

Data Path : Z:\HPCHEM1\BNA G\Data\BG100716\RAW\
 Data File : BG024217.D
 Acq On : 7 Oct 2016 2:42
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02008

Quant Time: Oct 07 09:29:51 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 07 06:34:32 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.303	152	144396	20.00	ng/ul	0.00
18) Naphthalene-d8	11.129	136	652774	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.913	164	519329	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.756	188	1061818	20.00	ng/ul	0.10
75) Chrysene-d12	22.039	240	1627	20.00	ng/ul	0.08
83) Perylene-d12	25.412	264	1192126	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	25770	8.48	ng/uL	0.00
5) Phenol-d5	7.427	99	283689	21.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.615	67	192637	21.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.821	132	201405	21.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.990	113	237012	21.76	ng/ul	0.00
19) Nitrobenzene-d5	9.478	128	98338	21.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.200	143	112065	21.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.729	165	225806	20.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.258	131	265147	22.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.307	166	759894	20.96	ng/ul	0.00
46) Acenaphthylene-d8	14.613	160	896212	21.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.077	143	129975	20.22	ng/ul	0.00
57) Fluorene-d10	15.900	176	716148	20.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	16.105	200	248	0.04	ng/ul	0.11
70) Anthracene-d10	17.844	188	1451	0.03	ng/ul	0.09
76) Pyrene-d10	20.018	212	1184884	15603.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.165	264	1155916	21.55	ng/ul	0.00
Target Compounds						
					Ovalue	
2) 1,4-Dioxane	3.690	88	28815	8.75	ng/uL#	42
4) Benzaldehyde	7.433	77	214981	22.68	ng/ul	83
6) Phenol	7.451	94	298795	21.85	ng/ul#	58
8) Bis(2-Chloroethyl)ether	7.709	93	220019	21.86	ng/ul#	78
10) 2-Chlorophenol	7.856	128	197611	21.02	ng/ul#	76
11) 2-Methylphenol	8.720	108	211849	20.92	ng/ul	89
12) 2,2'-oxybis(1-Chloropr...	8.826	45	448087	22.29	ng/ul#	86
14) Acetophenone	9.131	105	350136	21.65	ng/ul#	65
15) N-Nitroso-di-n-propyla...	9.102	70	218005	22.35	ng/ul#	70
16) 4-Methylphenol	9.049	108	232061	21.60	ng/ul	99
17) Hexachloroethane	9.395	117	92030	21.16	ng/ul	95
20) Nitrobenzene	9.519	77	308486	21.04	ng/ul#	83
21) Isophorone	10.042	82	571423	21.44	ng/ul#	90
23) 2-Nitrophenol	10.236	139	117304	20.77	ng/ul#	57
24) 2,4-Dimethylphenol	10.265	107	286287	20.57	ng/ul#	82
25) Bis(2-Chloroethoxy)met...	10.518	93	302045	20.68	ng/ul	99
27) 2,4-Dichlorophenol	10.764	162	231939	21.43	ng/ul	93
28) Naphthalene	11.182	128	650300	20.69	ng/ul	97
30) 4-Chloroaniline	11.281	127	262063	21.77	ng/ul	97
31) Hexachlorobutadiene	11.452	225	183202	21.14	ng/ul	98
33) 4-Chloro-3-methylphenol	12.368	107	278416	21.02	ng/ul#	77
34) 2-Methylnaphthalene	12.762	142	509243	20.38	ng/ul	98

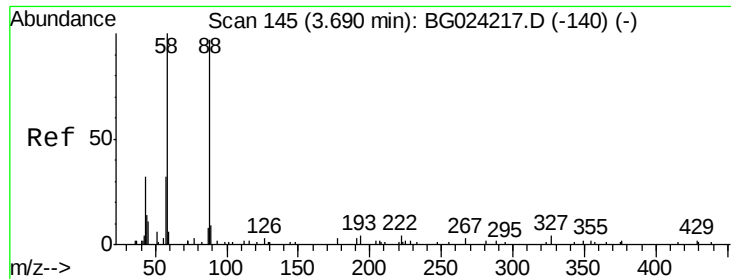
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachloroben...	13.120	216	324914	21.22	ng/ul	98
37) Hexachlorocyclopentadiene	13.091	237	241811	21.53	ng/ul	98
38) 2,4,6-Trichlorophenol	13.350	196	209600	21.11	ng/ul	96
39) 2,4,5-Trichlorophenol	13.420	196	232911	21.35	ng/ul	95
40) 1,1'-Biphenyl	13.749	154	703299	20.91	ng/ul	95
41) 2-Chloronaphthalene	13.802	162	561680	21.31	ng/ul	96
42) 2-Nitroaniline	13.996	65	222093	22.13	ng/ul#	52
44) Dimethylphthalate	14.354	163	752295	21.16	ng/ul	99
45) 2,6-Dinitrotoluene	14.484	165	154613	22.41	ng/ul#	80
47) Acenaphthylene	14.642	152	840879	21.04	ng/ul	99
48) 3-Nitroaniline	14.813	138	142034	21.79	ng/ul#	72
49) Acenaphthene	14.977	153	597152	20.90	ng/ul	94
50) 2,4-Dinitrophenol	15.012	184	95249	20.58	ng/ul#	86
52) 4-Nitrophenol	15.089	109	160515	20.60	ng/ul#	66
53) Dibenzofuran	15.312	168	887539	21.11	ng/ul#	84
54) 2,4-Dinitrotoluene	15.259	165	210530	20.59	ng/ul#	51
55) 2,3,4,6-Tetrachlorophenol	15.524	232	226027	21.10	ng/ul	98
56) Diethylphthalate	15.706	149	782859	20.89	ng/ul	98
58) Fluorene	15.958	166	722145	20.77	ng/ul	97
59) 4-Chlorophenyl-phenyle...	15.941	204	398800	20.67	ng/ul	97
60) 4-Nitroaniline	15.970	138	158200	21.08	ng/ul#	42
64) N-Nitrosodiphenylamine	16.152	169	671700	22.36	ng/ul	97
65) 4-Bromophenyl-phenylether	16.834	248	280138	22.78	ng/ul	99
66) Hexachlorobenzene	16.951	284	304651	22.20	ng/ul	96
67) Atrazine	17.092	200	280820	22.86	ng/ul	94
69) Phenanthrene	17.786	178	1214258	22.65	ng/ul	99
71) Anthracene	17.786	178	1214256	22.25	ng/ul	98
72) Carbazole	18.050	167	1031772	24.09	ng/ul	98
74) Fluoranthene	19.689	202	1362791	25.17	ng/ul#	87
77) Pyrene	20.048	202	1375849	15832.48	ng/ul#	89
78) Butylbenzylphthalate	20.988	149	565	16.18	ng/ul#	88
79) 3,3'-Dichlorobenzidine	21.951	252	509	16.80	ng/ul#	1
80) Benzo(a)anthracene	22.004	228	1332543	14759.61	ng/ul	96
81) Bis(2-ethylhexyl)phtha...	21.904	149	1601	32.42	ng/ul#	52
82) Chrysene	22.004	228	1332543	15504.32	ng/ul	97
84) Di-n-octyl phthalate	23.109	149	1300634	23.25	ng/ul	100
85) Benzo(b)fluoranthene	24.302	252	1382243	20.88	ng/ul#	92
86) Benzo(k)fluoranthene	24.378	252	1357030	21.29	ng/ul#	90
88) Benzo(a)pyrene	25.247	252	1357781	21.54	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	29.372	276	820821	10.99	ng/ul#	82
90) Dibenzo(a,h)anthracene	29.454	278	1343008	21.27	ng/ul#	88
91) Benzo(g,h,i)perylene	30.624	276	1329219	21.17	ng/ul#	81

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



#2

1,4-Dioxane

Concen: 8.75 ng/uL

RT: 3.690 min Scan# 14

Delta R.T. 0.000 min

Lab File: BG024217.D

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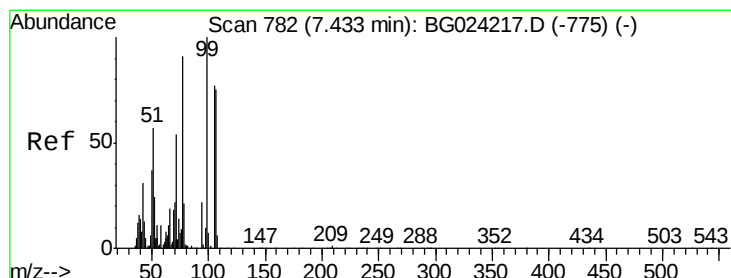
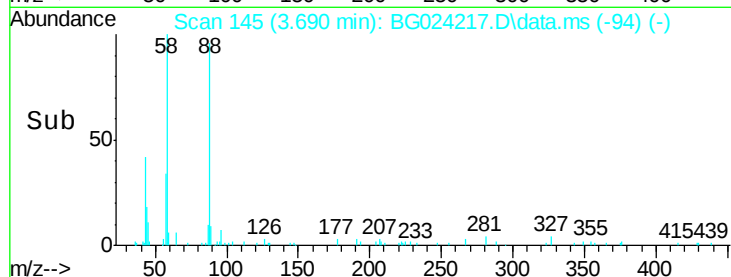
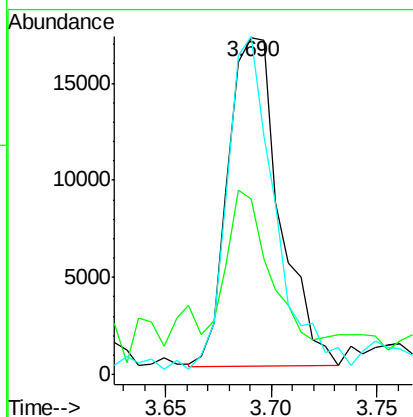
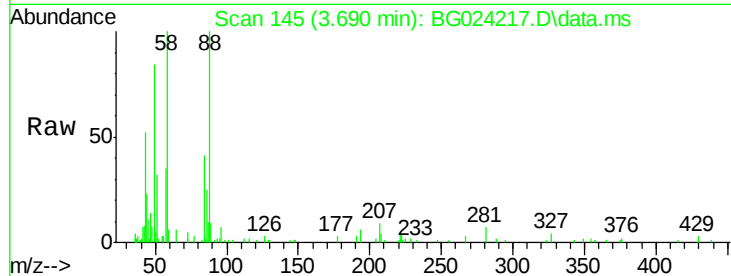
Tot Ion: 88 Resp: 28815

Ion Ratio Lower Upper

88 100

43 52.3 16.6 24.8#

58 100.3 47.2 70.8#



#4

Benzaldehyde

Concen: 22.68 ng/uL

RT: 7.433 min Scan# 782

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

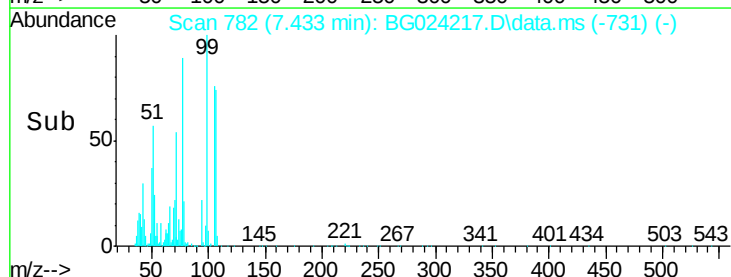
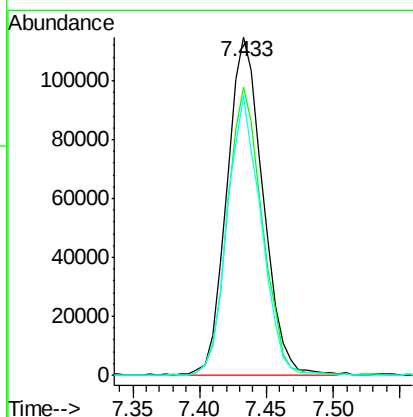
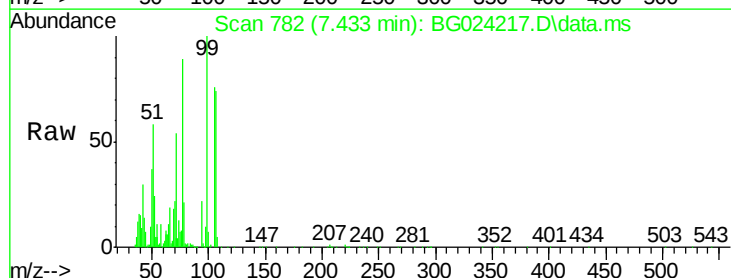
Tgt Ion: 77 Resp: 214981

