

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082216\
 Data File : BG023842.D
 Acq On : 22 Aug 2016 20:38
 Operator : UM/SJ
 Sample : H4500-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 23 00:56:16 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	113576	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	472627	20.00	ng	-0.03
38) Acenaphthene-d10	14.77	164	312513	20.00	ng	-0.01
63) Phenanthrene-d10	17.53	188	758942	20.00	ng	-0.01
75) Chrysene-d12	21.85	240	850076	20.00	ng	0.00
86) Perylene-d12	25.24	264	848500	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	705847	104.61	ng	-0.03
7) Phenol-d6	7.25	99	967830	92.09	ng	-0.03
23) Nitrobenzene-d5	9.27	82	758040	79.74	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	484490	105.99	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1452689	78.40	ng	-0.02
78) Terphenyl-d14	20.14	244	2297392	84.45	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	82083	28.55	ng	92
3) Pyridine	3.91	79	251579	26.63	ng	96
4) n-Nitrosodimethylamine	3.82	42	135384	38.65	ng	# 97
6) Aniline	7.41	93	318581	20.98	ng	96
8) 2-Chlorophenol	7.66	128	270534	34.90	ng	98
9) Benzaldehyde	7.22	77	43549	4.94	ng	88
10) Phenol	7.28	94	345549	30.74	ng	88
11) bis(2-Chloroethyl)ether	7.50	93	295795	32.98	ng	90
12) 1,3-Dichlorobenzene	7.98	146	284810	32.09	ng	95
13) 1,4-Dichlorobenzene	8.13	146	291703	32.11	ng	93
14) 1,2-Dichlorobenzene	8.45	146	276939	31.07	ng	94
15) Benzyl Alcohol	8.34	79	336582	42.27	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	408998	31.01	ng	91
17) 2-Methylphenol	8.54	107	259356	34.41	ng	91
18) Hexachloroethane	9.18	117	113510	33.19	ng	93
19) n-Nitroso-di-n-propylamine	8.90	70	287836	31.84	ng	98
20) 3+4-Methylphenols	8.87	107	350565	32.99	ng	90
22) Acetophenone	8.92	105	422613	32.66	ng	# 94
24) Nitrobenzene	9.31	77	412529	39.19	ng	91
25) Isophorone	9.83	82	752713	38.01	ng	# 94
26) 2-Nitrophenol	10.03	139	163504	36.80	ng	86
27) 2,4-Dimethylphenol	10.09	122	280125	37.03	ng	91
28) bis(2-Chloroethoxy)methane	10.32	93	424828	35.69	ng	99
29) 2,4-Dichlorophenol	10.58	162	297421	39.10	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	302698	36.90	ng	96
31) Naphthalene	10.98	128	872561	36.26	ng	100
32) Benzoic acid	10.24	122	133815	23.08	ng	93
33) 4-Chloroaniline	11.10	127	87642	7.62	ng	# 90
34) Hexachlorobutadiene	11.25	225	205872	38.16	ng	92
35) Caprolactam	11.88	113	43084	13.46	ng	92
36) 4-Chloro-3-methylphenol	12.22	107	366846	36.70	ng	97
37) 2-Methylnaphthalene	12.58	142	646127	35.31	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	322733	28.48	ng	99
40) Hexachlorocyclopentadiene	12.92	237	258277	45.20	ng	96

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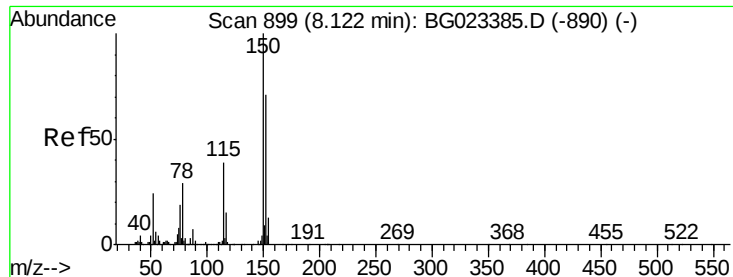
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

Quant Time: Aug 23 00:56:16 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG080116.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	257282	38.11	ng	95
43) 2,4,5-Trichlorophenol	13.28	196	258397	37.18	ng #	97
45) 1,1'-Biphenyl	13.59	154	788783	33.02	ng	95
46) 2-Chloronaphthalene	13.64	162	688987	37.28	ng	97
47) 2-Nitroaniline	13.85	65	299700	39.06	ng	91
48) Acenaphthylene	14.49	152	1105710	37.85	ng	99
49) Dimethylphthalate	14.21	163	962634	40.15	ng	98
50) 2,6-Dinitrotoluene	14.34	165	210519	37.07	ng	89
51) Acenaphthene	14.83	154	690854	37.33	ng	98
52) 3-Nitroaniline	14.68	138	112630	17.59	ng #	79
53) 2,4-Dinitrophenol	14.90	184	200238	55.01	ng	94
54) Dibenzofuran	15.17	168	1116156	41.54	ng	97
55) 4-Nitrophenol	15.00	139	309577	61.56	ng #	87
56) 2,4-Dinitrotoluene	15.14	165	314518	39.47	ng	97
57) Fluorene	15.82	166	926133	39.50	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	265193	41.58	ng	94
59) Diethylphthalate	15.57	149	988718	40.62	ng	99
60) 4-Chlorophenyl-phenylether	15.80	204	473299	38.14	ng	98
61) 4-Nitroaniline	15.86	138	226947	33.29	ng #	70
62) Azobenzene	16.10	77	1082516	43.88	ng	92
64) 4,6-Dinitro-2-methylphenol	15.91	198	165949	32.16	ng	93
65) n-Nitrosodiphenylamine	16.03	169	849535	38.16	ng	94
66) 4-Bromophenyl-phenylether	16.71	248	328274	37.11	ng	94
67) Hexachlorobenzene	16.83	284	353119	36.49	ng	99
68) Atrazine	16.98	200	342855	40.11	ng	96
69) Pentachlorophenol	17.18	266	369407	65.48	ng	97
70) Phenanthrene	17.57	178	1534374	39.84	ng	99
71) Anthracene	17.67	178	1546554	39.93	ng	99
72) Carbazole	17.94	167	1456384	42.82	ng	99
73) Di-n-butylphthalate	18.48	149	1718023	50.80	ng	98
74) Fluoranthene	19.59	202	1853584	52.64	ng	95
76) Benzidine	19.77	184	486216	20.58	ng	99
77) Pyrene	19.95	202	1849330	36.81	ng	98
79) Butylbenzylphthalate	20.83	149	845566	41.31	ng	96
80) Benzo(a)anthracene	21.83	228	1859961	39.64	ng	98
81) 3,3'-Dichlorobenzidine	21.74	252	428341	22.26	ng #	95
82) Chrysene	21.90	228	1734094	38.84	ng	98
83) Bis(2-ethylhexyl)phthalate	21.70	149	1165158	41.57	ng #	98
84) Di-n-octyl phthalate	22.96	149	1958544	40.94	ng	99
85) Indeno(1,2,3-cd)pyrene	29.13	276	2144545	38.44	ng #	100
87) Benzo(b)fluoranthene	24.16	252	1918293	40.18	ng #	97
88) Benzo(k)fluoranthene	24.23	252	1791927	39.08	ng #	98
89) Benzo(a)pyrene	25.08	252	1840164	40.53	ng #	97
90) Dibenzo(a,h)anthracene	29.19	278	1841235	39.70	ng #	94
91) Benzo(g,h,i)perylene	30.35	276	1770027	37.90	ng #	91

