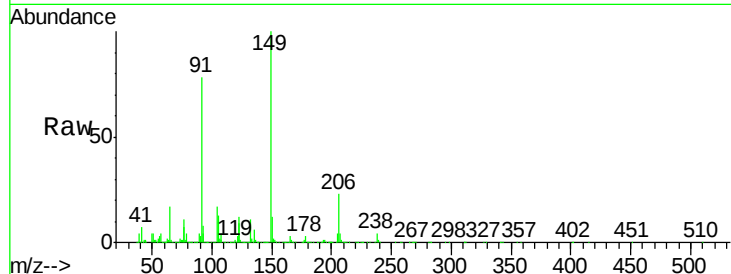
Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

Tgt Ion:	149	Resp:	850030
Ion Ratio	Lower	Upper	
149	100		
91	77.8	68.1	102.1
206	23.5	19.8	29.6



#80

Benzo(a)anthracene

Concen: 37.85 ng

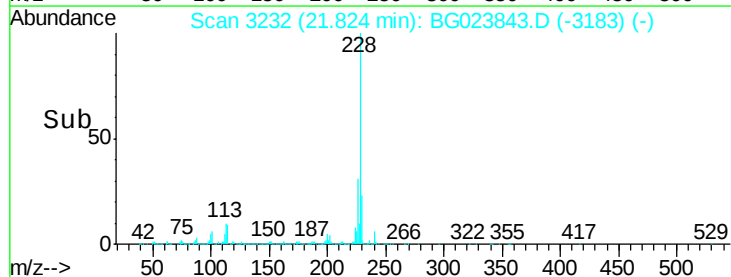
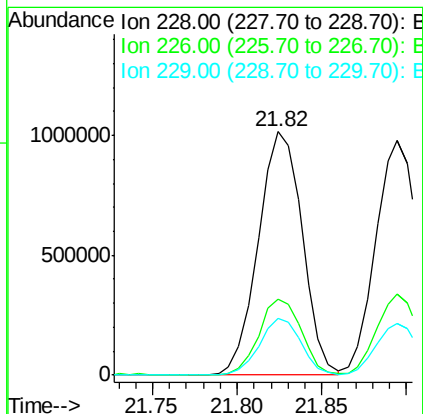
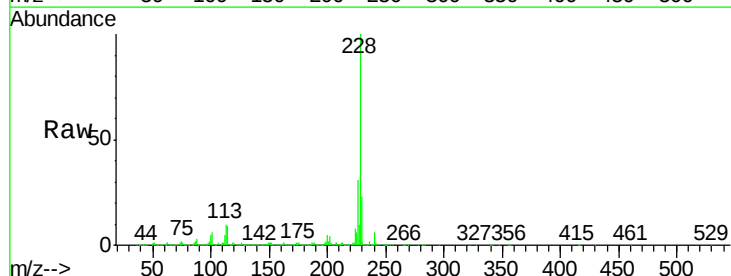
RT: 21.82 min Scan# 3232

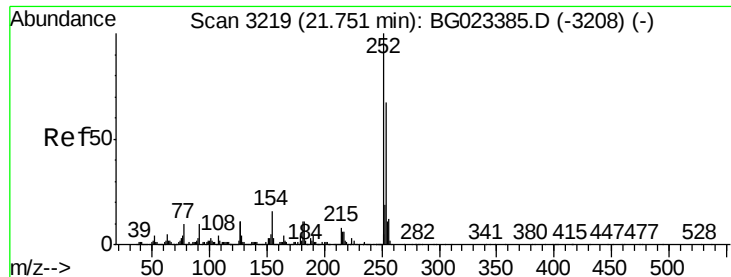
Delta R.T. -0.01 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Tgt Ion:	228	Resp:	1824981
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.3	37.9
229	23.4	19.9	29.9

