

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
 Data File : BG022887.D
 Acq On : 6 Jul 2016 22:06
 Operator : UM/SJ
 Sample : H3862-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-57-062916MSD

Quant Time: Jul 07 02:32:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\Methods\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	124667	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	561724	20.00	ng	-0.01
38) Acenaphthene-d10	14.80	164	446170	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1058456	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1145768	20.00	ng	0.00
86) Perylene-d12	25.21	264	1165486	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	947930	121.96	ng	0.00
7) Phenol-d6	7.31	99	1434546	130.94	ng	0.00
23) Nitrobenzene-d5	9.33	82	1068178	80.48	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	989716	141.03	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2254292	80.13	ng	-0.01
78) Terphenyl-d14	20.15	244	3271973	75.66	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.99	79	322797	36.63	ng	97
4) n-Nitrosodimethylamine	3.89	42	154548	30.66	ng	# 90
6) Aniline	7.48	93	491518	33.84	ng	97
8) 2-Chlorophenol	7.72	128	359751	44.68	ng	97
9) Benzaldehyde	7.29	77	235086	60.97	ng	94
10) Phenol	7.34	94	518028	44.74	ng	90
11) bis(2-Chloroethyl)ether	7.57	93	380173	39.88	ng	98
12) 1,3-Dichlorobenzene	8.04	146	350700	35.80	ng	92
13) 1,4-Dichlorobenzene	8.19	146	361323	36.79	ng	99
14) 1,2-Dichlorobenzene	8.52	146	345522	36.99	ng	94
15) Benzyl Alcohol	8.40	79	510769	50.39	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	419961	39.84	ng	97
17) 2-Methylphenol	8.60	107	367950	48.21	ng	93
18) Hexachloroethane	9.25	117	140171	34.48	ng	84
19) n-Nitroso-di-n-propylamine	8.96	70	407415	44.65	ng	97
20) 3+4-Methylphenols	8.93	107	518585	49.33	ng	96
22) Acetophenone	8.99	105	666322	41.03	ng	# 92
24) Nitrobenzene	9.37	77	580686	39.59	ng	94
25) Isophorone	9.89	82	1090241	42.32	ng	97
26) 2-Nitrophenol	10.09	139	230238	43.57	ng	87
27) 2,4-Dimethylphenol	10.14	122	417584	41.36	ng	95
28) bis(2-Chloroethoxy)methane	10.37	93	605583	43.05	ng	98
29) 2,4-Dichlorophenol	10.62	162	489824	49.80	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	466404	39.94	ng	96
31) Naphthalene	11.04	128	1286658	45.57	ng	99
32) Benzoic acid	10.28	122	296816	45.30	ng	95
33) 4-Chloroaniline	11.14	127	99158	8.15	ng	94
34) Hexachlorobutadiene	11.31	225	357598	39.40	ng	93
35) Caprolactam	11.92	113	90523	29.22	ng	96
36) 4-Chloro-3-methylphenol	12.26	107	623852	51.67	ng	89
37) 2-Methylnaphthalene	12.63	142	974870	44.52	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	683982	40.61	ng	98
40) Hexachlorocyclopentadiene	12.97	237	824567	61.32	ng	95
42) 2,4,6-Trichlorophenol	13.23	196	508652	47.09	ng	97

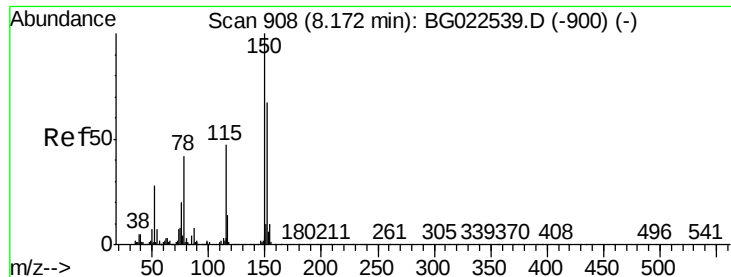
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.31	196	536103	47.43	ng	95
45) 1,1'-Biphenyl	13.63	154	1392949	40.98	ng	96
46) 2-Chloronaphthalene	13.68	162	1165898	41.69	ng	97
47) 2-Nitroaniline	13.88	65	497535	46.09	ng	98
48) Acenaphthylene	14.53	152	1728619	42.62	ng	97
49) Dimethylphthalate	14.24	163	1598991	43.20	ng	96
50) 2,6-Dinitrotoluene	14.37	165	380120	47.26	ng	83
51) Acenaphthene	14.86	154	1164293	38.96	ng	97
52) 3-Nitroaniline	14.70	138	206111	27.39	ng	90
53) 2,4-Dinitrophenol	14.91	184	472450	95.37	ng	91
54) Dibenzofuran	15.20	168	1848327	42.71	ng	99
55) 4-Nitrophenol	15.01	139	521602	81.97	ng	94
56) 2,4-Dinitrotoluene	15.16	165	547868	49.18	ng	# 87
57) Fluorene	15.85	166	1533935	44.41	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	548112	46.78	ng	# 98
59) Diethylphthalate	15.60	149	1629855	42.83	ng	95
60) 4-Chlorophenyl-phenylether	15.83	204	934125	45.43	ng	95
61) 4-Nitroaniline	15.87	138	322525	41.54	ng	# 82
62) Azobenzene	16.12	77	1670586	40.54	ng	92
64) 4,6-Dinitro-2-methylphenol	15.92	198	343733	48.42	ng	92
65) n-Nitrosodiphenylamine	16.05	169	1388063	45.06	ng	96
66) 4-Bromophenyl-phenylether	16.73	248	648005	47.19	ng	96
67) Hexachlorobenzene	16.85	284	692517	47.70	ng	95
68) Atrazine	16.99	200	304352	23.40	ng	97
69) Pentachlorophenol	17.20	266	870587	87.13	ng	99
70) Phenanthrene	17.68	178	2362538	43.77	ng	95
71) Anthracene	17.68	178	2362538	42.53	ng	95
72) Carbazole	17.95	167	1977067	41.98	ng	98
73) Di-n-butylphthalate	18.49	149	2297007	41.89	ng	98
74) Fluoranthene	19.60	202	2622905	42.18	ng	94
76) Benzidine	19.79	184	101418	8.31	ng	94
77) Pyrene	19.95	202	2658226	43.56	ng	96
79) Butylbenzylphthalate	20.83	149	1191992	45.12	ng	93
80) Benzo(a)anthracene	21.83	228	2905379	45.83	ng	96
81) 3,3'-Dichlorobenzidine	21.73	252	395225	15.09	ng	96
82) Chrysene	21.90	228	2740837	46.01	ng	94
83) Bis(2-ethylhexyl)phthalate	21.71	149	1605751	43.17	ng	97
84) Di-n-octyl phthalate	22.97	149	2638490	43.03	ng	98
85) Indeno(1,2,3-cd)pyrene	29.07	276	3529354	45.08	ng	# 100
87) Benzo(b)fluoranthene	24.14	252	3206311	45.75	ng	95
88) Benzo(k)fluoranthene	24.21	252	3010575	45.44	ng	# 96
89) Benzo(a)pyrene	25.06	252	3102576	45.41	ng	# 97
90) Dibenzo(a,h)anthracene	29.14	278	2915787	45.33	ng	# 97
91) Benzo(g,h,i)perylene	30.28	276	2879371	43.98	ng	# 97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.02 min

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HSR-WC-57-062916MSD

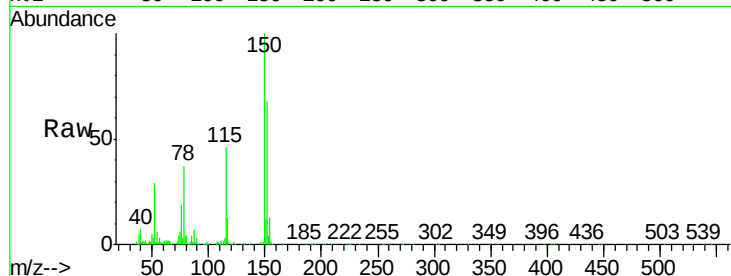
Tgt Ion:152 Resp: 124667

Ion Ratio Lower Upper

152 100

150 146.7 144.7 217.1

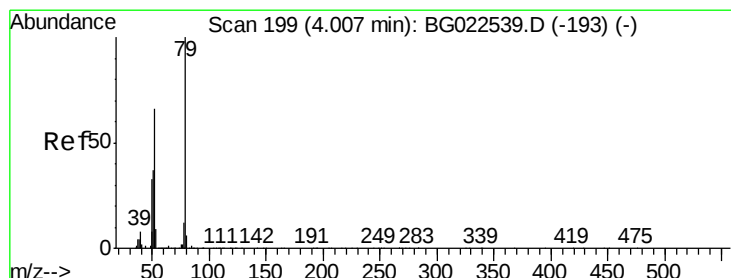
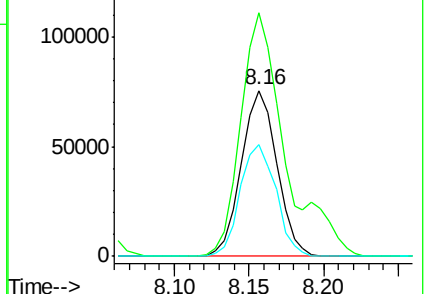
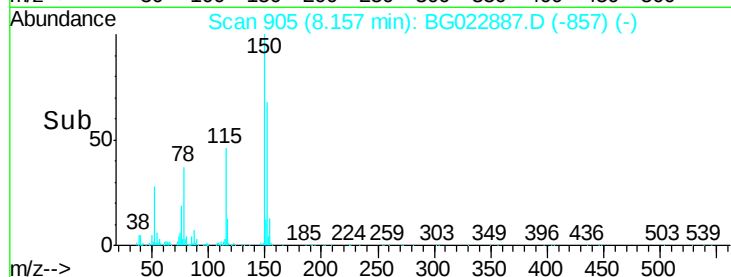
115 67.5 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

Pyridine

Concen: 36.63 ng

RT: 3.99 min Scan# 196

Delta R.T. -0.02 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

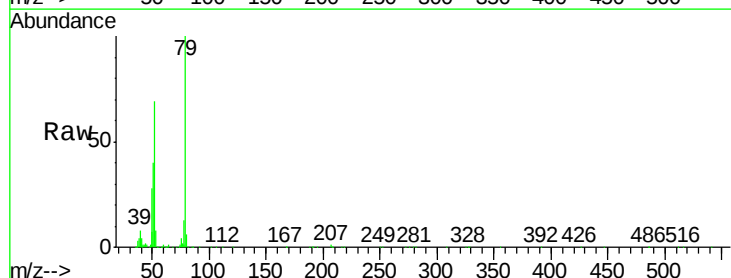
Tgt Ion: 79 Resp: 322797

Ion Ratio Lower Upper

79 100

52 68.9 51.8 77.8

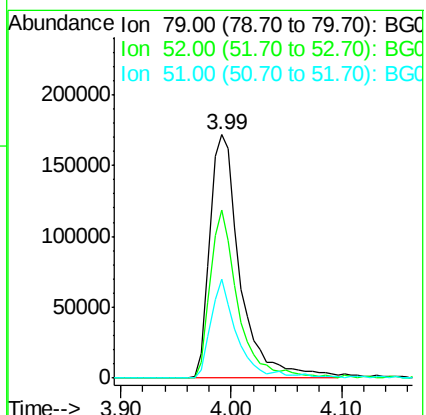
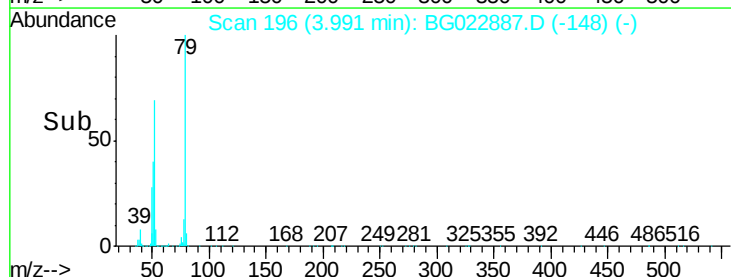
51 40.4 32.7 49.1

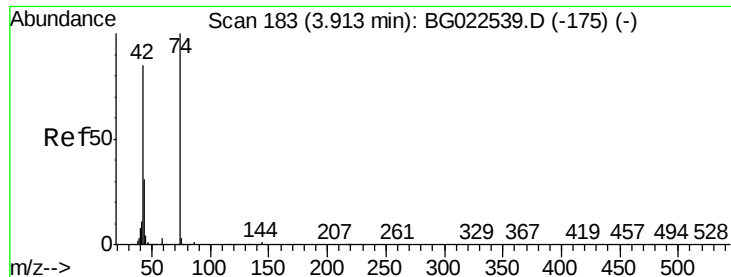


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC





#4

n-Nitrosodimethylamine

Concen: 30.66 ng

RT: 3.89 min Scan# 179

Delta R.T. -0.02 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

Instrument :

BNA_G

ClientSampleId :

HSR-WC-57-062916MSD

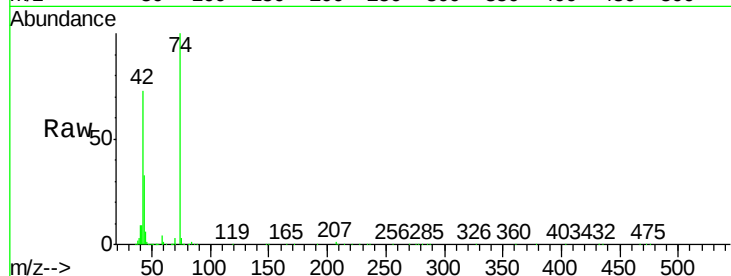
Tgt Ion: 42 Resp: 154548

Ion Ratio Lower Upper

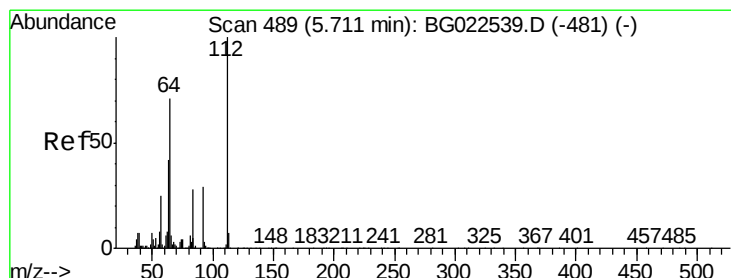
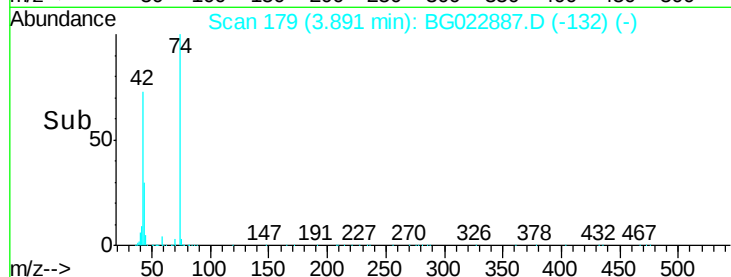
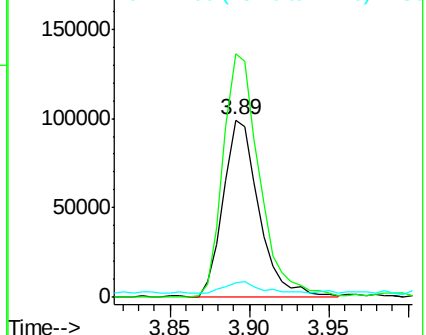
42 100

74 137.3 100.6 150.8

44 8.1 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: 121.96 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

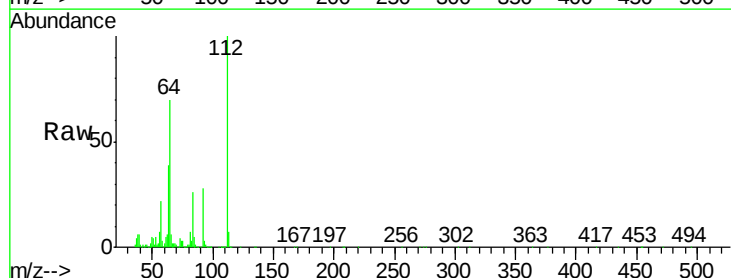
Tgt Ion: 112 Resp: 947930

Ion Ratio Lower Upper

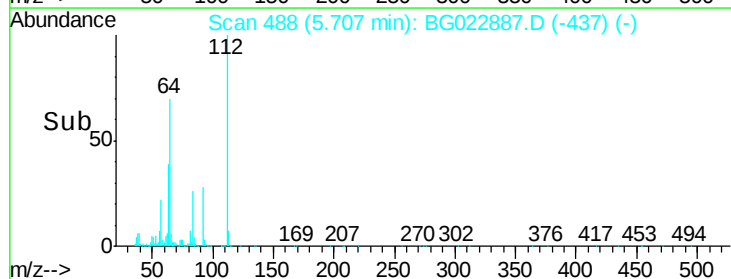
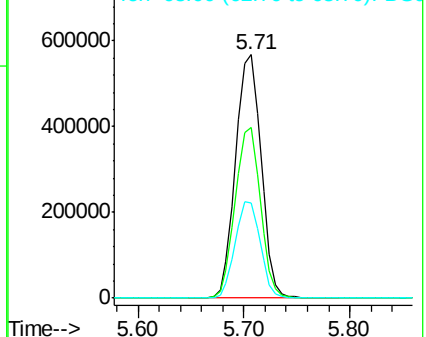
112 100

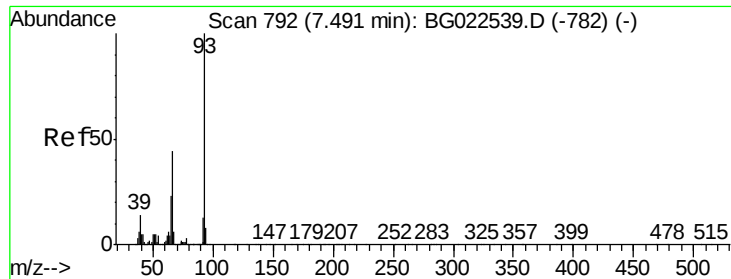
64 70.0 59.0 88.4

63 39.2 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 33.84 ng

RT: 7.48 min Scan# 790

Delta R.T. -0.00 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

Instrument :

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ClientSampleId :

HSR-WC-57-062916MSD

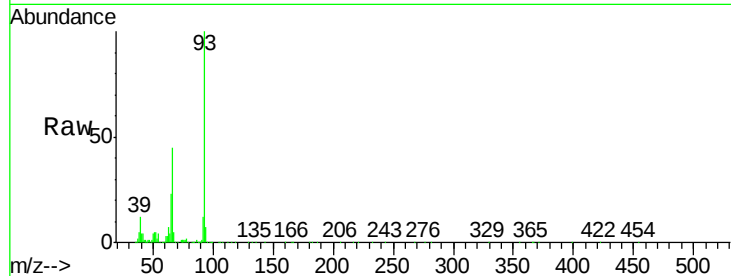
Tgt Ion: 93 Resp: 491518

Ion Ratio Lower Upper

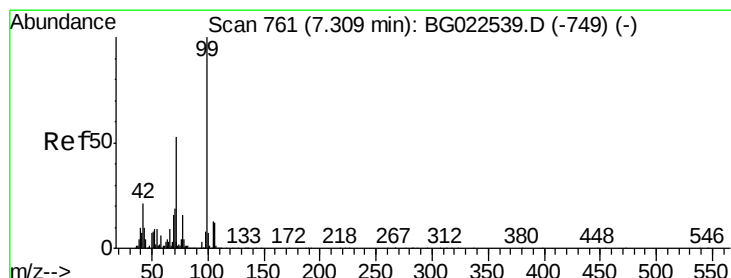
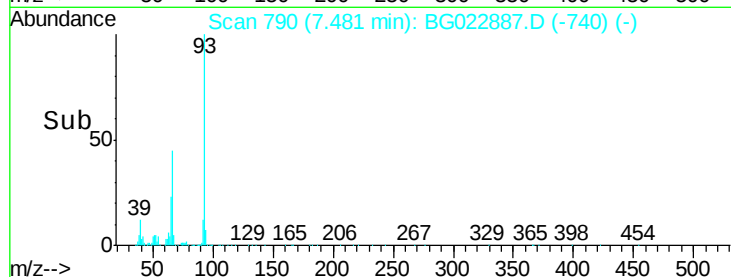
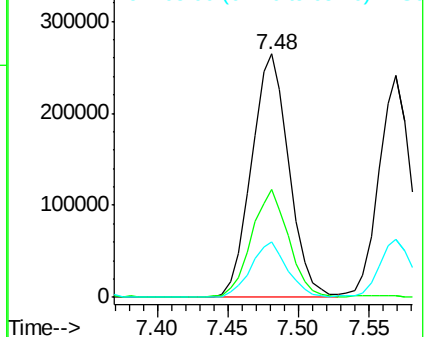
93 100

66 44.6 37.5 56.3

65 22.9 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: 130.94 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

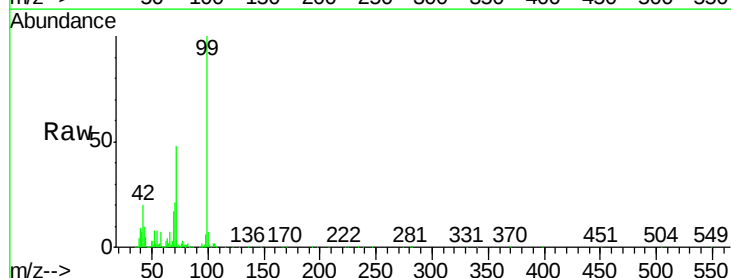
Tgt Ion: 99 Resp: 1434546

Ion Ratio Lower Upper

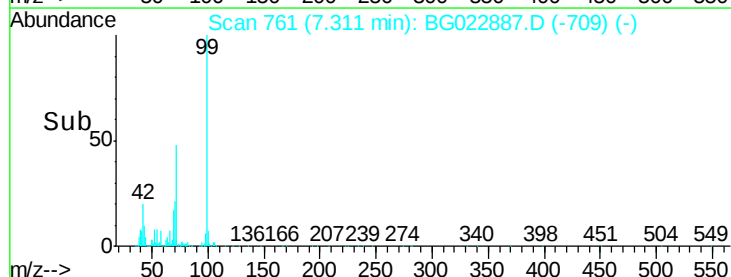
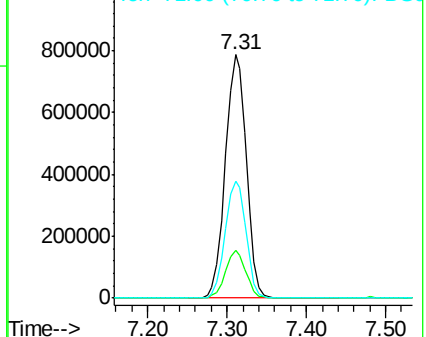
99 100

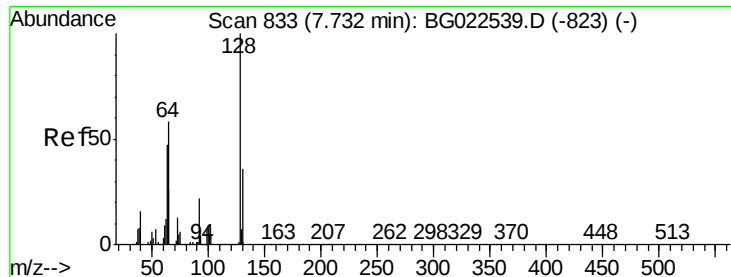
42 19.6 17.8 26.6

71 48.1 41.5 62.3



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





#8

2-Chlorophenol

Concen: 44.68 ng

RT: 7.72 min Scan# 831

Delta R.T. -0.00 min

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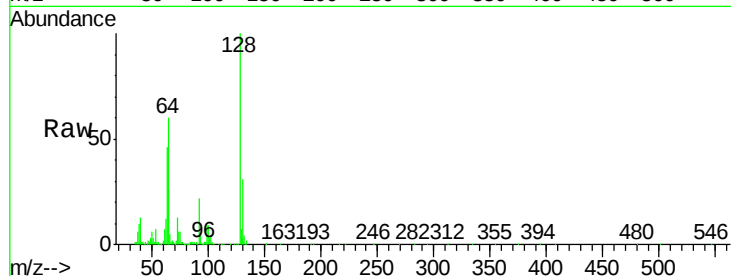
Tgt Ion:128 Resp: 359751

Ion Ratio Lower Upper

128 100

130 31.0 12.9 52.9

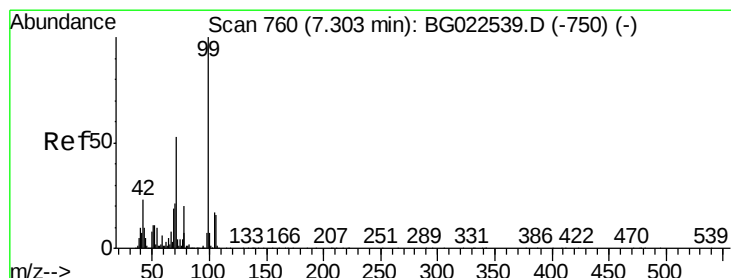
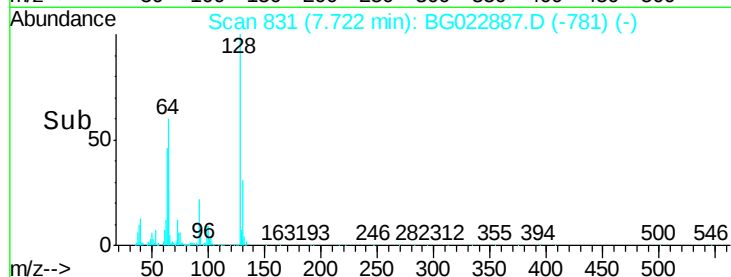
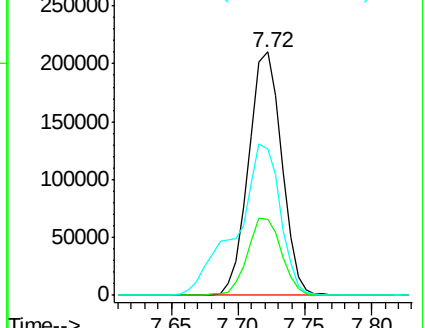
64 60.3 42.0 82.0



Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 60.97 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

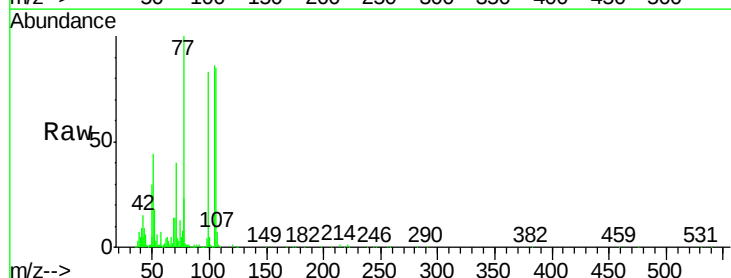
Tgt Ion: 77 Resp: 235086

Ion Ratio Lower Upper

77 100

105 86.1 58.7 98.7

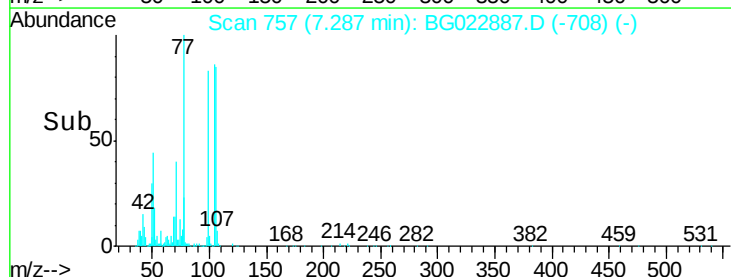
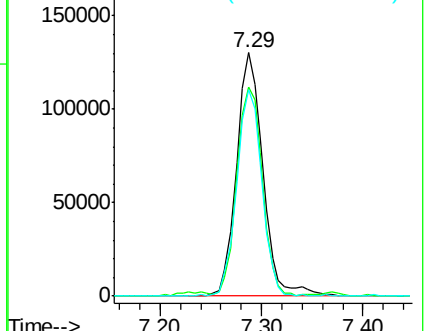
106 84.7 67.5 107.5

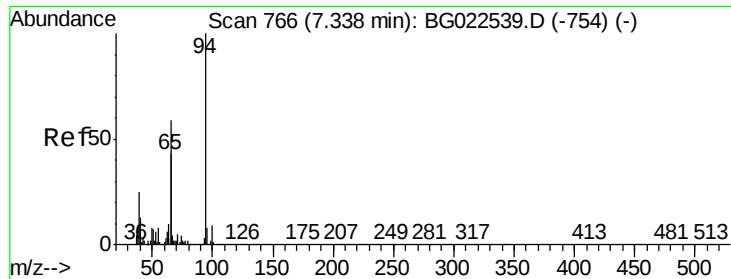


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 44.74 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

Instrument :

BNA_G

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HSR-WC-57-062916MSD

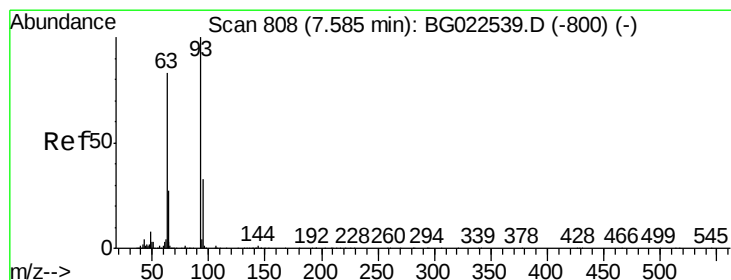
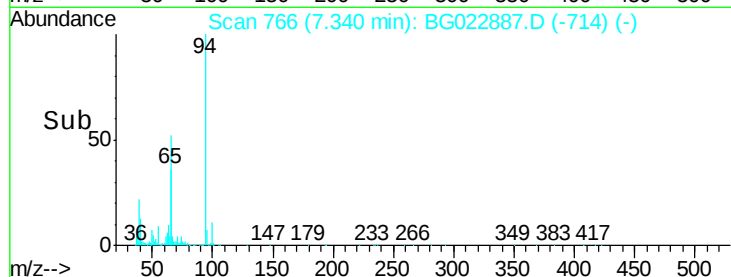
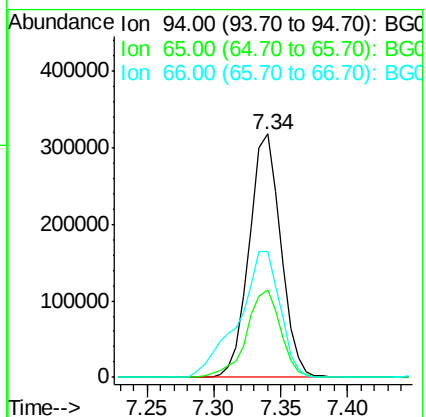
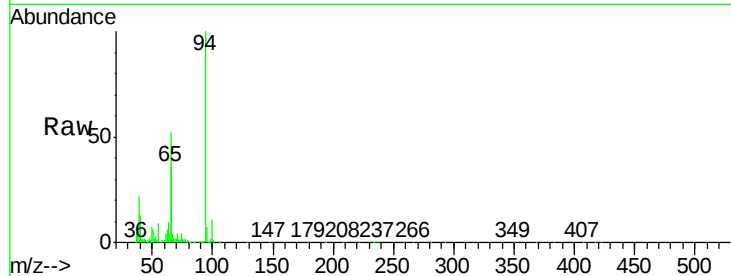
Tgt Ion: 94 Resp: 518028