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

```
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Sample    : H4500-01MS  
Misc      :  
ALS Vial  : 13      Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.03 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

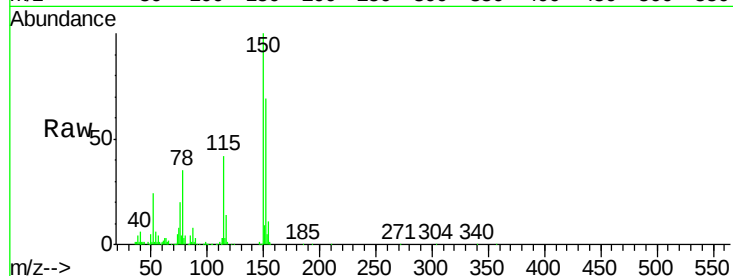
Tgt Ion:152 Resp: 113576

Ion Ratio Lower Upper

152 100

150 144.4 144.7 217.1#

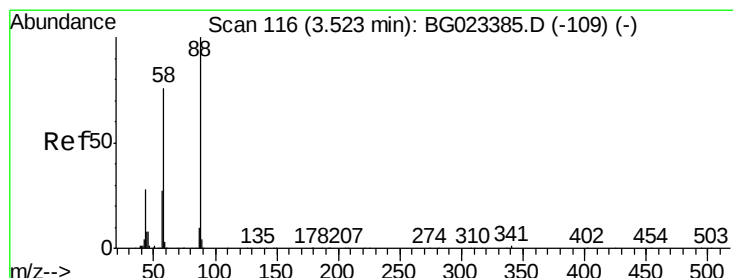
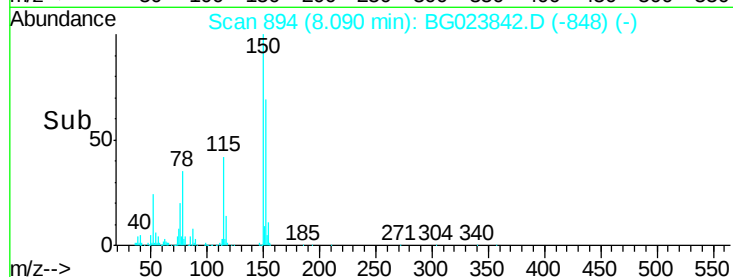
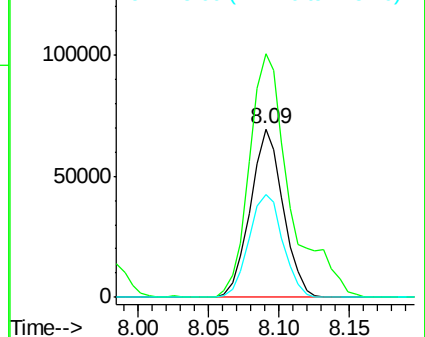
115 60.8 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.55 ng

RT: 3.50 min Scan# 113

Delta R.T. -0.02 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

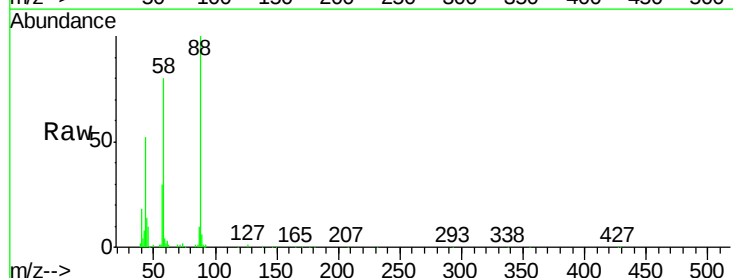
Tgt Ion: 88 Resp: 82083

Ion Ratio Lower Upper

88 100

58 81.4 60.4 90.6

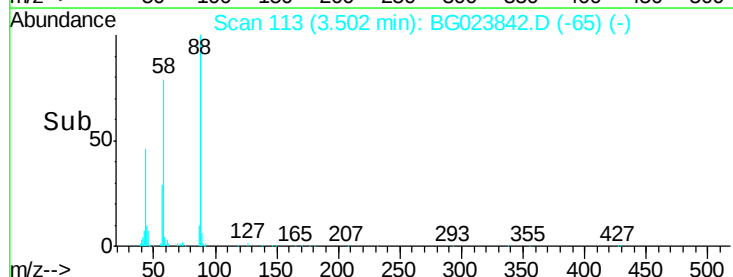
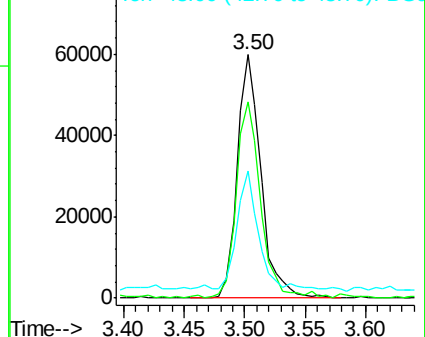
43 44.8 31.1 46.7

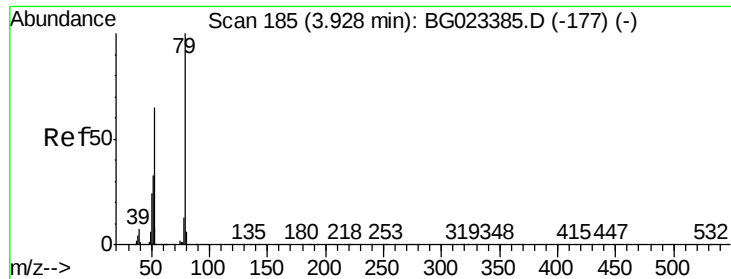


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 26.63 ng

RT: 3.91 min Scan# 183

Delta R.T. -0.01 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

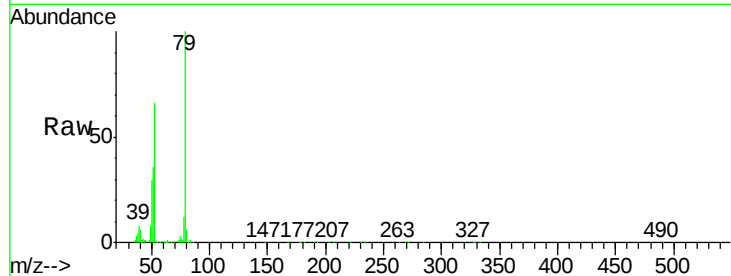
Tgt Ion: 79 Resp: 251579

Ion Ratio Lower Upper

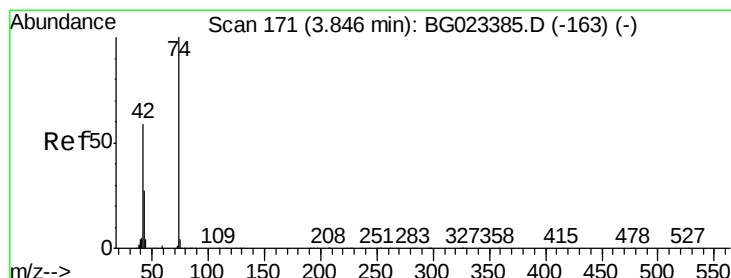
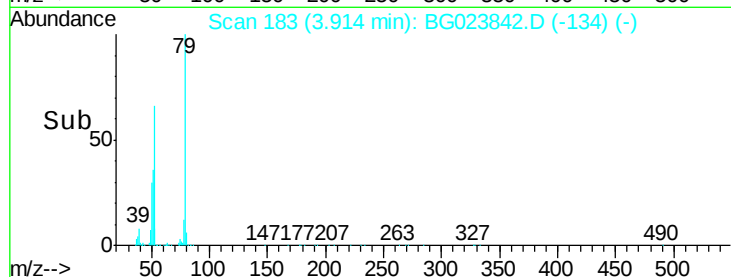
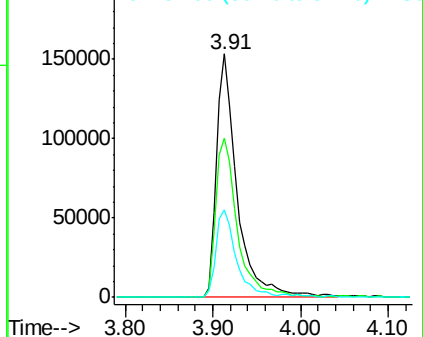
79 100

52 65.6 51.8 77.8

51 36.2 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.65 ng

RT: 3.82 min Scan# 167

Delta R.T. -0.03 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

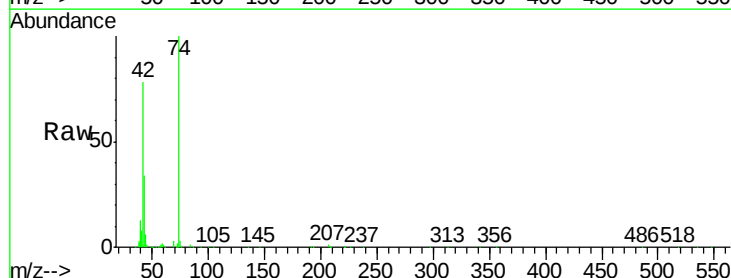
Tgt Ion: 42 Resp: 135384

Ion Ratio Lower Upper

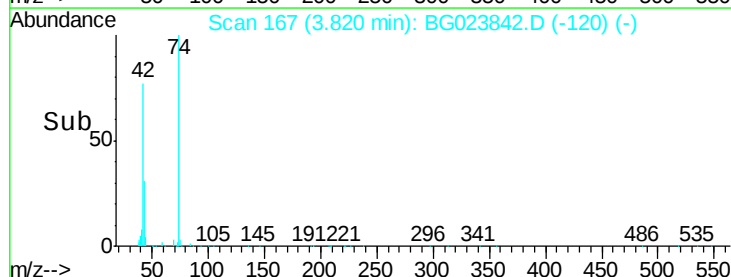
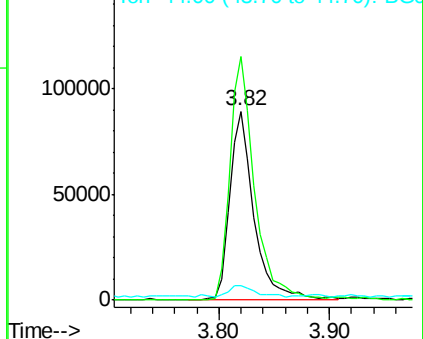
42 100

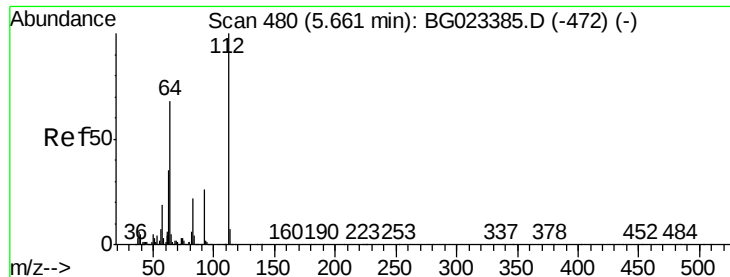
74 128.9 100.6 150.8

44 7.5 4.5 6.7#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 104.61 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.03 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

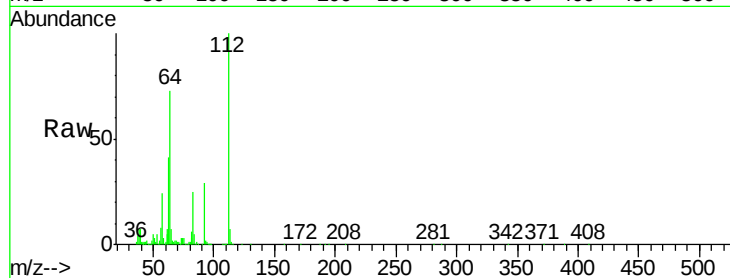
Tgt Ion: 112 Resp: 705847

Ion Ratio Lower Upper

112 100

64 72.7 59.0 88.4

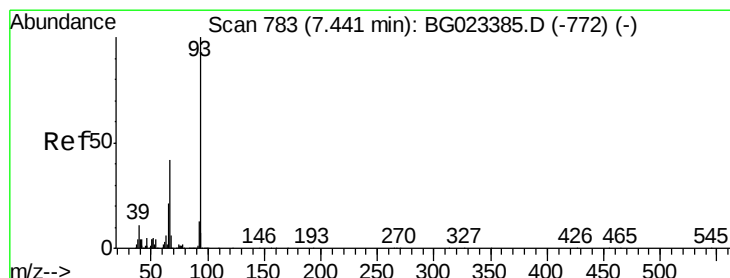
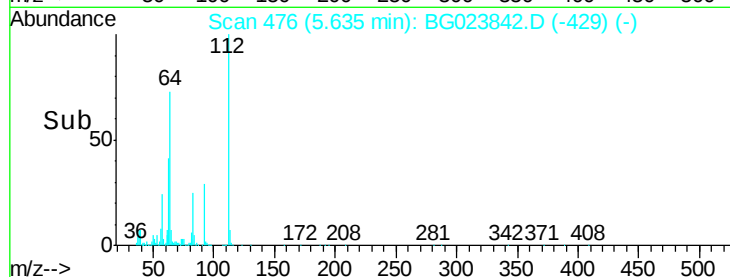
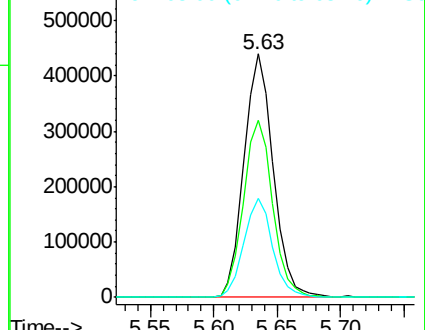
63 40.9 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.98 ng

RT: 7.41 min Scan# 779

Delta R.T. -0.03 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

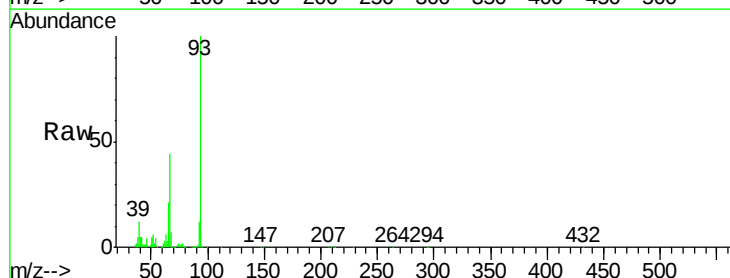
Tgt Ion: 93 Resp: 318581

Ion Ratio Lower Upper

93 100

66 44.1 37.5 56.3

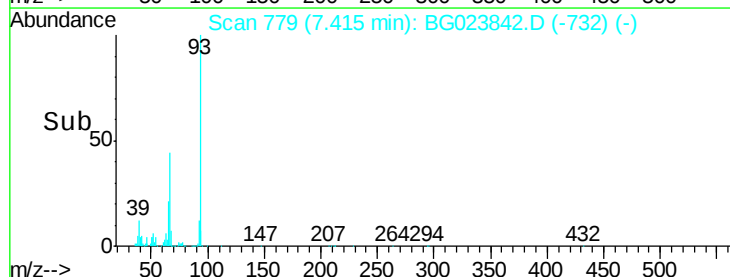
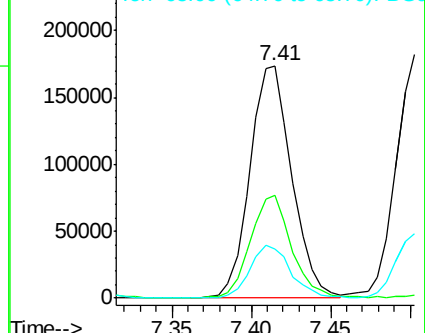
65 21.1 17.9 26.9

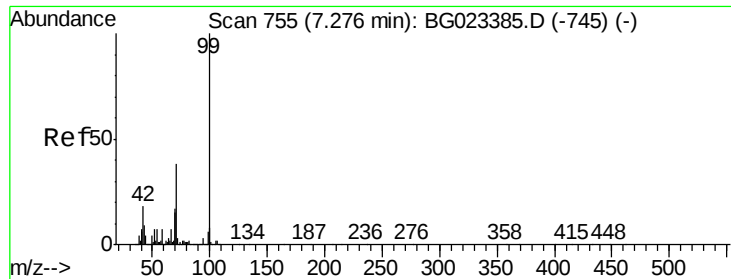


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 92.09 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

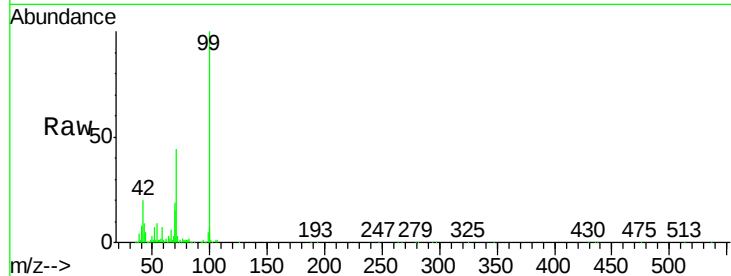
Tgt Ion: 99 Resp: 967830

Ion Ratio Lower Upper

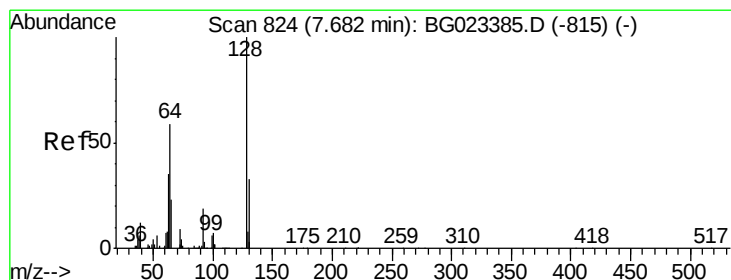
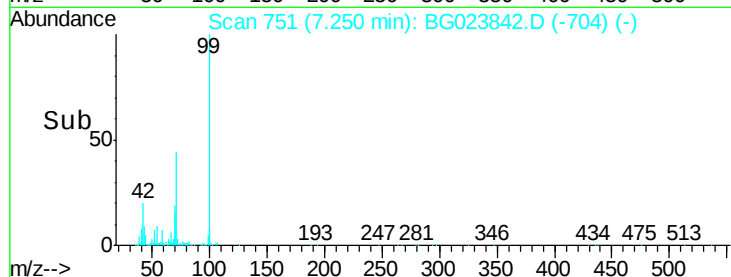
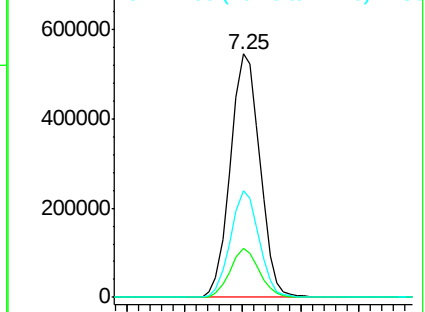
99 100

42 20.1 17.8 26.6

71 43.6 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: 34.90 ng

RT: 7.66 min Scan# 820

Delta R.T. -0.03 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

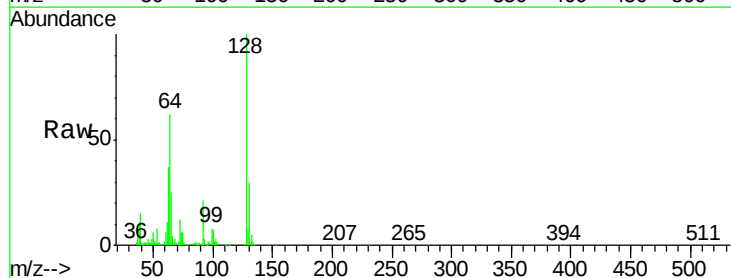
Tgt Ion: 128 Resp: 270534

Ion Ratio Lower Upper

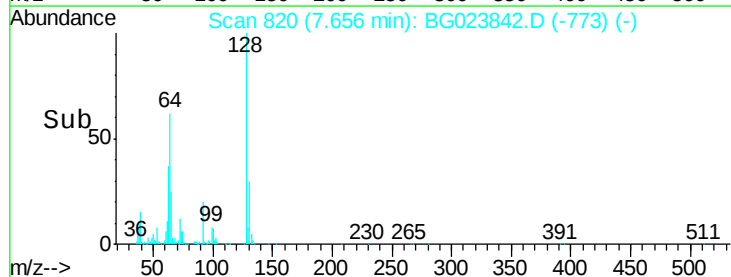
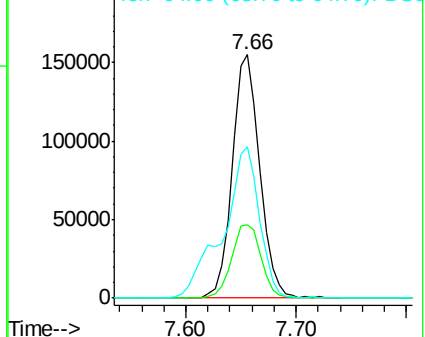
128 100

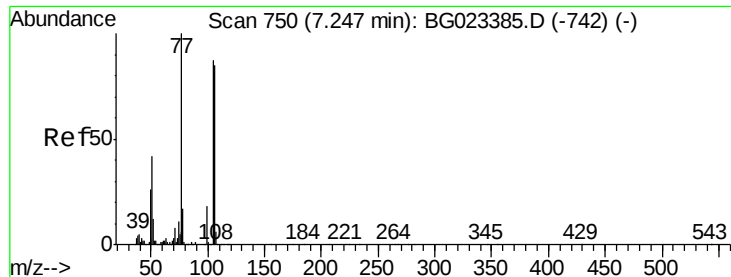
130 30.4 12.9 52.9

64 62.4 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: 4.94 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.03 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

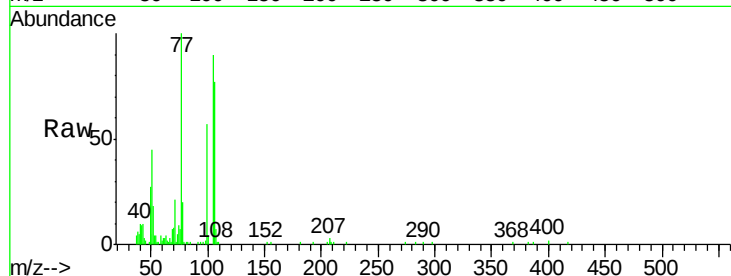
Tgt Ion: 77 Resp: 43549

Ion Ratio Lower Upper

77 100

105 90.1 58.7 98.7

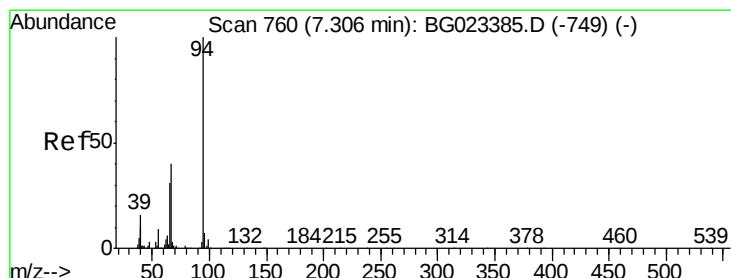
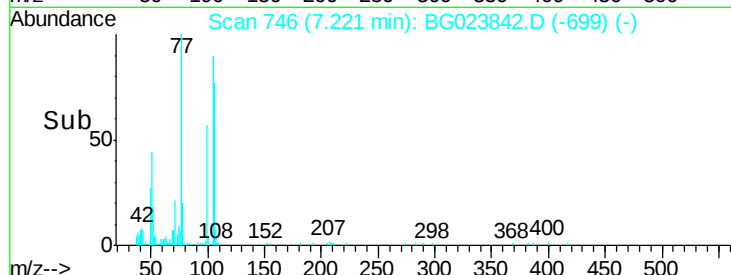
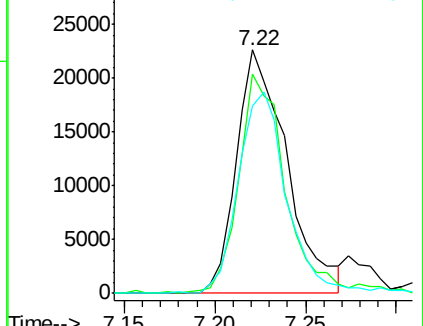
106 77.1 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 30.74 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.03 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

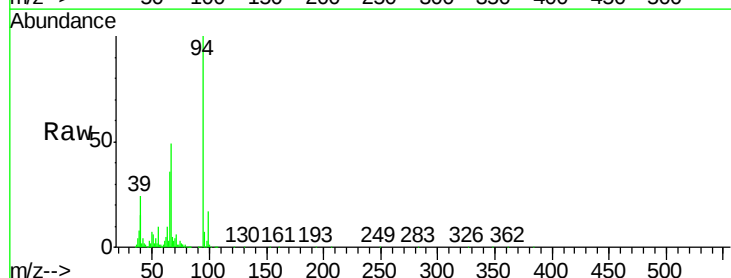
Tgt Ion: 94 Resp: 345549

Ion Ratio Lower Upper

94 100

65 36.0 18.1 58.1

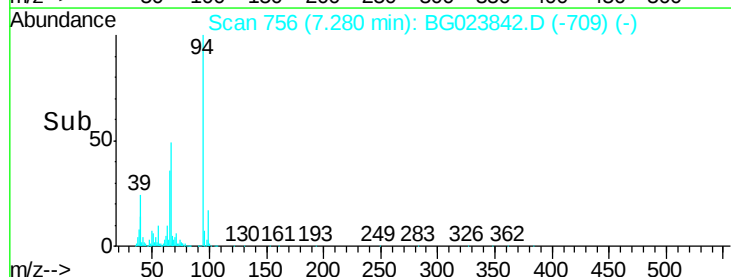
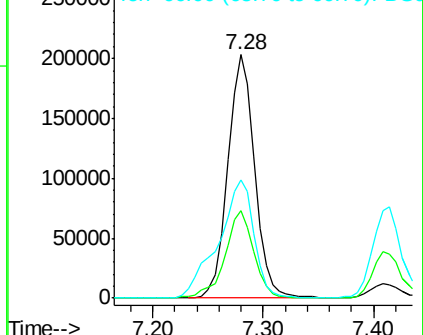
66 48.8 42.1 82.1

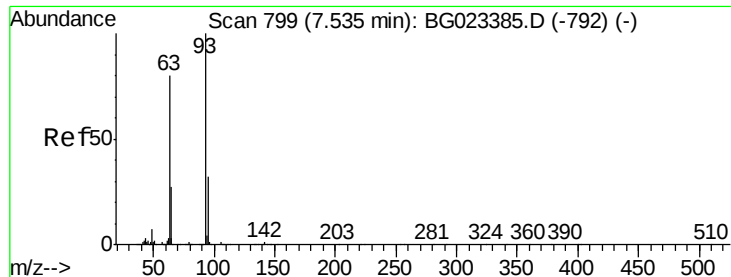


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

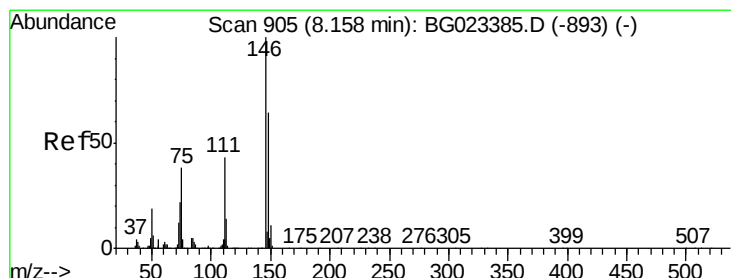
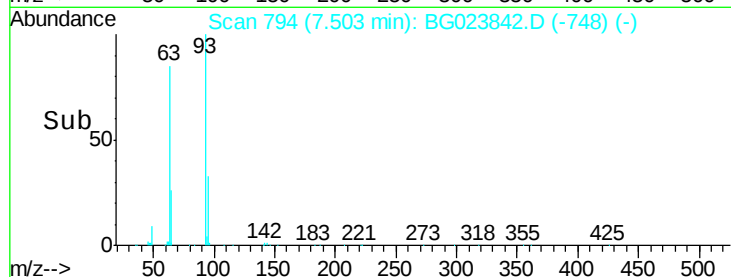
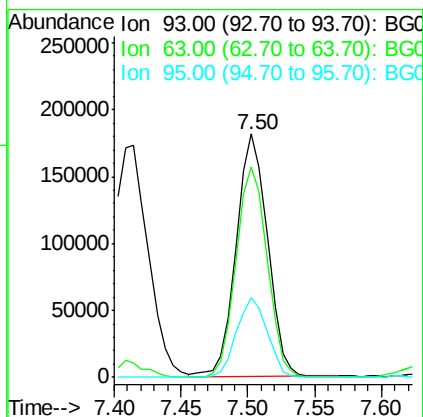
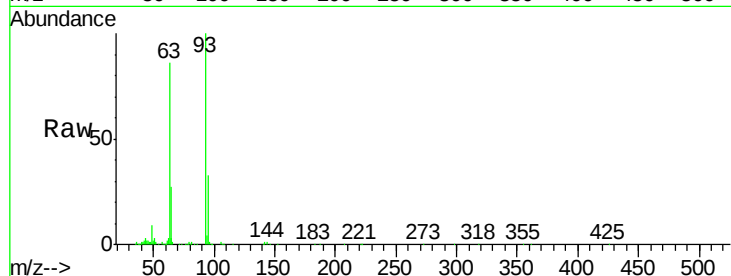




#11
bis(2-Chloroethyl)ether
Concen: 32.98 ng
RT: 7.50 min Scan# 794
Delta R.T. -0.03 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

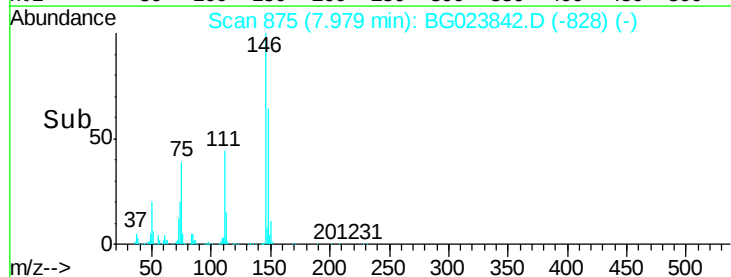
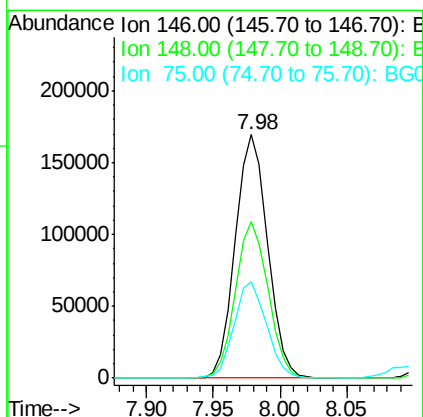
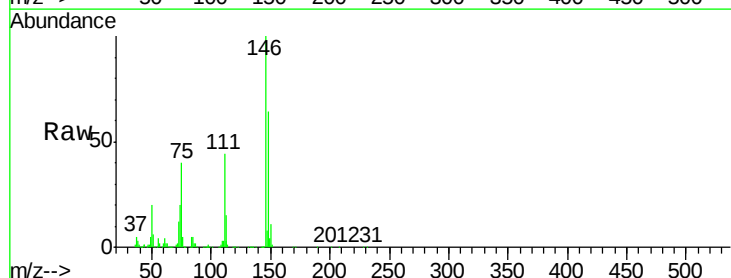
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

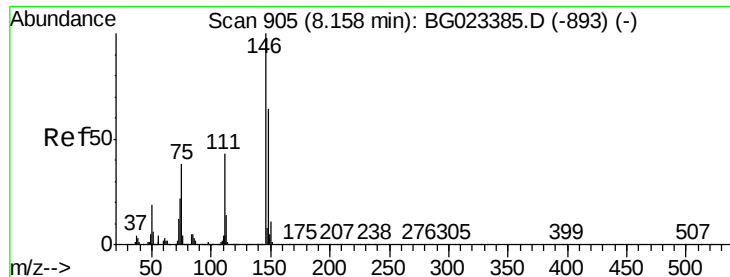
Tgt Ion	Ratio	Lower	Upper
93	100		
63	86.2	55.0	95.0
95	33.0	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 32.09 ng
RT: 7.98 min Scan# 875
Delta R.T. -0.03 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
75	39.5	37.0	55.6

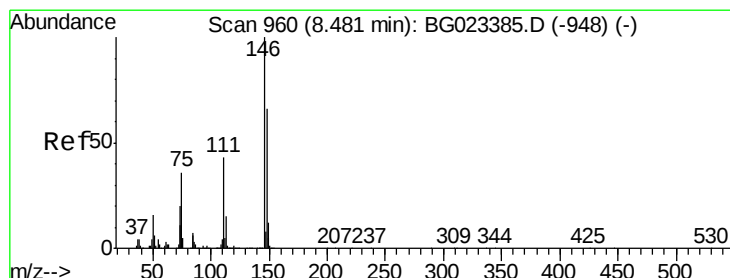
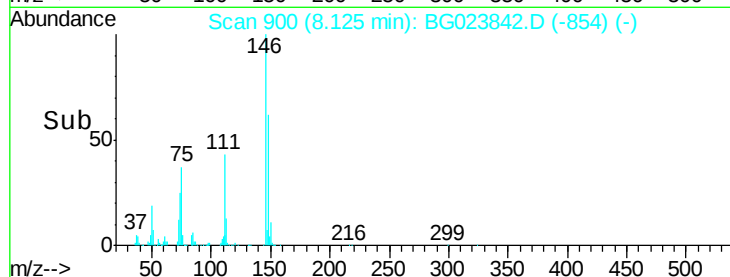
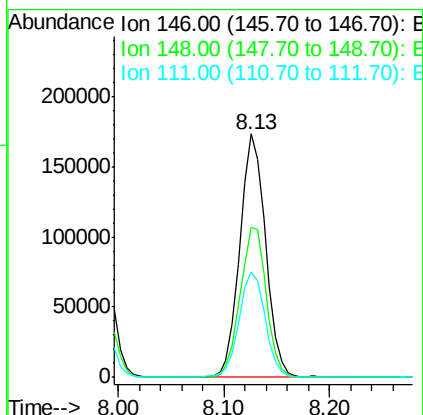
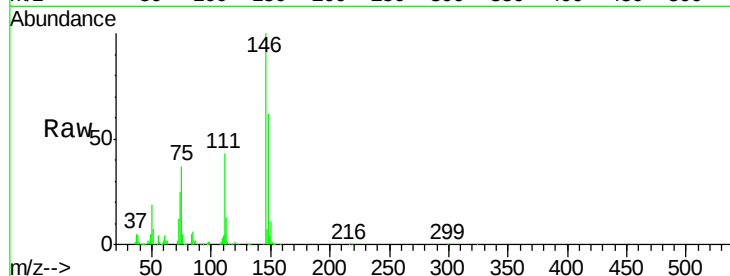




#13
 1,4-Dichlorobenzene