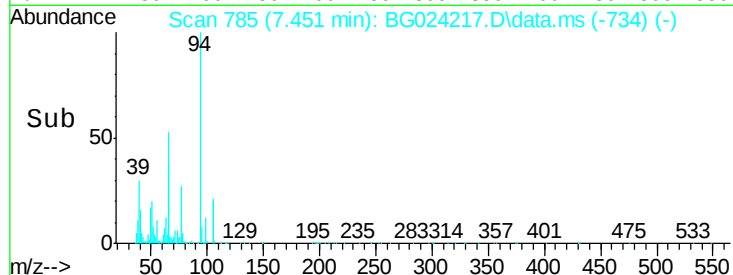
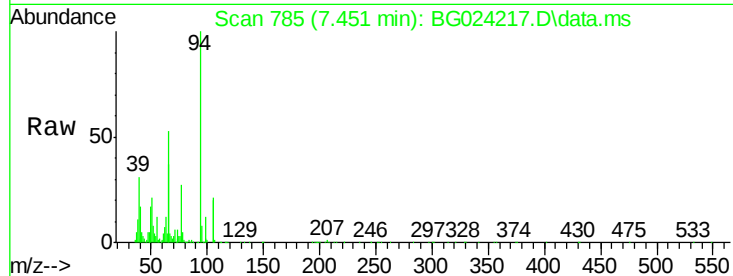
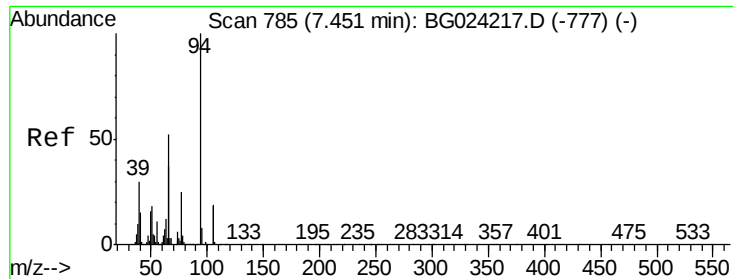
Ion Ratio Lower Upper

77 100

105 85.3 83.8 125.8

106 82.5 77.9 116.9





#6

Phenol

Concen: 21.85 ng/ul

RT: 7.451 min Scan# 78

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SSTD02008

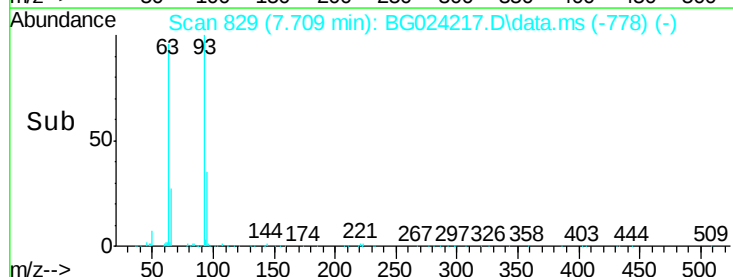
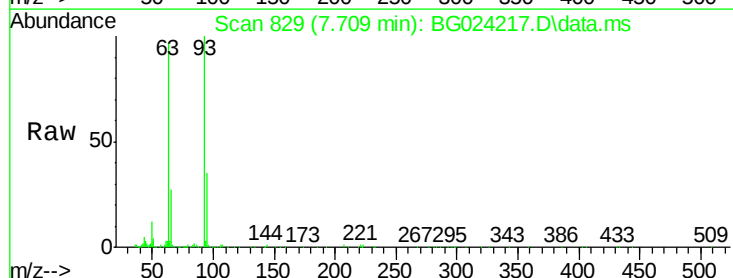
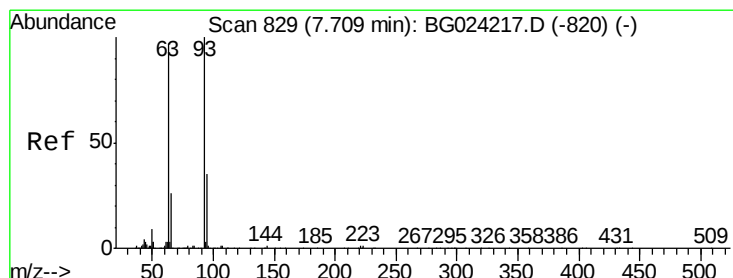
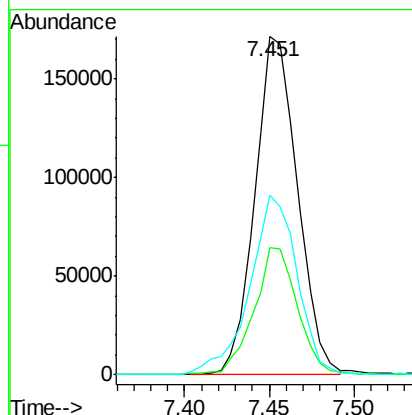
Tot Ion: 94 Resp: 298795

Ion Ratio Lower Upper

94 100

65 37.4 16.8 25.2#

66 53.2 22.6 33.8#



#8

Bis(2-Chloroethyl)ether

Concen: 21.86 ng/ul

RT: 7.709 min Scan# 829

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

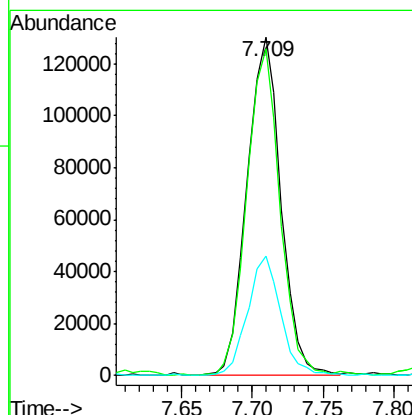
Tgt Ion: 93 Resp: 220019

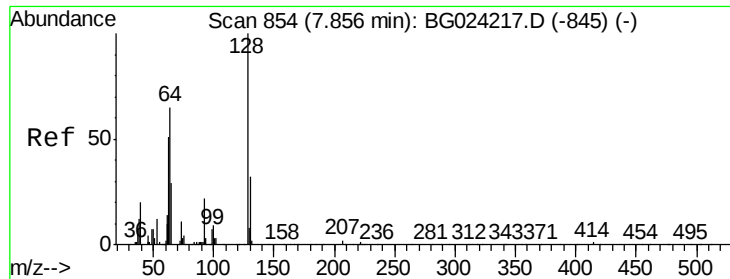
Ion Ratio Lower Upper

93 100

63 96.7 56.0 84.0#

95 35.1 27.7 41.5





#10

2-Chlorophenol

Concen: 21.02 ng/ul

RT: 7.856 min Scan# 854

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SSTD02008

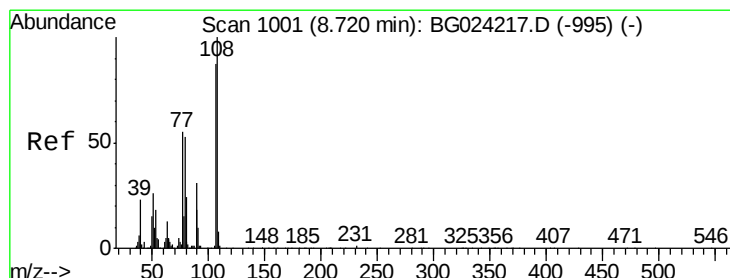
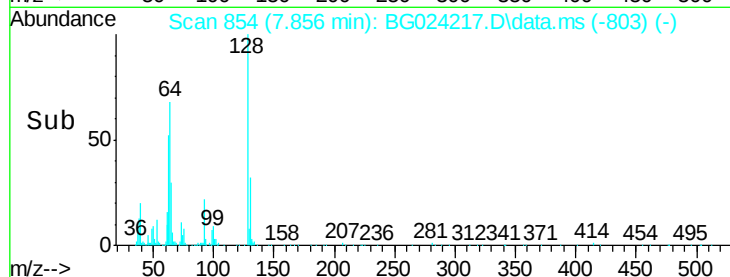
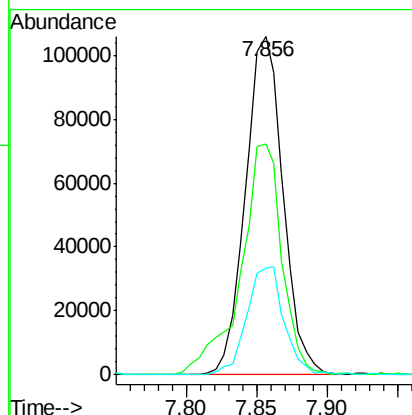
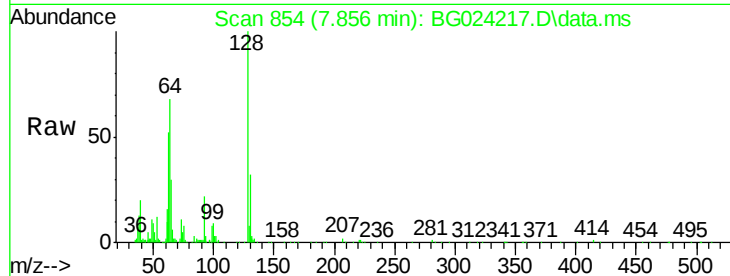
Tot Ion:128 Resp: 197611

Ion Ratio Lower Upper

128 100

64 68.1 34.2 51.4#

130 31.7 27.0 40.4



#11

2-Methylphenol

Concen: 20.92 ng/ul

RT: 8.720 min Scan# 1001

Delta R.T. 0.000 min

Lab File: BG024217.D

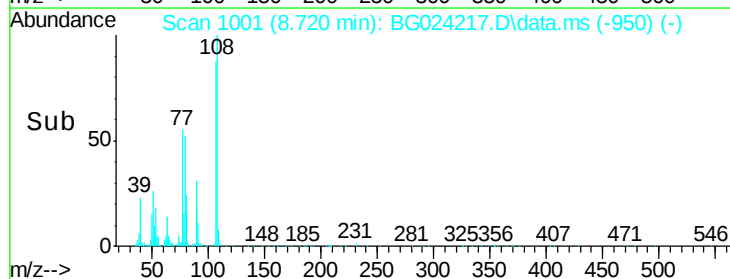
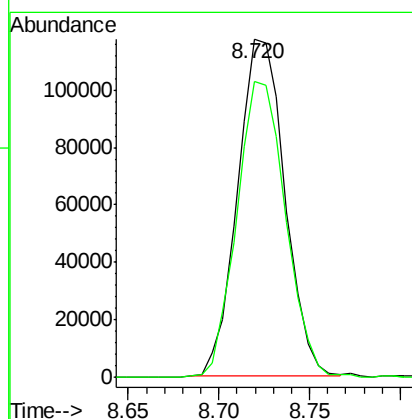
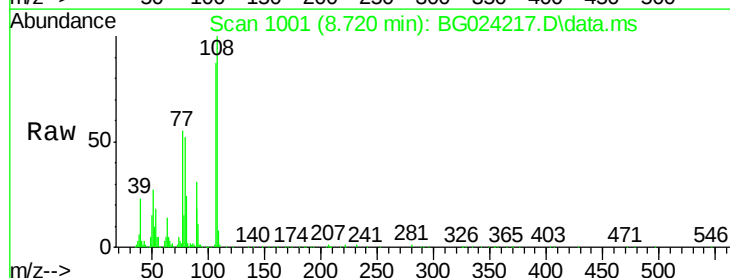
Acq: 7 Oct 2016 2:42

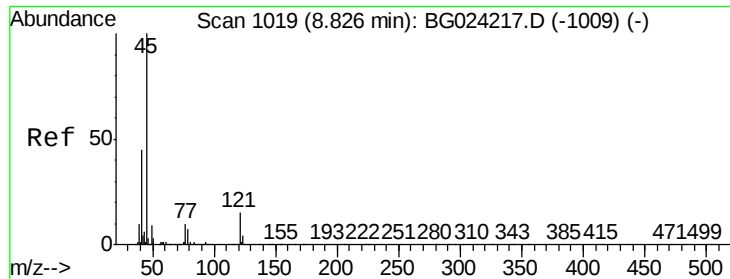
Tgt Ion:108 Resp: 211849

Ion Ratio Lower Upper

108 100

107 87.4 78.6 117.8

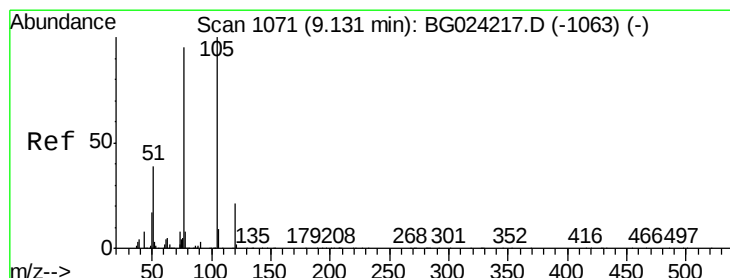
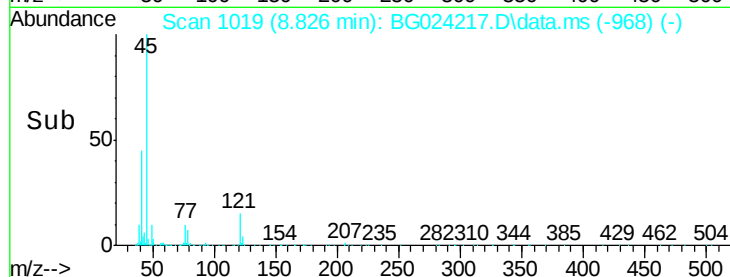
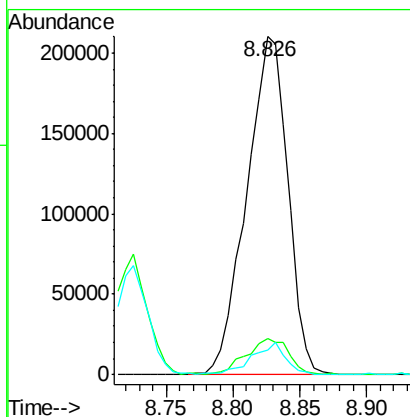
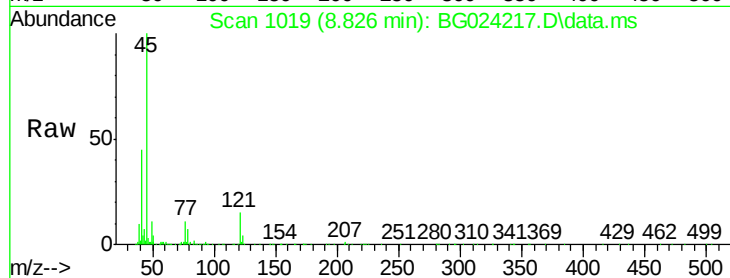