Ion Ratio Lower Upper

94 100

65 36.1 18.1 58.1

66 51.7 42.1 82.1



#11

bis(2-Chloroethyl)ether

Concen: 39.88 ng

RT: 7.57 min Scan# 805

Delta R.T. -0.01 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

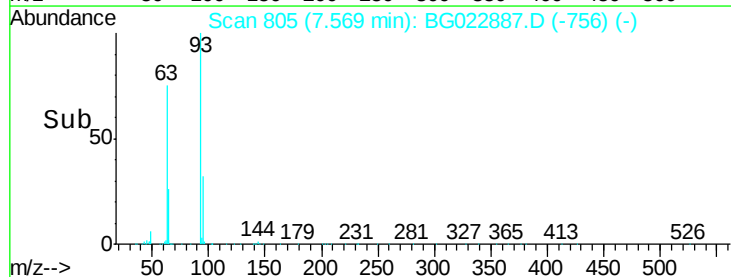
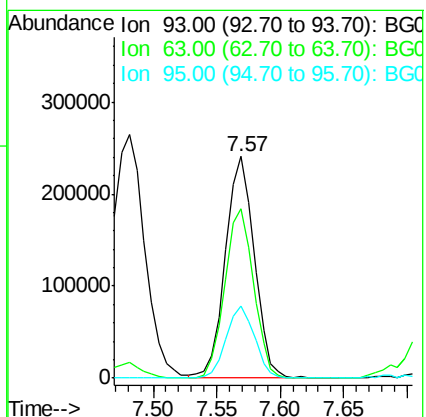
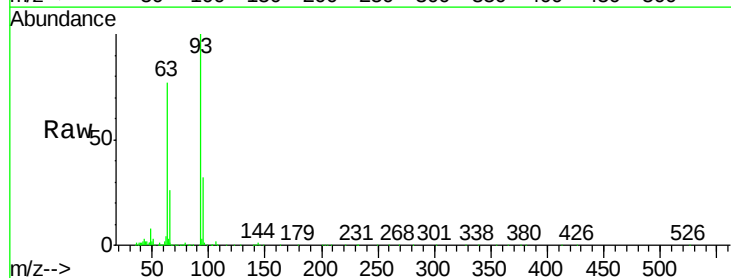
Tgt Ion: 93 Resp: 380173

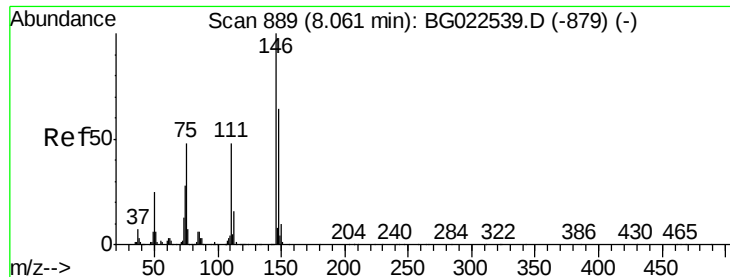
Ion Ratio Lower Upper

93 100

63 76.6 55.0 95.0

95 32.3 11.0 51.0





#12

1,3-Dichlorobenzene

Concen: 35.80 ng

RT: 8.04 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

Instrument :

BNA_G

ClientSampleId :

HSR-WC-57-062916MSD

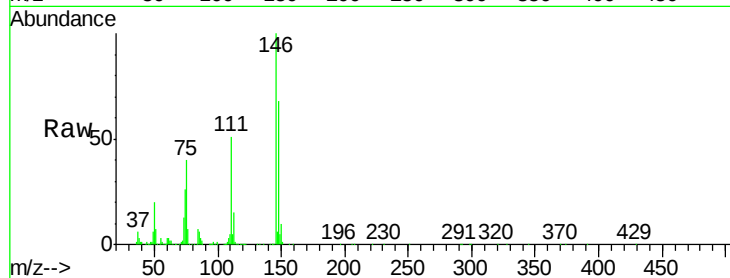
Tgt Ion:146 Resp: 350700

Ion Ratio Lower Upper

146 100

148 67.7 50.3 75.5

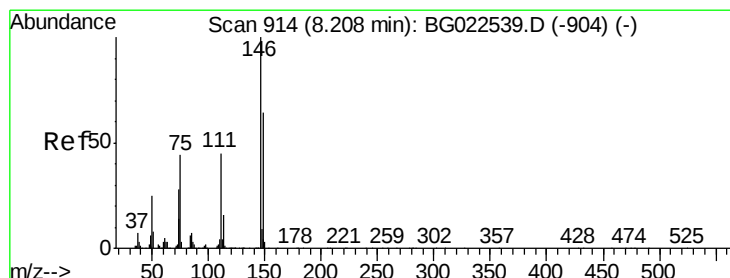
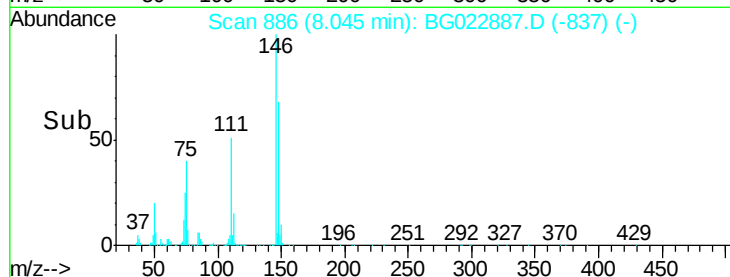
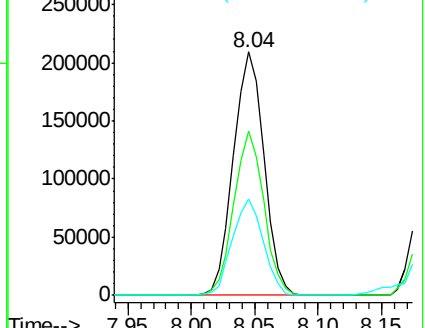
75 39.8 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 36.79 ng

RT: 8.19 min Scan# 911

Delta R.T. -0.02 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

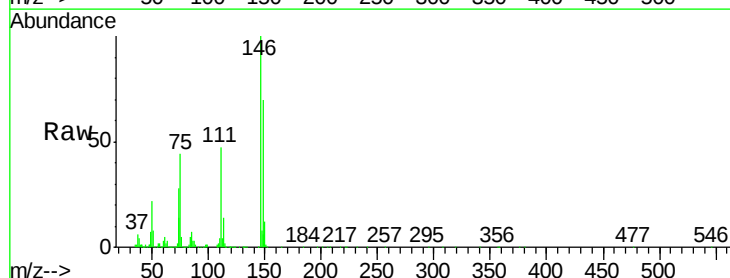
Tgt Ion:146 Resp: 361323

Ion Ratio Lower Upper

146 100

148 69.5 54.5 81.7

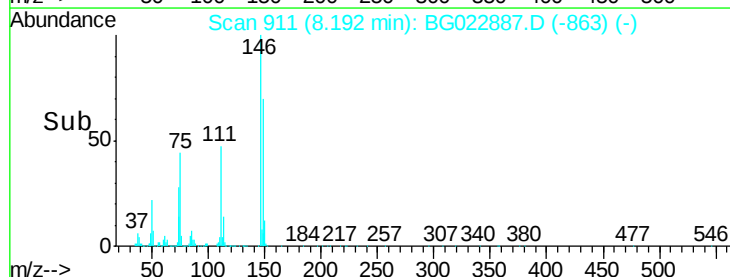
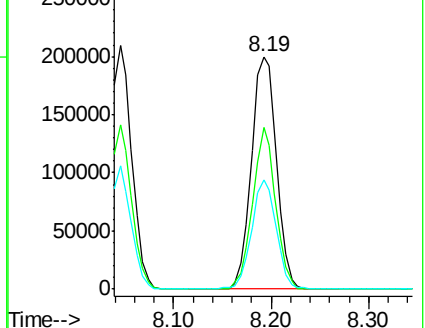
111 47.2 37.8 56.8

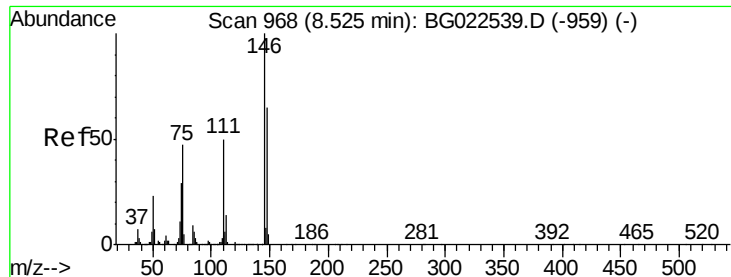


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 36.99 ng

RT: 8.52 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

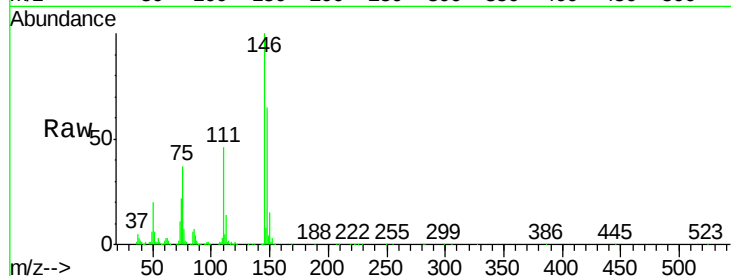
Instrument :

BNA_G

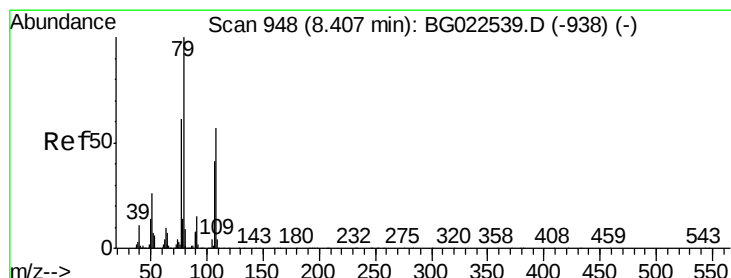
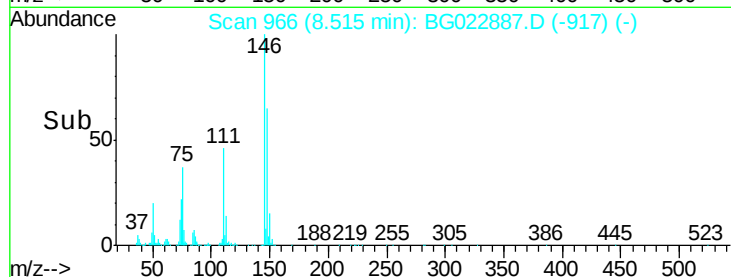
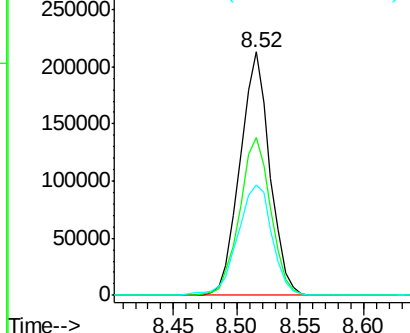
ClientSampleId :

HSR-WC-57-062916MSD

Tgt Ion:	146	Resp:	345522
Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.9	79.3
111	45.6	43.5	65.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 50.39 ng

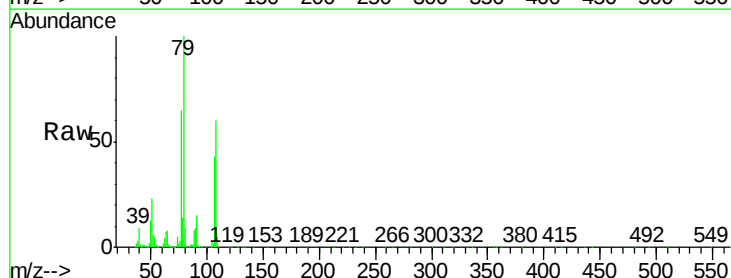
RT: 8.40 min Scan# 946

Delta R.T. -0.00 min

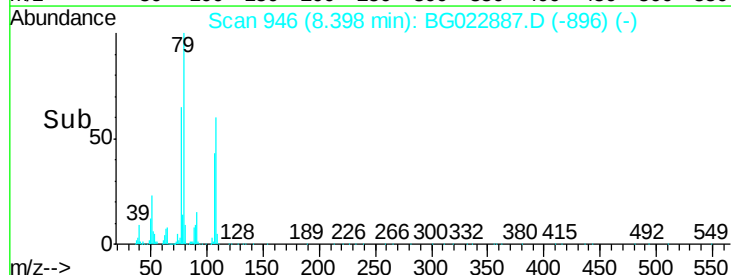
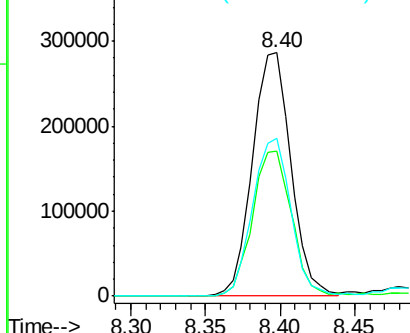
Lab File: BG022887.D

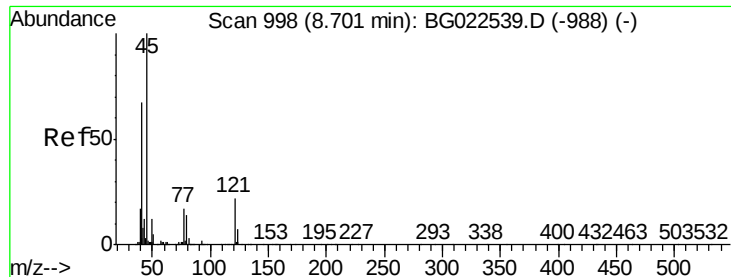
Acq: 6 Jul 2016 22:06

Tgt Ion:	79	Resp:	510769
Ion	Ratio	Lower	Upper
79	100		
108	59.5	46.5	69.7
77	64.6	52.3	78.5



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

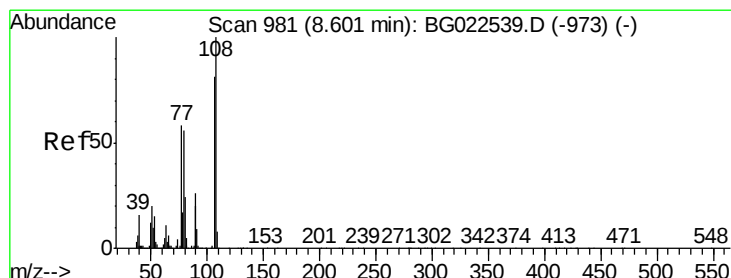
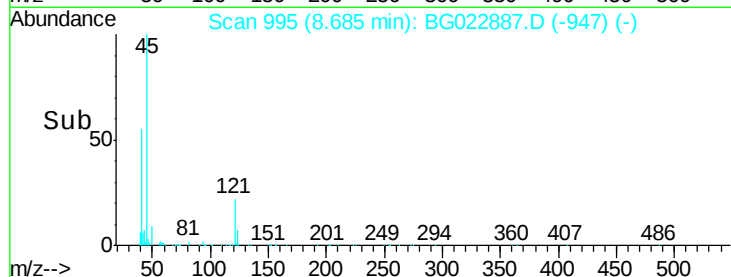
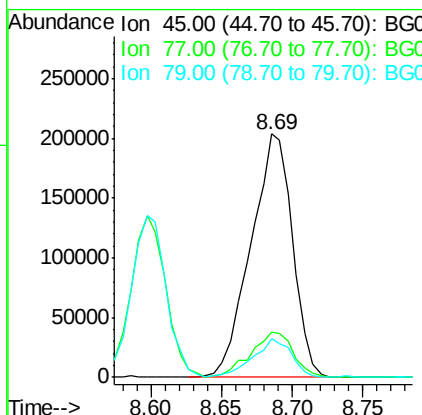
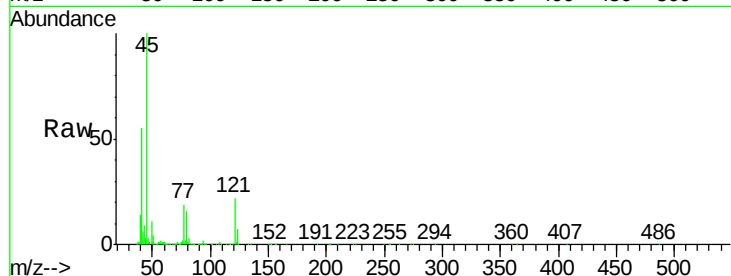




#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.84 ng
RT: 8.69 min Scan# 995
Delta R.T. -0.02 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

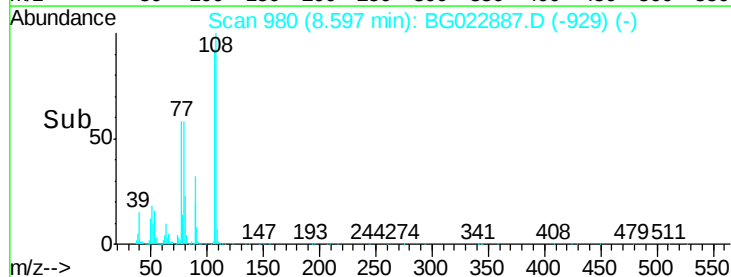
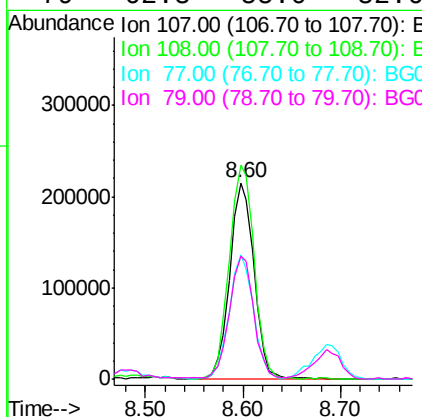
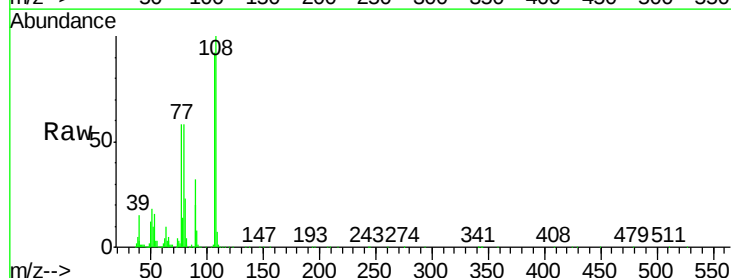
Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

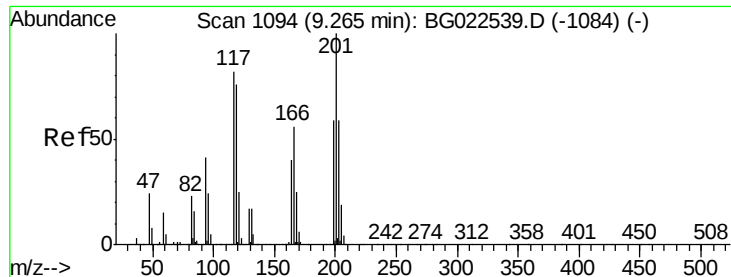
Tgt Ion: 45 Resp: 419961
Ion Ratio Lower Upper
45 100
77 18.5 0.6 40.6
79 16.0 0.0 36.2



#17
2-Methylphenol
Concen: 48.21 ng
RT: 8.60 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion: 107 Resp: 367950
Ion Ratio Lower Upper
107 100
108 109.0 92.0 138.0
77 63.1 55.8 83.6
79 62.8 55.0 82.6

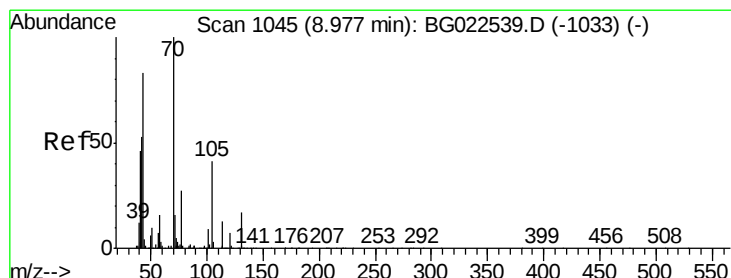
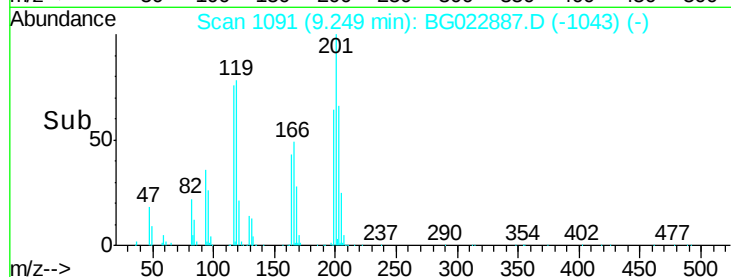
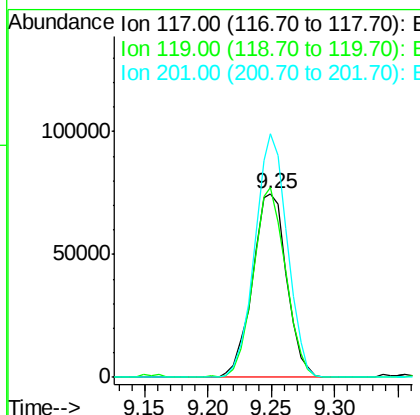
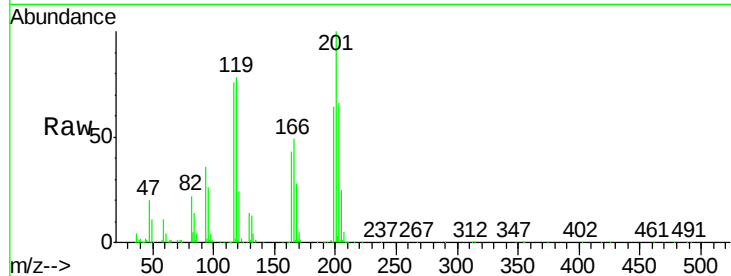




#18
Hexachloroethane
Concen: 34.48 ng
RT: 9.25 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

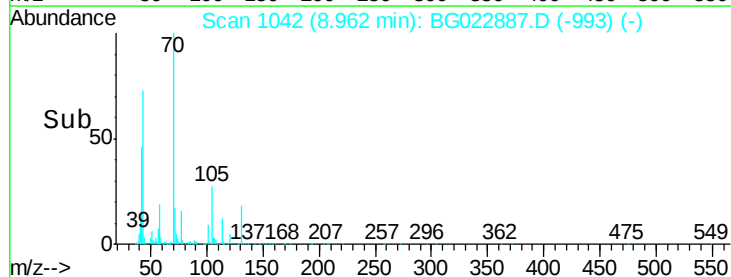
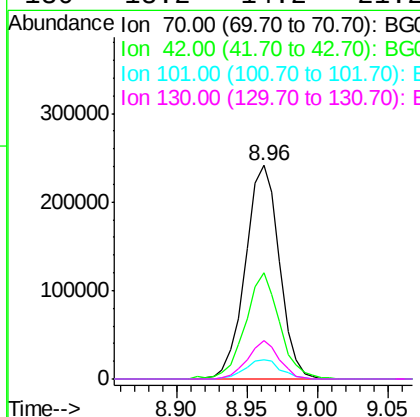
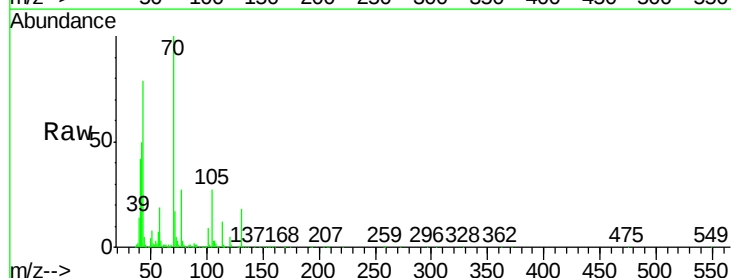
Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

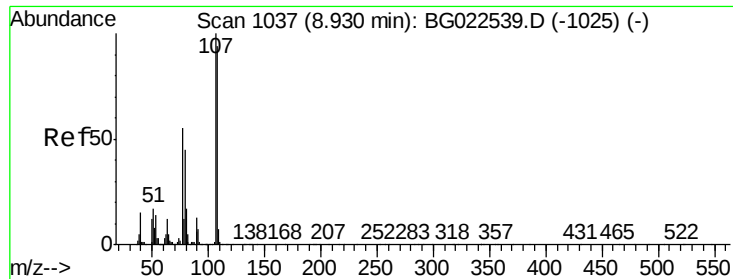
Tgt Ion: 117 Resp: 140171
Ion Ratio Lower Upper
117 100
119 102.9 73.7 110.5
201 132.4 88.7 133.1



#19
n-Nitroso-di-n-propylamine
Concen: 44.65 ng
RT: 8.96 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion: 70 Resp: 407415
Ion Ratio Lower Upper
70 100
42 49.8 42.1 63.1
101 9.2 7.2 10.8
130 18.2 14.2 21.2

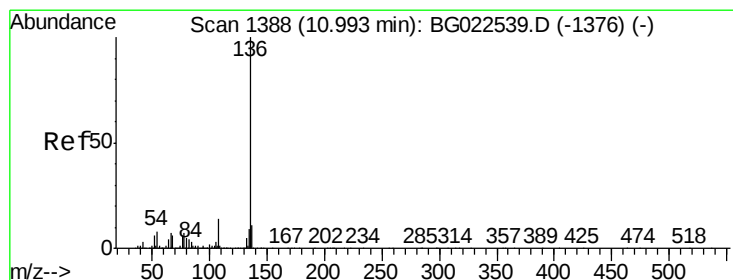
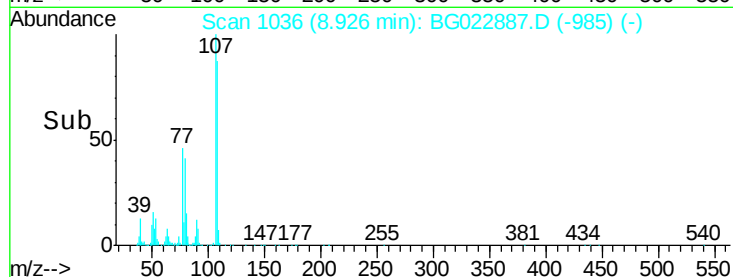
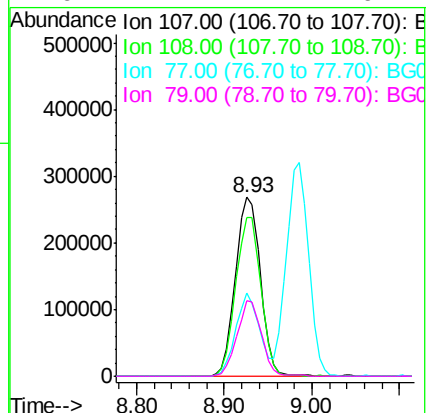
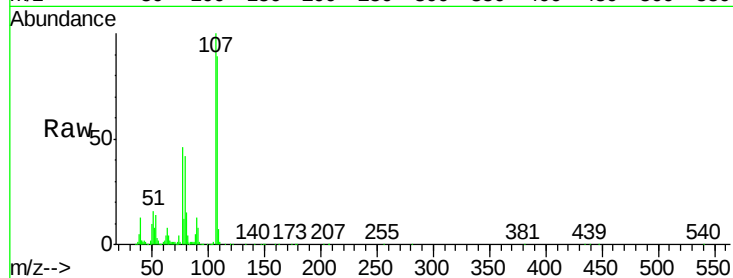




#20
3+4-Methylphenols
Concen: 49.33 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

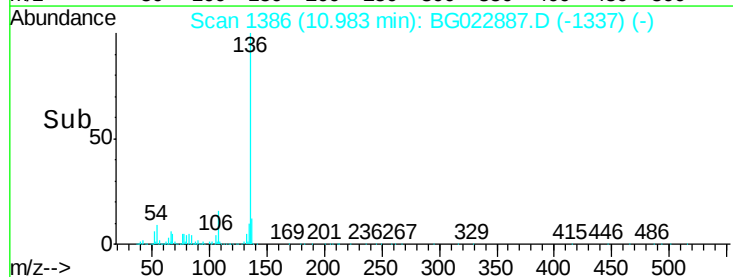
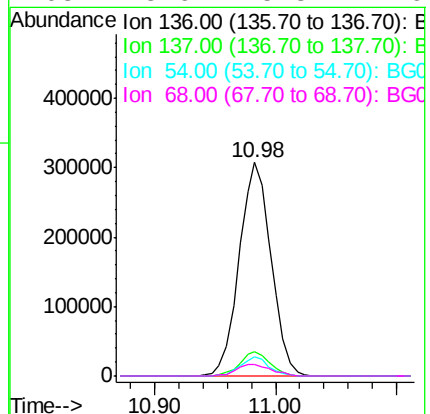
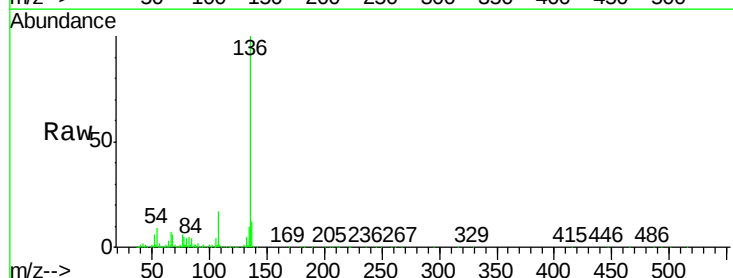
Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

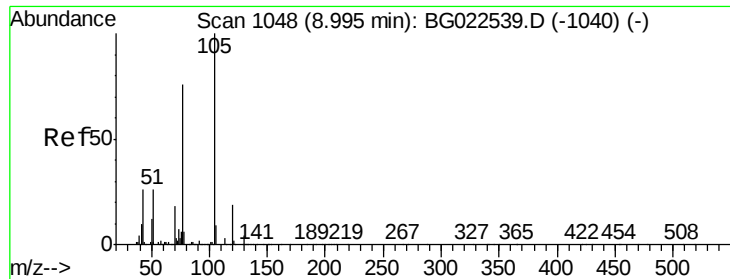
Tgt Ion:	107	Resp:	518585
Ion	Ratio	Lower	Upper
107	100		
108	89.1	72.5	112.5
77	46.5	30.1	70.1
79	42.1	24.2	64.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion:	136	Resp:	561724
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	8.8	7.3	10.9
68	5.6	5.3	7.9





#22

Acetophenone

Concen: 41.03 ng

RT: 8.99 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

Instrument :

BNA_G

ClientSampleId :