 Concen: 32.11 ng
 RT: 8.13 min Scan# 900
 Delta R.T. -0.03 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

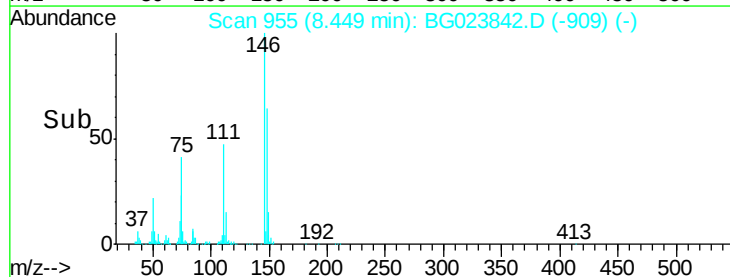
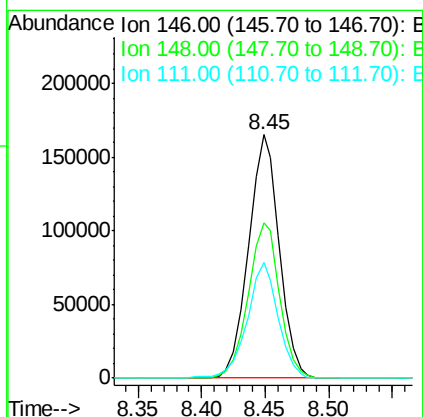
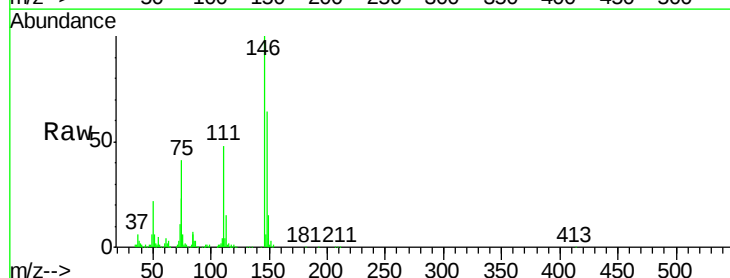
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

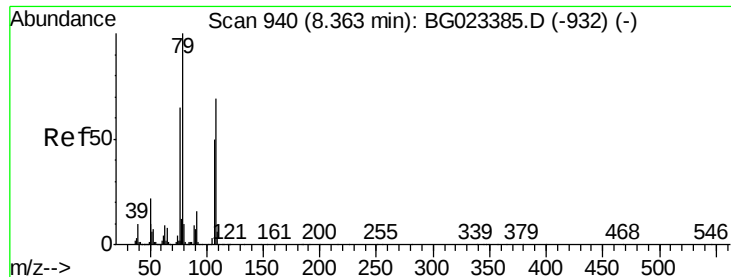
Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	54.5	81.7
111	43.2	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 31.07 ng
 RT: 8.45 min Scan# 955
 Delta R.T. -0.03 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.9	79.3
111	47.6	43.5	65.3





#15

Benzyl Alcohol

Concen: 42.27 ng

RT: 8.34 min Scan# 936

Delta R.T. -0.03 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

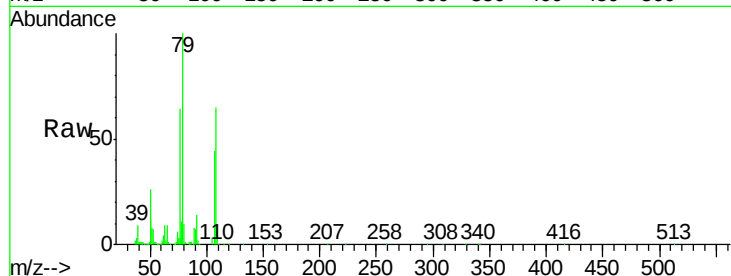
Tgt Ion: 79 Resp: 336582

Ion Ratio Lower Upper

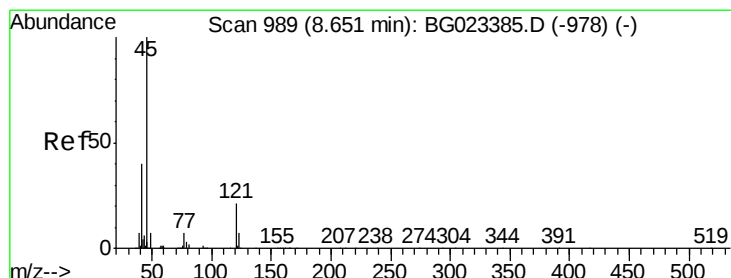
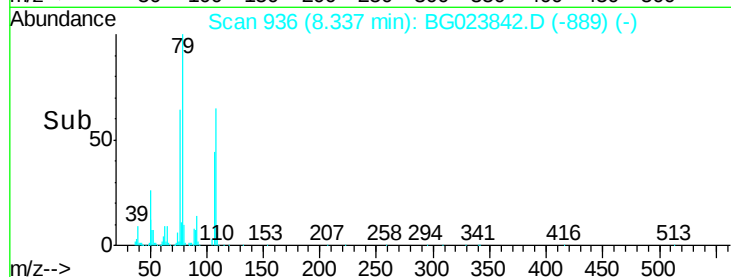
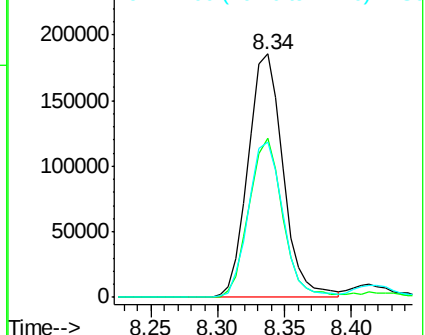
79 100

108 65.4 46.5 69.7

77 63.8 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: 31.01 ng

RT: 8.62 min Scan# 985

Delta R.T. -0.03 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

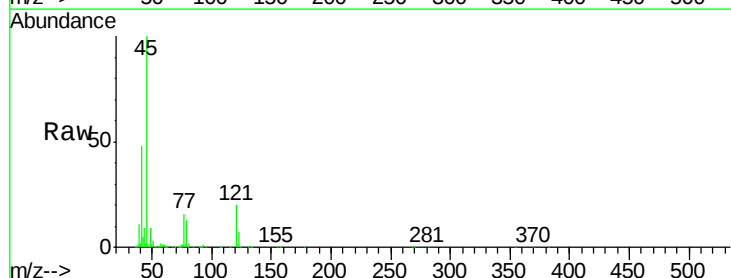
Tgt Ion: 45 Resp: 408998

Ion Ratio Lower Upper

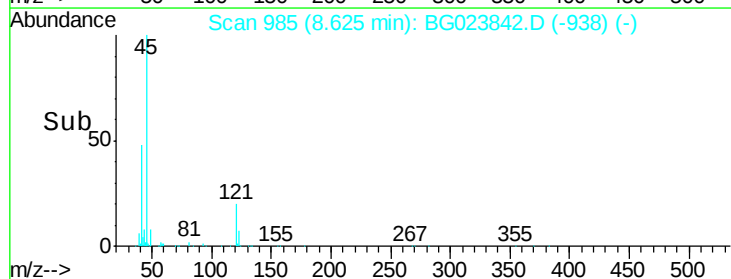
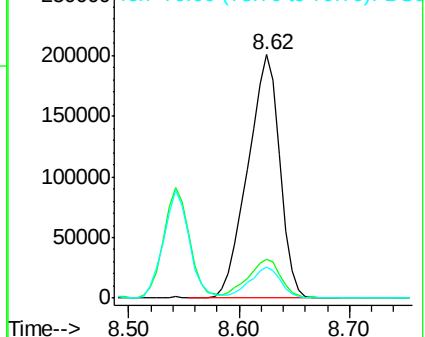
45 100

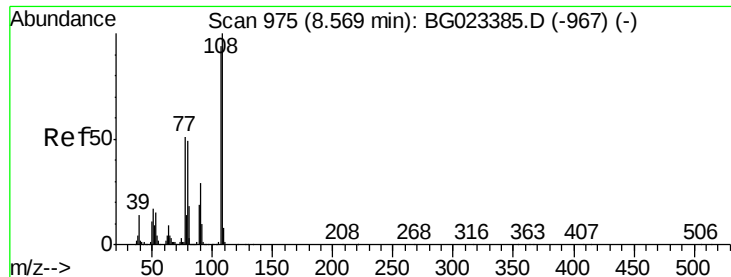
77 15.8 0.6 40.6

79 12.8 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: 34.41 ng

RT: 8.54 min Scan# 971

Delta R.T. -0.03 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

Tgt Ion:107 Resp: 259356

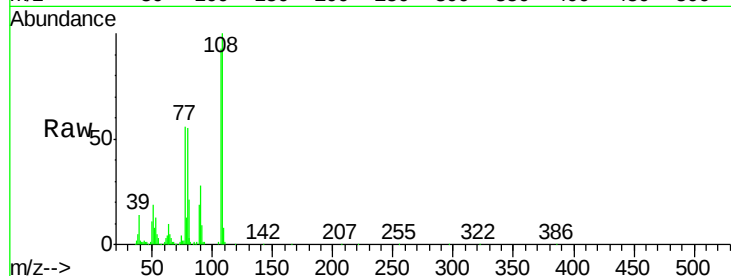
Ion Ratio Lower Upper

107 100

108 107.8 92.0 138.0

77 60.8 55.8 83.6

79 59.2 55.0 82.6

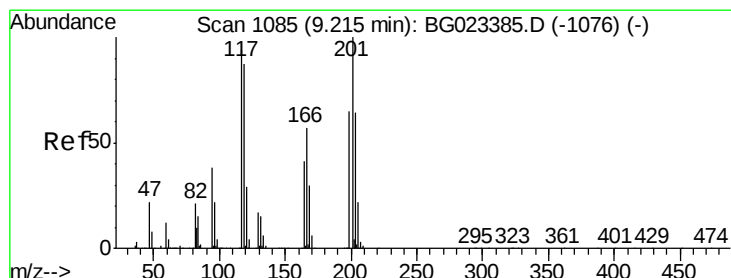
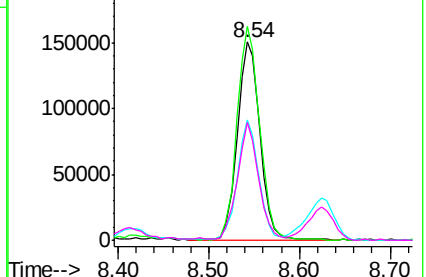
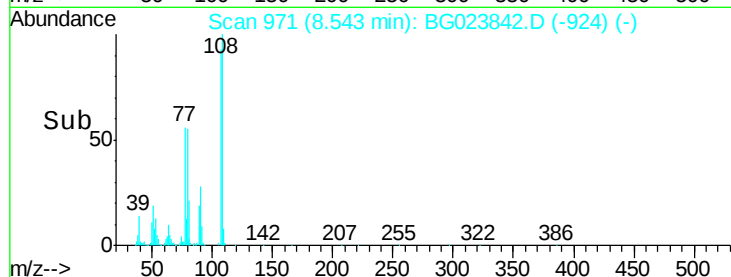


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 33.19 ng

RT: 9.18 min Scan# 1080

Delta R.T. -0.03 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

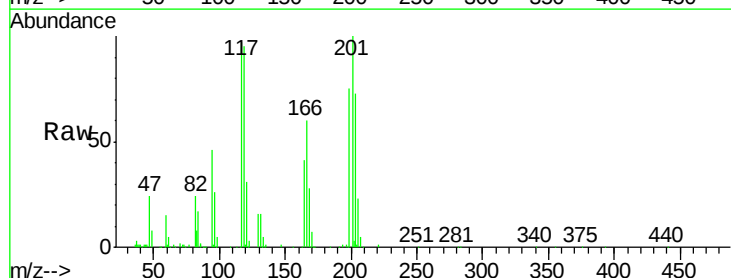
Tgt Ion:117 Resp: 113510

Ion Ratio Lower Upper

117 100

119 97.5 73.7 110.5

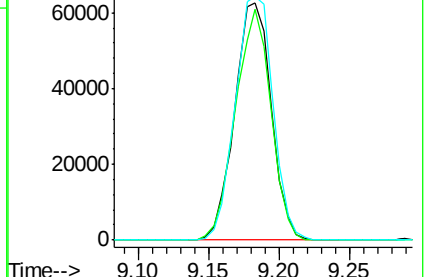
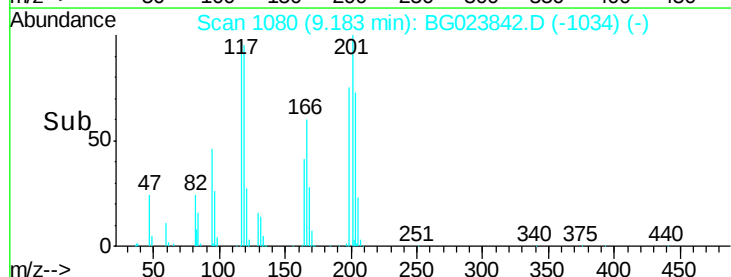
201 102.9 88.7 133.1

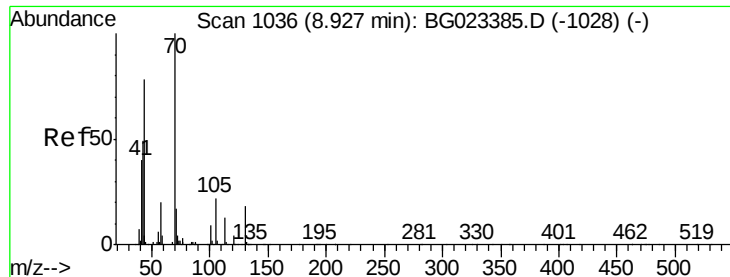


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

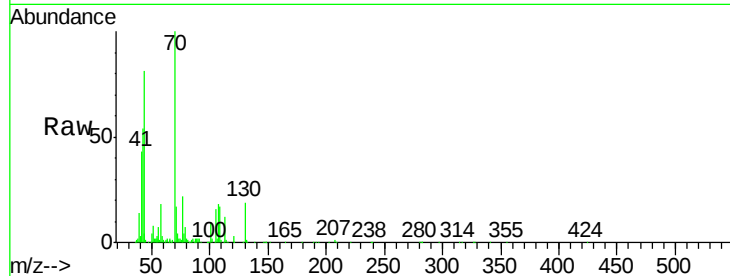




#19
n-Nitroso-di-n-propylamine
Concen: 31.84 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

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

Tgt Ion:	70	Resp:	287836
Ion	Ratio	Lower	Upper
70	100		
42	53.9	42.1	63.1
101	10.0	7.2	10.8
130	18.6	14.2	21.2



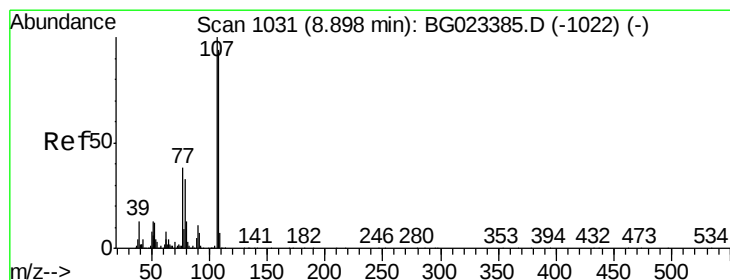
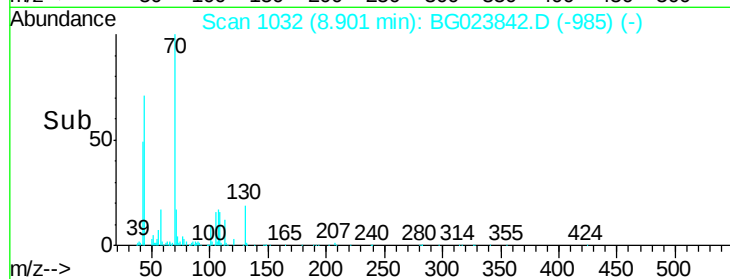
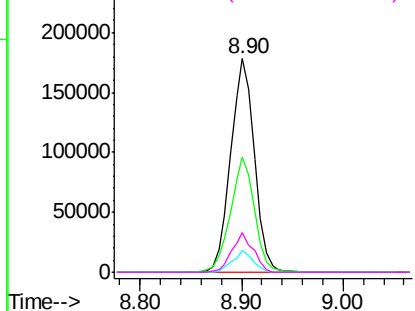
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

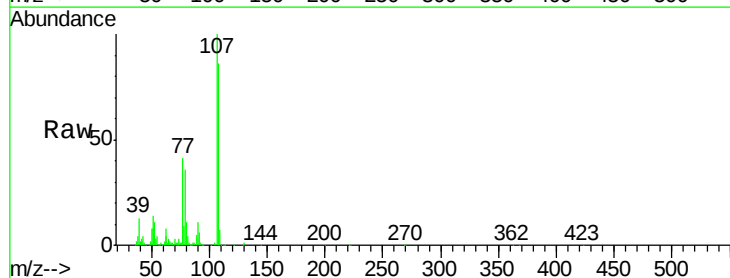
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 32.99 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

Tgt Ion:	107	Resp:	350565
Ion	Ratio	Lower	Upper
107	100		
108	85.8	72.5	112.5
77	40.9	30.1	70.1
79	36.0	24.2	64.2



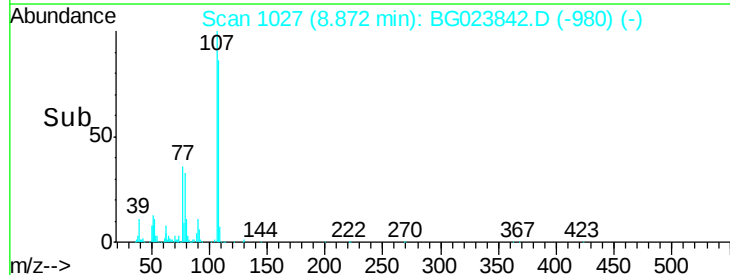
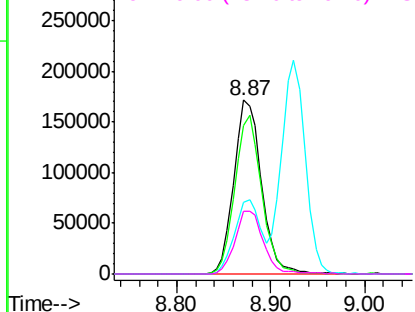
Abundance

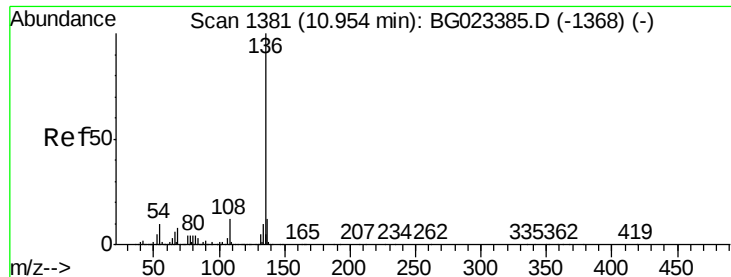
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

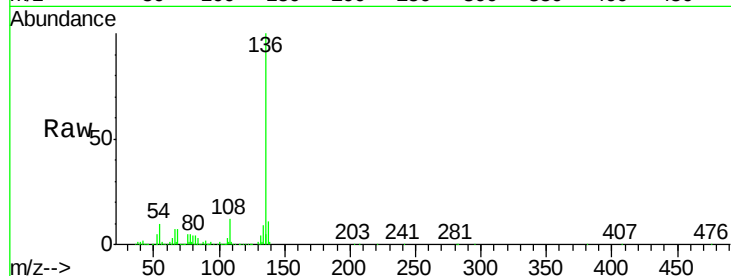




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

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

Tgt Ion:	136	Resp:	472627
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.6	14.4
54	9.8	7.3	10.9
68	6.5	5.3	7.9



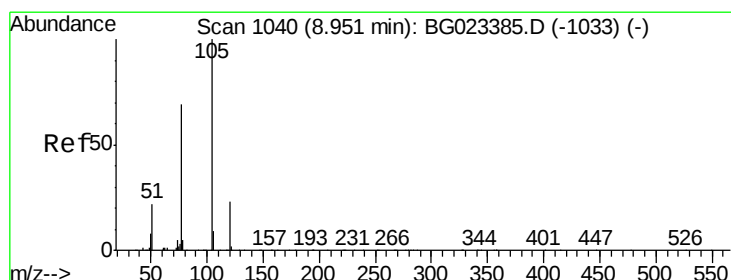
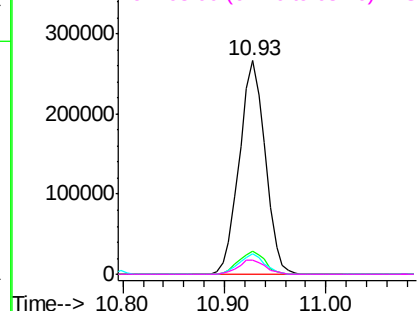
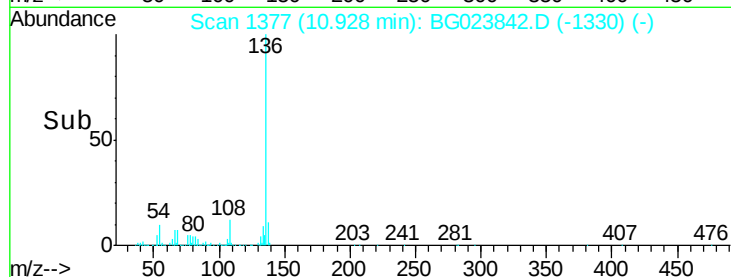
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

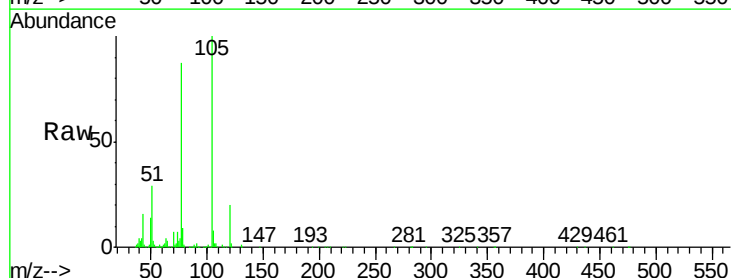
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 32.66 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

Tgt Ion:	105	Resp:	422613
Ion	Ratio	Lower	Upper
105	100		
71	1.1	2.6	3.8#
51	29.5	27.1	40.7
120	20.5	15.1	22.7



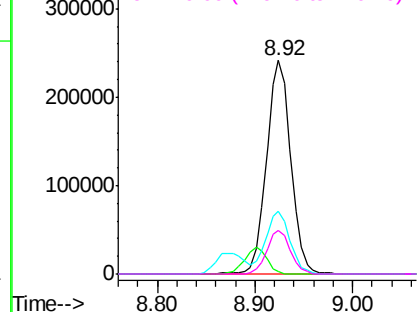
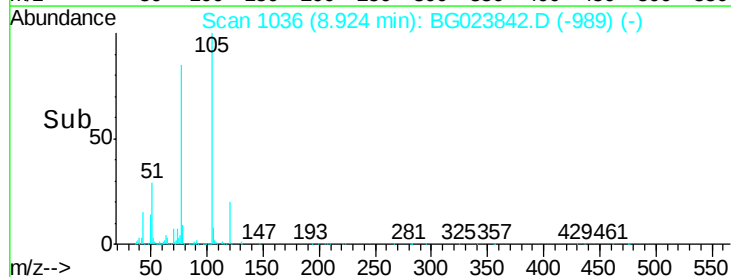
Abundance

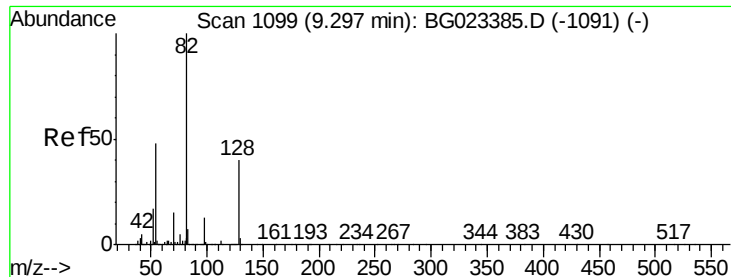
Ion 105.00 (104.70 to 105.70): E

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

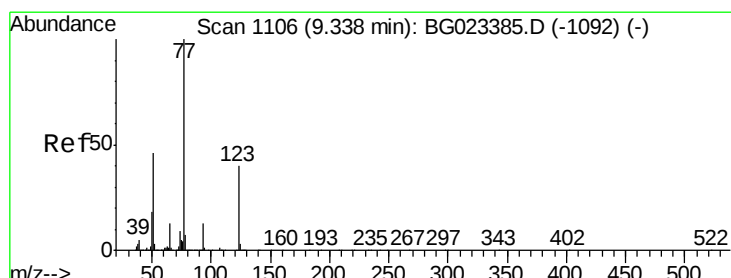
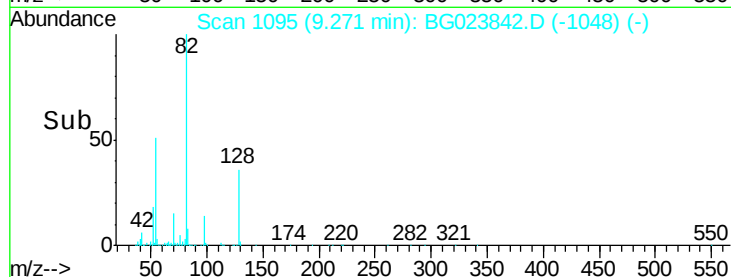
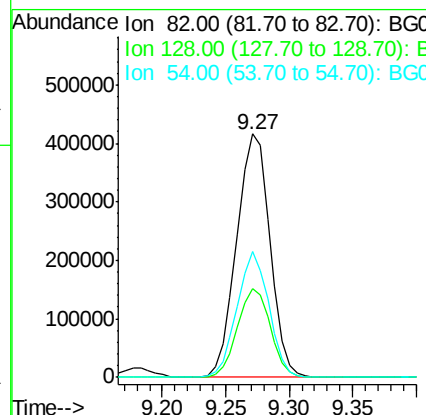
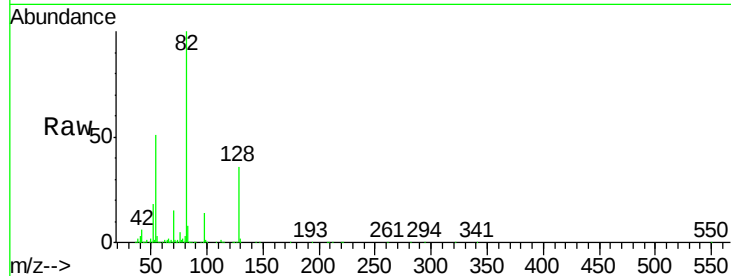




#23
 Nitrobenzene-d5
 Concen: 79.74 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

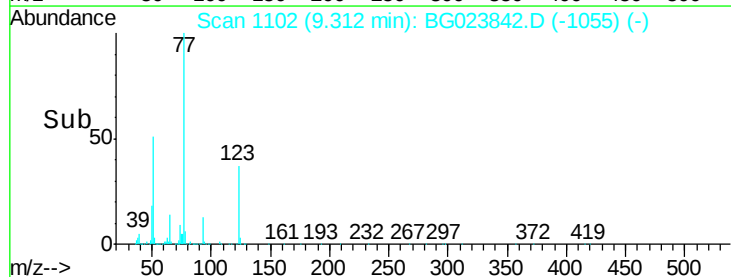
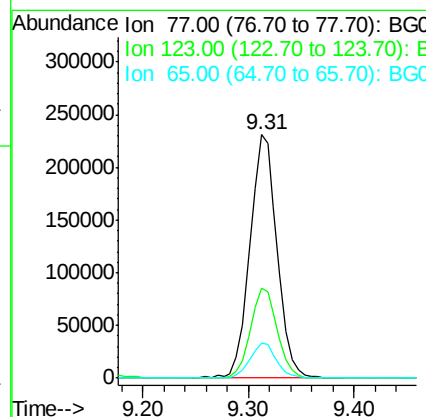
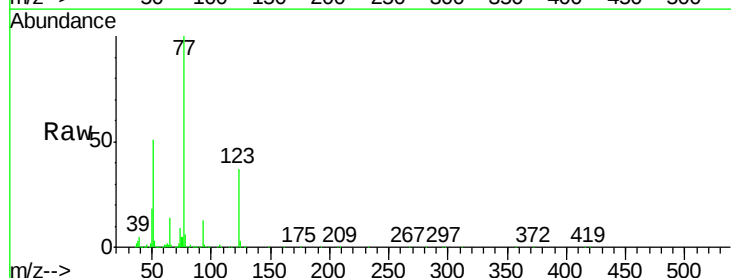
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

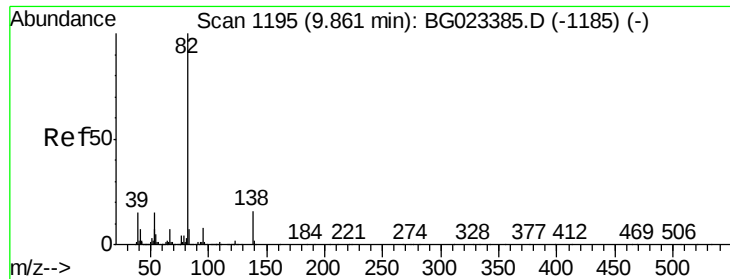
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.4	24.4	36.6
54	51.5	41.4	62.0



#24
 Nitrobenzene
 Concen: 39.19 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.03 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.0	25.0	37.6
65	14.4	13.4	20.0

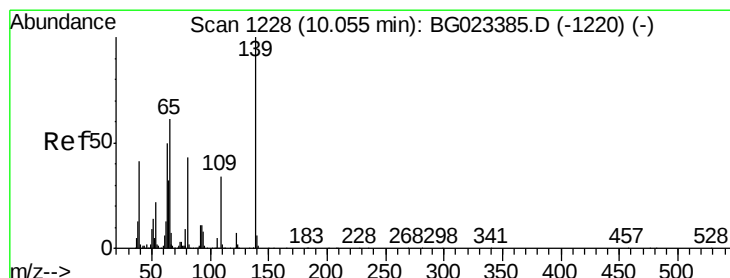
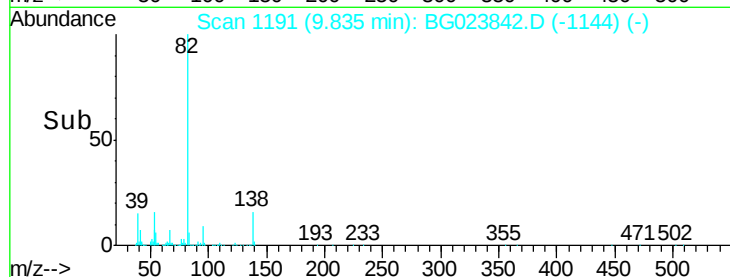
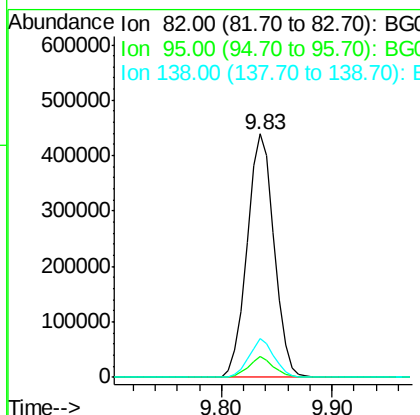
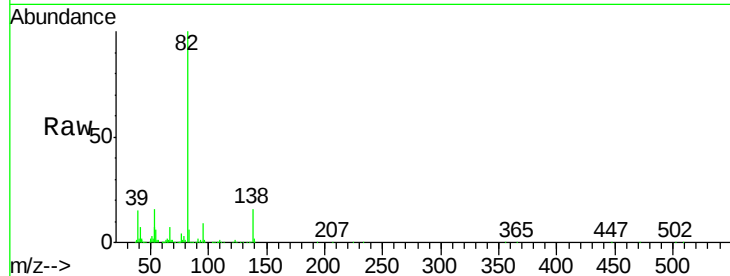




#25
Isophorone
Concen: 38.01 ng
RT: 9.83 min Scan# 1191
Delta R.T. -0.03 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

