

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
 Data File : BG024545.D
 Acq On : 28 Oct 2016 18:59
 Operator : UM/SJ
 Sample : H5420-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MSD

Quant Time: Oct 28 23:45:16 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	116818	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	449370	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	343911	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	754372	20.00	ng	0.00
75) Chrysene-d12	21.93	240	1021283	20.00	ng	0.00
86) Perylene-d12	25.36	264	1060752	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	878772	123.29	ng	0.00
7) Phenol-d6	7.41	99	1182608	120.96	ng	0.00
23) Nitrobenzene-d5	9.45	82	991010	100.41	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	756949	147.33	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1959193	94.69	ng	0.00
78) Terphenyl-d14	20.21	244	3284491	96.10	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	104402	35.85	ng	# 77
3) Pyridine	4.09	79	249963	28.67	ng	91
4) n-Nitrosodimethylamine	4.00	42	189208	41.92	ng	89
6) Aniline	7.60	93	197889	15.98	ng	96
8) 2-Chlorophenol	7.83	128	327537	45.20	ng	90
9) Benzaldehyde	7.40	77	70656	11.69	ng	93
10) Phenol	7.44	94	424929	42.16	ng	94
11) bis(2-Chloroethyl)ether	7.69	93	356215	47.05	ng	90
12) 1,3-Dichlorobenzene	8.16	146	365213	40.71	ng	92
13) 1,4-Dichlorobenzene	8.31	146	383190	43.24	ng	99
14) 1,2-Dichlorobenzene	8.63	146	360656	42.33	ng	99
15) Benzyl Alcohol	8.51	79	431066	47.40	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.80	45	604581	43.04	ng	93
17) 2-Methylphenol	8.70	107	316134	47.34	ng	95
18) Hexachloroethane	9.37	117	145049	42.58	ng	# 84
19) n-Nitroso-di-n-propylamine	9.07	70	350555	48.65	ng	# 90
20) 3+4-Methylphenols	9.02	107	422653	47.14	ng	98
22) Acetophenone	9.10	105	571171	49.48	ng	93
24) Nitrobenzene	9.49	77	521805	47.52	ng	96
25) Isophorone	10.01	82	923955	50.33	ng	99
26) 2-Nitrophenol	10.21	139	210464	51.64	ng	97
27) 2,4-Dimethylphenol	10.24	122	369111	51.74	ng	95
28) bis(2-Chloroethoxy)methane	10.48	93	510222	53.71	ng	98
29) 2,4-Dichlorophenol	10.73	162	395453	52.81	ng	97
30) 1,2,4-Trichlorobenzene	10.95	180	406797	45.79	ng	91
31) Naphthalene	11.15	128	1090159	48.64	ng	99
32) Benzoic acid	10.35	122	214941	36.18	ng	98
33) 4-Chloroaniline	11.26	127	19527	2.01	ng	96
34) Hexachlorobutadiene	11.42	225	320575	46.11	ng	98
35) Caprolactam	12.02	113	61550	22.45	ng	# 86
36) 4-Chloro-3-methylphenol	12.34	107	452595	50.07	ng	97
37) 2-Methylnaphthalene	12.73	142	804298	49.18	ng	100
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	541298	46.67	ng	98
40) Hexachlorocyclopentadiene	13.06	237	721109	110.39	ng	94

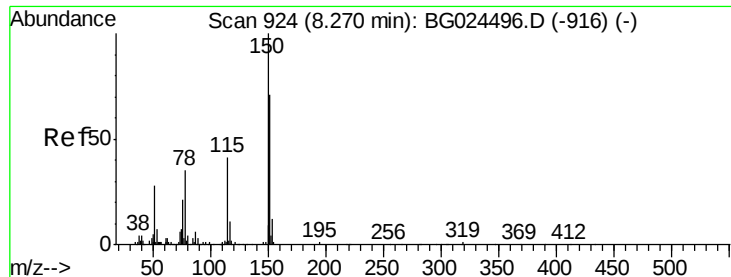
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	351583	50.43	ng	97
43) 2,4,5-Trichlorophenol	13.40	196	377727	50.11	ng	100
45) 1,1'-Biphenyl	13.73	154	1119358	46.90	ng	97
46) 2-Chloronaphthalene	13.77	162	896425	49.33	ng	99
47) 2-Nitroaniline	13.98	65	356106	47.86	ng	96
48) Acenaphthylene	14.62	152	1324358	47.52	ng	98
49) Dimethylphthalate	14.33	163	1208471	49.50	ng	99
50) 2,6-Dinitrotoluene	14.46	165	274322	52.63	ng	91
51) Acenaphthene	14.95	154	871695	41.96	ng	98
52) 3-Nitroaniline	14.79	138	44064	8.17	ng	# 96
53) 2,4-Dinitrophenol	14.99	184	377130	99.85	ng	94
54) Dibenzofuran	15.28	168	1396582	48.62	ng	95
55) 4-Nitrophenol	15.08	139	415957	88.52	ng	# 90
56) 2,4-Dinitrotoluene	15.24	165	395318	52.19	ng	# 96
57) Fluorene	15.93	166	1115313	46.83	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	398783	51.03	ng	92
59) Diethylphthalate	15.68	149	1223070	47.78	ng	98
60) 4-Chlorophenyl-phenylether	15.92	204	667562	49.95	ng	96
61) 4-Nitroaniline	15.95	138	229871	39.01	ng	98
62) Azobenzene	16.20	77	1287231	50.42	ng	97
64) 4,6-Dinitro-2-methylphenol	16.00	198	273081	52.54	ng	94
65) n-Nitrosodiphenylamine	16.13	169	1043473	50.60	ng	98
66) 4-Bromophenyl-phenylether	16.81	248	475707	51.95	ng	96
67) Hexachlorobenzene	16.93	284	527514	52.13	ng	# 89
68) Atrazine	17.06	200	418876	47.35	ng	99
69) Pentachlorophenol	17.27	266	678240	101.58	ng	97
70) Phenanthrene	17.67	178	1915030	49.80	ng	99
71) Anthracene	17.76	178	1923888	49.59	ng	96
72) Carbazole	18.03	167	1729775	48.89	ng	97
73) Di-n-butylphthalate	18.56	149	2010390	49.28	ng	98
74) Fluoranthene	19.67	202	2435023	50.10	ng	97
76) Benzidine	19.89	184	141376	5.88	ng	95
77) Pyrene	20.03	202	2467643	49.43	ng	97
79) Butylbenzylphthalate	20.89	149	1052235	50.55	ng	98
80) Benzo(a)anthracene	21.91	228	2760864	49.21	ng	98
81) 3,3'-Dichlorobenzidine	21.81	252	289028	12.77	ng	92
82) Chrysene	21.98	228	2585632	48.39	ng	97
83) Bis(2-ethylhexyl)phthalate	21.77	149	1482098	49.78	ng	97
84) Di-n-octyl phthalate	23.05	149	2525072	51.10	ng	96
85) Indeno(1,2,3-cd)pyrene	29.32	276	3633587	49.26	ng	# 98
87) Benzo(b)fluoranthene	24.27	252	2995012	52.24	ng	98
88) Benzo(k)fluoranthene	24.34	252	2796528	50.50	ng	100
89) Benzo(a)pyrene	25.20	252	2859338	51.04	ng	99
90) Dibenzo(a,h)anthracene	29.38	278	3051319	49.62	ng	97
91) Benzo(g,h,i)perylene	30.55	276	3002916	48.88	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

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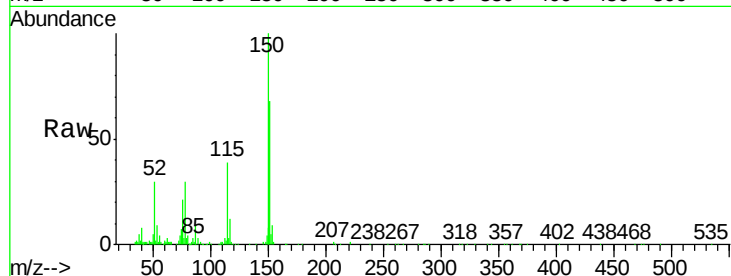
Tgt Ion:152 Resp: 116818

Ion Ratio Lower Upper

152 100

150 147.1 114.0 171.0

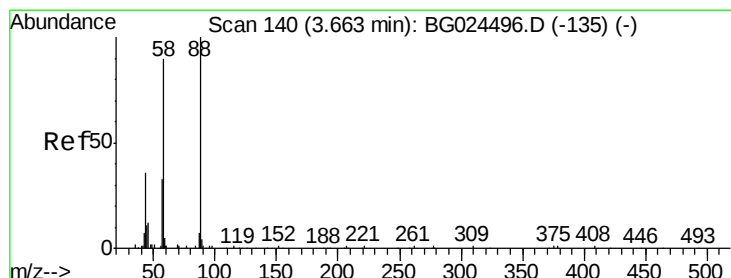
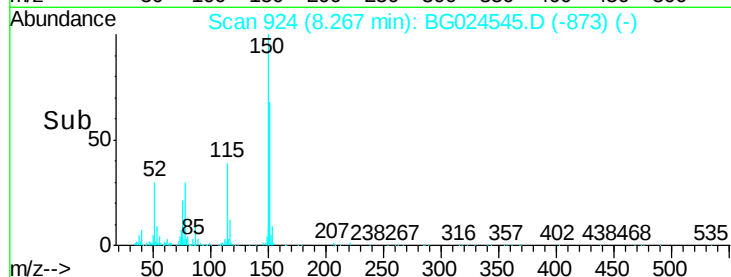
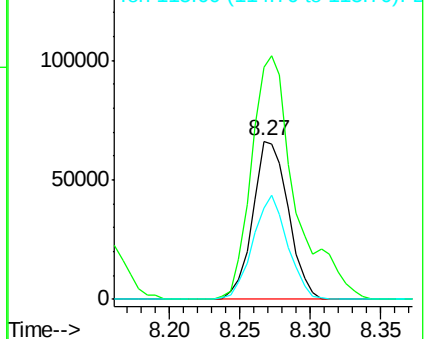
115 57.8 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.85 ng

RT: 3.68 min Scan# 143

Delta R.T. 0.01 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

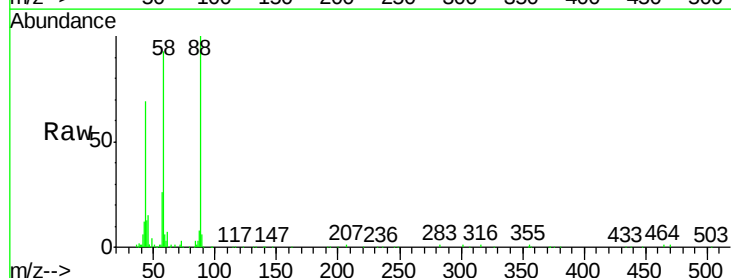
Tgt Ion: 88 Resp: 104402

Ion Ratio Lower Upper

88 100

58 92.7 79.4 119.2

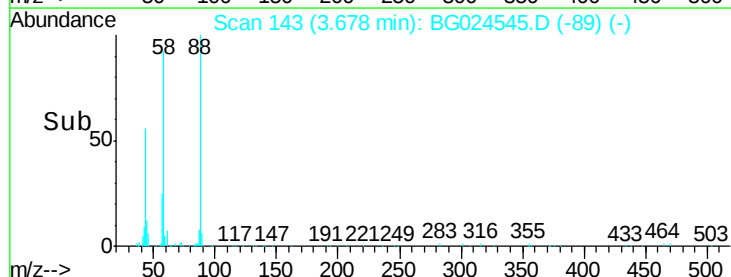
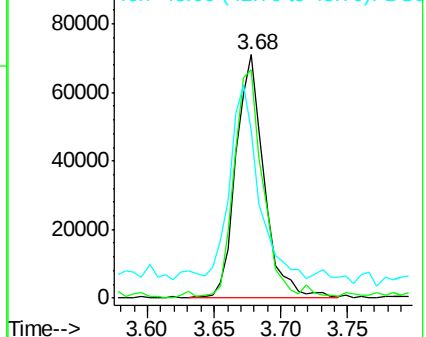
43 80.5 33.8 50.6#

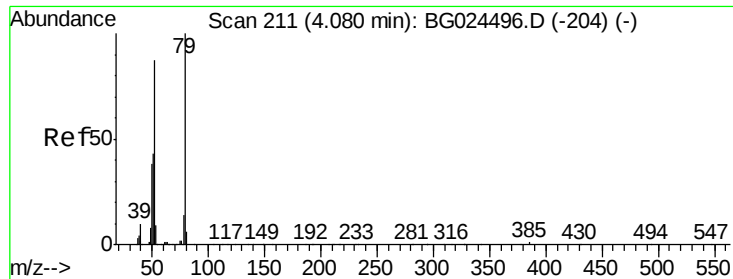


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 28.67 ng

RT: 4.09 min Scan# 213

Delta R.T. 0.01 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

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ClientSampleId :

HSR-WC-72-102616MSD

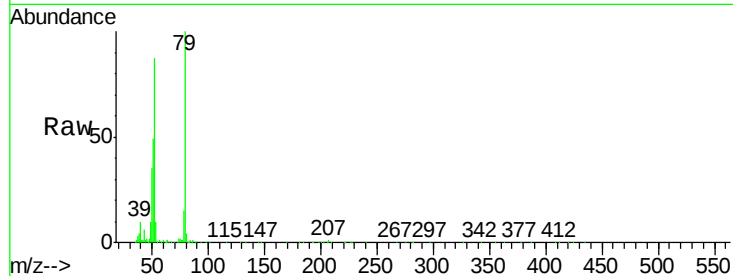
Tgt Ion: 79 Resp: 249963

Ion Ratio Lower Upper

79 100

52 86.9 77.8 116.6

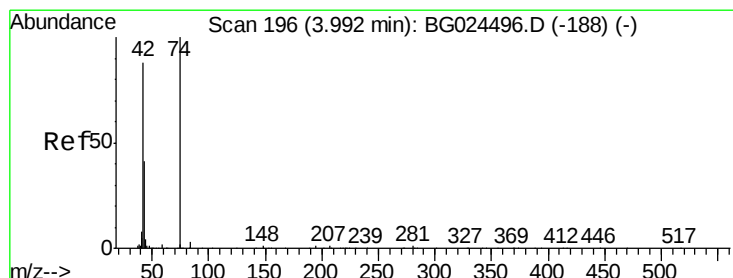
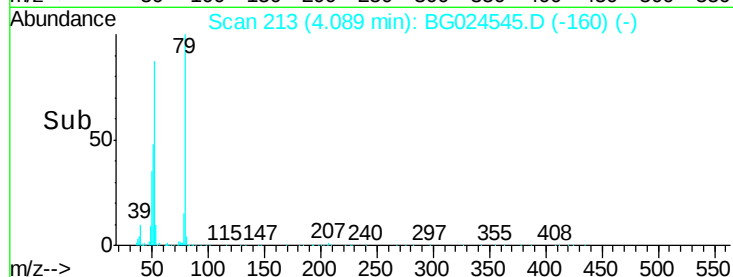
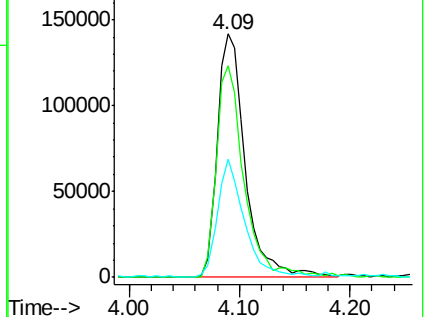
51 48.8 43.2 64.8



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: 41.92 ng

RT: 4.00 min Scan# 197

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

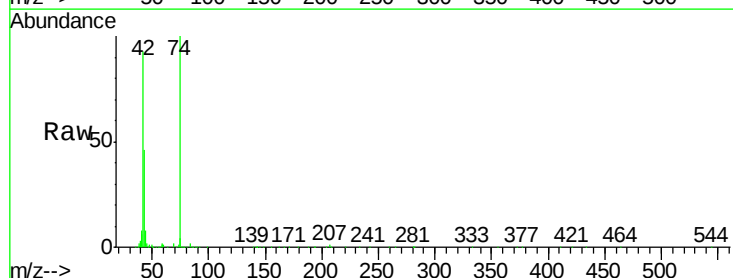
Tgt Ion: 42 Resp: 189208

Ion Ratio Lower Upper

42 100

74 107.6 76.7 115.1

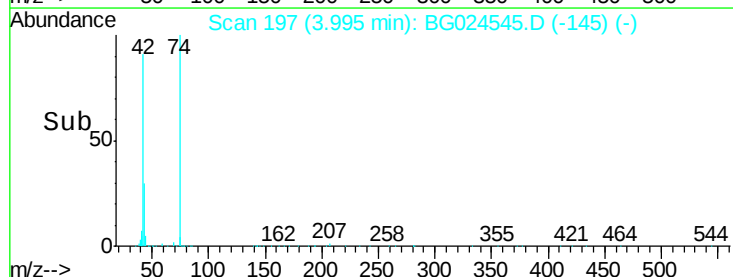
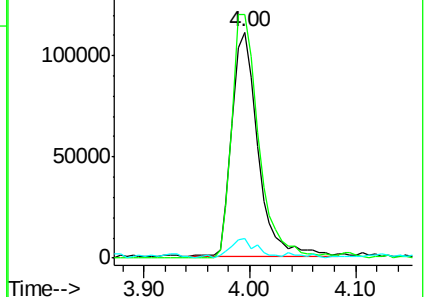
44 8.5 6.1 9.1

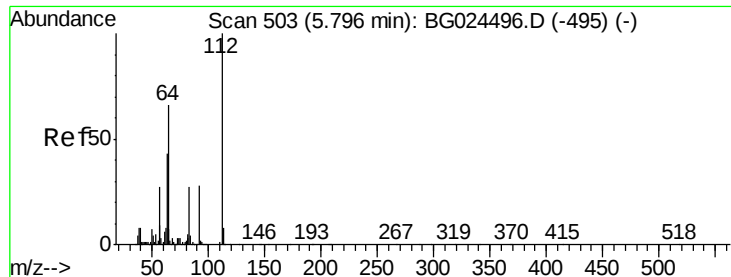


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 123.29 ng

RT: 5.80 min Scan# 505

Delta R.T. 0.01 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

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ClientSampleId :

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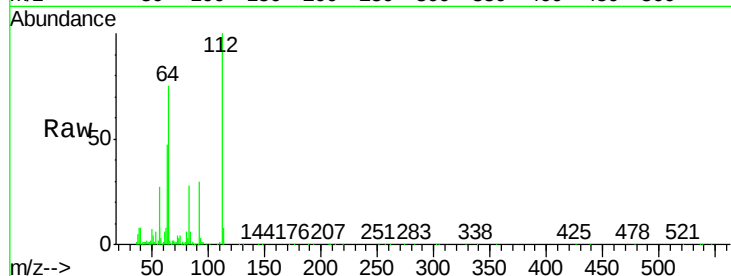
Tgt Ion: 112 Resp: 878772

Ion Ratio Lower Upper

112 100

64 74.6 61.8 92.6

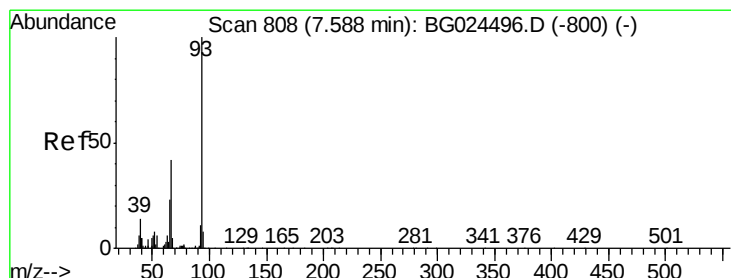
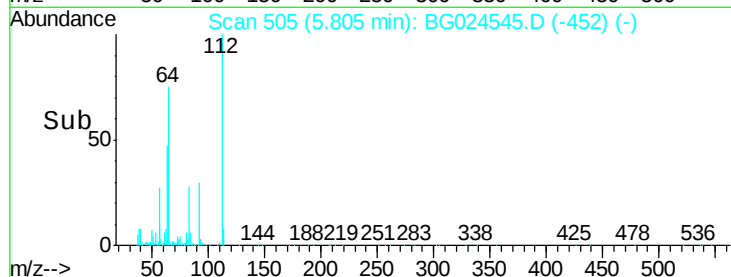
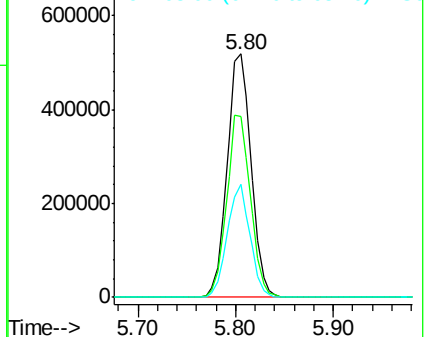
63 46.6 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 15.98 ng

RT: 7.60 min Scan# 810

Delta R.T. 0.01 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

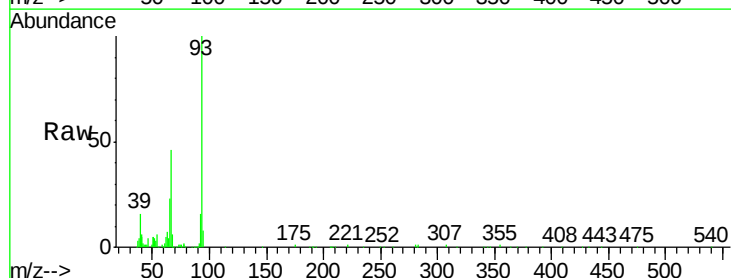
Tgt Ion: 93 Resp: 197889

Ion Ratio Lower Upper

93 100

66 46.2 35.4 53.2

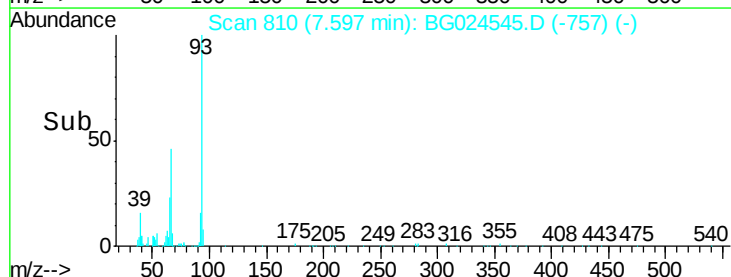
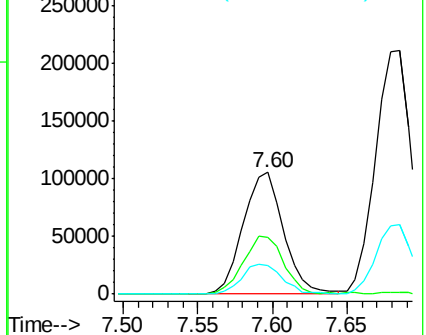
65 23.3 21.2 31.8

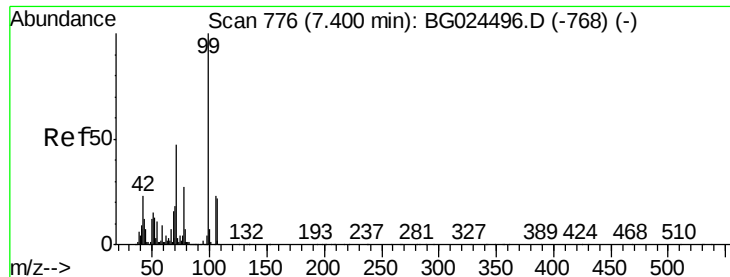


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 120.96 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.01 min

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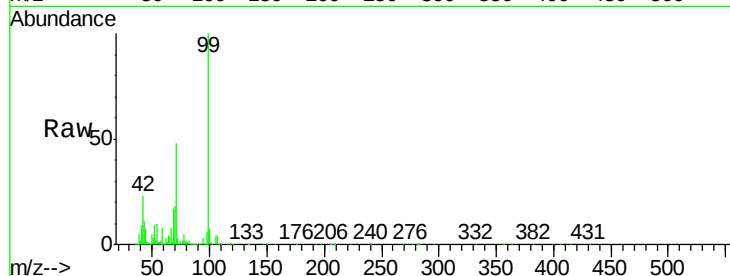
Tgt Ion: 99 Resp: 1182608

Ion Ratio Lower Upper

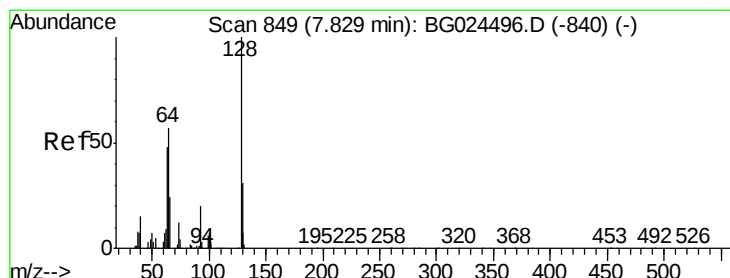
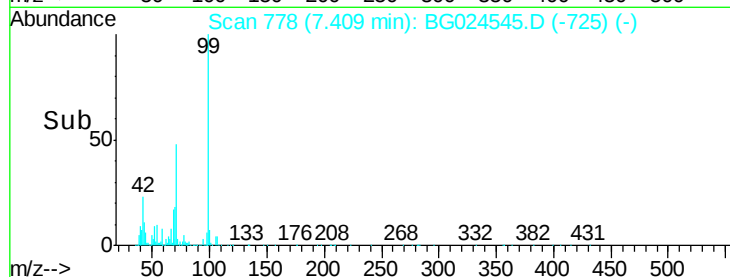
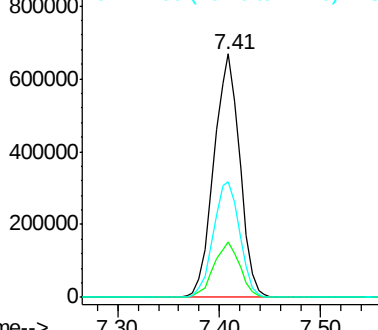
99 100

42 22.9 20.5 30.7

71 47.6 37.6 56.4



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: 45.20 ng

RT: 7.83 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG024545.D

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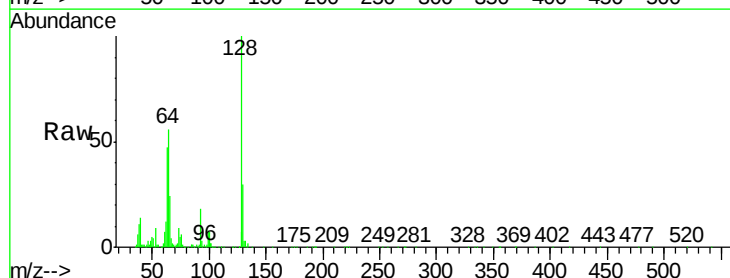
Tgt Ion: 128 Resp: 327537

Ion Ratio Lower Upper

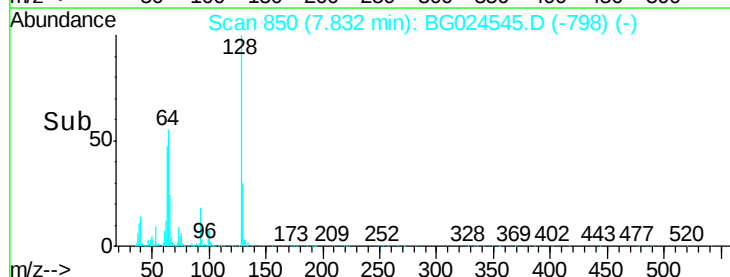
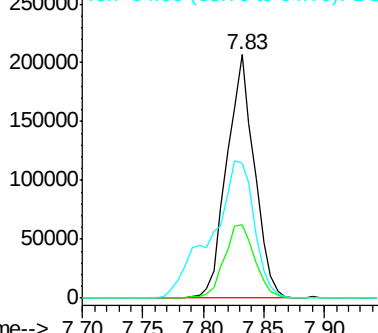
128 100

130 30.1 11.4 51.4

64 55.5 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 11.69 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

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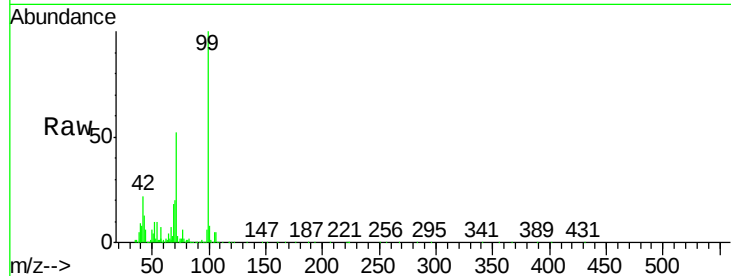
Tgt Ion: 77 Resp: 70656

Ion Ratio Lower Upper

77 100

105 88.4 60.9 100.9

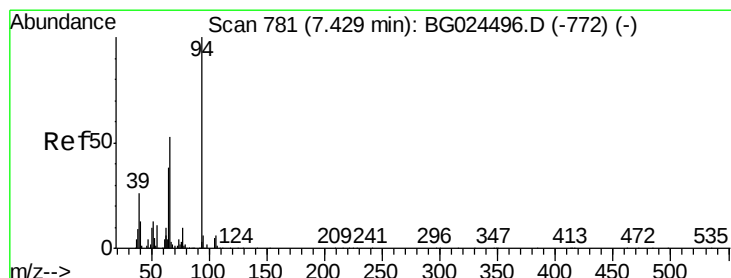
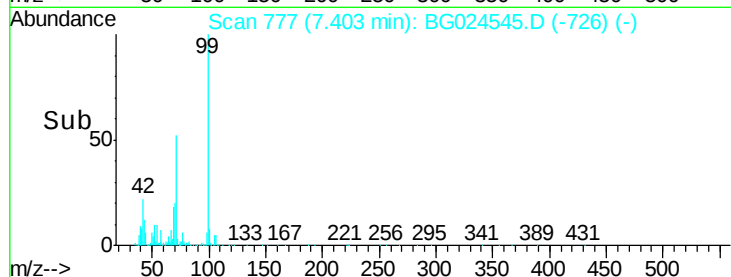
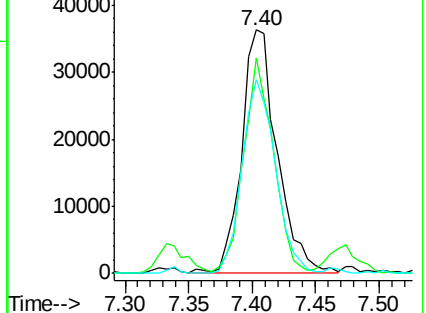
106 79.7 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.16 ng