HSR-WC-57-062916MSD

Tgt Ion: 105 Resp: 666322

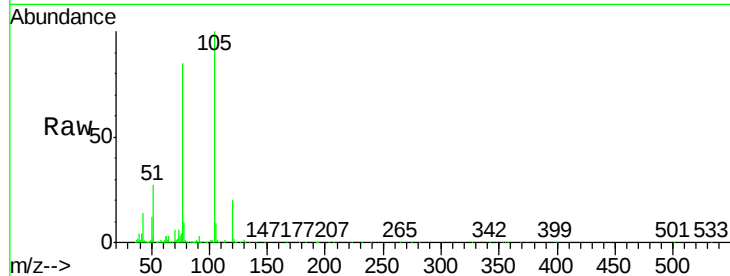
Ion Ratio Lower Upper

105 100

71 0.8 2.6 3.8#

51 26.8 27.1 40.7#

120 19.6 15.1 22.7

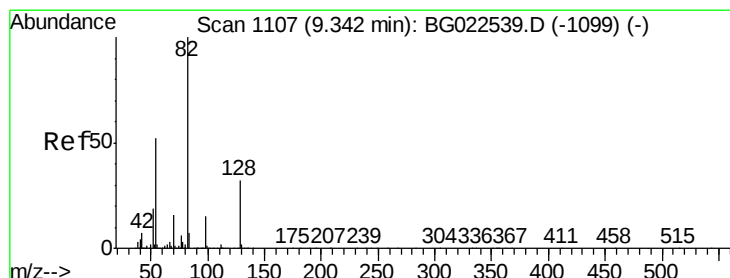
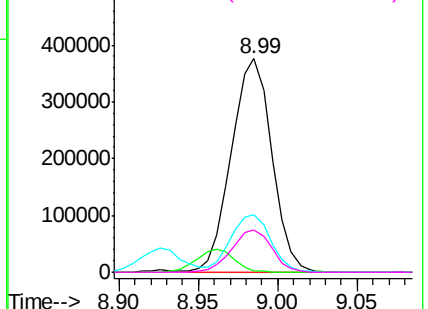
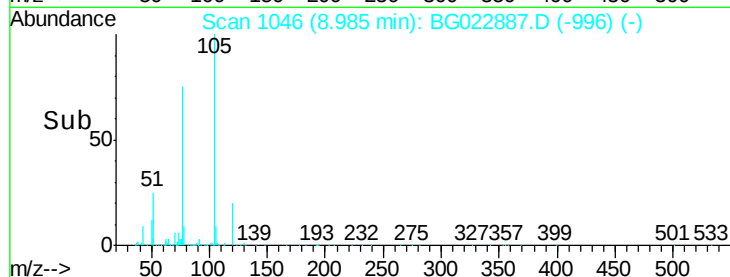


Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.48 ng

RT: 9.33 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

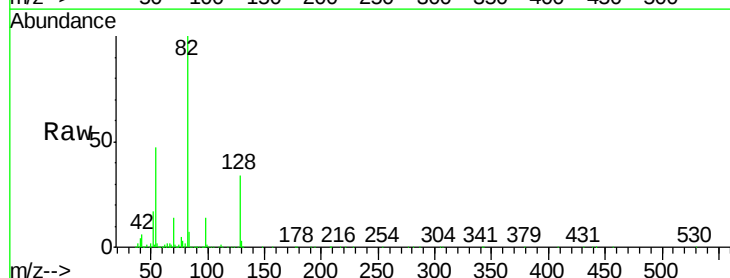
Tgt Ion: 82 Resp: 1068178

Ion Ratio Lower Upper

82 100

128 33.9 24.4 36.6

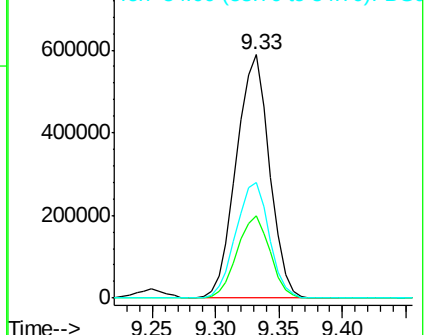
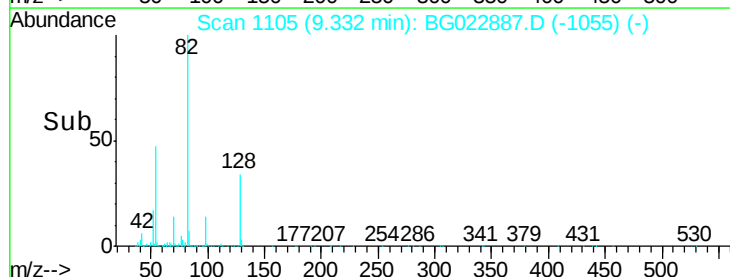
54 47.2 41.4 62.0

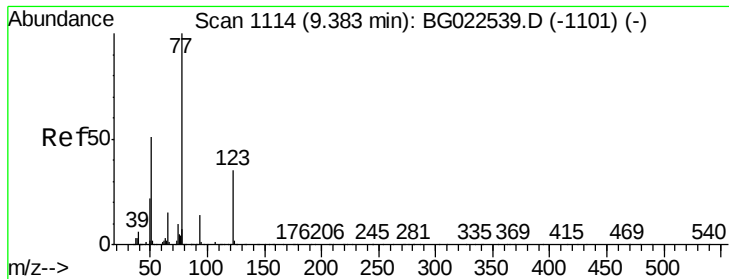


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 39.59 ng

RT: 9.37 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

Instrument :

BNA_G

ClientSampleId :

HSR-WC-57-062916MSD

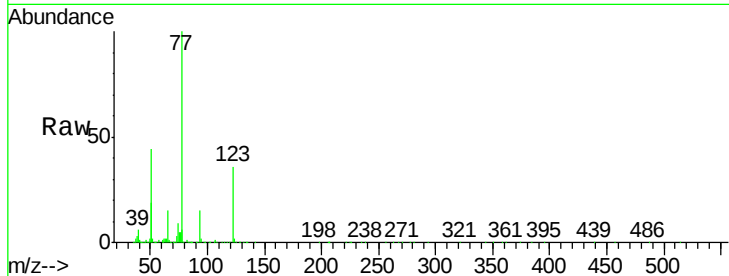
Tgt Ion: 77 Resp: 580686

Ion Ratio Lower Upper

77 100

123 35.6 25.0 37.6

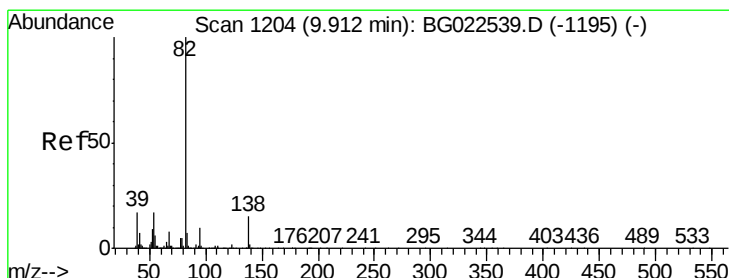
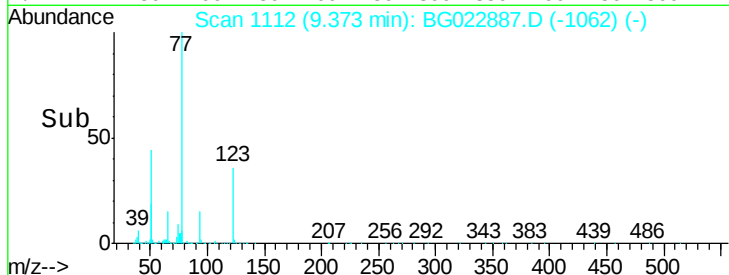
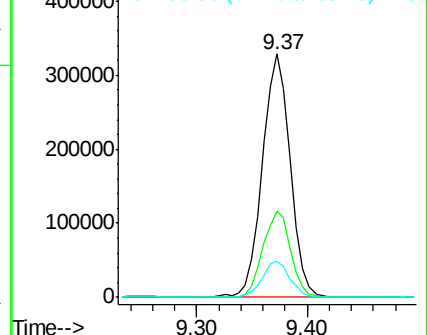
65 14.9 13.4 20.0



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



#25

Isophorone

Concen: 42.32 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

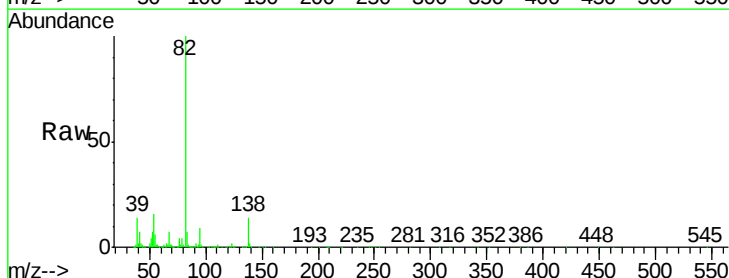
Tgt Ion: 82 Resp: 1090241

Ion Ratio Lower Upper

82 100

95 8.5 8.2 12.2

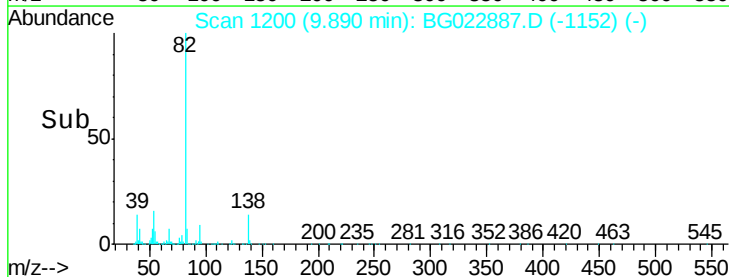
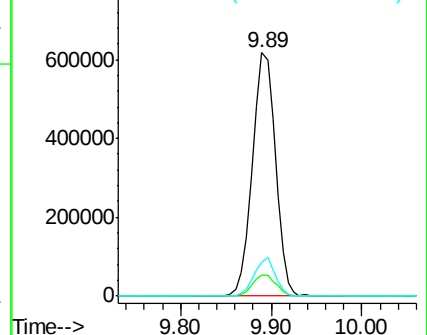
138 13.8 10.7 16.1

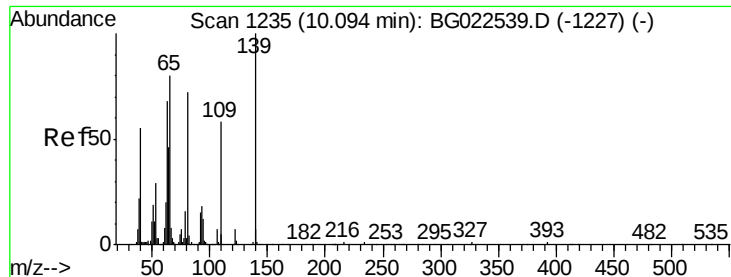


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC

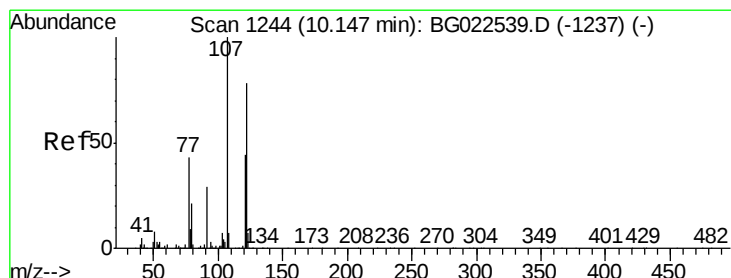
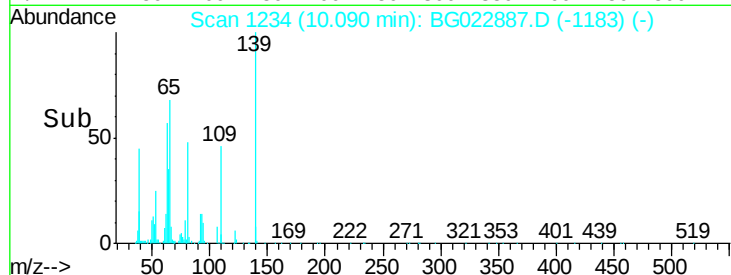
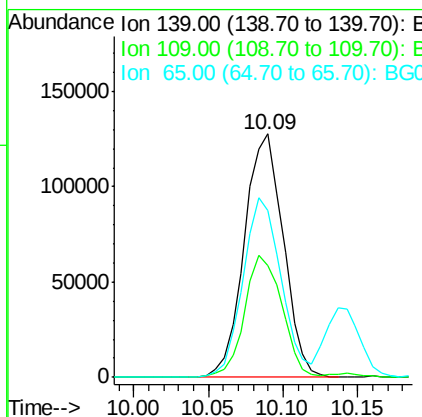
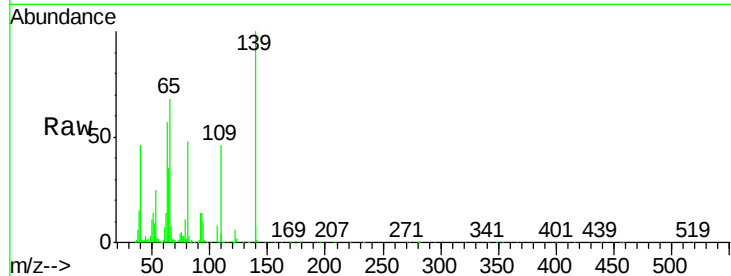




#26
2-Nitrophenol
Concen: 43.57 ng
RT: 10.09 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

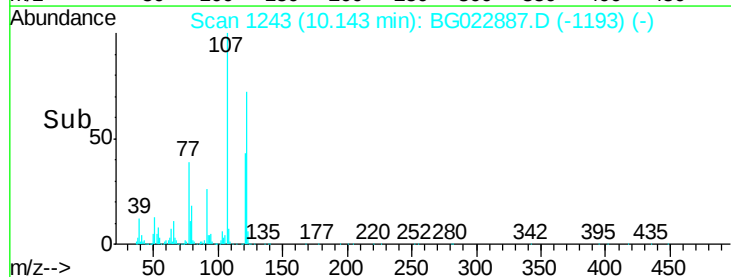
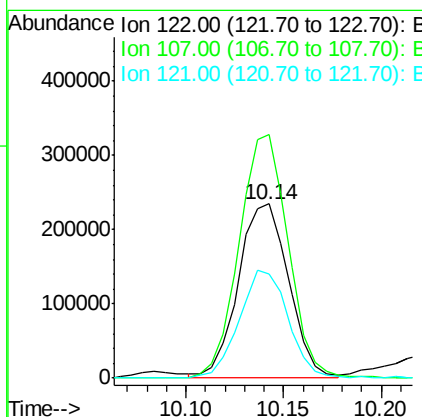
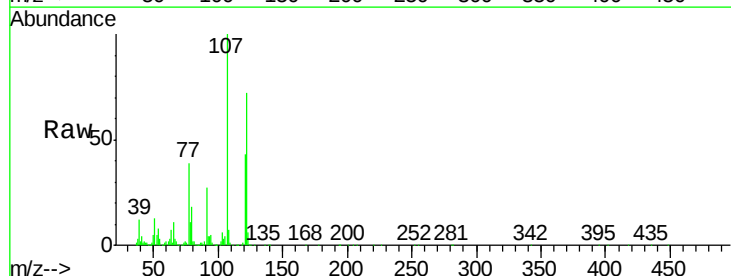
Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

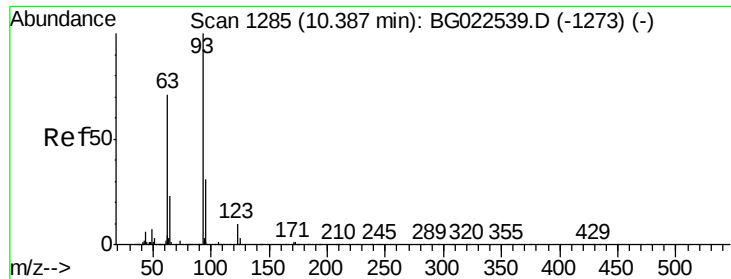
Tgt Ion	Ratio	Lower	Upper
139	100		
109	45.6	43.5	65.3
65	68.3	64.3	96.5



#27
2,4-Dimethylphenol
Concen: 41.36 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion	Ratio	Lower	Upper
122	100		
107	139.6	117.0	175.4
121	59.7	50.1	75.1

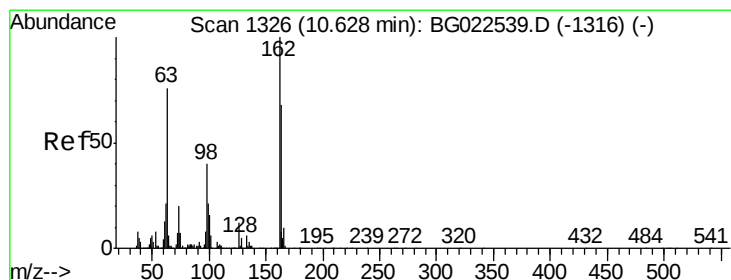
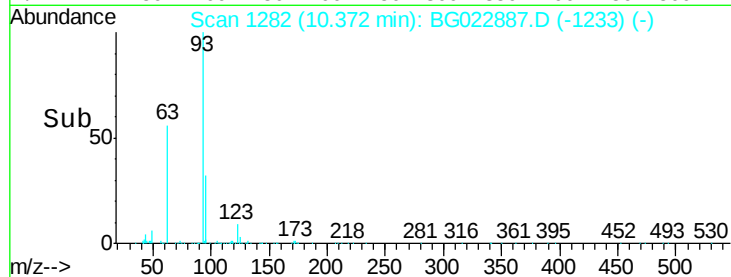
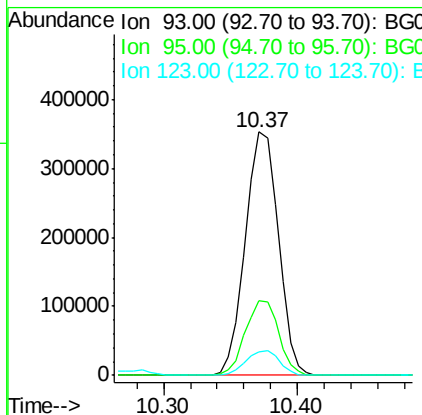
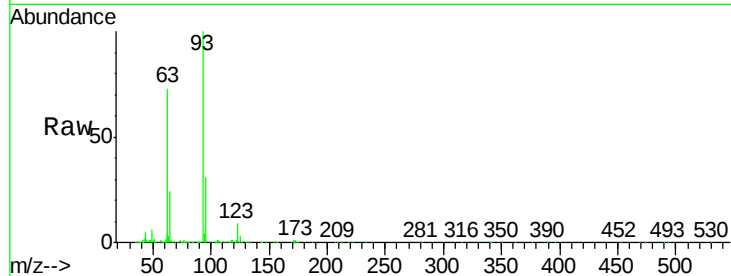




#28
bis(2-Chloroethoxy)methane
Concen: 43.05 ng
RT: 10.37 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

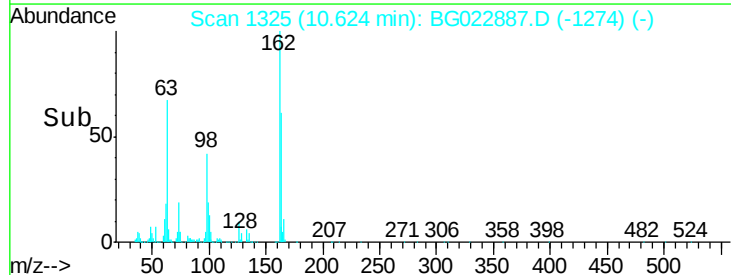
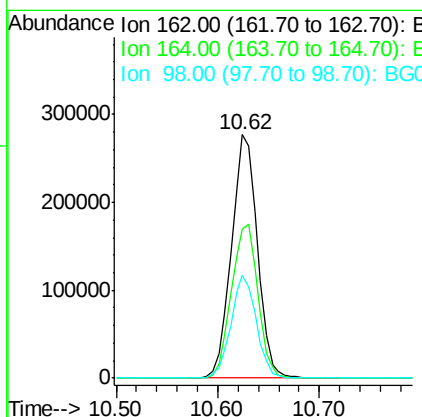
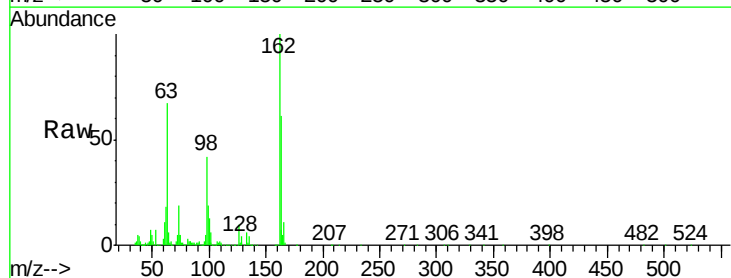
Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

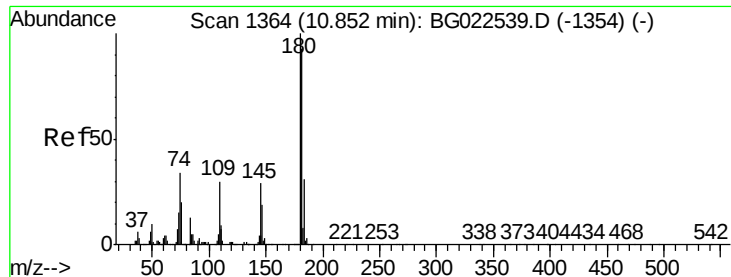
Tgt Ion: 93 Resp: 605583
Ion Ratio Lower Upper
93 100
95 30.9 25.4 38.2
123 9.4 8.2 12.2



#29
2,4-Dichlorophenol
Concen: 49.80 ng
RT: 10.62 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion: 162 Resp: 489824
Ion Ratio Lower Upper
162 100
164 61.2 44.3 84.3
98 42.0 19.5 59.5

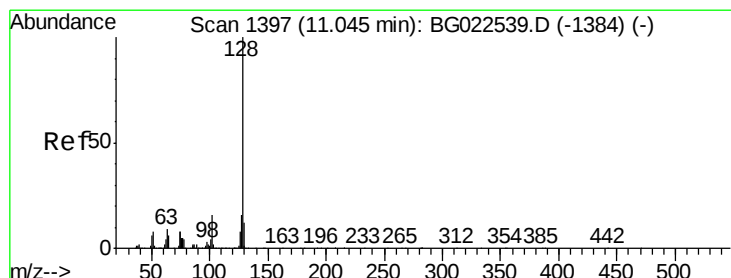
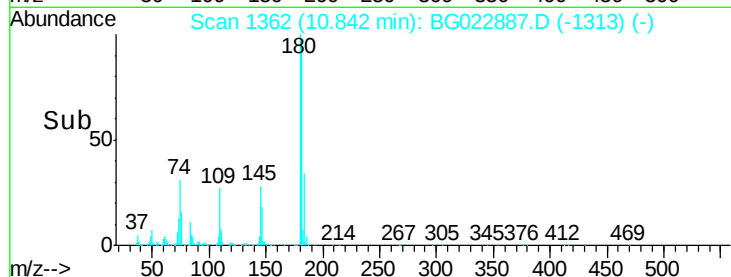
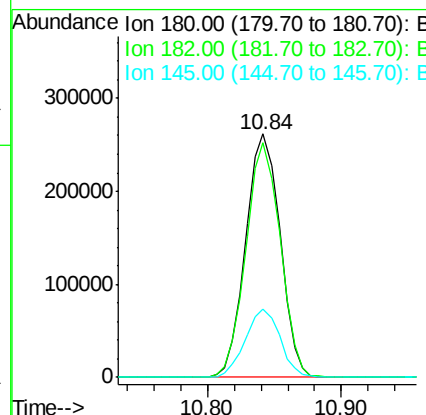
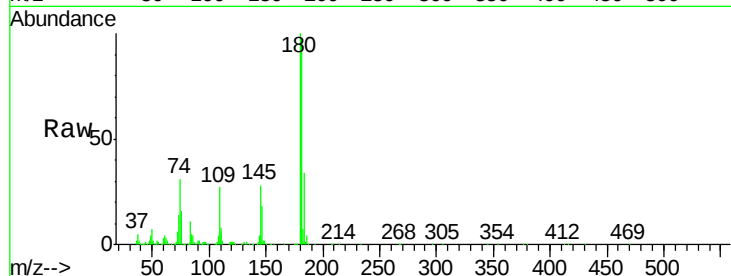




#30
1,2,4-Trichlorobenzene
Concen: 39.94 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

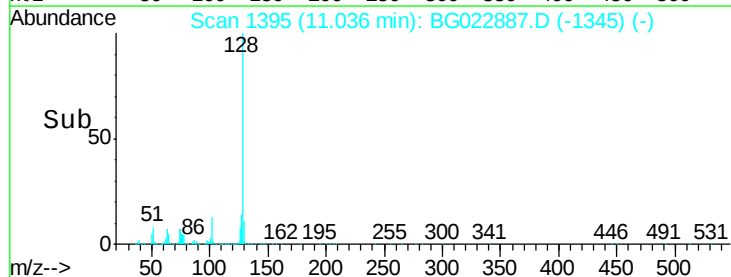
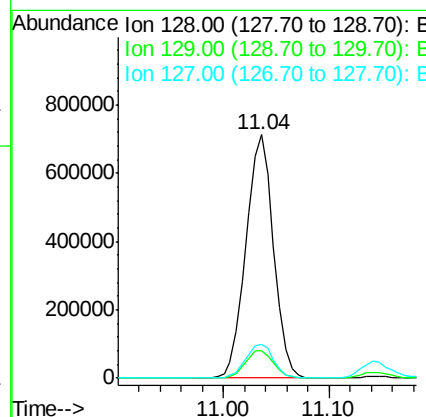
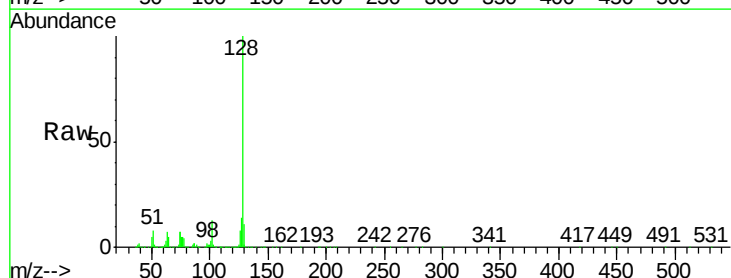
Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

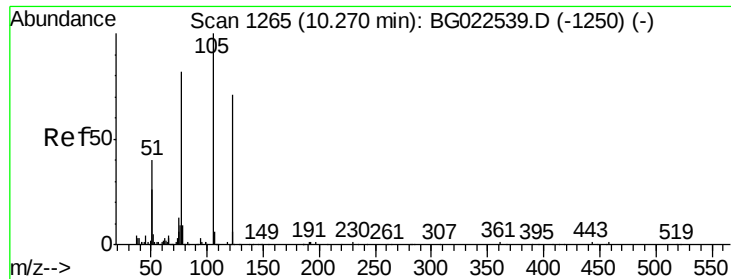
Tgt Ion:180 Resp: 466404
Ion Ratio Lower Upper
180 100
182 96.6 73.8 110.8
145 28.3 24.4 36.6



#31
Naphthalene
Concen: 45.57 ng
RT: 11.04 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion:128 Resp: 1286658
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.8 11.3 16.9

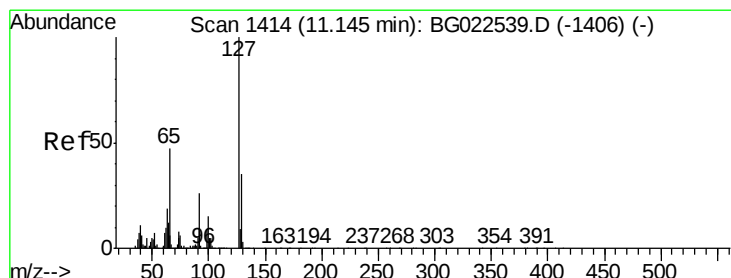
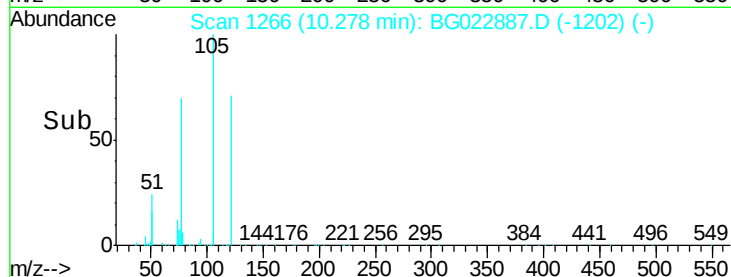
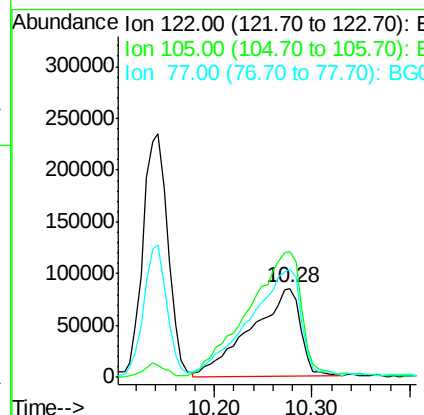
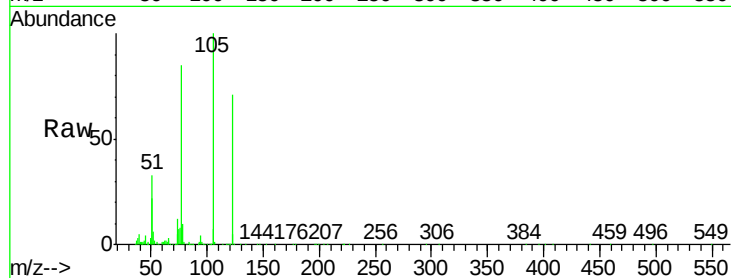




#32
Benzoic acid
Concen: 45.30 ng
RT: 10.28 min Scan# 1266
Delta R.T. 0.08 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

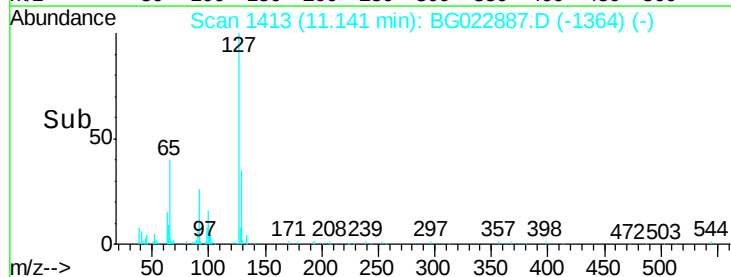
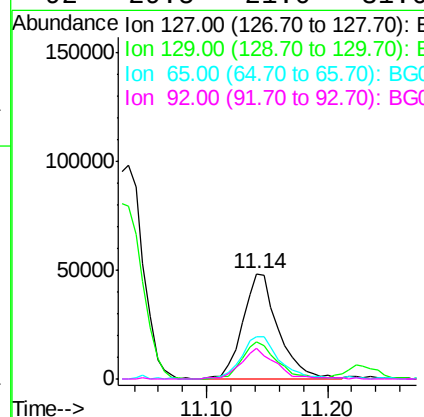
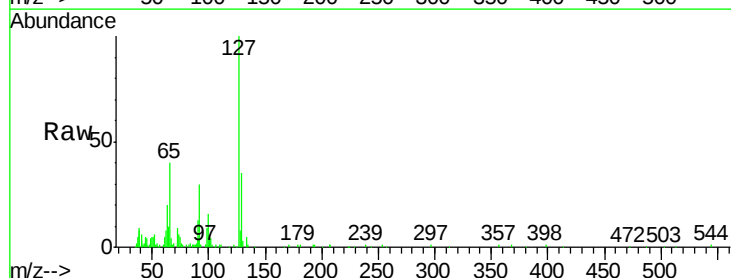
Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

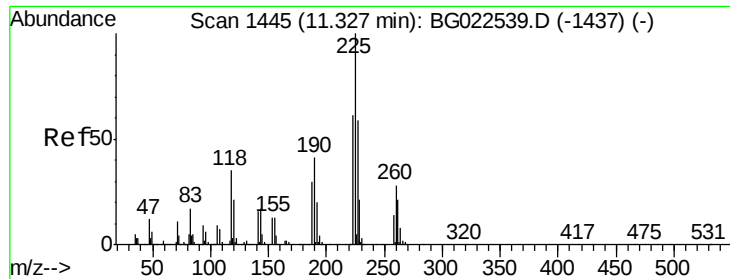
Tgt Ion	Ratio	Lower	Upper
122	100		
105	141.8	117.2	157.2
77	120.8	109.2	149.2