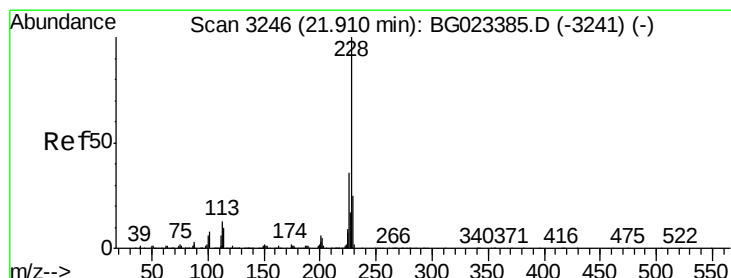
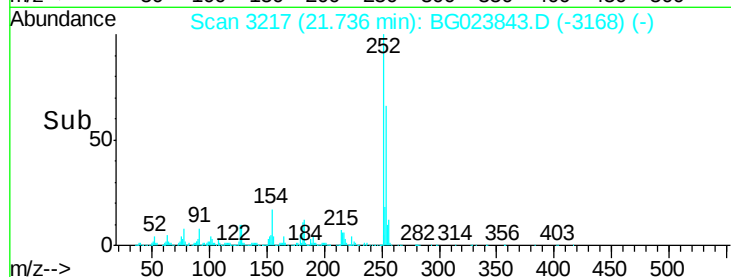
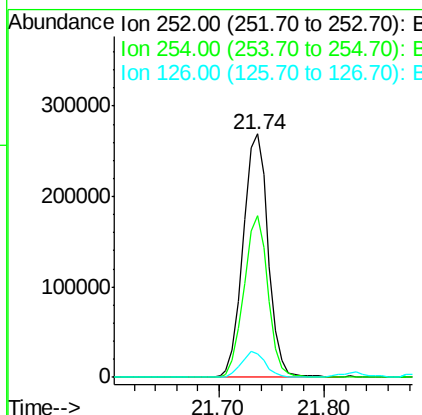
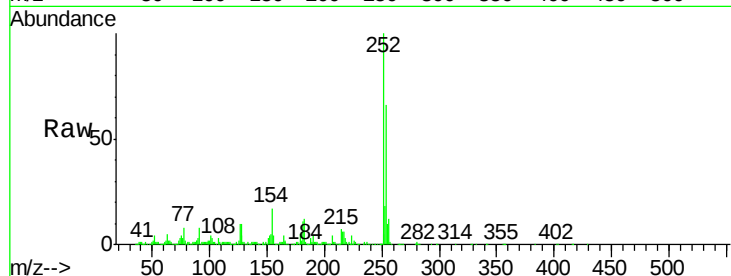




#81
 3,3'-Dichlorobenzidine
 Concen: 22.44 ng
 RT: 21.74 min Scan# 3217
 Delta R.T. -0.01 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

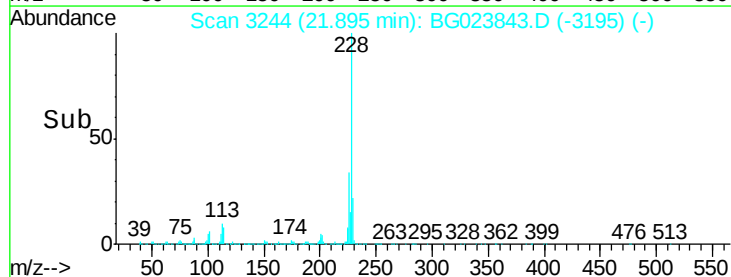
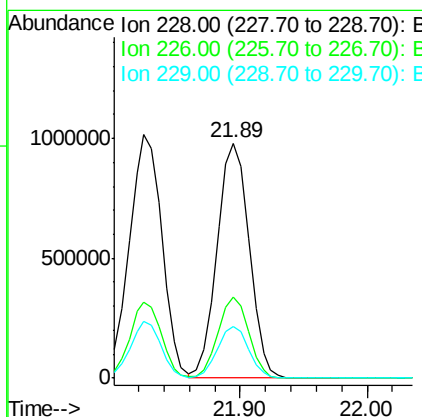
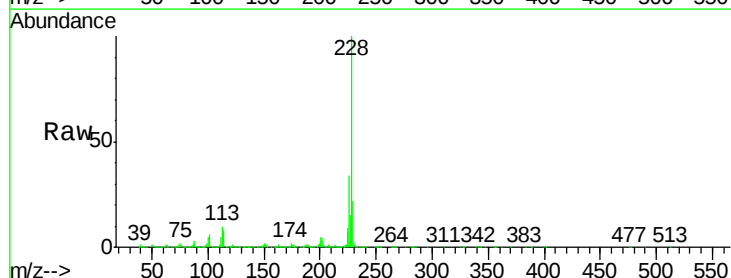
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MSD