RT: 7.44 min Scan# 783

Delta R.T. 0.01 min

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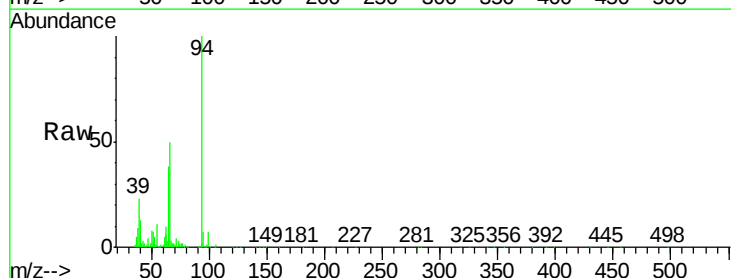
Tgt Ion: 94 Resp: 424929

Ion Ratio Lower Upper

94 100

65 37.8 20.6 60.6

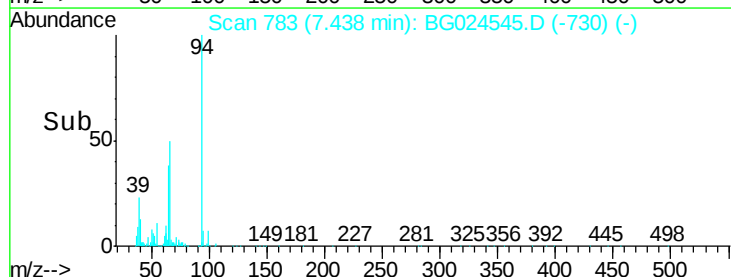
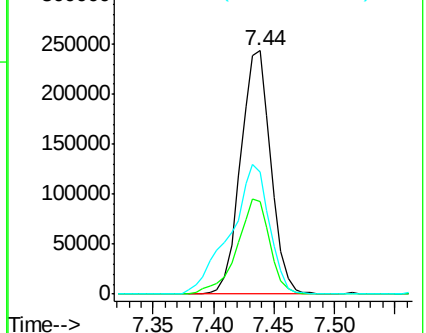
66 50.3 35.5 75.5

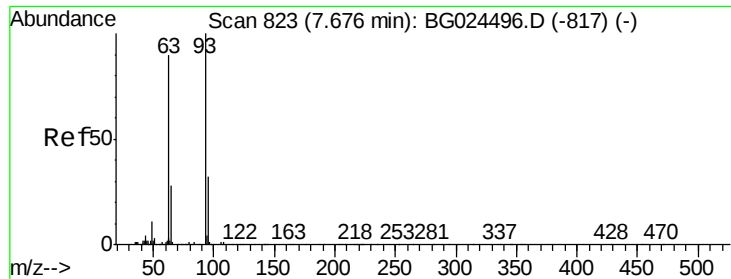


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

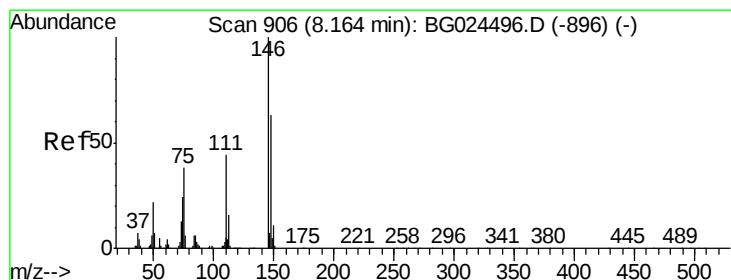
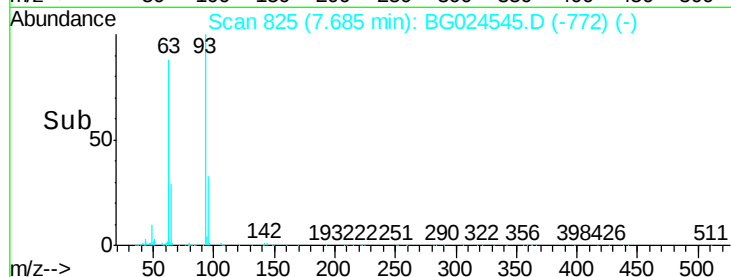
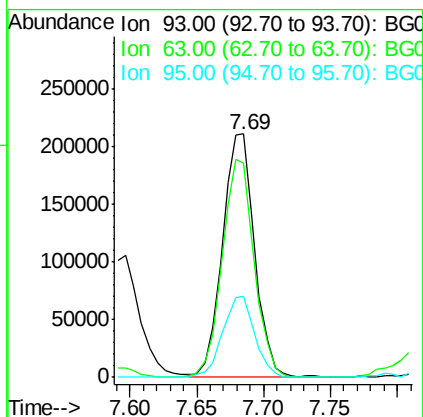
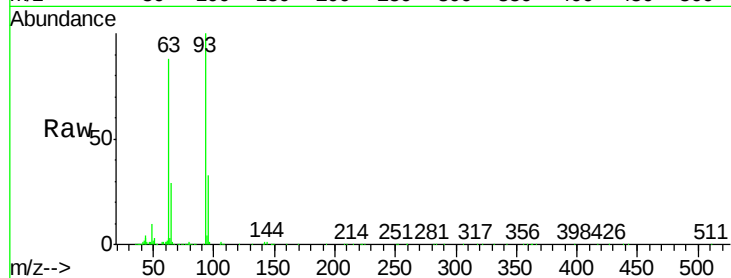




#11
bis(2-Chloroethyl)ether
Concen: 47.05 ng
RT: 7.69 min Scan# 825
Delta R.T. 0.01 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

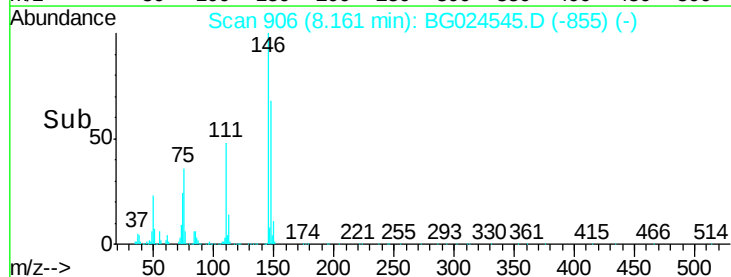
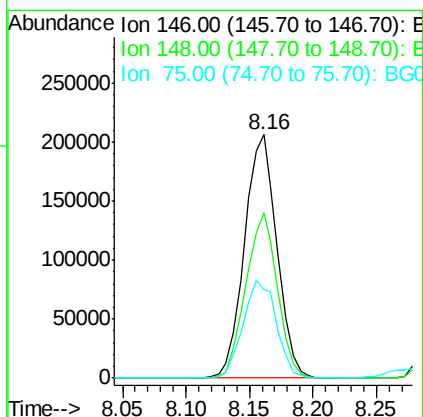
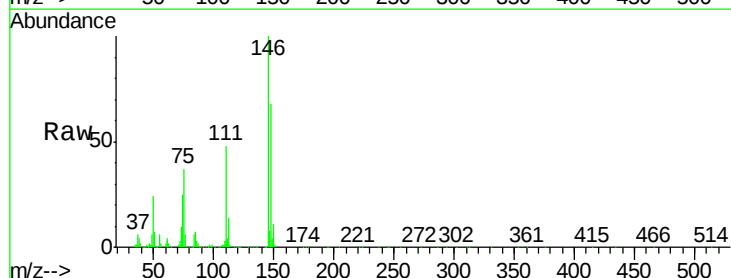
Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MSD

Tgt Ion: 93 Resp: 356215
Ion Ratio Lower Upper
93 100
63 87.9 78.5 118.5
95 33.2 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 40.71 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion: 146 Resp: 365213
Ion Ratio Lower Upper
146 100
148 67.8 49.2 73.8
75 36.5 33.4 50.2

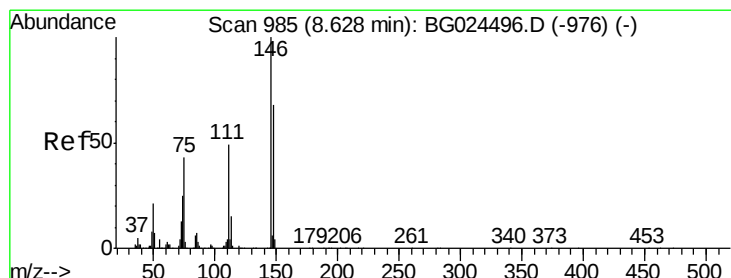
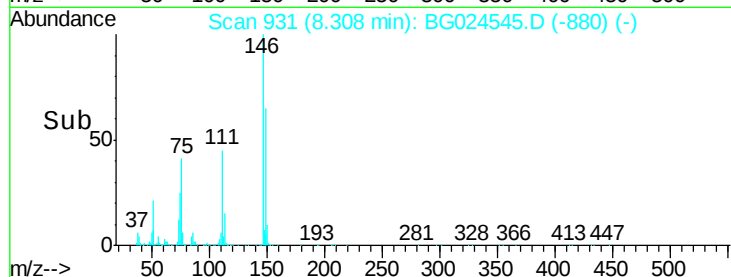
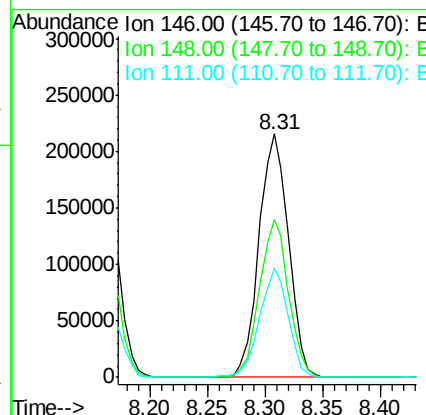
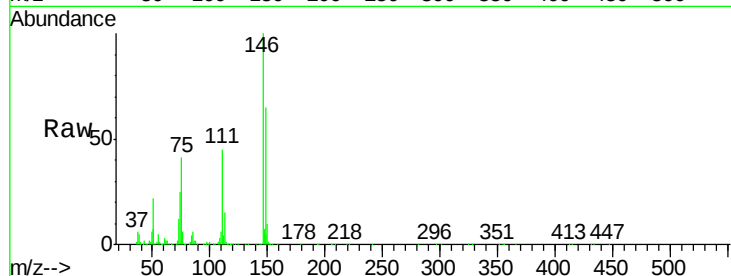




#13
 1,4-Dichlorobenzene
 Concen: 43.24 ng
 RT: 8.31 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

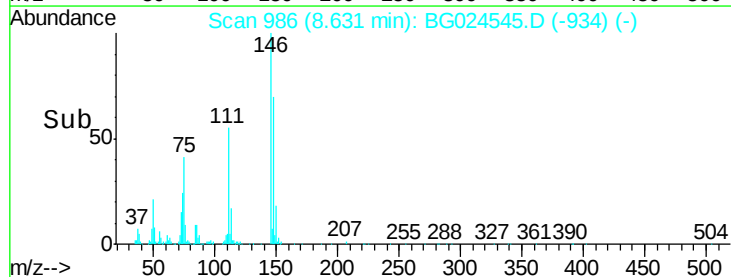
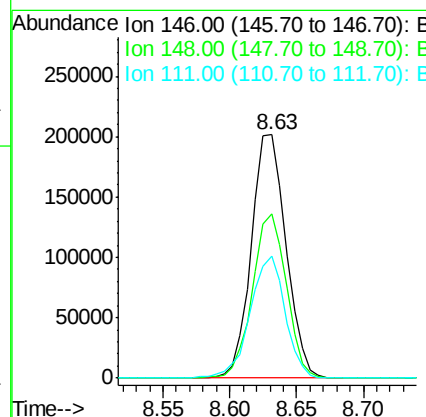
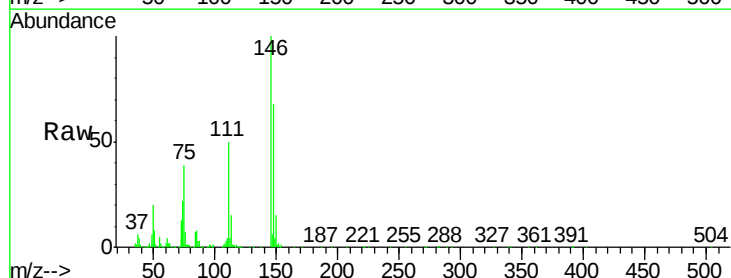
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MSD

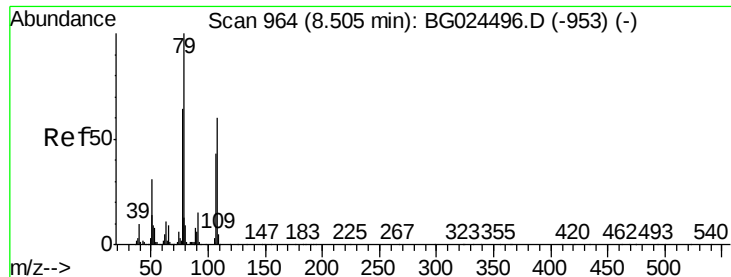
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.2	78.2
111	44.6	37.0	55.6



#14
 1,2-Dichlorobenzene
 Concen: 42.33 ng
 RT: 8.63 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.5	54.6	81.8
111	50.3	39.7	59.5





#15

Benzyl Alcohol

Concen: 47.40 ng

RT: 8.51 min Scan# 965

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

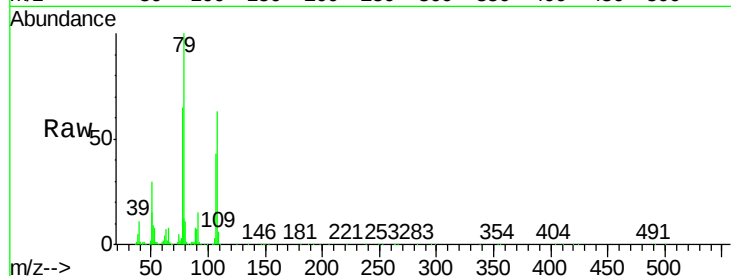
Tgt Ion: 79 Resp: 431066

Ion Ratio Lower Upper

79 100

108 62.9 45.5 68.3

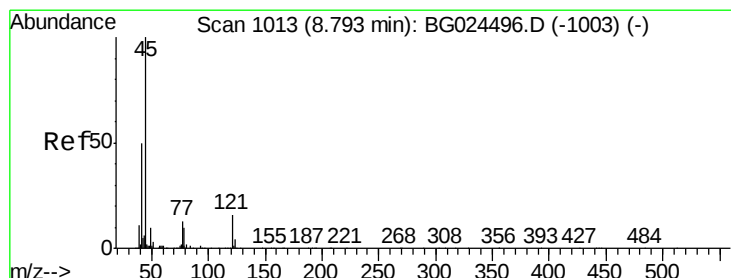
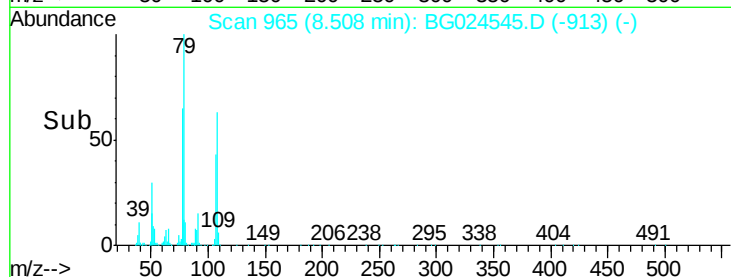
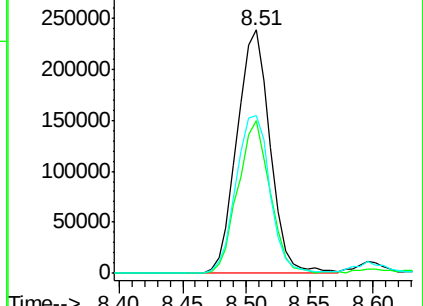
77 65.0 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.04 ng

RT: 8.80 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

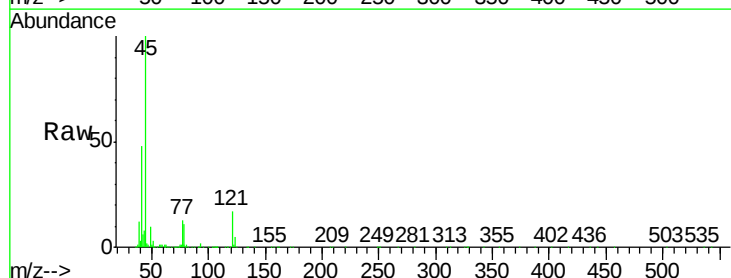
Tgt Ion: 45 Resp: 604581

Ion Ratio Lower Upper

45 100

77 13.0 0.0 30.6

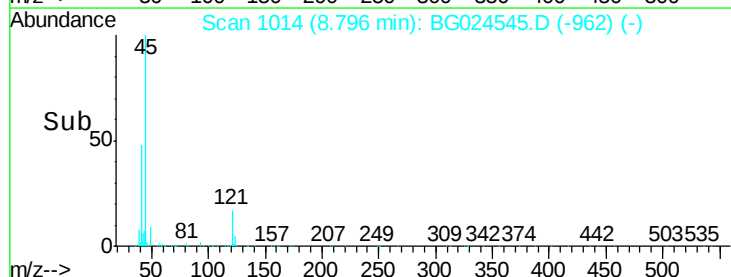
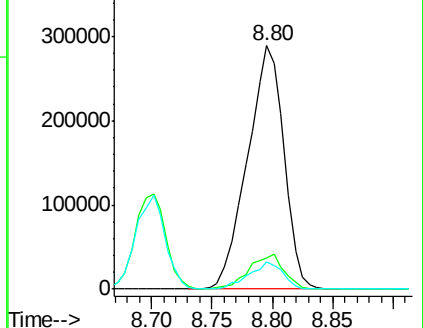
79 11.0 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 47.34 ng

RT: 8.70 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

Tgt Ion:107 Resp: 316134

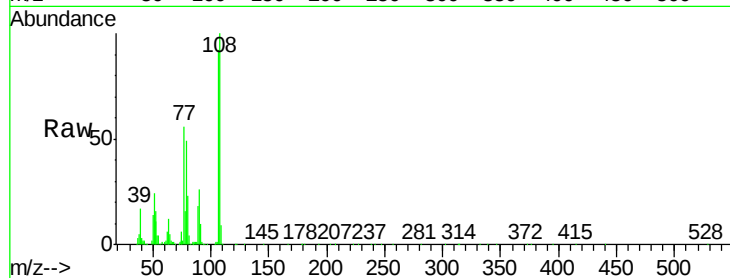
Ion Ratio Lower Upper

107 100

108 109.1 85.6 128.4

77 61.1 51.4 77.2

79 53.8 49.2 73.8

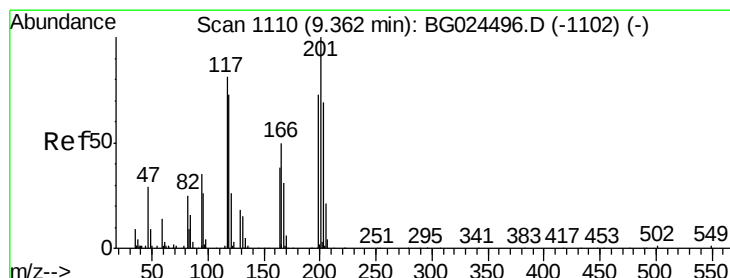
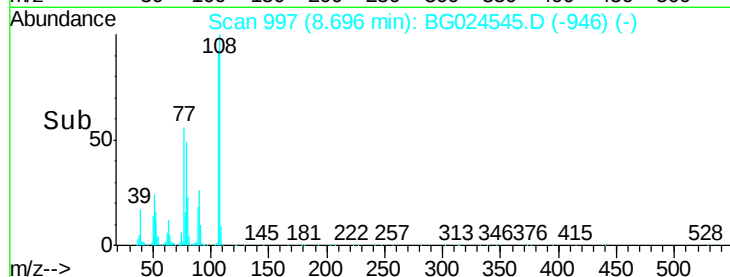
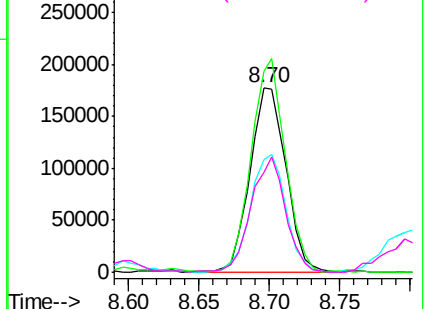


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 42.58 ng

RT: 9.37 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

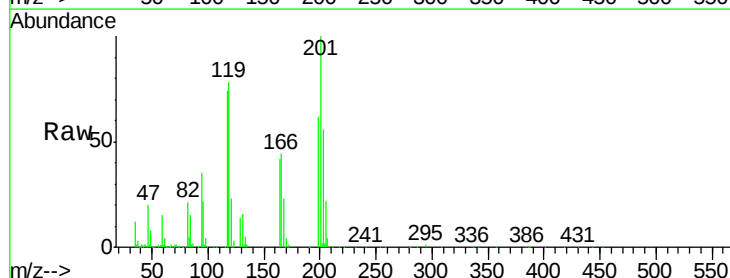
Tgt Ion:117 Resp: 145049

Ion Ratio Lower Upper

117 100

119 105.2 69.8 104.6#

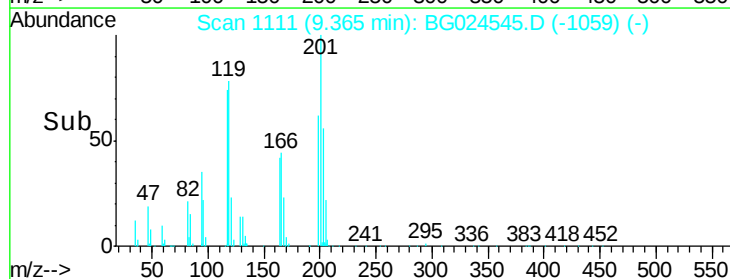
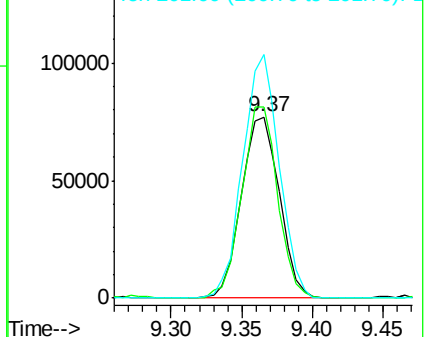
201 134.3 95.4 143.0

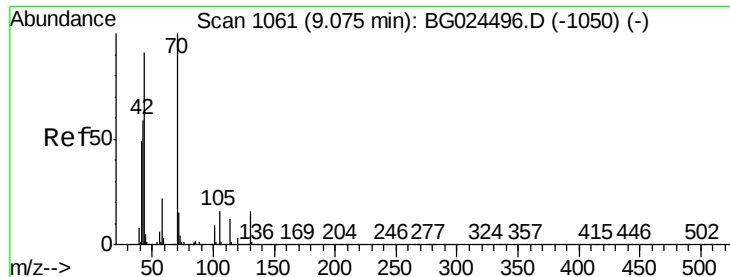


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

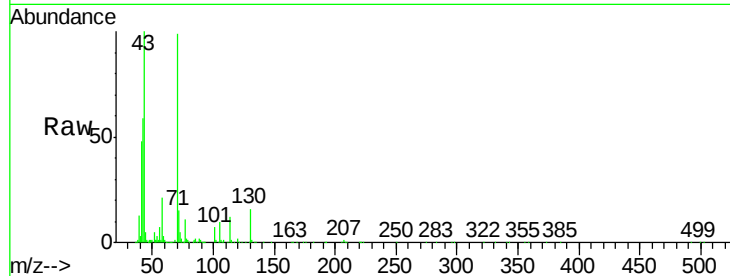




#19
n-Nitroso-di-n-propylamine
Concen: 48.65 ng
RT: 9.07 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MSD

Tgt Ion:	70	Resp:	350555
Ion	Ratio	Lower	Upper
70	100		
42	60.2	56.1	84.1
101	6.9	7.5	11.3#
130	16.3	14.6	21.8



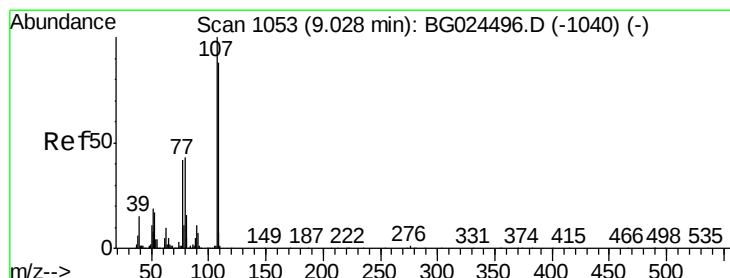
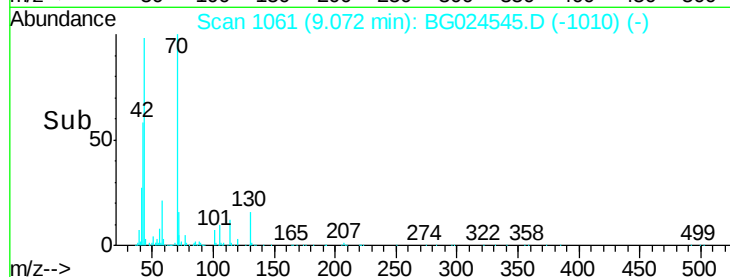
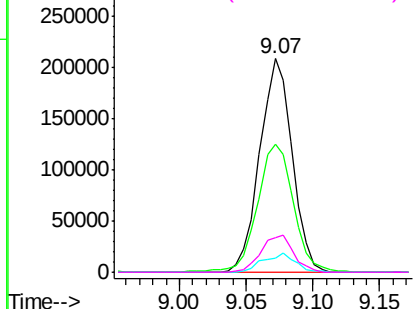
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

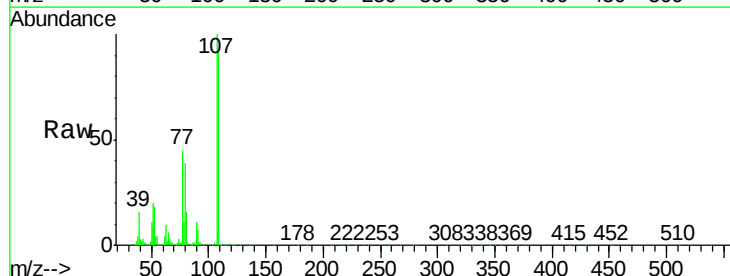
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 47.14 ng
RT: 9.02 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion:	107	Resp:	422653
Ion	Ratio	Lower	Upper
107	100		
108	93.3	70.8	110.8
77	44.9	25.8	65.8
79	39.4	20.1	60.1



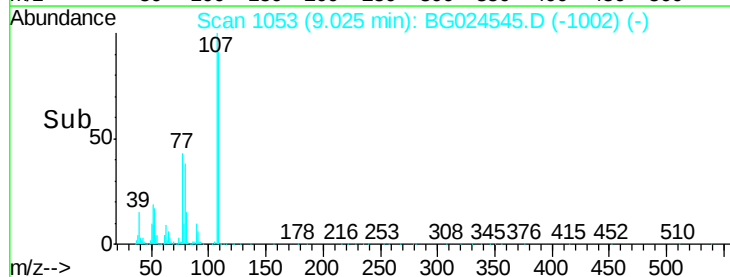
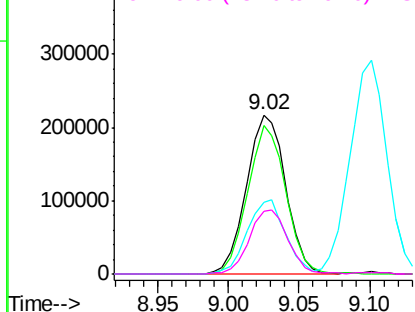
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

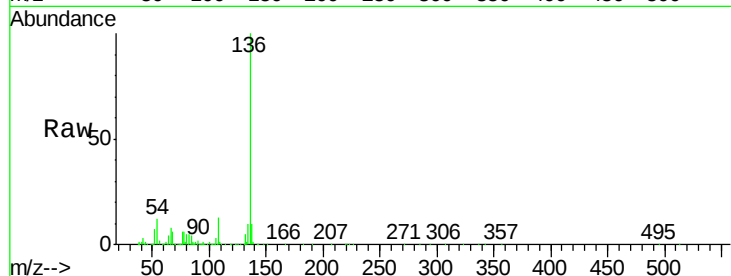




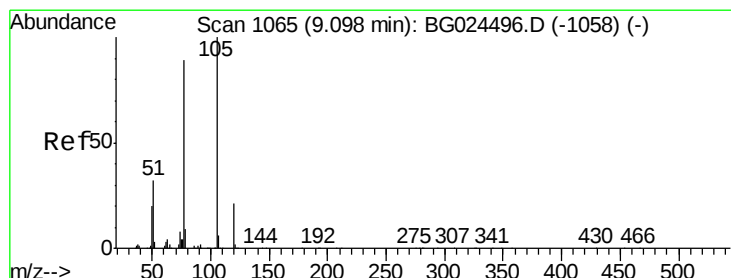
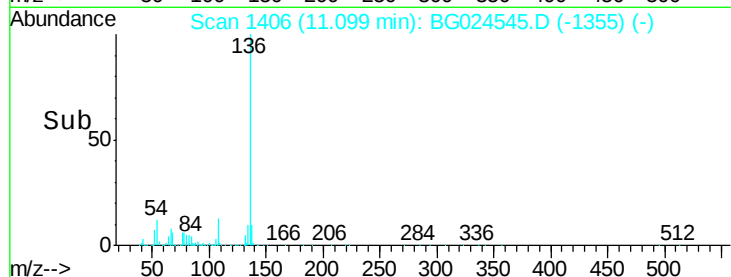
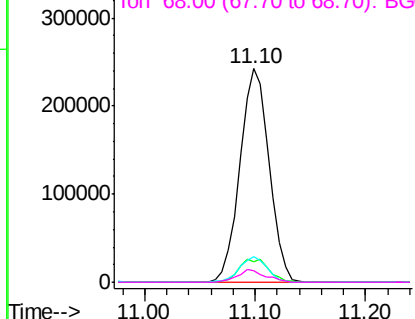
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MSD