#33
4-Chloroaniline
Concen: 8.15 ng
RT: 11.14 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion	Ratio	Lower	Upper
127	100		
129	35.3	27.9	41.9
65	40.1	36.8	55.2
92	29.5	21.0	31.6

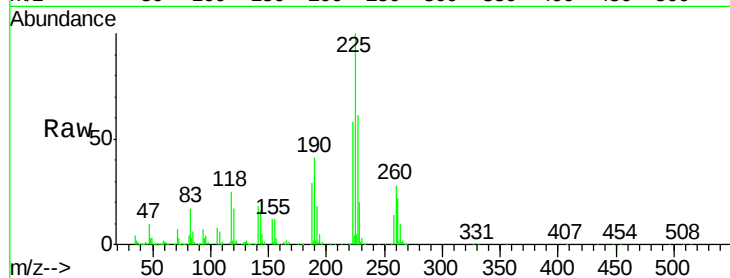




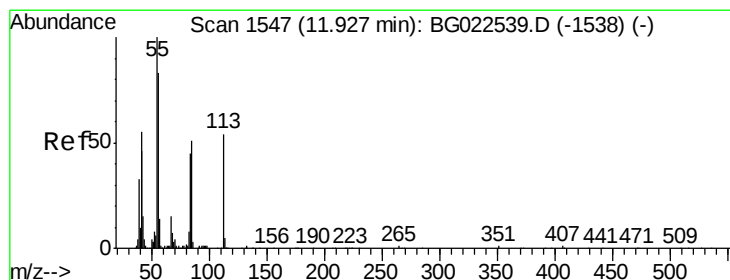
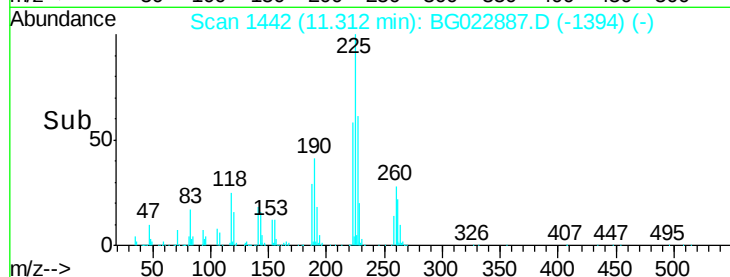
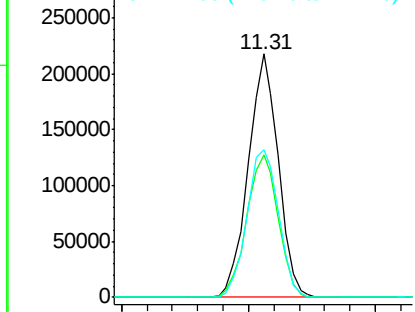
#34
Hexachlorobutadiene
Concen: 39.40 ng
RT: 11.31 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.5	49.6	74.4
227	60.8	54.5	81.7

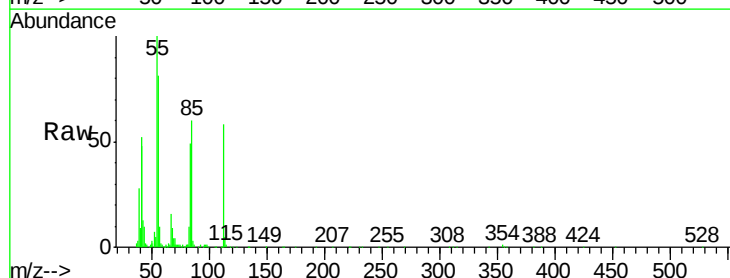


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

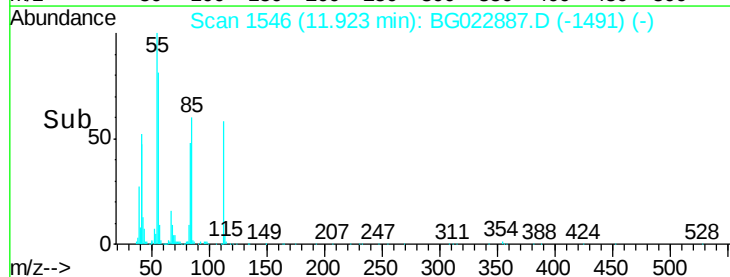
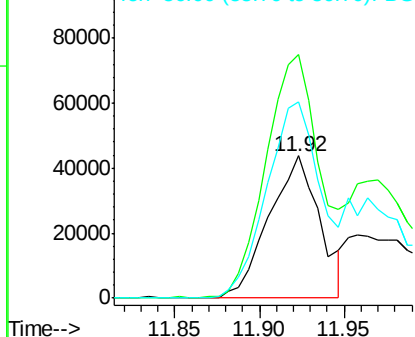


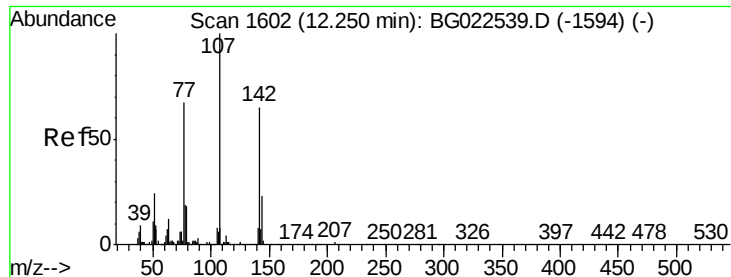
#35
Caprolactam
Concen: 29.22 ng
RT: 11.92 min Scan# 1546
Delta R.T. 0.02 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion	Ratio	Lower	Upper
113	100		
55	171.0	154.5	194.5
56	138.2	125.1	165.1



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG0
Ion 56.00 (55.70 to 56.70): BG0

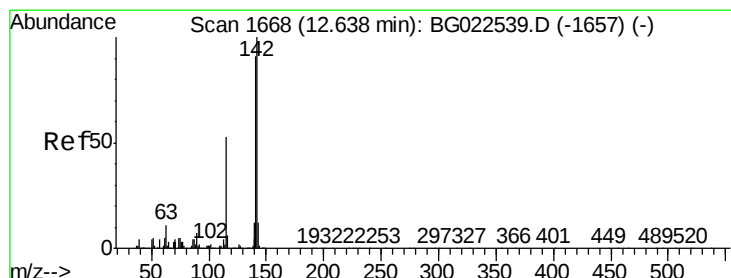
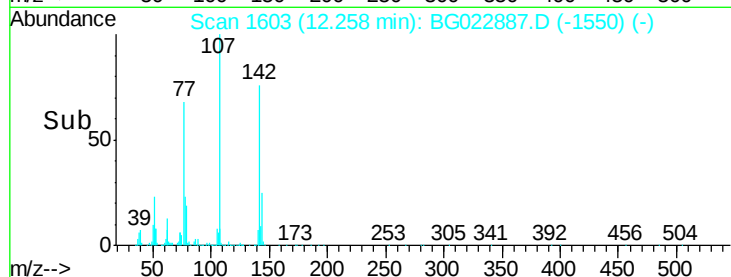
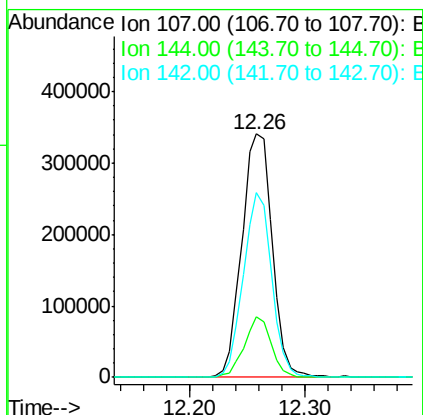
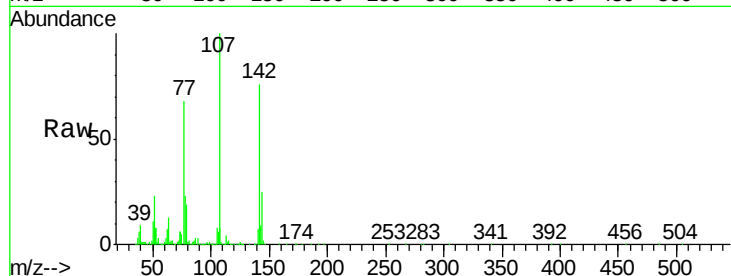




#36
4-Chloro-3-methylphenol
Concen: 51.67 ng
RT: 12.26 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

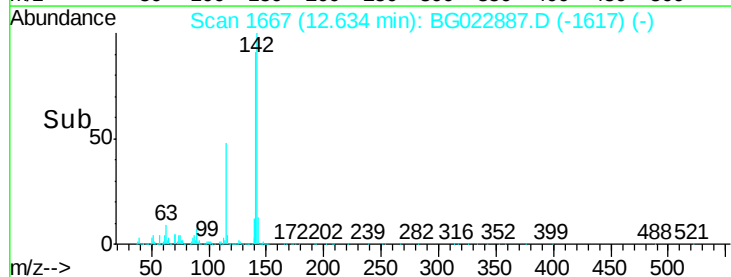
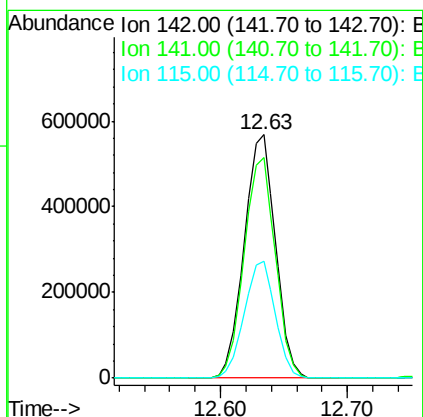
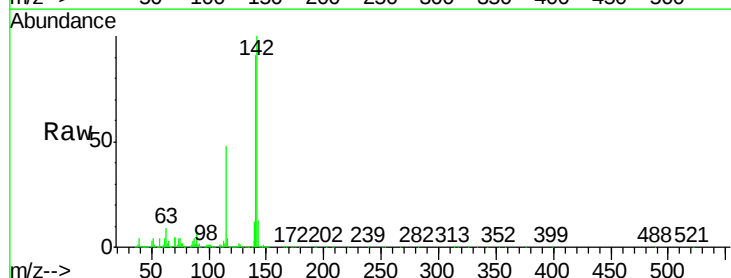
Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

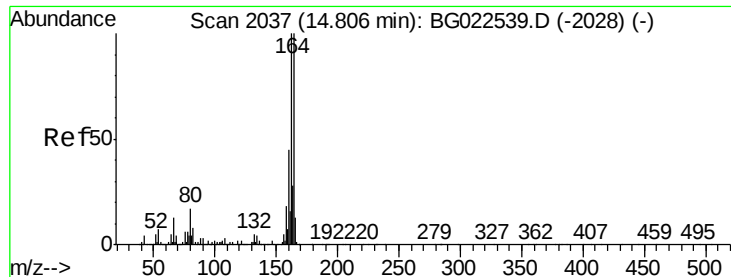
Tgt Ion:107 Resp: 623852
Ion Ratio Lower Upper
107 100
144 25.1 17.0 25.6
142 76.1 53.0 79.6



#37
2-Methylnaphthalene
Concen: 44.52 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion:142 Resp: 974870
Ion Ratio Lower Upper
142 100
141 90.6 70.2 105.2
115 48.2 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

Instrument :

BNA_G

ClientSampleId :

HSR-WC-57-062916MSD

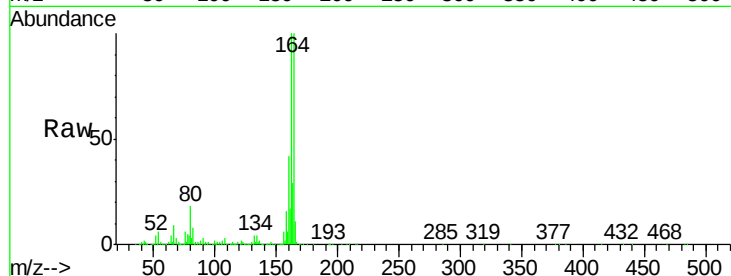
Tgt Ion:164 Resp: 446170

Ion Ratio Lower Upper

164 100

162 100.2 87.7 131.5

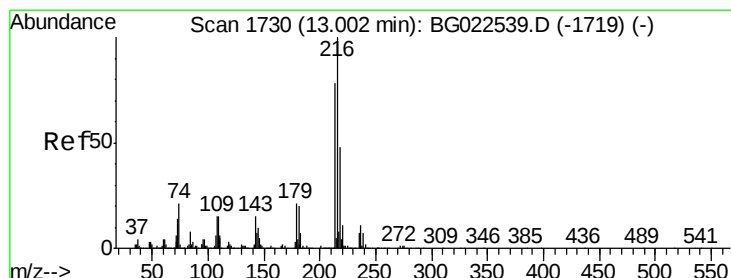
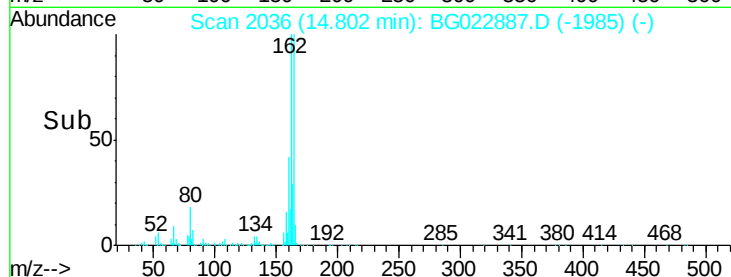
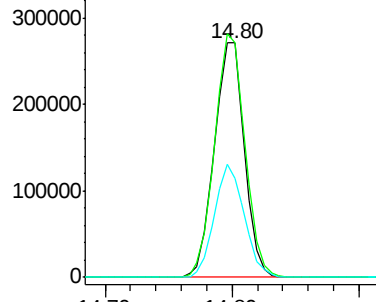
160 42.4 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.61 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

Tgt Ion:216 Resp: 683982

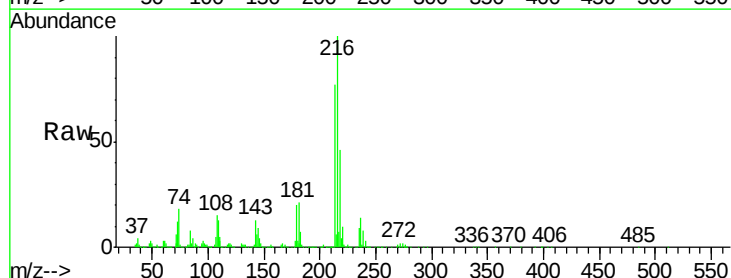
Ion Ratio Lower Upper

216 100

214 79.6 62.9 94.3

179 20.3 17.2 25.8

108 18.4 16.3 24.5

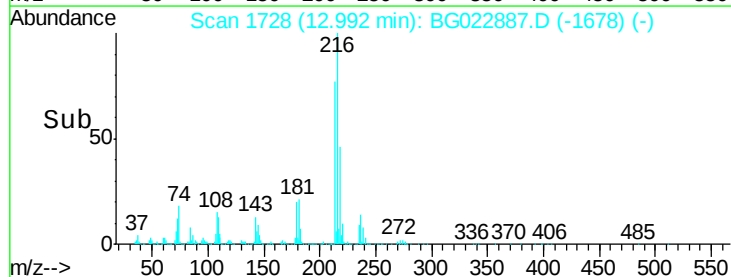
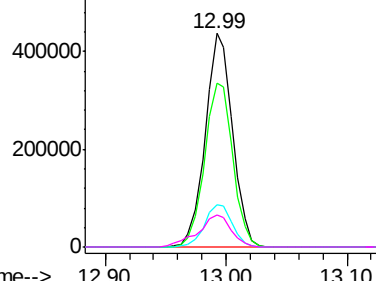


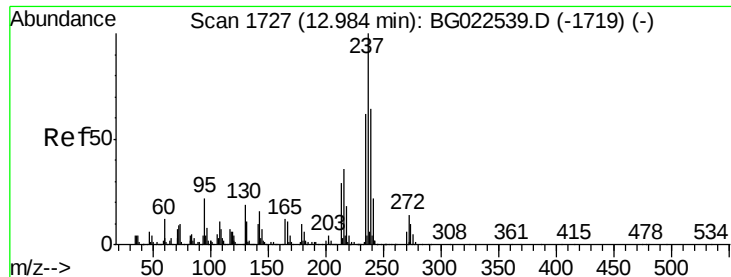
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

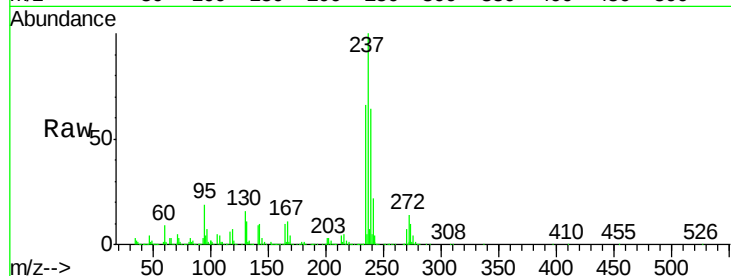




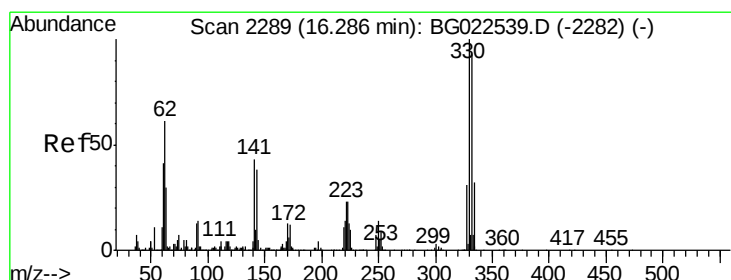
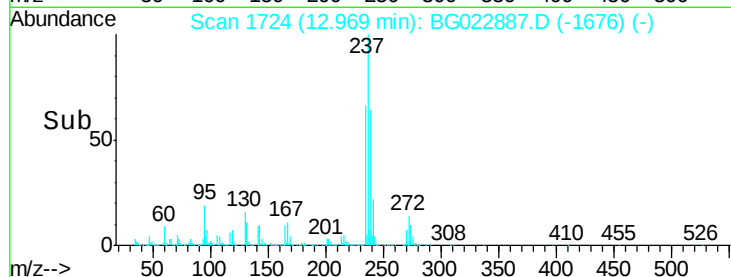
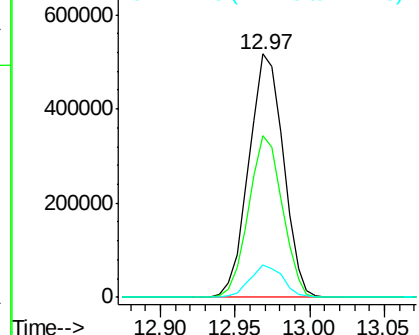
#40
Hexachlorocyclopentadiene
Concen: 61.32 ng
RT: 12.97 min Scan# 1724
Delta R.T. -0.02 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

Tgt Ion: 237 Resp: 824567
Ion Ratio Lower Upper
237 100
235 66.5 43.1 83.1
272 13.6 0.0 30.9

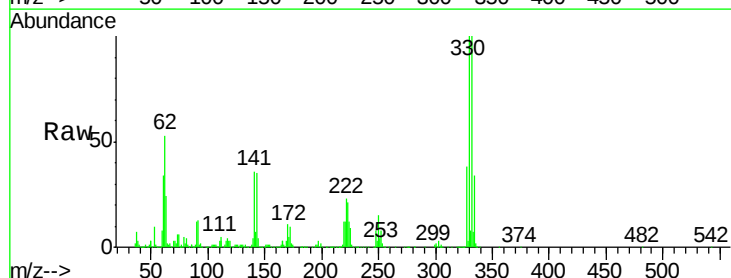


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

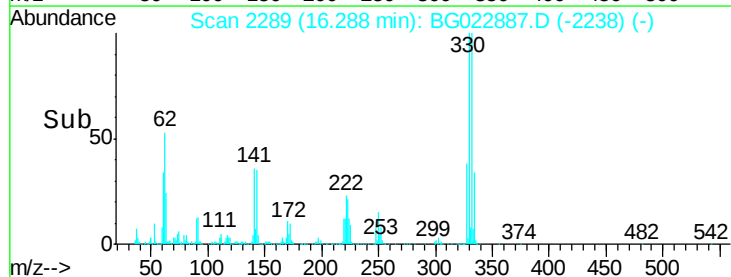
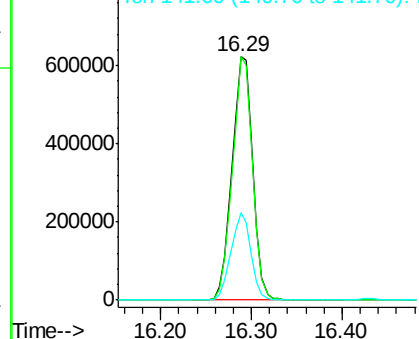


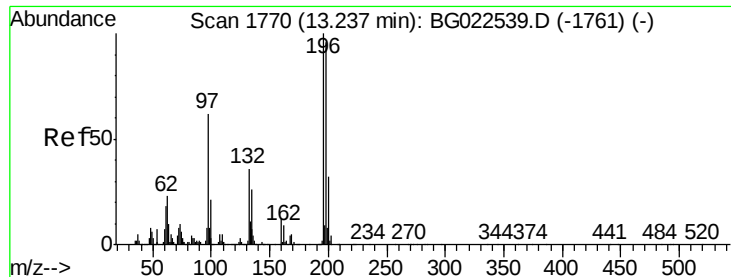
#41
2,4,6-Tribromophenol
Concen: 141.03 ng
RT: 16.29 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion: 330 Resp: 989716
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 34.4 31.7 47.5



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

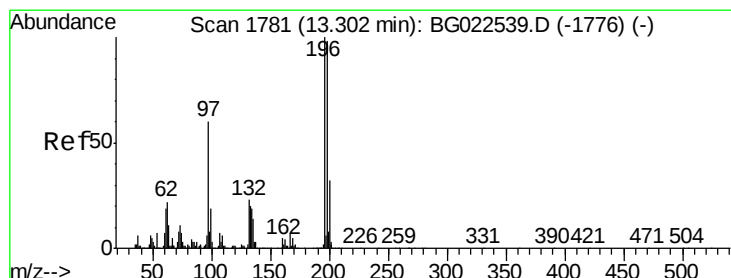
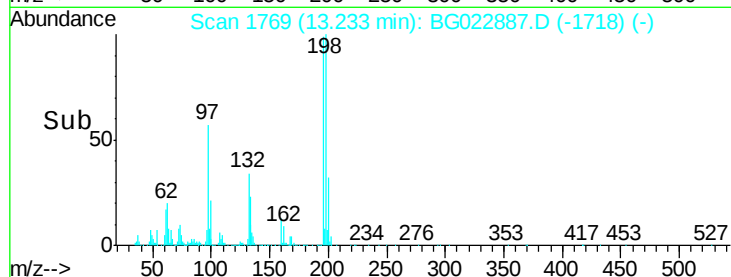
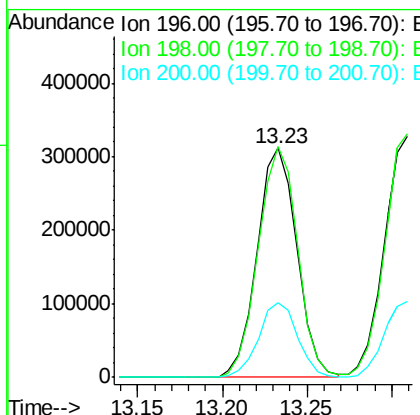
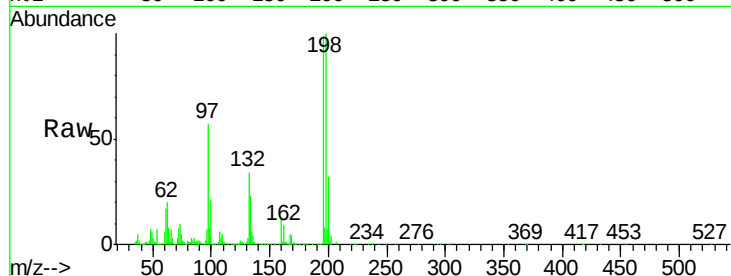




#42
 2,4,6-Trichlorophenol
 Concen: 47.09 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG022887.D
 Acq: 6 Jul 2016 22:06

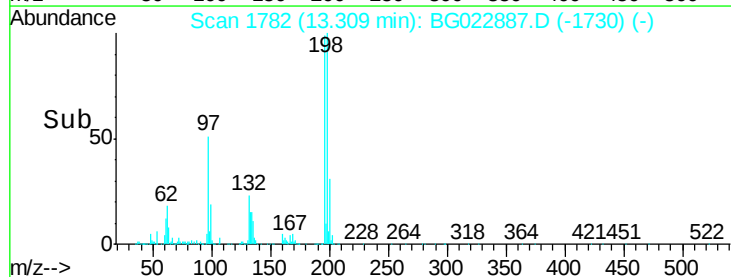
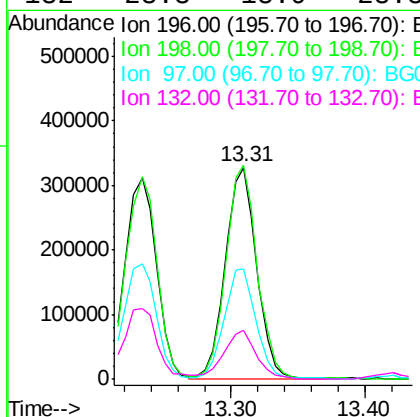
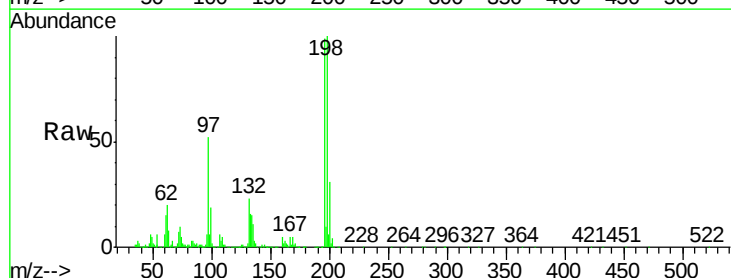
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-57-062916MSD

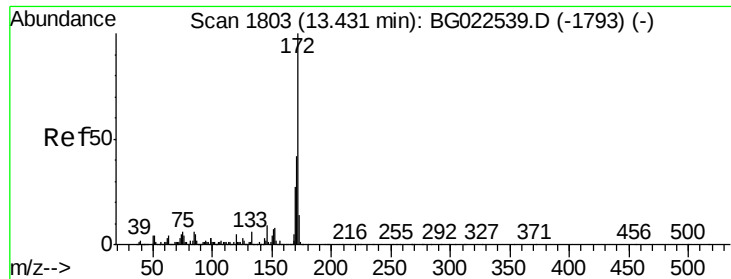
Tgt Ion:196 Resp: 508652
 Ion Ratio Lower Upper
 196 100
 198 100.8 78.2 117.2
 200 32.7 27.0 40.4



#43
 2,4,5-Trichlorophenol
 Concen: 47.43 ng
 RT: 13.31 min Scan# 1782
 Delta R.T. 0.01 min
 Lab File: BG022887.D
 Acq: 6 Jul 2016 22:06

Tgt Ion:196 Resp: 536103
 Ion Ratio Lower Upper
 196 100
 198 100.9 85.7 128.5
 97 52.1 45.5 68.3
 132 23.3 18.9 28.3

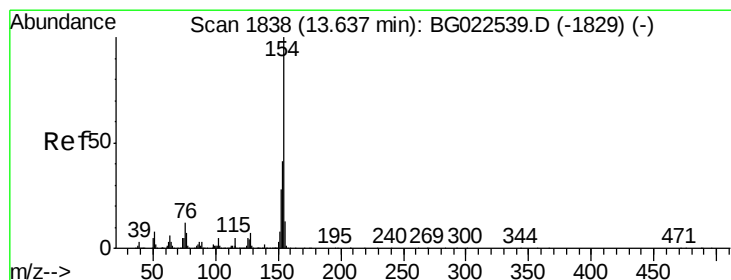
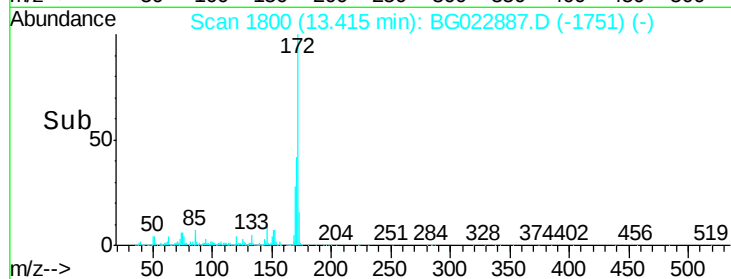
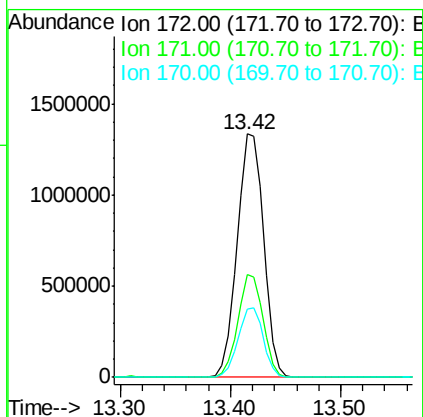
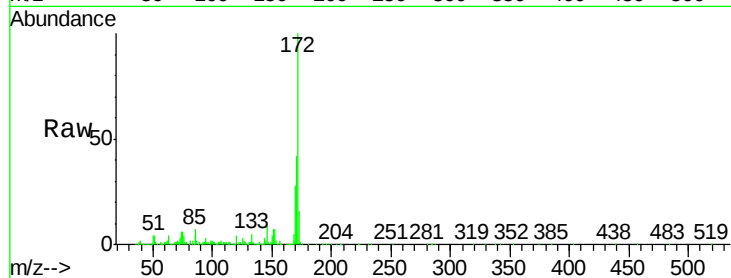




#44
2-Fluorobiphenyl
Concen: 80.13 ng
RT: 13.42 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

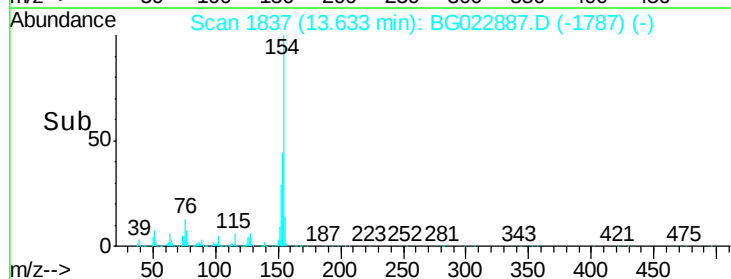
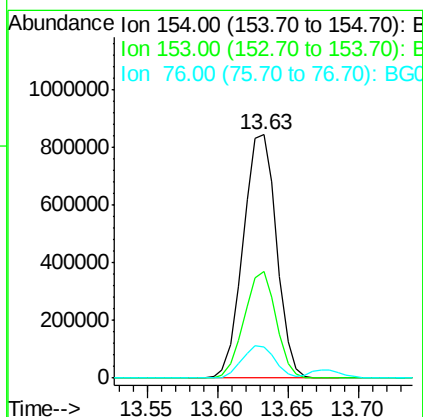
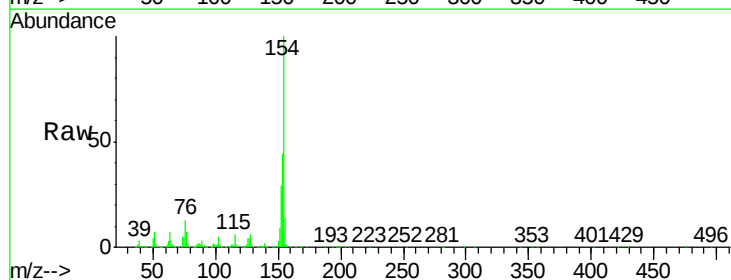
Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