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 22.29 ng/ul
RT: 8.826 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

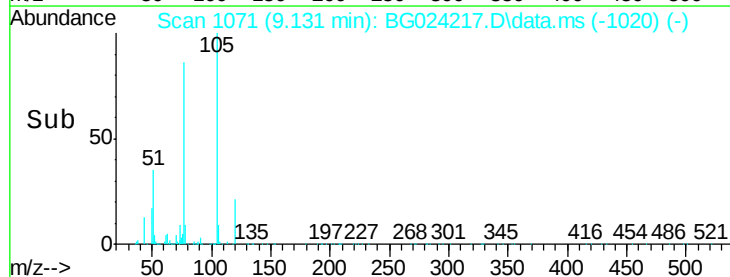
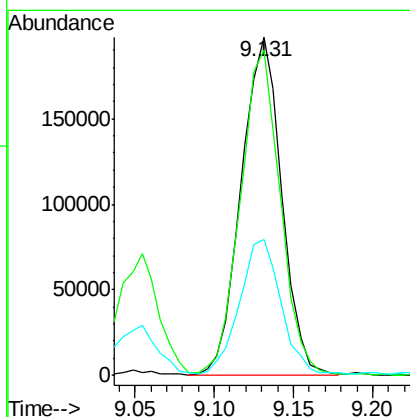
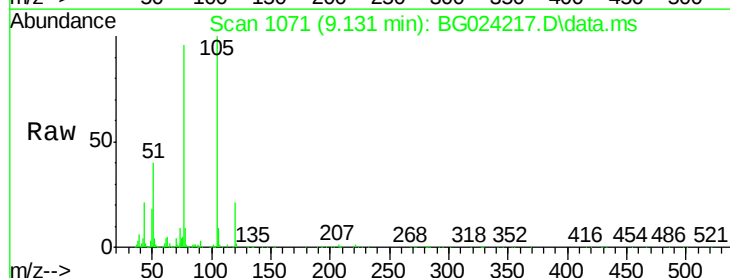
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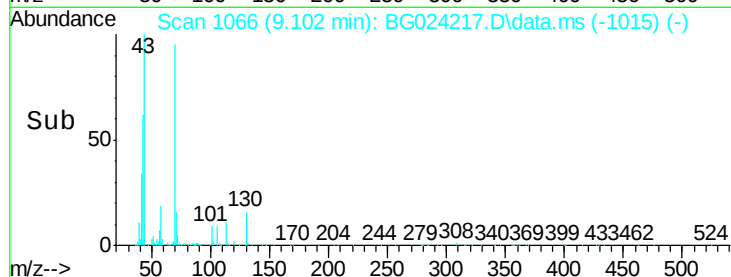
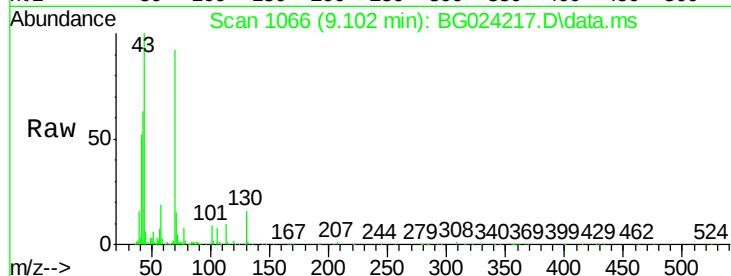
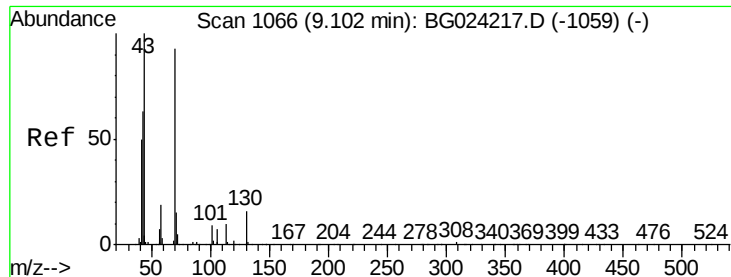
Tot Ion: 45 Resp: 448087
Ion Ratio Lower Upper
45 100
77 10.6 13.4 20.2#
79 7.1 10.2 15.4#



#14
Acetophenone
Concen: 21.65 ng/ul
RT: 9.131 min Scan# 1071
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

Tgt Ion: 105 Resp: 350136
Ion Ratio Lower Upper
105 100
77 96.1 56.1 84.1#
51 40.0 14.6 22.0#

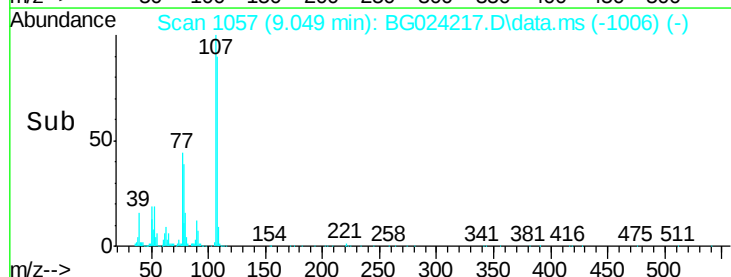
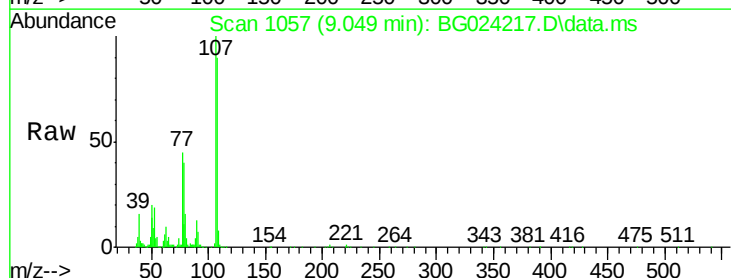
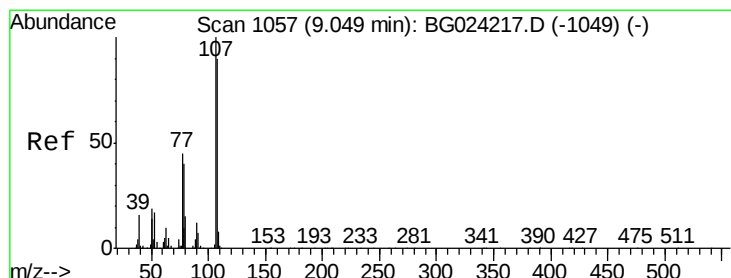
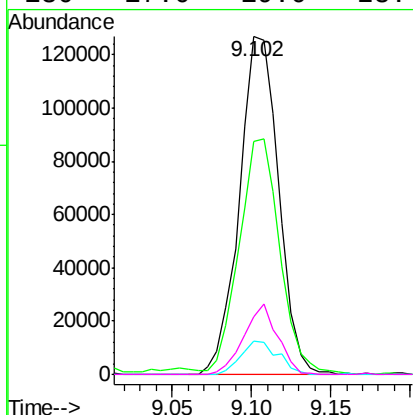




#15
N-Nitroso-di-n-propylamine
Concen: 22.35 ng/ul
RT: 9.102 min Scan# 1066
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

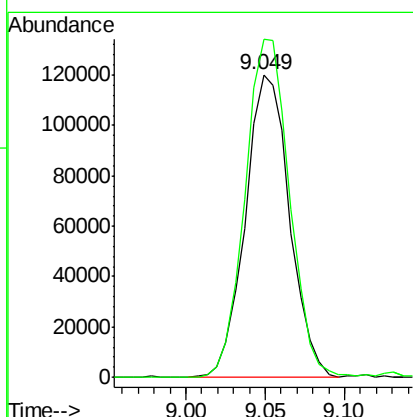
Instrument :
BNA_G
ClientSampleId :
SSTD02008

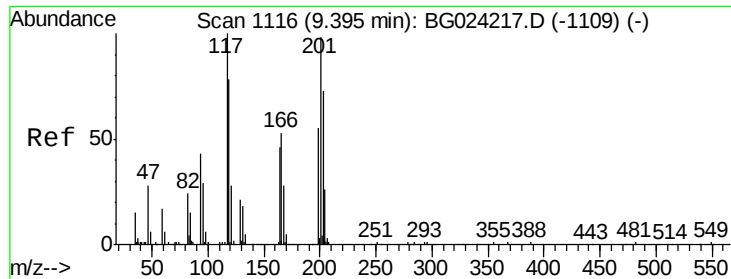
Tot Ion	Ratio	Lower	Upper
70	100		
42	68.8	31.4	47.2#
101	9.9	8.6	13.0
130	17.0	19.0	28.4#



#16
4-Methylphenol
Concen: 21.60 ng/ul
RT: 9.049 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

Tgt Ion	Ratio	Lower	Upper
108	100		
107	111.6	88.3	132.5

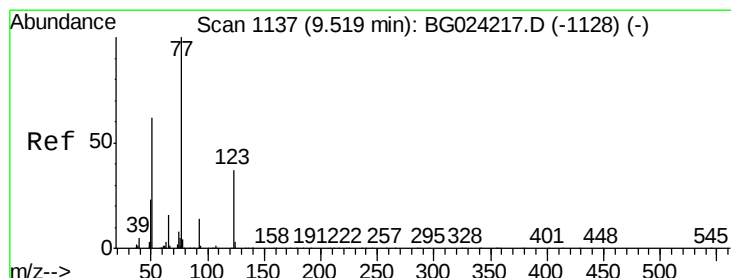
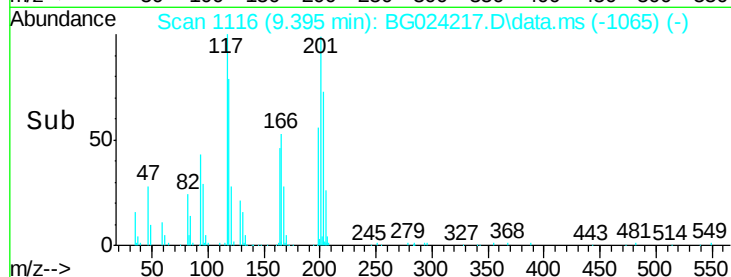
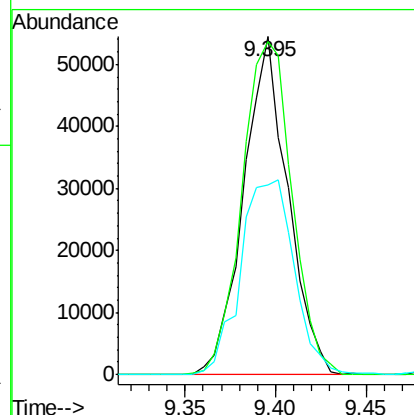
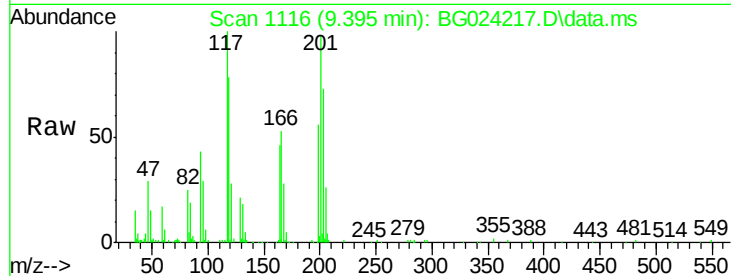




#17
Hexachloroethane
Concen: 21.16 ng/ul
RT: 9.395 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

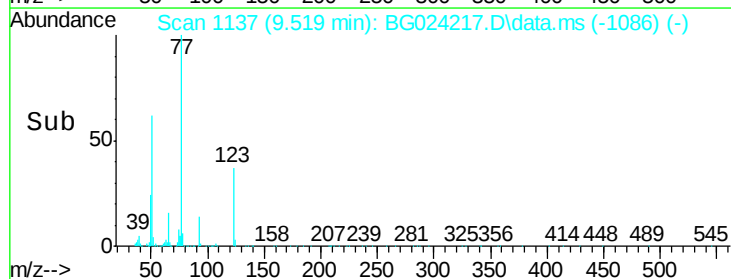
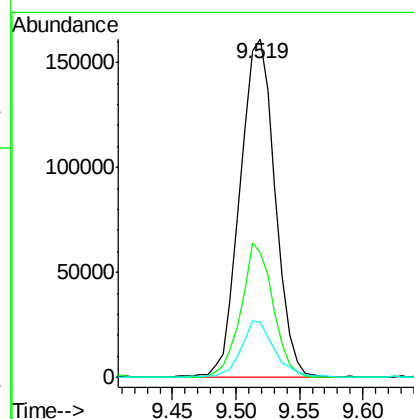
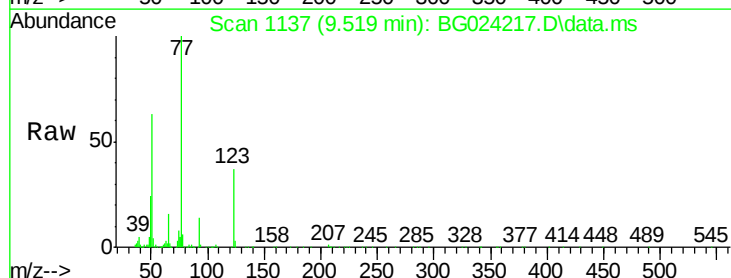
Instrument :
BNA_G
ClientSampleId :
SSTD02008