Tgt Ion:	136	Resp:	449370
Ion Ratio	Lower	Upper	
136	100		
137	9.7	8.9	13.3
54	12.0	9.3	13.9
68	5.6	5.1	7.7

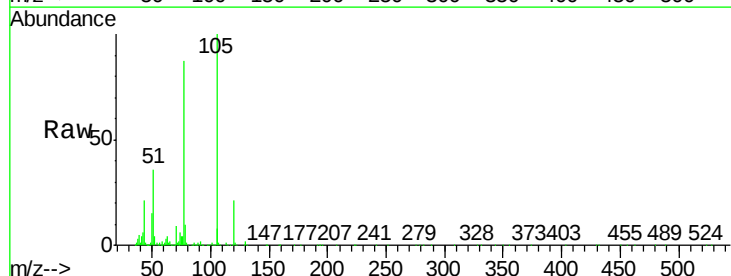


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

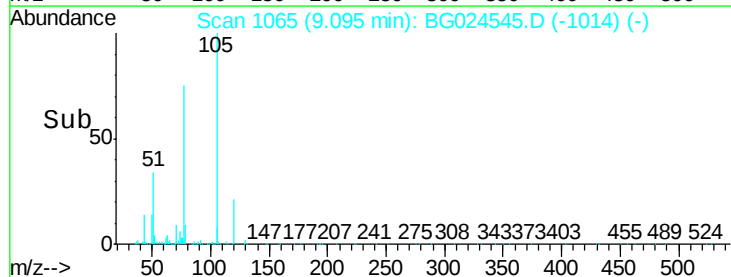
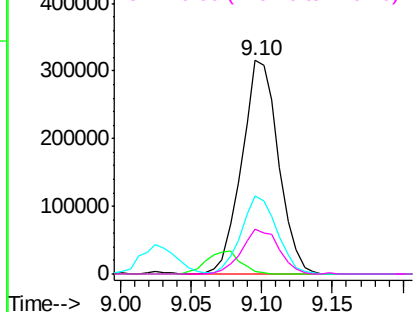


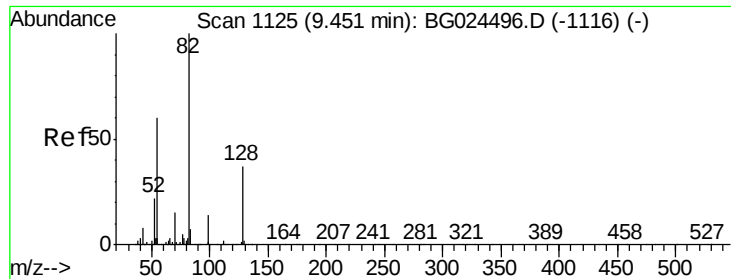
#22
Acetophenone
Concen: 49.48 ng
RT: 9.10 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion:	105	Resp:	571171
Ion Ratio	Lower	Upper	
105	100		
71	1.2	0.9	1.3
51	36.5	34.0	51.0
120	21.0	17.3	25.9



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

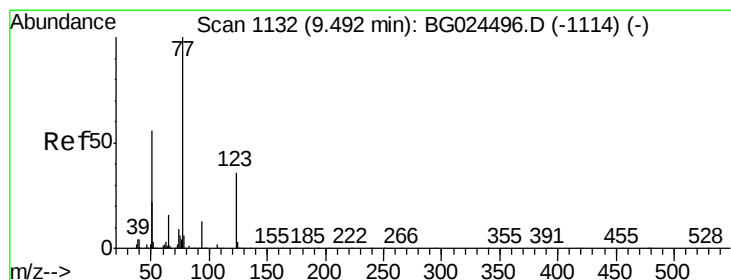
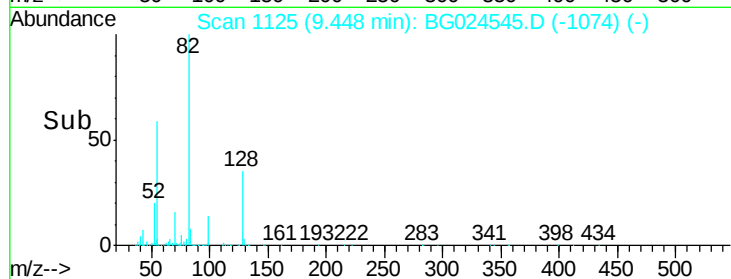
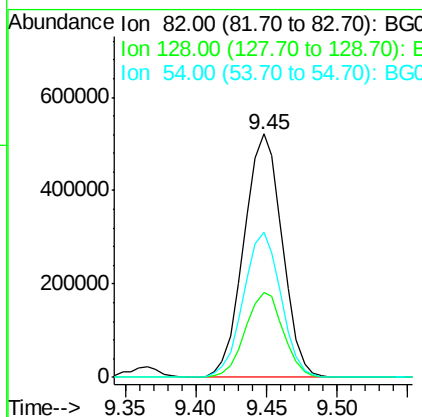
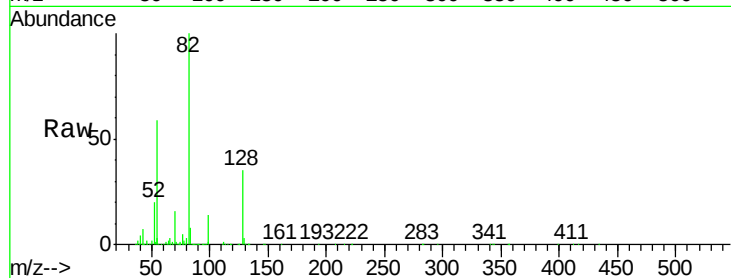




#23
 Nitrobenzene-d5
 Concen: 100.41 ng
 RT: 9.45 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

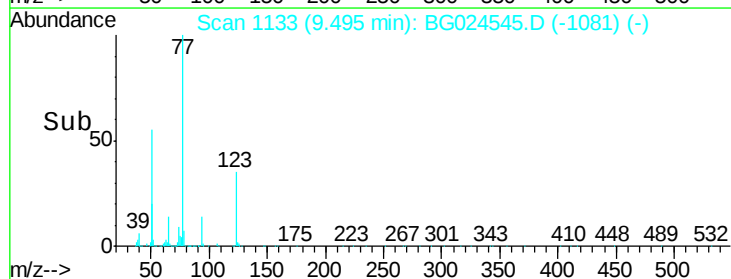
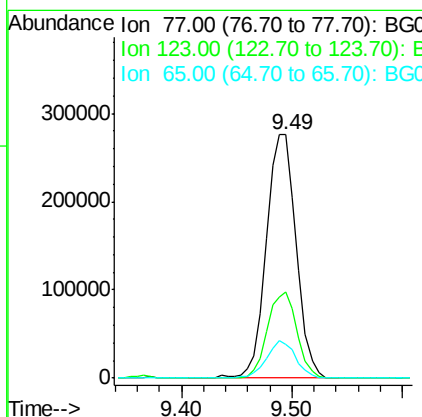
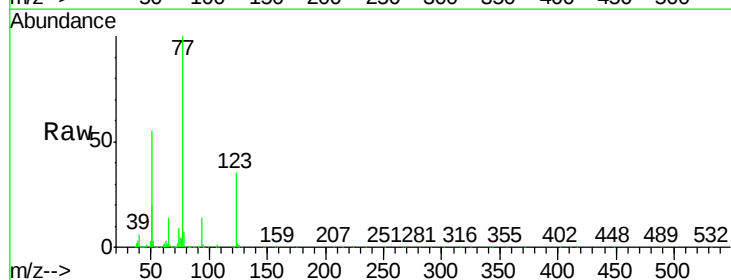
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MSD

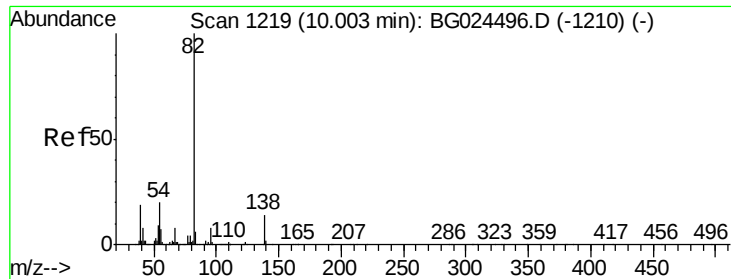
Tgt Ion: 82 Resp: 991010
 Ion Ratio Lower Upper
 82 100
 128 34.7 26.4 39.6
 54 59.5 49.4 74.2



#24
 Nitrobenzene
 Concen: 47.52 ng
 RT: 9.49 min Scan# 1133
 Delta R.T. 0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Tgt Ion: 77 Resp: 521805
 Ion Ratio Lower Upper
 77 100
 123 35.1 26.1 39.1
 65 14.0 12.4 18.6





#25

Isophorone

Concen: 50.33 ng

RT: 10.01 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

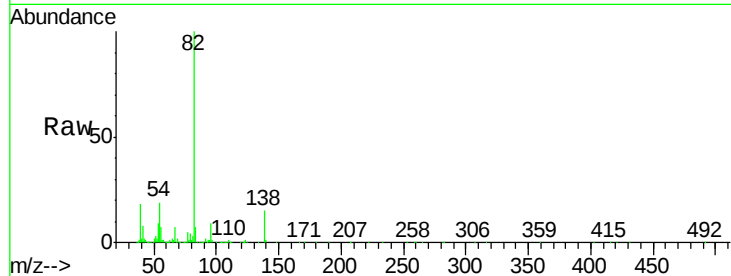
Tgt Ion: 82 Resp: 923955

Ion Ratio Lower Upper

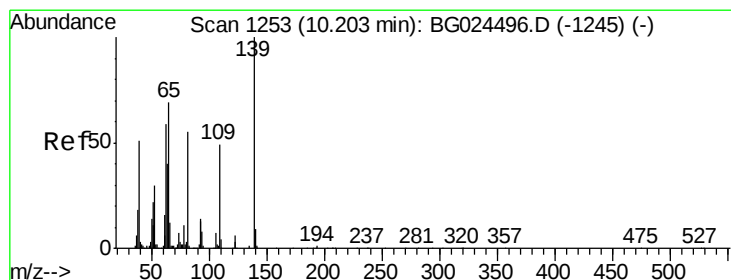
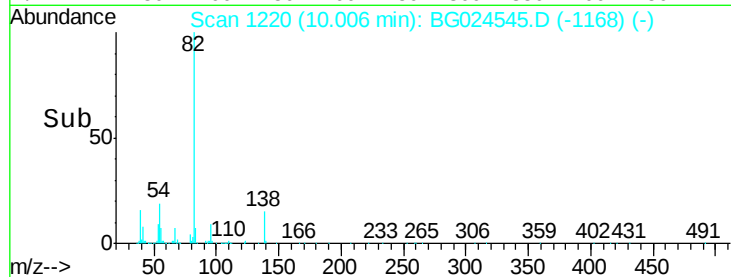
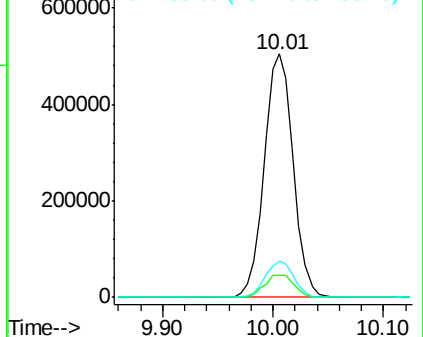
82 100

95 9.1 7.5 11.3

138 14.7 12.3 18.5



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: 51.64 ng

RT: 10.21 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

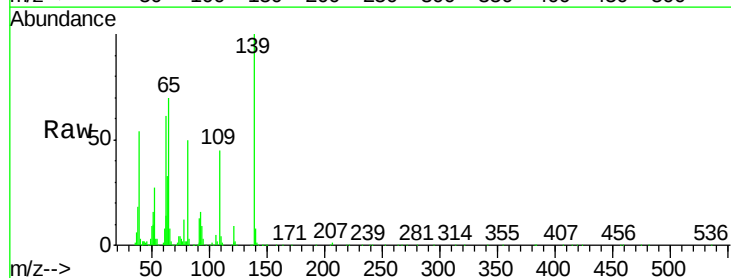
Tgt Ion: 139 Resp: 210464

Ion Ratio Lower Upper

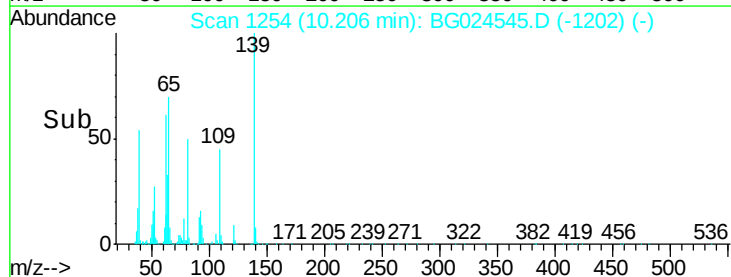
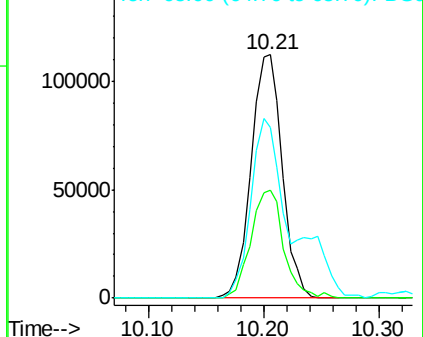
139 100

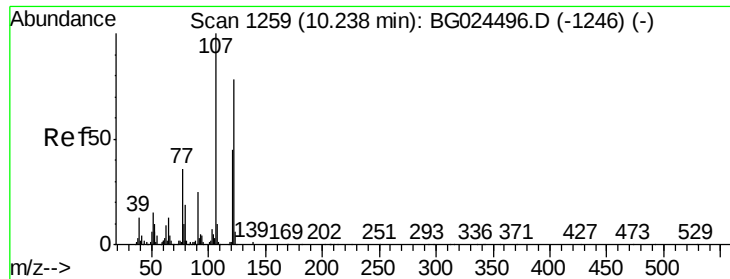
109 44.5 38.6 58.0

65 70.0 57.1 85.7



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

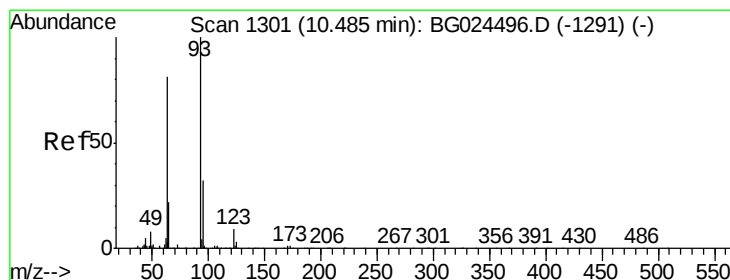
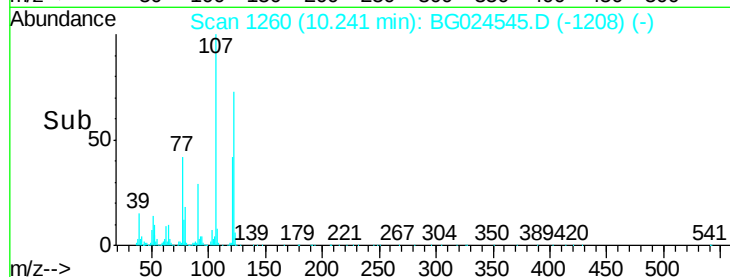
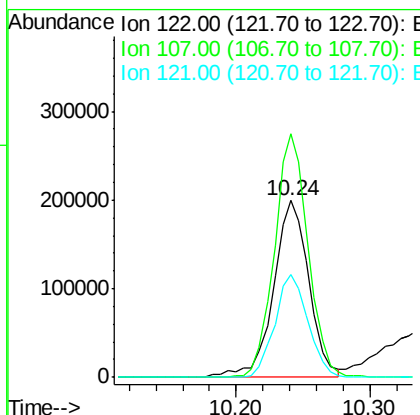
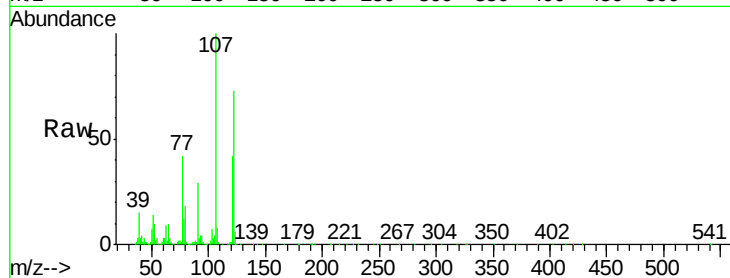




#27
 2,4-Dimethylphenol
 Concen: 51.74 ng
 RT: 10.24 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

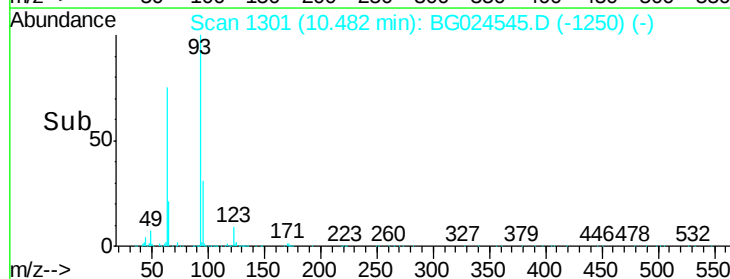
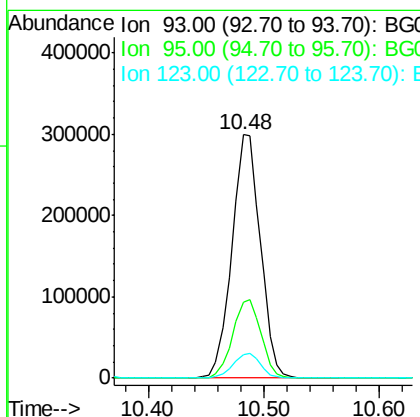
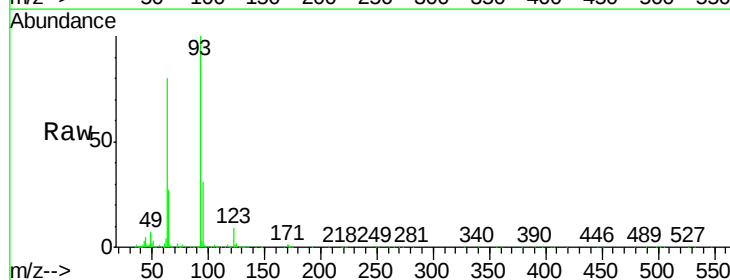
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MSD

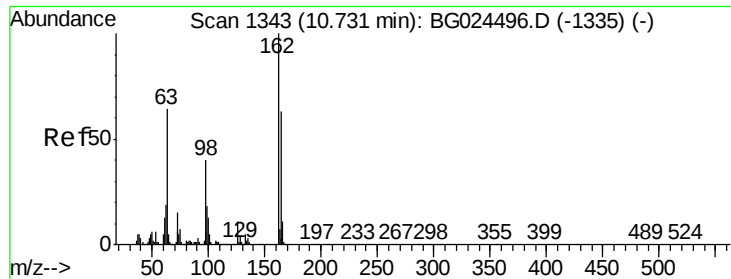
Tgt Ion	Ratio	Lower	Upper
122	100		
107	137.8	104.2	156.4
121	58.2	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.71 ng
 RT: 10.48 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	25.7	38.5
123	9.4	8.3	12.5

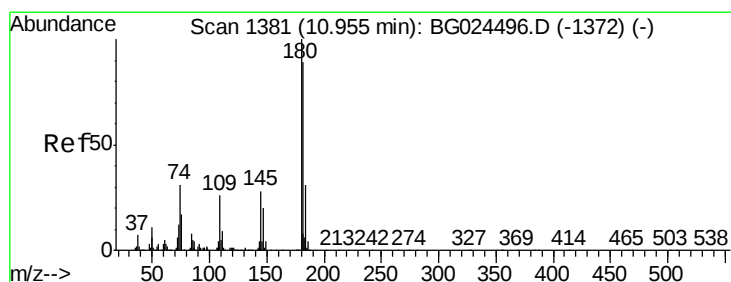
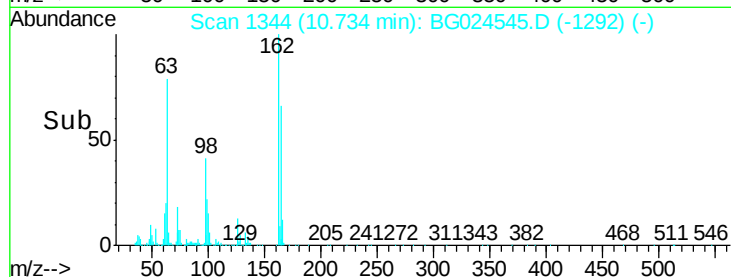
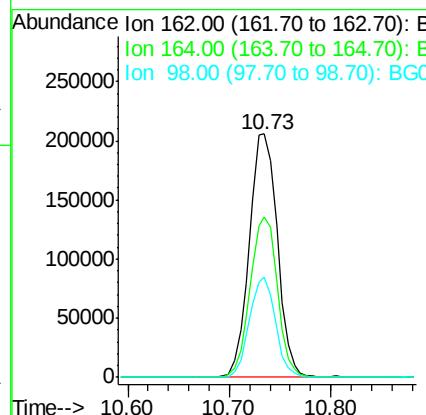
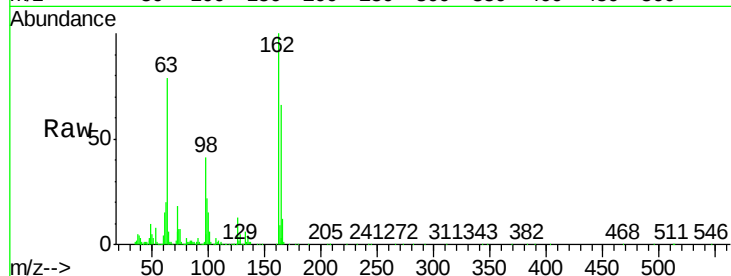




#29
2,4-Dichlorophenol
Concen: 52.81 ng
RT: 10.73 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

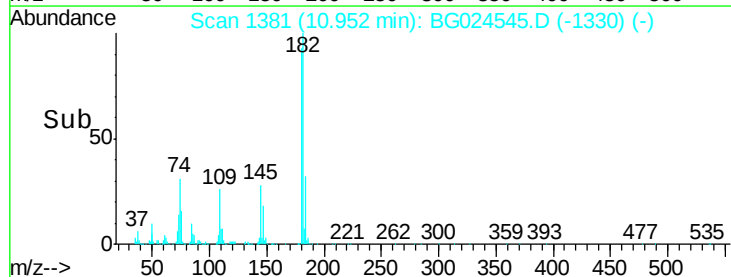
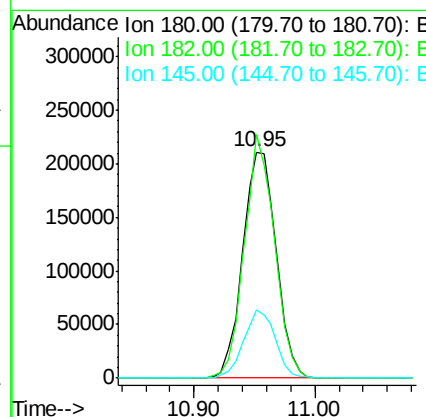
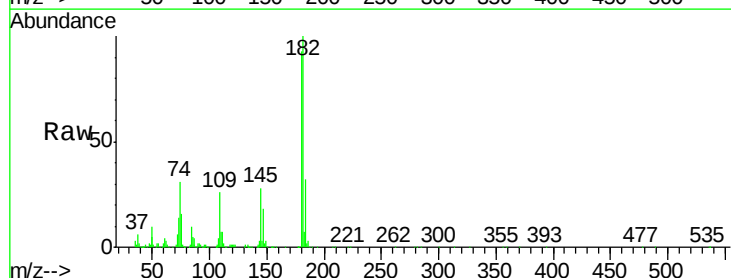
Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MSD

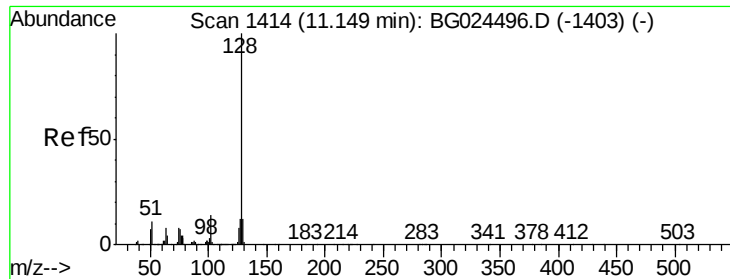
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.0	42.4	82.4
98	41.4	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 45.79 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	107.6	77.0	115.4
145	30.4	23.4	35.0

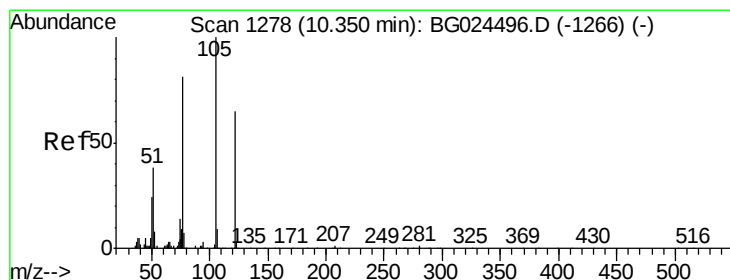
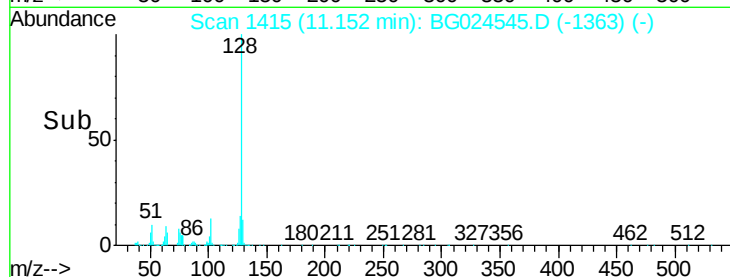
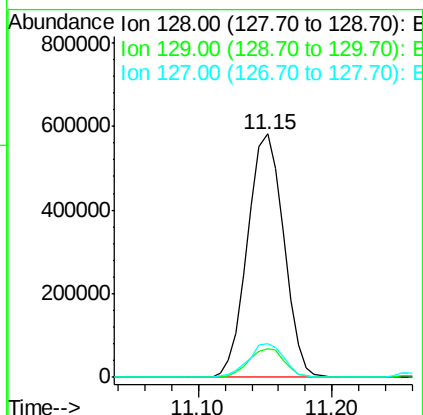
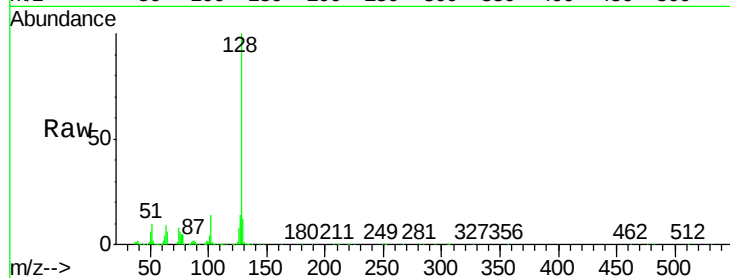




#31
Naphthalene
Concen: 48.64 ng
RT: 11.15 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

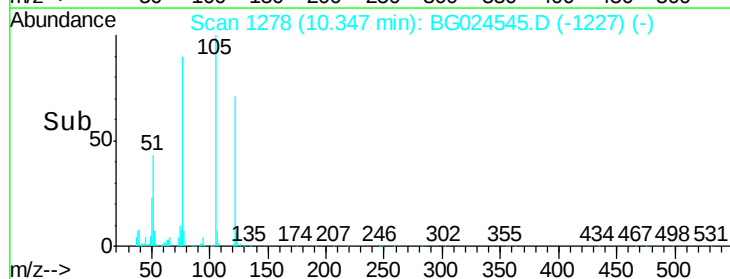
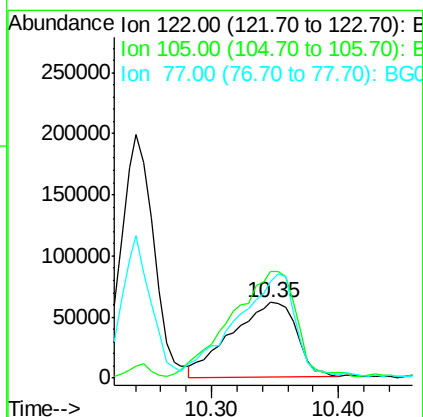
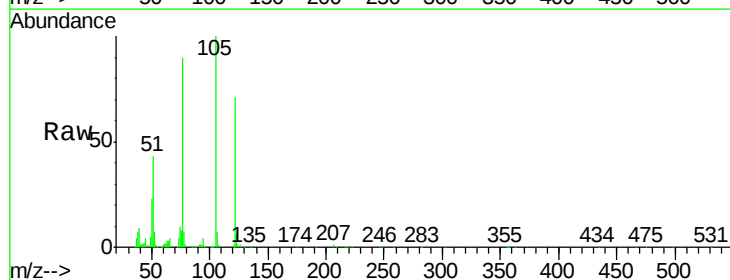
Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MSD

Tgt Ion:128 Resp: 1090159
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 13.8 11.4 17.0



#32
Benzoic acid
Concen: 36.18 ng
RT: 10.35 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion:122 Resp: 214941
Ion Ratio Lower Upper
122 100
105 141.1 120.1 160.1
77 127.5 104.6 144.6