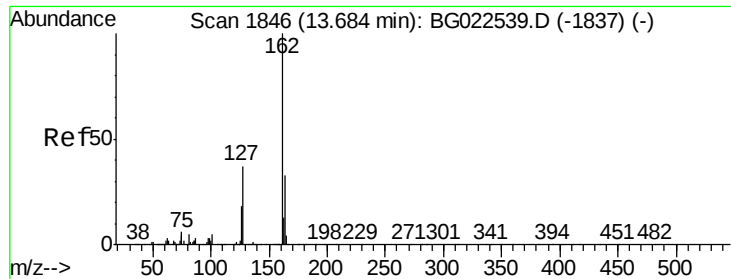
Tgt Ion:172 Resp: 2254292
Ion Ratio Lower Upper
172 100
171 42.5 31.6 47.4
170 28.0 21.3 31.9



#45
1,1'-Biphenyl
Concen: 40.98 ng
RT: 13.63 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion:154 Resp: 1392949
Ion Ratio Lower Upper
154 100
153 43.8 20.2 60.2
76 12.8 0.0 32.9

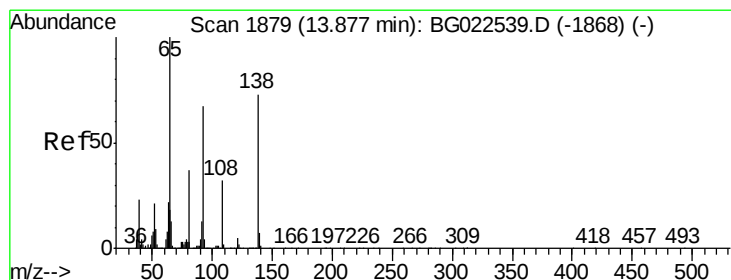
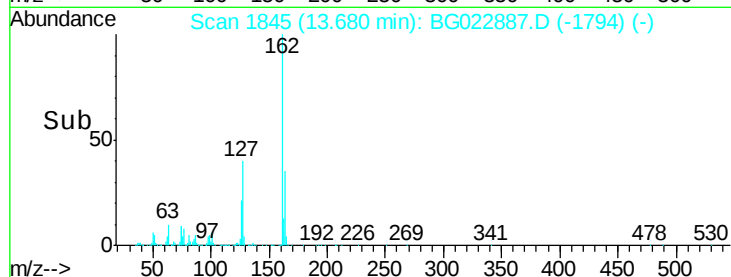
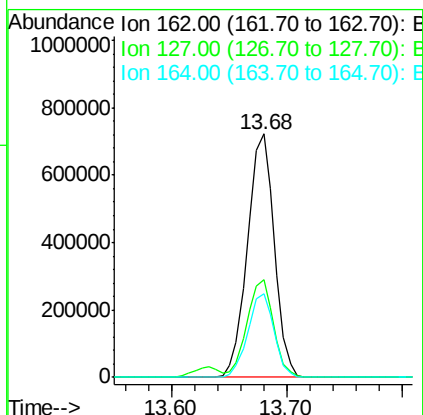
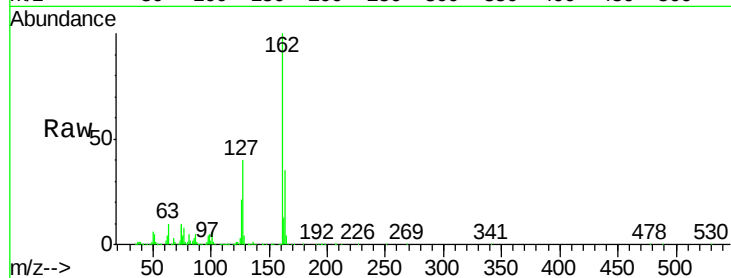




#46
2-Chloronaphthalene
Concen: 41.69 ng
RT: 13.68 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

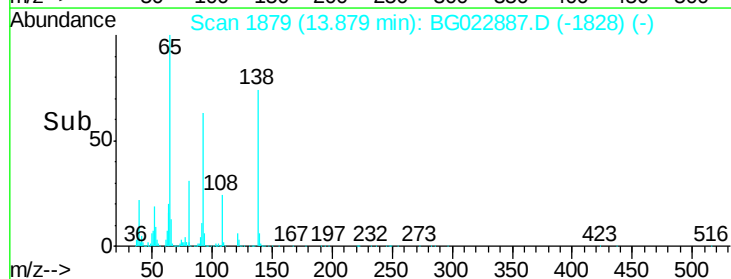
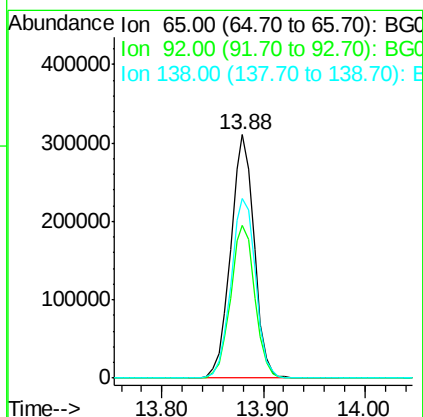
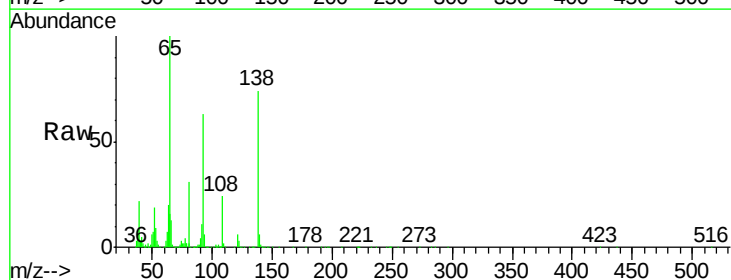
Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

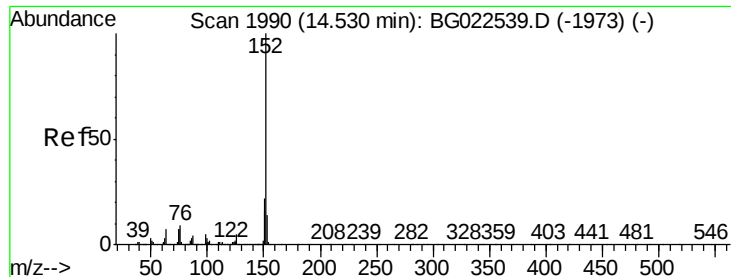
Tgt Ion:162 Resp: 1165898
Ion Ratio Lower Upper
162 100
127 40.0 32.4 48.6
164 34.5 25.2 37.8



#47
2-Nitroaniline
Concen: 46.09 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion: 65 Resp: 497535
Ion Ratio Lower Upper
65 100
92 62.9 49.4 74.0
138 73.9 58.0 87.0





#48

Acenaphthylene

Concen: 42.62 ng

RT: 14.53 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

Instrument :

BNA_G

ClientSampleId :

HSR-WC-57-062916MSD

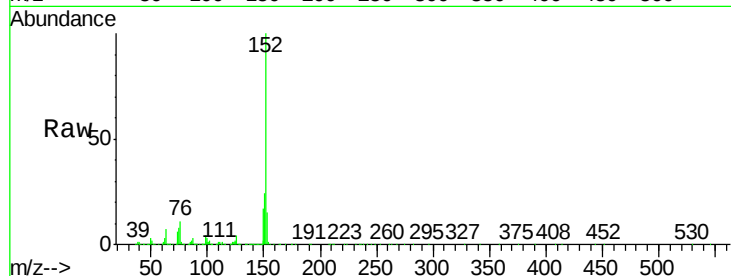
Tgt Ion:152 Resp: 1728619

Ion Ratio Lower Upper

152 100

151 23.8 17.6 26.4

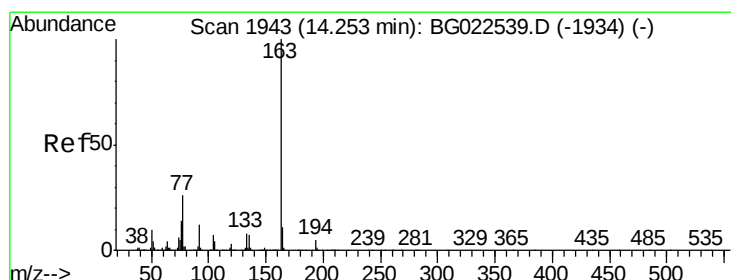
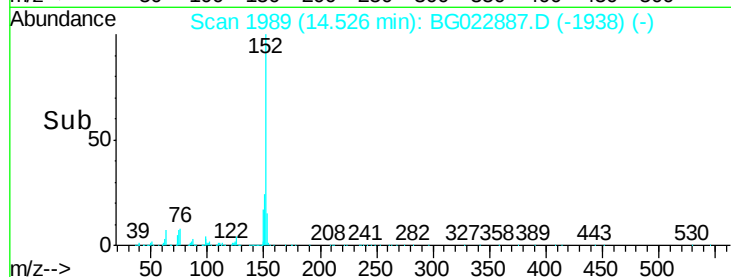
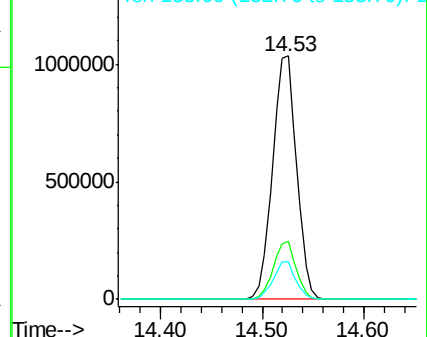
153 15.5 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 43.20 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

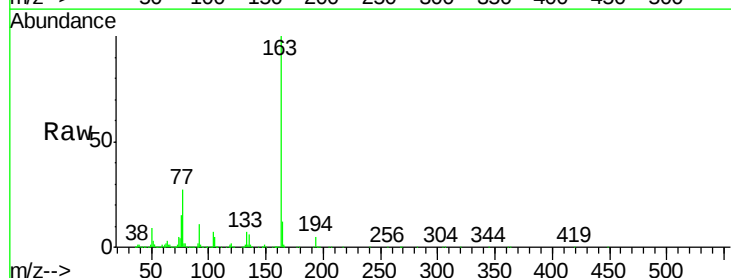
Tgt Ion:163 Resp: 1598991

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

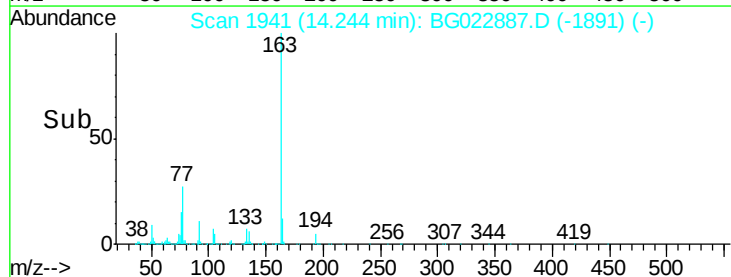
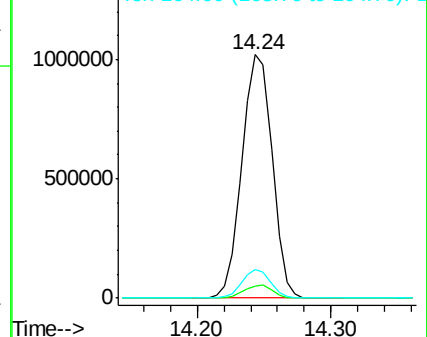
164 11.8 8.1 12.1

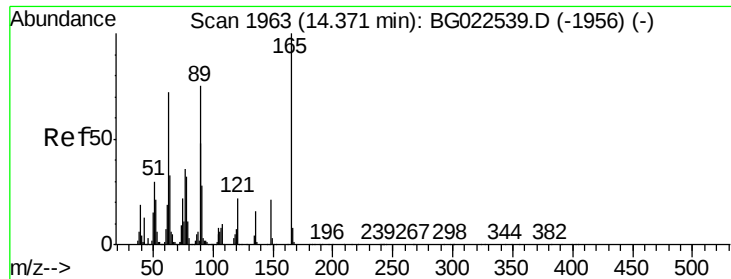


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

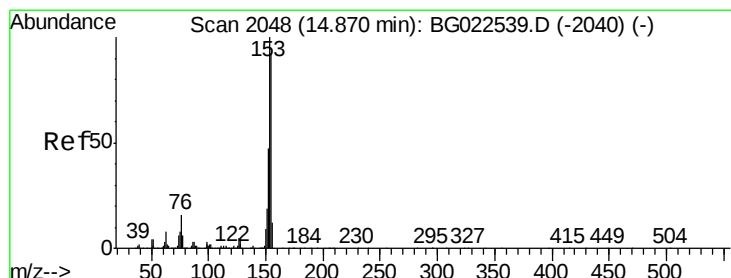
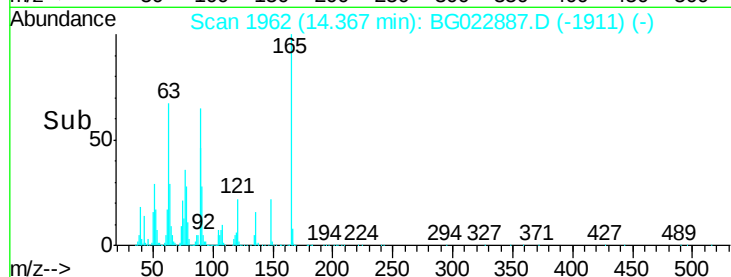
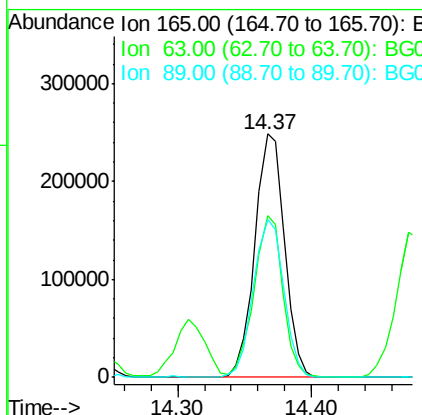
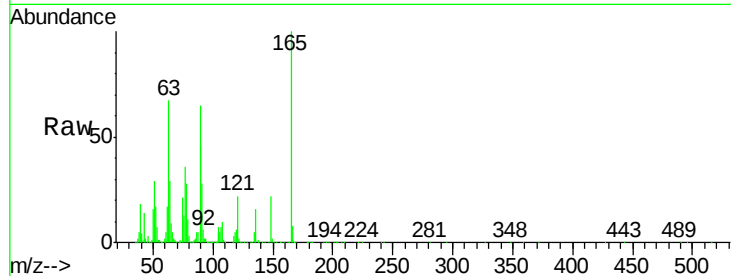




#50
 2,6-Dinitrotoluene
 Concen: 47.26 ng
 RT: 14.37 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: BG022887.D
 Acq: 6 Jul 2016 22:06

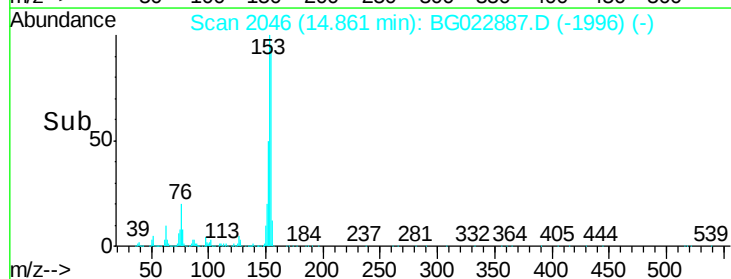
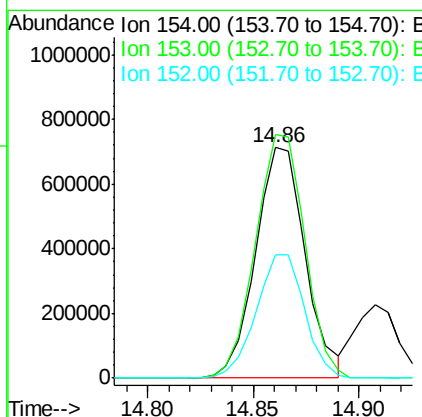
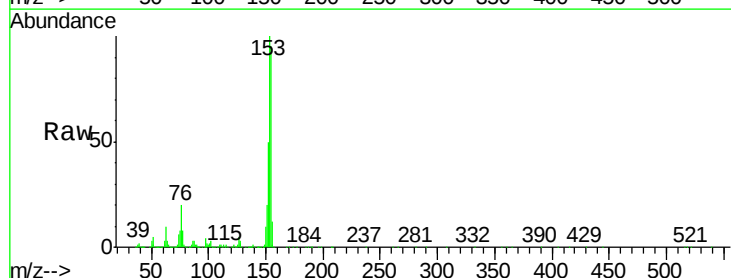
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-57-062916MSD

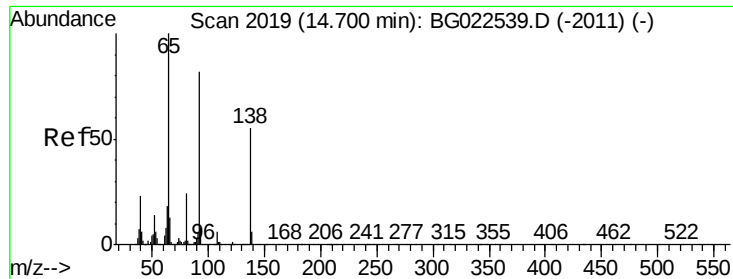
Tgt Ion:165 Resp: 380120
 Ion Ratio Lower Upper
 165 100
 63 66.6 64.3 96.5
 89 64.9 64.3 96.5



#51
 Acenaphthene
 Concen: 38.96 ng
 RT: 14.86 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: BG022887.D
 Acq: 6 Jul 2016 22:06

Tgt Ion:154 Resp: 1164293
 Ion Ratio Lower Upper
 154 100
 153 105.5 87.5 131.3
 152 53.3 42.7 64.1

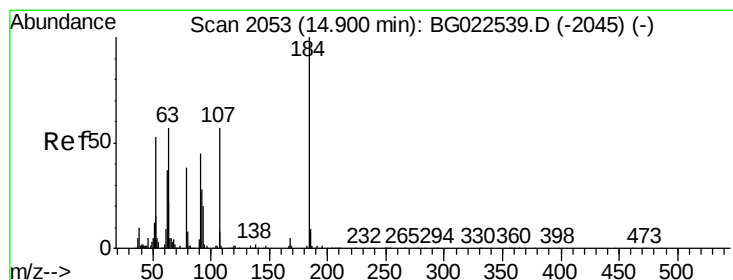
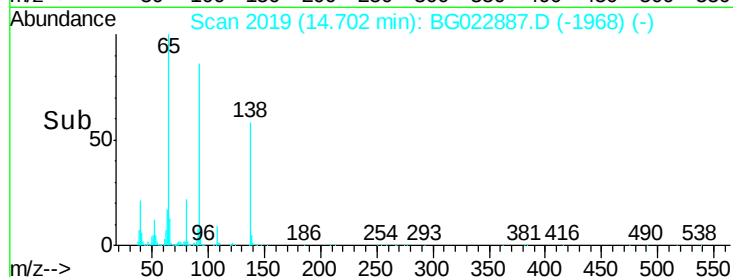
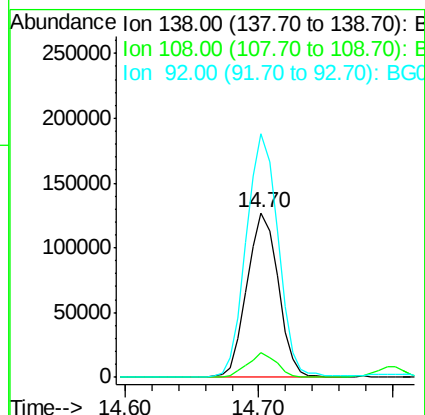
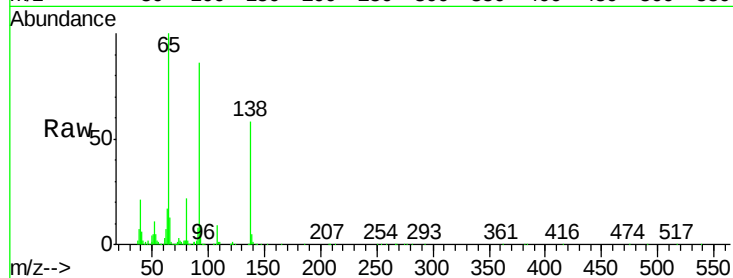




#52
3-Nitroaniline
Concen: 27.39 ng
RT: 14.70 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

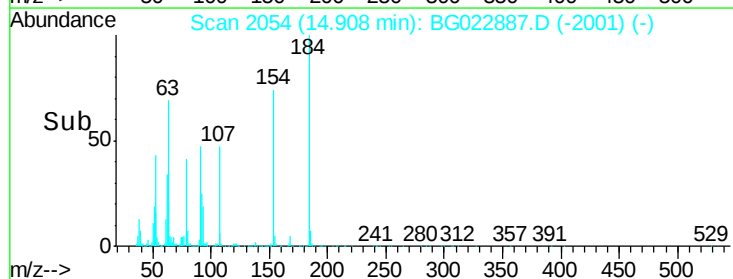
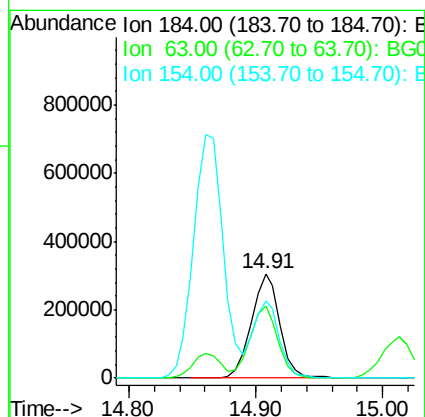
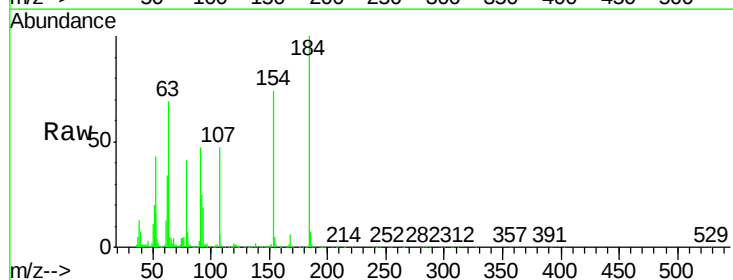
Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

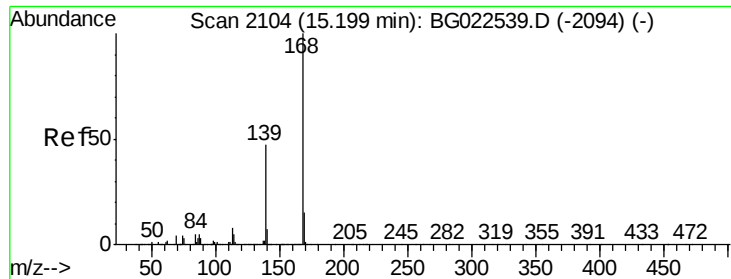
Tgt Ion:138 Resp: 206111
Ion Ratio Lower Upper
138 100
108 15.1 11.7 17.5
92 148.0 129.7 194.5



#53
2,4-Dinitrophenol
Concen: 95.37 ng
RT: 14.91 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion:184 Resp: 472450
Ion Ratio Lower Upper
184 100
63 69.4 59.6 89.4
154 73.9 67.4 101.0





#54

Dibenzofuran

Concen: 42.71 ng

RT: 15.20 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

Instrument :

BNA_G

ClientSampleId :

HSR-WC-57-062916MSD

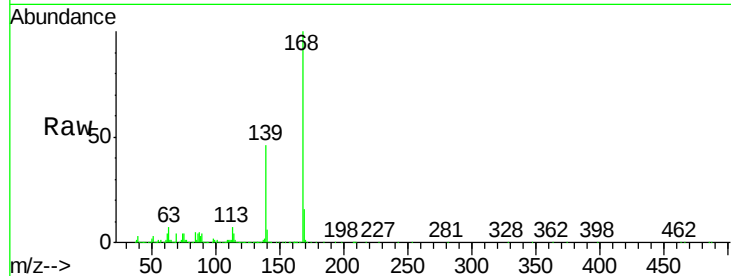
Tgt Ion:168 Resp: 1848327

Ion Ratio Lower Upper

168 100

139 45.8 36.4 54.6

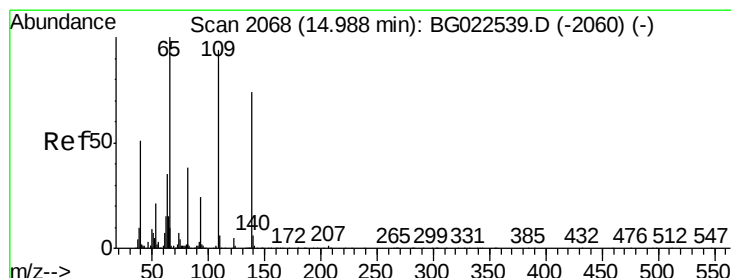
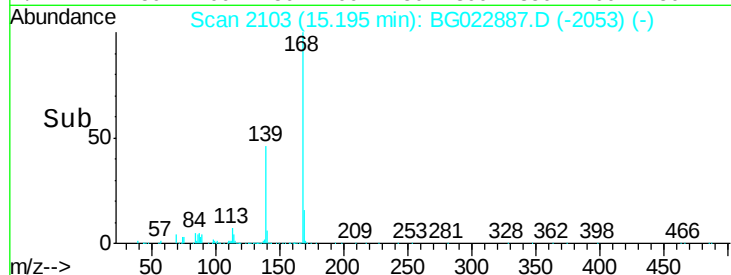
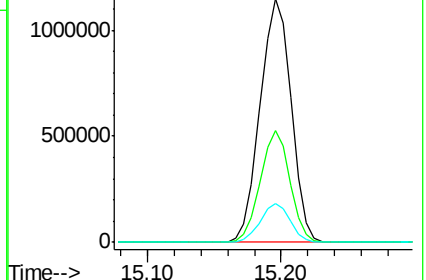
169 16.1 11.9 17.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 81.97 ng

RT: 15.01 min Scan# 2072

Delta R.T. 0.03 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

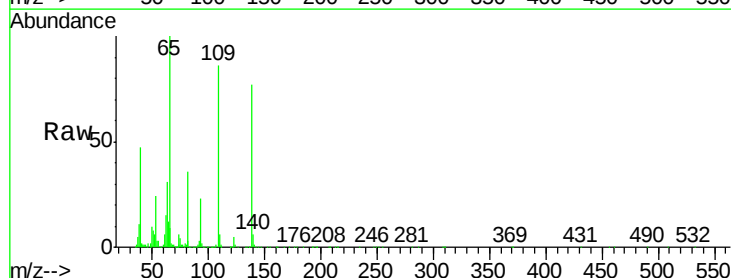
Tgt Ion:139 Resp: 521602

Ion Ratio Lower Upper

139 100

109 111.5 103.0 143.0

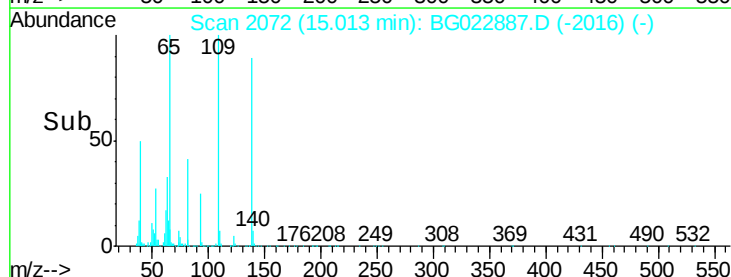
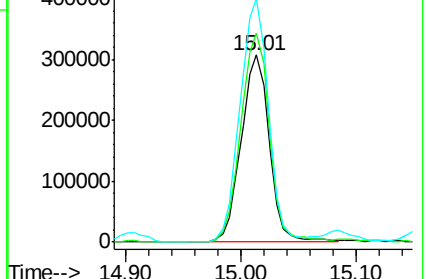
65 130.1 112.7 152.7

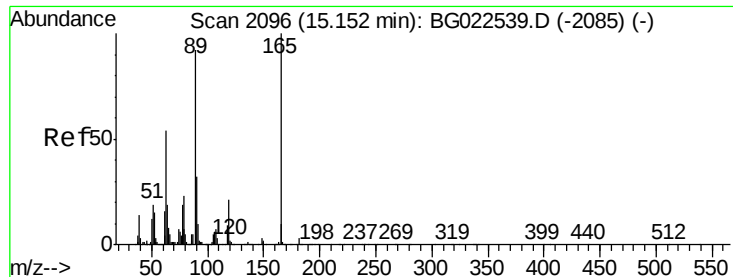


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

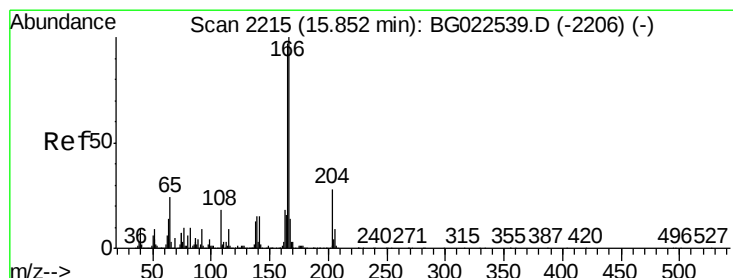
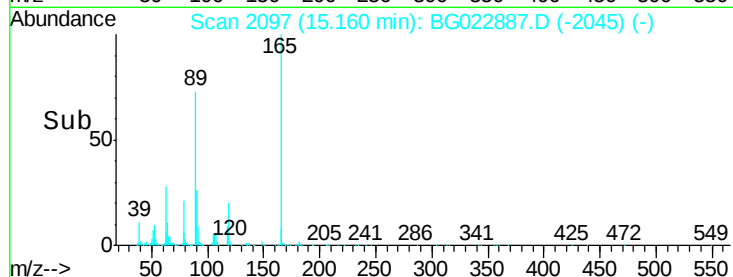
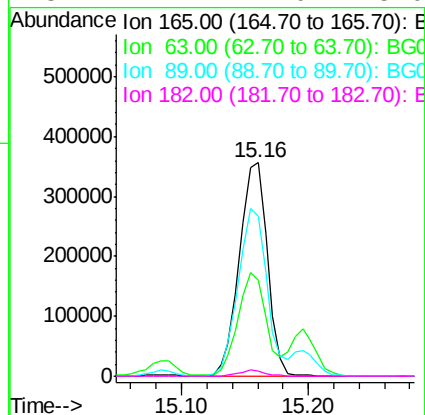
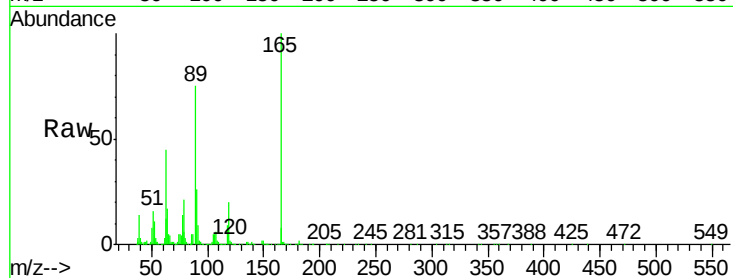