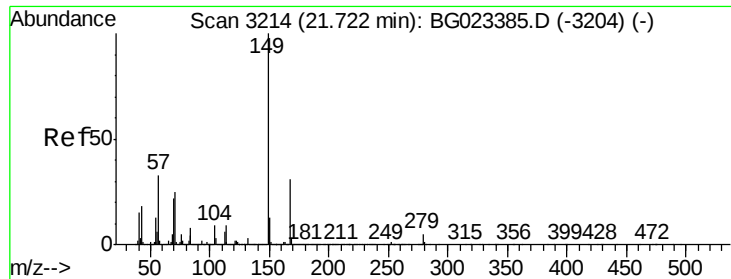
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.2	76.8
126	9.8	5.3	7.9#



#82
 Chrysene
 Concen: 37.49 ng
 RT: 21.89 min Scan# 3244
 Delta R.T. -0.01 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.3	26.7	40.1
229	22.3	17.4	26.2

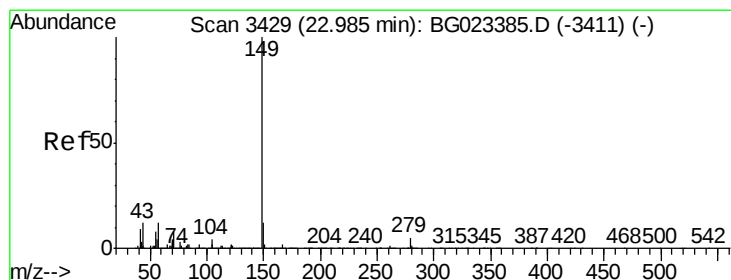
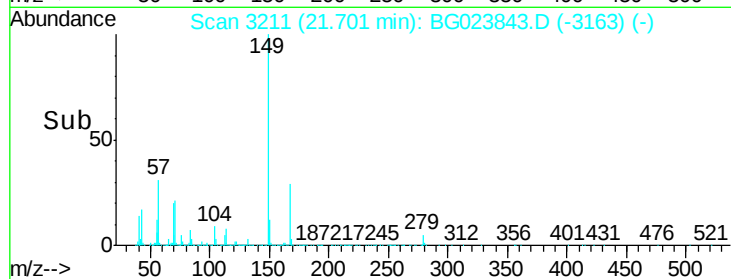
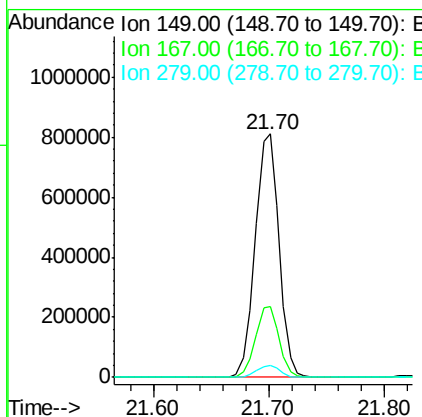
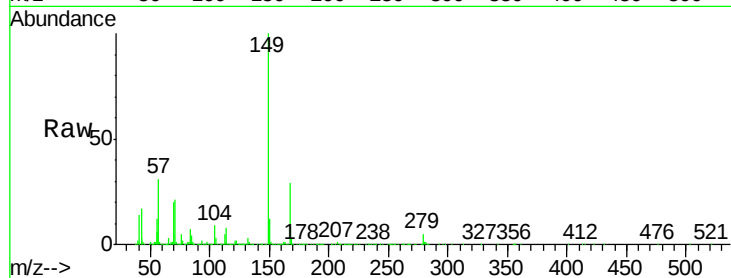




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.39 ng
 RT: 21.70 min Scan# 3211
 Delta R.T. -0.02 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