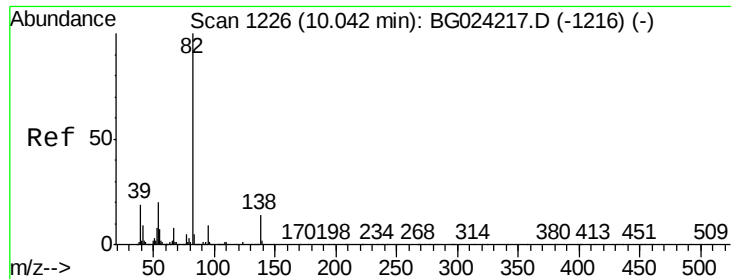
Tot Ion:117 Resp: 92030
Ion Ratio Lower Upper
117 100
201 102.0 76.8 115.2
199 55.9 43.5 65.3



#20
Nitrobenzene
Concen: 21.04 ng/ul
RT: 9.519 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

Tgt Ion: 77 Resp: 308486
Ion Ratio Lower Upper
77 100
123 36.9 39.5 59.3#
65 16.4 9.0 13.4#





#21

Isophorone

Concen: 21.44 ng/ul

RT: 10.042 min Scan# 12

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SSTD02008

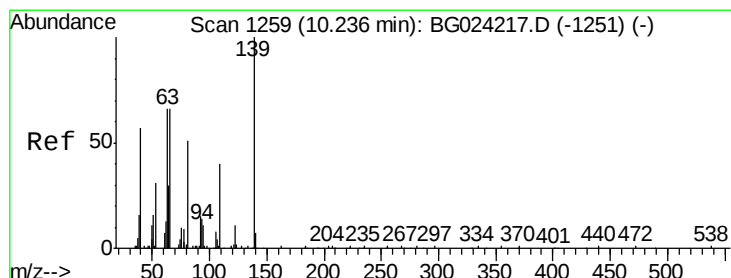
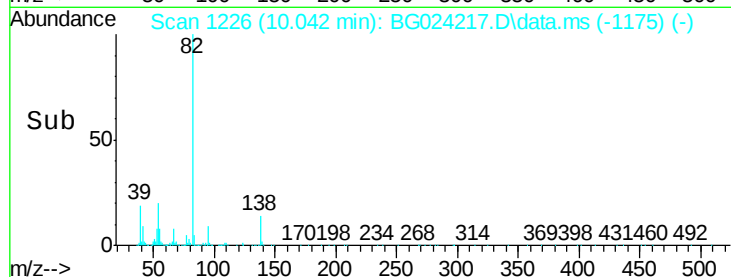
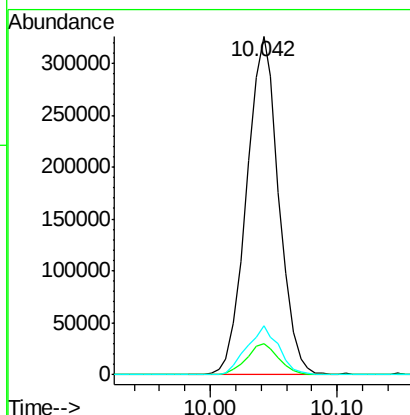
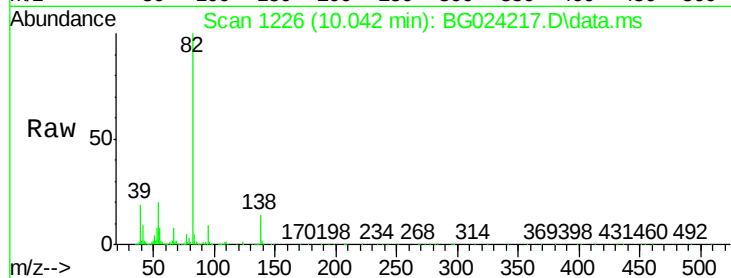
Tot Ion: 82 Resp: 571423

Ion Ratio Lower Upper

82 100

95 9.3 5.1 7.7#

138 14.3 15.0 22.6#



#23

2-Nitrophenol

Concen: 20.77 ng/ul

RT: 10.236 min Scan# 1259

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

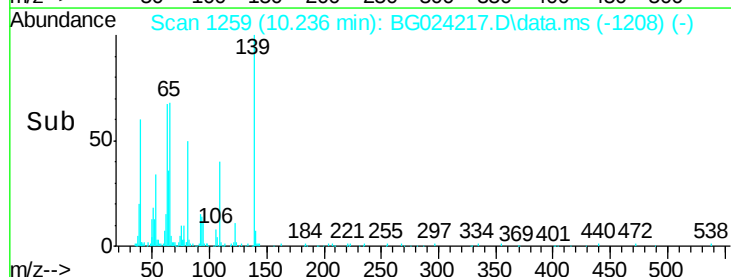
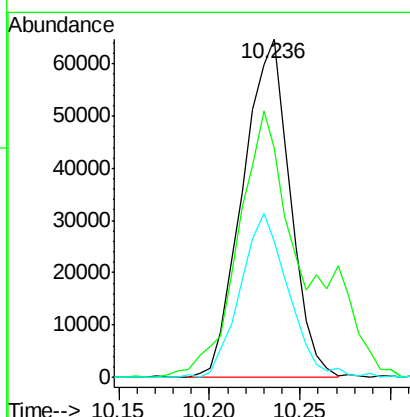
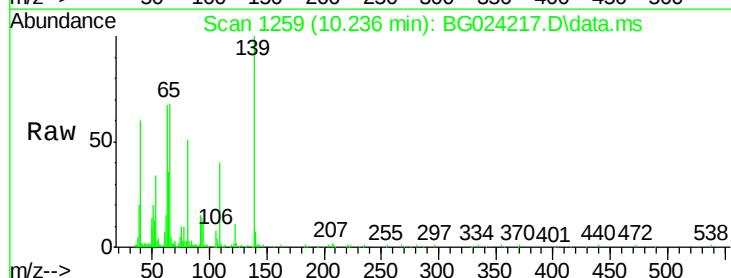
Tgt Ion: 139 Resp: 117304

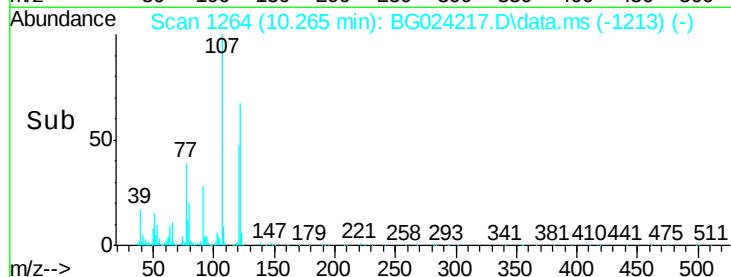
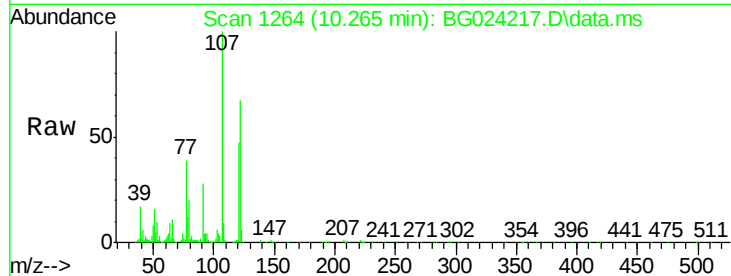
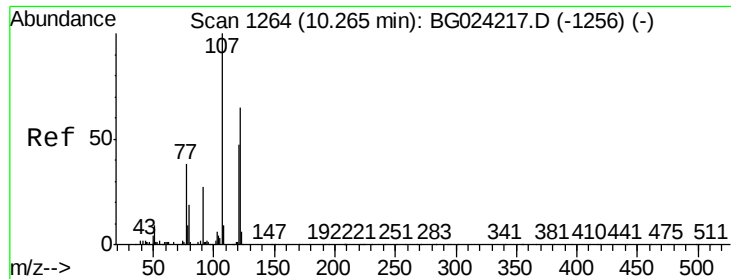
Ion Ratio Lower Upper

139 100

65 67.8 31.8 47.8#

109 40.1 17.1 25.7#

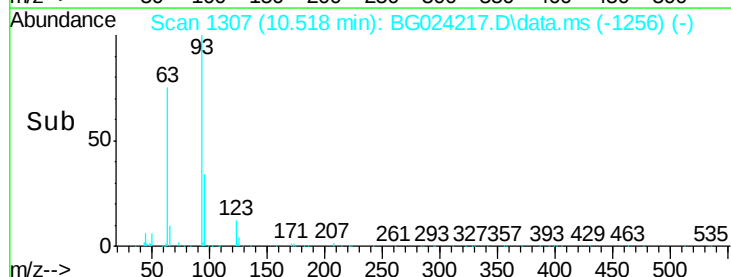
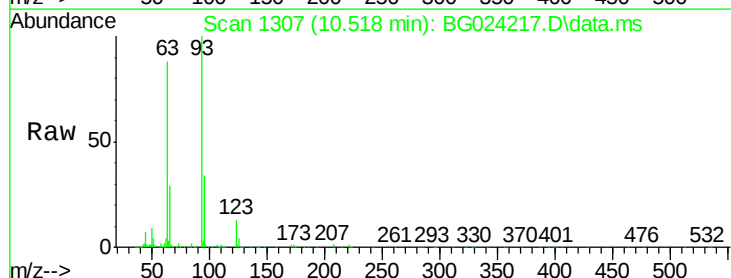
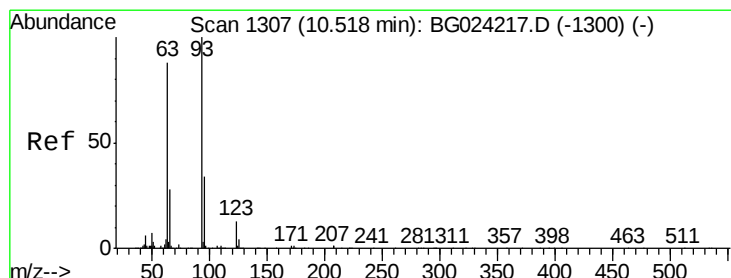
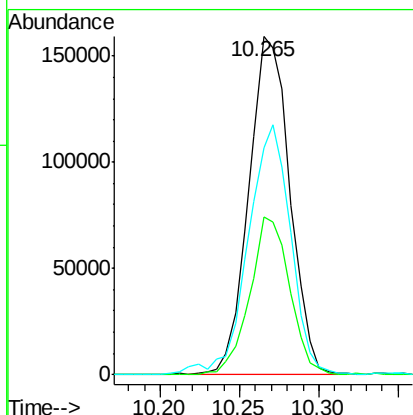




#24
2,4-Dimethylphenol
Concen: 20.57 ng/ul
RT: 10.265 min Scan# 1264
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

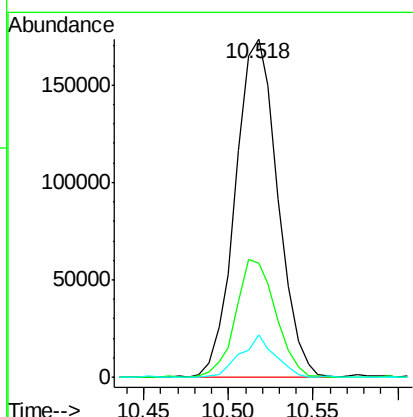
Instrument :
BNA_G
ClientSampleId :
SSTD02008

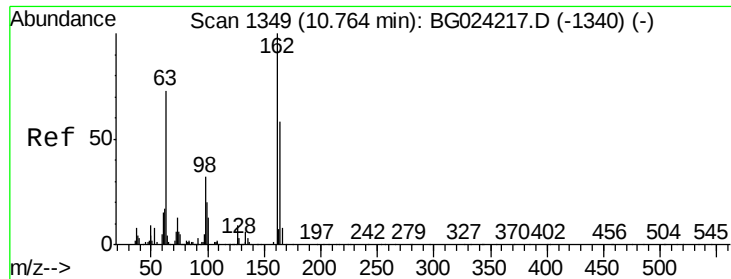
Tot Ion	Ratio	Lower	Upper
107	100		
121	46.7	43.7	65.5
122	67.1	70.3	105.5



#25
Bis(2-Chloroethoxy)methane
Concen: 20.68 ng/ul
RT: 10.518 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	26.0	39.0
123	12.7	10.1	15.1