#56
2,4-Dinitrotoluene
Concen: 49.18 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

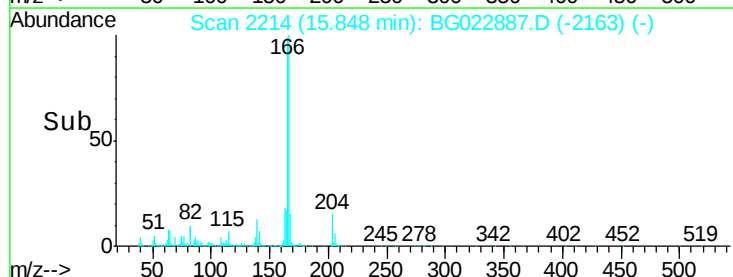
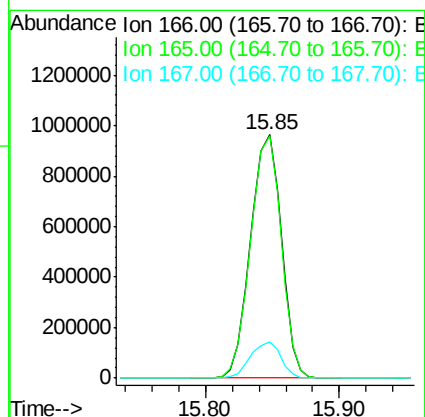
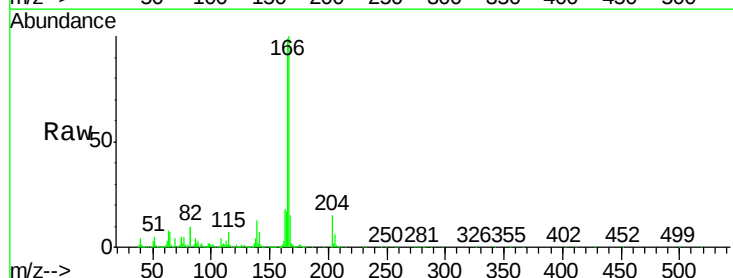
Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

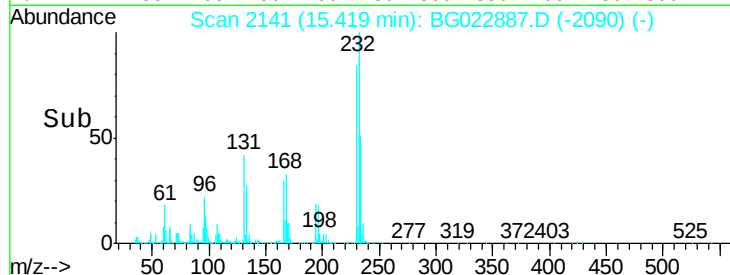
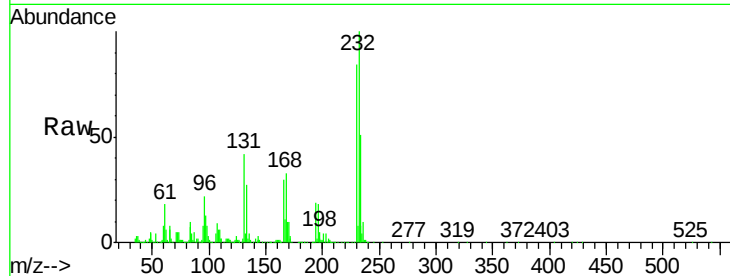
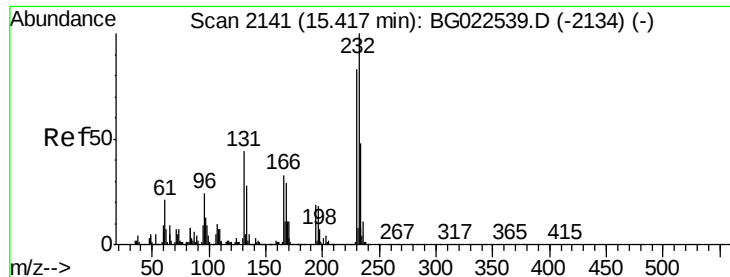
Tgt Ion:165 Resp: 547868
Ion Ratio Lower Upper
165 100
63 45.1 45.8 68.6#
89 75.0 68.6 102.8
182 2.4 2.0 3.0



#57
Fluorene
Concen: 44.41 ng
RT: 15.85 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion:166 Resp: 1533935
Ion Ratio Lower Upper
166 100
165 99.3 81.0 121.6
167 14.8 12.0 18.0

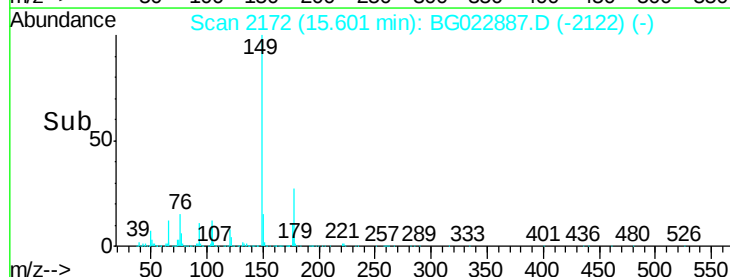
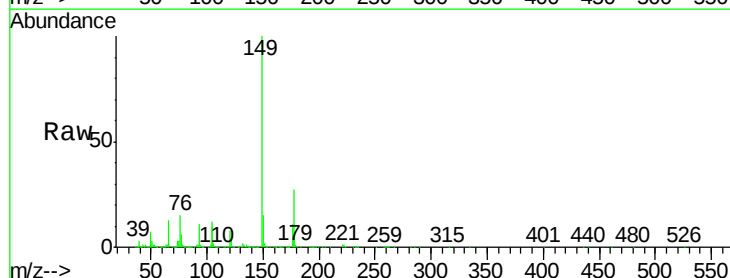
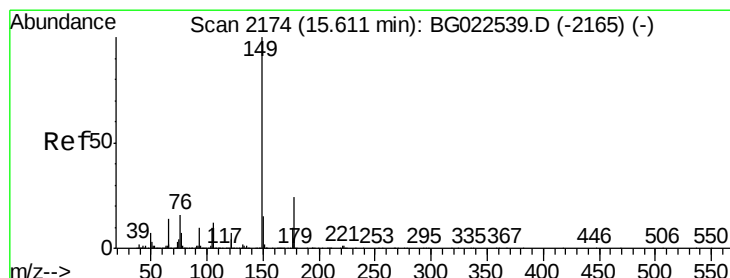
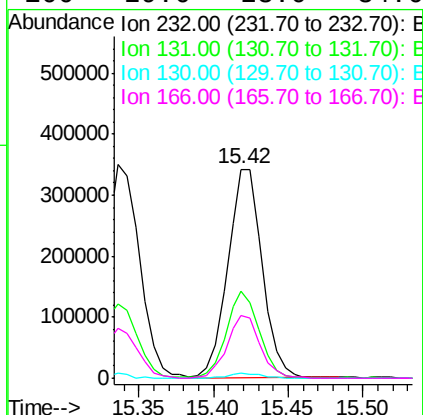




#58
2,3,4,6-Tetrachlorophenol
Concen: 46.78 ng
RT: 15.42 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

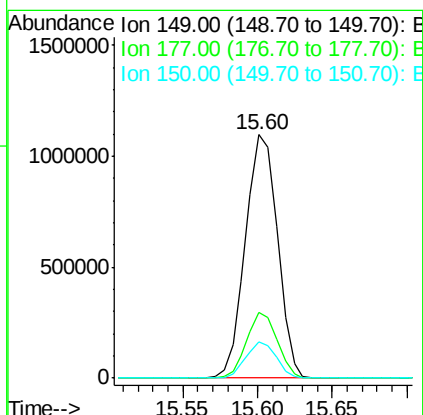
Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

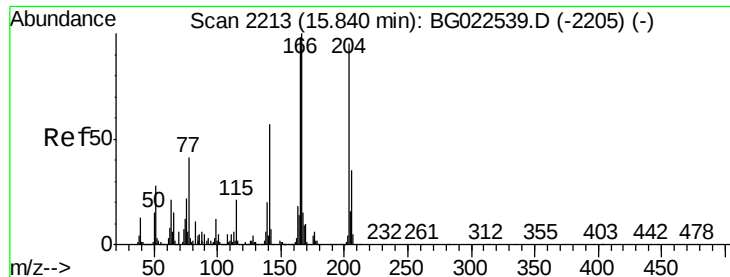
Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.2	32.7	49.1
130	2.4	2.6	3.8
166	29.6	23.0	34.6



#59
Diethylphthalate
Concen: 42.83 ng
RT: 15.60 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.8	19.2	28.8
150	15.0	10.6	16.0

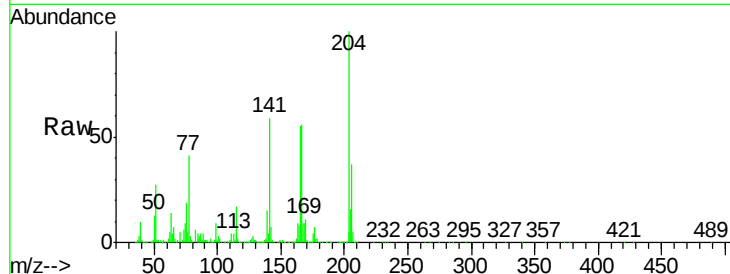




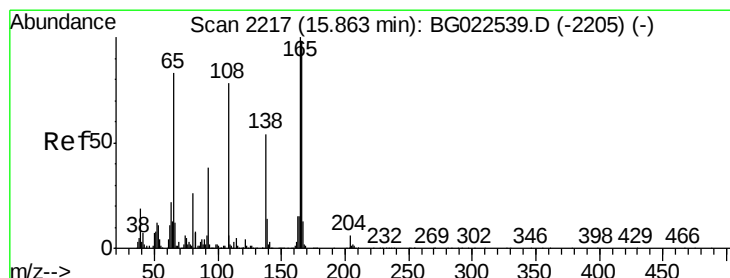
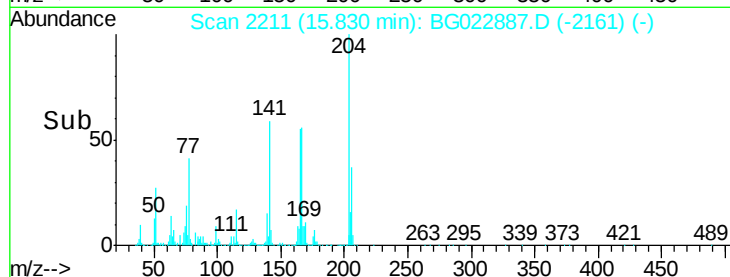
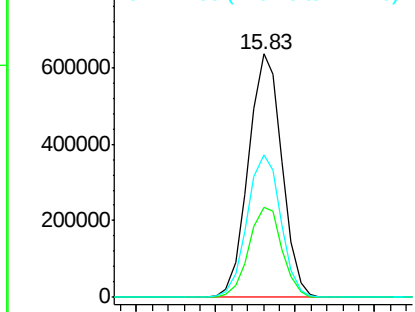
#60
4-Chlorophenyl-phenylether
Concen: 45.43 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

Tgt Ion:204 Resp: 934125
Ion Ratio Lower Upper
204 100
206 37.0 28.5 42.7
141 58.5 51.4 77.0

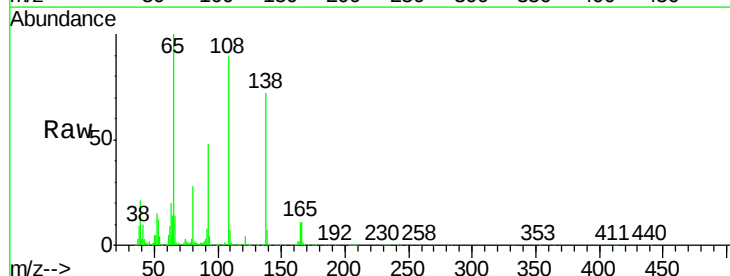


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

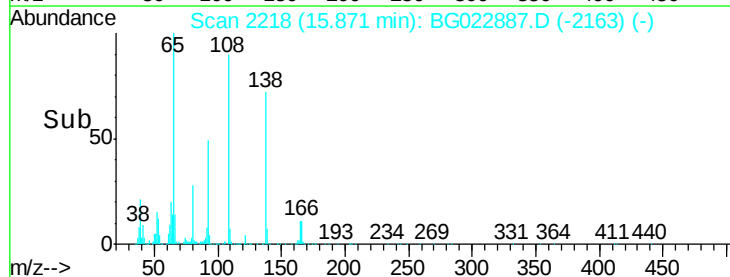
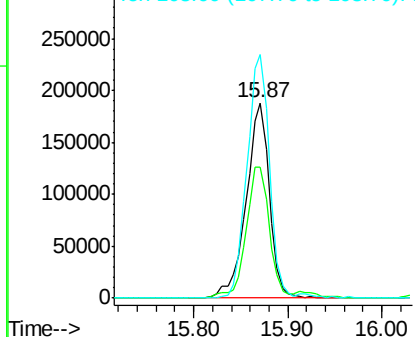


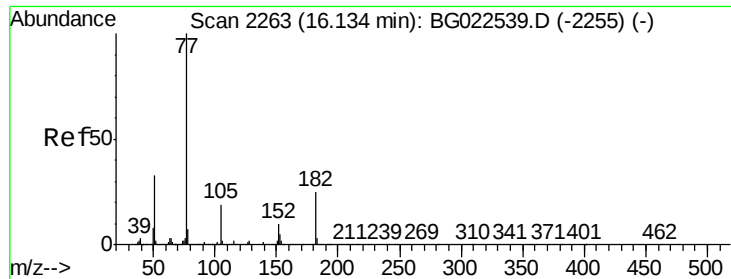
#61
4-Nitroaniline
Concen: 41.54 ng
RT: 15.87 min Scan# 2218
Delta R.T. 0.02 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion:138 Resp: 322525
Ion Ratio Lower Upper
138 100
92 67.2 54.1 94.1
108 124.6 133.9 173.9#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

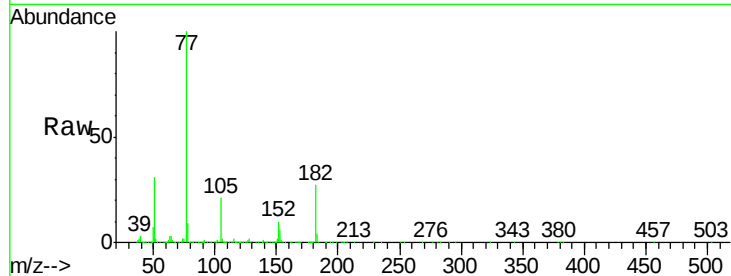




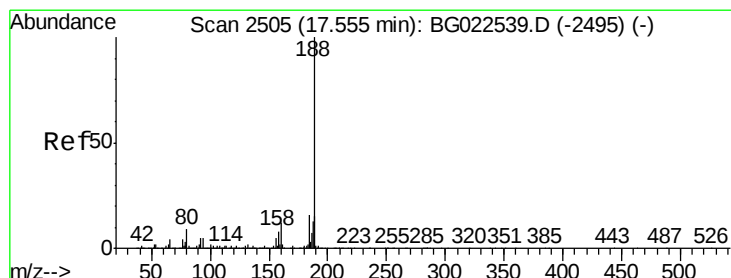
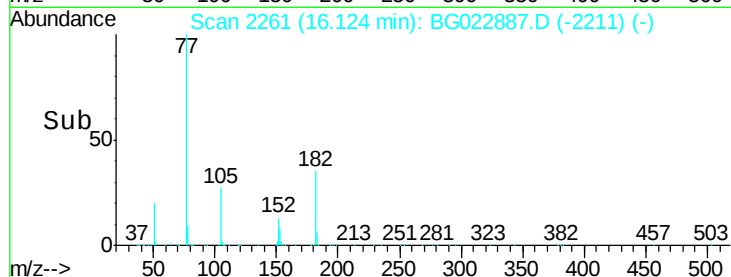
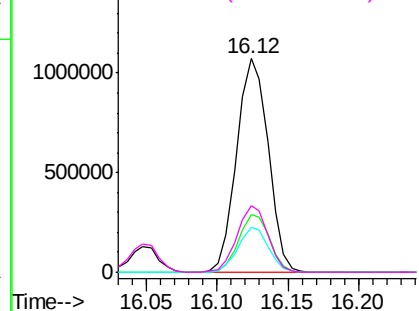
#62
Azobenzene
Concen: 40.54 ng
RT: 16.12 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

Tgt Ion: 77 Resp: 1670586
Ion Ratio Lower Upper
77 100
182 26.7 3.5 43.5
105 20.8 0.0 38.5
51 31.2 17.1 57.1

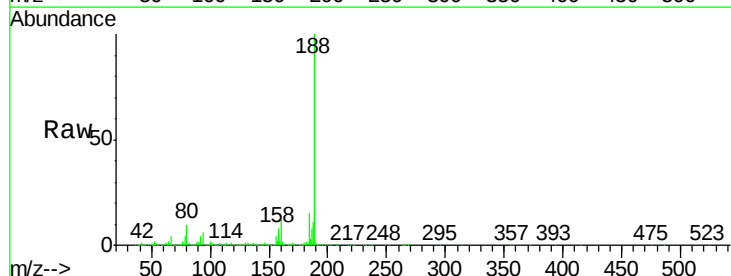


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

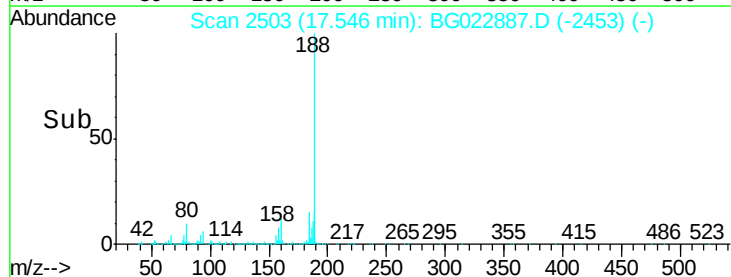
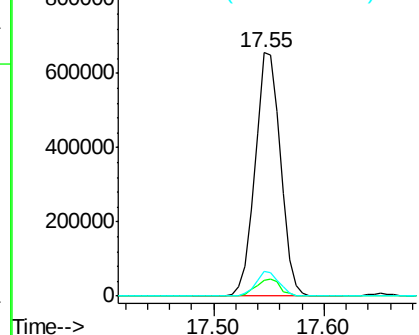


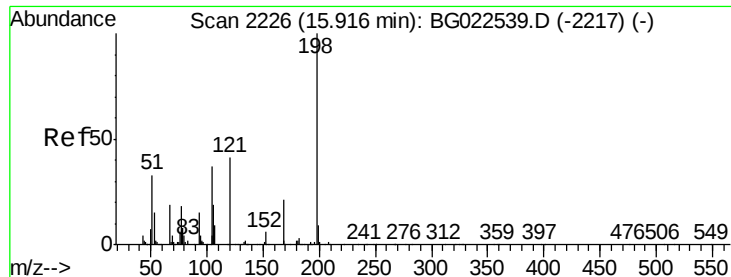
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion: 188 Resp: 1058456
Ion Ratio Lower Upper
188 100
94 6.5 5.2 7.8
80 10.0 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

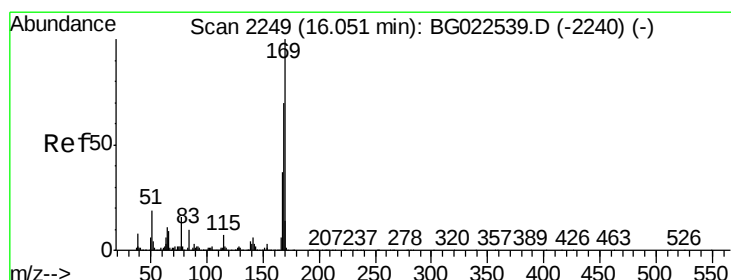
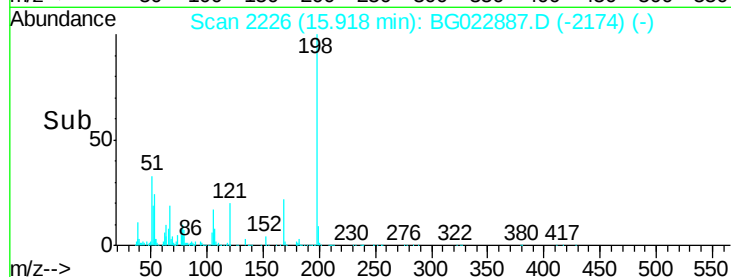
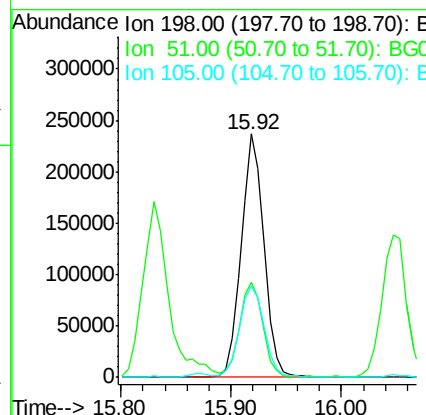
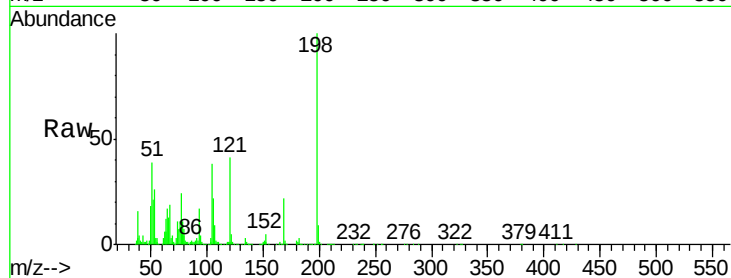




#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.42 ng
 RT: 15.92 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BG022887.D
 Acq: 6 Jul 2016 22:06

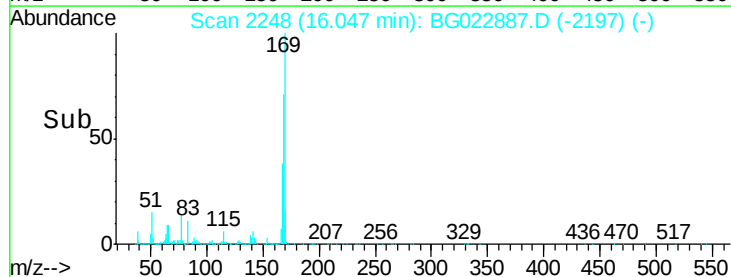
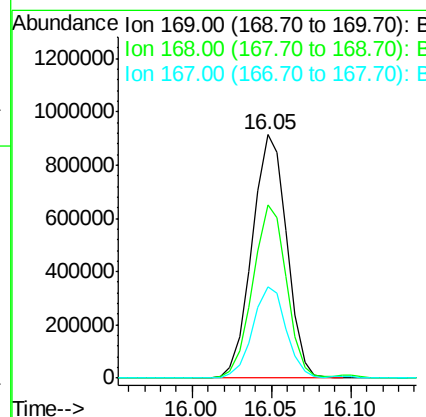
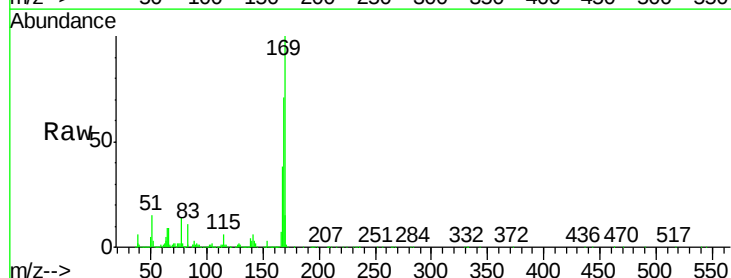
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-57-062916MSD

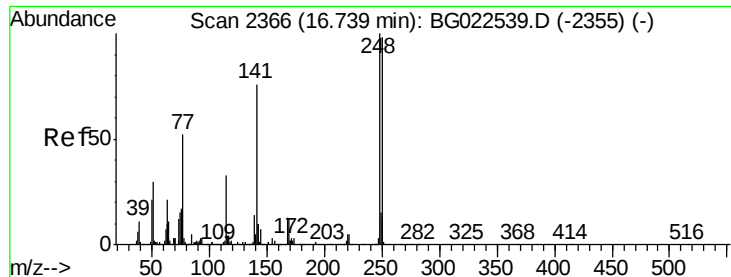
Tgt Ion:198 Resp: 343733
 Ion Ratio Lower Upper
 198 100
 51 39.0 26.0 66.0
 105 37.7 20.1 60.1



#65
 n-Nitrosodiphenylamine
 Concen: 45.06 ng
 RT: 16.05 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BG022887.D
 Acq: 6 Jul 2016 22:06

Tgt Ion:169 Resp: 1388063
 Ion Ratio Lower Upper
 169 100
 168 71.1 55.0 82.4
 167 37.6 27.4 41.0

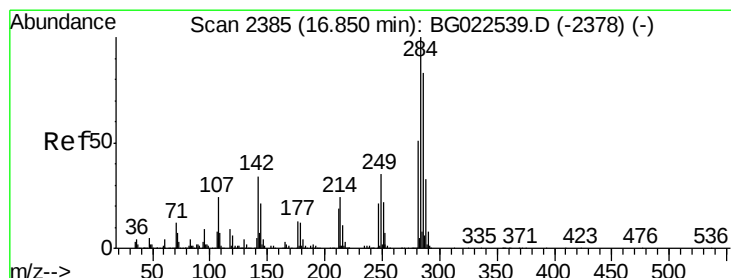
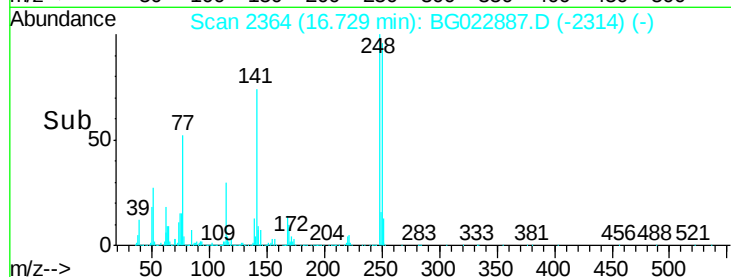
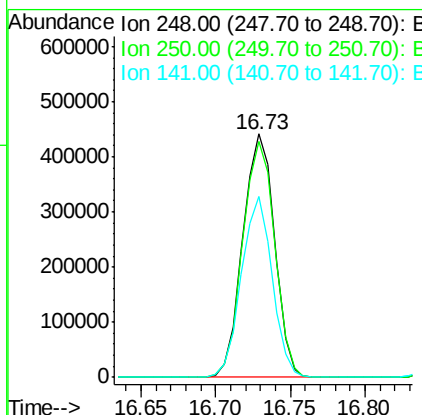
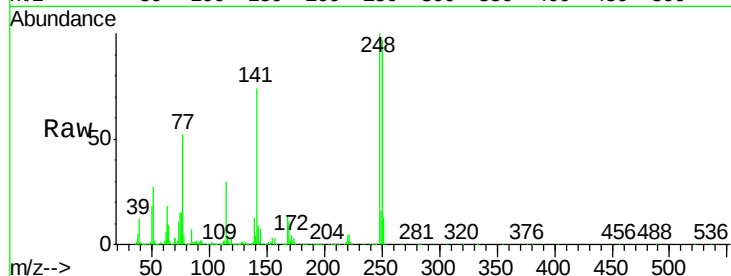




#66
4-Bromophenyl-phenylether
Concen: 47.19 ng
RT: 16.73 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

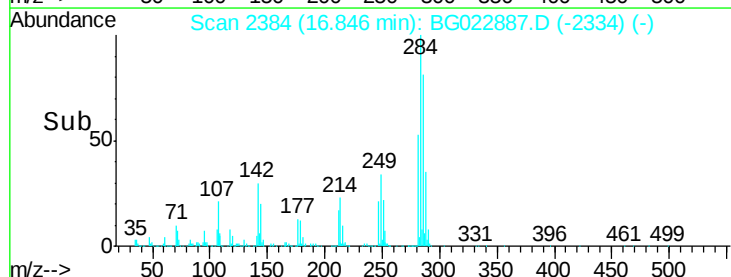
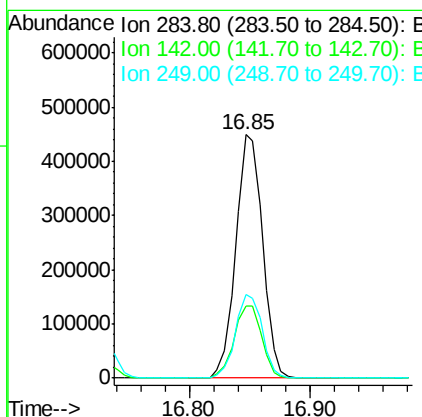
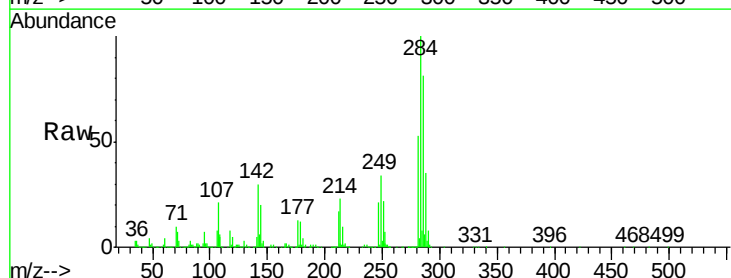
Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

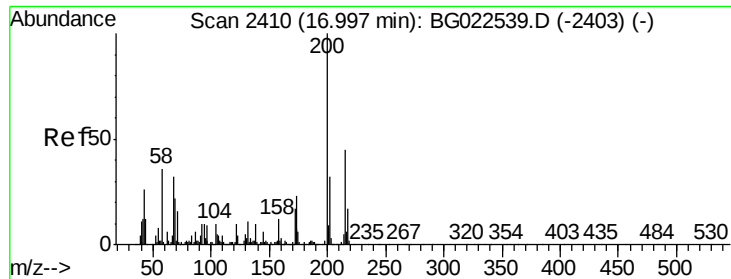
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.8	116.8
141	74.2	65.7	98.5



#67
Hexachlorobenzene
Concen: 47.70 ng
RT: 16.85 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	26.8	40.2
249	34.3	28.9	43.3