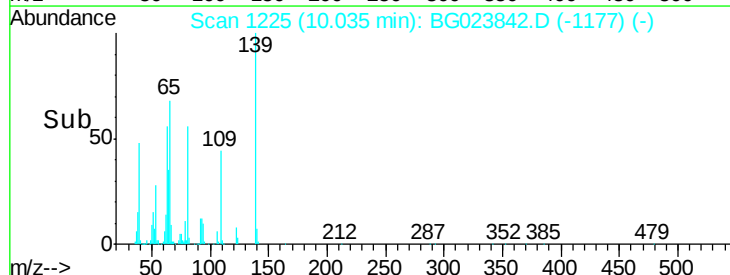
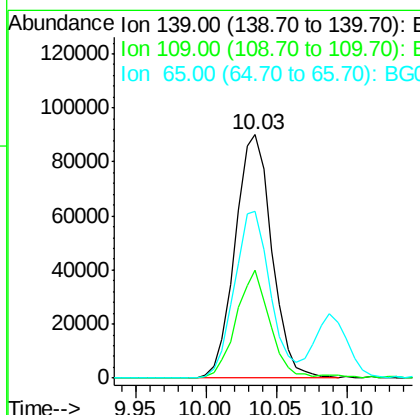
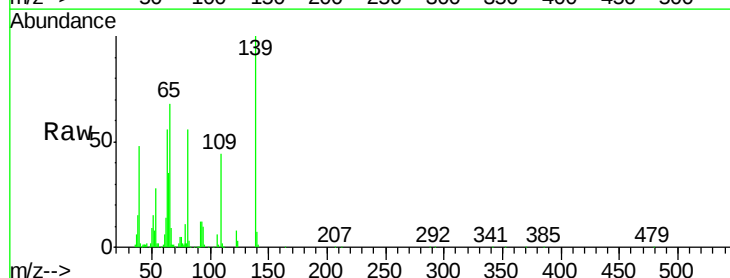
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

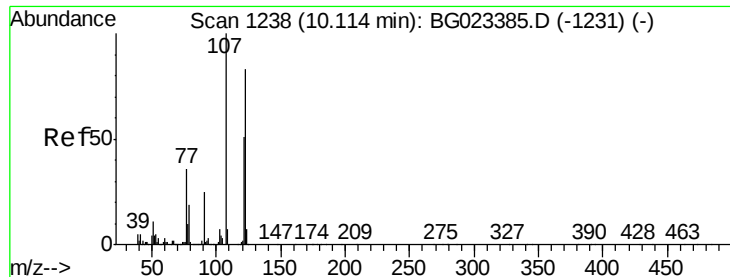
Tgt Ion: 82 Resp: 752713
Ion Ratio Lower Upper
82 100
95 8.6 8.2 12.2
138 16.1 10.7 16.1#



#26
2-Nitrophenol
Concen: 36.80 ng
RT: 10.03 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

Tgt Ion: 139 Resp: 163504
Ion Ratio Lower Upper
139 100
109 44.2 43.5 65.3
65 68.3 64.3 96.5

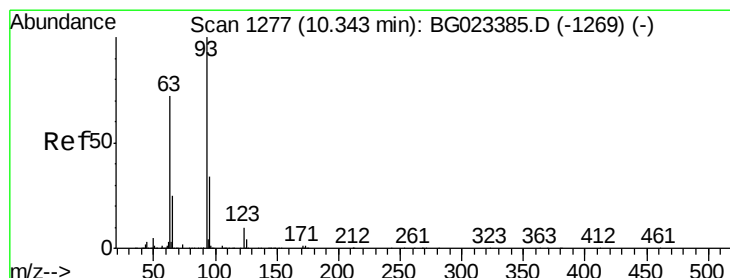
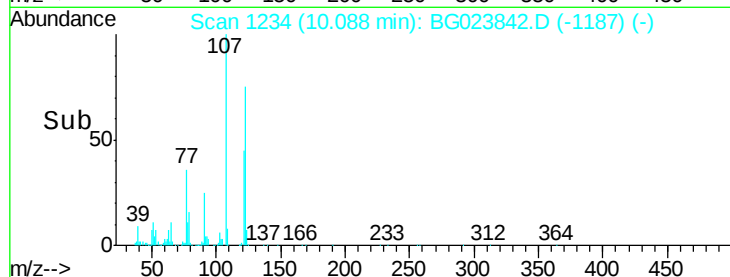
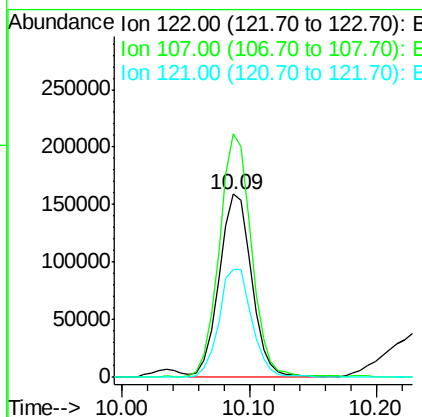
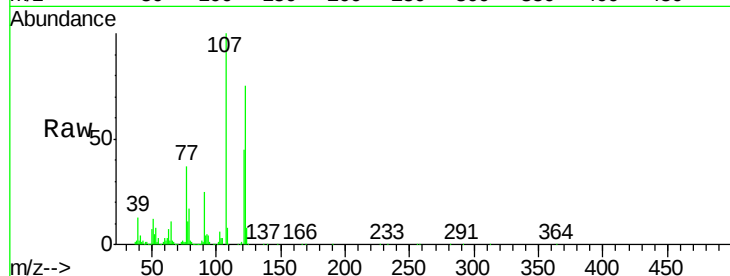




#27
 2,4-Dimethylphenol
 Concen: 37.03 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.03 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

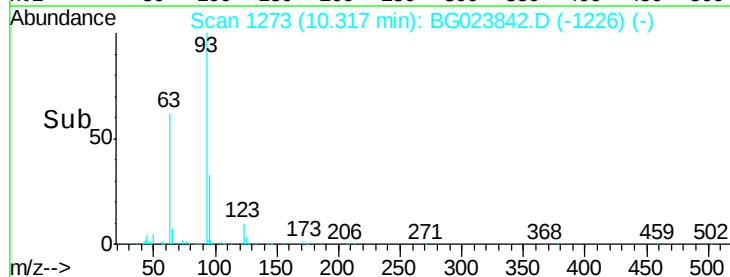
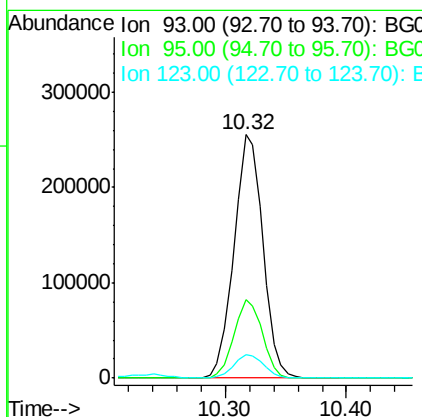
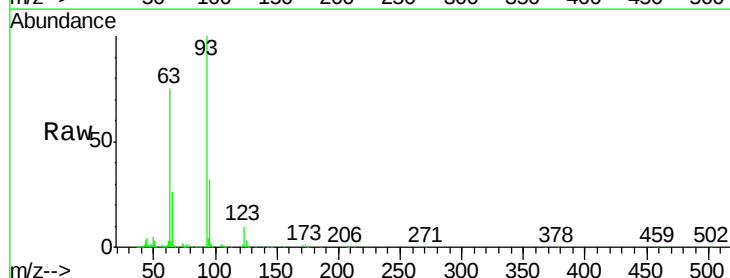
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

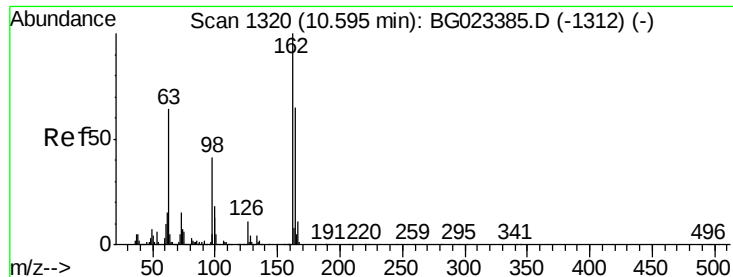
Tgt Ion	Ratio	Lower	Upper
122	100		
107	133.2	117.0	175.4
121	59.3	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.69 ng
 RT: 10.32 min Scan# 1273
 Delta R.T. -0.03 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.4	38.2
123	9.8	8.2	12.2

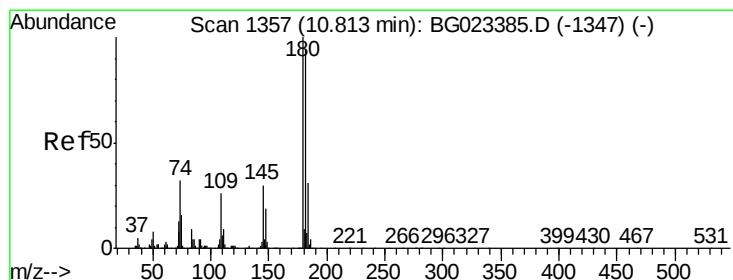
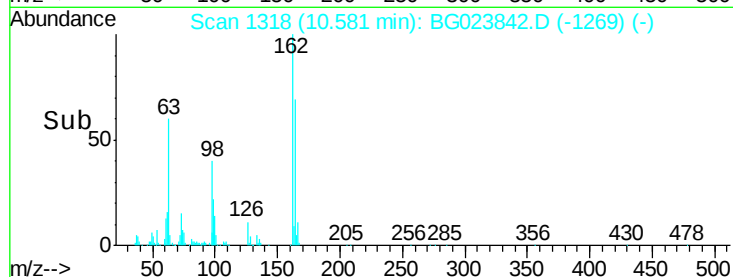
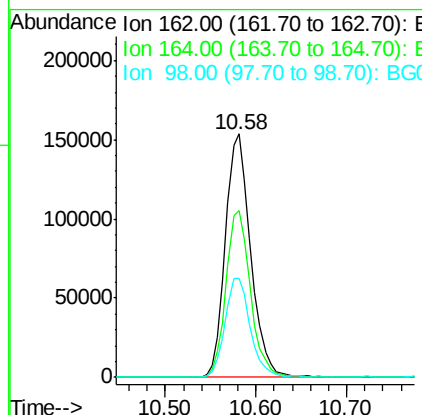
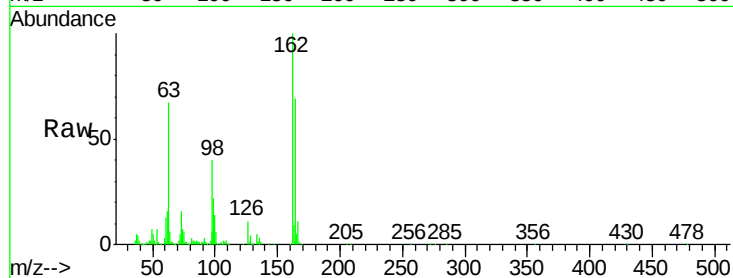




#29
 2,4-Dichlorophenol
 Concen: 39.10 ng
 RT: 10.58 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

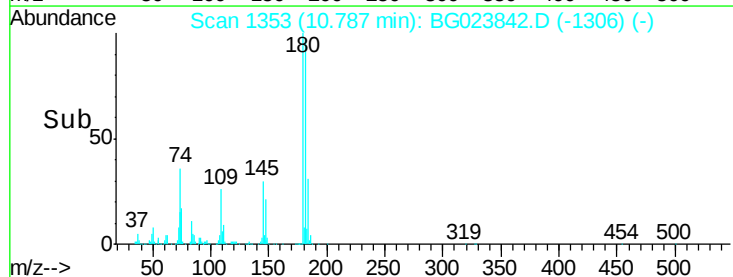
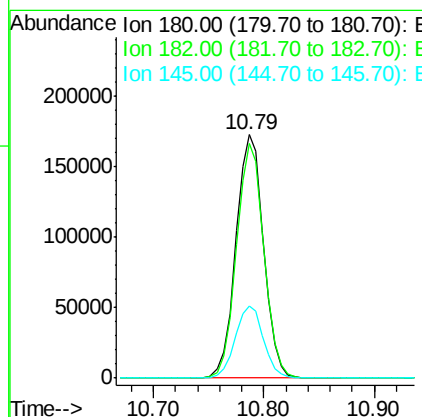
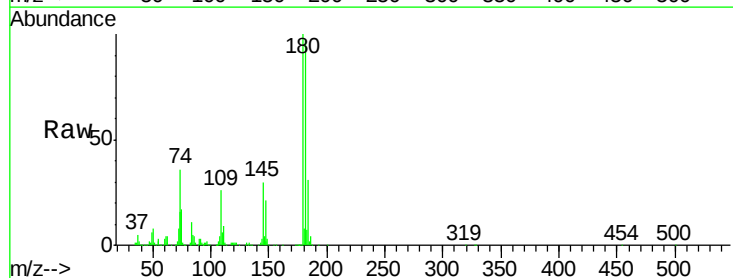
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

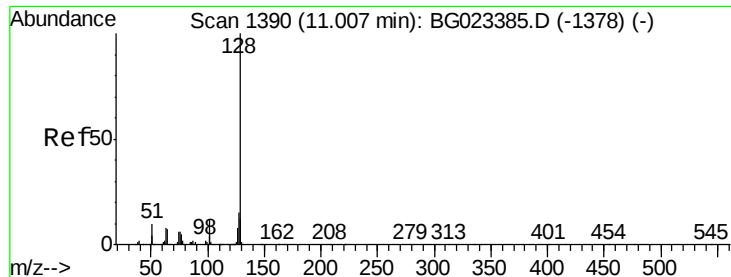
Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.7	44.3	84.3
98	40.5	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 36.90 ng
 RT: 10.79 min Scan# 1353
 Delta R.T. -0.03 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	73.8	110.8
145	29.7	24.4	36.6

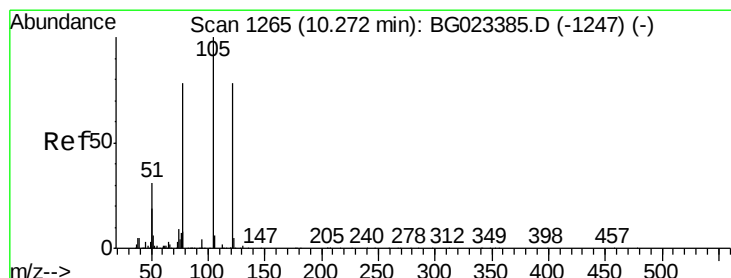
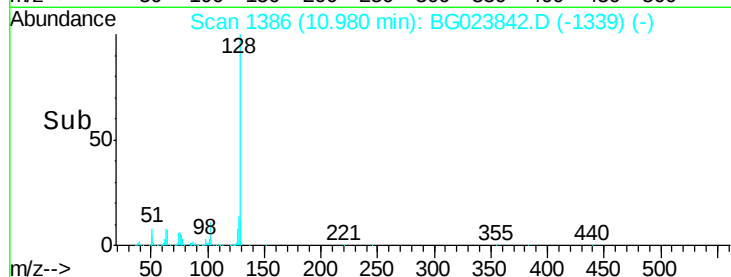
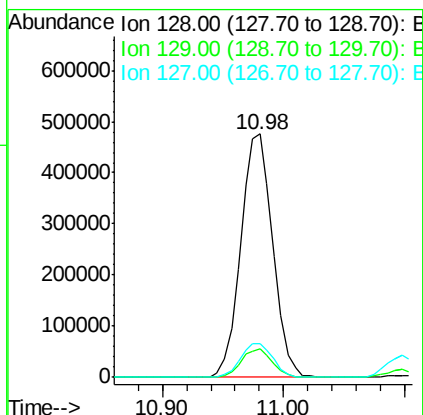
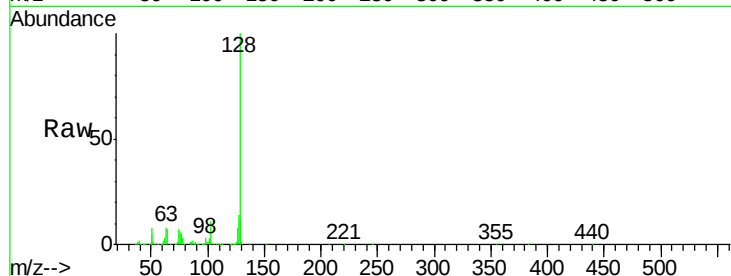




#31
Naphthalene
Concen: 36.26 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.03 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

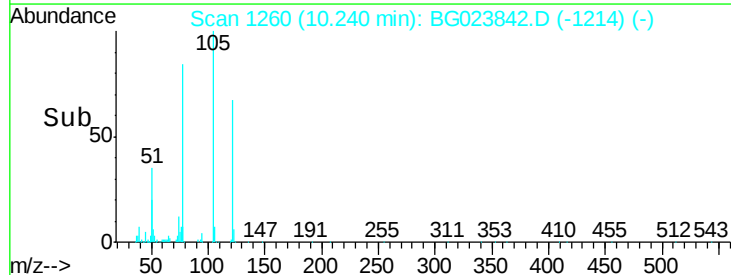
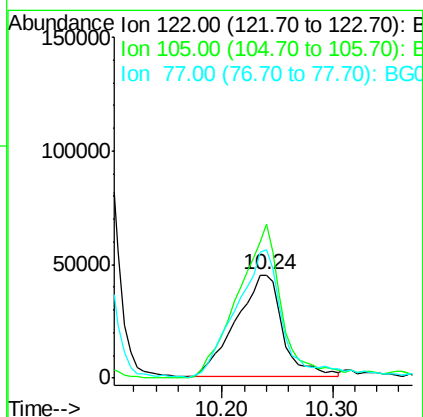
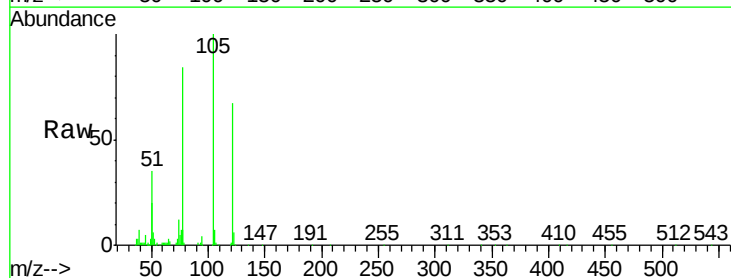
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

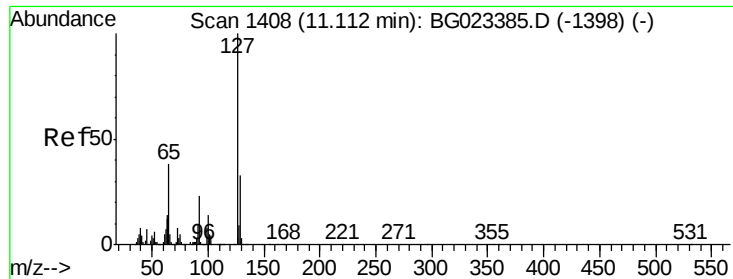
Tgt Ion:128 Resp: 872561
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.9 11.3 16.9



#32
Benzoic acid
Concen: 23.08 ng
RT: 10.24 min Scan# 1260
Delta R.T. -0.03 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

Tgt Ion:122 Resp: 133815
Ion Ratio Lower Upper
122 100
105 149.8 117.2 157.2
77 125.3 109.2 149.2

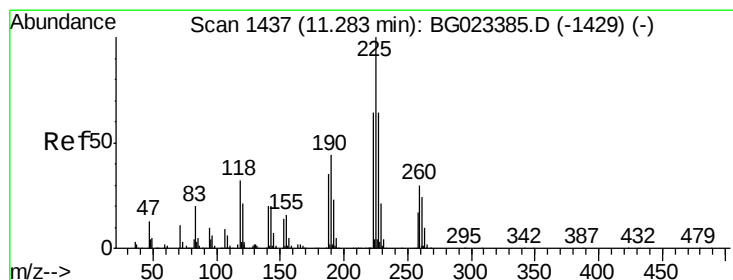
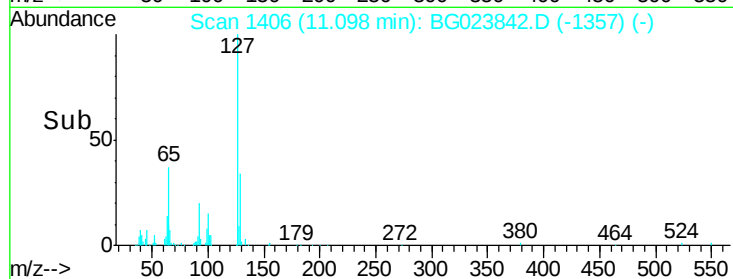
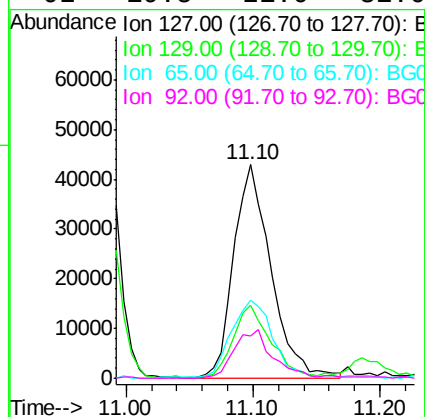
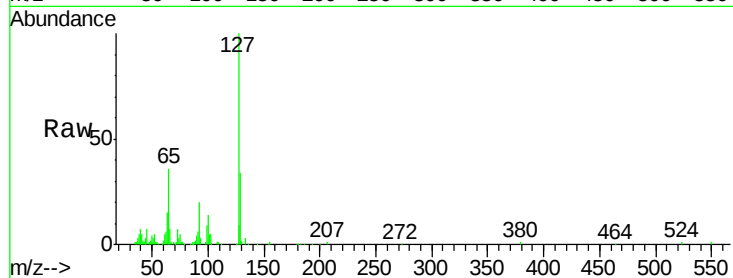




#33
4-Chloroaniline
Concen: 7.62 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

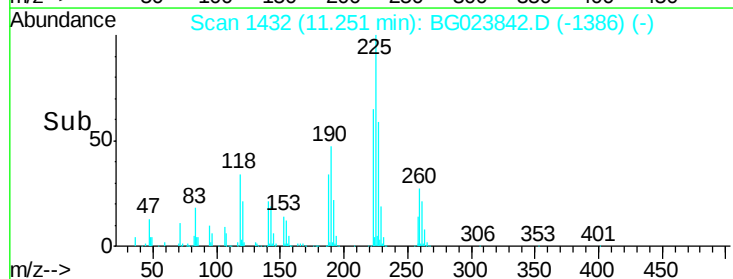
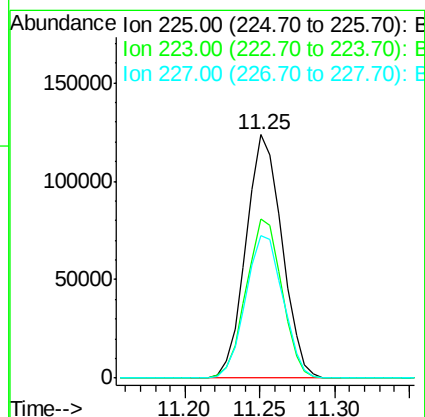
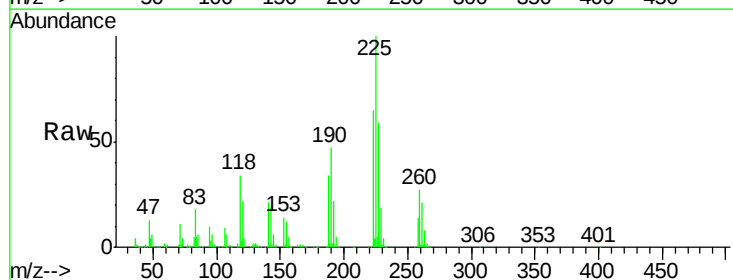
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

Tgt Ion:	127	Resp:	87642
Ion Ratio		Lower	Upper
127	100		
129	34.0	27.9	41.9
65	36.4	36.8	55.2#
92	19.5	21.0	31.6#



#34
Hexachlorobutadiene
Concen: 38.16 ng
RT: 11.25 min Scan# 1432
Delta R.T. -0.03 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

Tgt Ion:	225	Resp:	205872
Ion Ratio		Lower	Upper
225	100		
223	65.5	49.6	74.4
227	58.7	54.5	81.7





#35

Caprolactam

Concen: 13.46 ng

RT: 11.88 min Scan# 1539

Delta R.T. -0.02 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

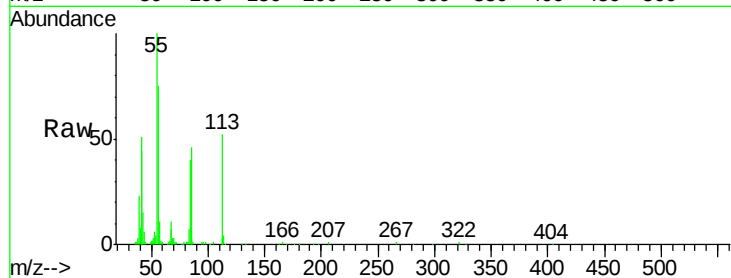
Tgt Ion:113 Resp: 43084

Ion Ratio Lower Upper

113 100

55 193.9 154.5 194.5

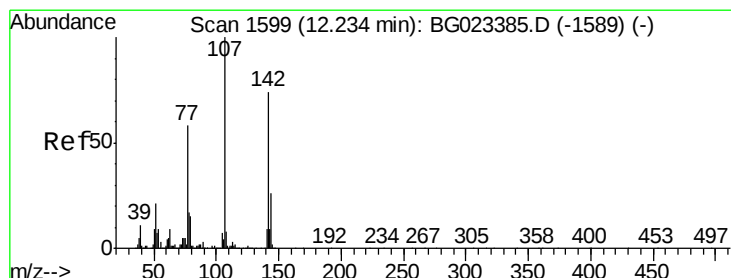
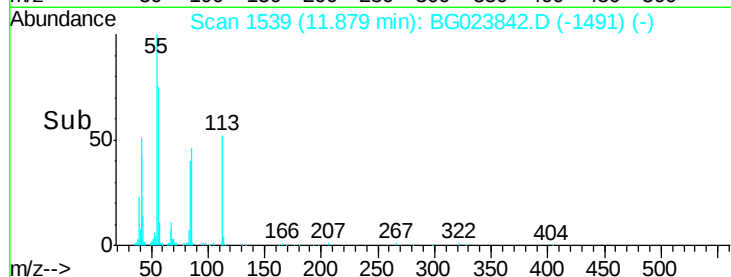
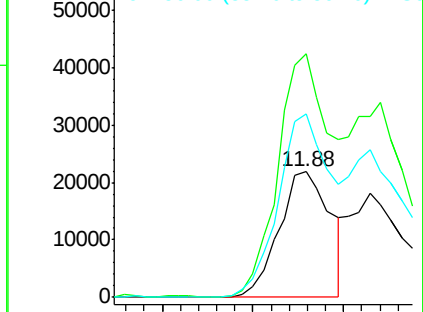
56 145.8 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 36.70 ng

RT: 12.22 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

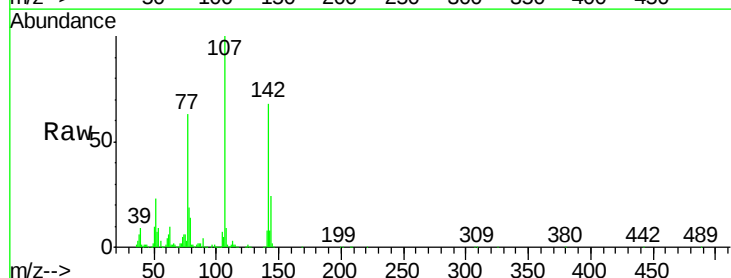
Tgt Ion:107 Resp: 366846

Ion Ratio Lower Upper

107 100

144 24.2 17.0 25.6

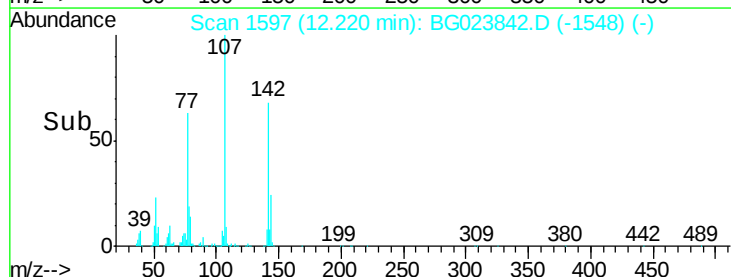
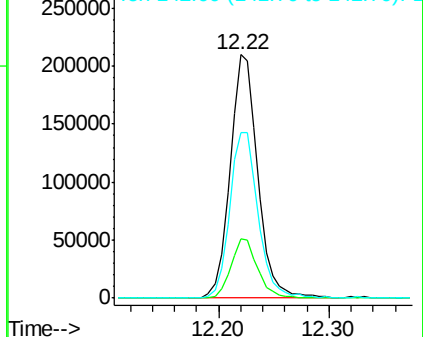
142 68.1 53.0 79.6

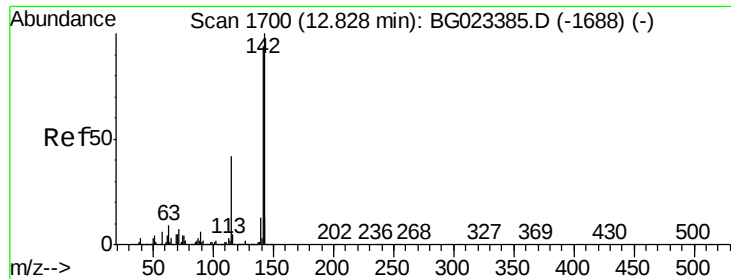


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

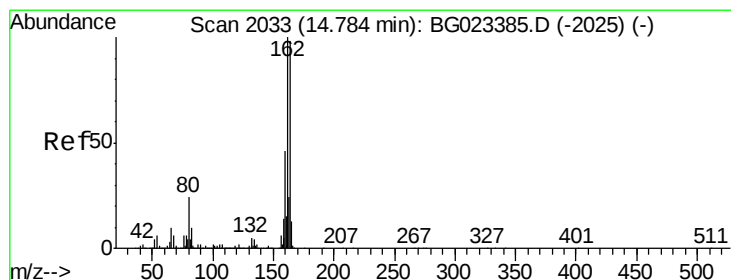
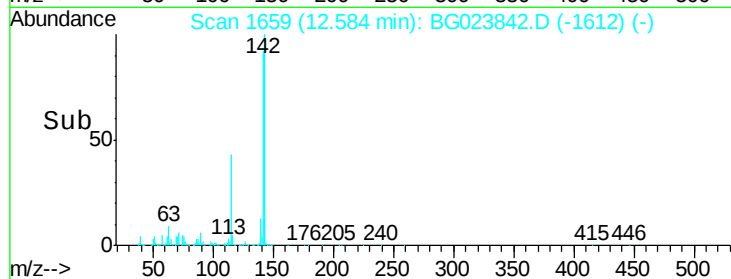
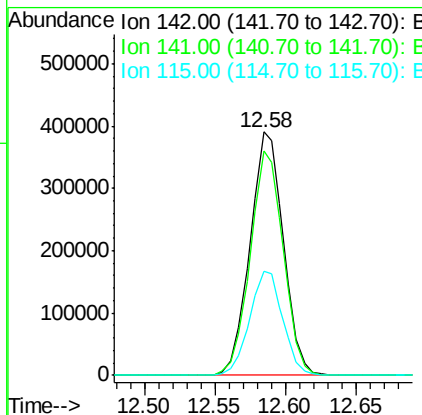
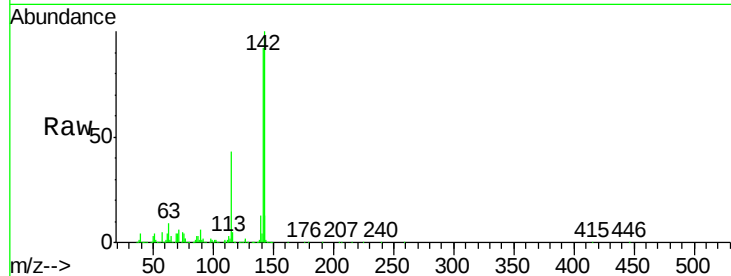




#37
2-Methylnaphthalene
Concen: 35.31 ng
RT: 12.58 min Scan# 1659
Delta R.T. -0.03 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

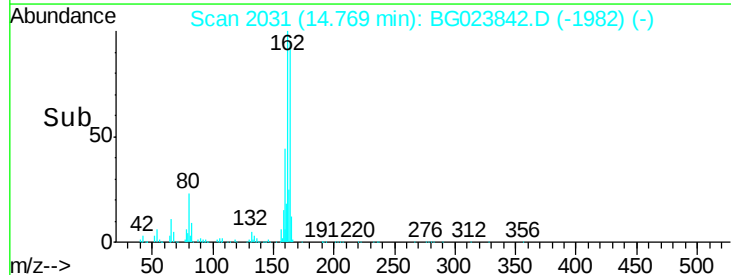
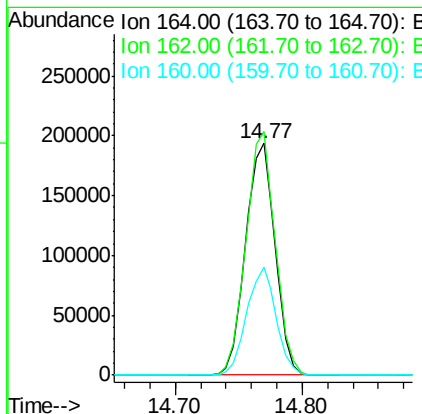
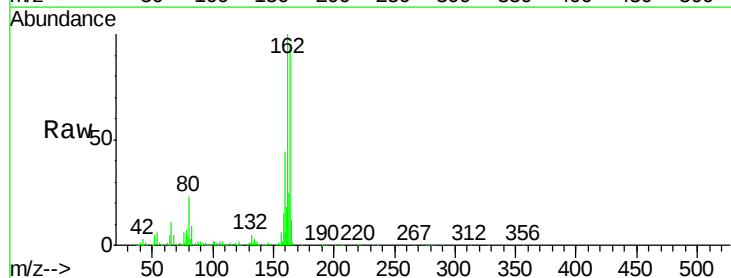
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	70.2	105.2
115	42.8	41.7	62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	87.7	131.5
160	46.5	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.48 ng

RT: 12.95 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