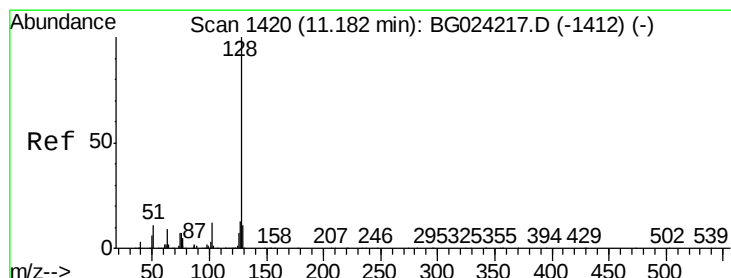
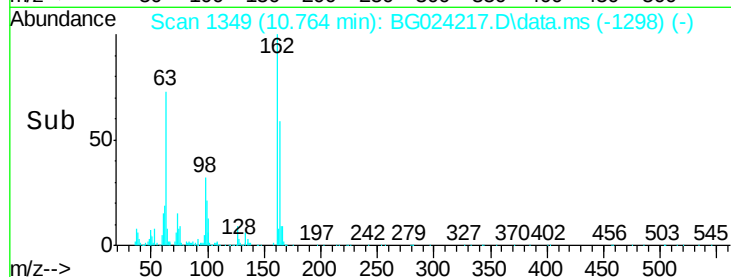
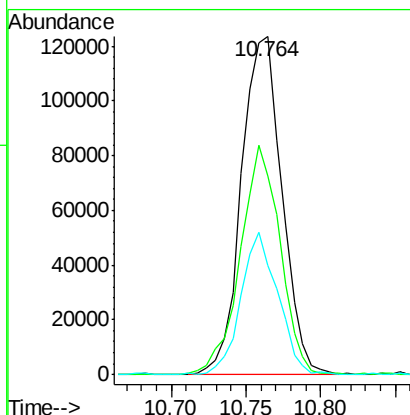
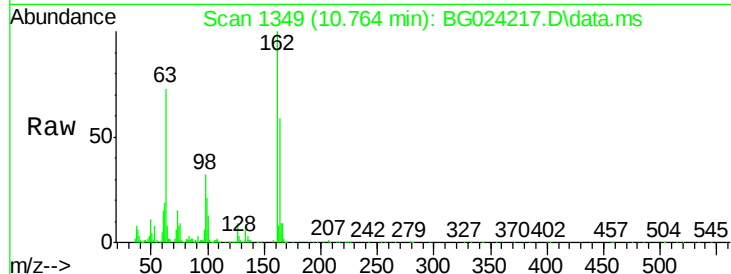




#27
 2,4-Dichlorophenol
 Concen: 21.43 ng/ul
 RT: 10.764 min Scan# 1349
 Delta R.T. 0.000 min
 Lab File: BG024217.D
 Acq: 7 Oct 2016 2:42

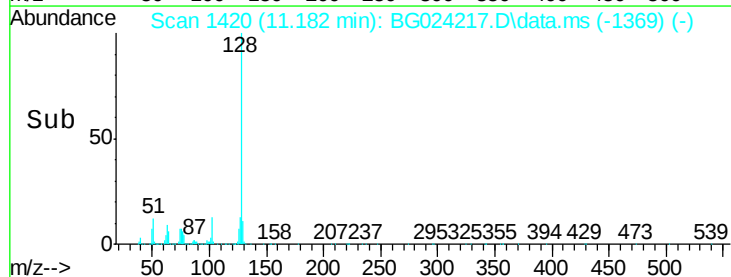
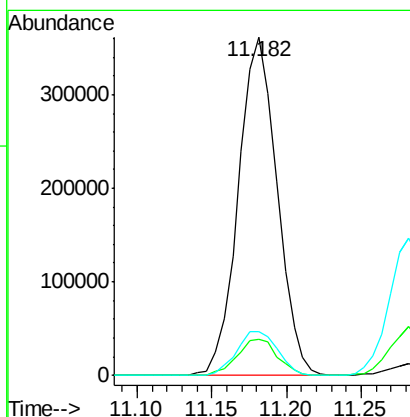
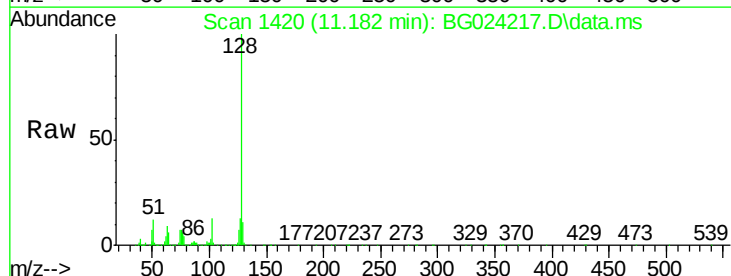
Instrument :
 BNA_G
 ClientSampleId :
 SST02008

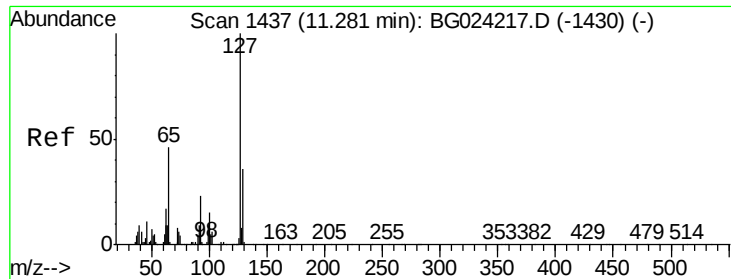
Tot Ion	Ratio	Lower	Upper
162	100		
164	58.9	51.6	77.4
98	32.1	28.3	42.5



#28
 Naphthalene
 Concen: 20.69 ng/ul
 RT: 11.182 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: BG024217.D
 Acq: 7 Oct 2016 2:42

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.2
127	13.0	11.2	16.8

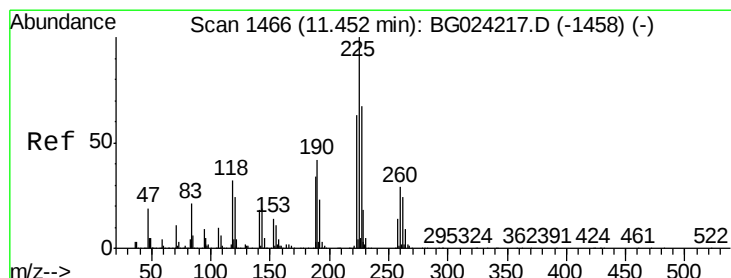
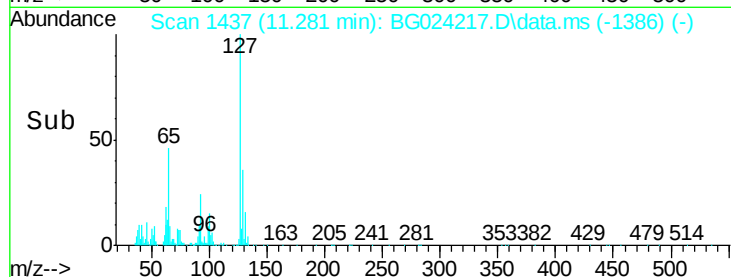
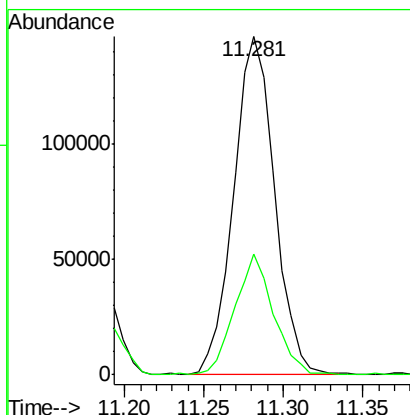
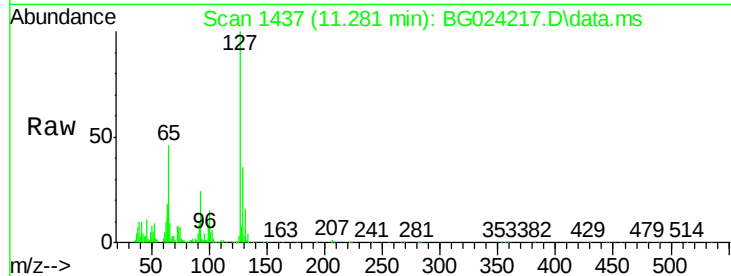




#30
4-Chloroaniline
Concen: 21.77 ng/ul
RT: 11.281 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

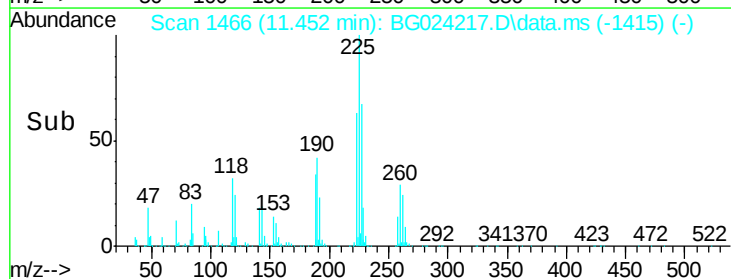
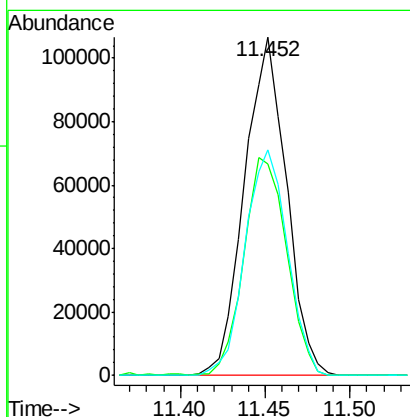
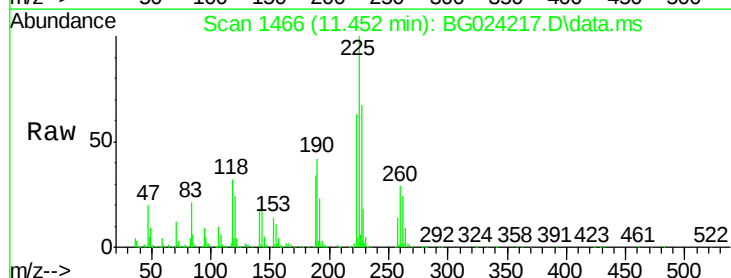
Instrument :
BNA_G
ClientSampleId :
SSTD02008

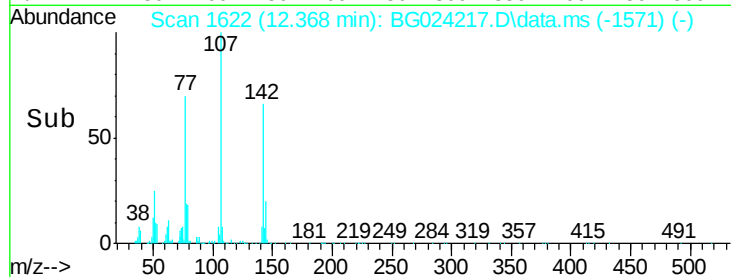
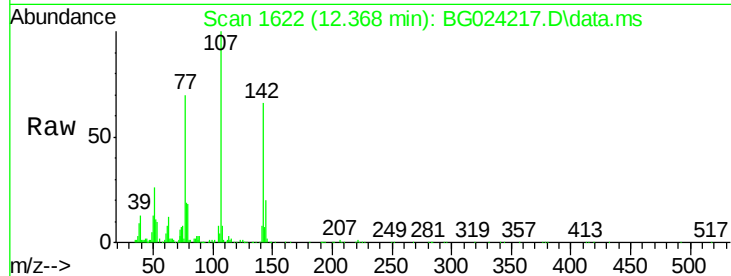
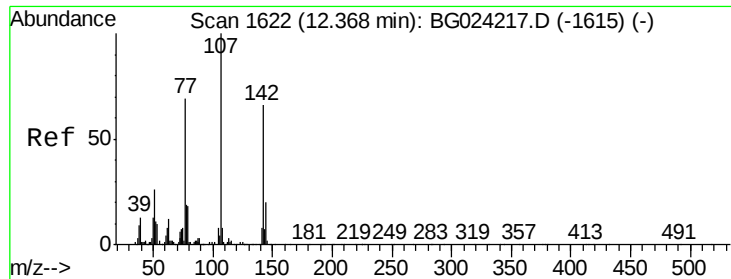
Tot Ion:127 Resp: 262063
Ion Ratio Lower Upper
127 100
129 35.5 26.9 40.3



#31
Hexachlorobutadiene
Concen: 21.14 ng/ul
RT: 11.452 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

Tgt Ion:225 Resp: 183202
Ion Ratio Lower Upper
225 100
223 66.6 54.7 82.1
227 66.7 52.2 78.4