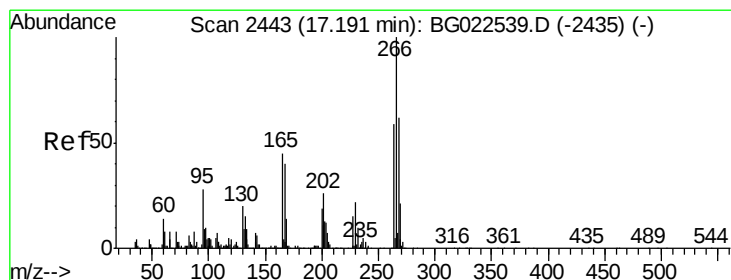
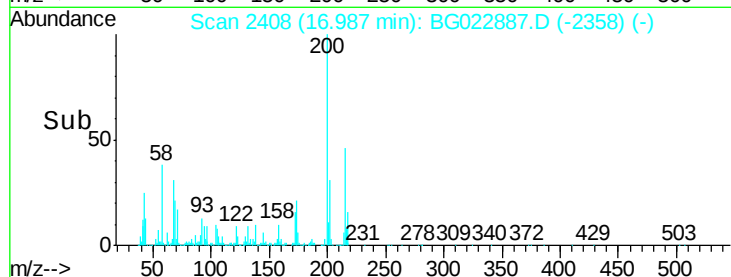
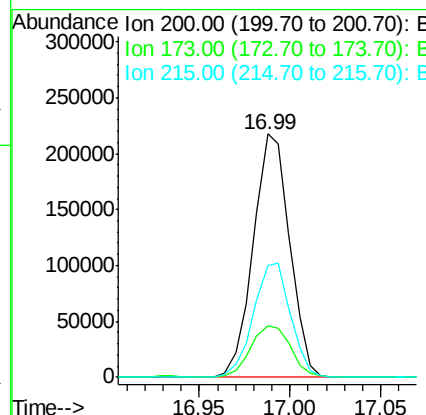
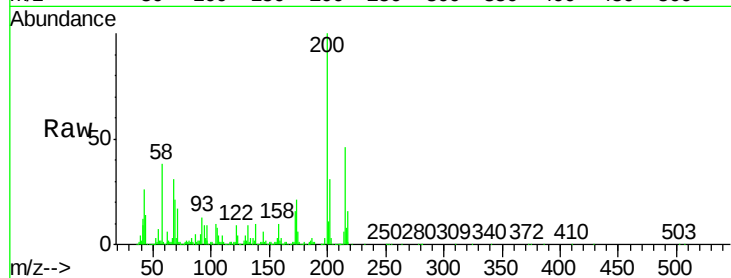




#68
Atrazine
Concen: 23.40 ng
RT: 16.99 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

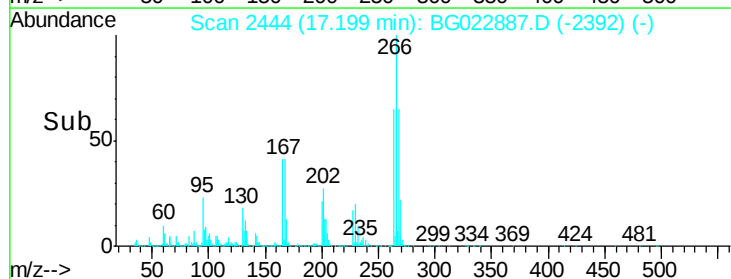
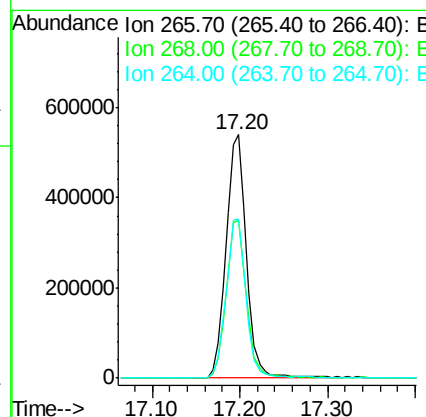
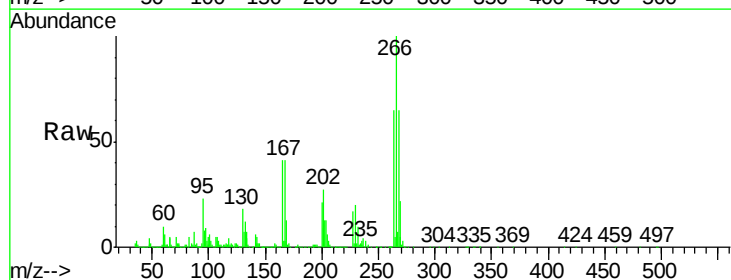
Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

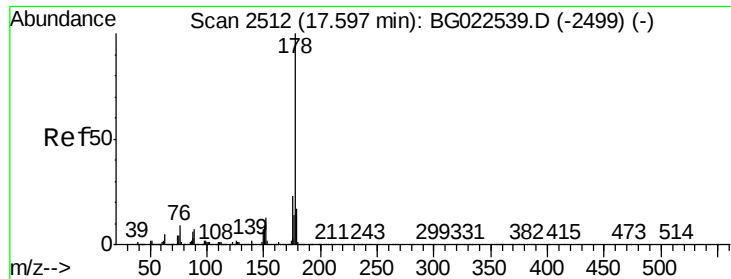
Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.4	1.6	41.6
215	46.1	28.7	68.7



#69
Pentachlorophenol
Concen: 87.13 ng
RT: 17.20 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.9	77.9
264	65.3	50.6	75.8

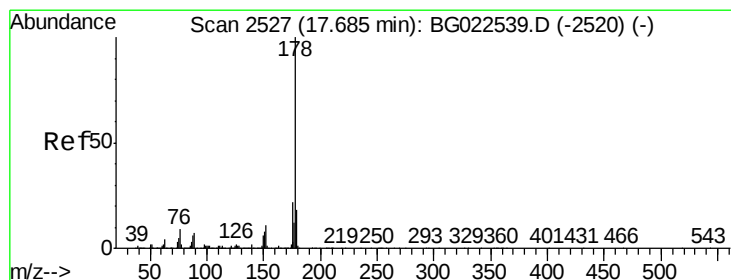
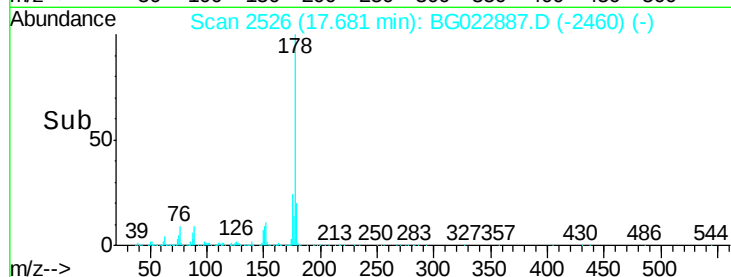
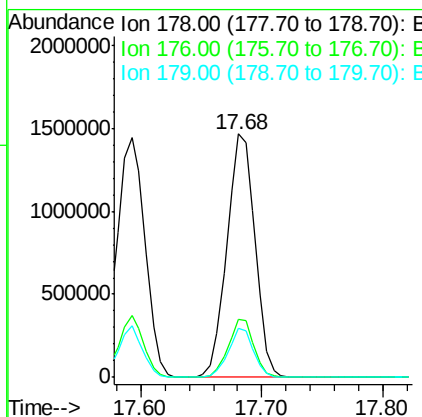
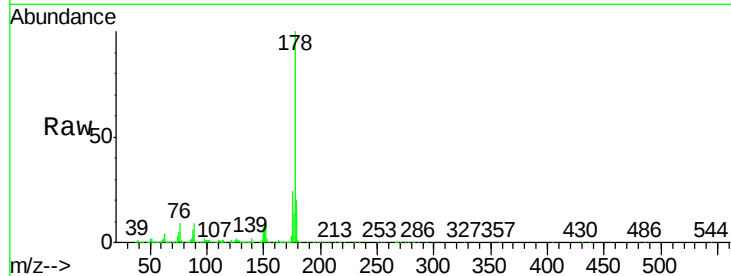




#70
Phenanthrene
Concen: 43.77 ng
RT: 17.68 min Scan# 2526
Delta R.T. 0.09 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

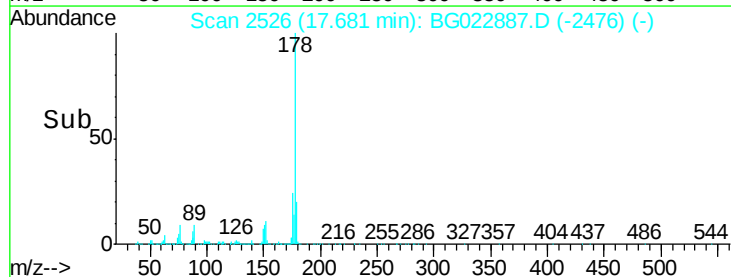
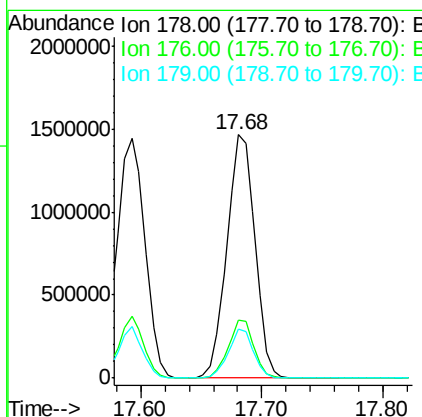
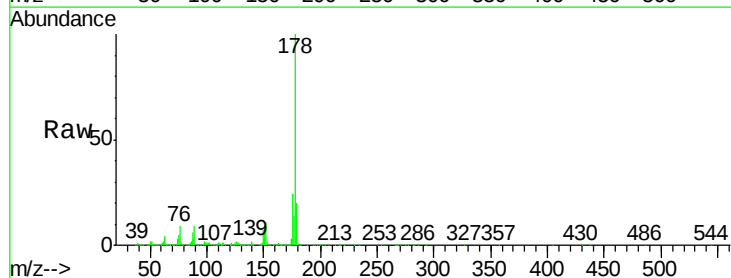
Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

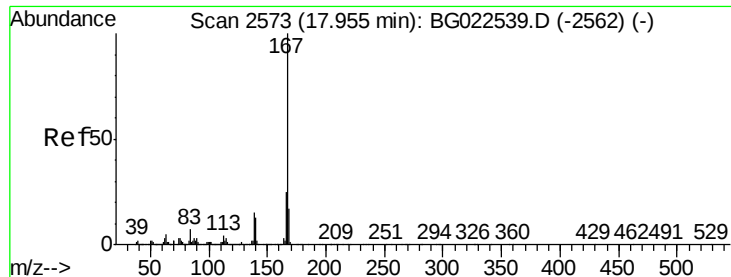
Tgt Ion:178 Resp: 2362538
Ion Ratio Lower Upper
178 100
176 23.7 16.8 25.2
179 20.0 14.3 21.5



#71
Anthracene
Concen: 42.53 ng
RT: 17.68 min Scan# 2526
Delta R.T. -0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion:178 Resp: 2362538
Ion Ratio Lower Upper
178 100
176 23.7 17.3 25.9
179 20.0 14.0 21.0





#72

Carbazole

Concen: 41.98 ng

RT: 17.95 min Scan# 2572

Delta R.T. 0.00 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

Instrument :

BNA_G

ClientSampleId :

HSR-WC-57-062916MSD

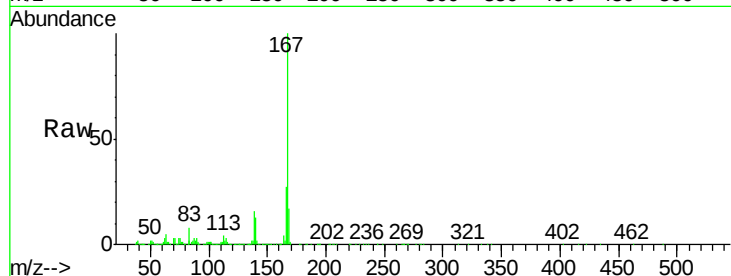
Tgt Ion:167 Resp: 1977067

Ion Ratio Lower Upper

167 100

166 26.8 20.7 31.1

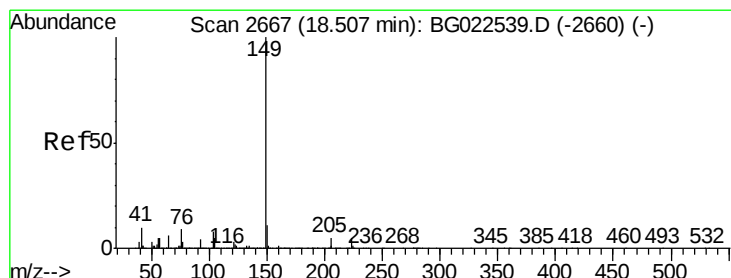
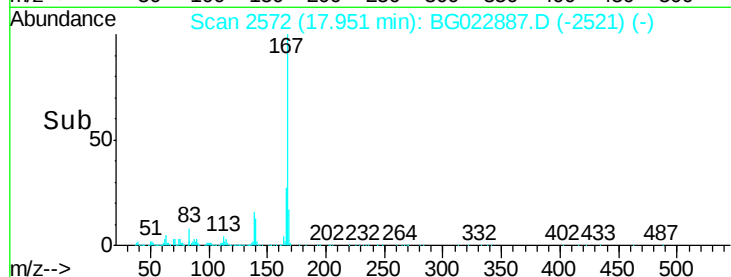
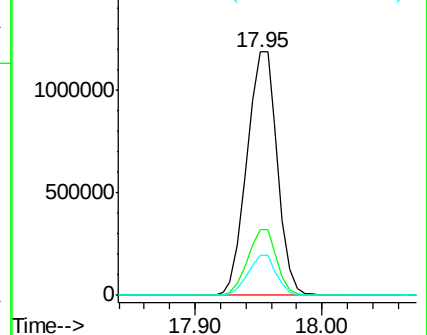
139 16.4 11.9 17.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.89 ng

RT: 18.49 min Scan# 2664

Delta R.T. -0.02 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

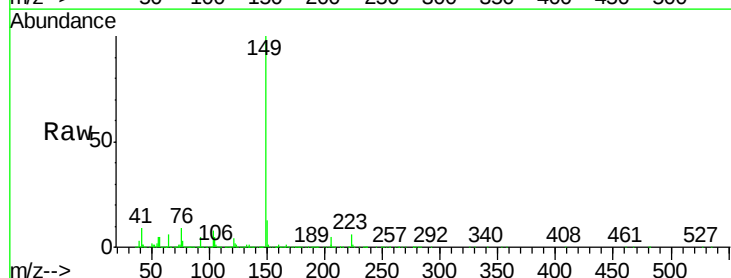
Tgt Ion:149 Resp: 2297007

Ion Ratio Lower Upper

149 100

150 12.8 9.1 13.7

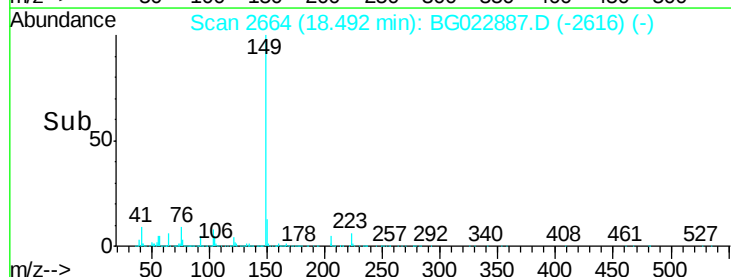
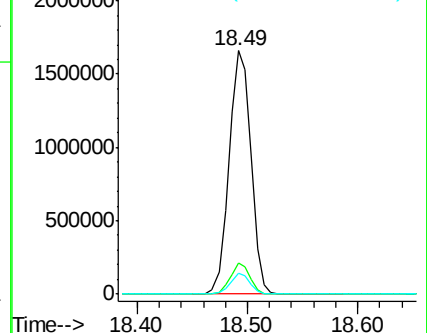
104 8.3 6.9 10.3

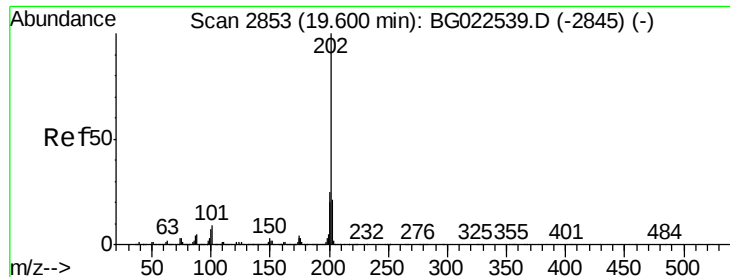


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 42.18 ng

RT: 19.60 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

Instrument :

BNA_G

ClientSampleId :

HSR-WC-57-062916MSD

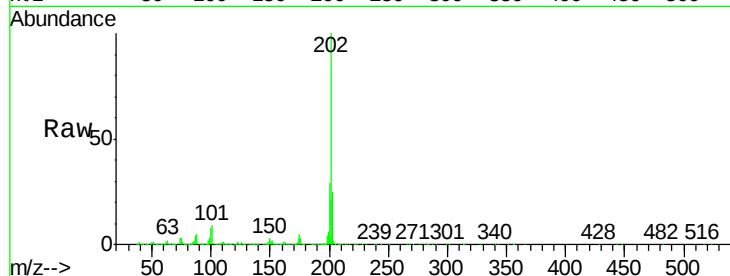
Tgt Ion:202 Resp: 2622905

Ion Ratio Lower Upper

202 100

101 9.1 0.0 27.4

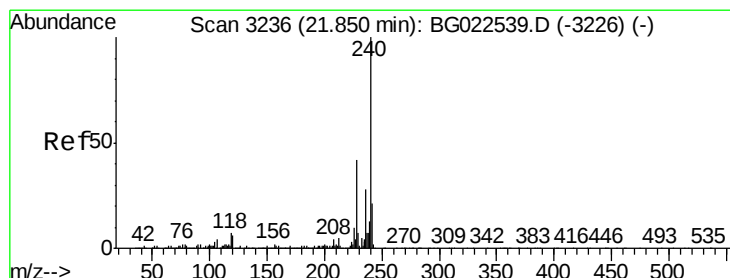
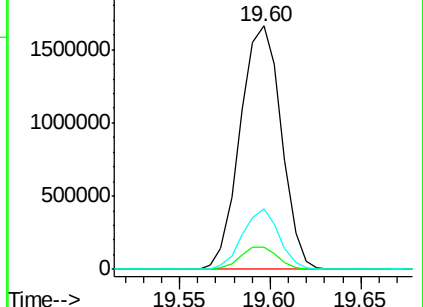
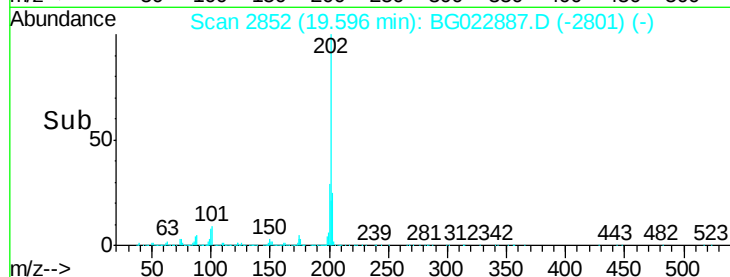
203 24.9 1.7 41.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3235

Delta R.T. 0.00 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

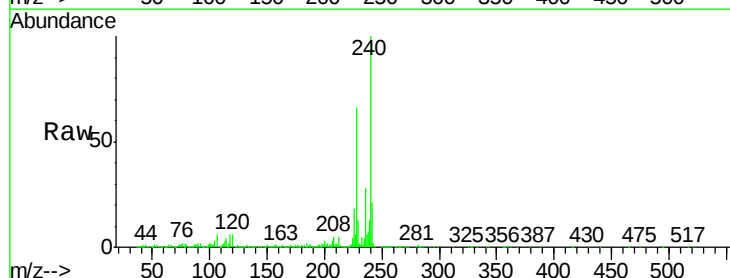
Tgt Ion:240 Resp: 1145768

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

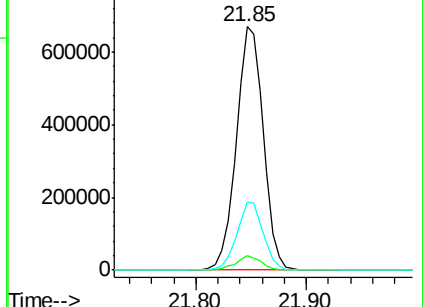
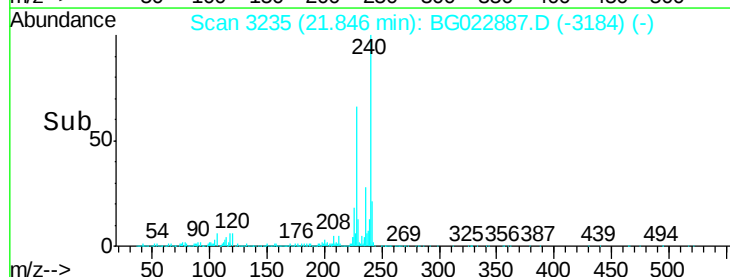
236 28.2 21.1 31.7

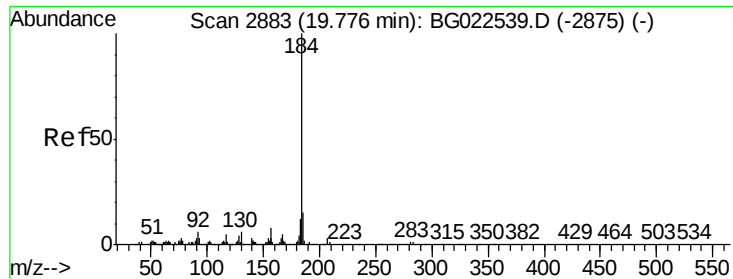


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 8.31 ng

RT: 19.79 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

Instrument :

BNA_G

ClientSampleId :

HSR-WC-57-062916MSD

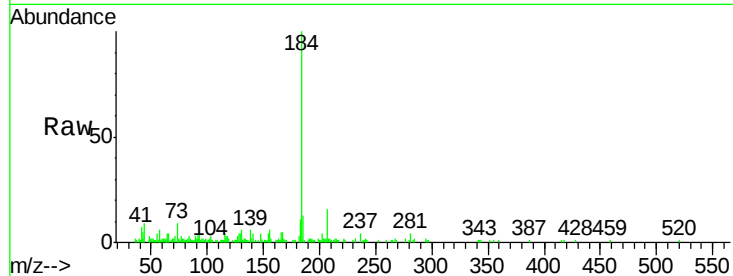
Tgt Ion:184 Resp: 101418

Ion Ratio Lower Upper

184 100

185 13.3 12.6 19.0

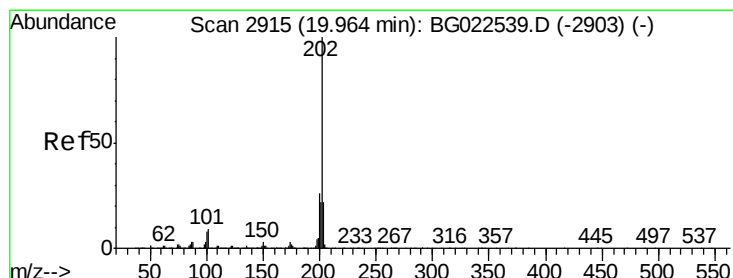
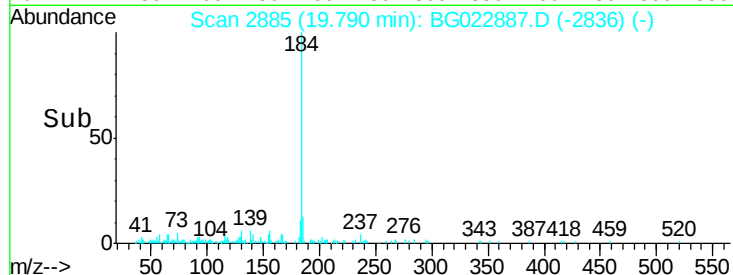
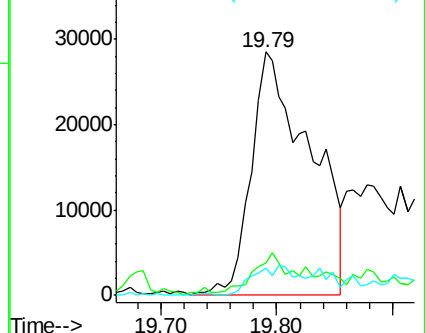
183 11.0 10.7 16.1



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: 43.56 ng

RT: 19.95 min Scan# 2913

Delta R.T. -0.00 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

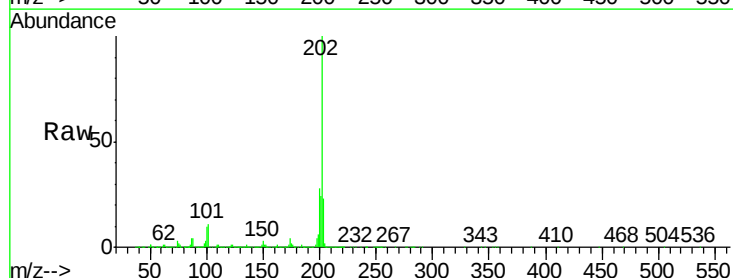
Tgt Ion:202 Resp: 2658226

Ion Ratio Lower Upper

202 100

200 27.8 21.2 31.8

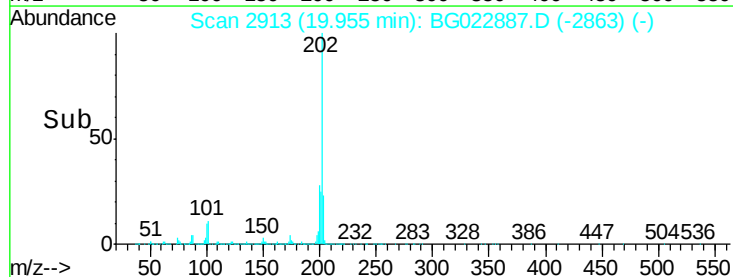
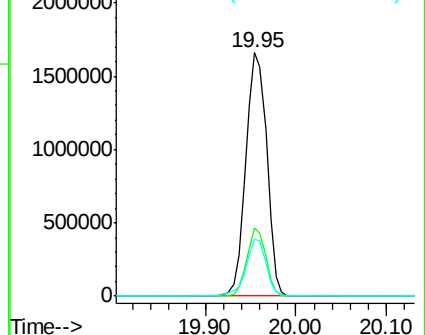
203 23.3 16.8 25.2

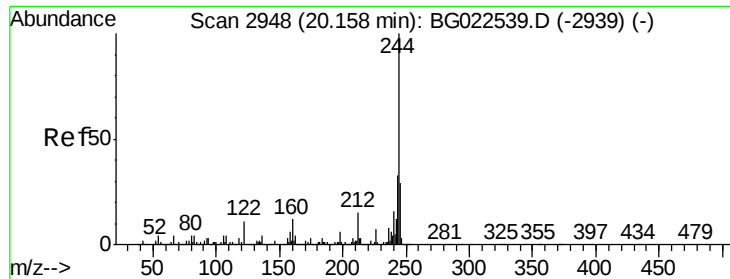


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 75.66 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

Instrument :

BNA_G

ClientSampleId :

HSR-WC-57-062916MSD

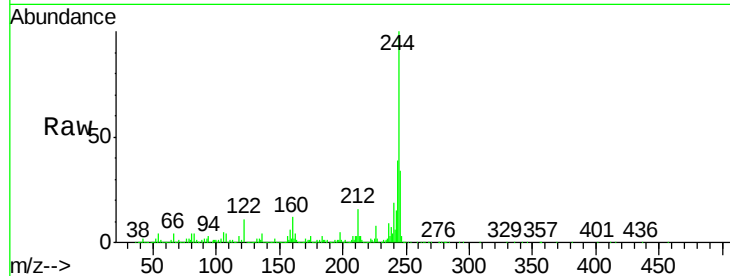
Tgt Ion:244 Resp: 3271973

Ion Ratio Lower Upper

244 100

212 15.5 10.8 16.2

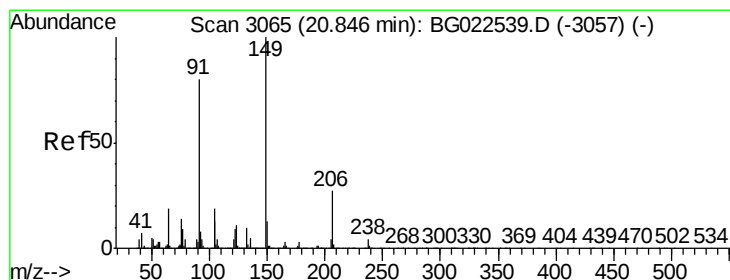
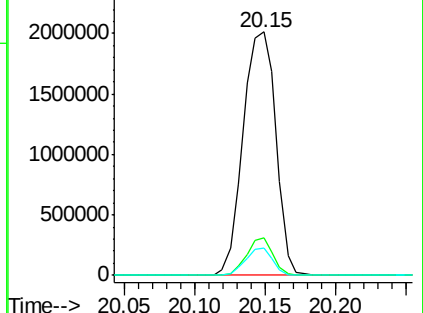
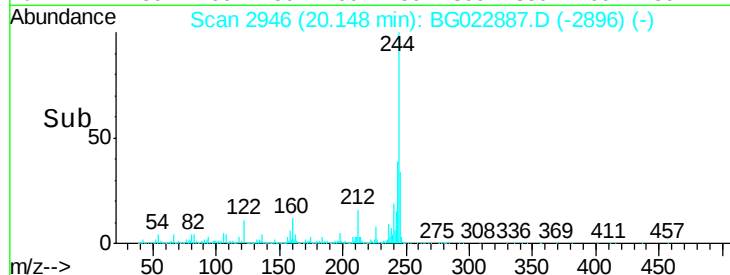
122 11.4 8.0 12.0



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: 45.12 ng

RT: 20.83 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

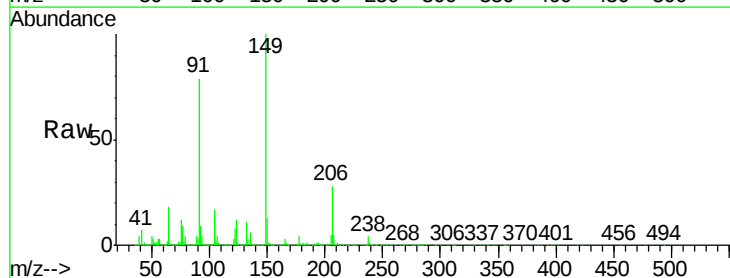
Tgt Ion:149 Resp: 1191992

Ion Ratio Lower Upper

149 100

91 79.1 68.1 102.1

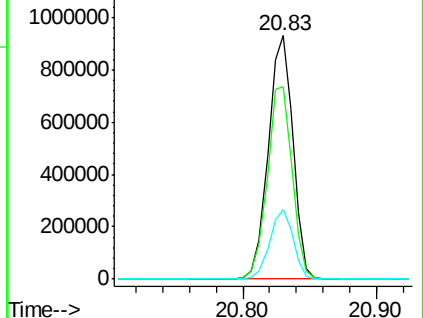
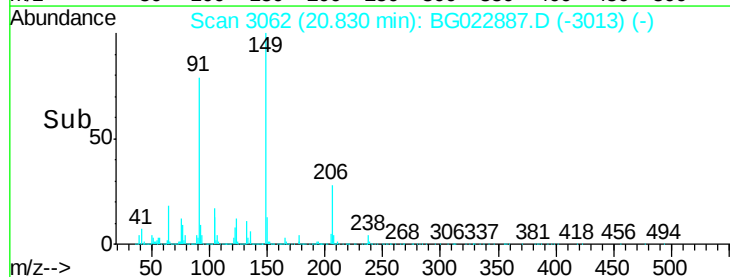
206 28.4 19.8 29.6