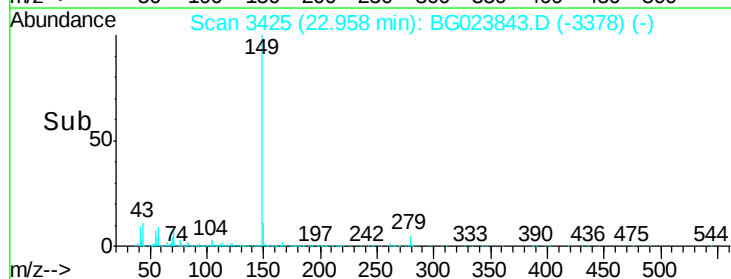
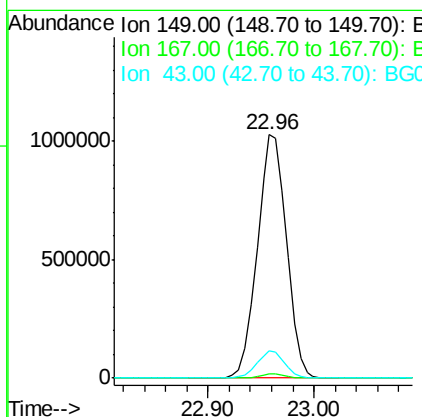
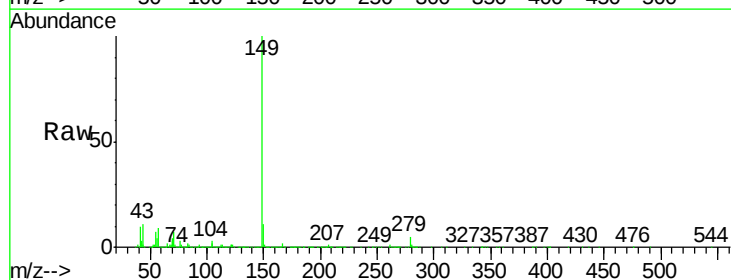
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MSD

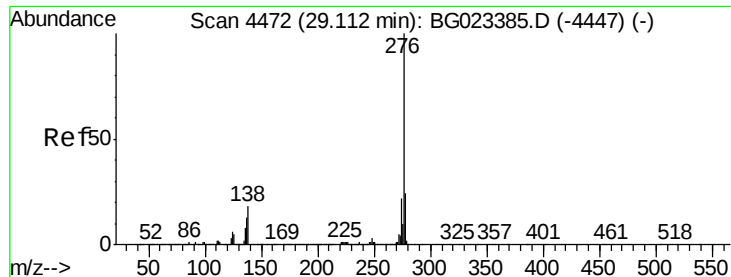
Tgt Ion:149 Resp: 1163249
 Ion Ratio Lower Upper
 149 100
 167 28.9 24.0 36.0
 279 5.0 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 39.98 ng
 RT: 22.96 min Scan# 3425
 Delta R.T. -0.03 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

Tgt Ion:149 Resp: 1965194
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.5 2.3
 43 10.4 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.07 ng