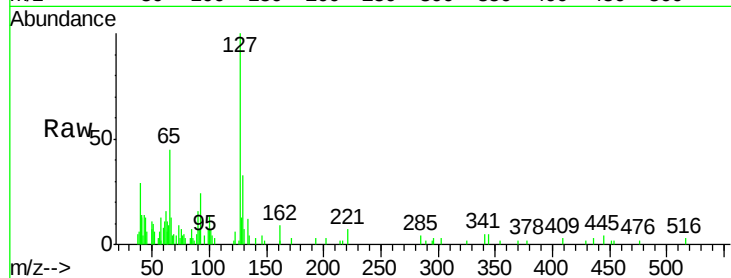




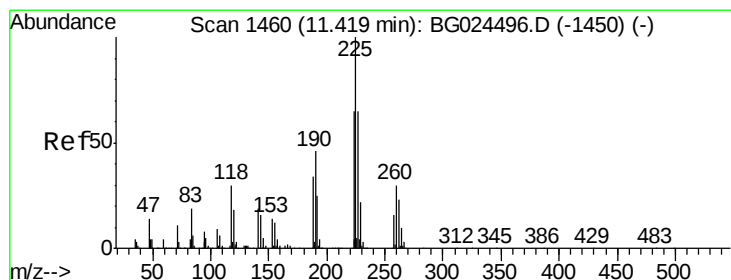
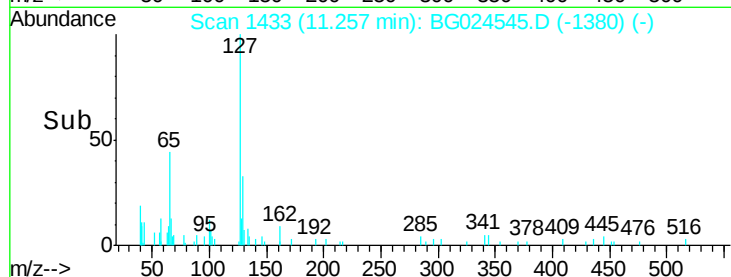
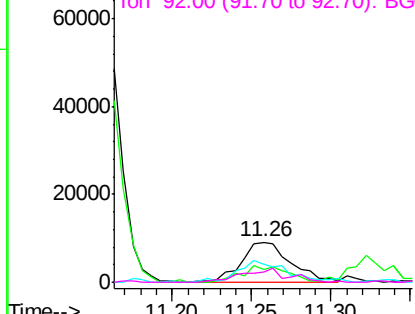
#33
4-Chloroaniline
Concen: 2.01 ng
RT: 11.26 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MSD

Tgt Ion:	127	Resp:	19527
Ion	Ratio	Lower	Upper
127	100		
129	33.1	23.6	35.4
65	45.3	37.7	56.5
92	24.1	17.6	26.4

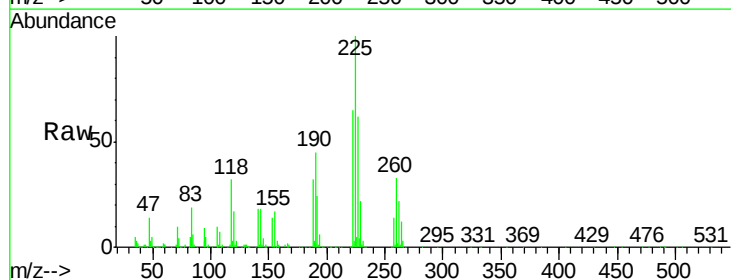


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

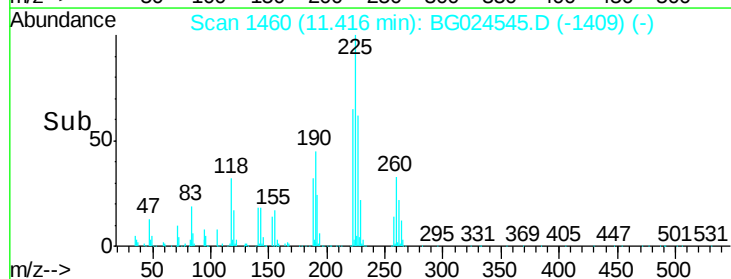
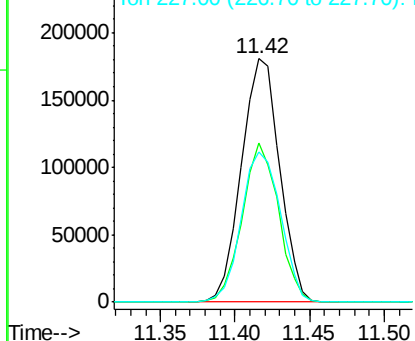


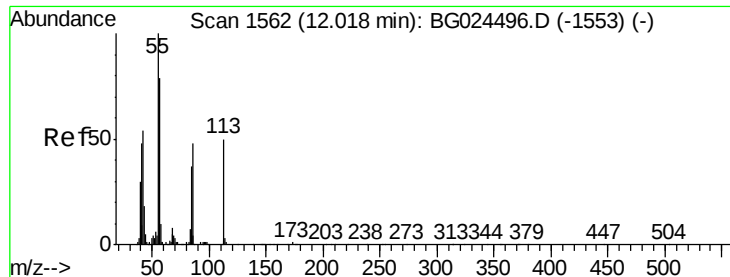
#34
Hexachlorobutadiene
Concen: 46.11 ng
RT: 11.42 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion:	225	Resp:	320575
Ion	Ratio	Lower	Upper
225	100		
223	65.4	50.7	76.1
227	61.9	49.0	73.6



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: 22.45 ng

RT: 12.02 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

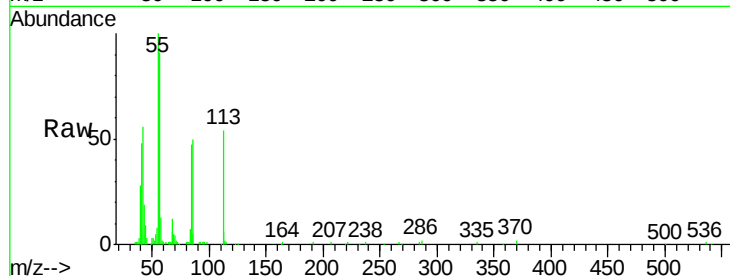
Tgt Ion:113 Resp: 61550

Ion Ratio Lower Upper

113 100

55 186.4 198.6 238.6#

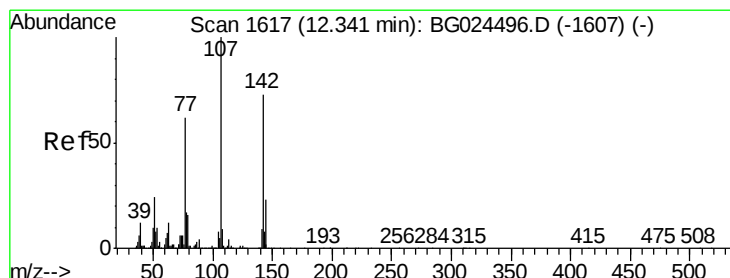
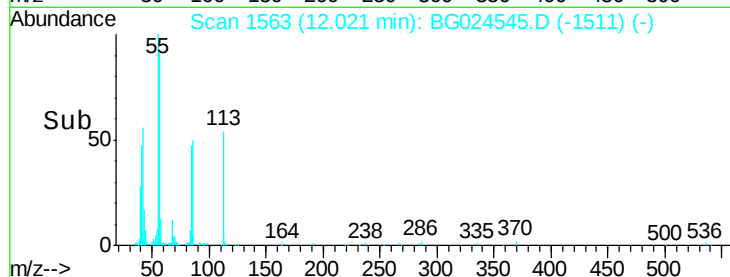
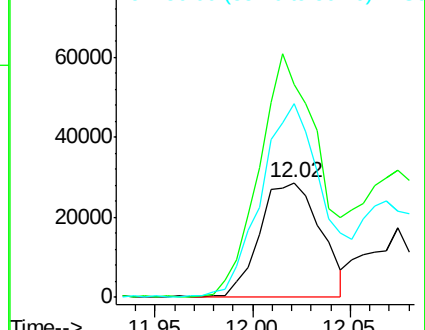
56 169.2 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 50.07 ng

RT: 12.34 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

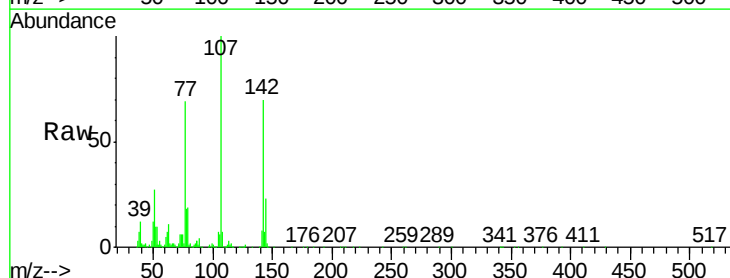
Tgt Ion:107 Resp: 452595

Ion Ratio Lower Upper

107 100

144 23.0 17.4 26.0

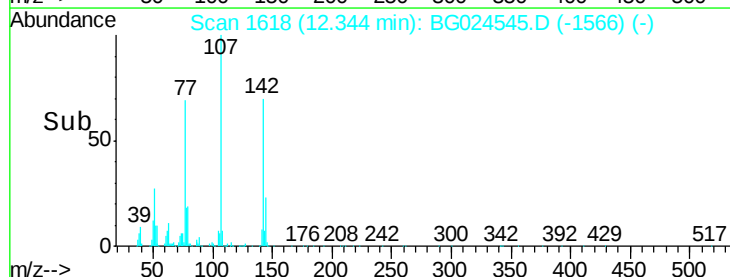
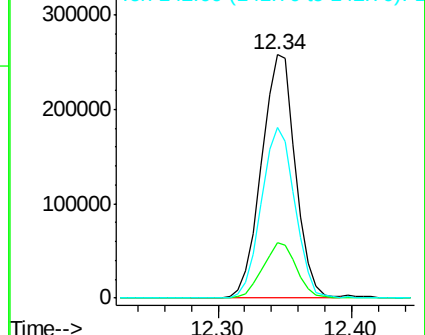
142 70.2 54.1 81.1

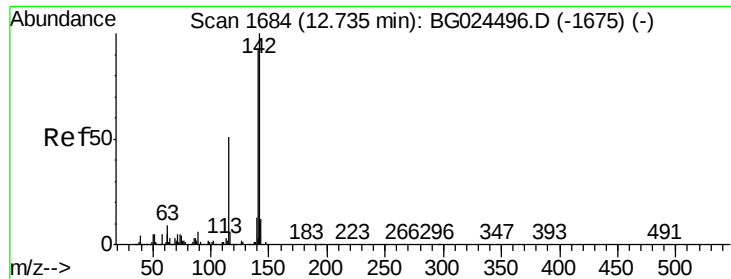


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

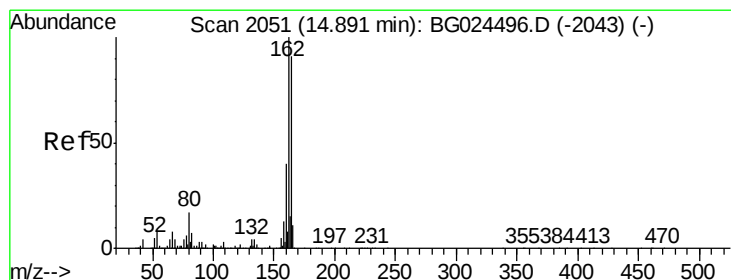
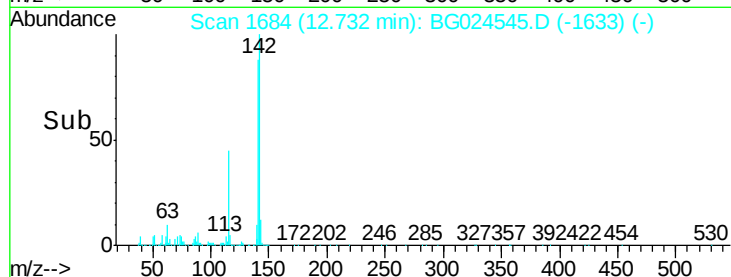
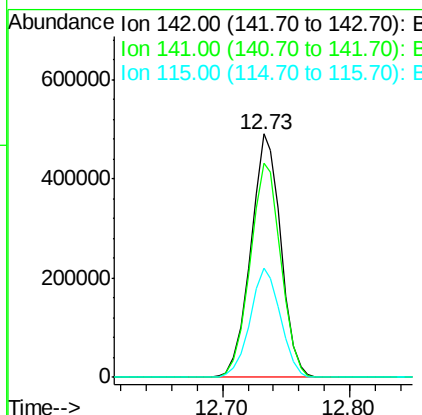
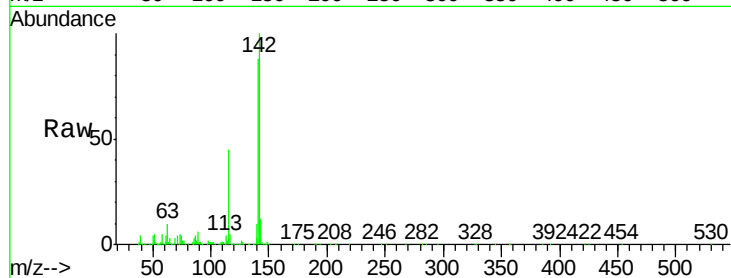




#37
2-Methylnaphthalene
Concen: 49.18 ng
RT: 12.73 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

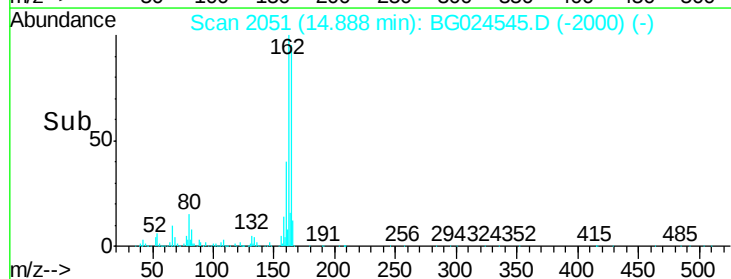
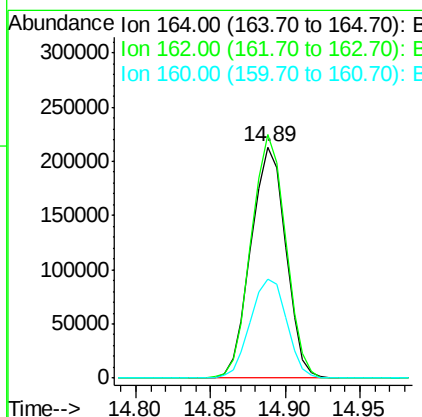
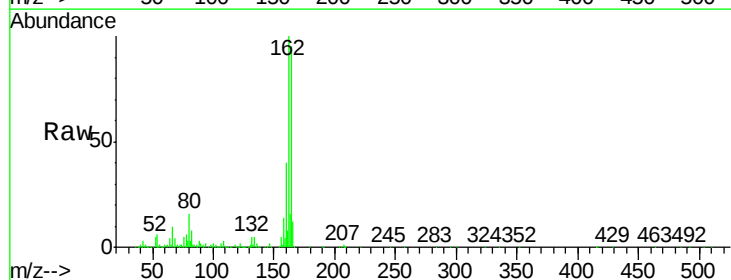
Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MSD

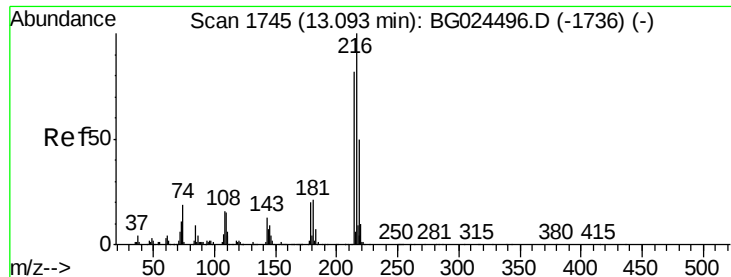
Tgt Ion:142 Resp: 804298
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6
115 44.6 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.89 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion:164 Resp: 343911
Ion Ratio Lower Upper
164 100
162 105.2 85.1 127.7
160 42.5 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.67 ng

RT: 13.09 min Scan# 1745

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

Tgt Ion:216 Resp: 541298

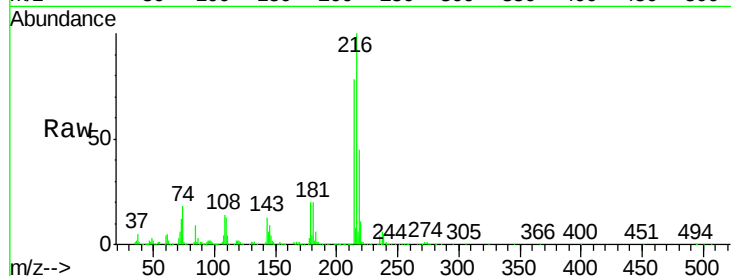
Ion Ratio Lower Upper

216 100

214 78.9 64.4 96.6

179 20.3 17.4 26.0

108 18.5 15.6 23.4

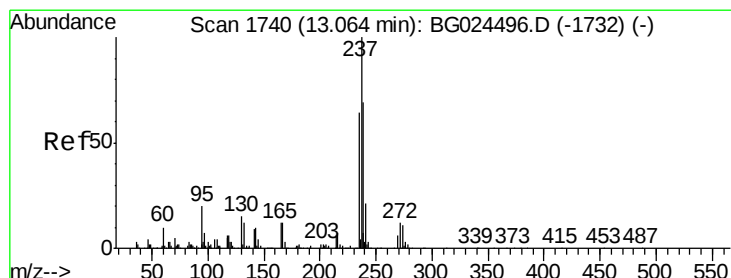
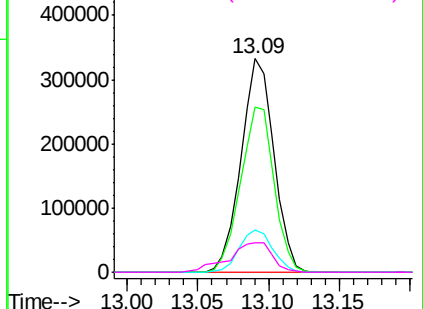
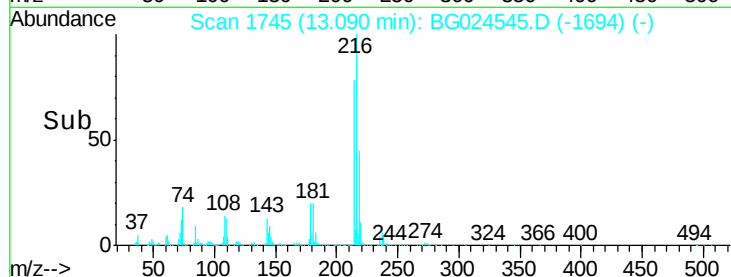


Abundance Ion 216.00 (215.70 to 216.70): E

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: 110.39 ng

RT: 13.06 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

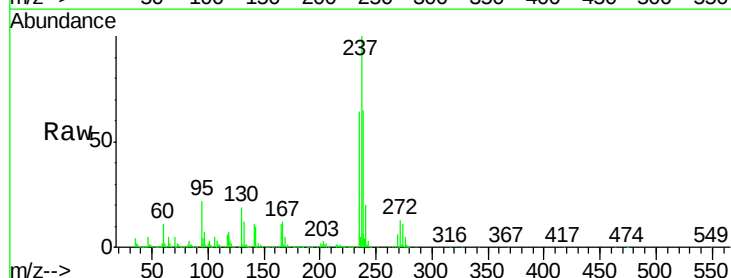
Tgt Ion:237 Resp: 721109

Ion Ratio Lower Upper

237 100

235 64.3 39.4 79.4

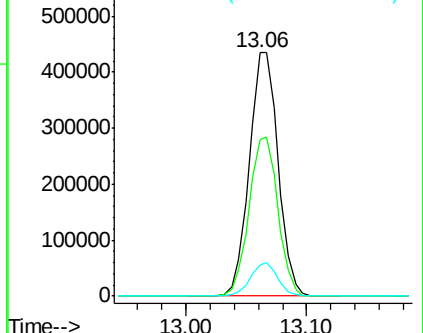
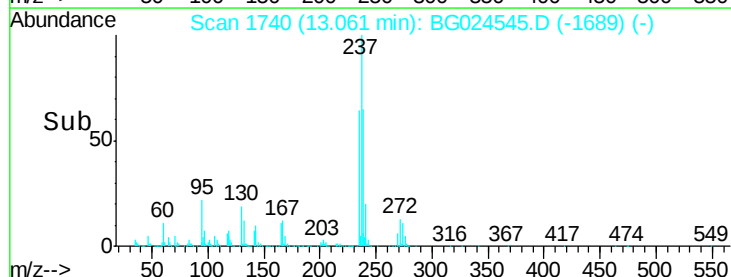
272 13.0 0.0 32.0



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

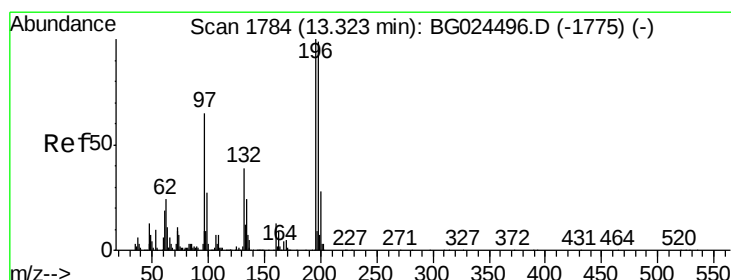
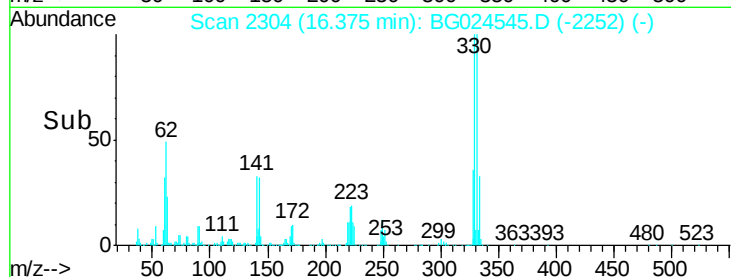
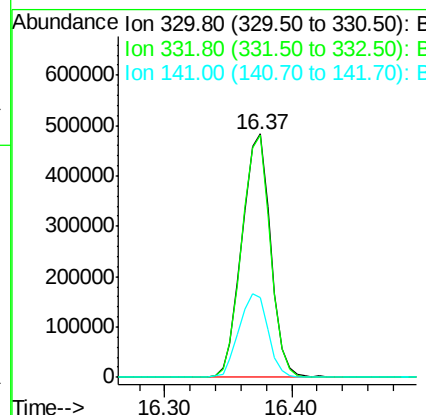
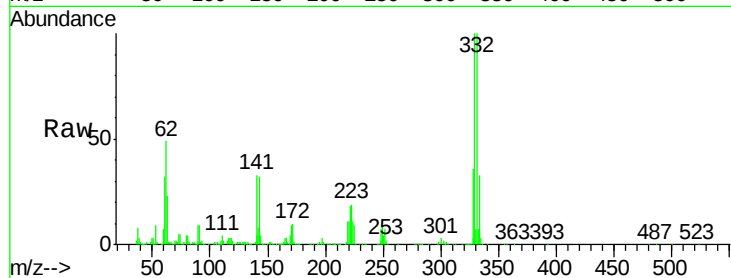




#41
2,4,6-Tribromophenol
Concen: 147.33 ng
RT: 16.37 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

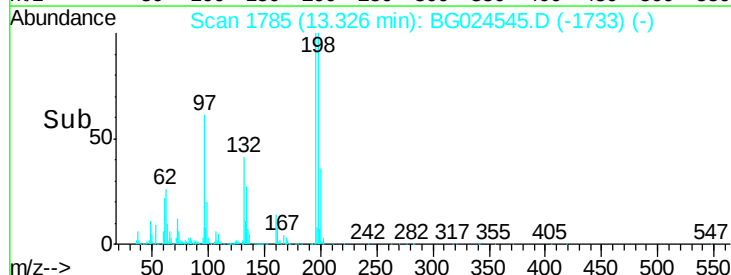
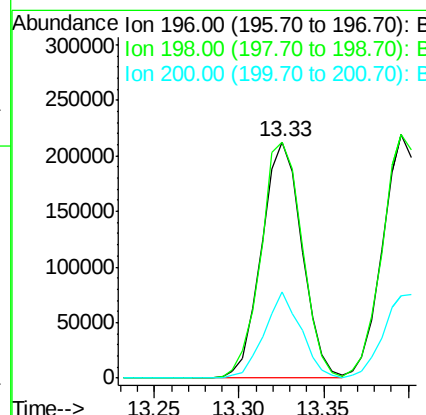
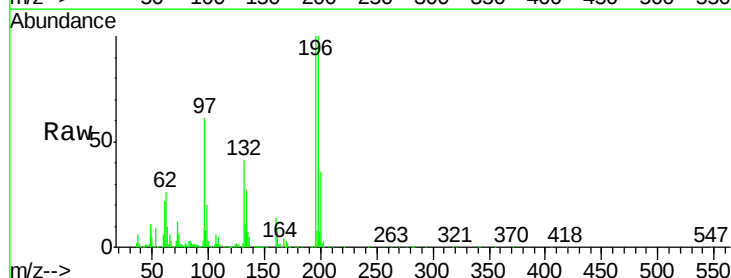
Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.9	77.3	115.9
141	34.9	32.1	48.1



#42
2,4,6-Trichlorophenol
Concen: 50.43 ng
RT: 13.33 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.8	81.4	122.2
200	36.3	27.0	40.6

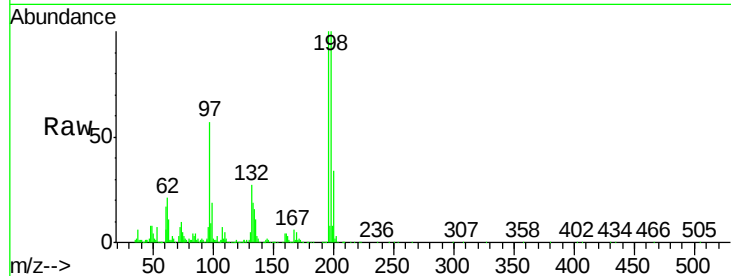




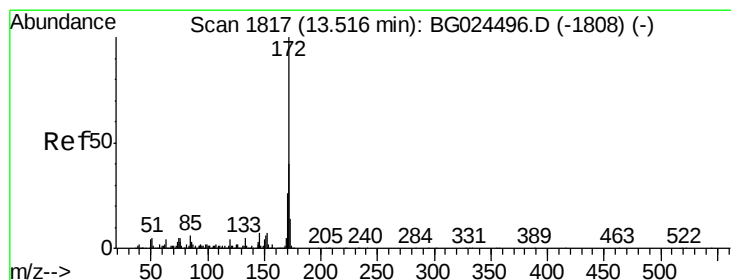
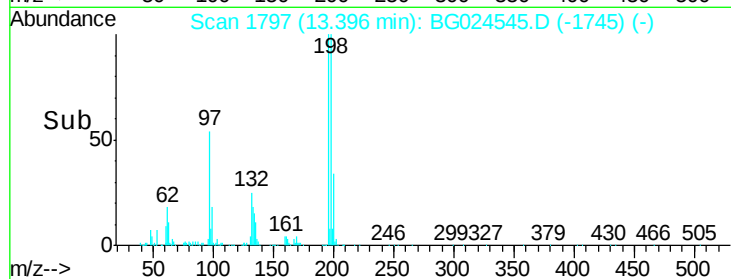
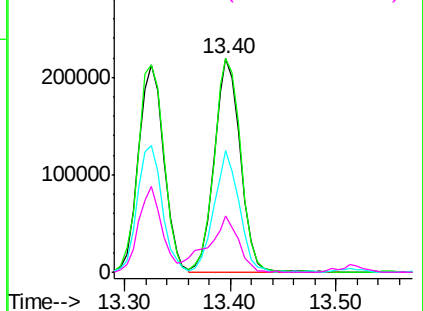
#43
2,4,5-Trichlorophenol
Concen: 50.11 ng
RT: 13.40 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	79.9	119.9
97	57.0	45.4	68.0
132	26.5	20.7	31.1

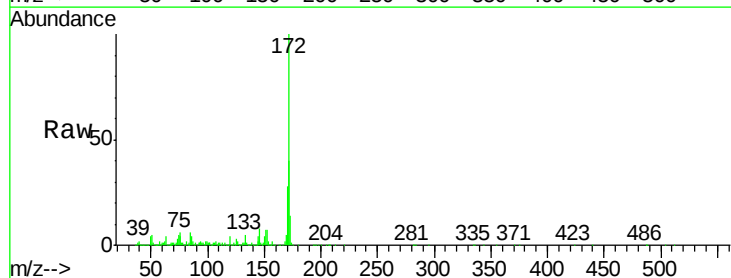


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

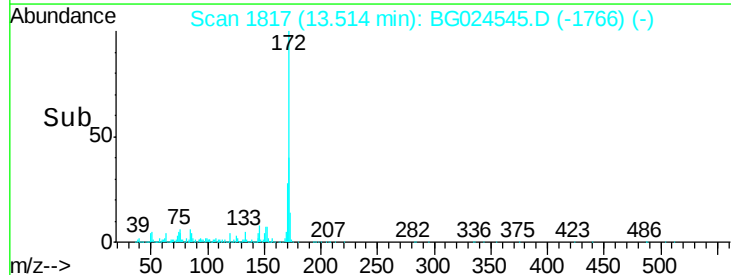
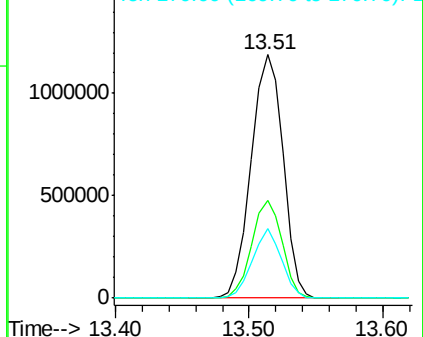


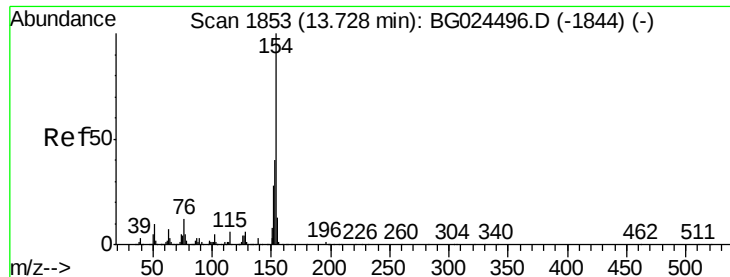
#44
2-Fluorobiphenyl
Concen: 94.69 ng
RT: 13.51 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.4	32.2	48.2
170	28.4	21.8	32.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