Tgt Ion:216 Resp: 322733

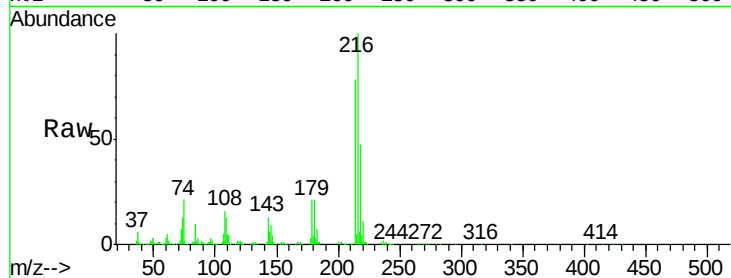
Ion Ratio Lower Upper

216 100

214 79.6 62.9 94.3

179 21.9 17.2 25.8

108 19.9 16.3 24.5

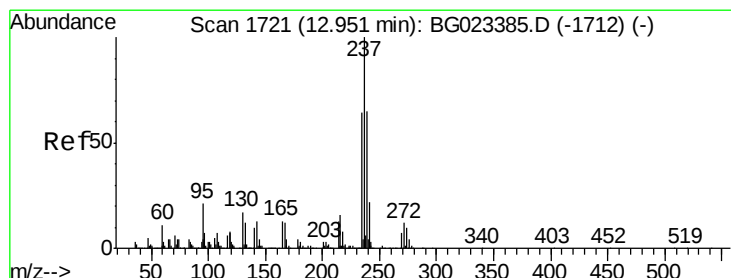
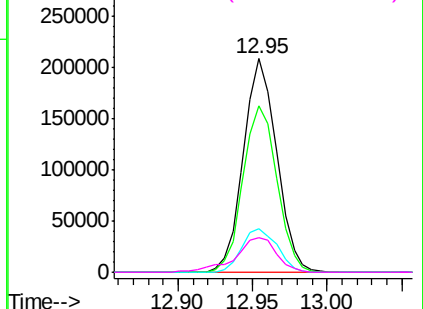
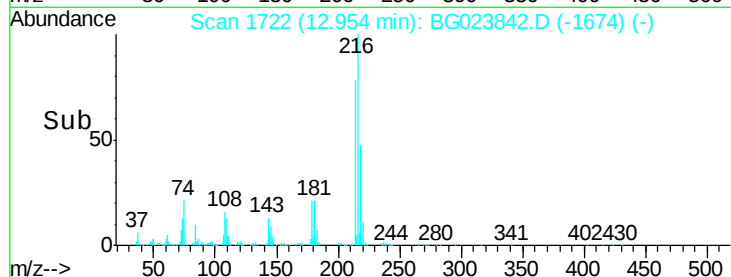


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 45.20 ng

RT: 12.92 min Scan# 1717

Delta R.T. -0.03 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

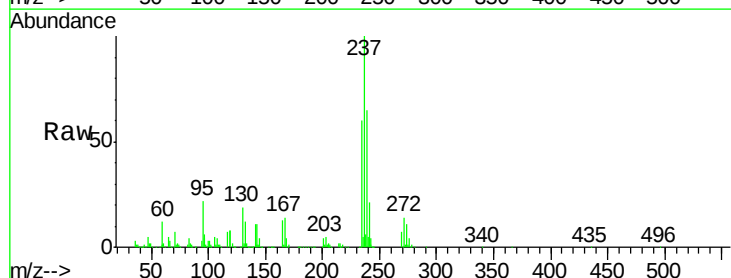
Tgt Ion:237 Resp: 258277

Ion Ratio Lower Upper

237 100

235 60.3 43.1 83.1

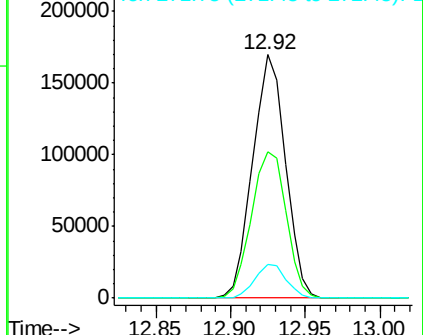
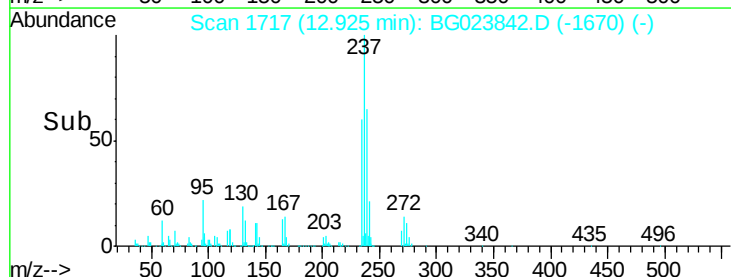
272 14.0 0.0 30.9

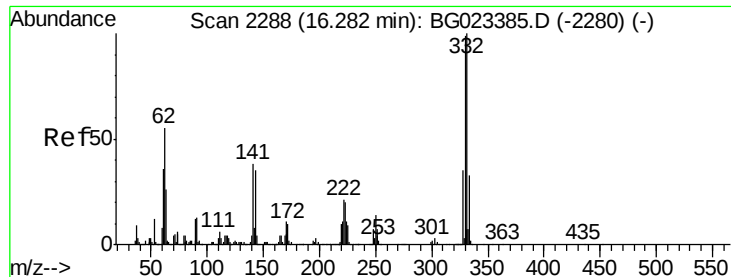


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

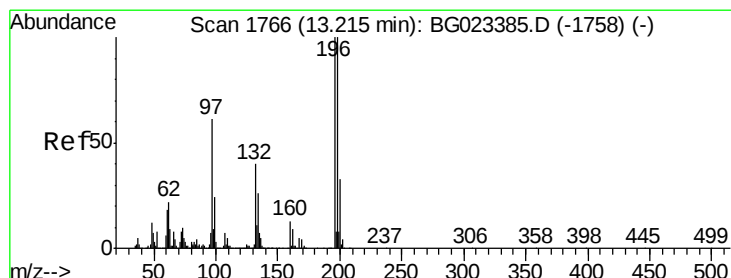
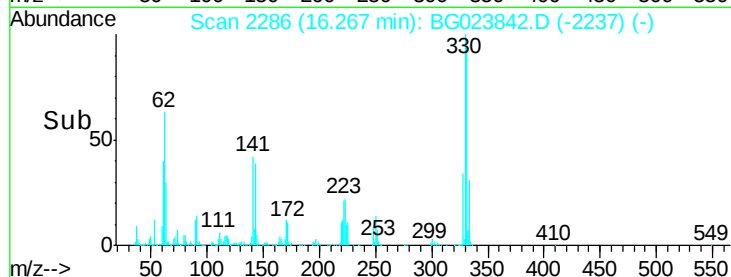
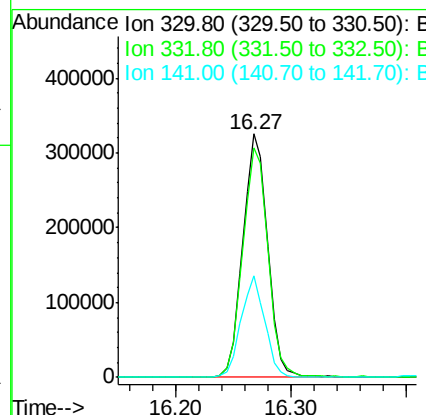
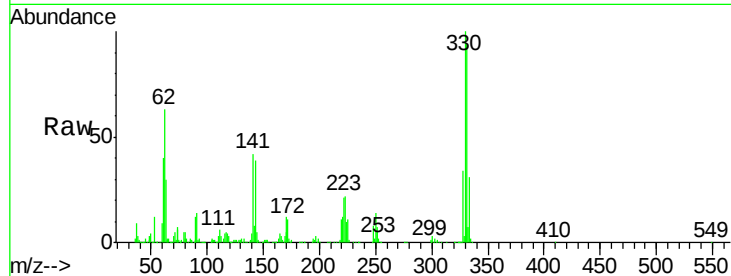




#41
 2,4,6-Tribromophenol
 Concen: 105.99 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. -0.01 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

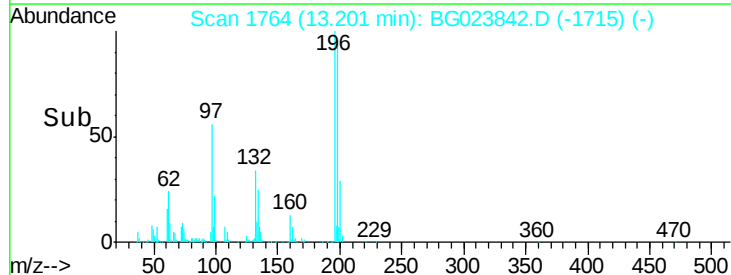
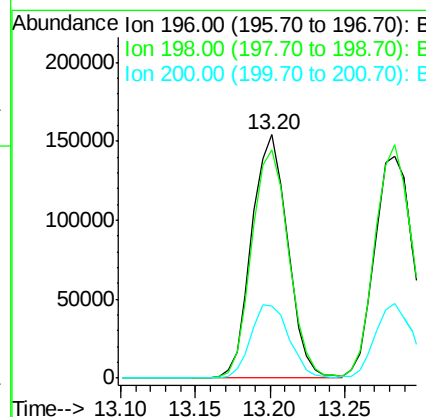
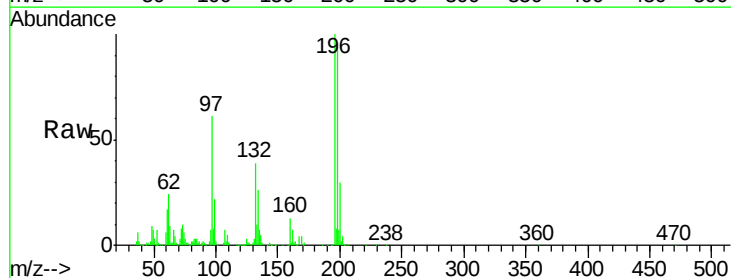
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

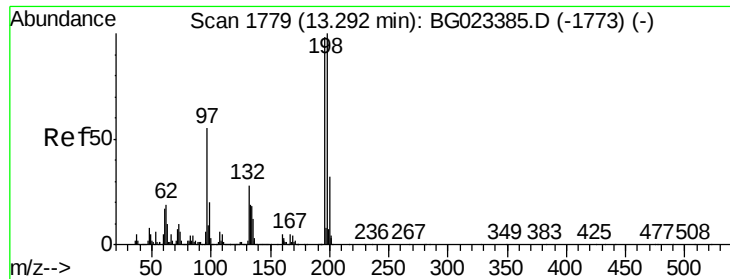
Tgt Ion:330 Resp: 484490
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 39.9 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 38.11 ng
 RT: 13.20 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

Tgt Ion:196 Resp: 257282
 Ion Ratio Lower Upper
 196 100
 198 93.6 78.2 117.2
 200 29.6 27.0 40.4

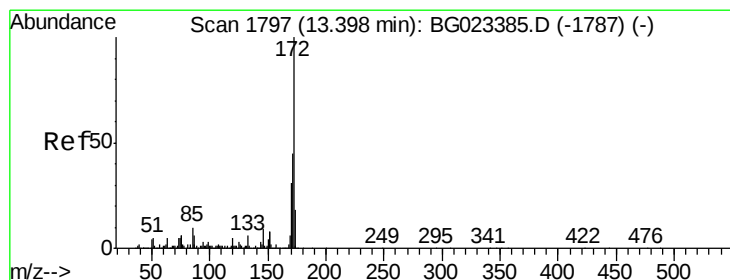
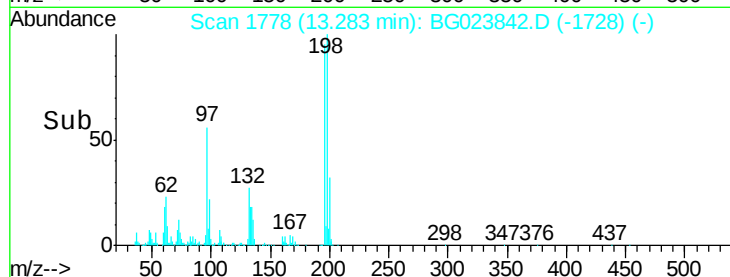
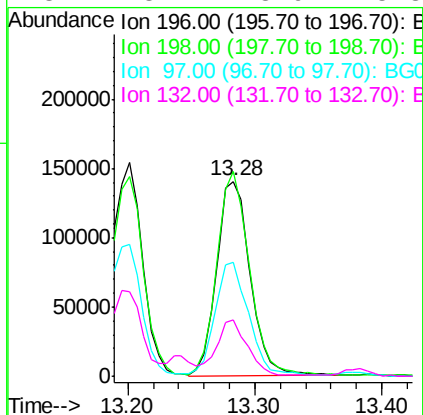
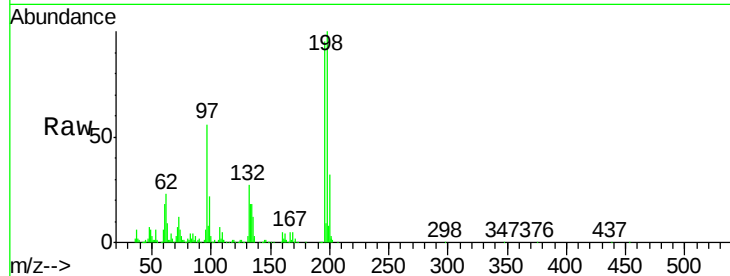




#43
 2,4,5-Trichlorophenol
 Concen: 37.18 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

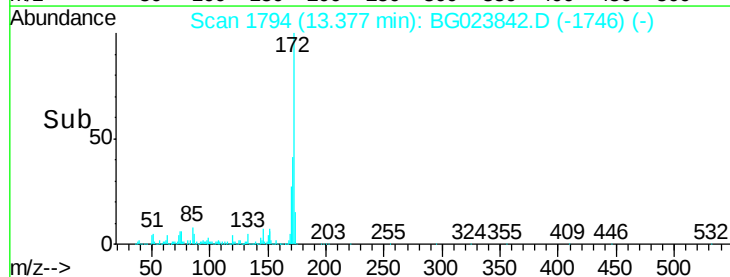
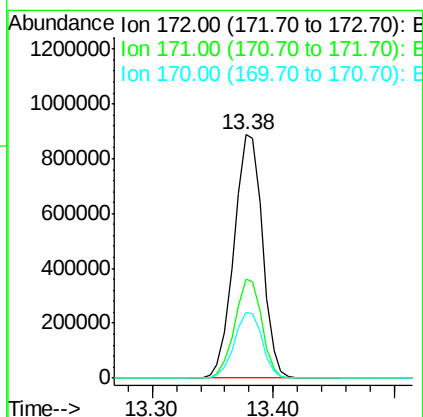
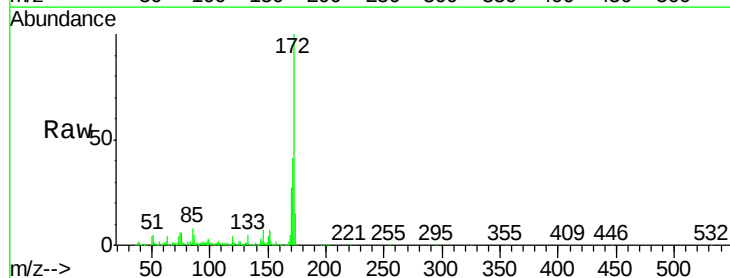
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	105.0	85.7	128.5
97	58.4	45.5	68.3
132	28.7	18.9	28.3



#44
 2-Fluorobiphenyl
 Concen: 78.40 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.6	31.6	47.4
170	26.9	21.3	31.9

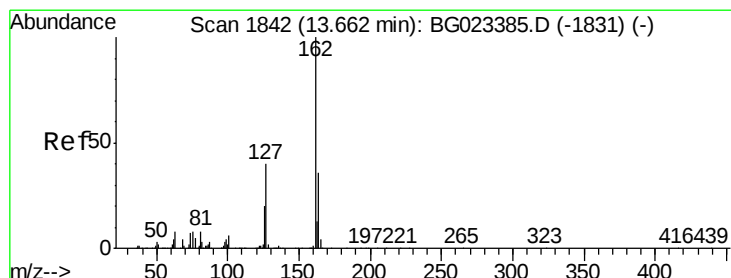
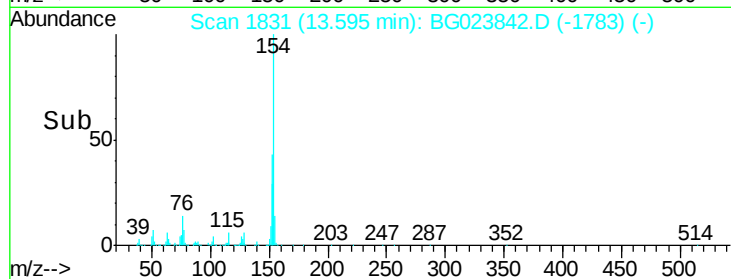
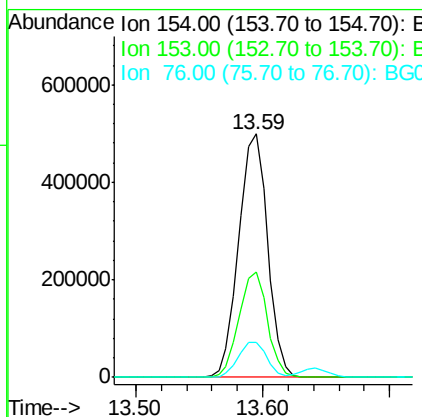
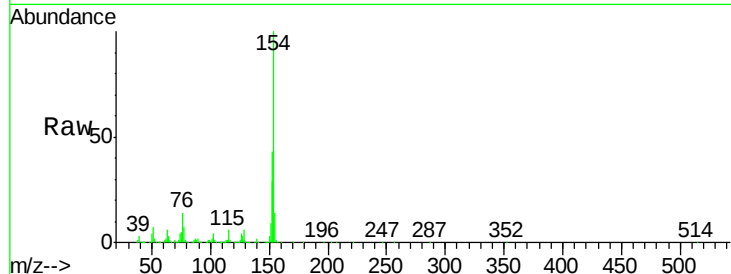




#45
 1,1'-Biphenyl
 Concen: 33.02 ng
 RT: 13.59 min Scan# 1831
 Delta R.T. -0.02 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

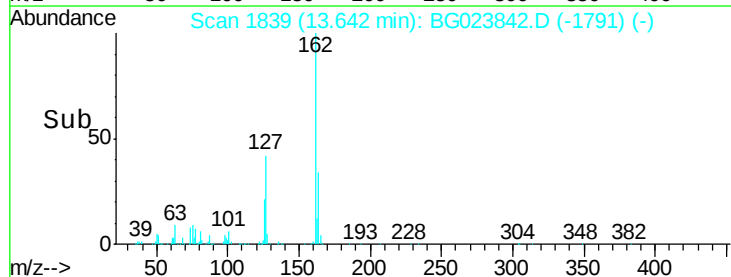
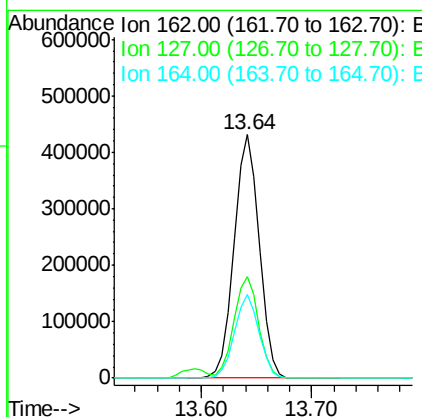
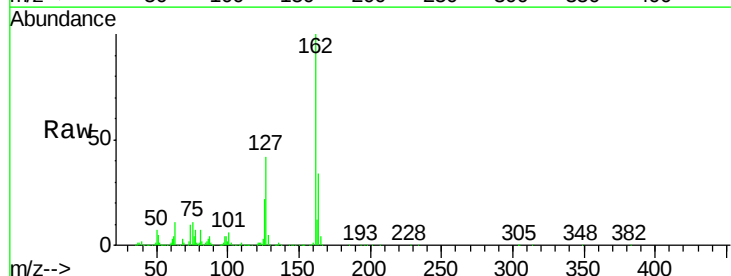
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

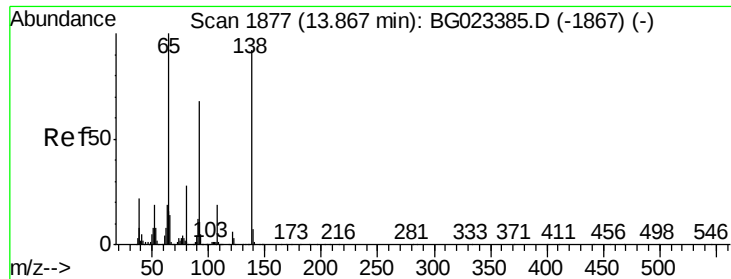
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	20.2	60.2
76	14.4	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 37.28 ng
 RT: 13.64 min Scan# 1839
 Delta R.T. -0.02 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.4	48.6
164	34.2	25.2	37.8

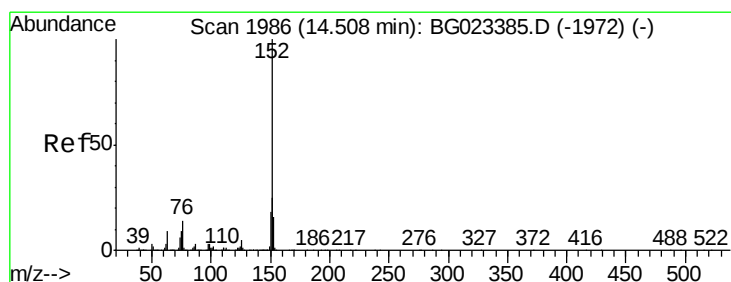
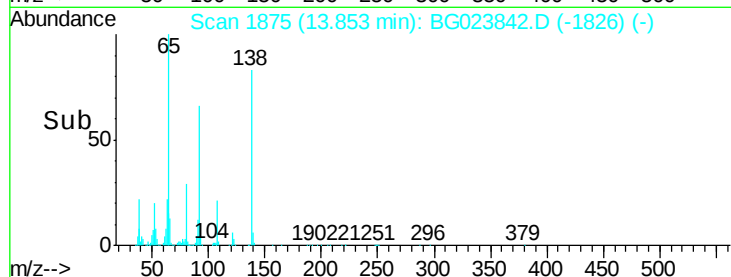
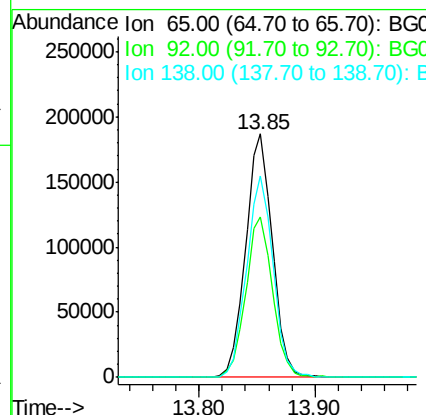
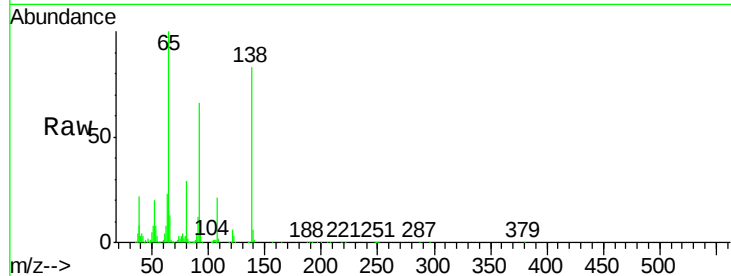




#47
2-Nitroaniline
Concen: 39.06 ng
RT: 13.85 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

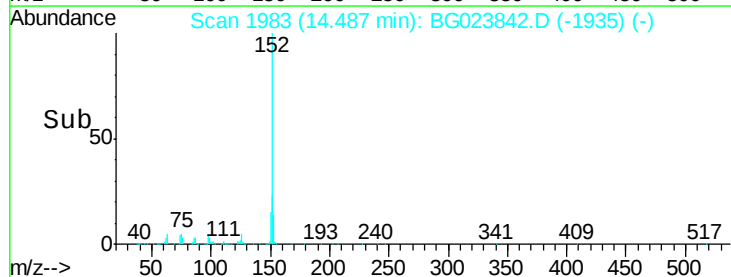
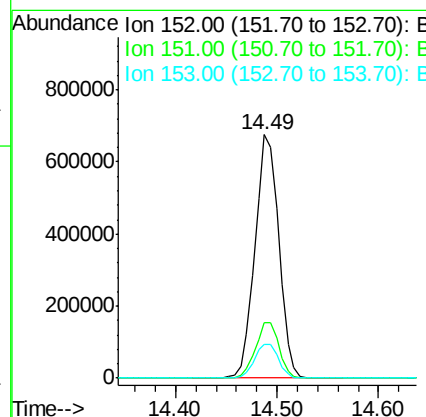
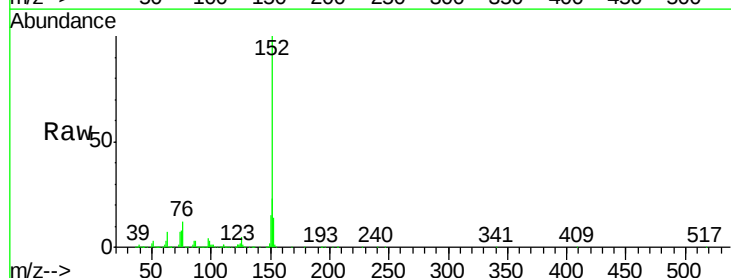
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

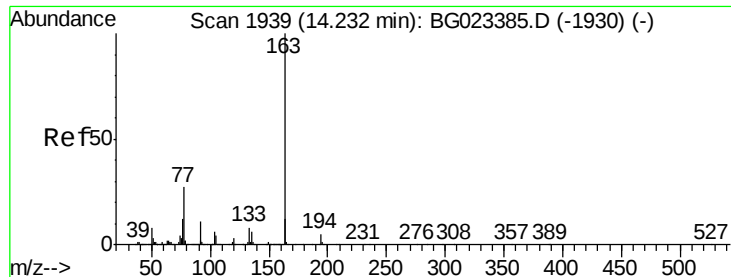
Tgt Ion: 65 Resp: 299700
Ion Ratio Lower Upper
65 100
92 65.7 49.4 74.0
138 82.9 58.0 87.0



#48
Acenaphthylene
Concen: 37.85 ng
RT: 14.49 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

Tgt Ion: 152 Resp: 1105710
Ion Ratio Lower Upper
152 100
151 22.6 17.6 26.4
153 13.7 11.4 17.2





#49

Dimethylphthalate

Concen: 40.15 ng

RT: 14.21 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

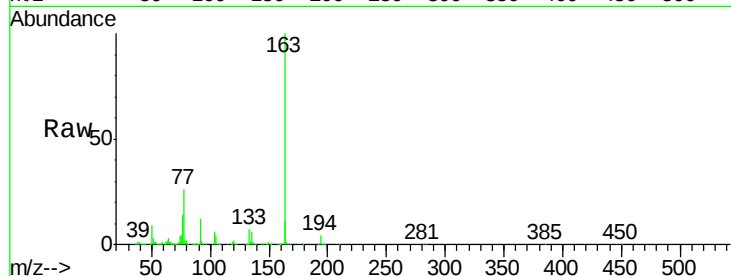
Tgt Ion:163 Resp: 962634

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

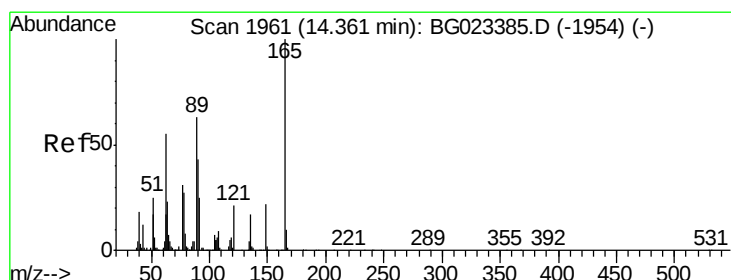
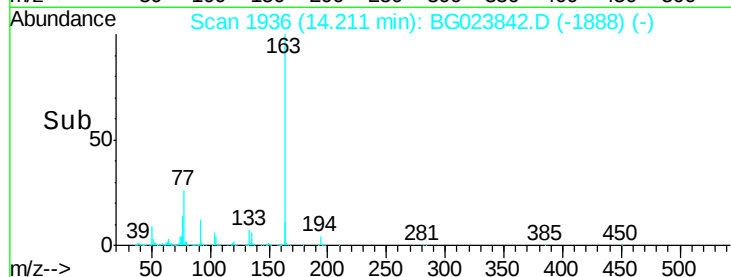
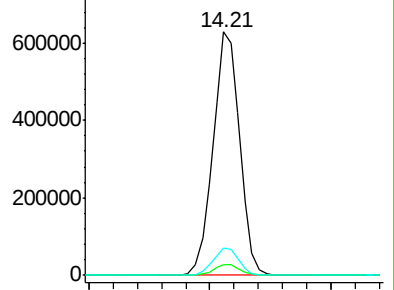
164 11.2 8.1 12.1



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: 37.07 ng

RT: 14.34 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

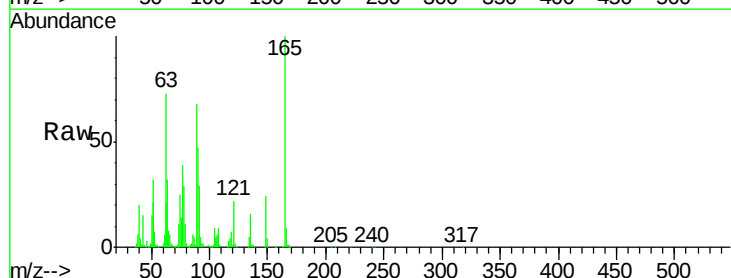
Tgt Ion:165 Resp: 210519

Ion Ratio Lower Upper

165 100

63 72.9 64.3 96.5

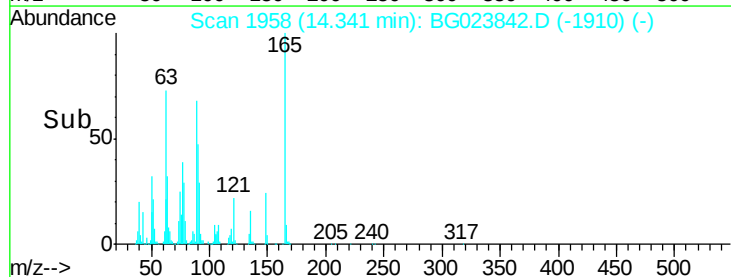
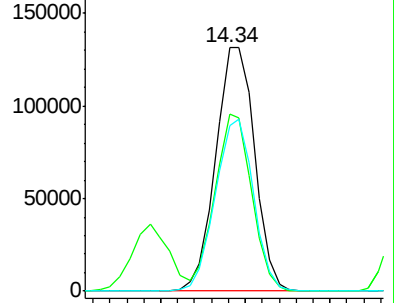
89 67.9 64.3 96.5

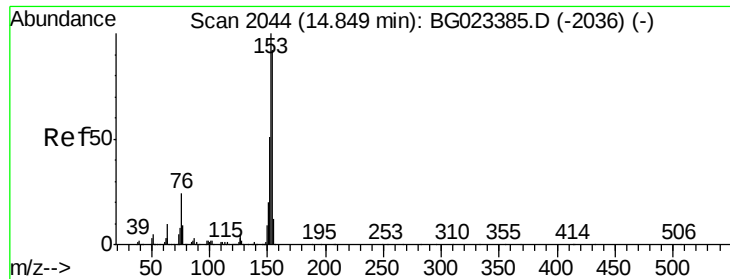


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 37.33 ng

RT: 14.83 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

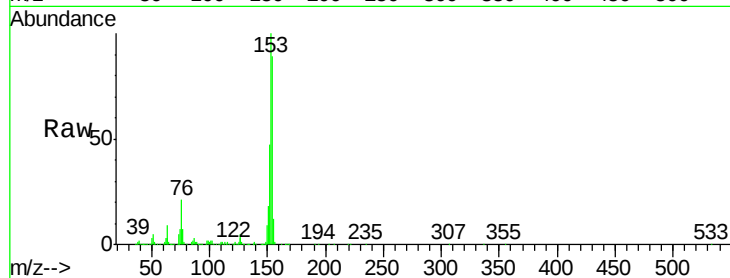
Tgt Ion:154 Resp: 690854

Ion Ratio Lower Upper

154 100

153 112.7 87.5 131.3

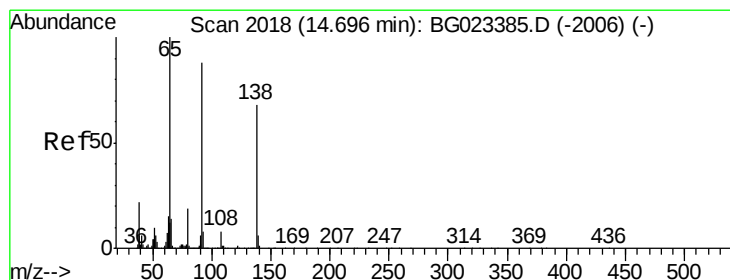
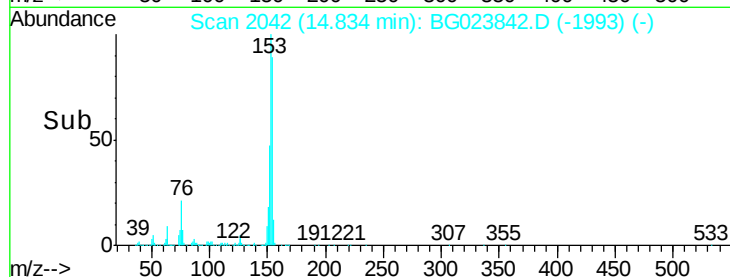
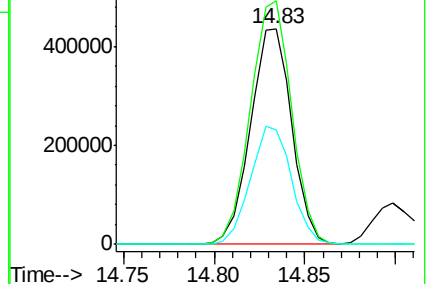
152 52.8 42.7 64.1



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: 17.59 ng

RT: 14.68 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

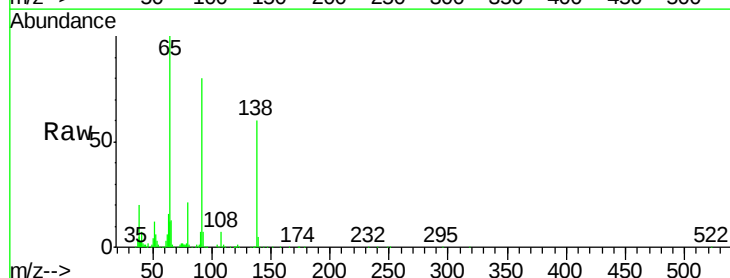
Tgt Ion:138 Resp: 112630

Ion Ratio Lower Upper

138 100

108 11.3 11.7 17.5#