RT: 29.11 min Scan# 4473

Delta R.T. 0.00 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

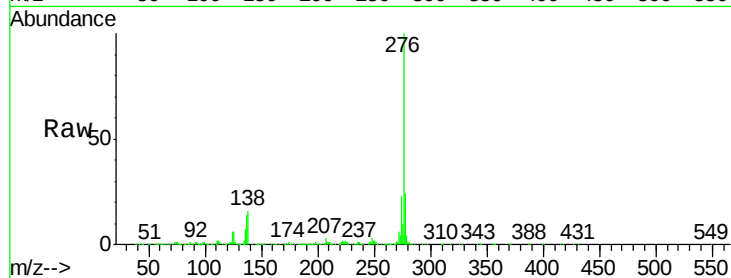
Tgt Ion:276 Resp: 2124956

Ion Ratio Lower Upper

276 100

138 9.7 0.0 0.0#

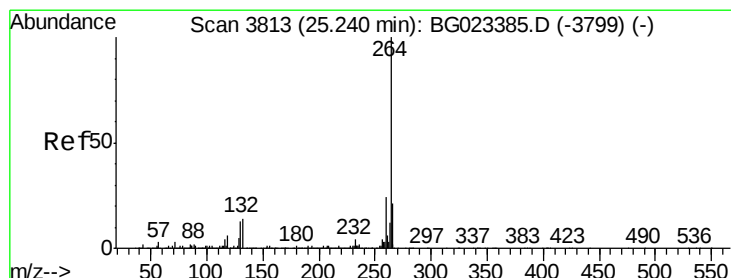
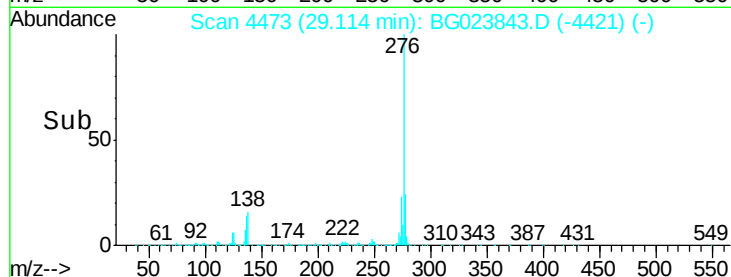
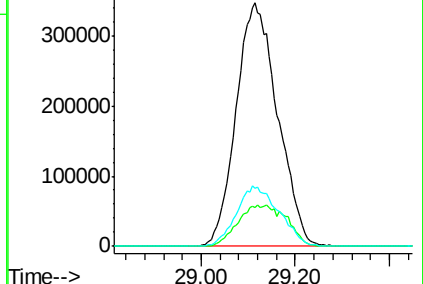
277 25.3 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.23 min Scan# 3812

Delta R.T. -0.01 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

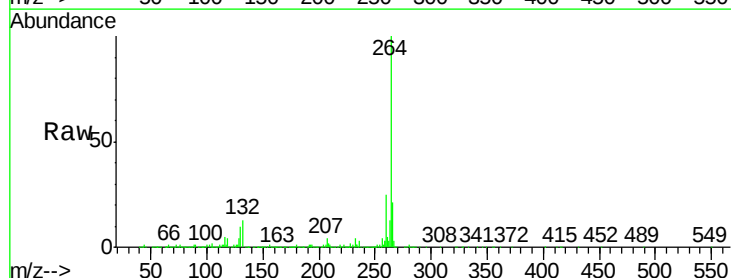
Tgt Ion:264 Resp: 870757

Ion Ratio Lower Upper

264 100

260 24.9 18.4 27.6

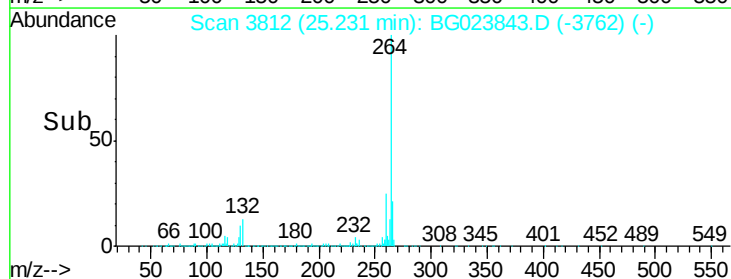
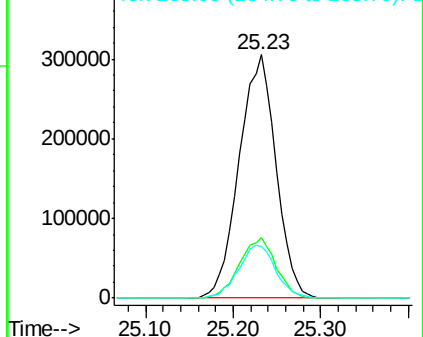
265 21.3 18.9 28.3