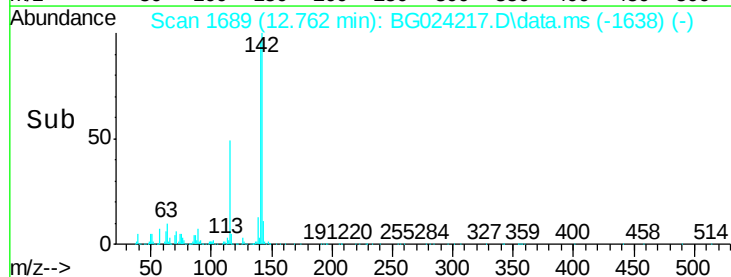
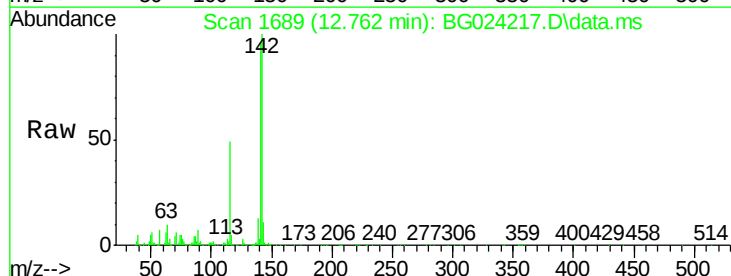
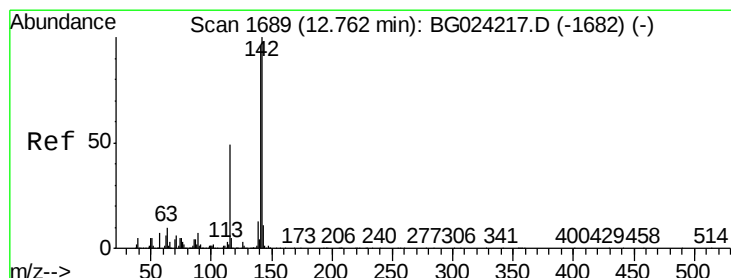
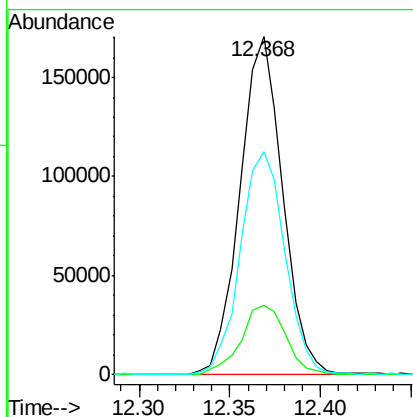




#33
4-Chloro-3-methylphenol
Concen: 21.02 ng/ul
RT: 12.368 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

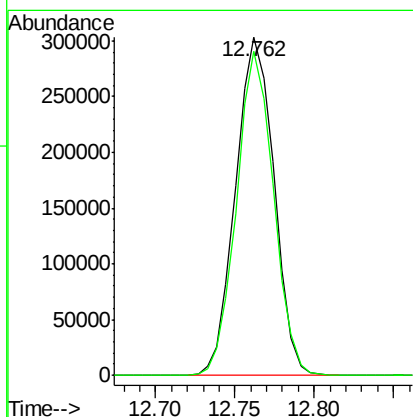
Instrument :
BNA_G
ClientSampleId :
SSTD02008

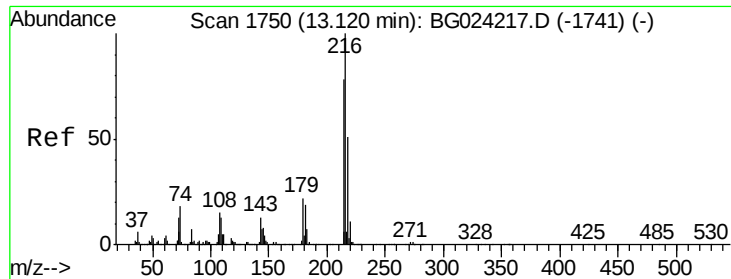
Tot Ion:107 Resp: 278416
Ion Ratio Lower Upper
107 100
144 20.3 22.7 34.1#
142 66.0 71.6 107.4#



#34
2-Methylnaphthalene
Concen: 20.38 ng/ul
RT: 12.762 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

Tgt Ion:142 Resp: 509243
Ion Ratio Lower Upper
142 100
141 95.8 75.2 112.8

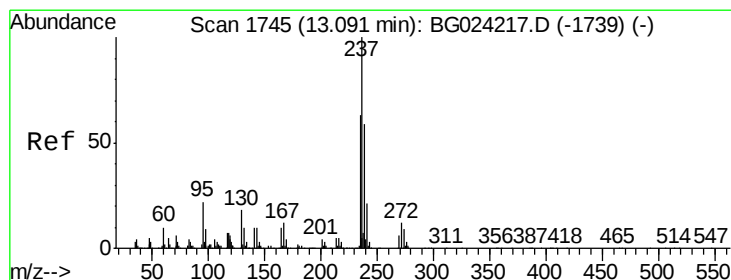
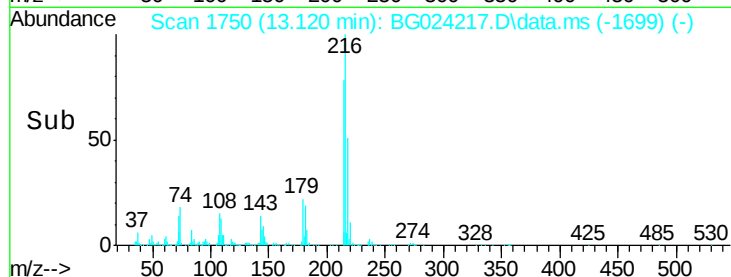
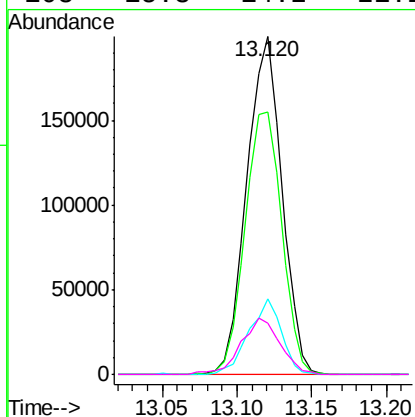
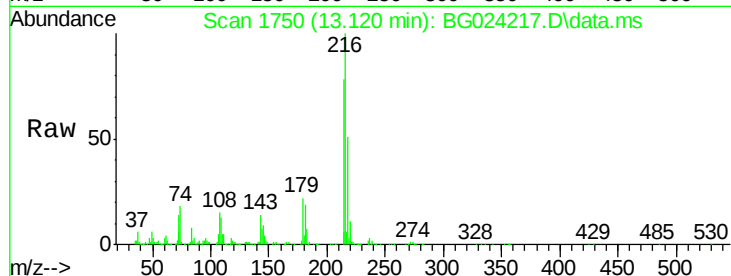




#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.22 ng/ul
 RT: 13.120 min Scan# 1741
 Delta R.T. 0.000 min
 Lab File: BG024217.D
 Acq: 7 Oct 2016 2:42

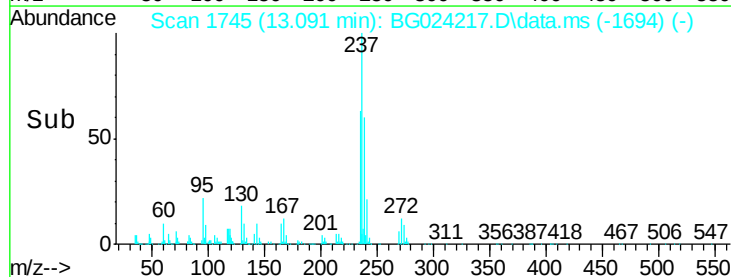
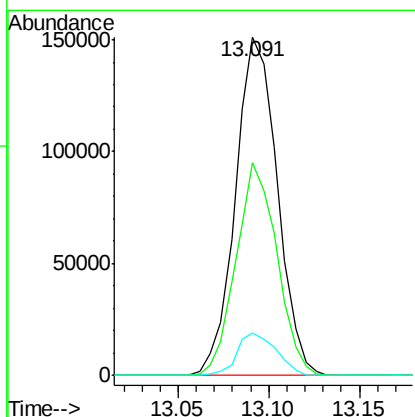
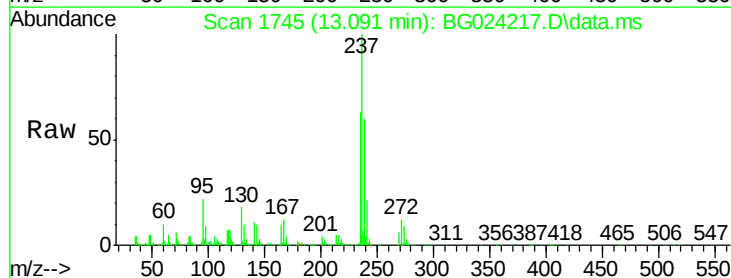
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02008

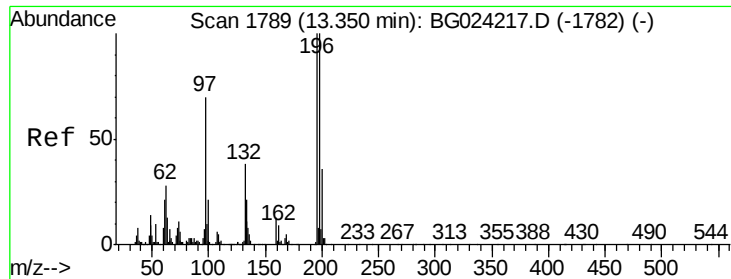
Tot Ion:	216	Resp:	324914
Ion Ratio		Lower	Upper
216	100		
214	77.6	61.7	92.5
179	22.4	17.0	25.4
108	15.3	14.2	21.2



#37
 Hexachlorocyclopentadiene
 Concen: 21.53 ng/ul
 RT: 13.091 min Scan# 1745
 Delta R.T. 0.000 min
 Lab File: BG024217.D
 Acq: 7 Oct 2016 2:42

Tgt Ion:	237	Resp:	241811
Ion Ratio		Lower	Upper
237	100		
235	63.1	49.6	74.4
272	12.7	9.3	13.9

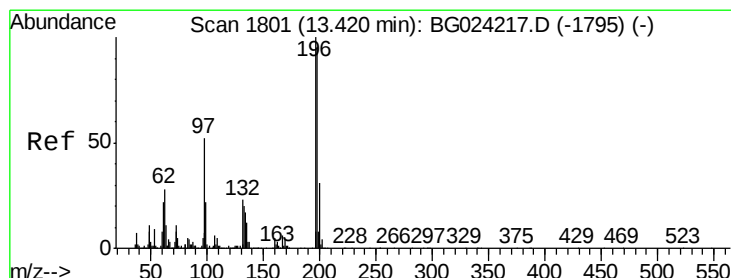
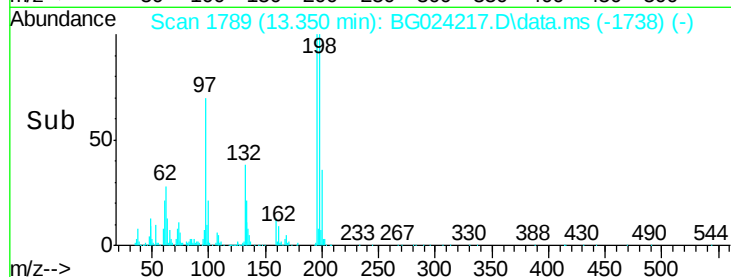
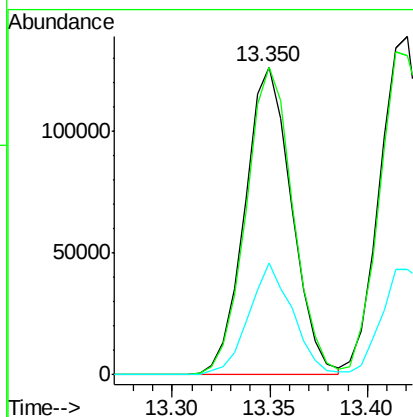
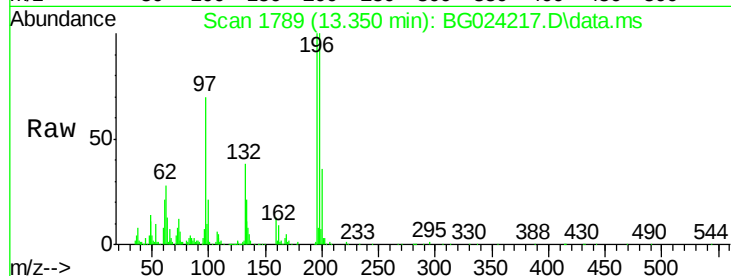




#38
 2,4,6-Trichlorophenol
 Concen: 21.11 ng/ul
 RT: 13.350 min Scan# 1789
 Delta R.T. 0.000 min
 Lab File: BG024217.D
 Acq: 7 Oct 2016 2:42

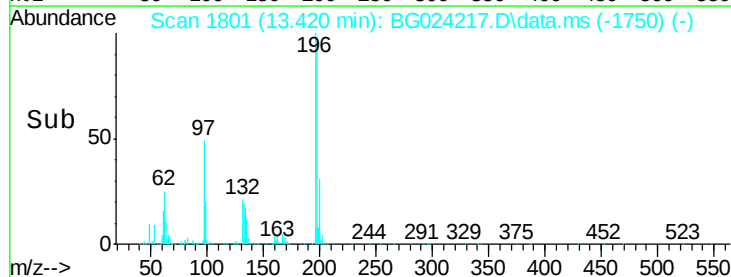
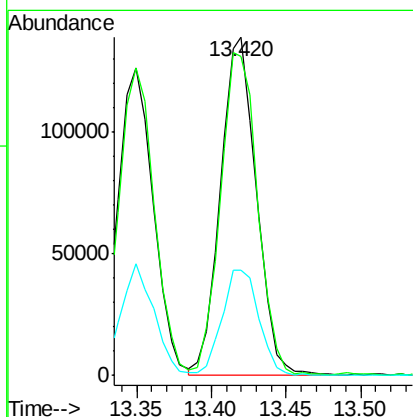
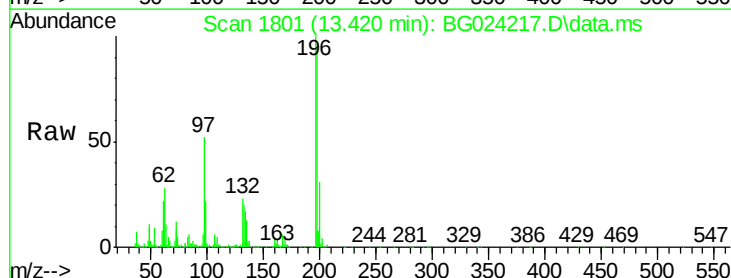
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02008