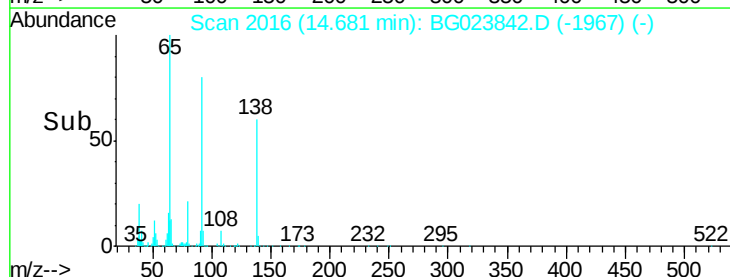
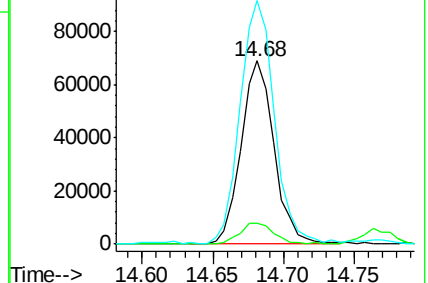
92 133.0 129.7 194.5

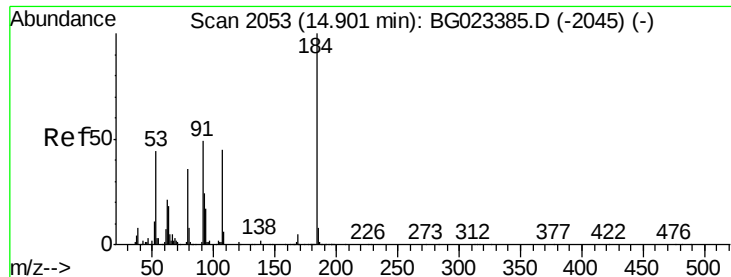


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

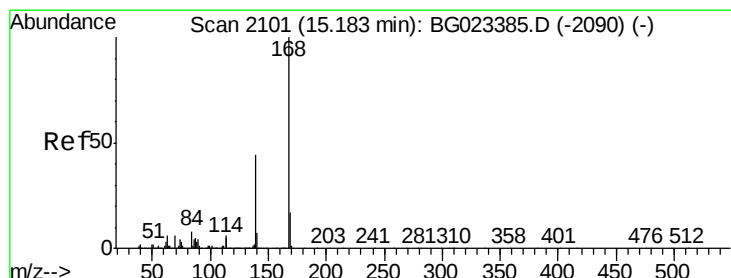
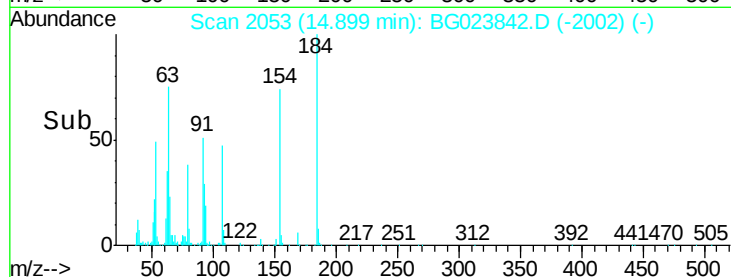
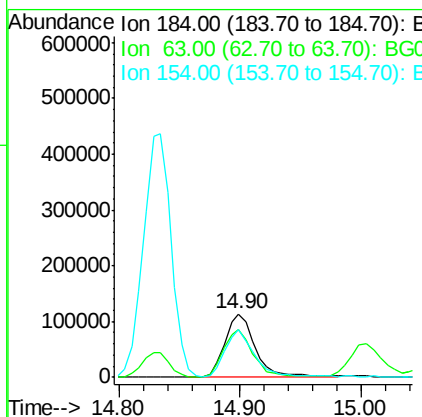
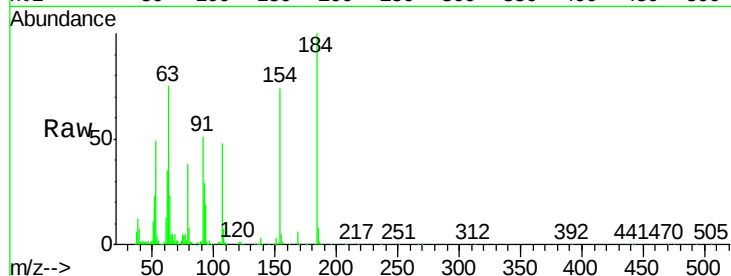




#53
2,4-Dinitrophenol
Concen: 55.01 ng
RT: 14.90 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

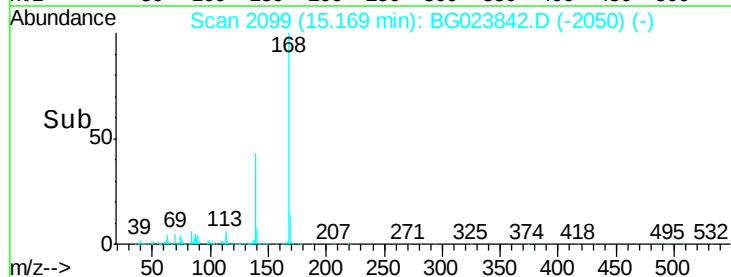
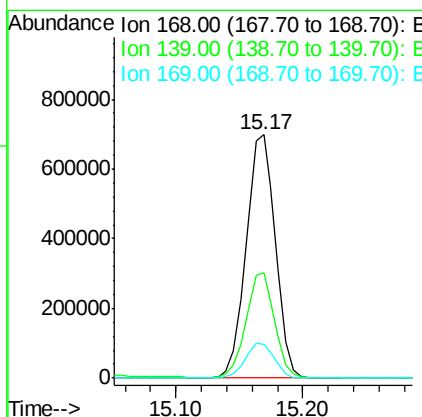
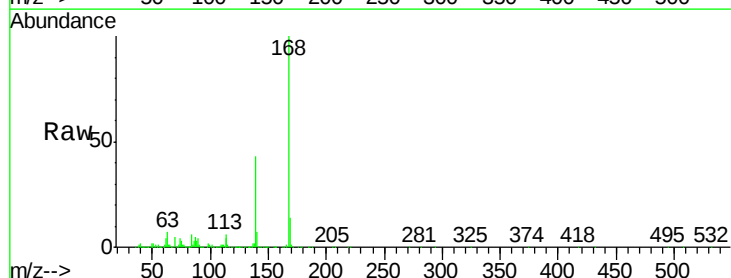
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

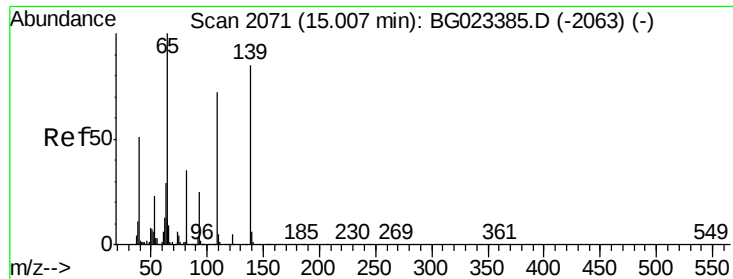
Tgt Ion:184 Resp: 200238
Ion Ratio Lower Upper
184 100
63 75.1 59.6 89.4
154 74.1 67.4 101.0



#54
Dibenzofuran
Concen: 41.54 ng
RT: 15.17 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

Tgt Ion:168 Resp: 1116156
Ion Ratio Lower Upper
168 100
139 43.4 36.4 54.6
169 13.7 11.9 17.9





#55

4-Nitrophenol

Concen: 61.56 ng

RT: 15.00 min Scan# 2071

Delta R.T. -0.00 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

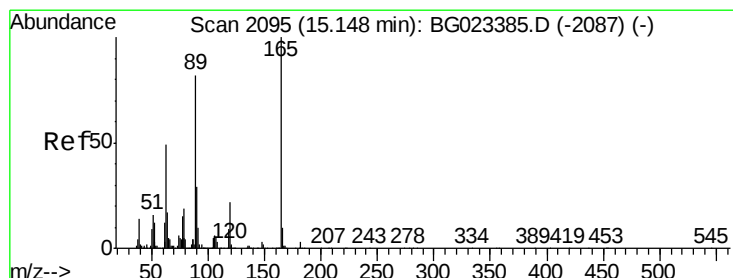
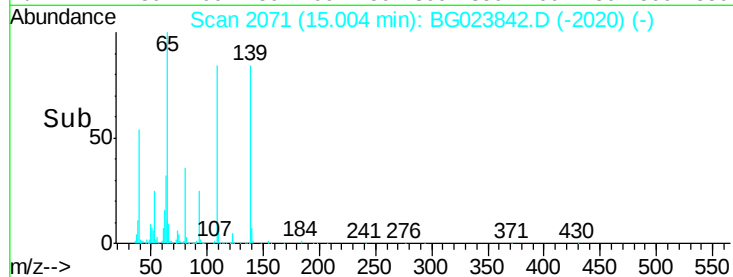
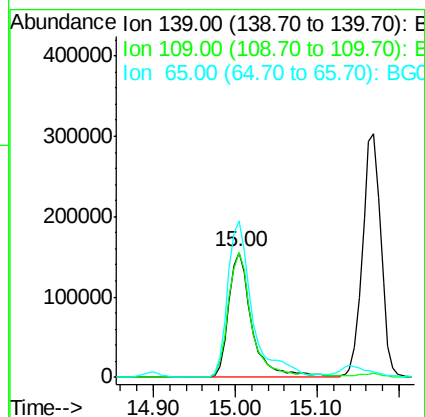
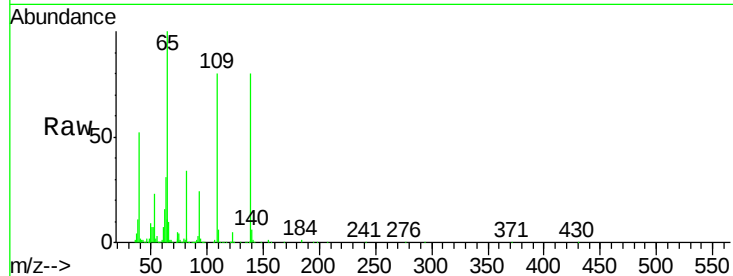
Tgt Ion:139 Resp: 309577

Ion Ratio Lower Upper

139 100

109 99.5 103.0 143.0#

65 124.9 112.7 152.7



#56

2,4-Dinitrotoluene

Concen: 39.47 ng

RT: 15.14 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Tgt Ion:165 Resp: 314518

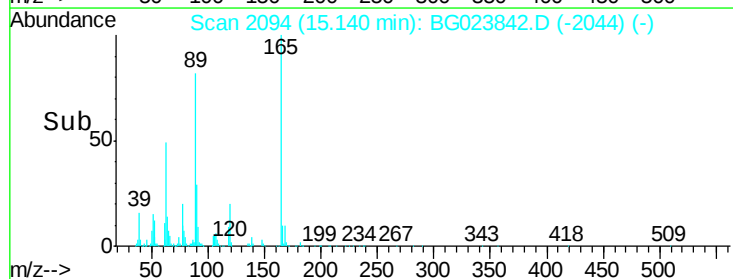
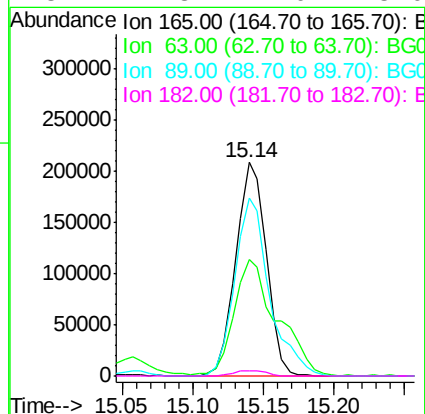
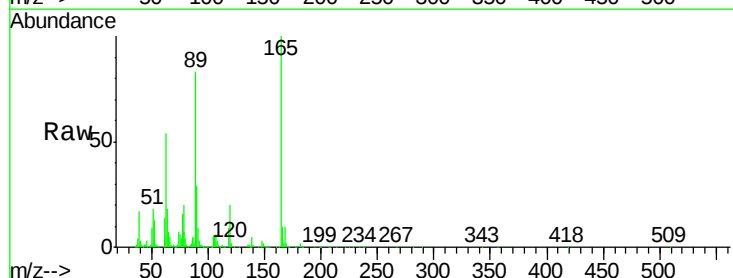
Ion Ratio Lower Upper

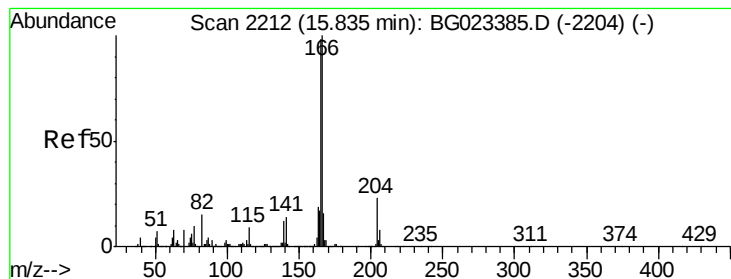
165 100

63 54.4 45.8 68.6

89 83.1 68.6 102.8

182 2.3 2.0 3.0





#57

Fluorene

Concen: 39.50 ng

RT: 15.82 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

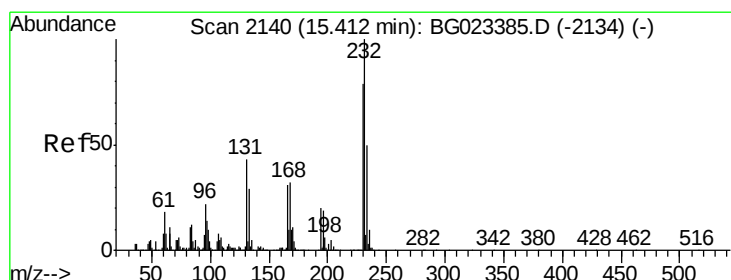
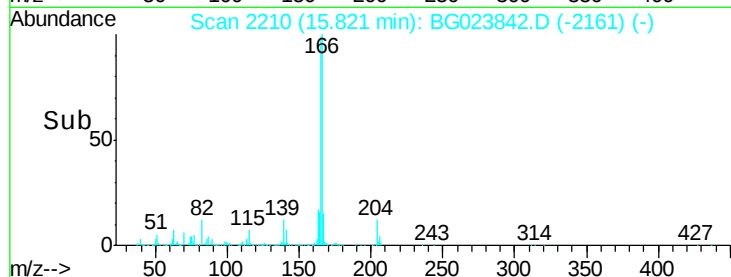
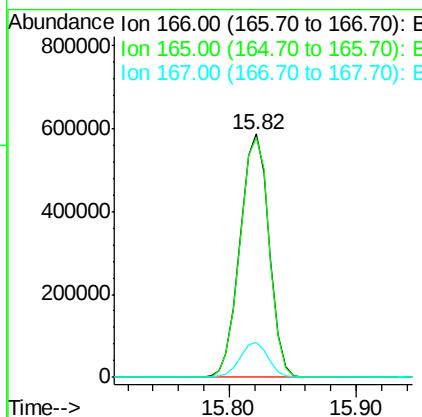
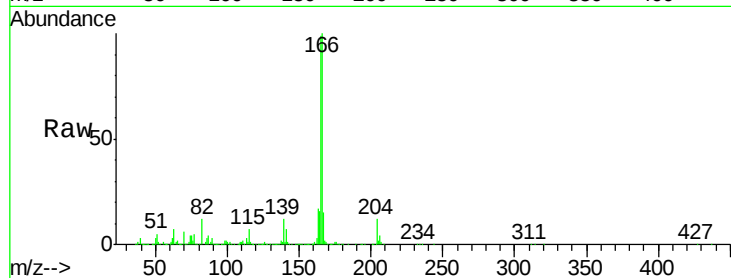
Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

Tgt Ion:	166	Resp:	926133
Ion	Ratio	Lower	Upper
166	100		
165	98.7	81.0	121.6
167	14.5	12.0	18.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.58 ng

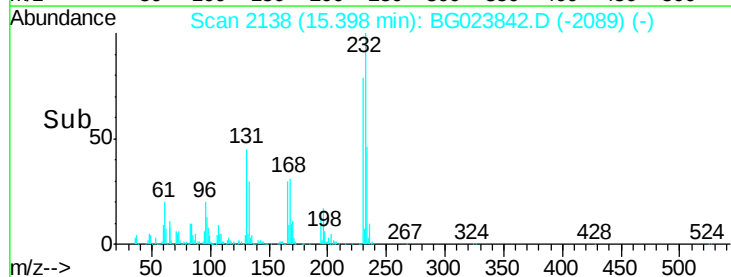
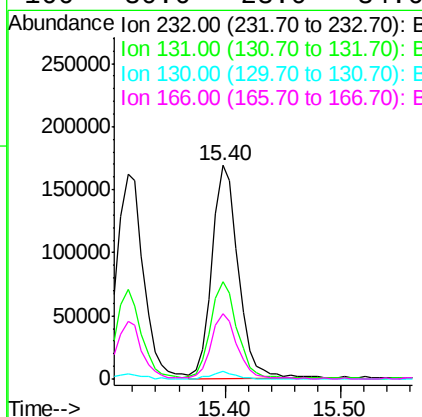
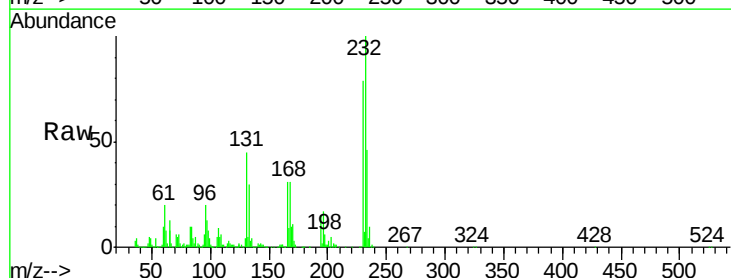
RT: 15.40 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Tgt Ion:	232	Resp:	265193
Ion	Ratio	Lower	Upper
232	100		
131	45.6	32.7	49.1
130	3.2	2.6	3.8
166	30.6	23.0	34.6





#59

Diethylphthalate

Concen: 40.62 ng

RT: 15.57 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

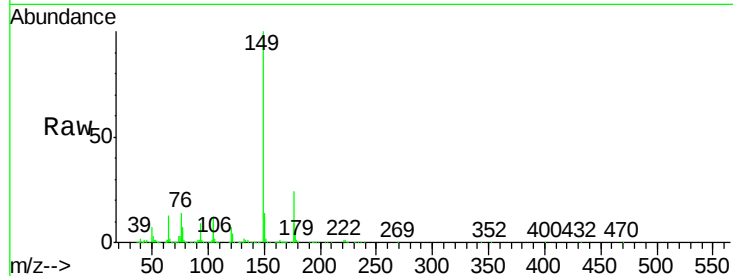
Tgt Ion:149 Resp: 988718

Ion Ratio Lower Upper

149 100

177 24.5 19.2 28.8

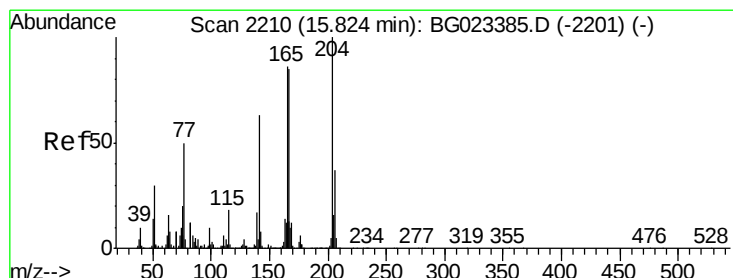
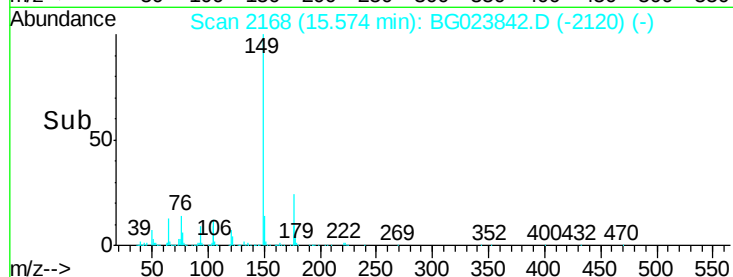
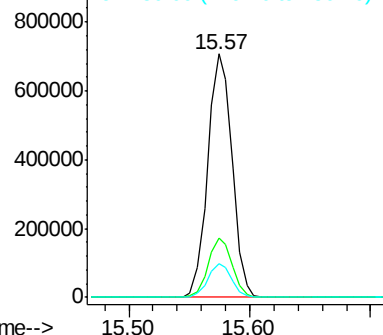
150 13.9 10.6 16.0



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: 38.14 ng

RT: 15.80 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

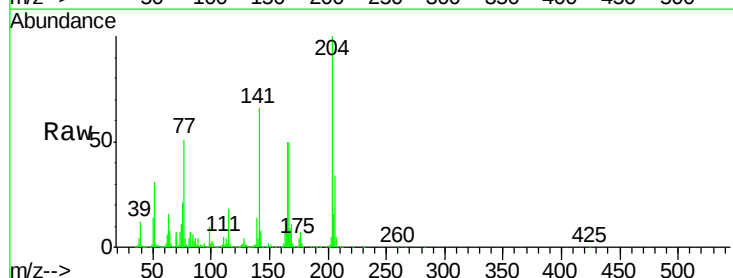
Tgt Ion:204 Resp: 473299

Ion Ratio Lower Upper

204 100

206 34.1 28.5 42.7

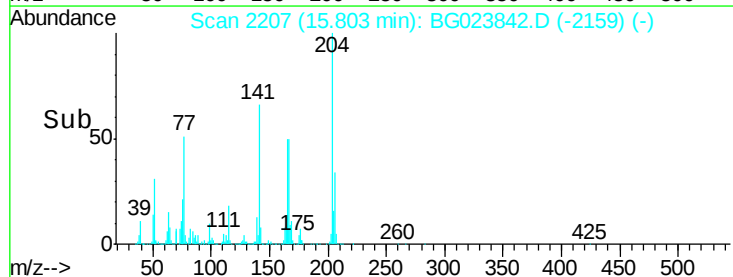
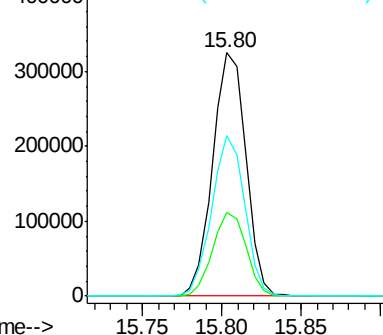
141 65.9 51.4 77.0



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

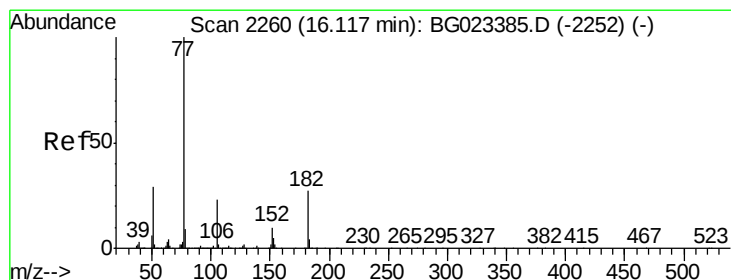
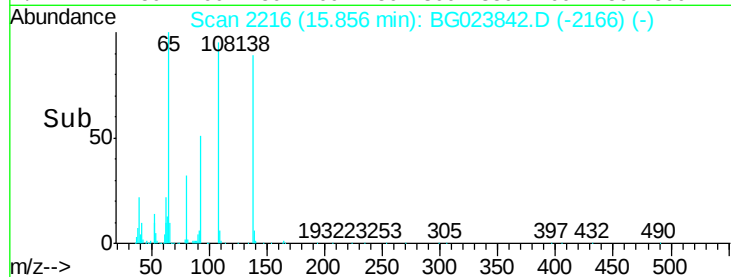
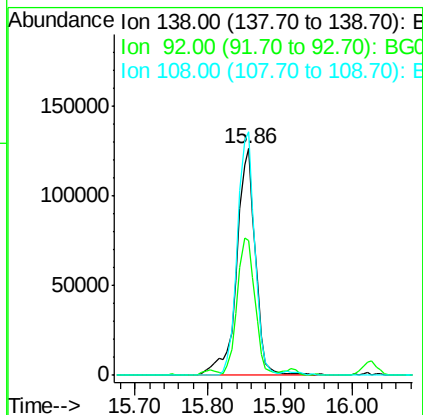
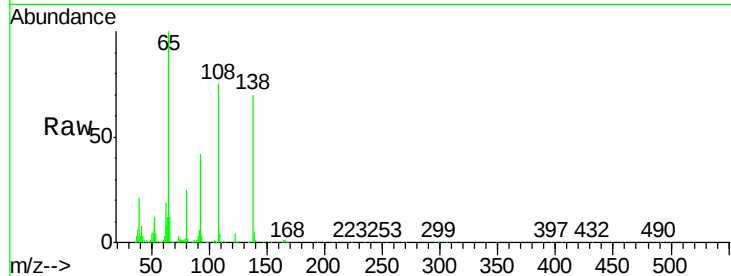




#61
4-Nitroaniline
Concen: 33.29 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

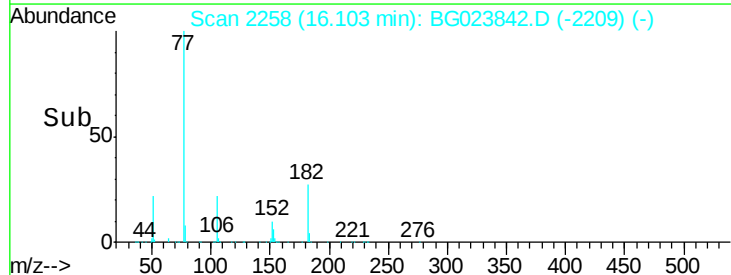
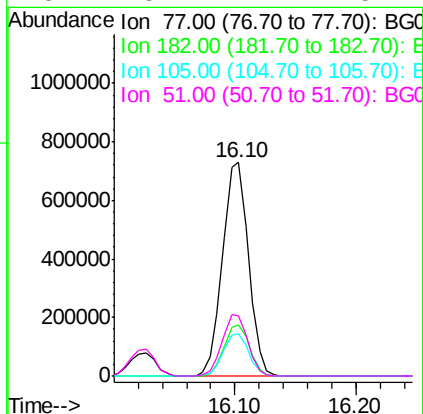
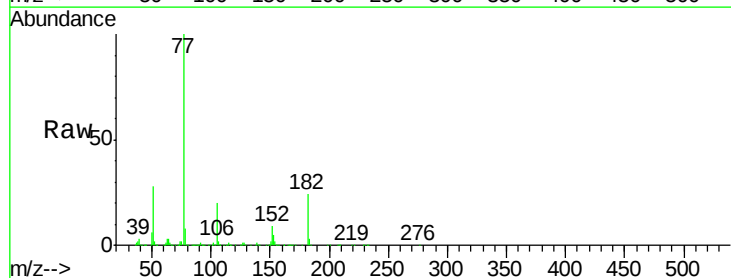
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

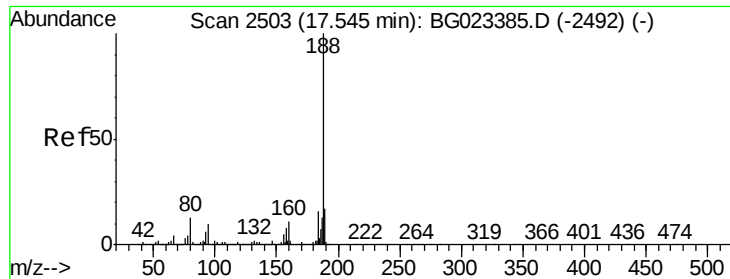
Tgt Ion: 138 Resp: 226947
Ion Ratio Lower Upper
138 100
92 59.5 54.1 94.1
108 107.4 133.9 173.9#



#62
Azobenzene
Concen: 43.88 ng
RT: 16.10 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

Tgt Ion: 77 Resp: 1082516
Ion Ratio Lower Upper
77 100
182 23.8 3.5 43.5
105 20.0 0.0 38.5
51 28.1 17.1 57.1

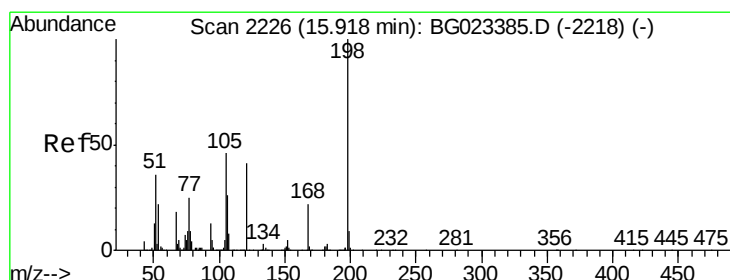
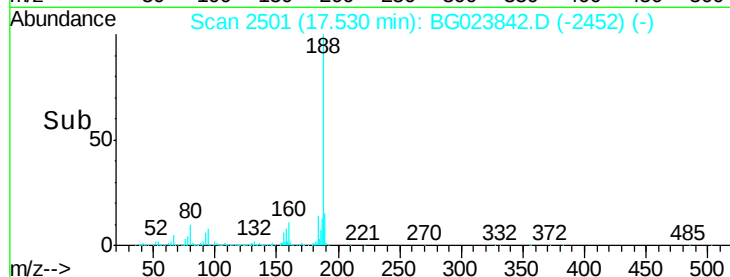
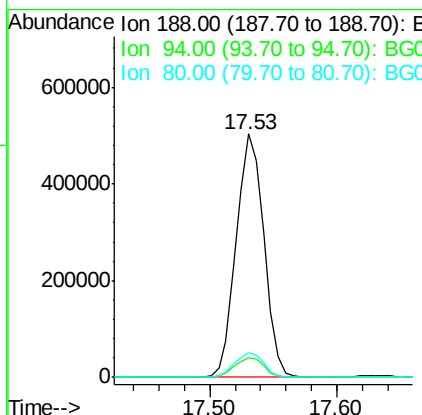
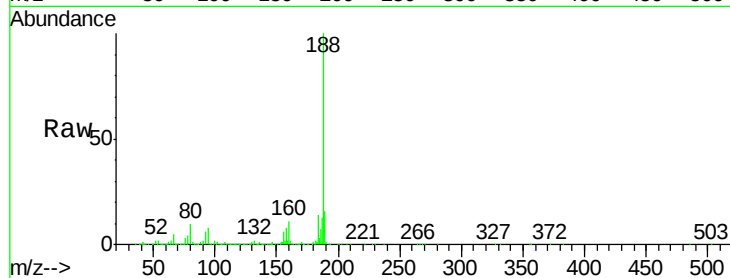




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

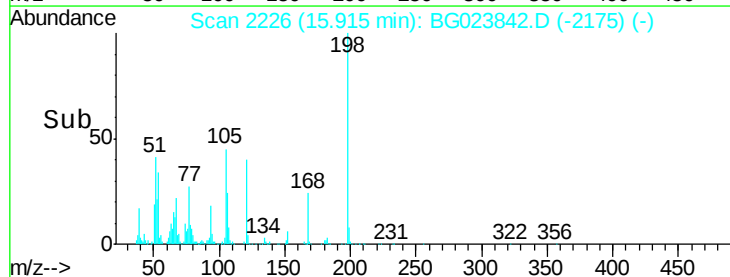
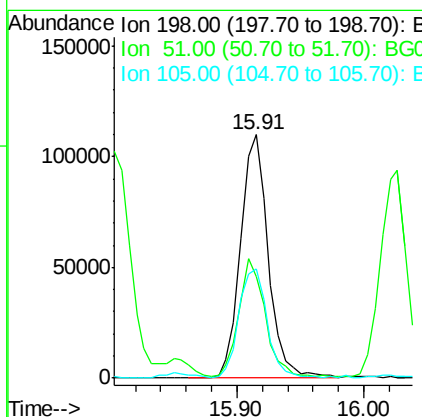
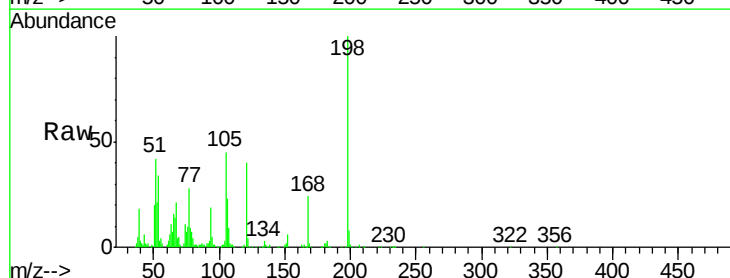
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

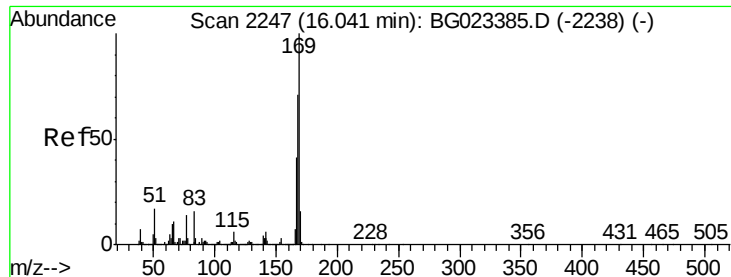
Tgt Ion:188 Resp: 758942
Ion Ratio Lower Upper
188 100
94 8.0 5.2 7.8#
80 10.1 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 32.16 ng
RT: 15.91 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

Tgt Ion:198 Resp: 165949
Ion Ratio Lower Upper
198 100
51 41.6 26.0 66.0
105 45.1 20.1 60.1





#65

n-Nitrosodiphenylamine

Concen: 38.16 ng

RT: 16.03 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

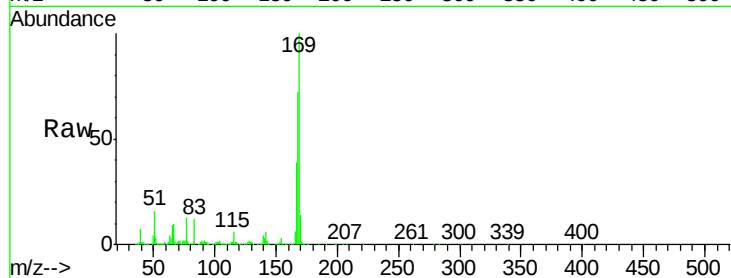
Tgt Ion:169 Resp: 849535

Ion Ratio Lower Upper

169 100

168 72.2 55.0 82.4

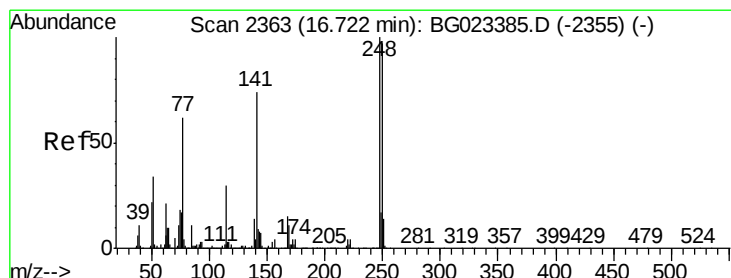
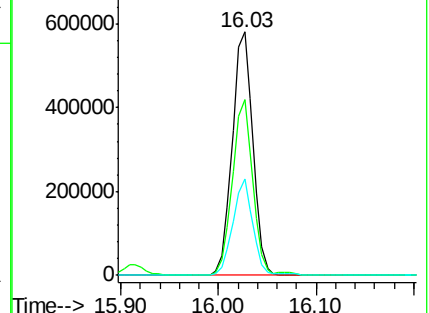
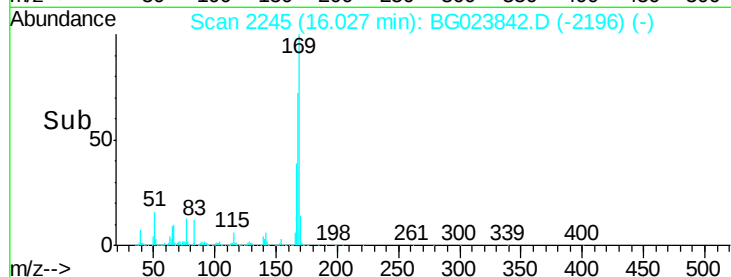
167 39.4 27.4 41.0