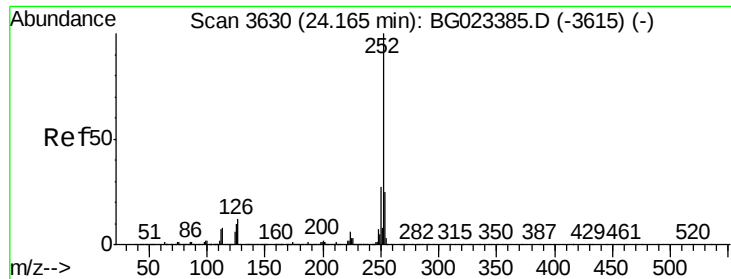


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

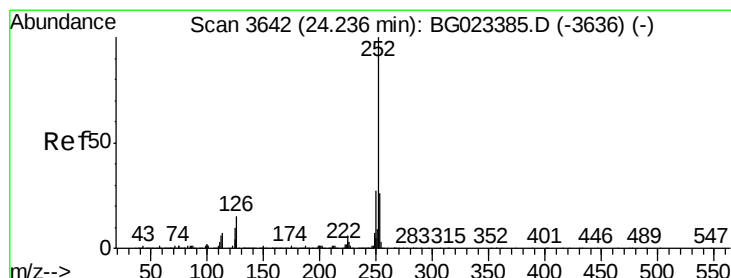
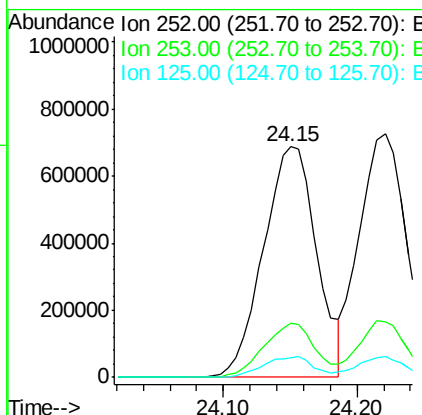
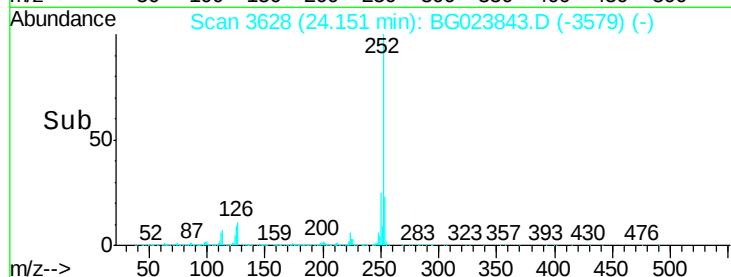
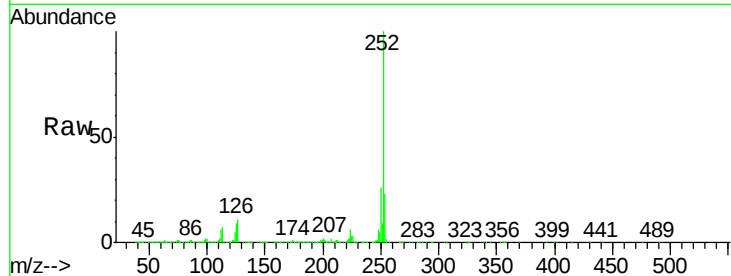




#87
 Benzo(b)fluoranthene
 Concen: 38.89 ng
 RT: 24.15 min Scan# 3628
 Delta R.T. -0.01 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