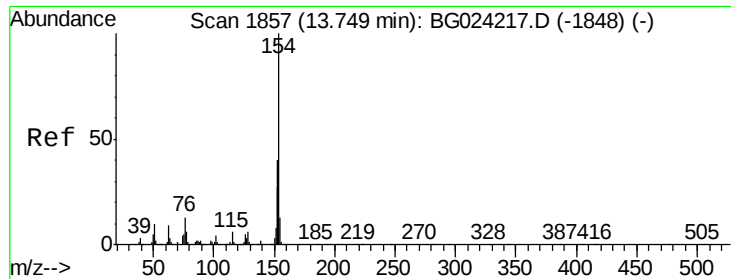
Tot Ion	Ratio	Lower	Upper
196	100		
198	100.0	77.4	116.0
200	36.4	26.6	39.8



#39
 2,4,5-Trichlorophenol
 Concen: 21.35 ng/ul
 RT: 13.420 min Scan# 1801
 Delta R.T. 0.000 min
 Lab File: BG024217.D
 Acq: 7 Oct 2016 2:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	79.8	119.8
200	31.1	24.0	36.0





#40

1,1'-Biphenyl

Concen: 20.91 ng/ul

RT: 13.749 min Scan# 18

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SSTD02008

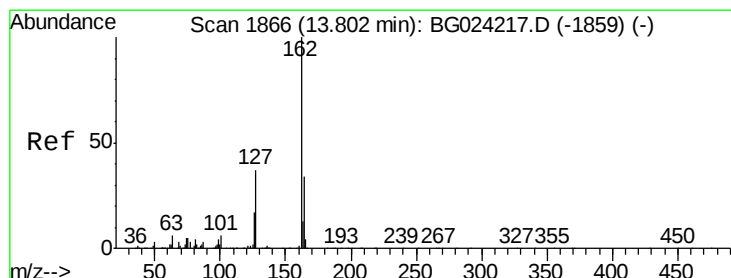
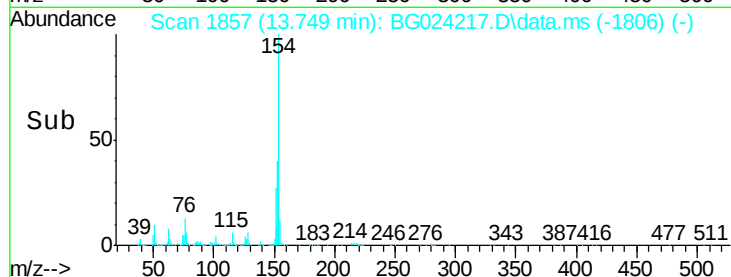
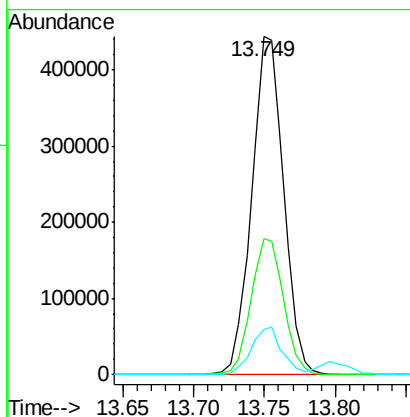
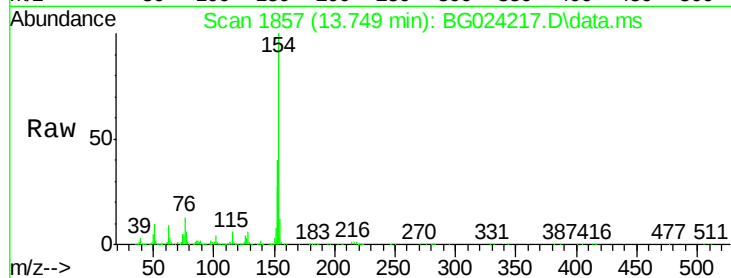
Tot Ion:154 Resp: 703299

Ion Ratio Lower Upper

154 100

153 40.0 34.6 52.0

76 13.3 11.9 17.9



#41

2-Chloronaphthalene

Concen: 21.31 ng/ul

RT: 13.802 min Scan# 1866

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

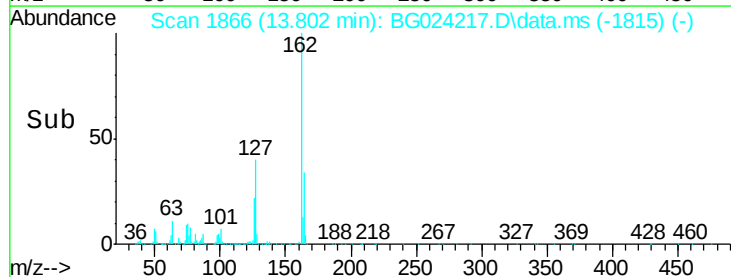
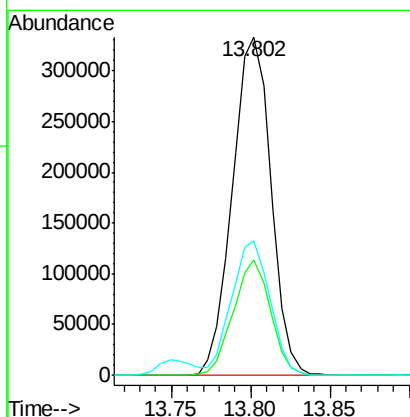
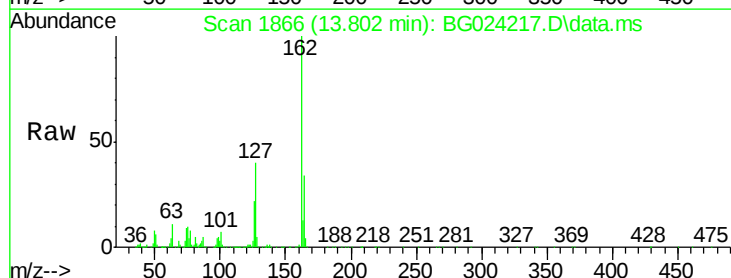
Tgt Ion:162 Resp: 561680

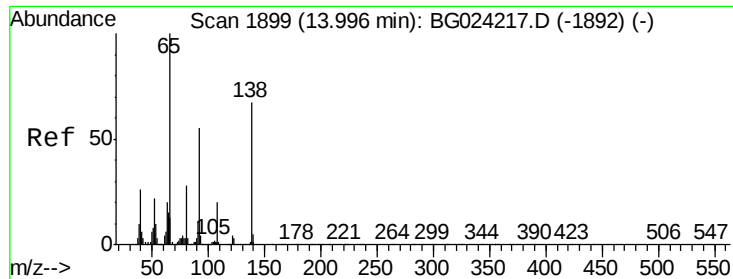
Ion Ratio Lower Upper

162 100

164 34.1 25.4 38.2

127 40.0 30.2 45.4





#42

2-Nitroaniline

Concen: 22.13 ng/ul

RT: 13.996 min Scan# 1899

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SSTD02008

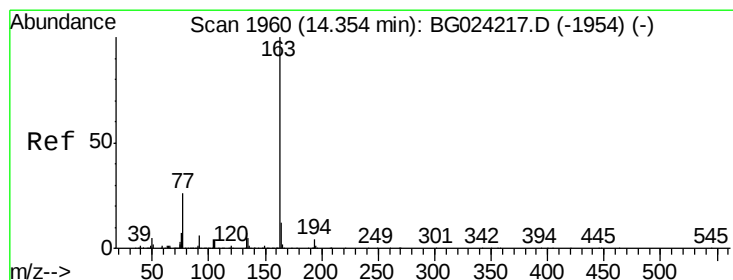
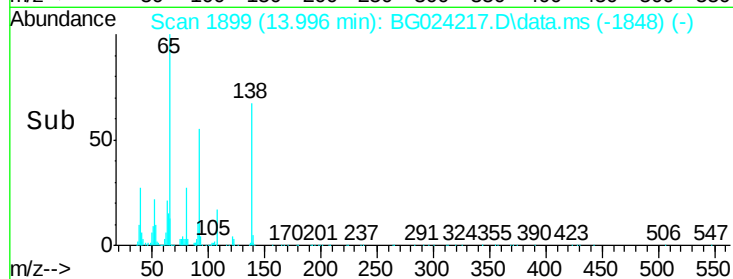
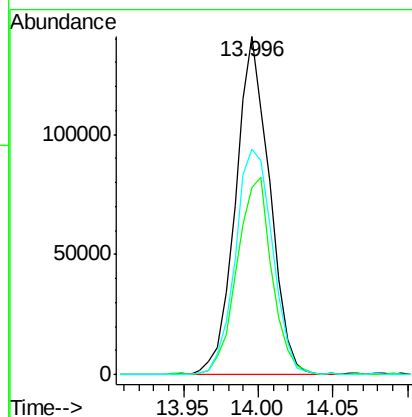
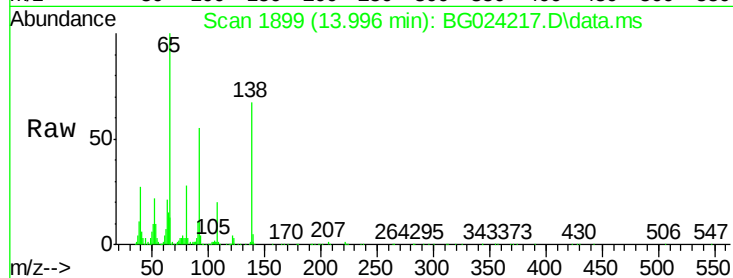
Tot Ion: 65 Resp: 222093

Ion Ratio Lower Upper

65 100

92 55.2 67.1 100.7#

138 66.7 109.6 164.4#



#44

Dimethylphthalate

Concen: 21.16 ng/ul

RT: 14.354 min Scan# 1960

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

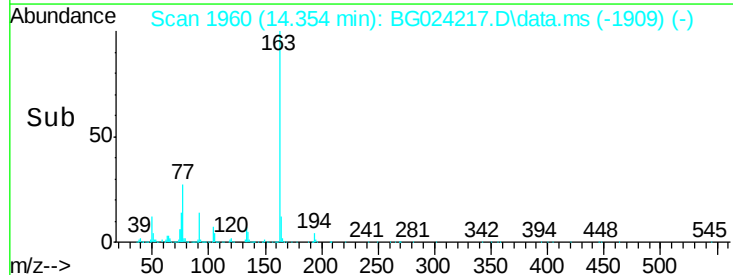
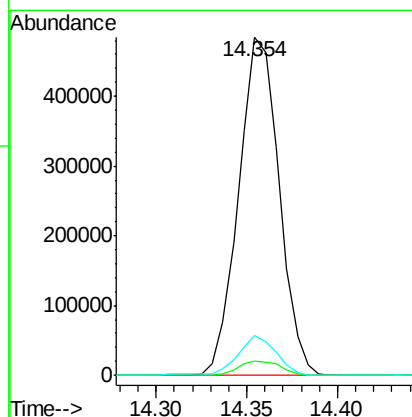
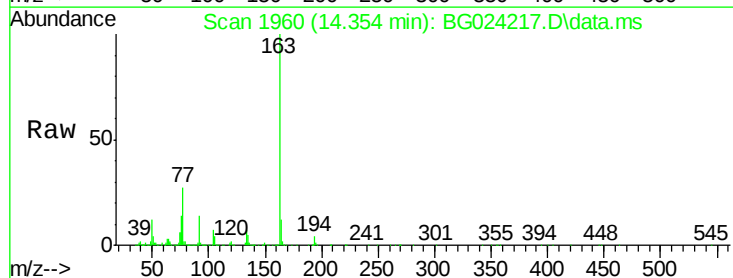
Tgt Ion: 163 Resp: 752295

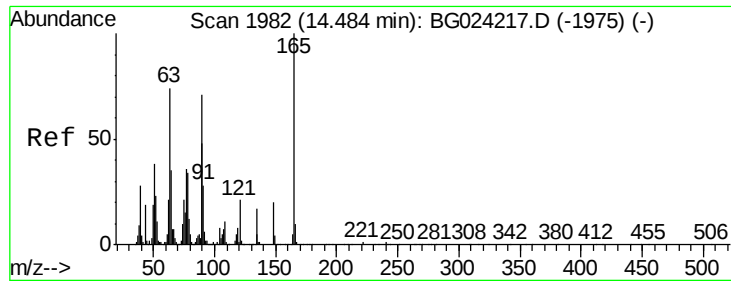
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 11.6 8.8 13.2