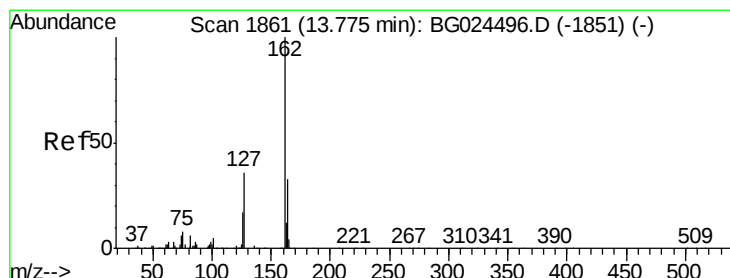
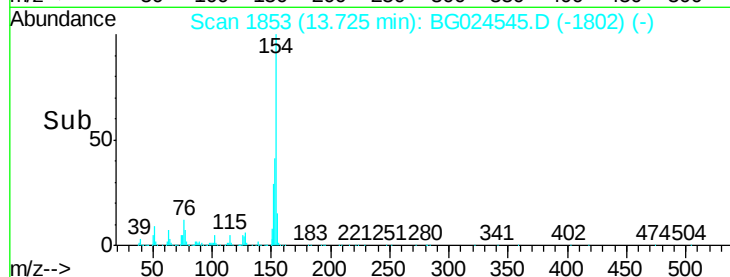
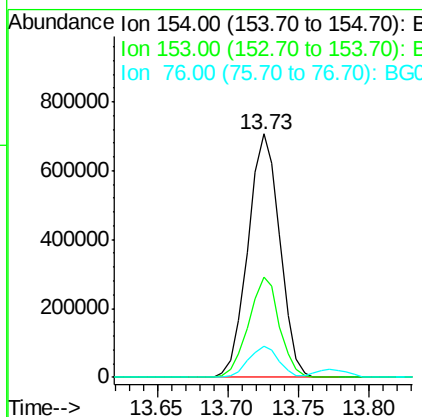
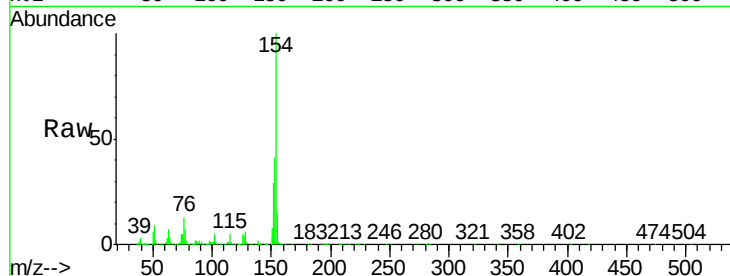




#45
 1,1'-Biphenyl
 Concen: 46.90 ng
 RT: 13.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

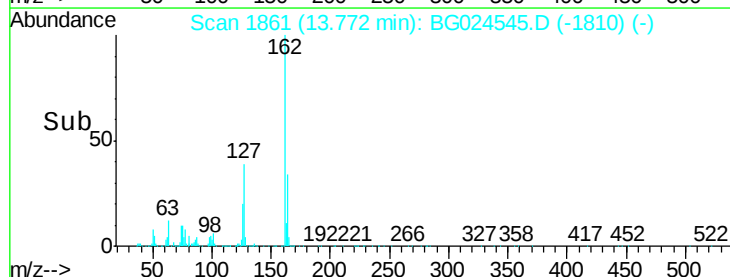
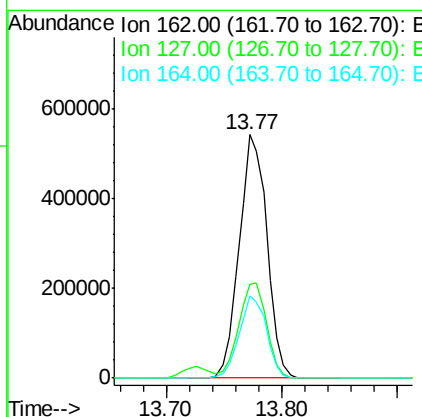
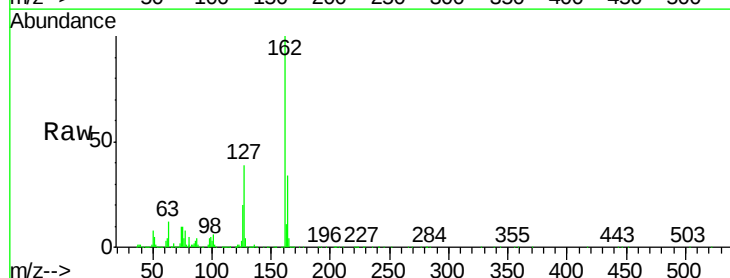
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MSD

Tgt Ion:154 Resp: 1119358
 Ion Ratio Lower Upper
 154 100
 153 41.3 23.0 63.0
 76 12.6 0.0 33.5



#46
 2-Chloronaphthalene
 Concen: 49.33 ng
 RT: 13.77 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Tgt Ion:162 Resp: 896425
 Ion Ratio Lower Upper
 162 100
 127 38.8 32.2 48.4
 164 34.0 27.3 40.9

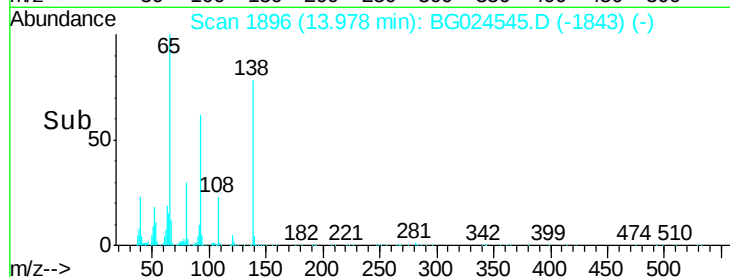
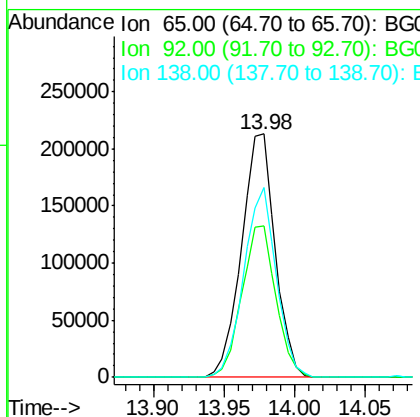
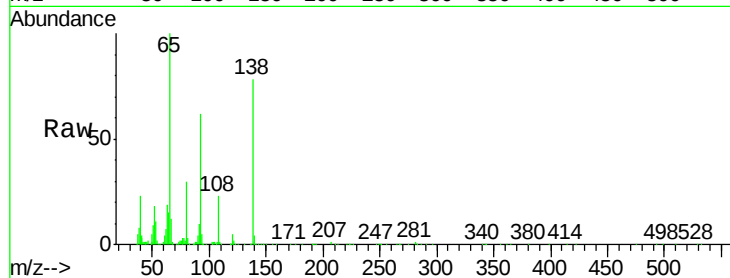




#47
2-Nitroaniline
Concen: 47.86 ng
RT: 13.98 min Scan# 1896
Delta R.T. 0.01 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

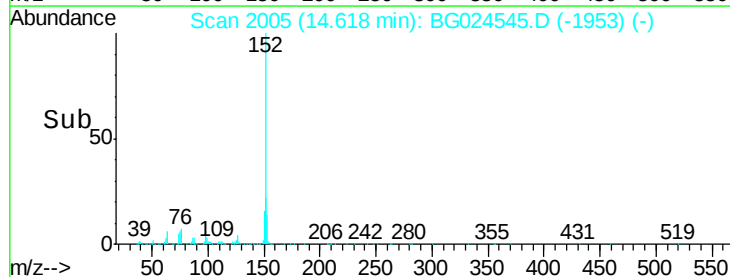
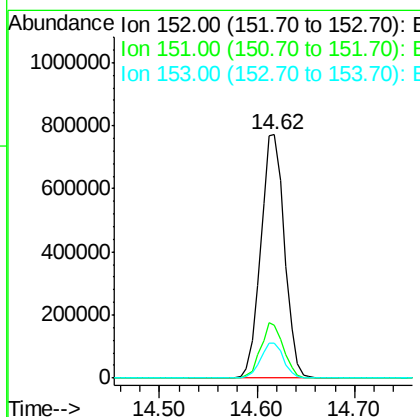
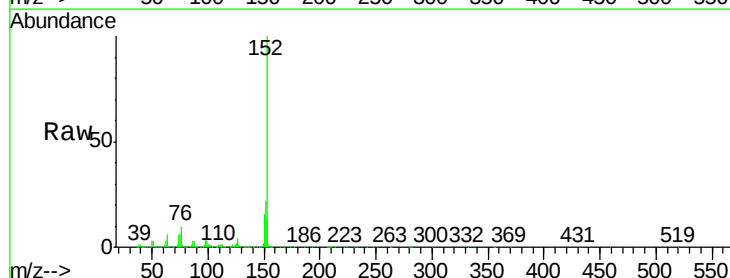
Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MSD

Tgt Ion: 65 Resp: 356106
Ion Ratio Lower Upper
65 100
92 62.1 49.0 73.4
138 77.8 58.6 87.8



#48
Acenaphthylene
Concen: 47.52 ng
RT: 14.62 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion: 152 Resp: 1324358
Ion Ratio Lower Upper
152 100
151 21.6 18.2 27.2
153 14.3 11.3 16.9





#49

Dimethylphthalate

Concen: 49.50 ng

RT: 14.33 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

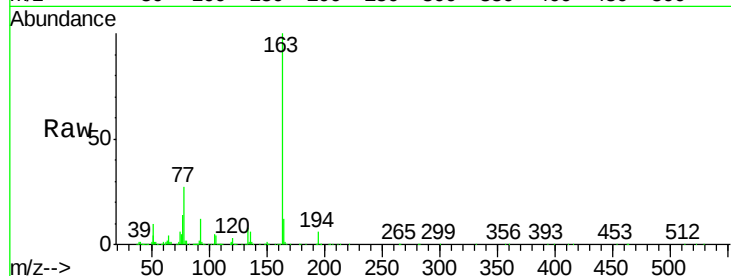
Tgt Ion:163 Resp: 1208471

Ion Ratio Lower Upper

163 100

194 5.6 3.8 5.6

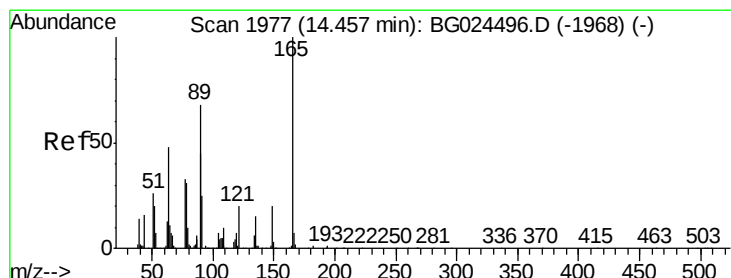
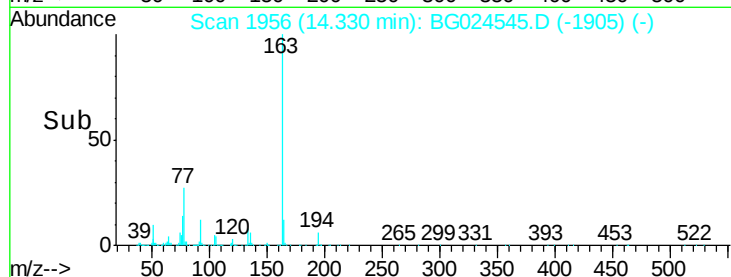
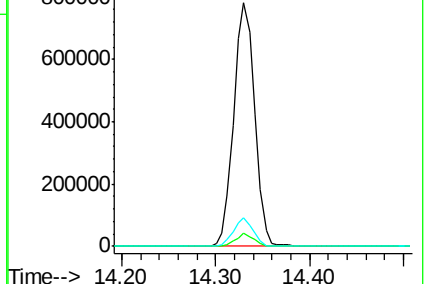
164 11.9 9.3 13.9



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: 52.63 ng

RT: 14.46 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

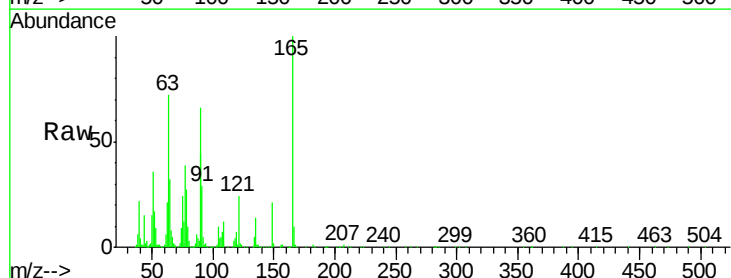
Tgt Ion:165 Resp: 274322

Ion Ratio Lower Upper

165 100

63 72.0 63.9 95.9

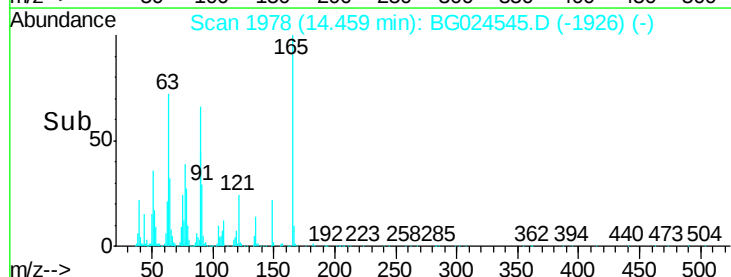
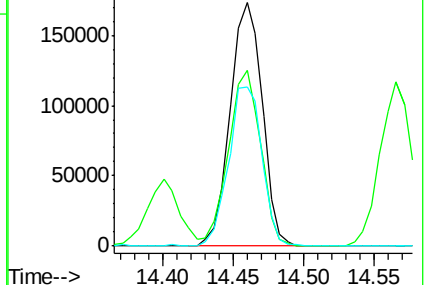
89 65.6 58.6 88.0

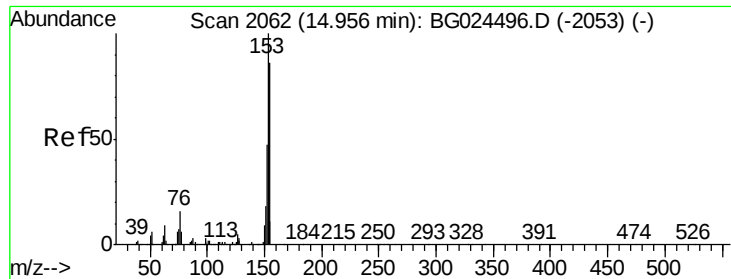


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.96 ng

RT: 14.95 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

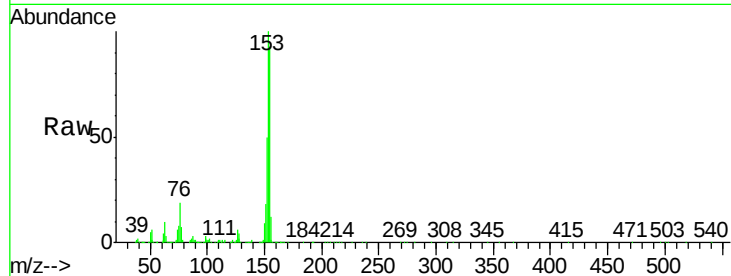
Tgt Ion:154 Resp: 871695

Ion Ratio Lower Upper

154 100

153 107.4 87.8 131.6

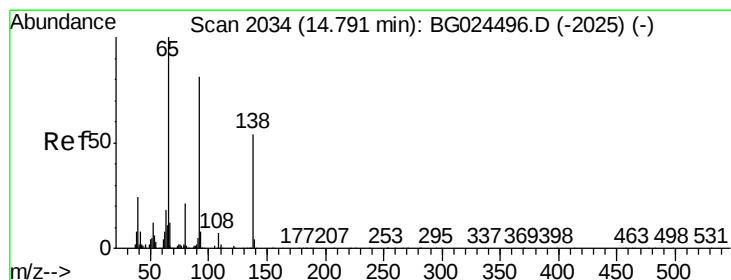
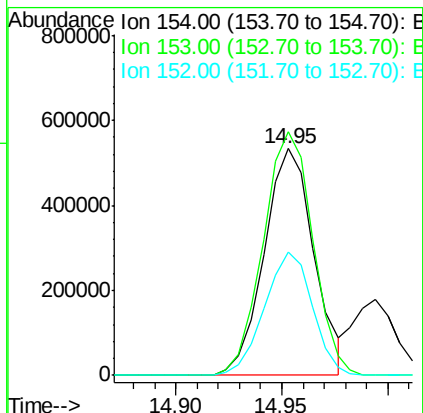
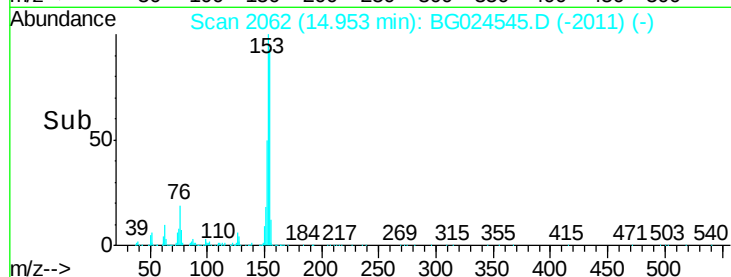
152 54.2 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 8.17 ng

RT: 14.79 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

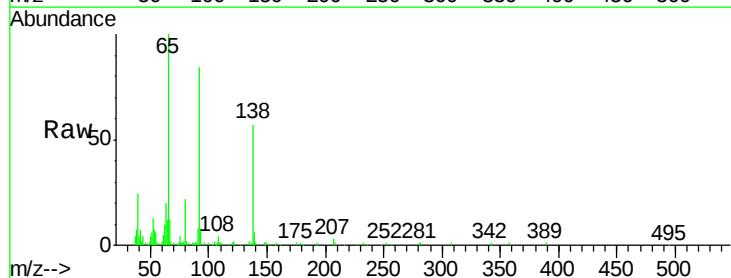
Tgt Ion:138 Resp: 44064

Ion Ratio Lower Upper

138 100

108 7.6 10.9 16.3#

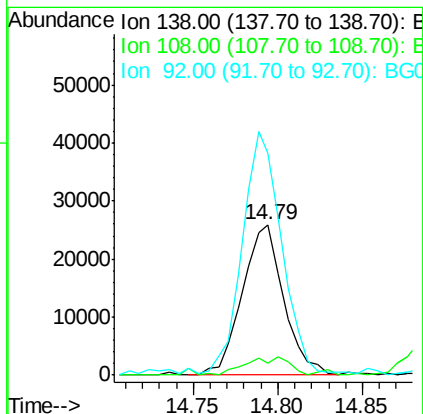
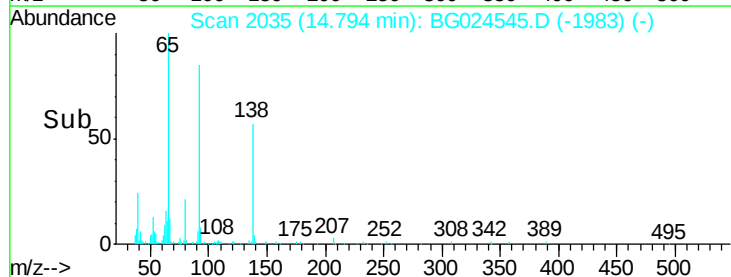
92 147.9 115.3 172.9

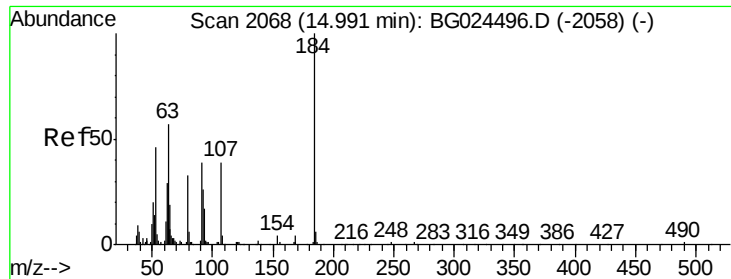


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 99.85 ng

RT: 14.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

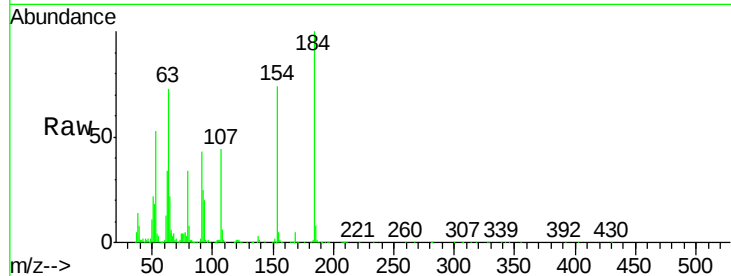
Tgt Ion:184 Resp: 377130

Ion Ratio Lower Upper

184 100

63 73.3 52.7 79.1

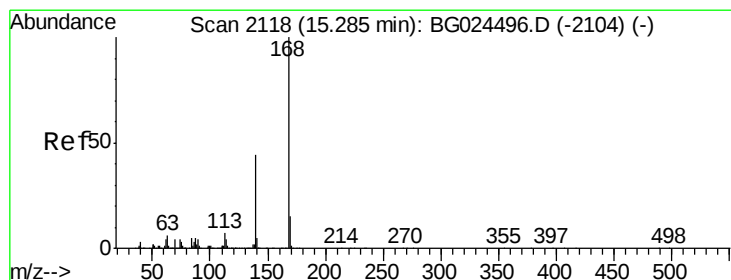
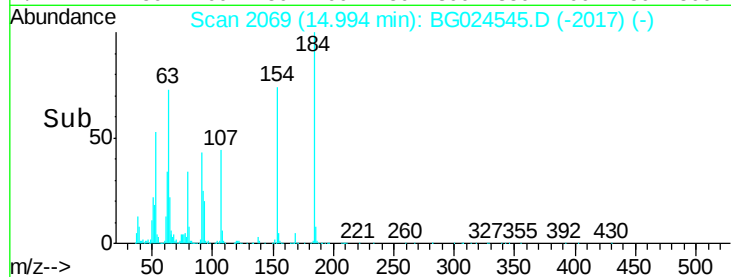
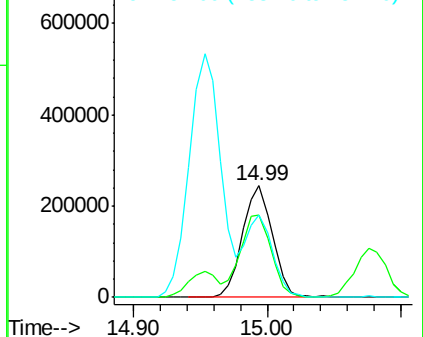
154 73.6 57.3 85.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG024496.D (-2058) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 48.62 ng

RT: 15.28 min Scan# 2118

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

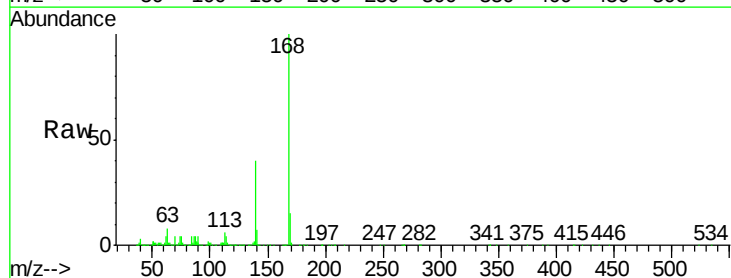
Tgt Ion:168 Resp: 1396582

Ion Ratio Lower Upper

168 100

139 40.5 35.3 52.9

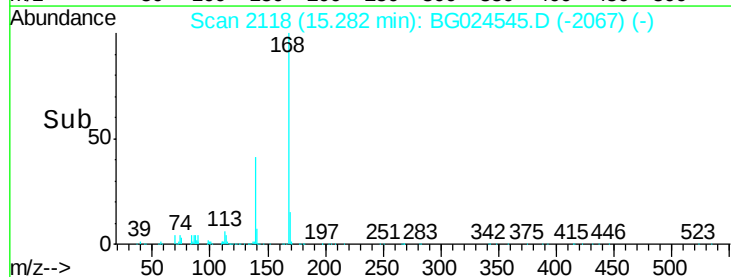
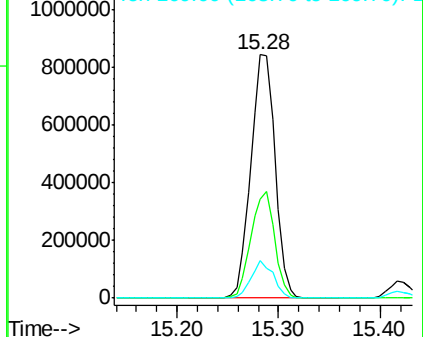
169 15.3 11.5 17.3

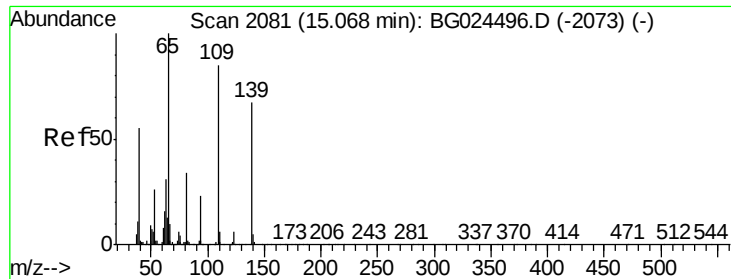


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

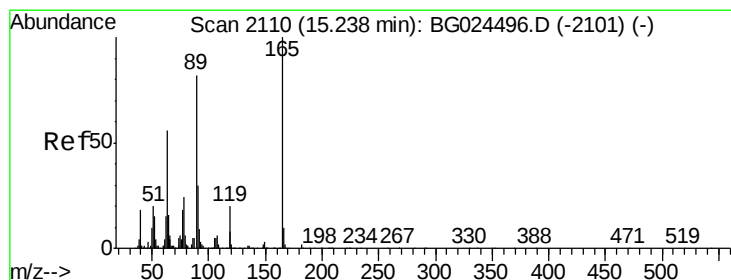
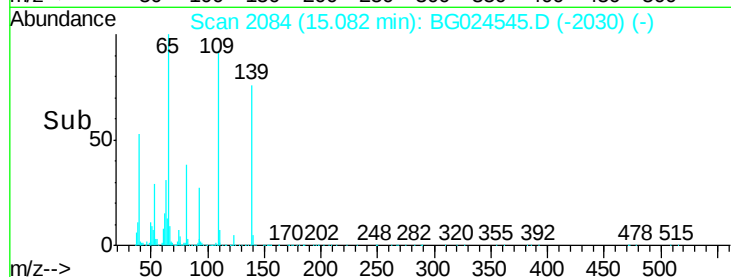
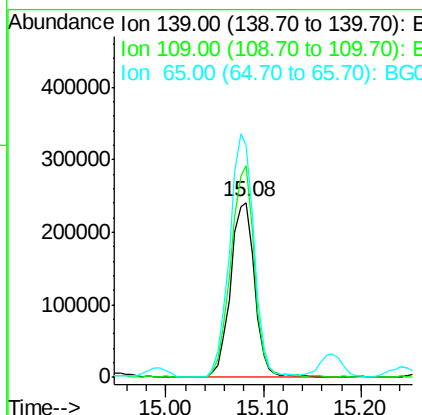
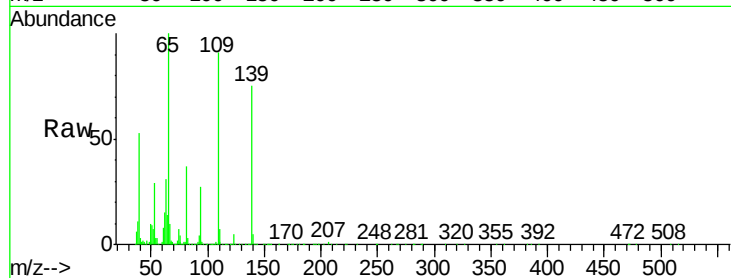




#55
4-Nitrophenol
Concen: 88.52 ng
RT: 15.08 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

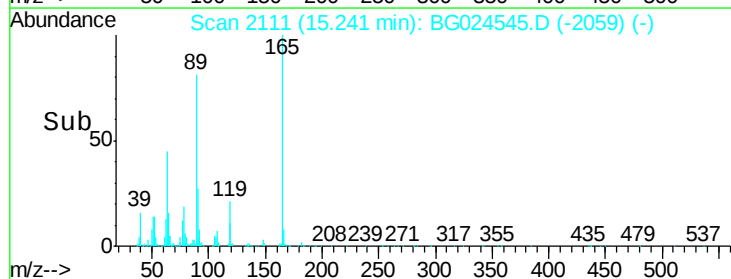
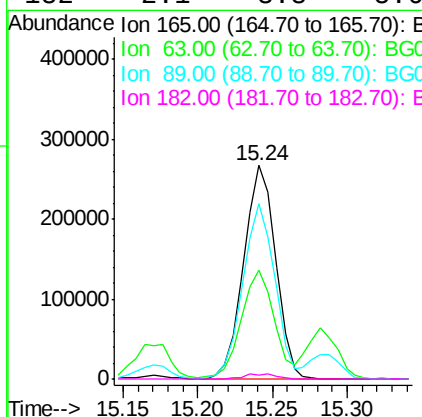
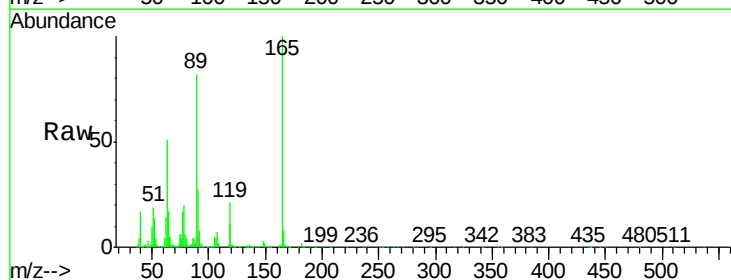
Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MSD

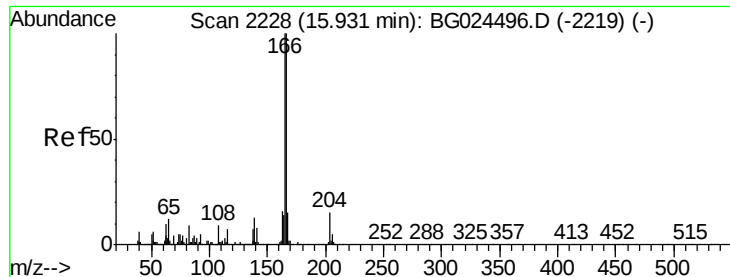
Tgt Ion:139 Resp: 415957
Ion Ratio Lower Upper
139 100
109 121.2 101.2 141.2
65 133.2 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 52.19 ng
RT: 15.24 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion:165 Resp: 395318
Ion Ratio Lower Upper
165 100
63 51.0 44.0 66.0
89 81.8 67.3 100.9
182 2.1 3.8 5.6#