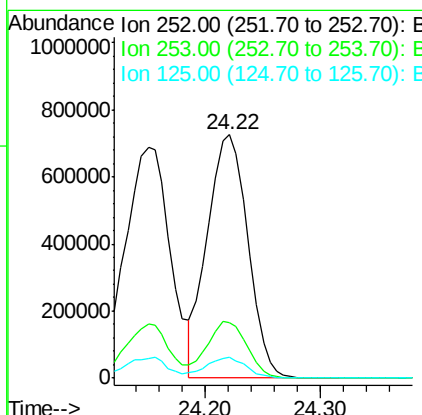
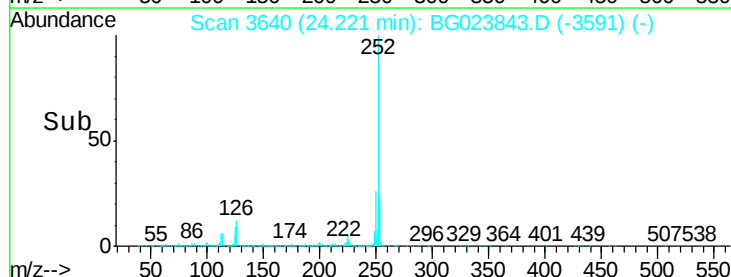
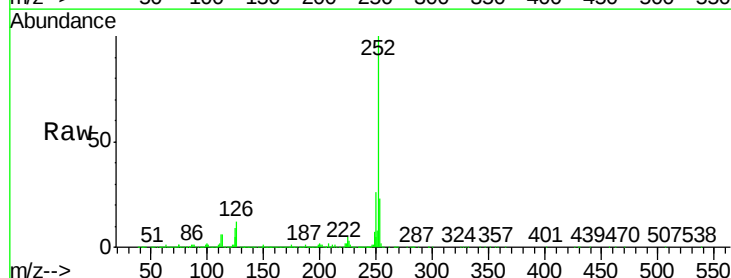
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MSD

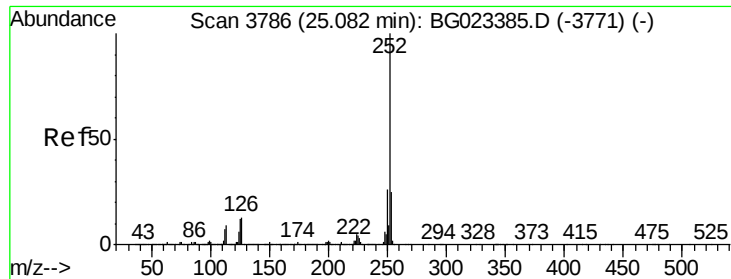
Tgt Ion:252 Resp: 1905227
 Ion Ratio Lower Upper
 252 100
 253 23.4 18.9 28.3
 125 8.6 3.9 5.9#



#88
 Benzo(k)fluoranthene
 Concen: 37.66 ng
 RT: 24.22 min Scan# 3640
 Delta R.T. -0.01 min
 Lab File: BG023843.D
 Acq: 22 Aug 2016 21:15

Tgt Ion:252 Resp: 1772069
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.8 28.2
 125 8.7 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 39.14 ng