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: 37.11 ng

RT: 16.71 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

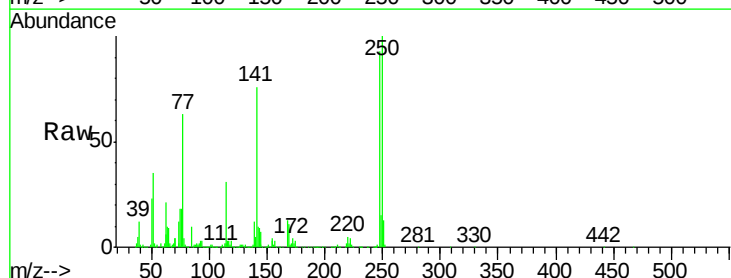
Tgt Ion:248 Resp: 328274

Ion Ratio Lower Upper

248 100

250 107.8 77.8 116.8

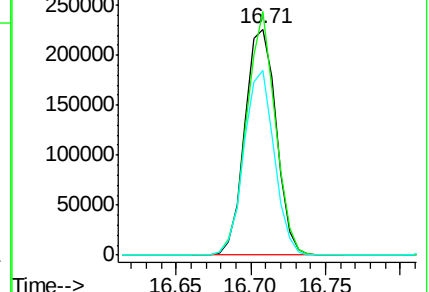
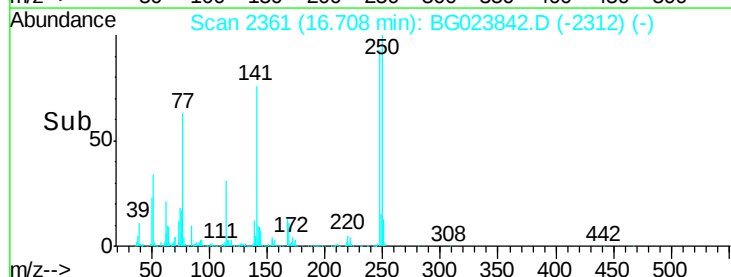
141 82.0 65.7 98.5

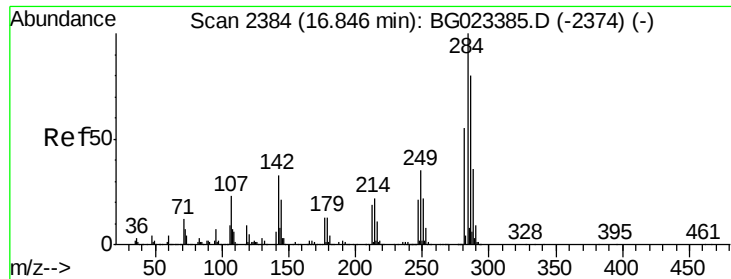


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

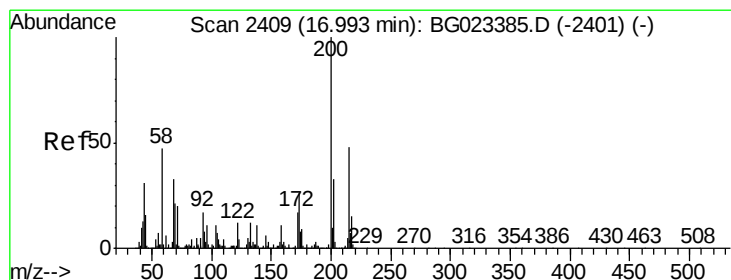
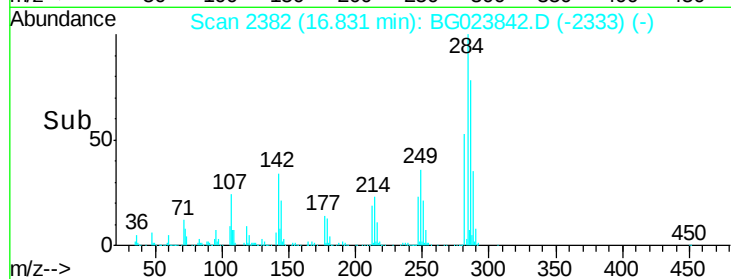
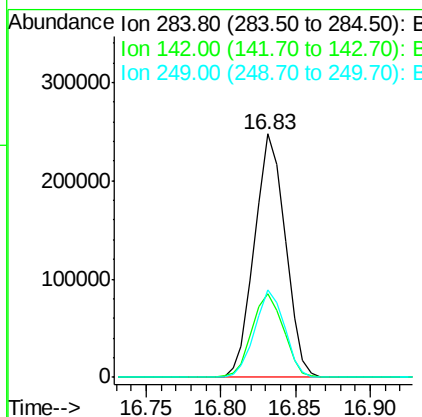
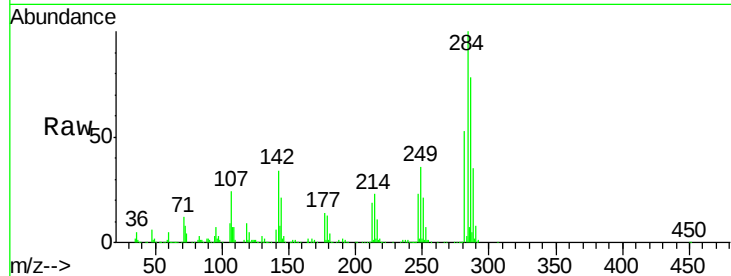




#67
Hexachlorobenzene
Concen: 36.49 ng
RT: 16.83 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

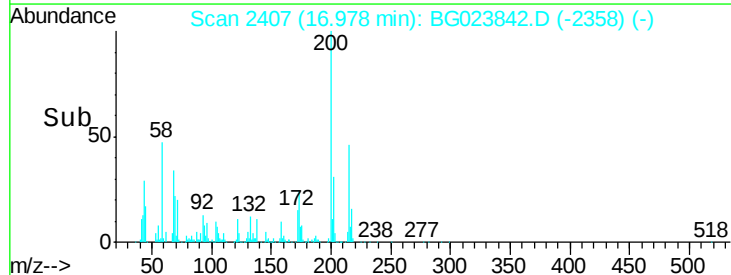
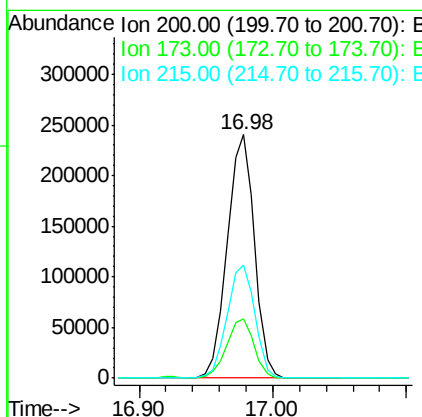
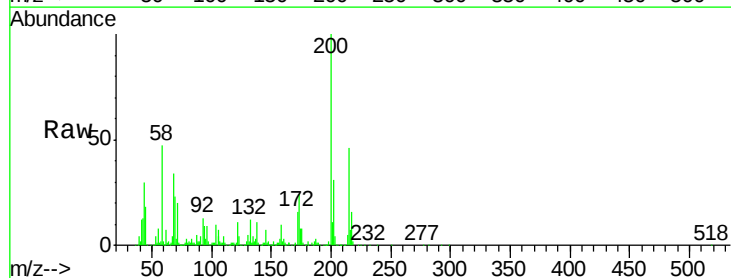
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

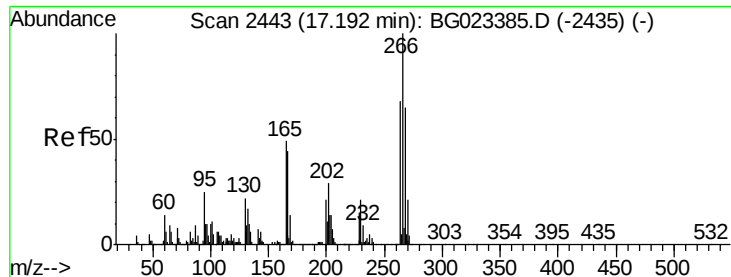
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	26.8	40.2
249	35.8	28.9	43.3



#68
Atrazine
Concen: 40.11 ng
RT: 16.98 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.1	1.6	41.6
215	46.5	28.7	68.7

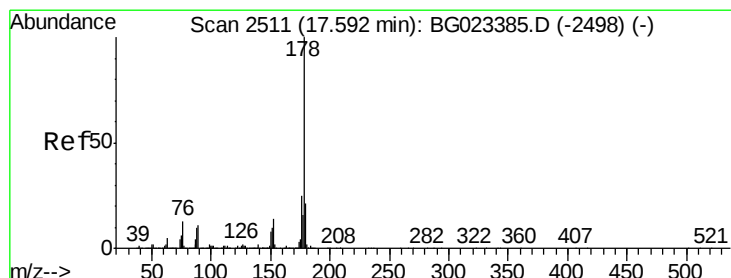
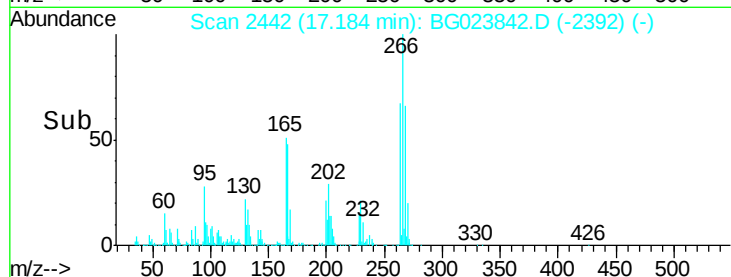
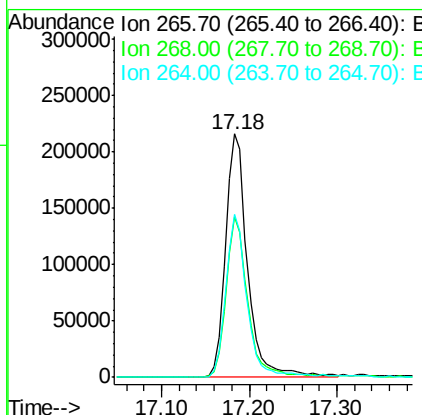
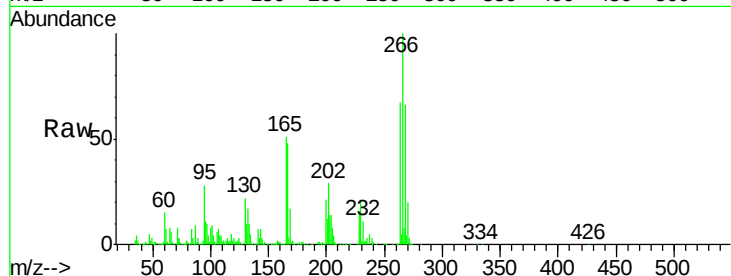




#69
 Pentachlorophenol
 Concen: 65.48 ng
 RT: 17.18 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

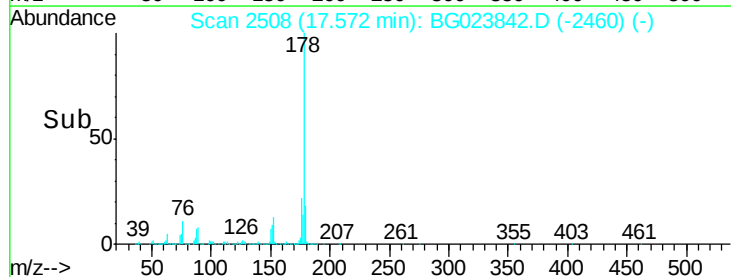
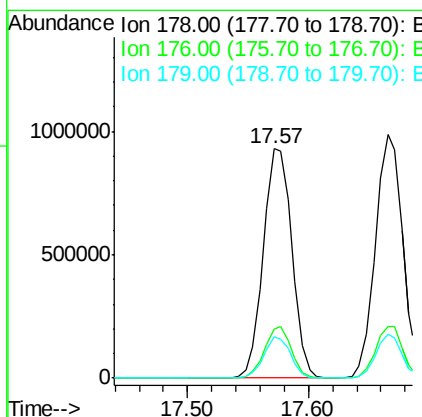
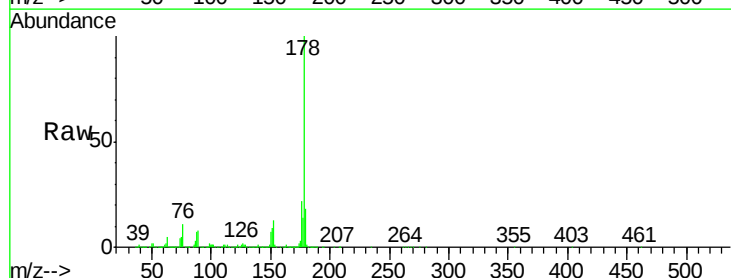
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

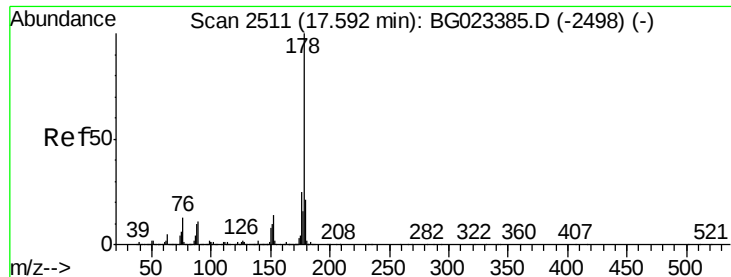
Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.9	77.9
264	66.7	50.6	75.8



#70
 Phenanthrene
 Concen: 39.84 ng
 RT: 17.57 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.8	25.2
179	17.8	14.3	21.5

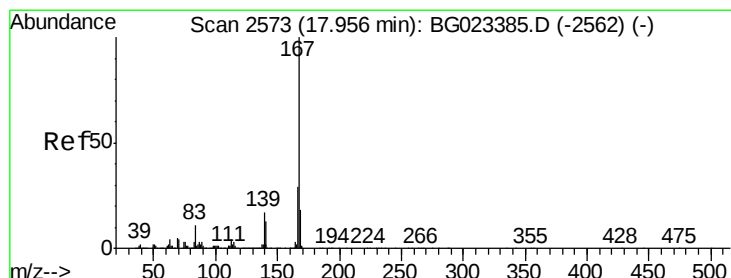
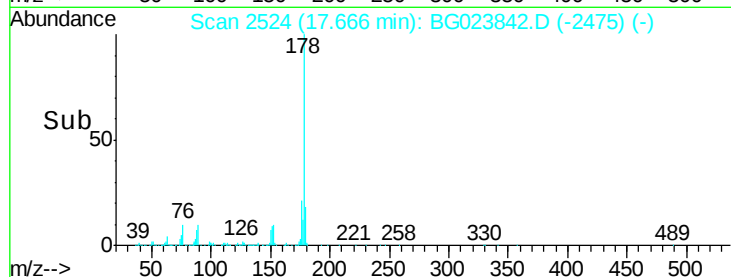
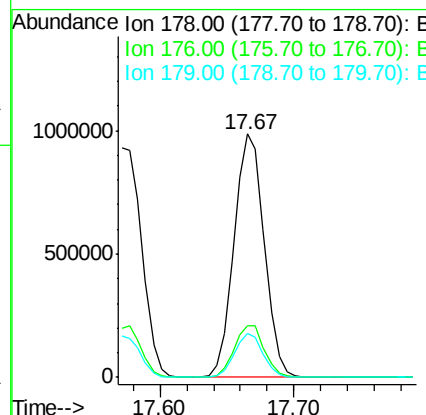
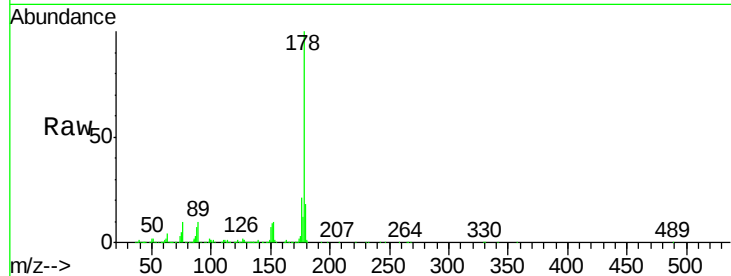




#71
 Anthracene
 Concen: 39.93 ng
 RT: 17.67 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

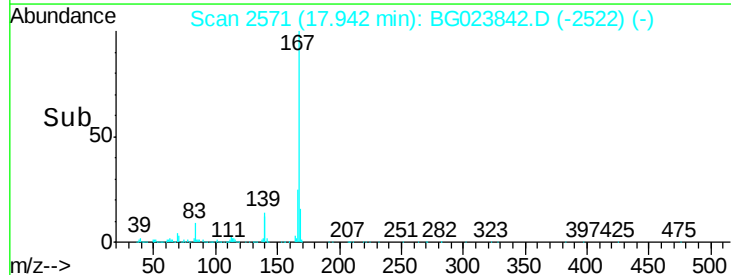
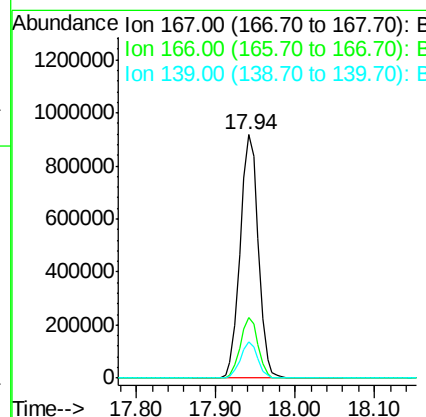
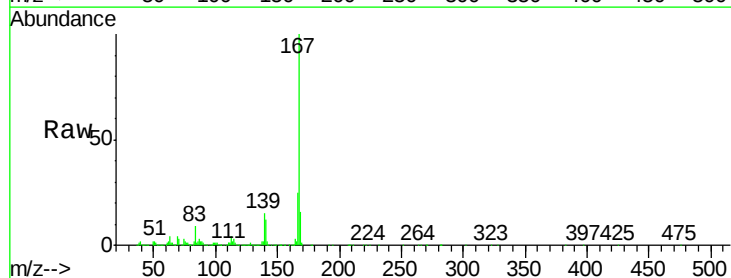
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

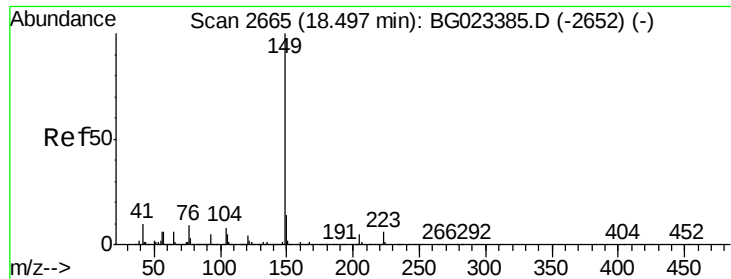
Tgt Ion:178 Resp: 1546554
 Ion Ratio Lower Upper
 178 100
 176 21.1 17.3 25.9
 179 17.8 14.0 21.0



#72
 Carbazole
 Concen: 42.82 ng
 RT: 17.94 min Scan# 2571
 Delta R.T. -0.01 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

Tgt Ion:167 Resp: 1456384
 Ion Ratio Lower Upper
 167 100
 166 25.1 20.7 31.1
 139 15.0 11.9 17.9

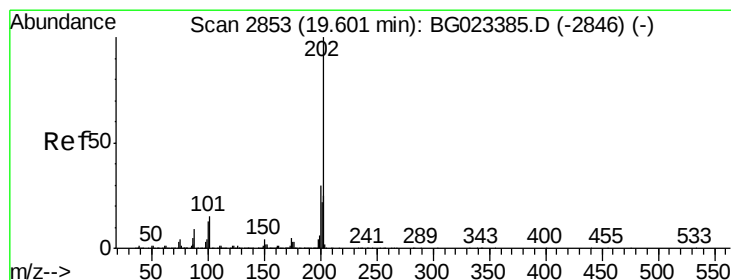
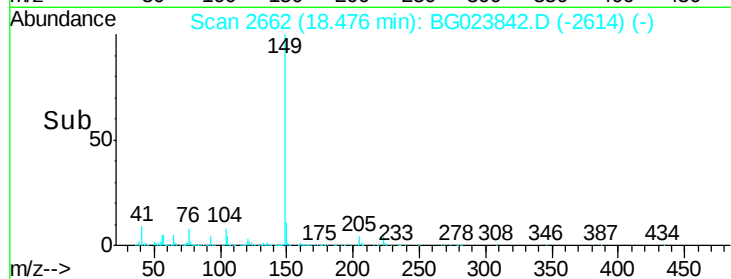
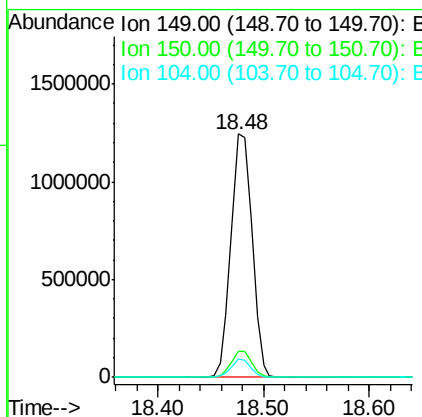
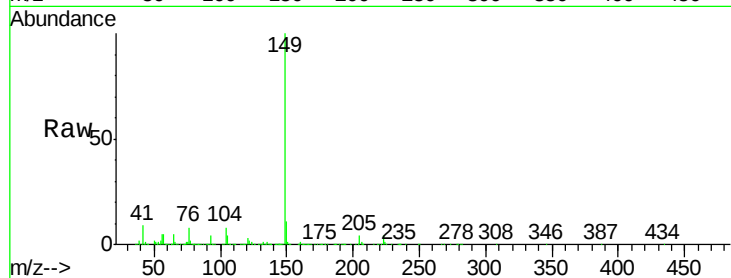




#73
Di-n-butylphthalate
Concen: 50.80 ng
RT: 18.48 min Scan# 2662
Delta R.T. -0.02 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

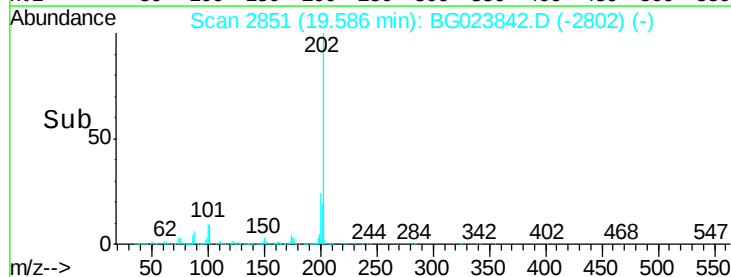
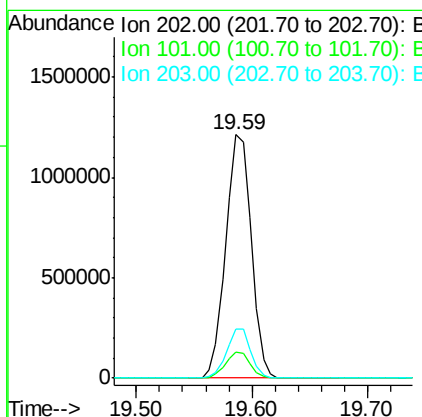
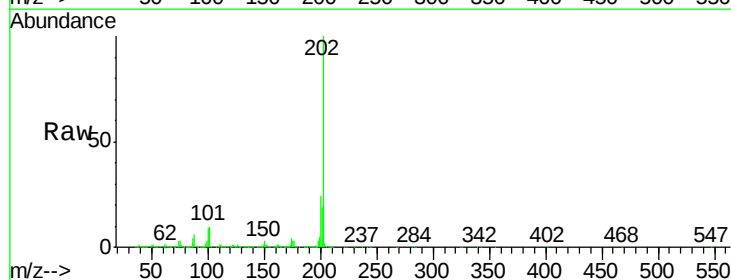
Instrument :
BNA_G
ClientSampleId :
HSR-WC-65-081616MS

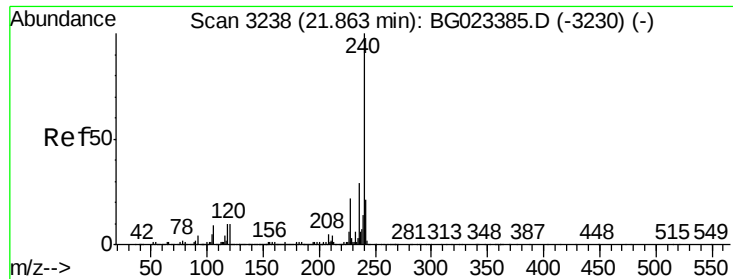
Tgt Ion:149 Resp: 1718023
Ion Ratio Lower Upper
149 100
150 10.9 9.1 13.7
104 7.6 6.9 10.3



#74
Fluoranthene
Concen: 52.64 ng
RT: 19.59 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BG023842.D
Acq: 22 Aug 2016 20:38

Tgt Ion:202 Resp: 1853584
Ion Ratio Lower Upper
202 100
101 10.5 0.0 27.4
203 20.3 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

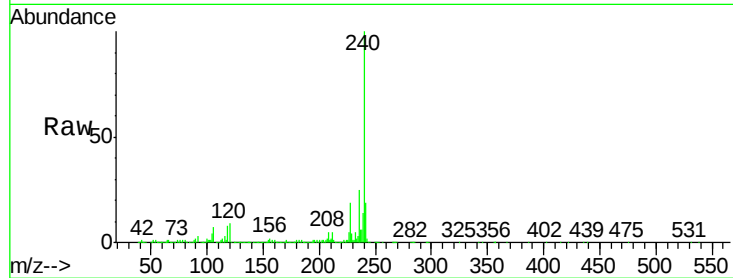
Tgt Ion:240 Resp: 850076

Ion Ratio Lower Upper

240 100

120 8.5 4.1 6.1#

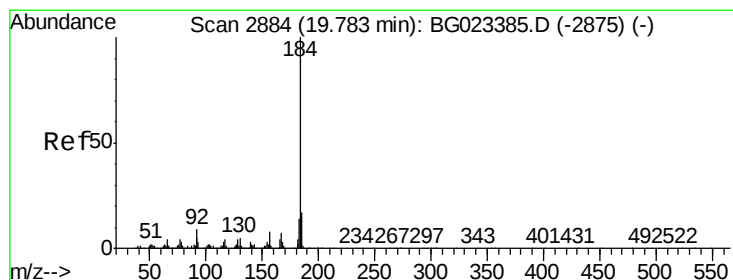
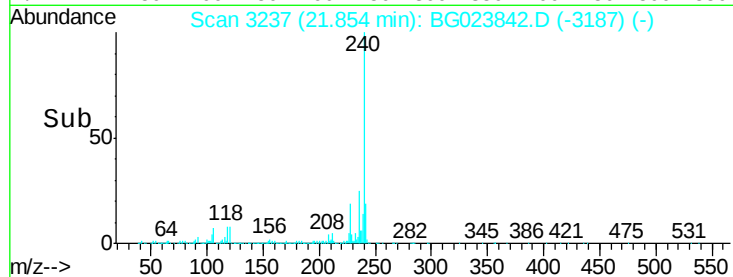
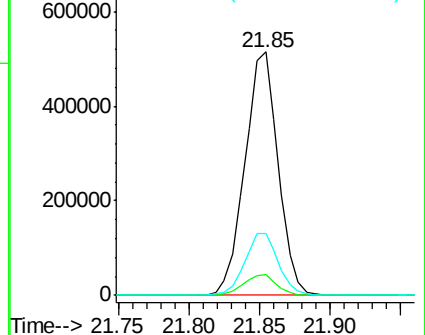
236 25.4 21.1 31.7



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: 20.58 ng

RT: 19.77 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

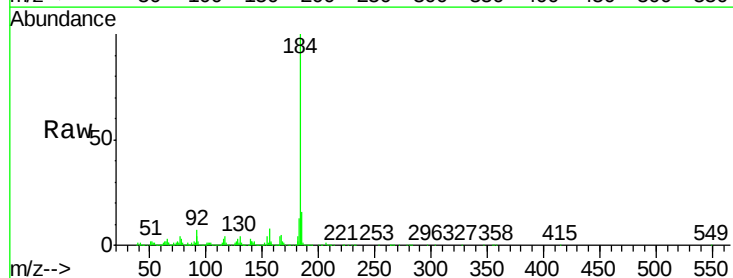
Tgt Ion:184 Resp: 486216

Ion Ratio Lower Upper

184 100

185 15.7 12.6 19.0

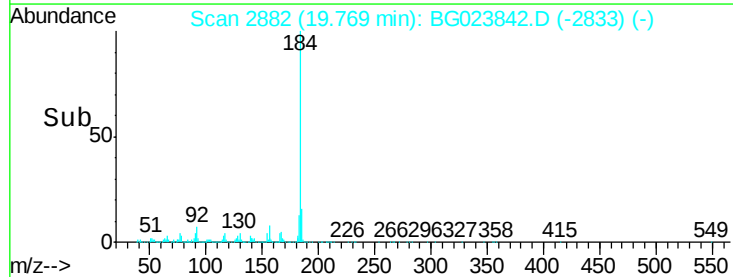
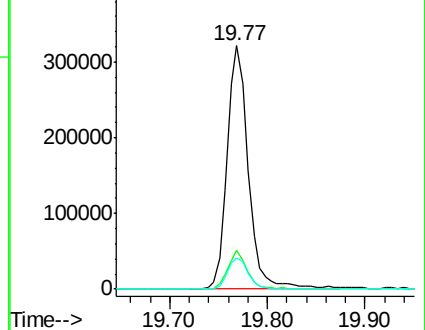
183 12.9 10.7 16.1

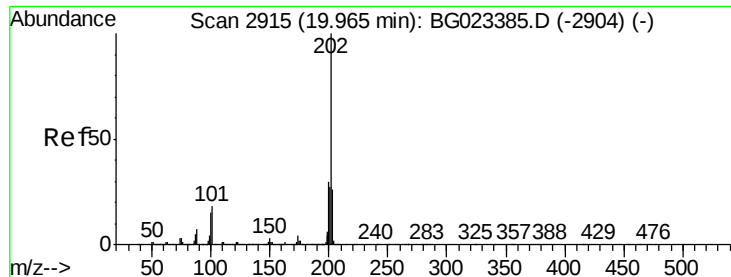


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 36.81 ng

RT: 19.95 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

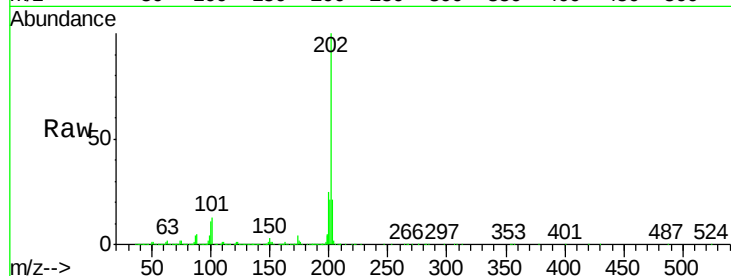
Tgt Ion:202 Resp: 1849330

Ion Ratio Lower Upper

202 100

200 25.3 21.2 31.8

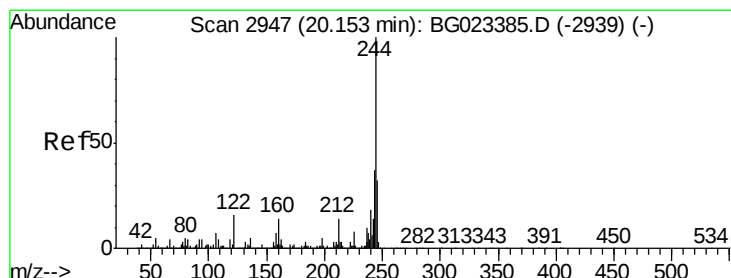
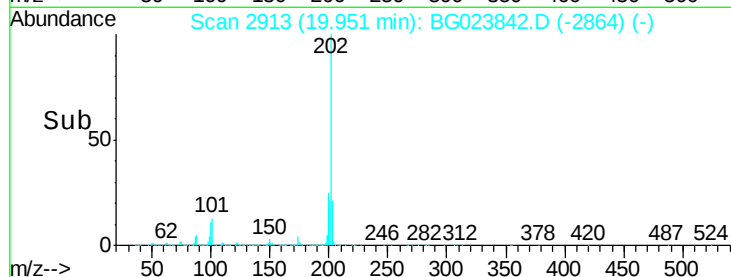
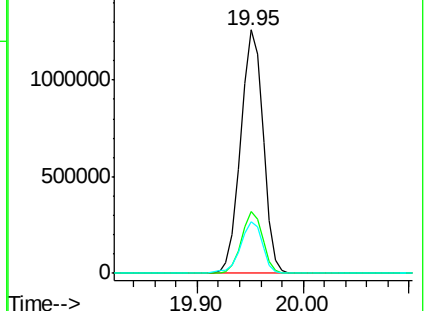
203 21.3 16.8 25.2



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: 84.45 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

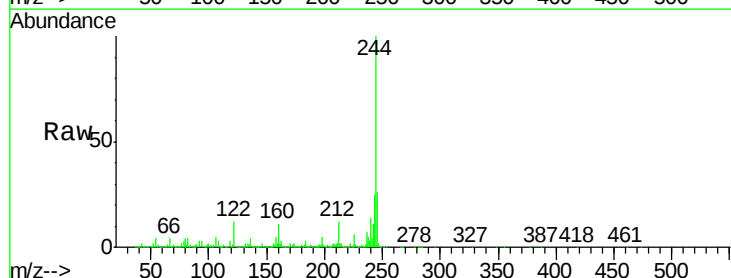
Tgt Ion:244 Resp: 2297392

Ion Ratio Lower Upper

244 100

212 11.6 10.8 16.2

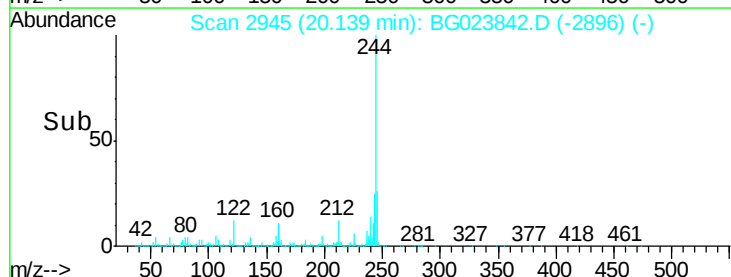
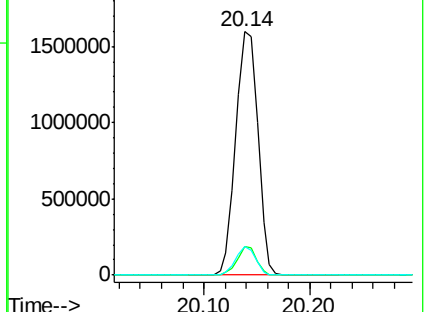
122 11.6 8.0 12.0

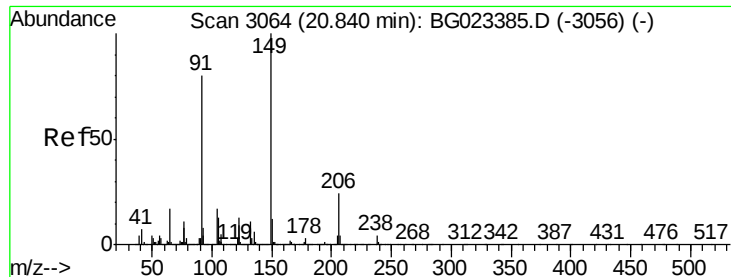


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.31 ng

RT: 20.83 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

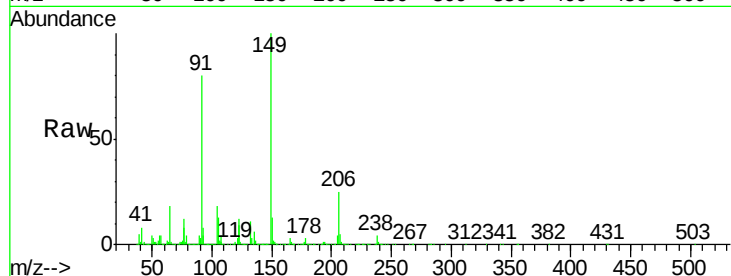
Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