#57

Fluorene

Concen: 46.83 ng

RT: 15.93 min Scan# 2229

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

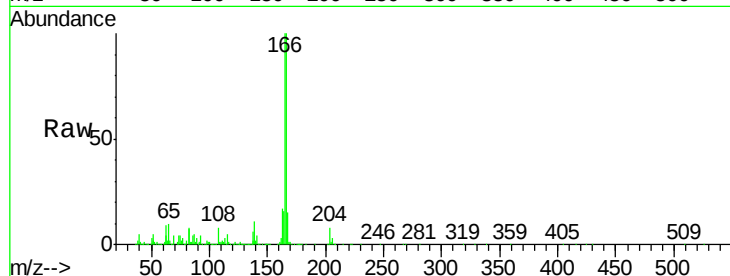
Tgt Ion:166 Resp: 1115313

Ion Ratio Lower Upper

166 100

165 99.7 78.6 117.8

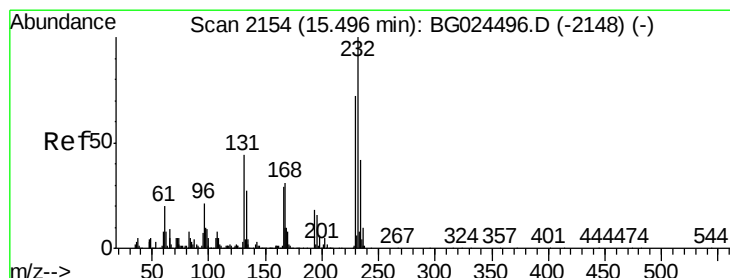
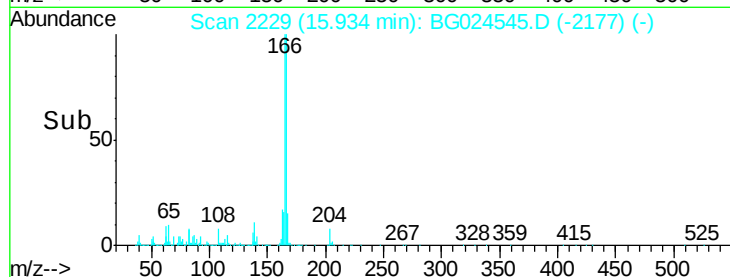
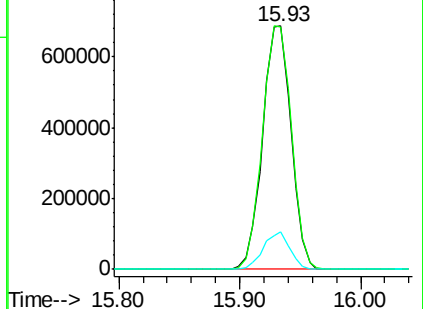
167 15.2 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.03 ng

RT: 15.50 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Tgt Ion:232 Resp: 398783

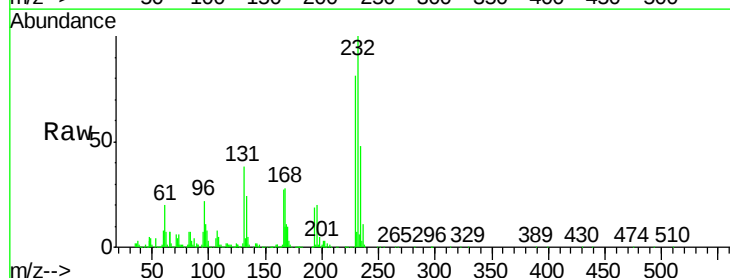
Ion Ratio Lower Upper

232 100

131 38.2 34.9 52.3

130 2.6 2.3 3.5

166 26.4 24.2 36.4

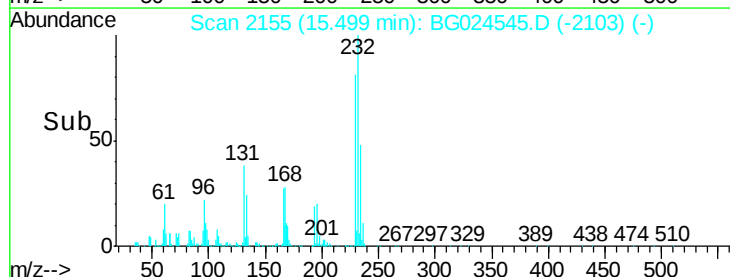
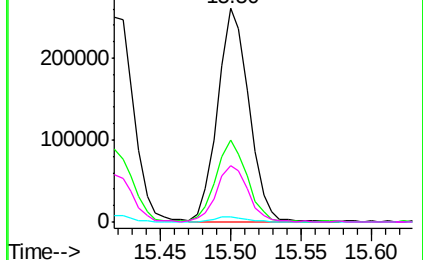


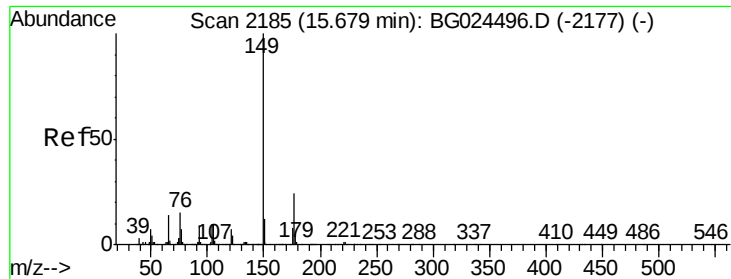
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 47.78 ng

RT: 15.68 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

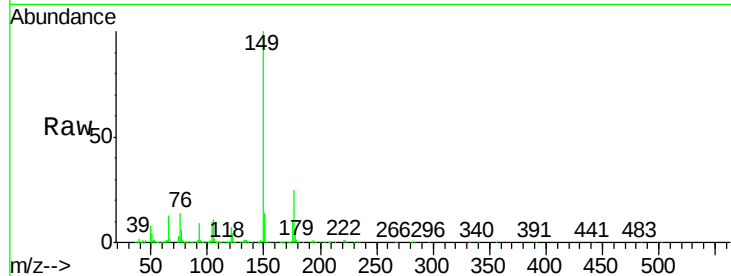
Tgt Ion:149 Resp: 1223070

Ion Ratio Lower Upper

149 100

177 25.3 20.1 30.1

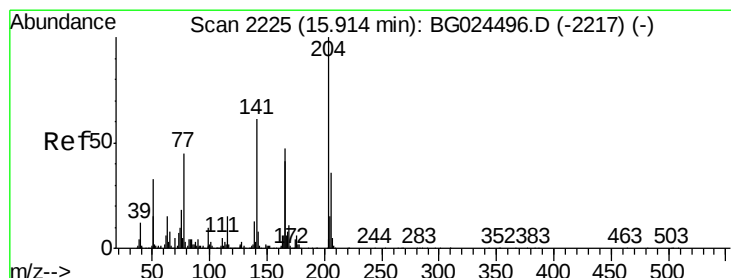
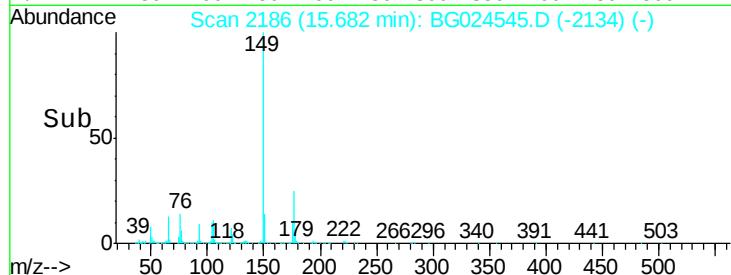
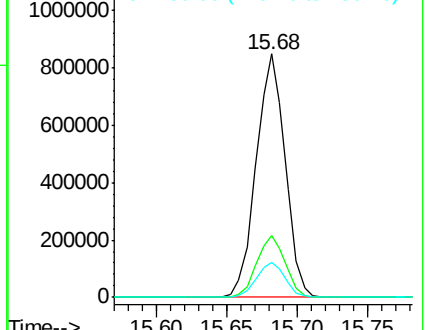
150 14.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 49.95 ng

RT: 15.92 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

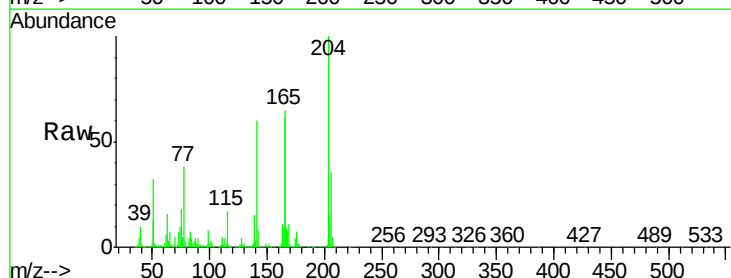
Tgt Ion:204 Resp: 667562

Ion Ratio Lower Upper

204 100

206 36.0 30.1 45.1

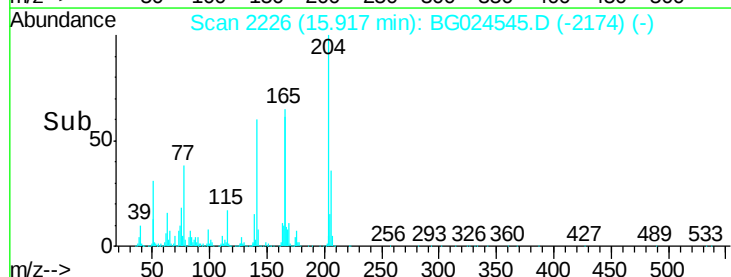
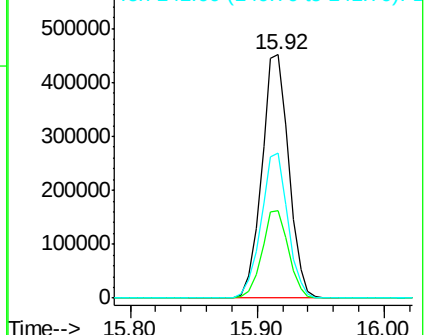
141 59.8 50.6 76.0

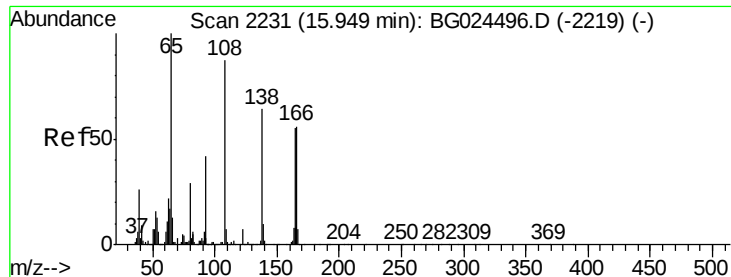


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

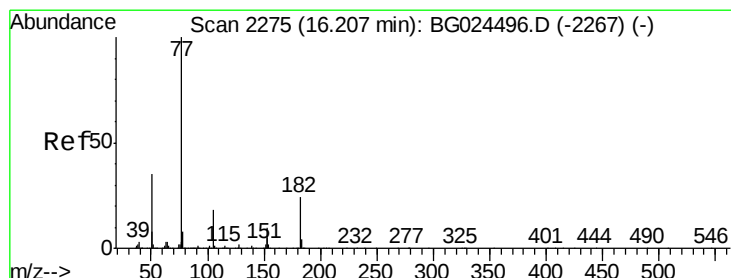
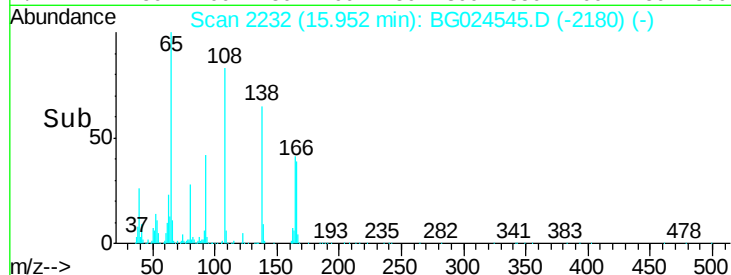
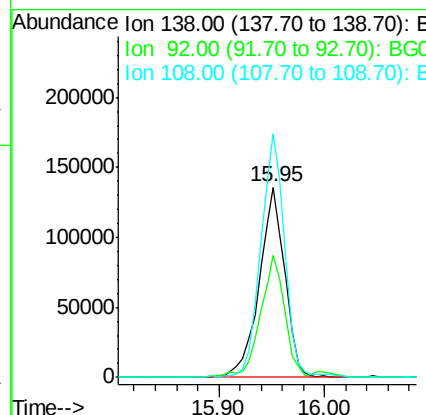
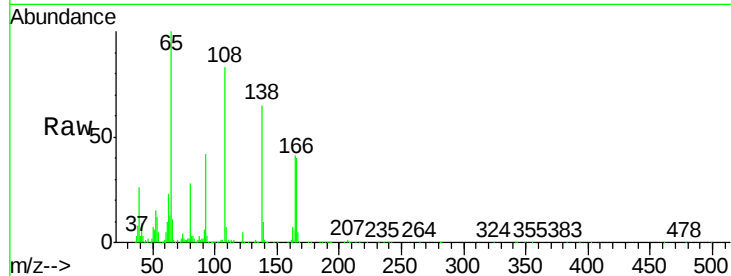




#61
4-Nitroaniline
Concen: 39.01 ng
RT: 15.95 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

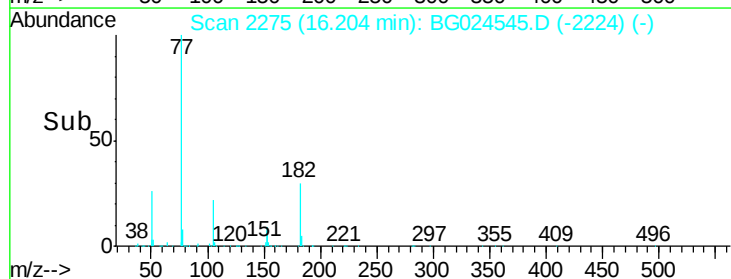
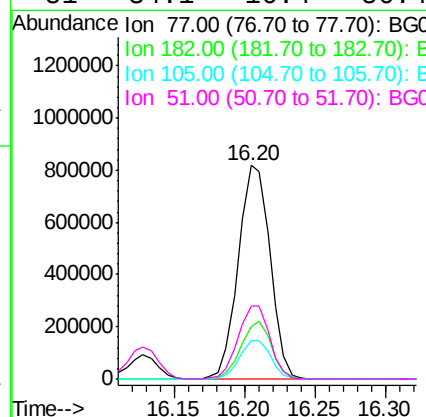
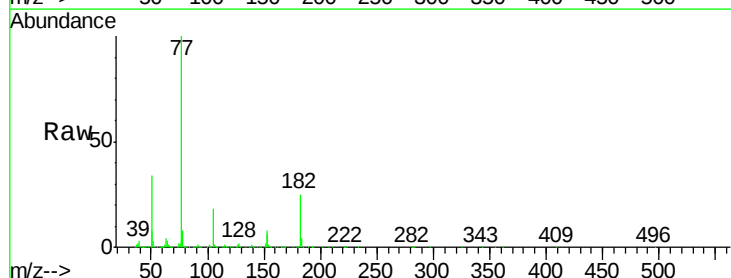
Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MSD

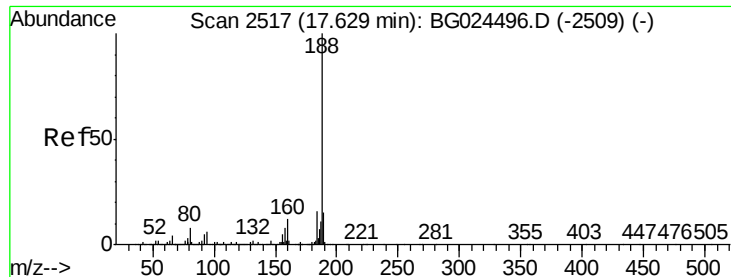
Tgt Ion:138 Resp: 229871
Ion Ratio Lower Upper
138 100
92 63.9 44.2 84.2
108 128.1 104.8 144.8



#62
Azobenzene
Concen: 50.42 ng
RT: 16.20 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion: 77 Resp: 1287231
Ion Ratio Lower Upper
77 100
182 24.8 4.7 44.7
105 18.1 0.0 36.3
51 34.1 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

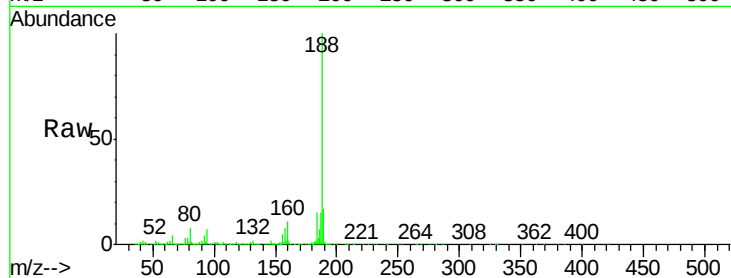
Tgt Ion:188 Resp: 754372

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

80 8.2 7.5 11.3

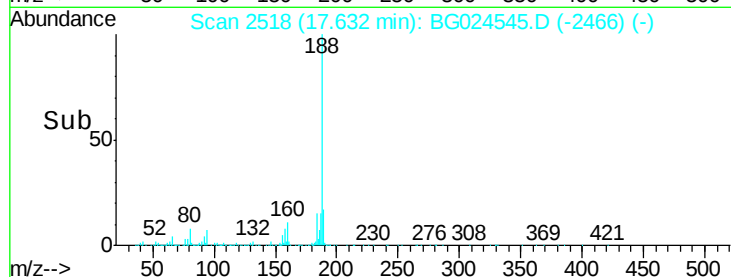


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



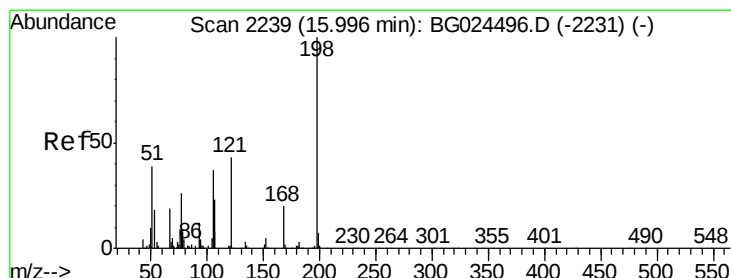
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 52.54 ng

RT: 16.00 min Scan# 2240

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

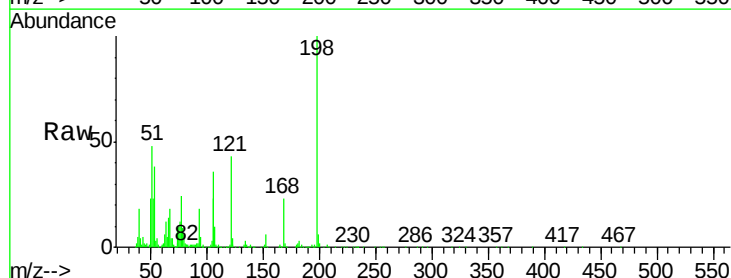
Tgt Ion:198 Resp: 273081

Ion Ratio Lower Upper

198 100

51 47.8 22.6 62.6

105 36.3 14.4 54.4

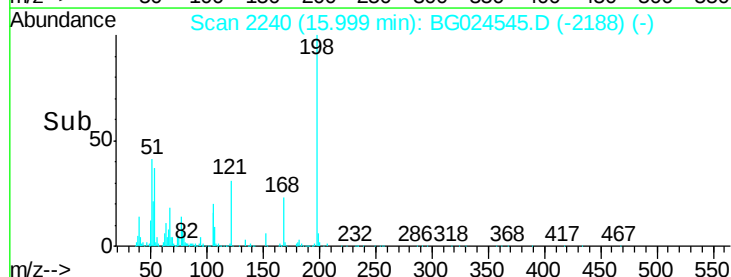


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

Time-->



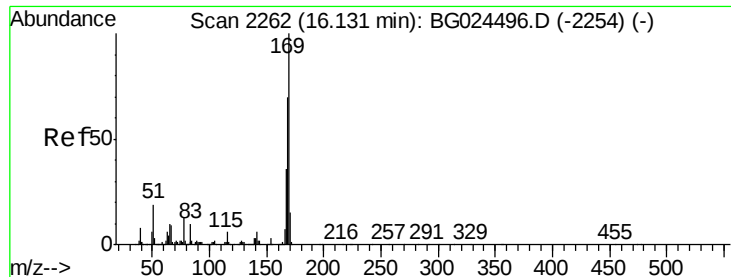
Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

Time-->



#65

n-Nitrosodiphenylamine

Concen: 50.60 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

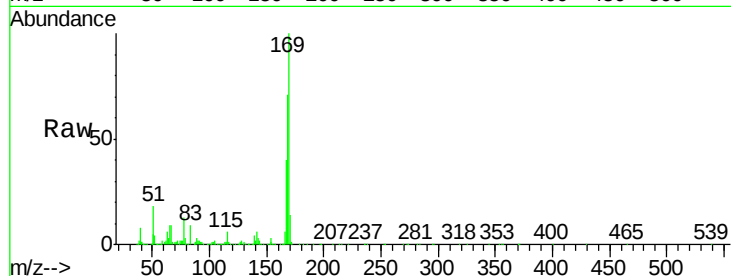
Tgt Ion:169 Resp: 1043473

Ion Ratio Lower Upper

169 100

168 70.5 55.7 83.5

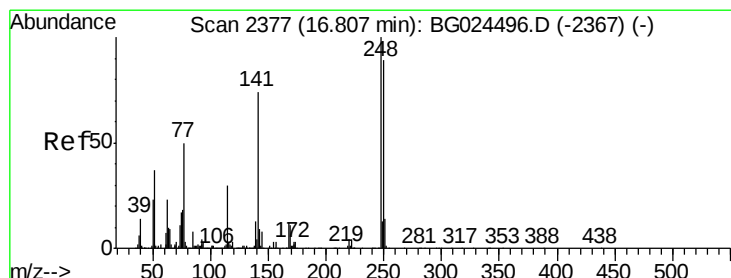
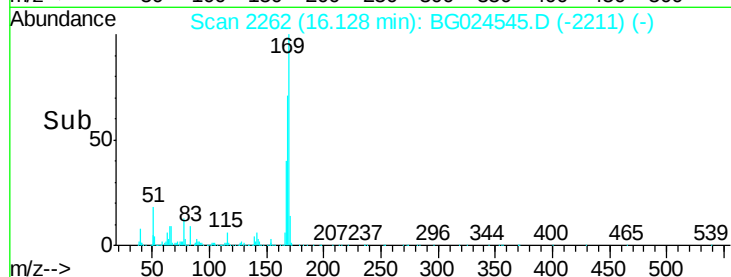
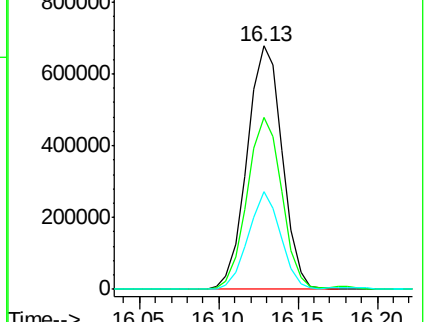
167 39.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.95 ng

RT: 16.81 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

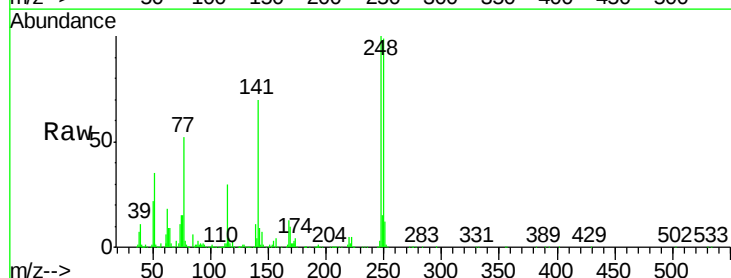
Tgt Ion:248 Resp: 475707

Ion Ratio Lower Upper

248 100

250 99.4 75.0 112.6

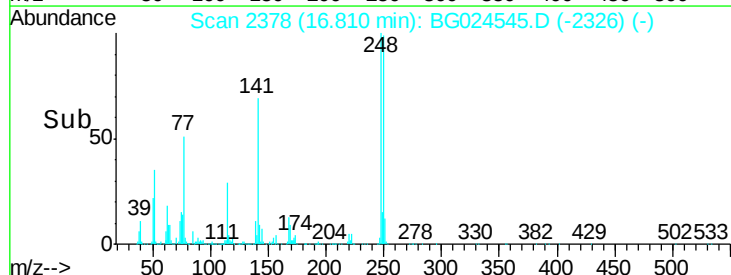
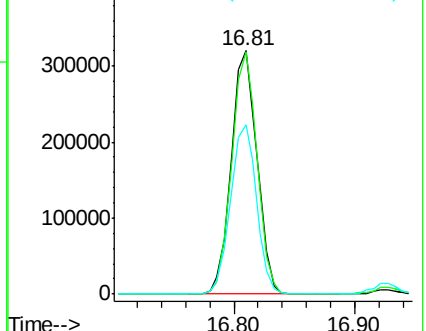
141 69.5 55.2 82.8

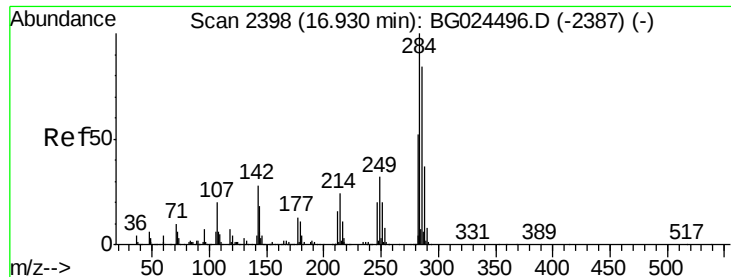


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

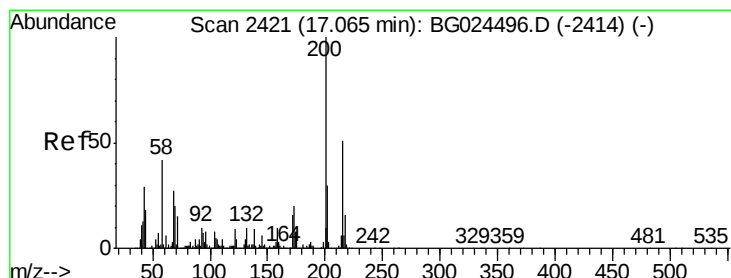
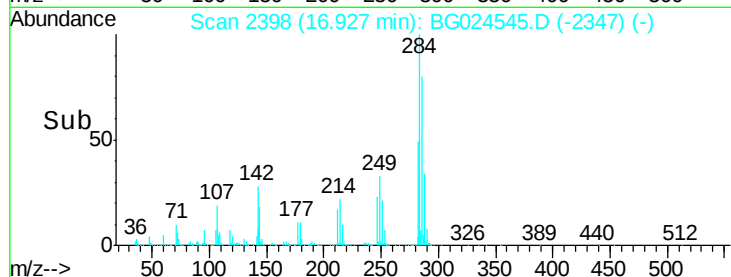
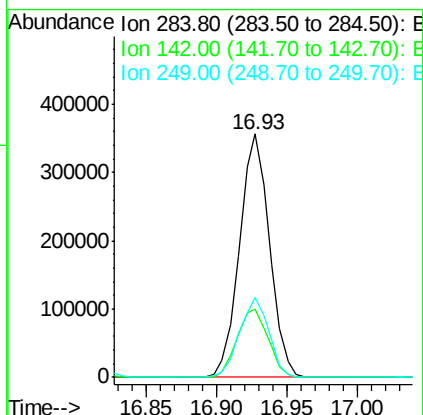
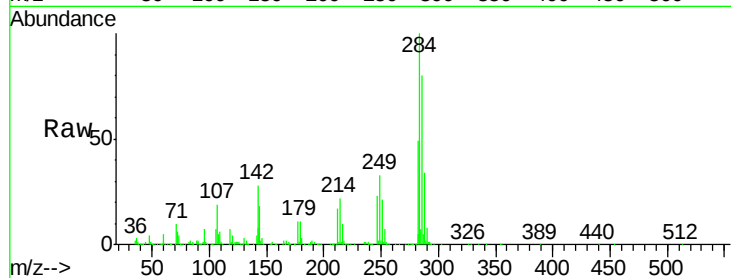




#67
Hexachlorobenzene
Concen: 52.13 ng
RT: 16.93 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

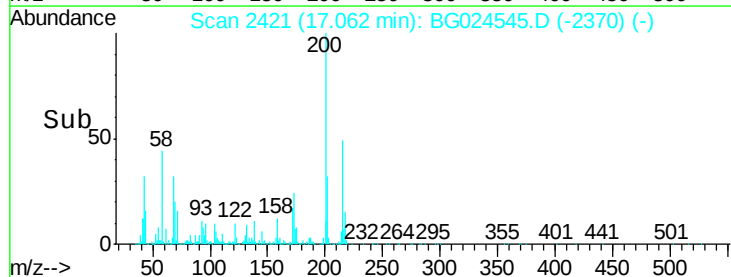
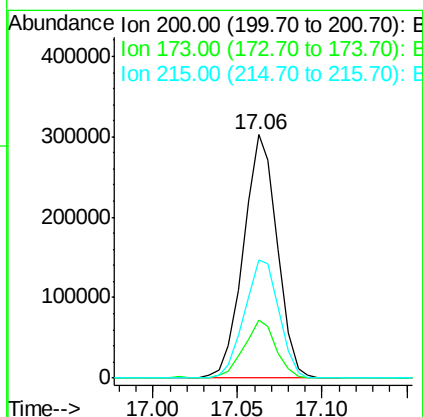
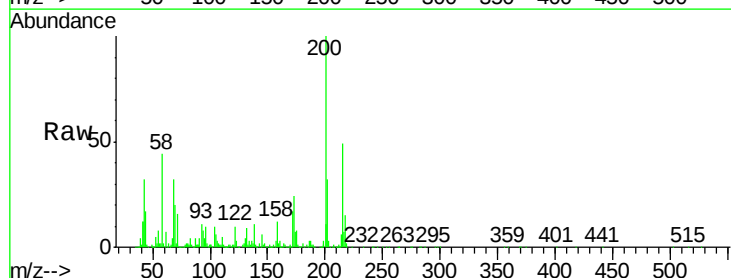
Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MSD