RT: 25.07 min Scan# 3785

Delta R.T. -0.01 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

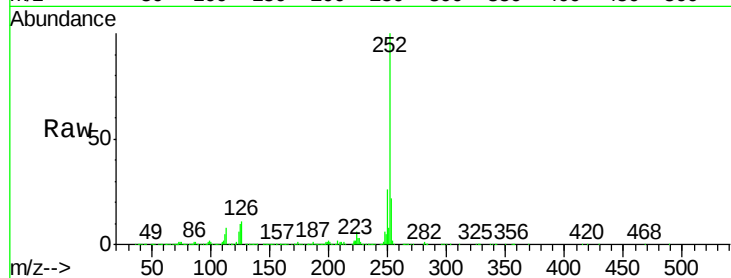
Tgt Ion:252 Resp: 1823573

Ion Ratio Lower Upper

252 100

253 22.3 18.7 28.1

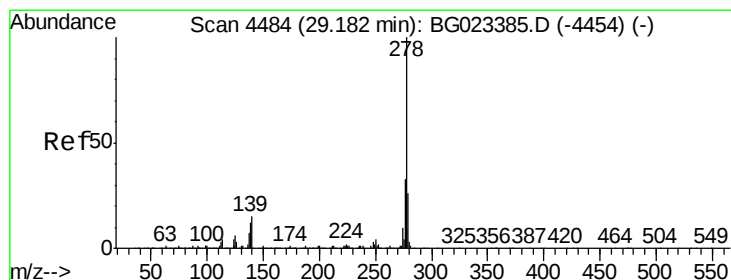
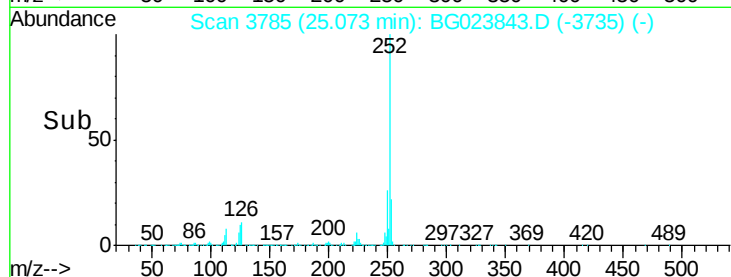
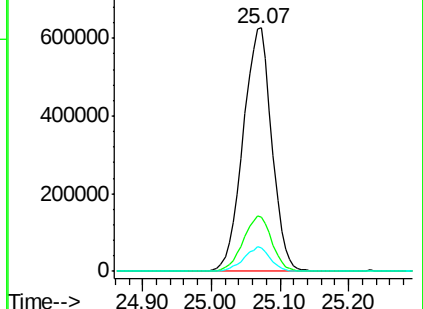
125 9.6 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.86 ng

RT: 29.17 min Scan# 4482

Delta R.T. -0.01 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

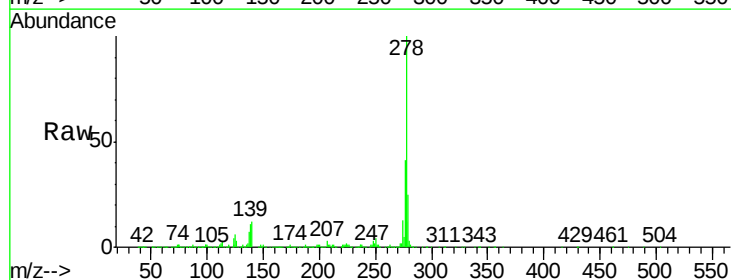
Tgt Ion:278 Resp: 1802022

Ion Ratio Lower Upper

278 100

139 12.3 4.7 7.1#

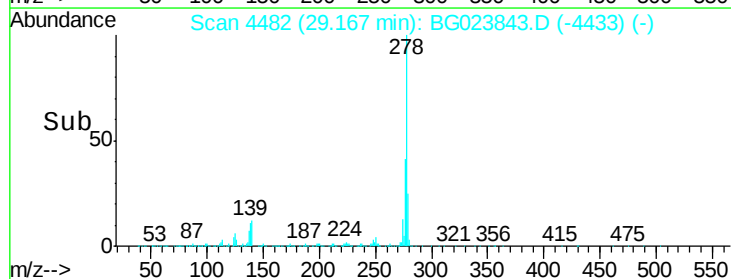
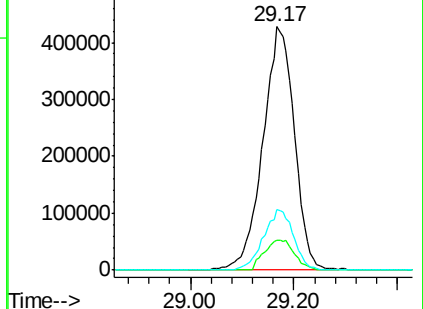
279 24.8 18.3 27.5

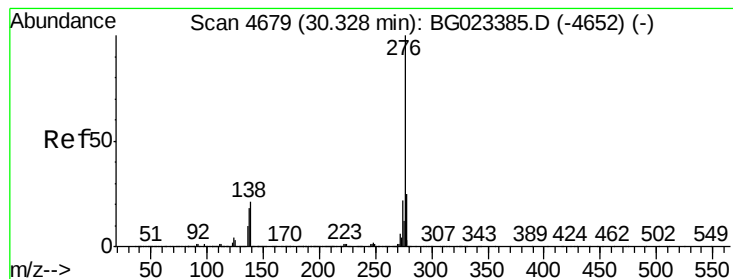


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.66 ng

RT: 30.32 min Scan# 4679

Delta R.T. -0.00 min

Lab File: BG023843.D

Acq: 22 Aug 2016 21:15

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MSD

Tgt Ion:276 Resp: 1756900

Ion Ratio Lower Upper

276 100

277 23.5 18.6 27.8

138 16.6 6.8 10.2#