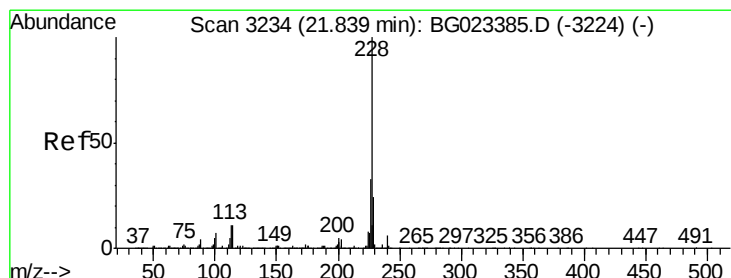
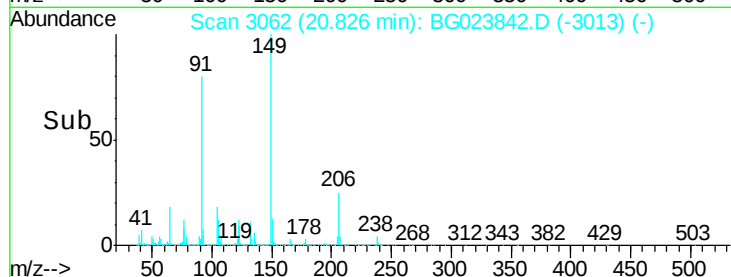
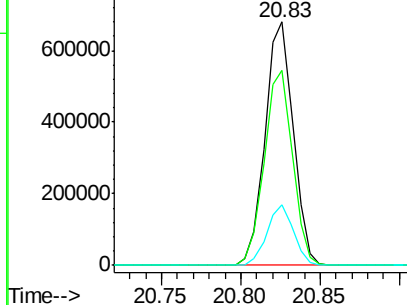
Tgt Ion:	149	Resp:	845566
Ion Ratio	Lower	Upper	
149	100		
91	80.3	68.1	102.1
206	24.9	19.8	29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.64 ng

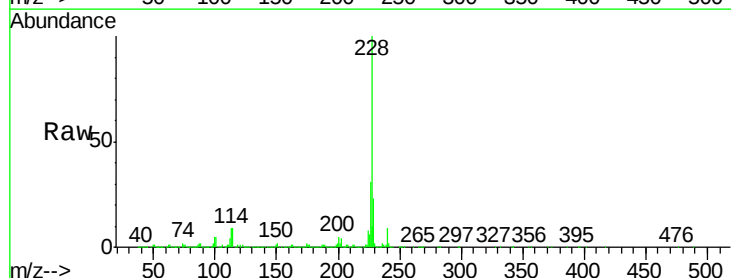
RT: 21.83 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

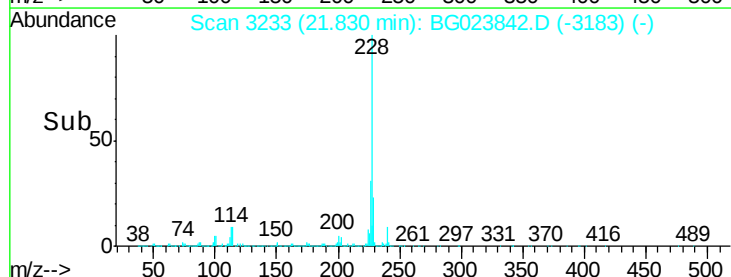
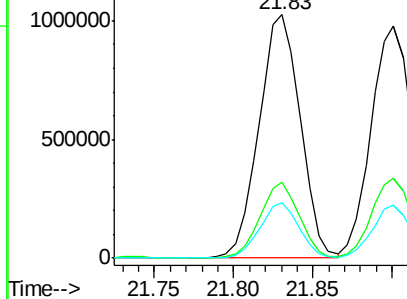
Tgt Ion:	228	Resp:	1859961
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.3	37.9
229	22.8	19.9	29.9

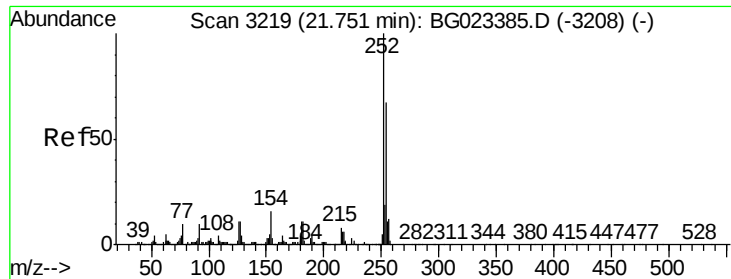


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

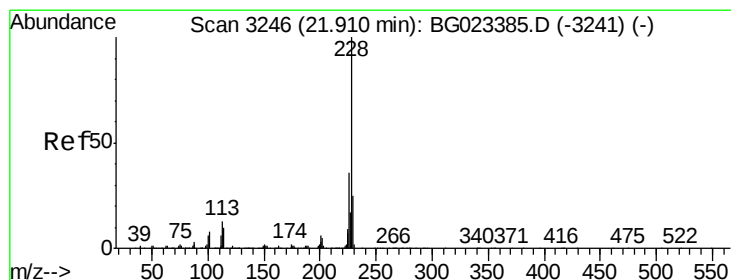
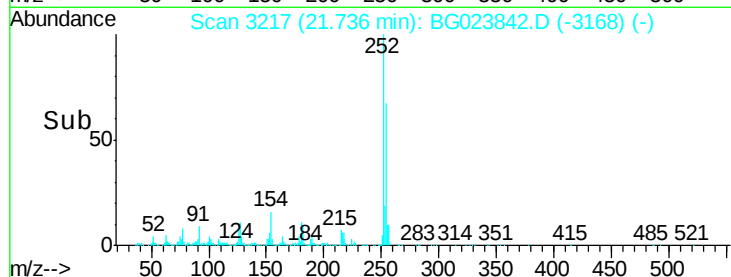
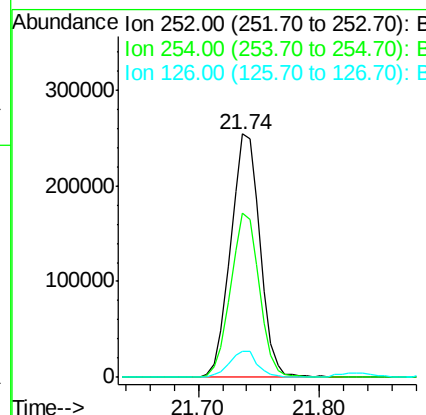
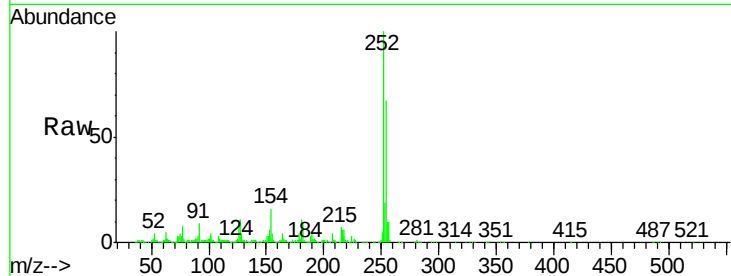




#81
 3,3'-Dichlorobenzidine
 Concen: 22.26 ng
 RT: 21.74 min Scan# 3217
 Delta R.T. -0.01 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

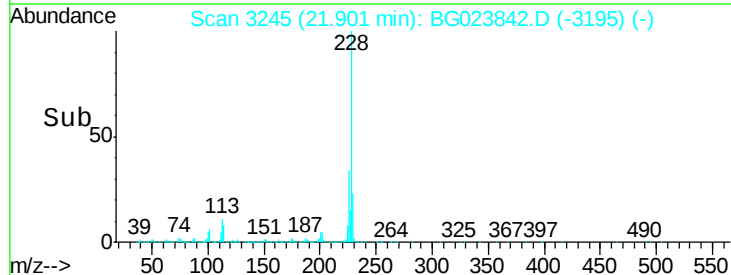
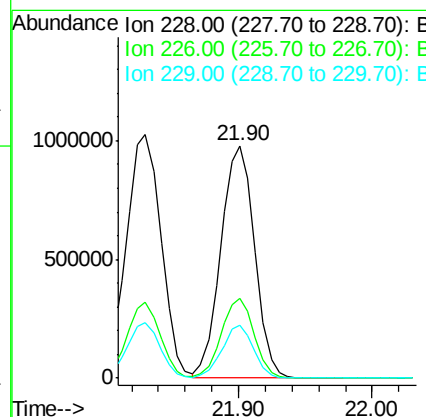
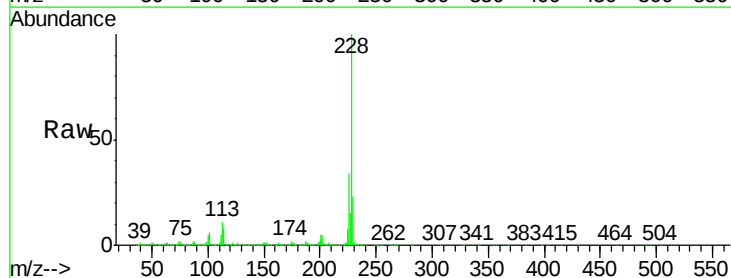
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

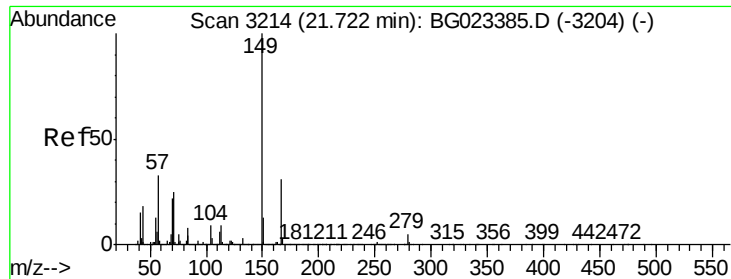
Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.4	51.2	76.8
126	10.5	5.3	7.9



#82
 Chrysene
 Concen: 38.84 ng
 RT: 21.90 min Scan# 3245
 Delta R.T. -0.01 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.3	26.7	40.1
229	22.6	17.4	26.2

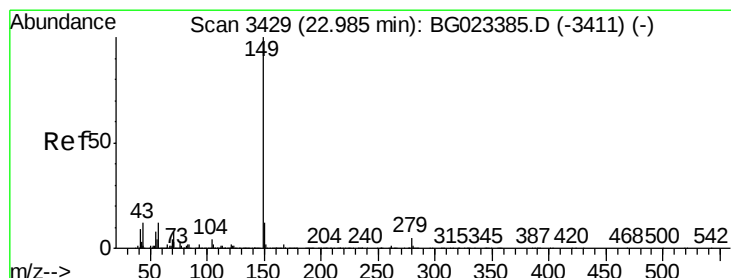
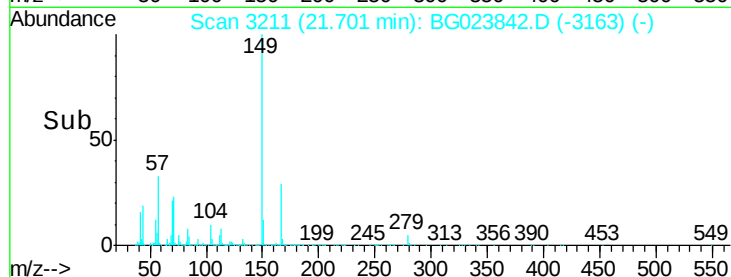
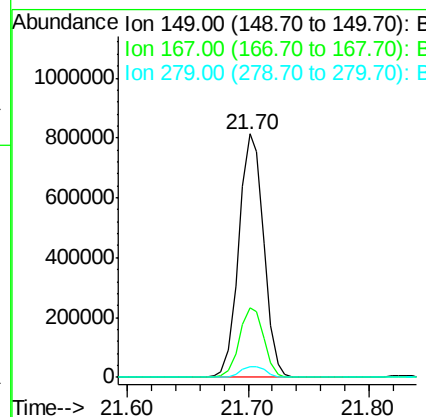
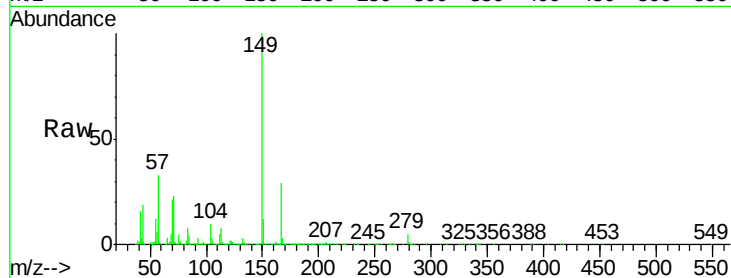




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.57 ng
 RT: 21.70 min Scan# 3211
 Delta R.T. -0.02 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

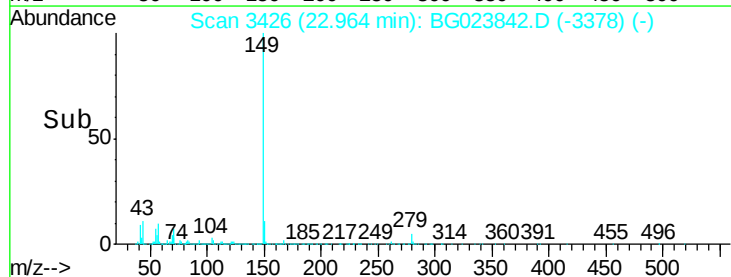
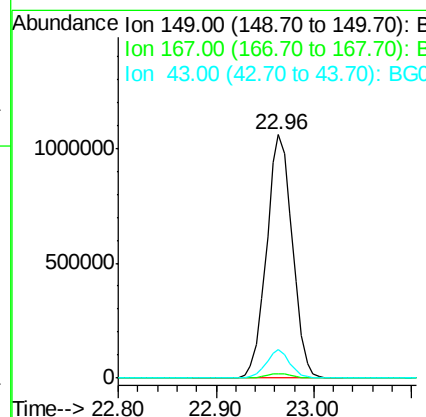
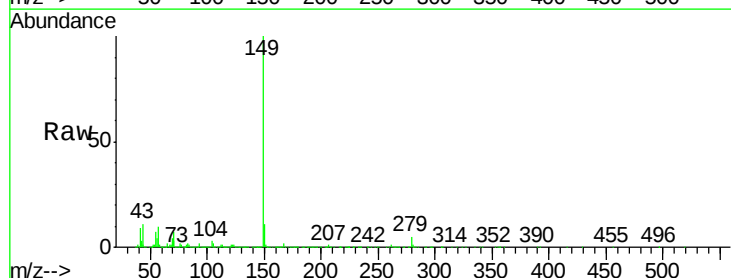
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-65-081616MS

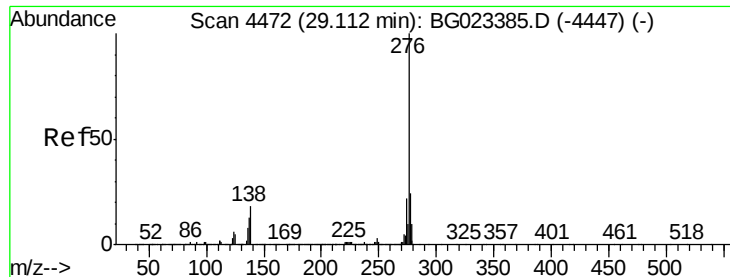
Tgt Ion:149 Resp: 1165158
 Ion Ratio Lower Upper
 149 100
 167 28.8 24.0 36.0
 279 4.6 4.8 7.2#



#84
 Di-n-octyl phthalate
 Concen: 40.94 ng
 RT: 22.96 min Scan# 3426
 Delta R.T. -0.02 min
 Lab File: BG023842.D
 Acq: 22 Aug 2016 20:38

Tgt Ion:149 Resp: 1958544
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.5 2.3
 43 10.6 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.44 ng

RT: 29.13 min Scan# 4476

Delta R.T. 0.02 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

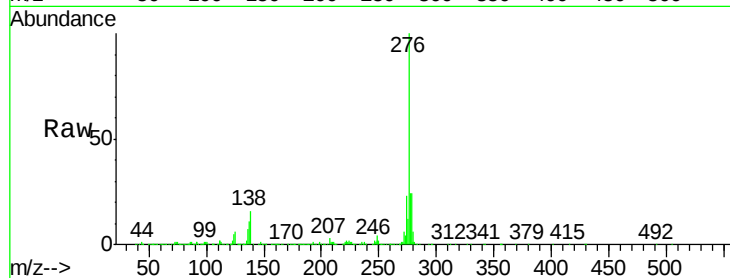
Tgt Ion:276 Resp: 2144545

Ion Ratio Lower Upper

276 100

138 20.5 0.0 0.0#

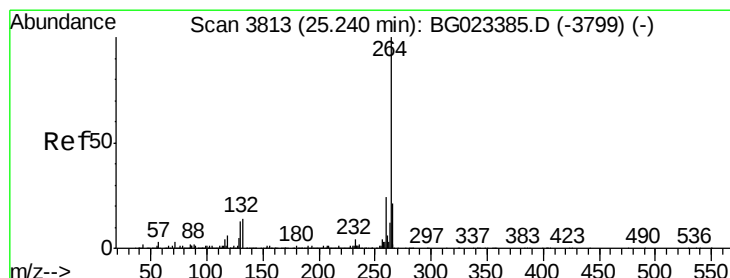
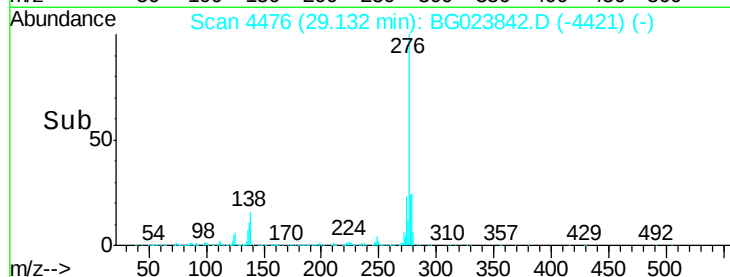
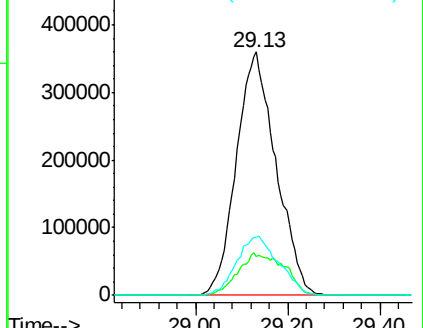
277 25.6 0.0 0.0#



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: 25.24 min Scan# 3813

Delta R.T. -0.00 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

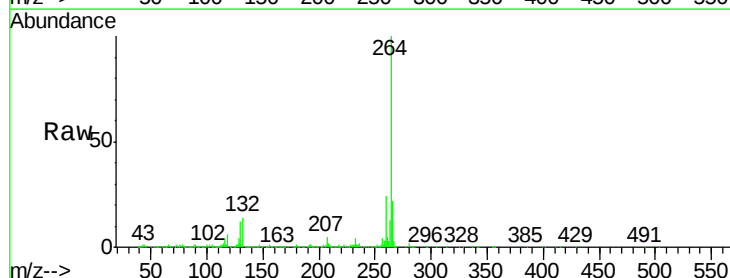
Tgt Ion:264 Resp: 848500

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

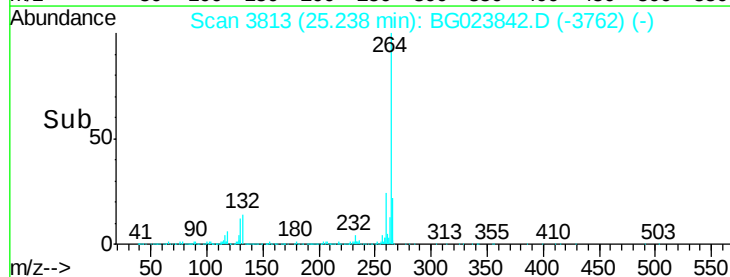
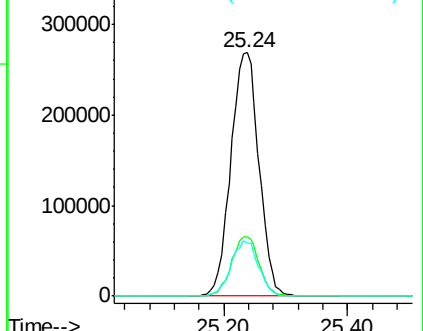
265 21.9 18.9 28.3

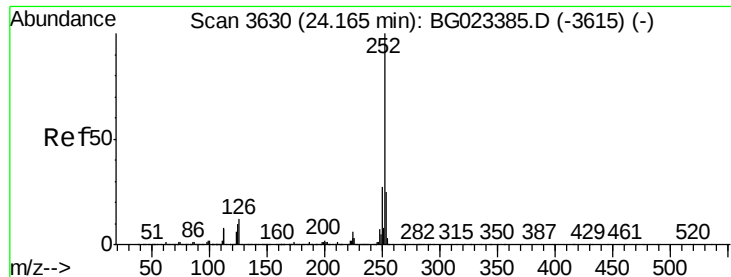


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.18 ng

RT: 24.16 min Scan# 3629

Delta R.T. -0.01 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

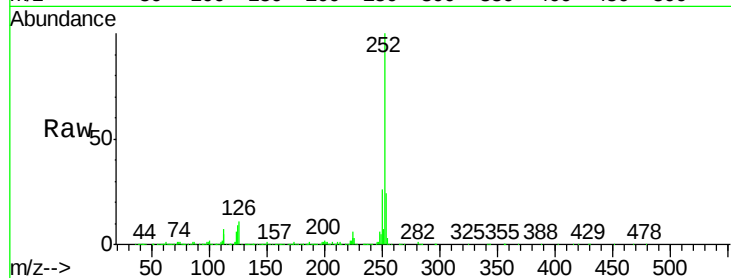
Tgt Ion:252 Resp: 1918293

Ion Ratio Lower Upper

252 100

253 23.9 18.9 28.3

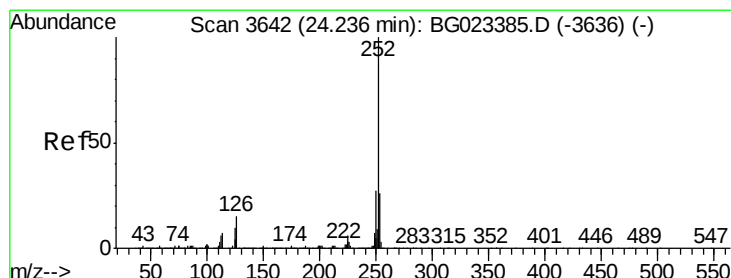
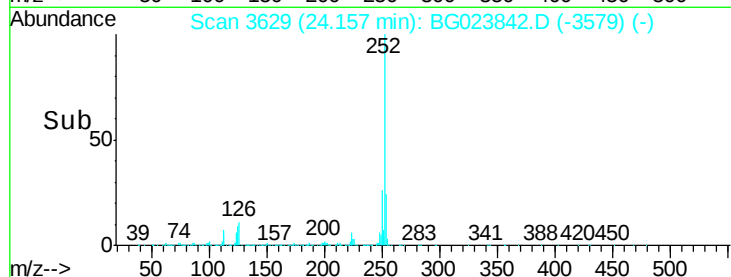
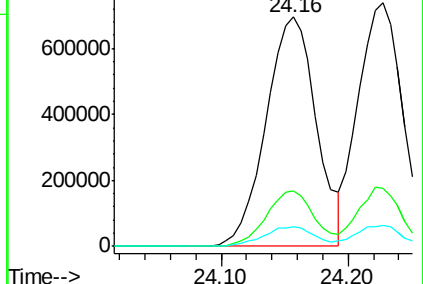
125 8.7 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.08 ng

RT: 24.23 min Scan# 3641

Delta R.T. -0.01 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

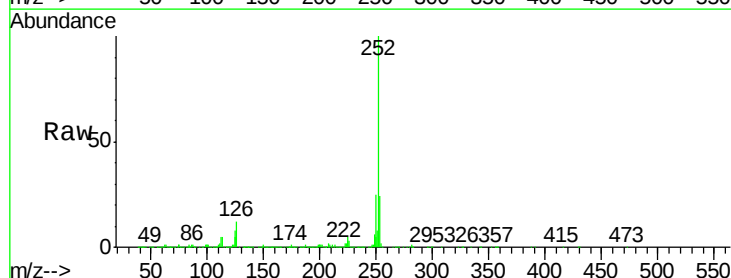
Tgt Ion:252 Resp: 1791927

Ion Ratio Lower Upper

252 100

253 23.6 18.8 28.2

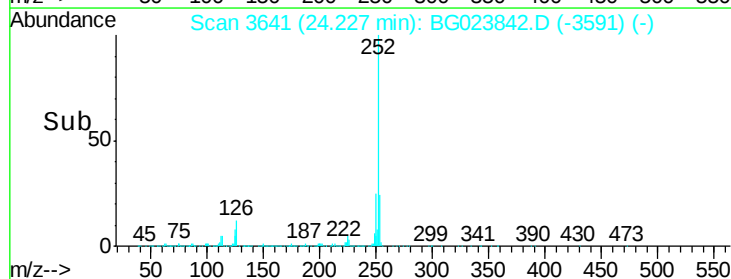
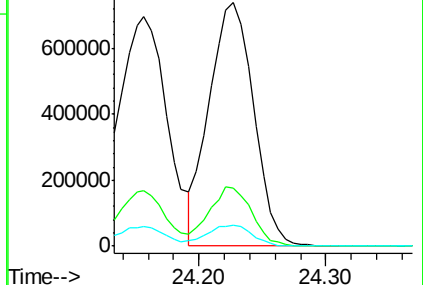
125 8.5 3.2 4.8#

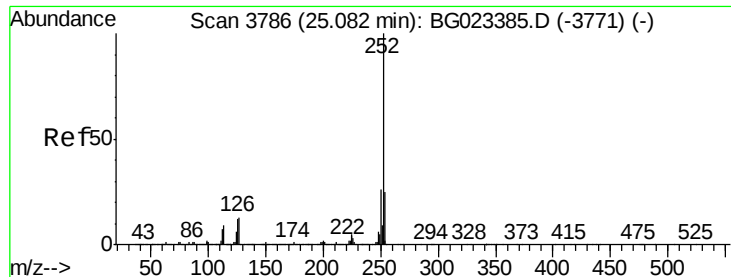


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.53 ng

RT: 25.08 min Scan# 3786

Delta R.T. -0.00 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

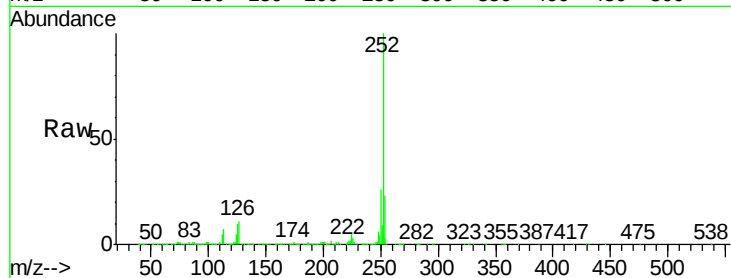
Tgt Ion:252 Resp: 1840164

Ion Ratio Lower Upper

252 100

253 23.0 18.7 28.1

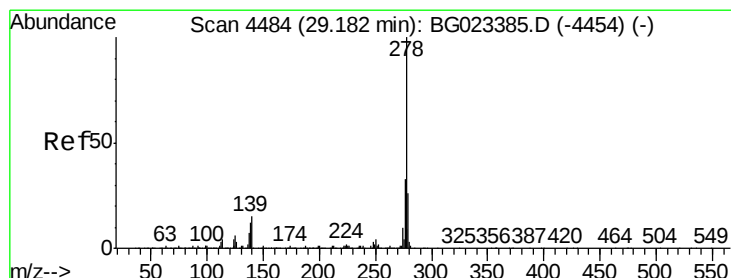
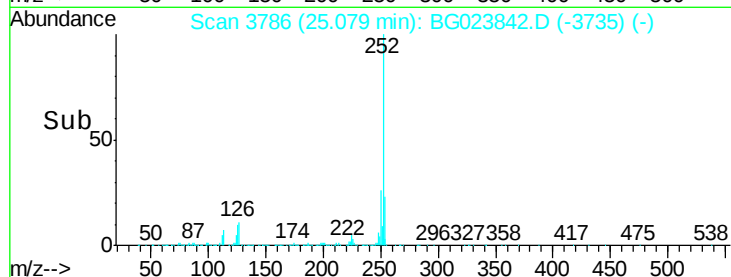
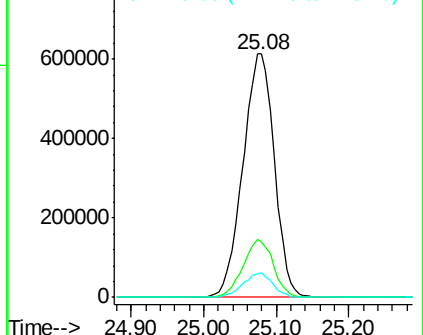
125 10.2 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.70 ng

RT: 29.19 min Scan# 4486

Delta R.T. 0.01 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

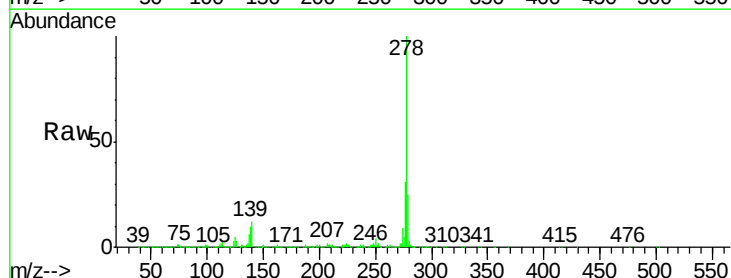
Tgt Ion:278 Resp: 1841235

Ion Ratio Lower Upper

278 100

139 12.2 4.7 7.1#

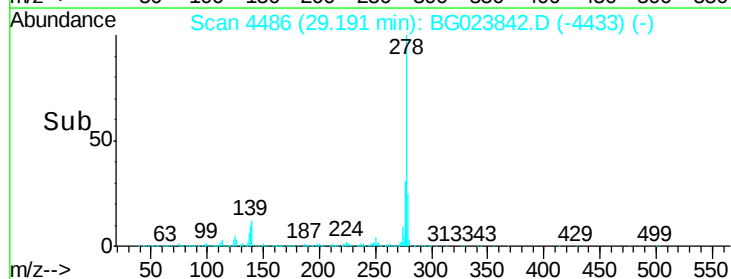
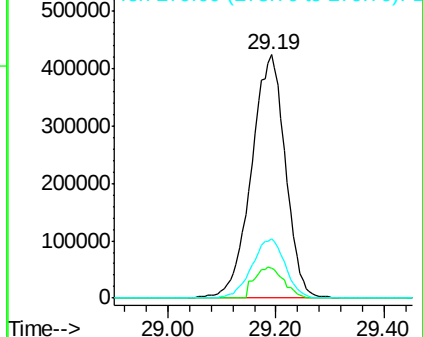
279 24.5 18.3 27.5

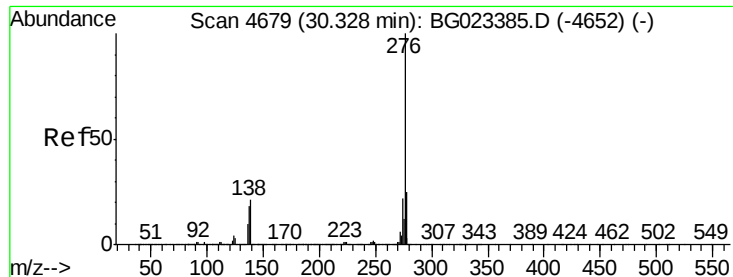


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.90 ng

RT: 30.35 min Scan# 4683

Delta R.T. 0.02 min

Lab File: BG023842.D

Acq: 22 Aug 2016 20:38

Instrument :

BNA_G

ClientSampleId :

HSR-WC-65-081616MS

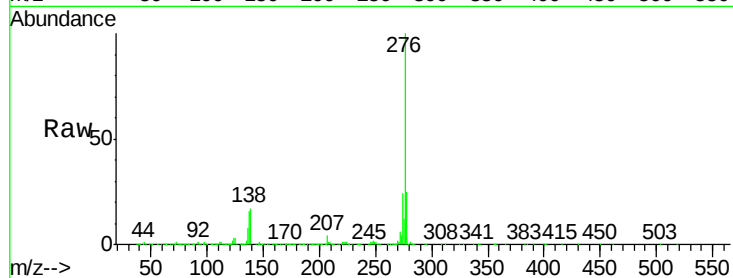
Tgt Ion:276 Resp: 1770027

Ion Ratio Lower Upper

276 100

277 24.7 18.6 27.8

138 17.2 6.8 10.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