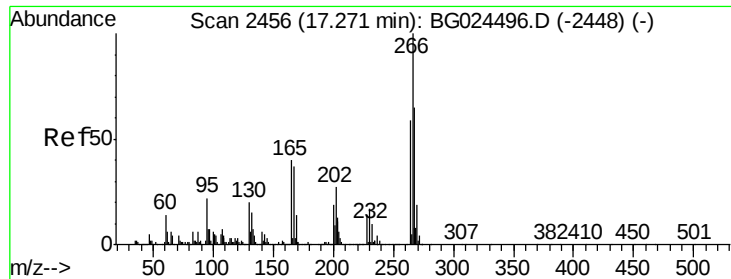
Tgt Ion:284 Resp: 527514
Ion Ratio Lower Upper
284 100
142 28.2 29.9 44.9#
249 32.9 29.2 43.8



#68
Atrazine
Concen: 47.35 ng
RT: 17.06 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG024545.D
Acq: 28 Oct 2016 18:59

Tgt Ion:200 Resp: 418876
Ion Ratio Lower Upper
200 100
173 24.0 3.0 43.0
215 48.7 28.4 68.4

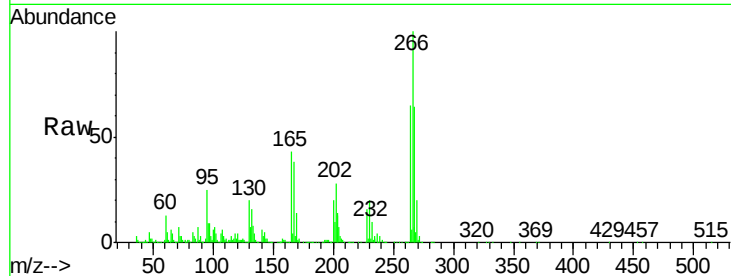




#69
 Pentachlorophenol
 Concen: 101.58 ng
 RT: 17.27 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	48.6	72.8
264	64.6	50.1	75.1

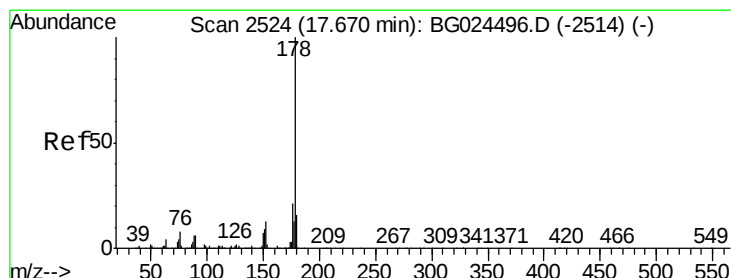
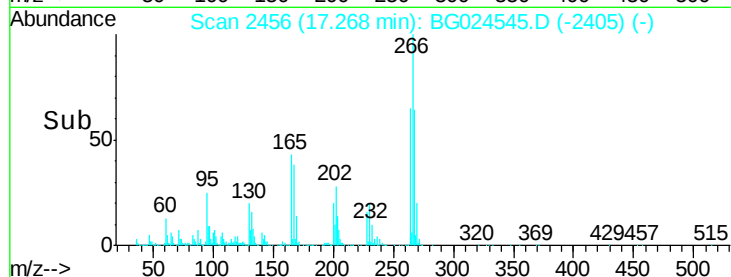
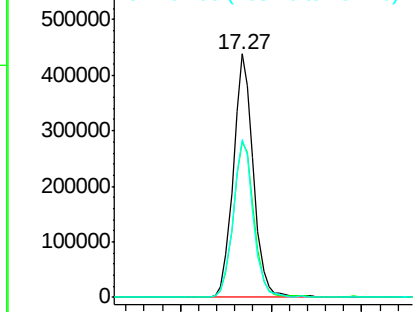


Abundance

Ion 265.70 (265.40 to 266.40): E

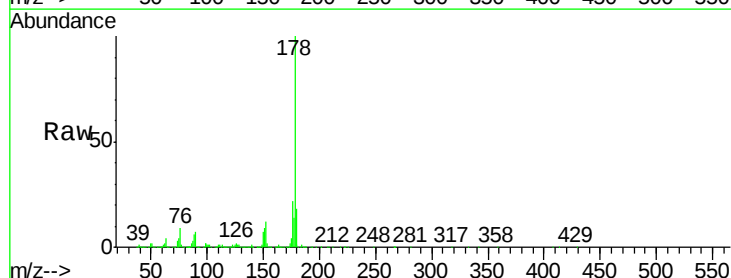
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 49.80 ng
 RT: 17.67 min Scan# 2525
 Delta R.T. 0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.7	17.7	26.5
179	17.8	15.0	22.6

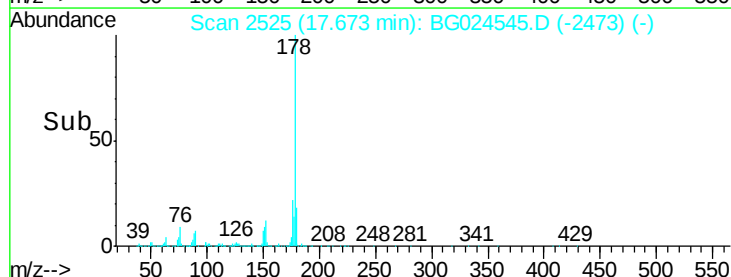
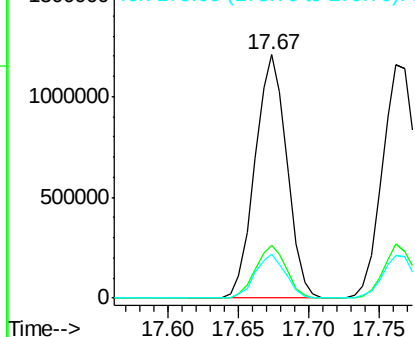


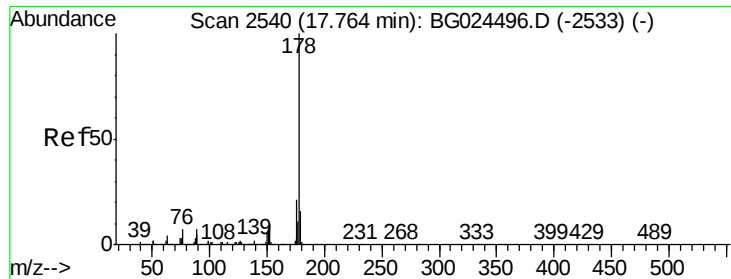
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

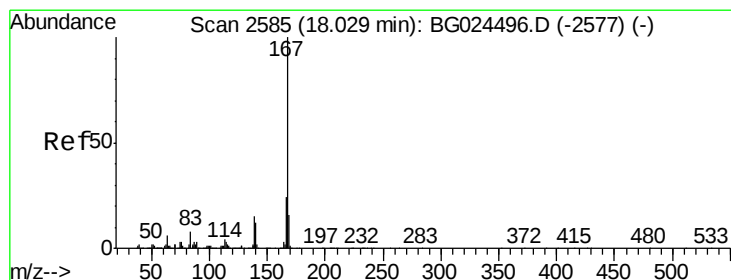
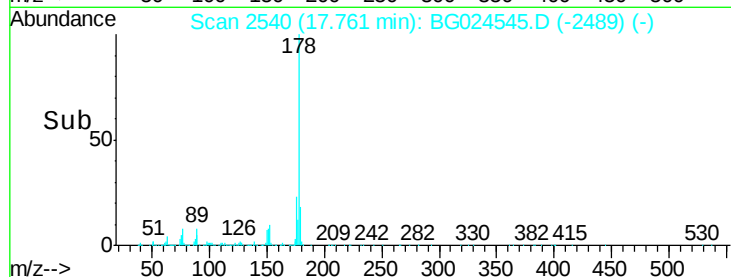
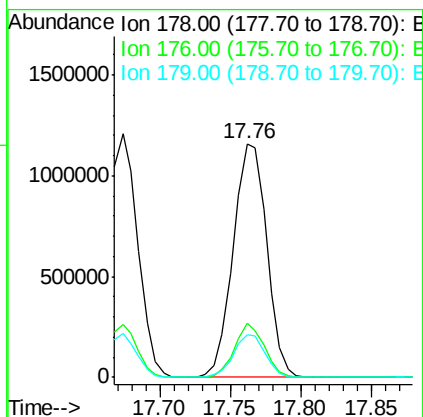
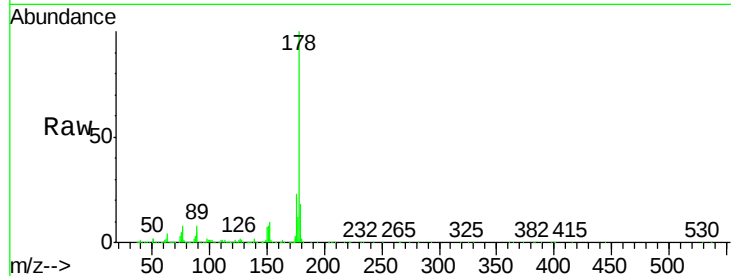




#71
 Anthracene
 Concen: 49.59 ng
 RT: 17.76 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

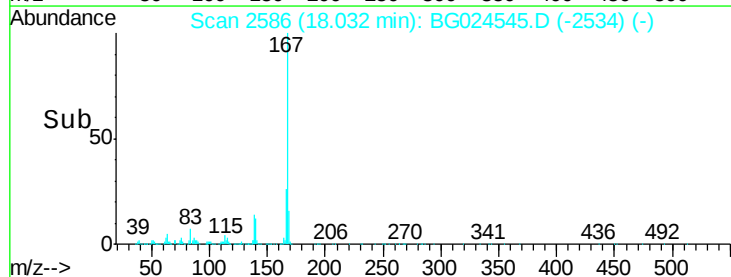
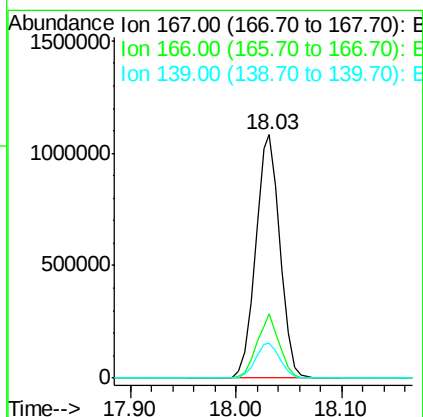
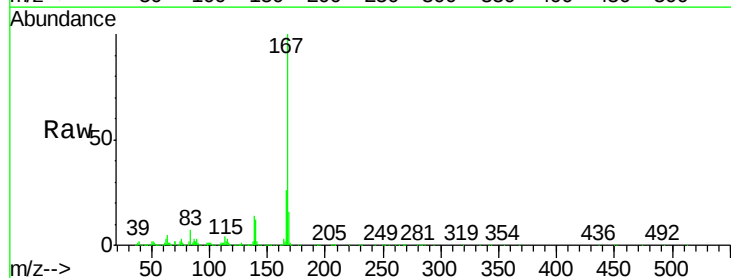
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MSD

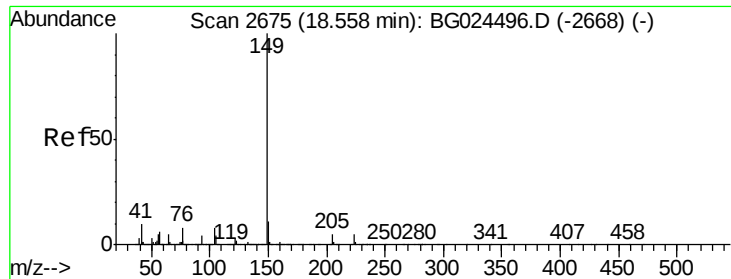
Tgt Ion:178 Resp: 1923888
 Ion Ratio Lower Upper
 178 100
 176 23.0 16.4 24.6
 179 18.1 13.8 20.8



#72
 Carbazole
 Concen: 48.89 ng
 RT: 18.03 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Tgt Ion:167 Resp: 1729775
 Ion Ratio Lower Upper
 167 100
 166 26.3 20.2 30.2
 139 14.3 12.8 19.2





#73

Di-n-butylphthalate

Concen: 49.28 ng

RT: 18.56 min Scan# 2676

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

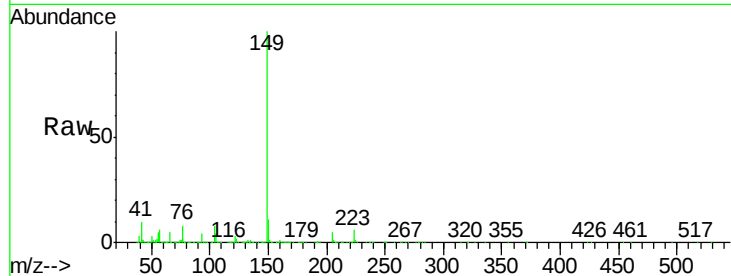
Tgt Ion:149 Resp: 2010390

Ion Ratio Lower Upper

149 100

150 10.8 9.1 13.7

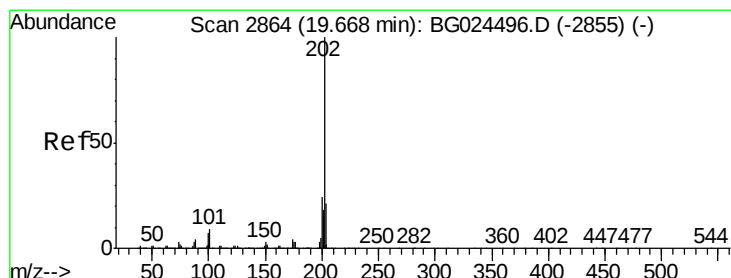
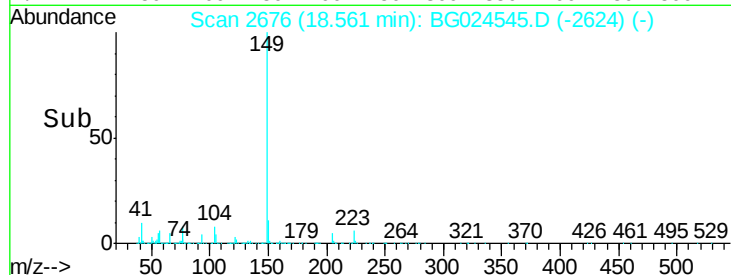
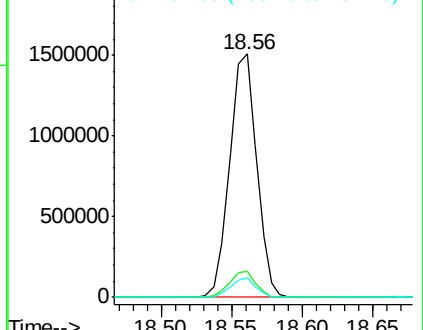
104 7.8 6.7 10.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.10 ng

RT: 19.67 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

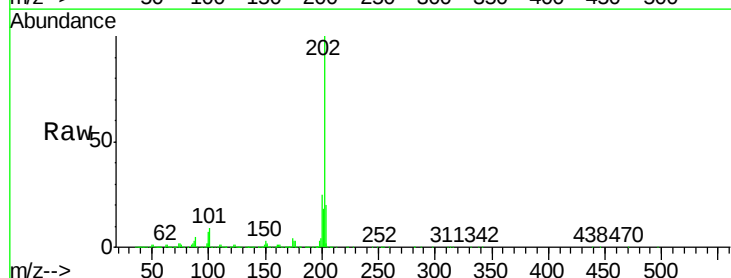
Tgt Ion:202 Resp: 2435023

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.1

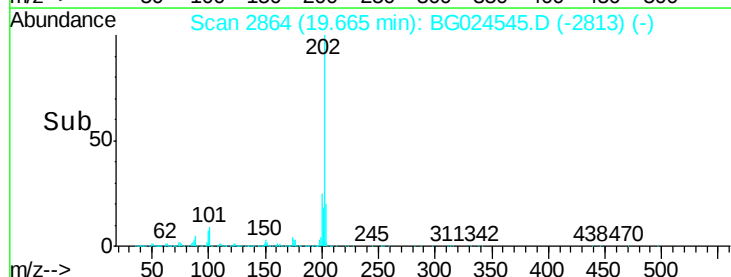
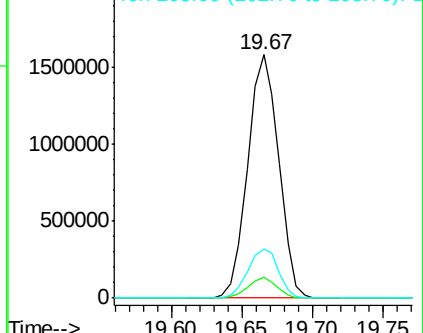
203 20.1 1.3 41.3

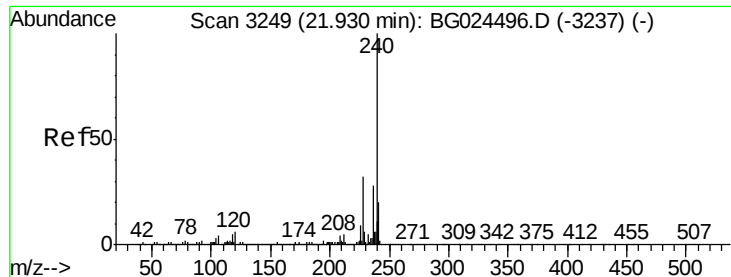


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.93 min Scan# 3249

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

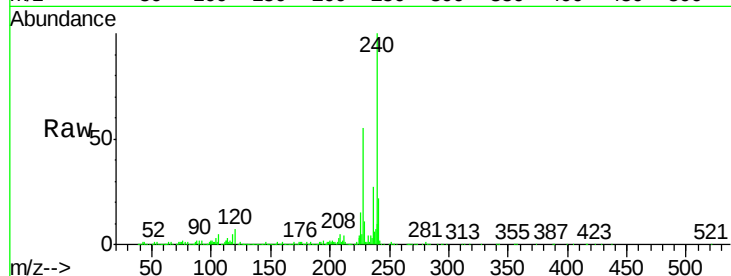
Tgt Ion:240 Resp: 1021283

Ion Ratio Lower Upper

240 100

120 7.0 5.7 8.5

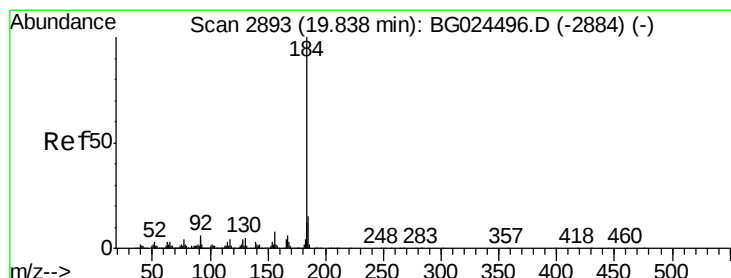
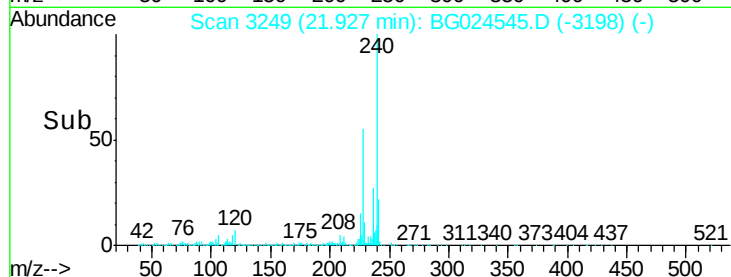
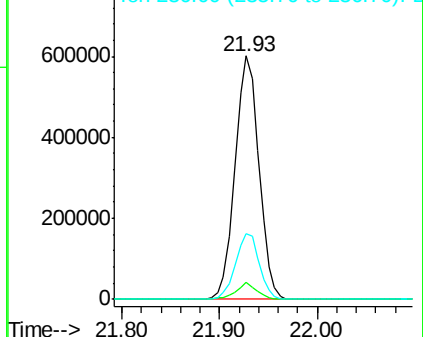
236 26.8 22.2 33.4



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: 5.88 ng

RT: 19.89 min Scan# 2903

Delta R.T. 0.06 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

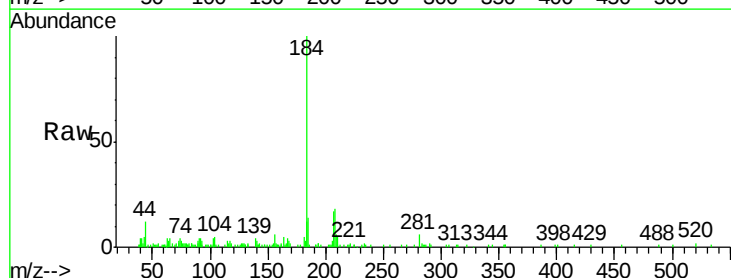
Tgt Ion:184 Resp: 141376

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.6

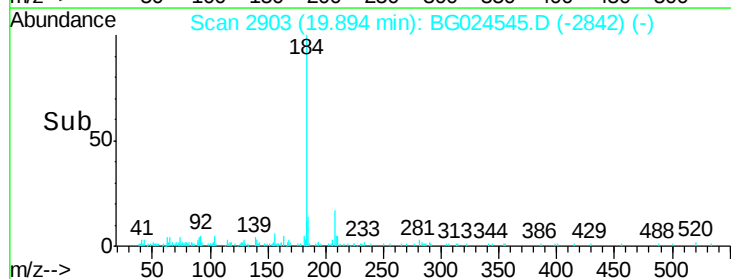
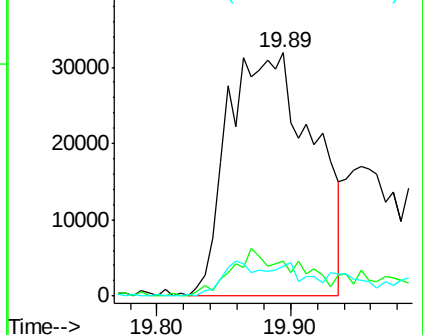
183 12.2 11.0 16.6

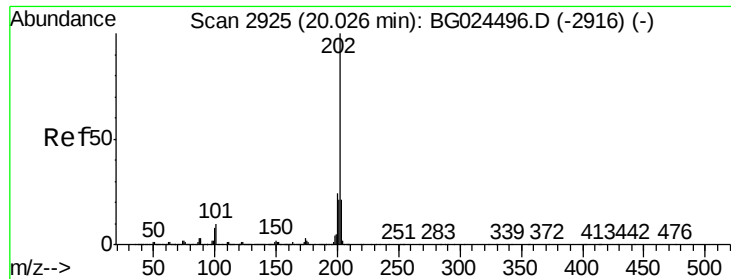


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 49.43 ng

RT: 20.03 min Scan# 2926

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

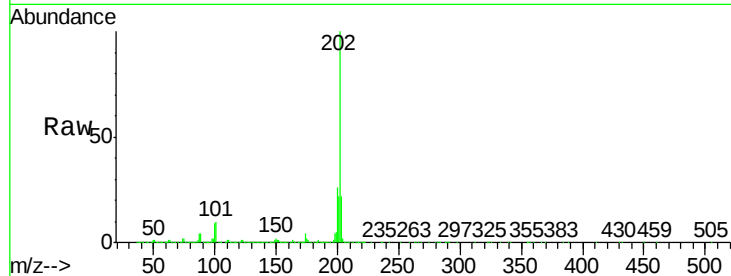
Tgt Ion:202 Resp: 2467643

Ion Ratio Lower Upper

202 100

200 25.8 19.6 29.4

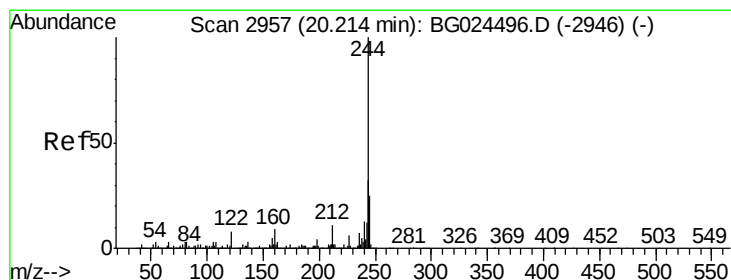
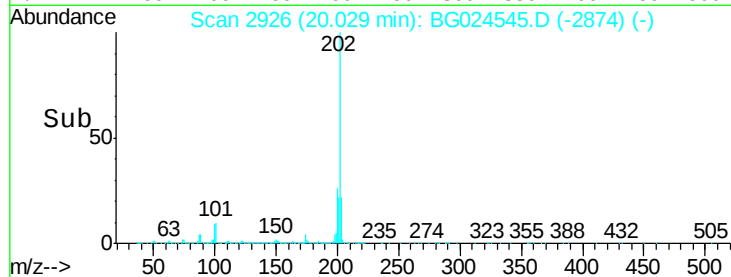
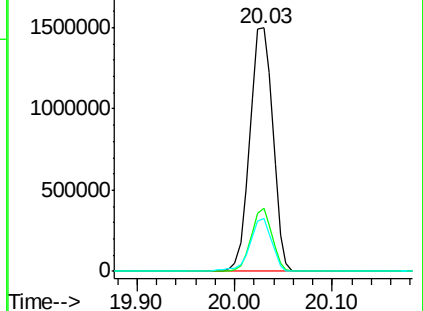
203 21.6 15.8 23.8



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: 96.10 ng

RT: 20.21 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

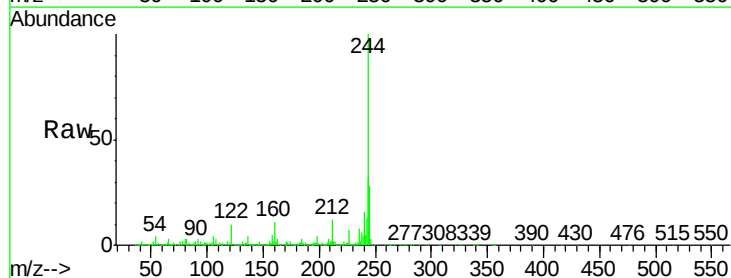
Tgt Ion:244 Resp: 3284491

Ion Ratio Lower Upper

244 100

212 12.1 10.0 15.0

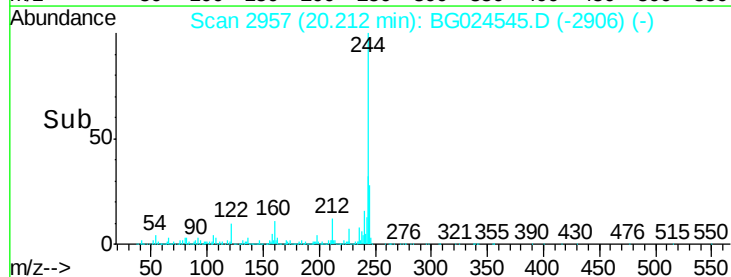
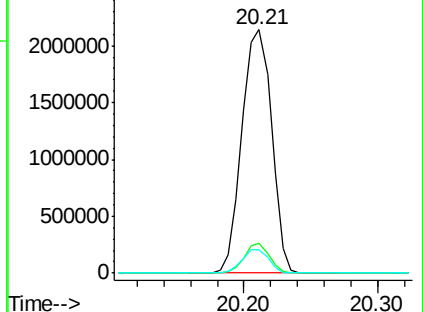
122 9.6 8.6 12.8

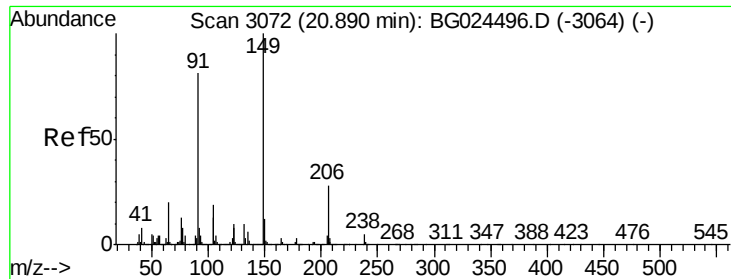


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 50.55 ng

RT: 20.89 min Scan# 3072

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

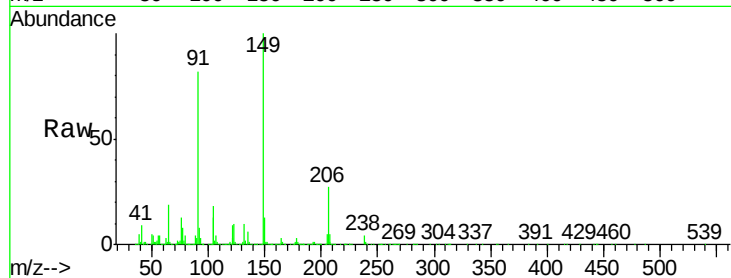
Tgt Ion:149 Resp: 1052235

Ion Ratio Lower Upper

149 100

91 81.6 63.5 95.3

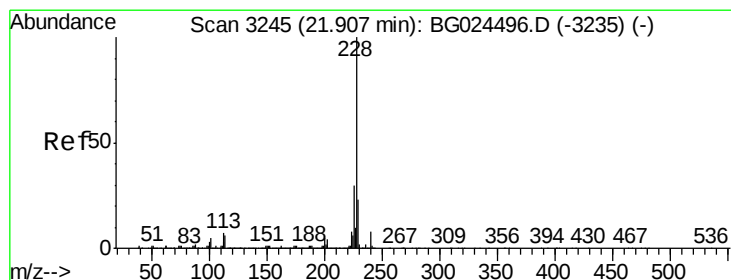
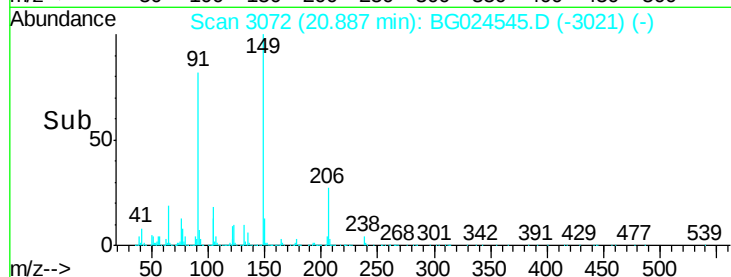
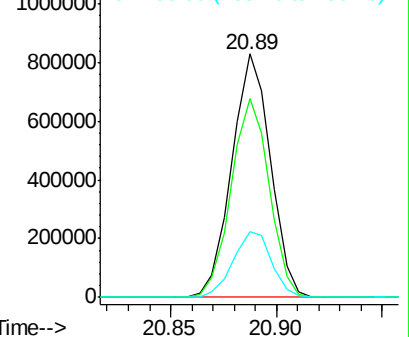
206 27.1 21.0 31.6