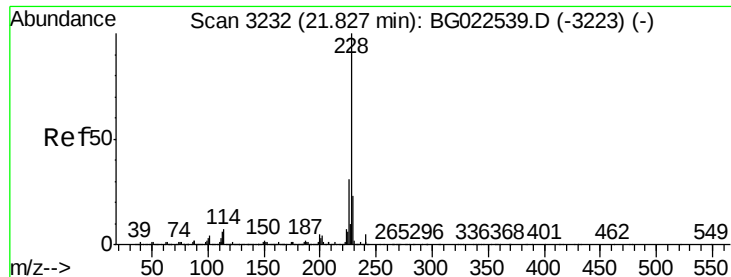


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

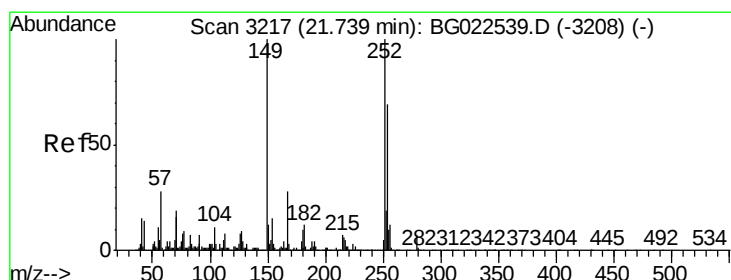
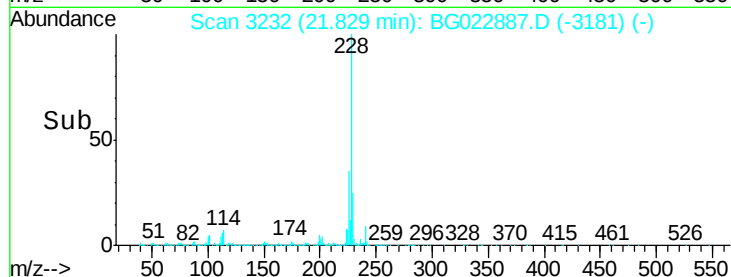
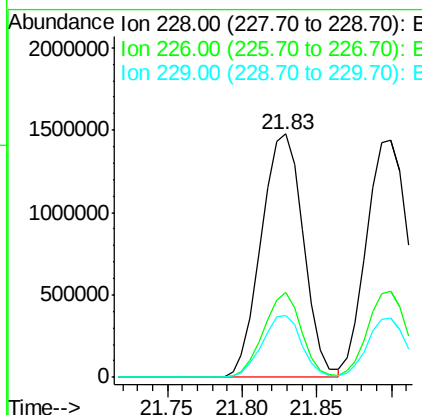
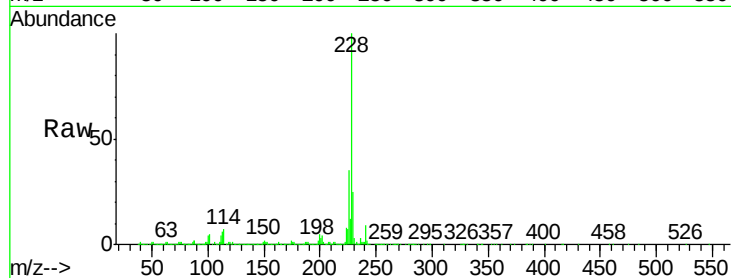




#80
Benzo(a)anthracene
Concen: 45.83 ng
RT: 21.83 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

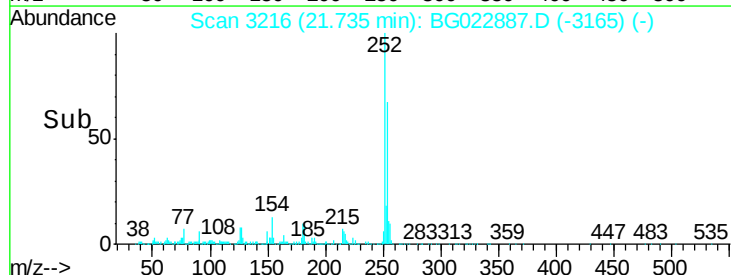
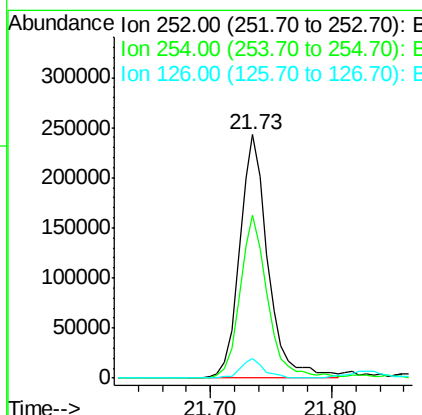
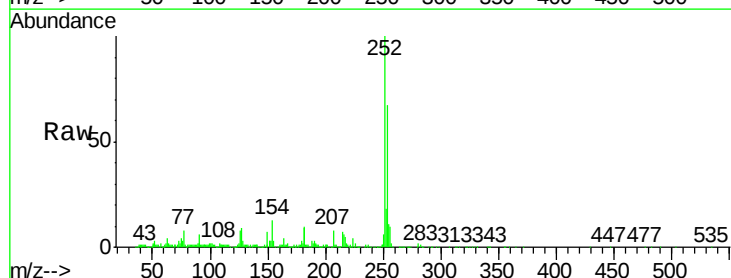
Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

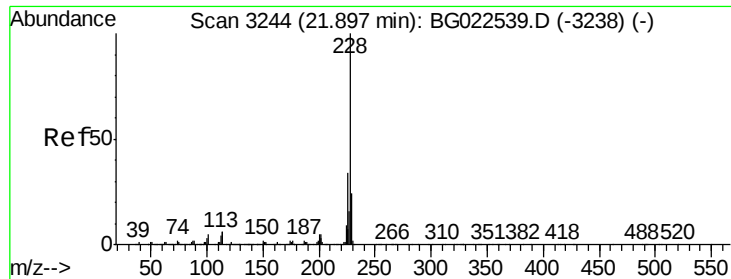
Tgt Ion:228 Resp: 2905379
Ion Ratio Lower Upper
228 100
226 34.8 25.3 37.9
229 25.4 19.9 29.9



#81
3,3'-Dichlorobenzidine
Concen: 15.09 ng
RT: 21.73 min Scan# 3216
Delta R.T. 0.00 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion:252 Resp: 395225
Ion Ratio Lower Upper
252 100
254 66.8 51.2 76.8
126 7.8 5.3 7.9





#82

Chrysene

Concen: 46.01 ng

RT: 21.90 min Scan# 3244

Delta R.T. 0.01 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

Instrument :

BNA_G

ClientSampleId :

HSR-WC-57-062916MSD

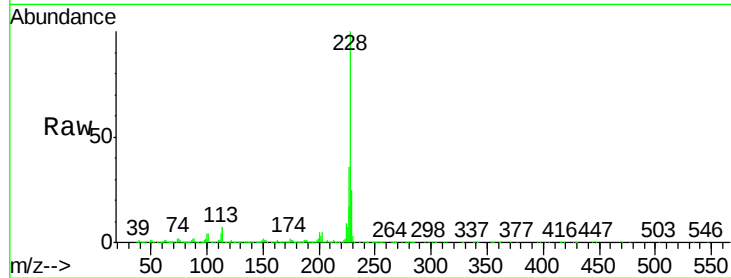
Tgt Ion:228 Resp: 2740837

Ion Ratio Lower Upper

228 100

226 36.3 26.7 40.1

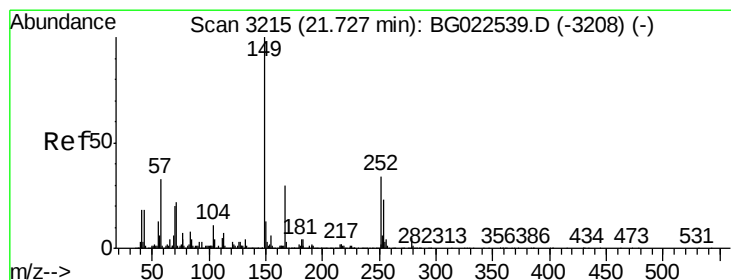
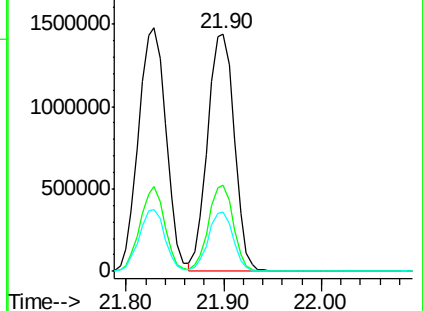
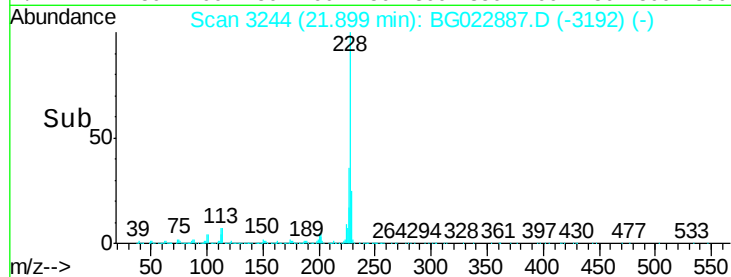
229 24.8 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 43.17 ng

RT: 21.71 min Scan# 3211

Delta R.T. -0.02 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

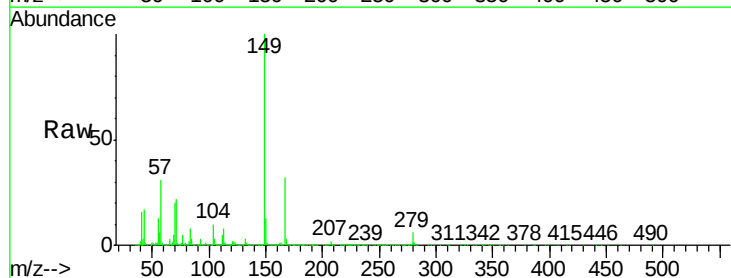
Tgt Ion:149 Resp: 1605751

Ion Ratio Lower Upper

149 100

167 31.8 24.0 36.0

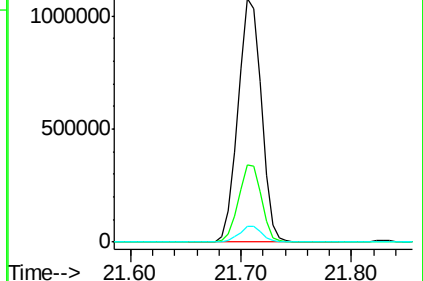
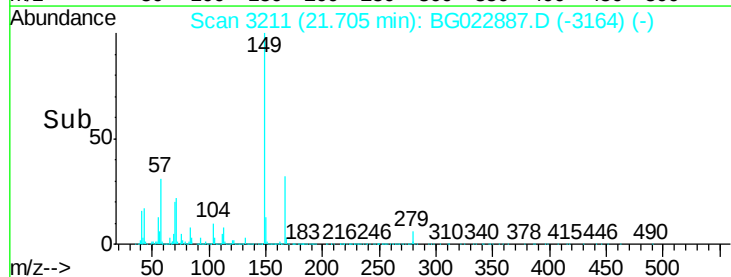
279 6.3 4.8 7.2

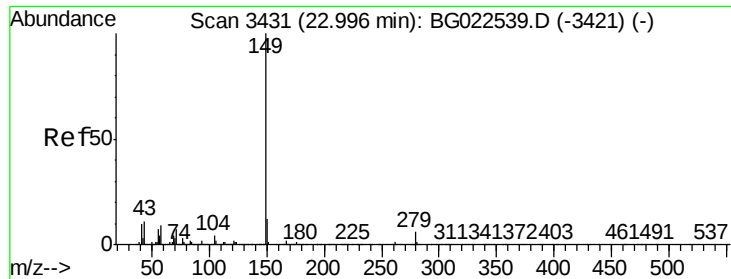


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 43.03 ng

RT: 22.97 min Scan# 3426

Delta R.T. -0.02 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

Instrument :

BNA_G

ClientSampleId :

HSR-WC-57-062916MSD

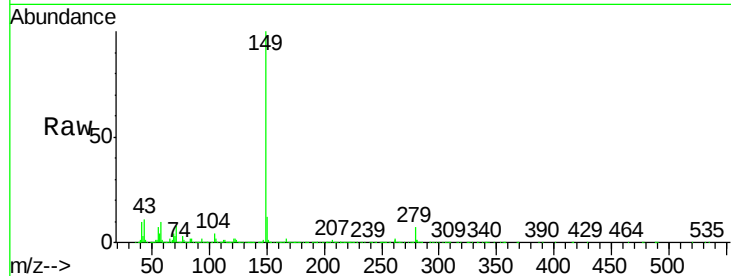
Tgt Ion:149 Resp: 2638490

Ion Ratio Lower Upper

149 100

167 2.1 1.5 2.3

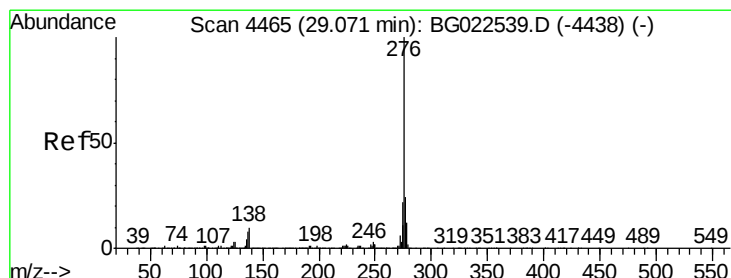
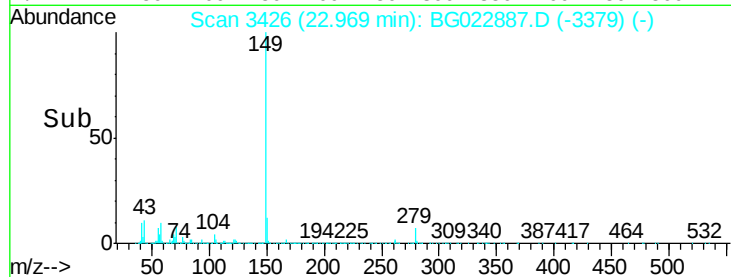
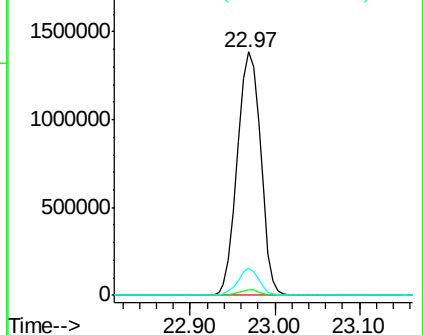
43 9.9 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 45.08 ng

RT: 29.07 min Scan# 4465

Delta R.T. 0.02 min

Lab File: BG022887.D

Acq: 6 Jul 2016 22:06

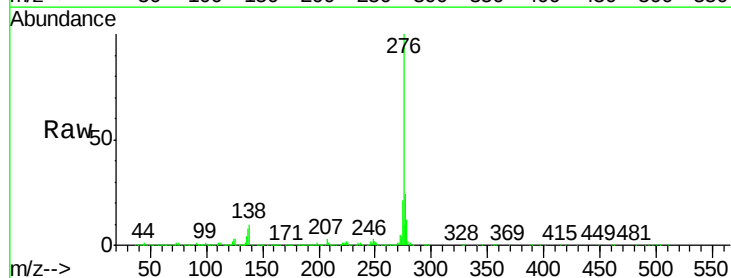
Tgt Ion:276 Resp: 3529354

Ion Ratio Lower Upper

276 100

138 7.2 0.0 0.0#

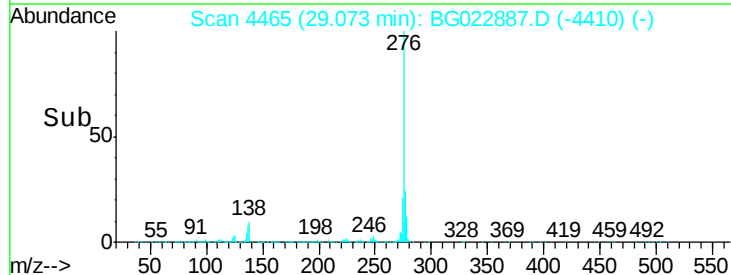
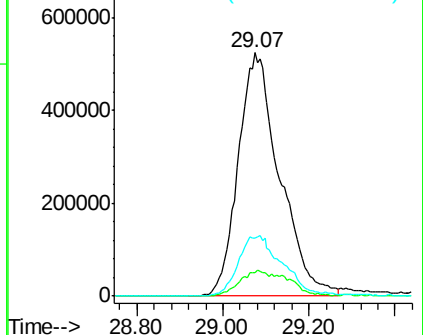
277 26.5 0.0 0.0#

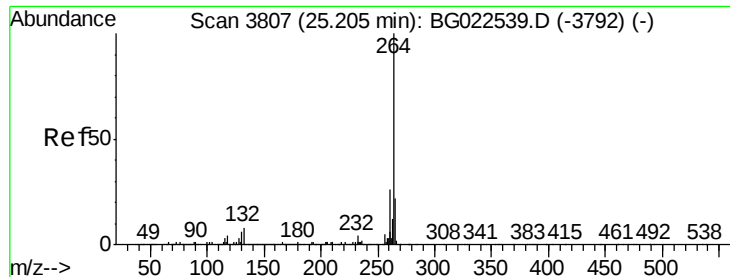


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



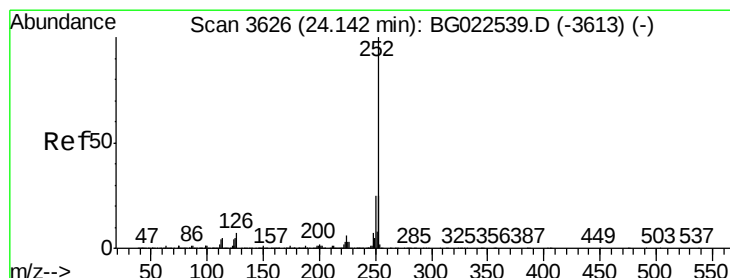
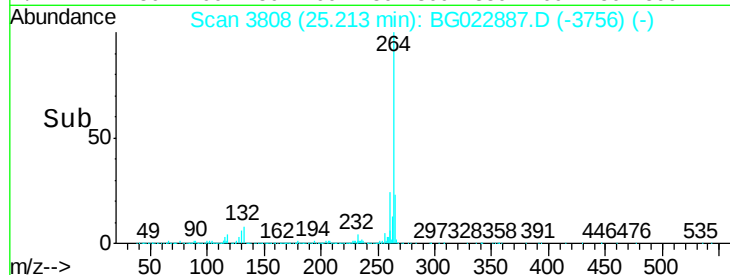
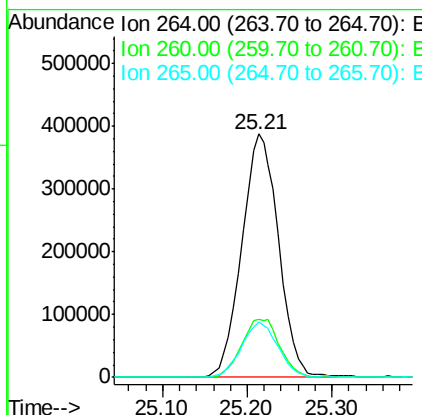
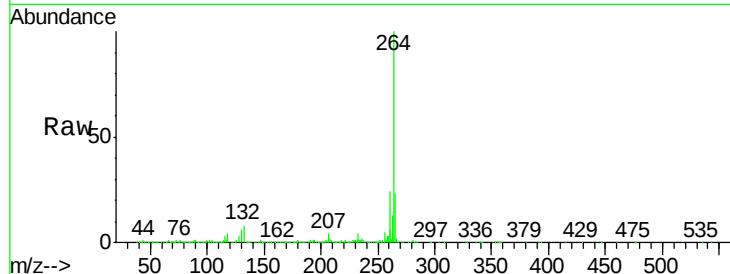


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. 0.01 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

Tgt Ion:264 Resp: 1165486

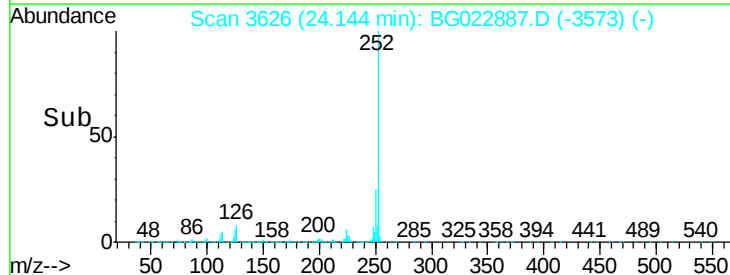
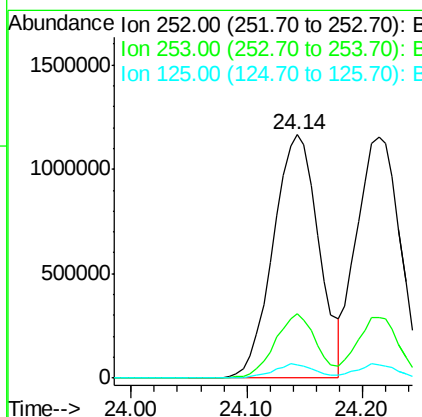
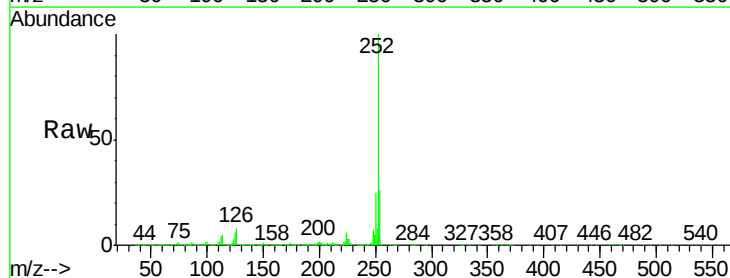
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	22.6	18.9	28.3

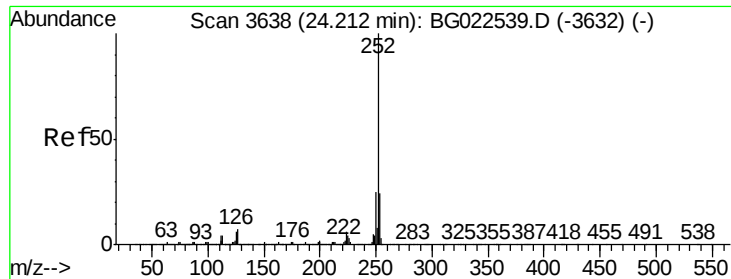


#87
Benzo(b)fluoranthene
Concen: 45.75 ng
RT: 24.14 min Scan# 3626
Delta R.T. 0.01 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion:252 Resp: 3206311

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.9	28.3
125	5.7	3.9	5.9

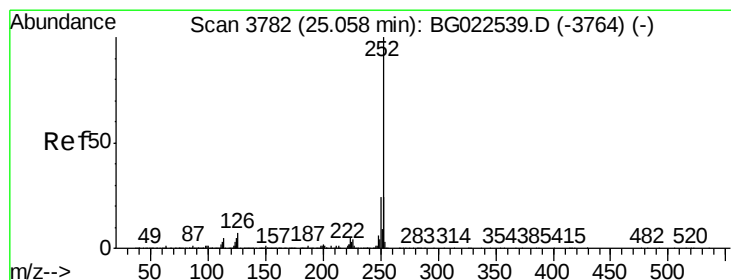
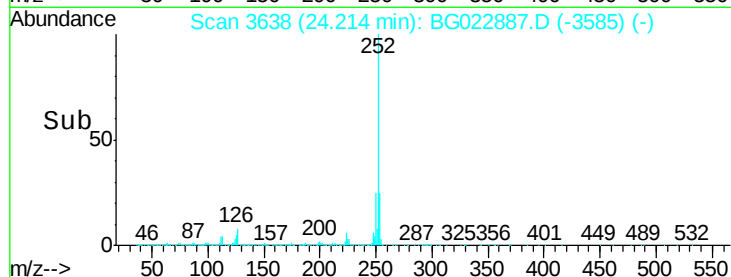
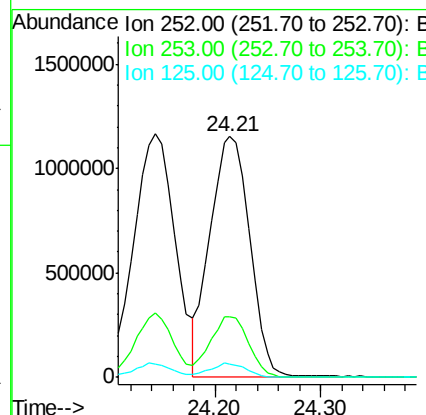
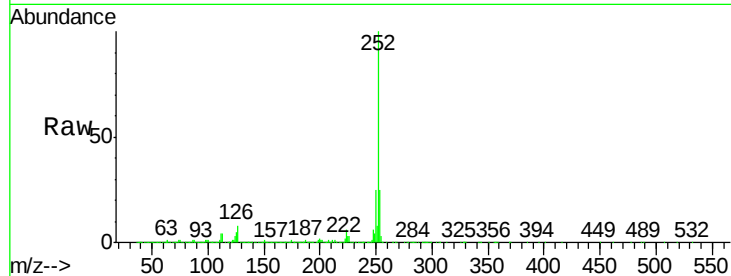




#88
Benzo(k)fluoranthene
Concen: 45.44 ng
RT: 24.21 min Scan# 3638
Delta R.T. 0.01 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

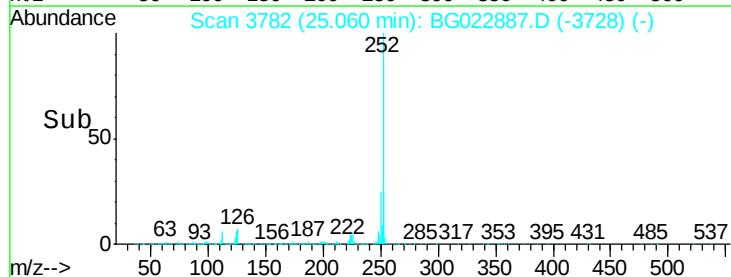
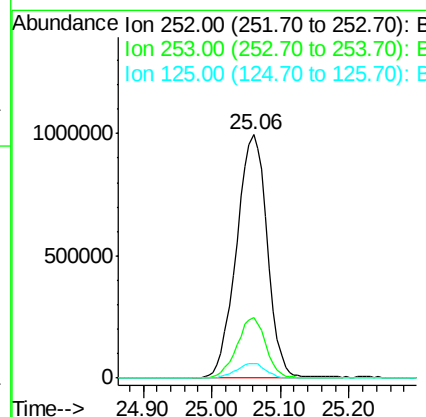
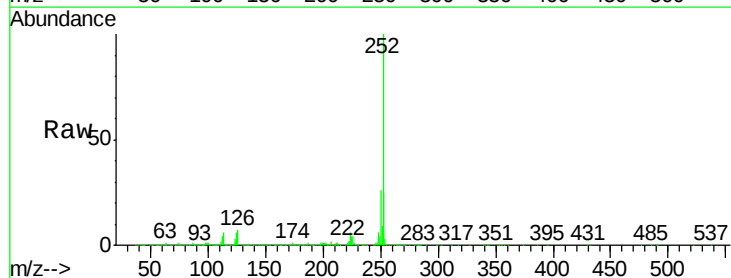
Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

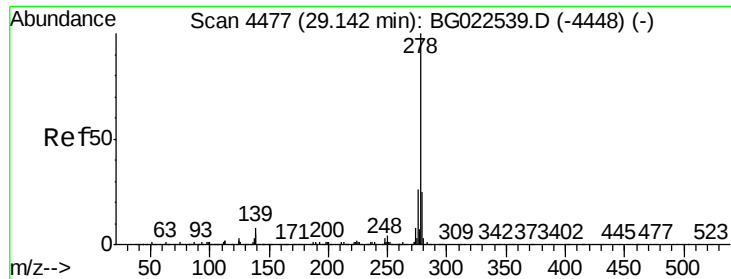
Tgt Ion:252 Resp: 3010575
Ion Ratio Lower Upper
252 100
253 25.3 18.8 28.2
125 5.4 3.2 4.8#



#89
Benzo(a)pyrene
Concen: 45.41 ng
RT: 25.06 min Scan# 3782
Delta R.T. 0.02 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion:252 Resp: 3102576
Ion Ratio Lower Upper
252 100
253 24.9 18.7 28.1
125 6.1 3.9 5.9#

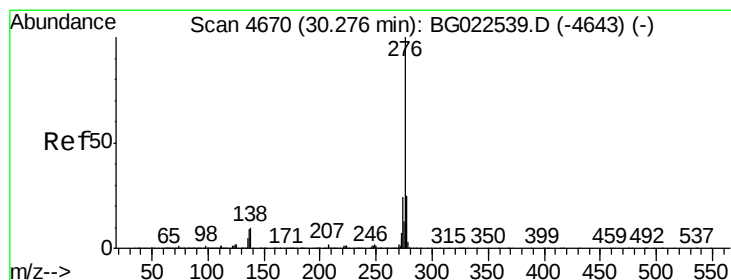
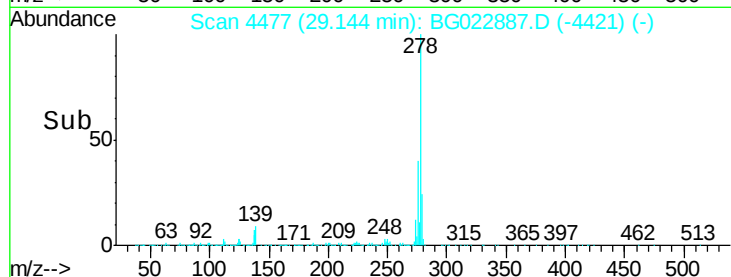
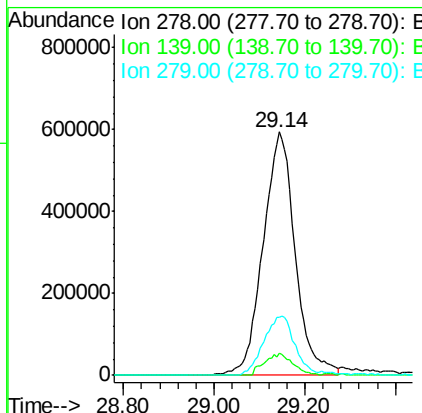
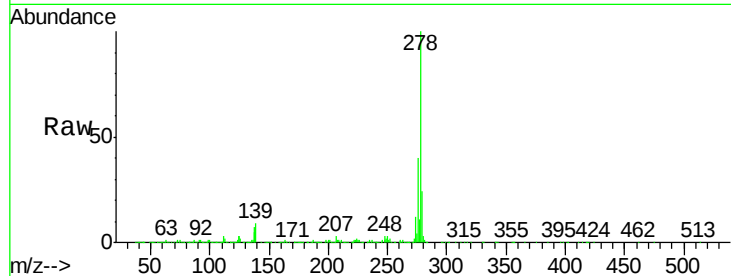




#90
Dibenzo(a,h)anthracene
Concen: 45.33 ng
RT: 29.14 min Scan# 4477
Delta R.T. 0.03 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Instrument :
BNA_G
ClientSampleId :
HSR-WC-57-062916MSD

Tgt Ion:278 Resp: 2915787
Ion Ratio Lower Upper
278 100
139 9.0 4.7 7.1#
279 23.6 18.3 27.5



#91
Benzo(g,h,i)perylene
Concen: 43.98 ng
RT: 30.28 min Scan# 4671
Delta R.T. 0.03 min
Lab File: BG022887.D
Acq: 6 Jul 2016 22:06

Tgt Ion:276 Resp: 2879371
Ion Ratio Lower Upper
276 100
277 24.3 18.6 27.8
138 10.7 6.8 10.2#