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: 49.21 ng

RT: 21.91 min Scan# 3246

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

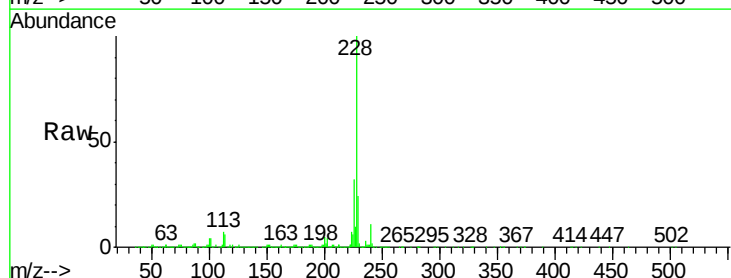
Tgt Ion:228 Resp: 2760864

Ion Ratio Lower Upper

228 100

226 32.4 24.9 37.3

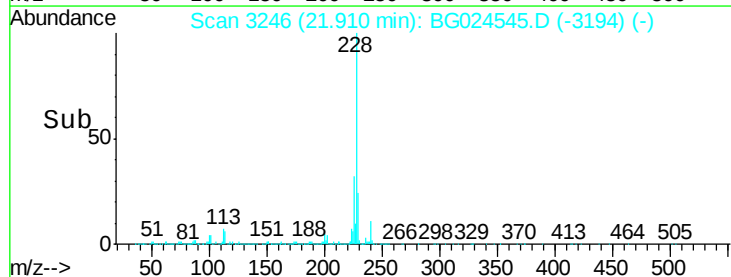
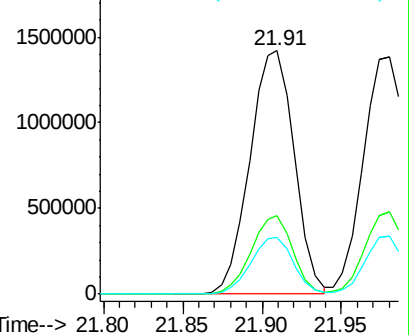
229 23.5 18.2 27.2

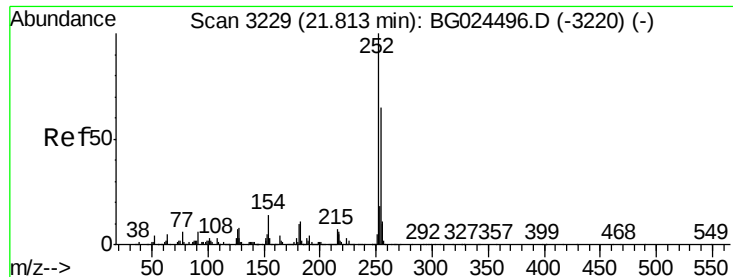


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

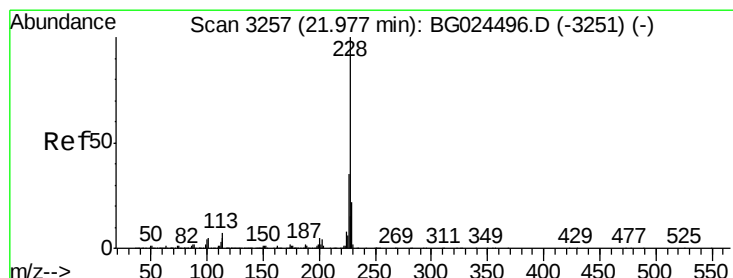
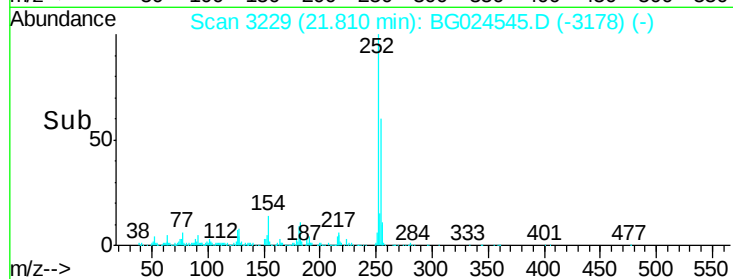
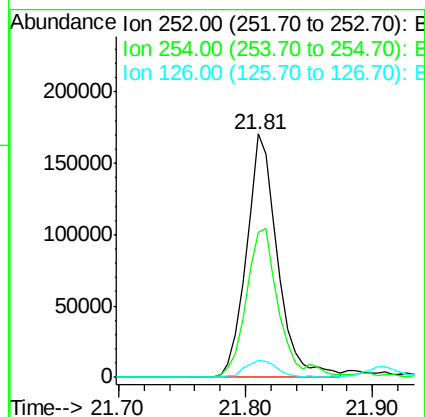
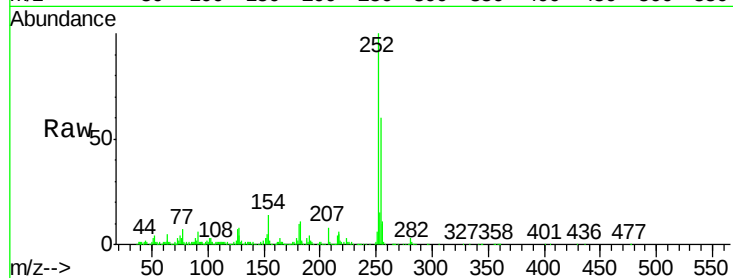




#81
 3,3'-Dichlorobenzidine
 Concen: 12.77 ng
 RT: 21.81 min Scan# 3229
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

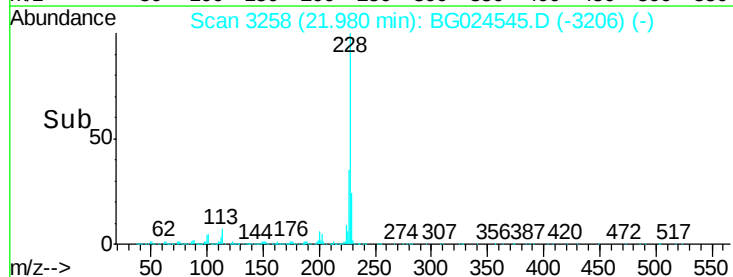
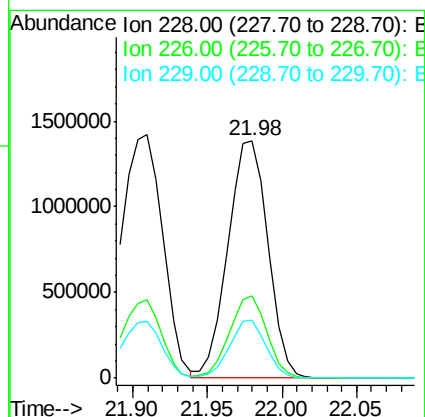
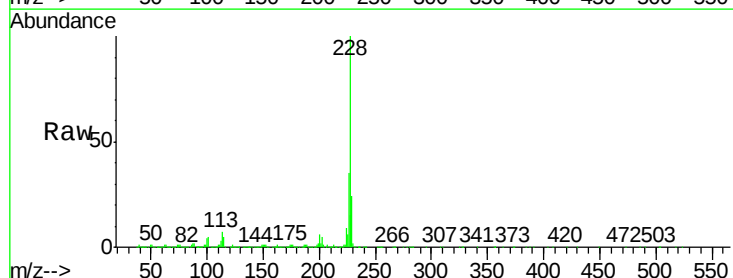
Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MSD

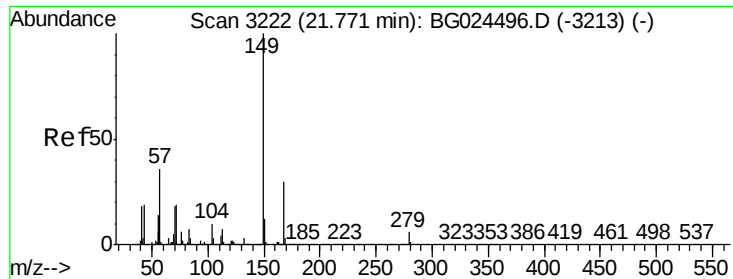
Tgt Ion: 252 Resp: 289028
 Ion Ratio Lower Upper
 252 100
 254 59.8 53.1 79.7
 126 7.1 7.0 10.4



#82
 Chrysene
 Concen: 48.39 ng
 RT: 21.98 min Scan# 3258
 Delta R.T. 0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Tgt Ion: 228 Resp: 2585632
 Ion Ratio Lower Upper
 228 100
 226 34.6 27.0 40.4
 229 24.2 17.8 26.6

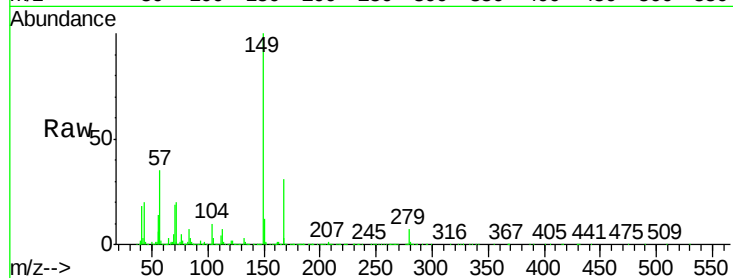




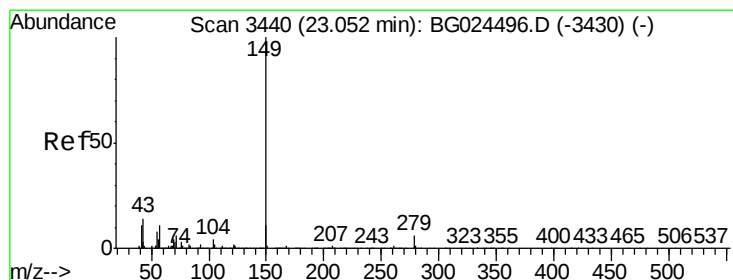
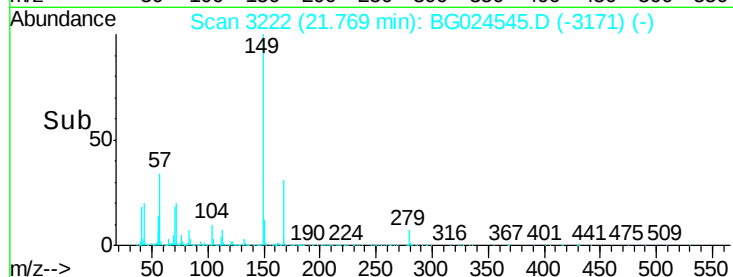
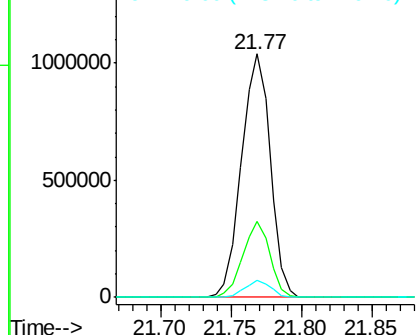
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.78 ng
 RT: 21.77 min Scan# 3222
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Instrument :
 BNA_G
 ClientSampleId :
 HSR-WC-72-102616MSD

Tgt Ion:149 Resp: 1482098
 Ion Ratio Lower Upper
 149 100
 167 31.2 23.7 35.5
 279 6.8 4.6 6.8

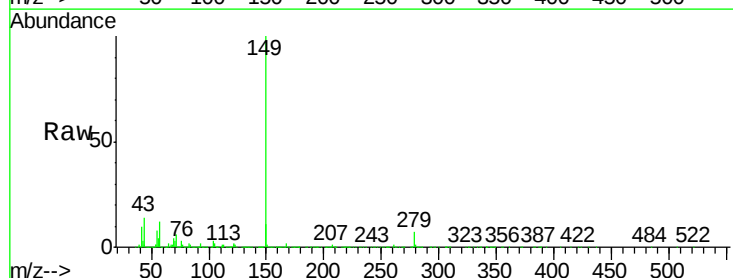


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

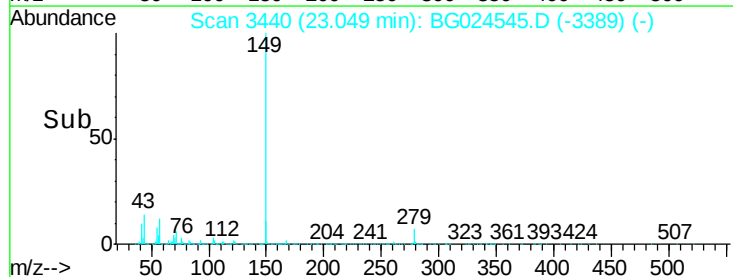
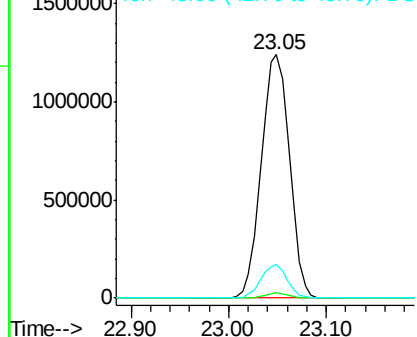


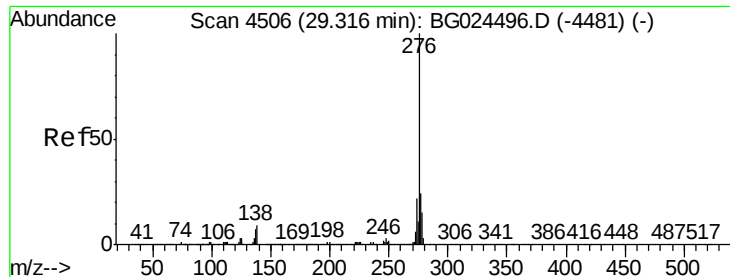
#84
 Di-n-octyl phthalate
 Concen: 51.10 ng
 RT: 23.05 min Scan# 3440
 Delta R.T. -0.00 min
 Lab File: BG024545.D
 Acq: 28 Oct 2016 18:59

Tgt Ion:149 Resp: 2525072
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.2
 43 12.9 11.8 17.6



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): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.26 ng

RT: 29.32 min Scan# 4507

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

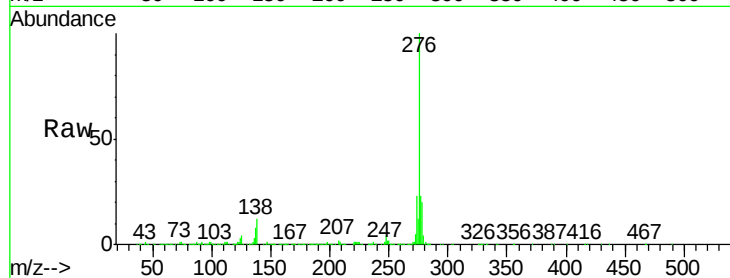
Tgt Ion:276 Resp: 3633587

Ion Ratio Lower Upper

276 100

138 8.2 4.7 7.1#

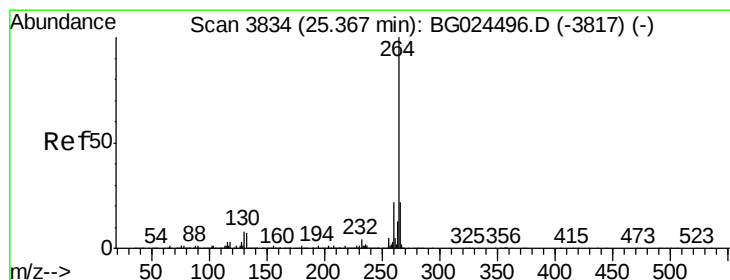
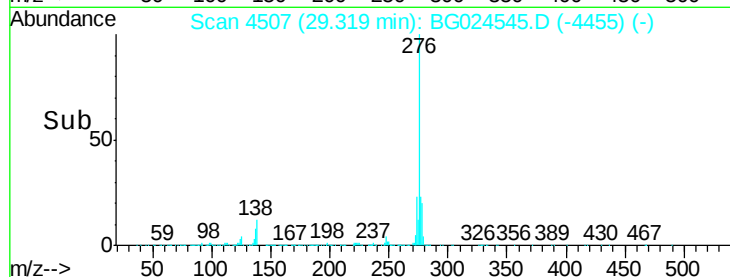
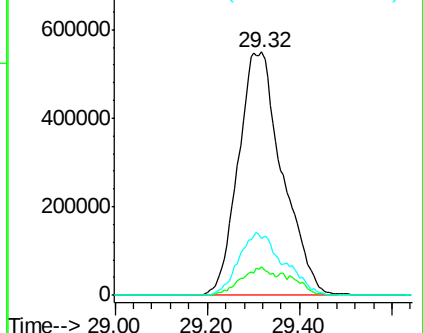
277 26.3 20.6 31.0



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: 25.36 min Scan# 3834

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

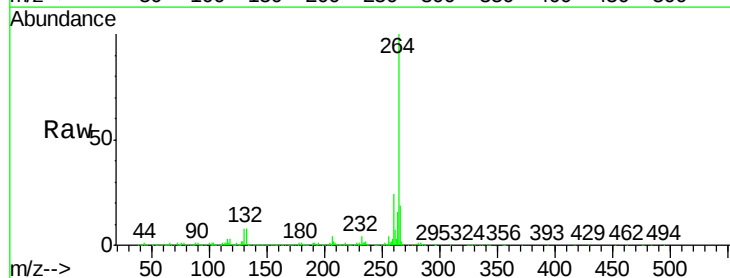
Tgt Ion:264 Resp: 1060752

Ion Ratio Lower Upper

264 100

260 24.2 21.8 32.8

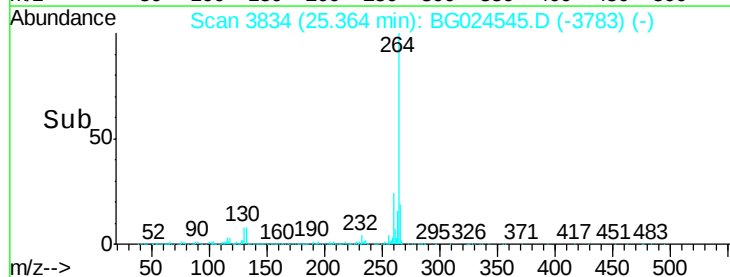
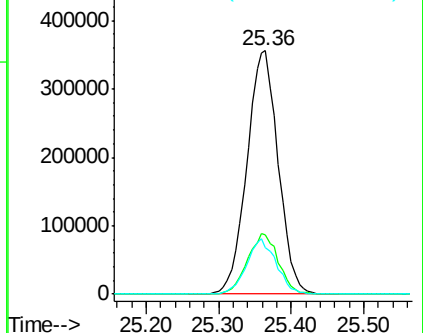
265 19.1 18.2 27.4

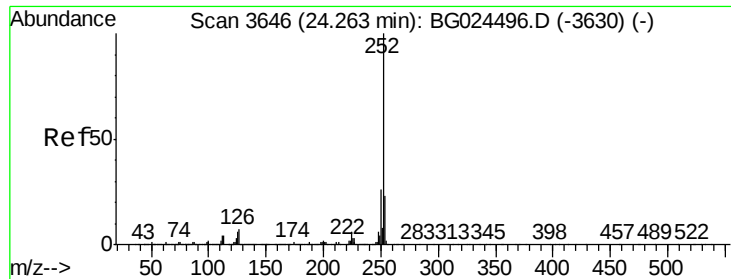


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 52.24 ng

RT: 24.27 min Scan# 3647

Delta R.T. 0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

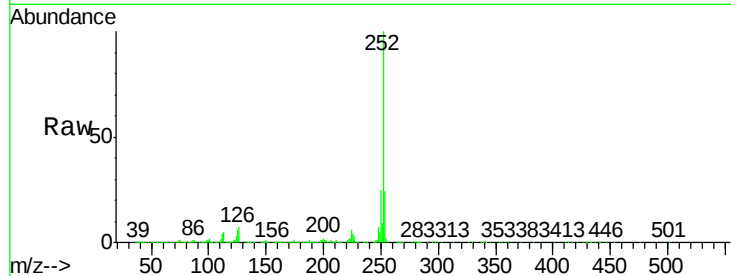
Tgt Ion:252 Resp: 2995012

Ion Ratio Lower Upper

252 100

253 24.5 18.7 28.1

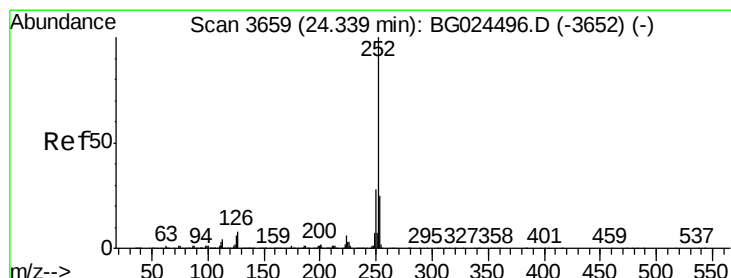
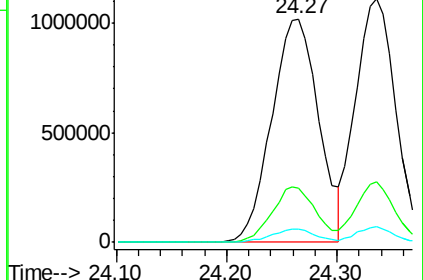
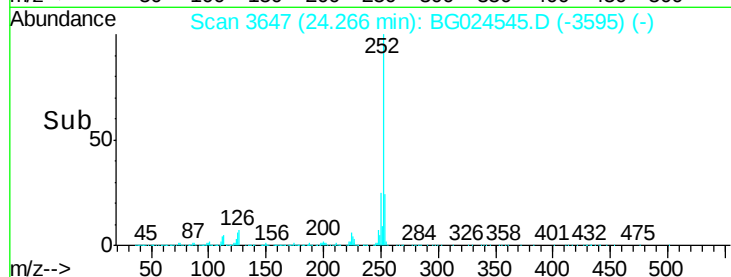
125 6.1 5.3 7.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 50.50 ng

RT: 24.34 min Scan# 3659

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

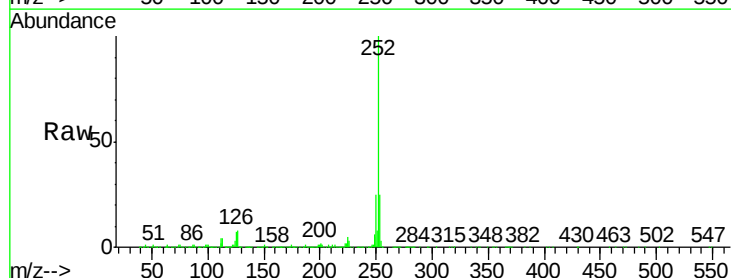
Tgt Ion:252 Resp: 2796528

Ion Ratio Lower Upper

252 100

253 25.1 20.2 30.2

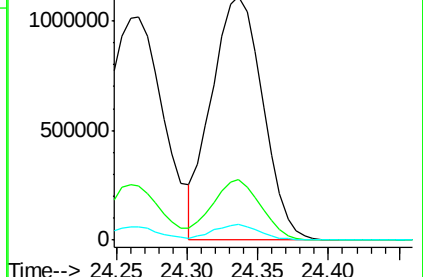
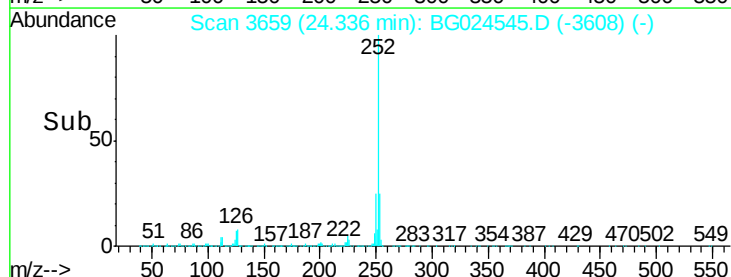
125 6.5 5.1 7.7

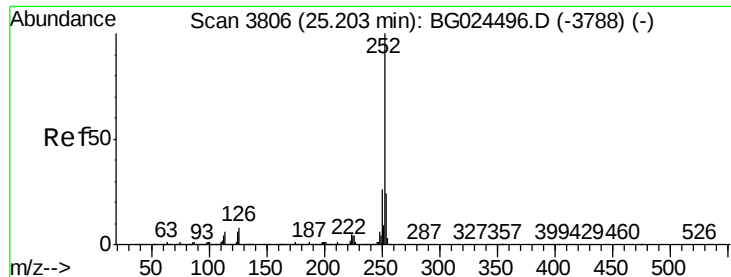


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 51.04 ng

RT: 25.20 min Scan# 3806

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

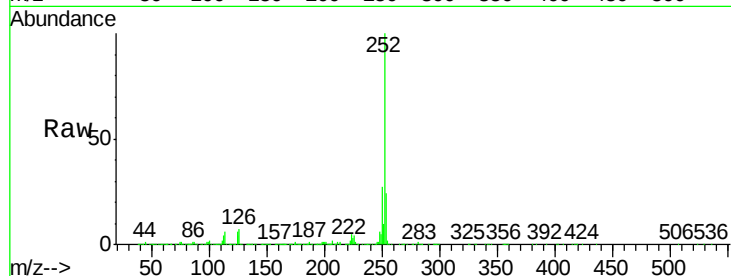
Tgt Ion:252 Resp: 2859338

Ion Ratio Lower Upper

252 100

253 23.6 19.2 28.8

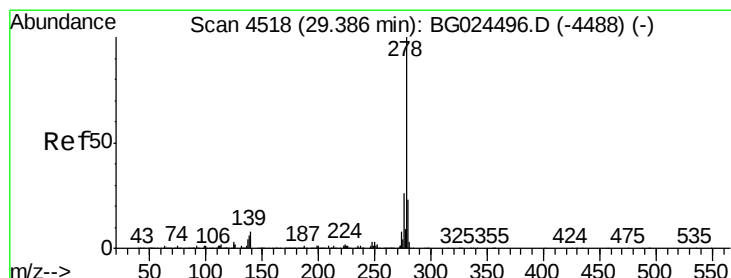
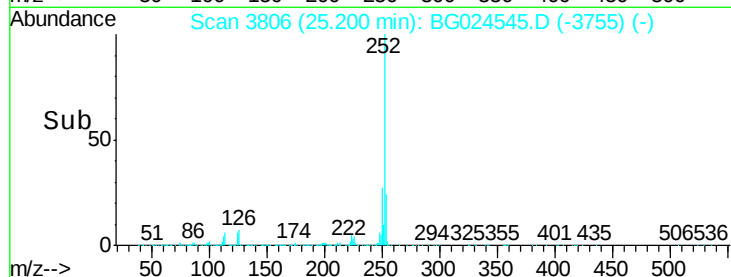
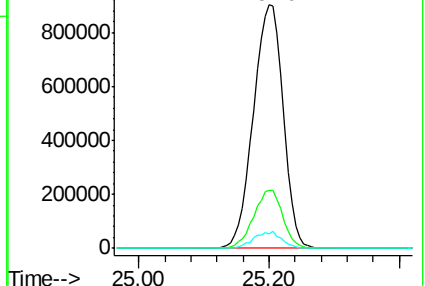
125 6.0 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.62 ng

RT: 29.38 min Scan# 4518

Delta R.T. -0.00 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

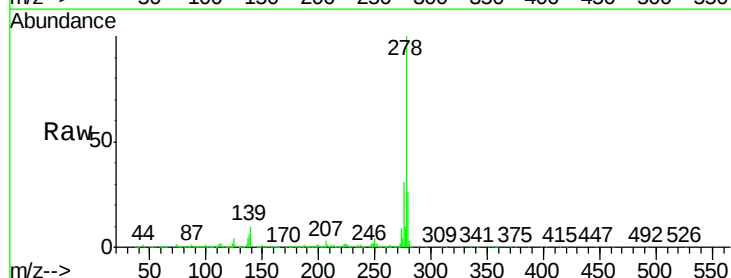
Tgt Ion:278 Resp: 3051319

Ion Ratio Lower Upper

278 100

139 9.7 7.7 11.5

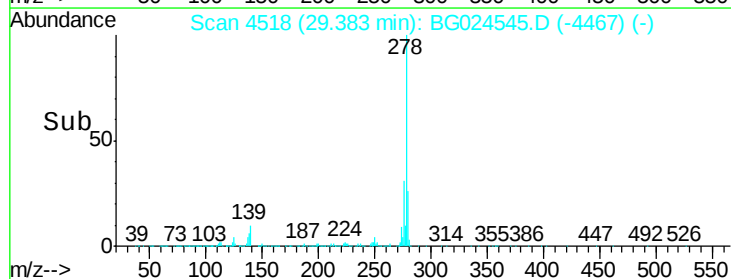
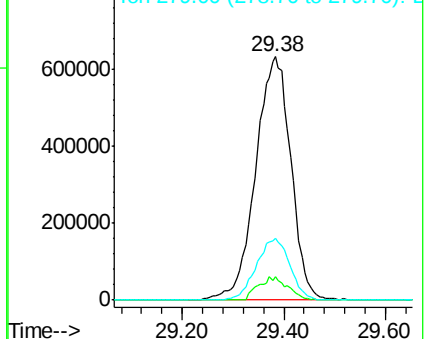
279 25.6 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 48.88 ng

RT: 30.55 min Scan# 4717

Delta R.T. -0.01 min

Lab File: BG024545.D

Acq: 28 Oct 2016 18:59

Instrument :

BNA_G

ClientSampleId :

HSR-WC-72-102616MSD

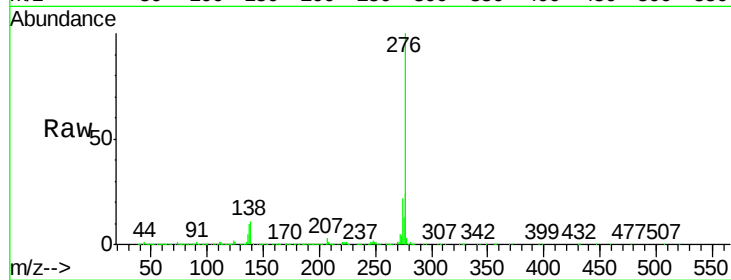
Tgt Ion:276 Resp: 3002916

Ion Ratio Lower Upper

276 100

277 24.2 18.6 27.8

138 10.8 8.1 12.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