#45

2,6-Dinitrotoluene

Concen: 22.41 ng/ul

RT: 14.484 min Scan# 19

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SSTD02008

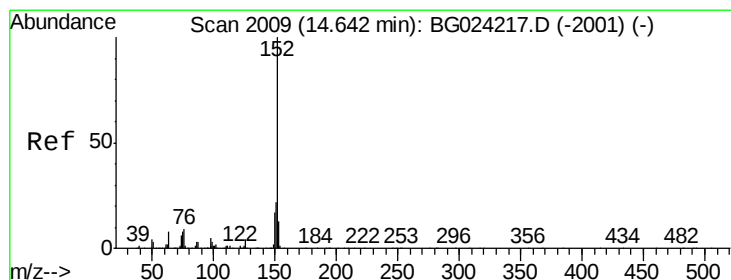
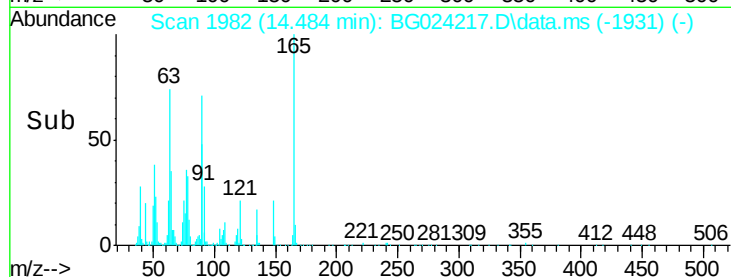
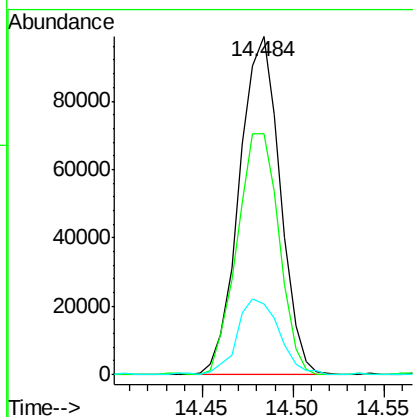
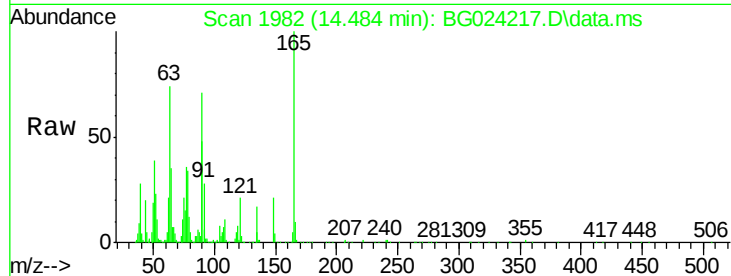
Tot Ion:165 Resp: 154613

Ion Ratio Lower Upper

165 100

89 71.1 41.5 62.3#

121 21.0 17.0 25.4



#47

Acenaphthylene

Concen: 21.04 ng/ul

RT: 14.642 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

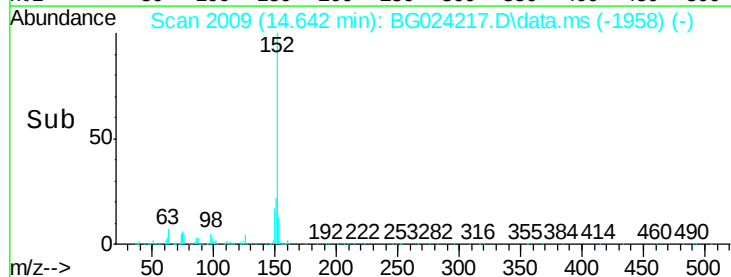
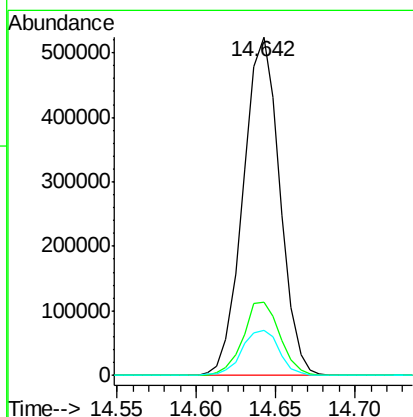
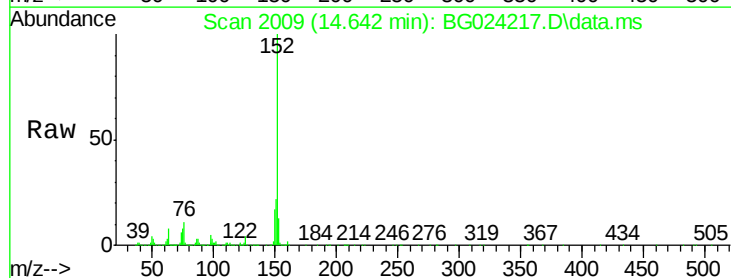
Tgt Ion:152 Resp: 840879

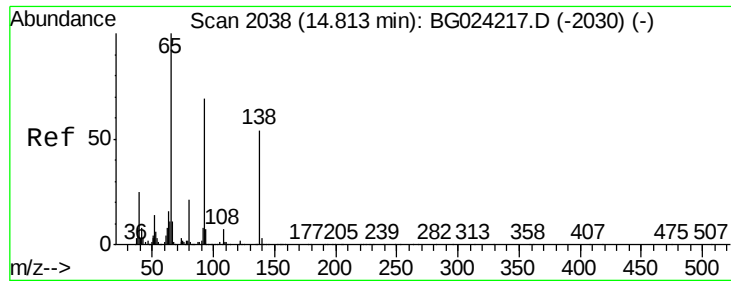
Ion Ratio Lower Upper

152 100

151 21.7 17.5 26.3

153 13.4 11.1 16.7

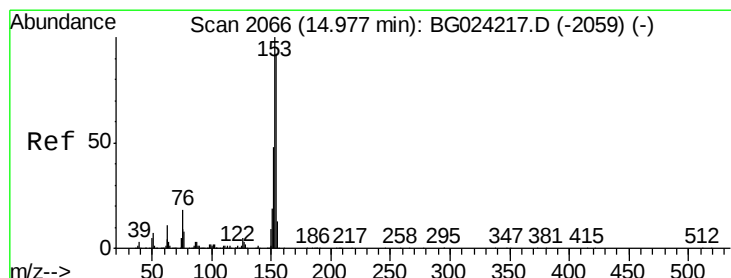
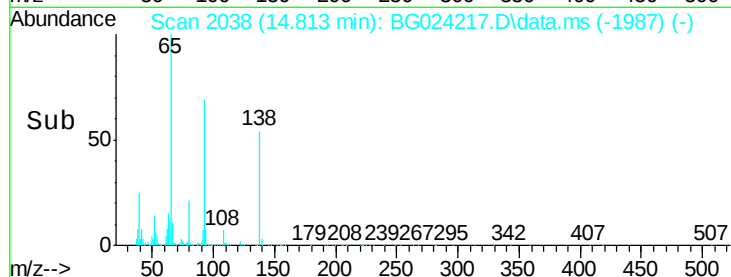
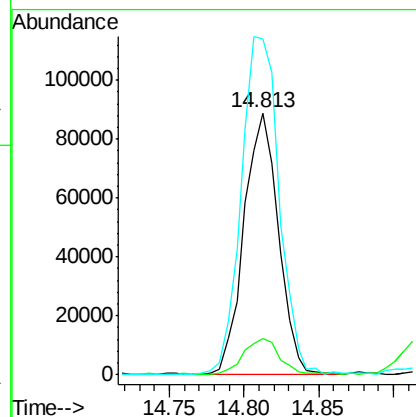
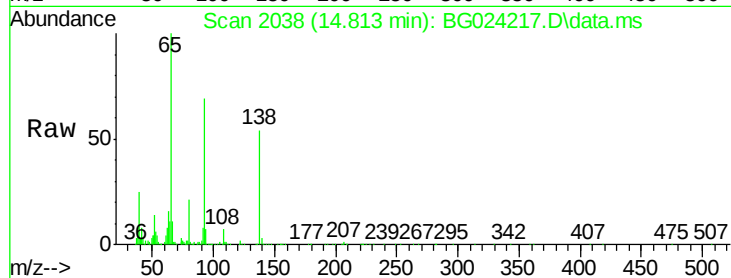




#48
3-Nitroaniline
Concen: 21.79 ng/ul
RT: 14.813 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

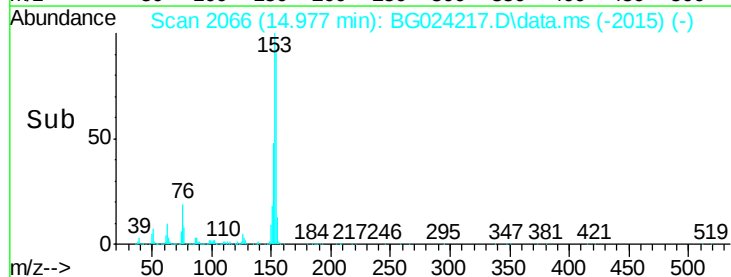
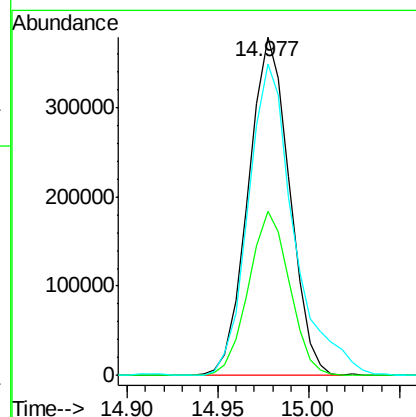
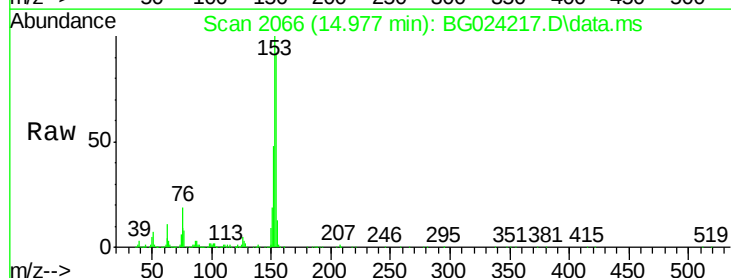
Instrument :
BNA_G
ClientSampleId :
SSTD02008

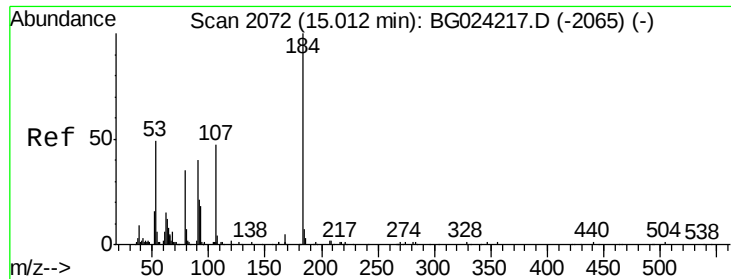
Tot Ion:138 Resp: 142034
Ion Ratio Lower Upper
138 100
108 13.6 6.2 9.2#
92 128.0 79.3 118.9#



#49
Acenaphthene
Concen: 20.90 ng/ul
RT: 14.977 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

Tgt Ion:153 Resp: 597152
Ion Ratio Lower Upper
153 100
152 48.5 37.3 55.9
154 92.2 68.2 102.2

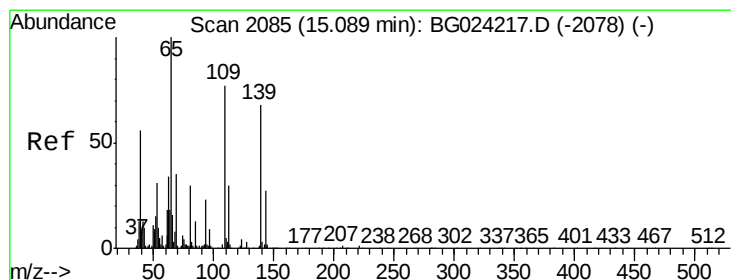
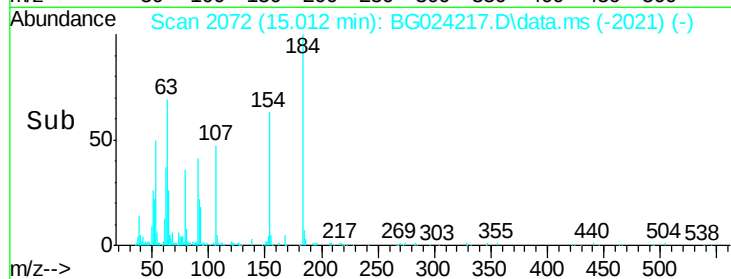
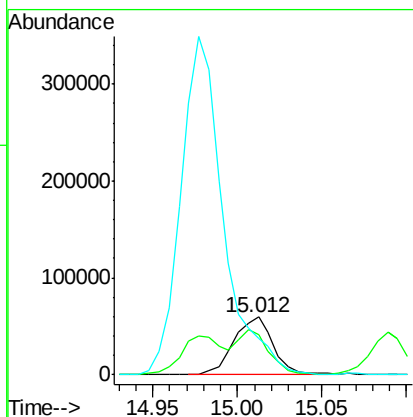
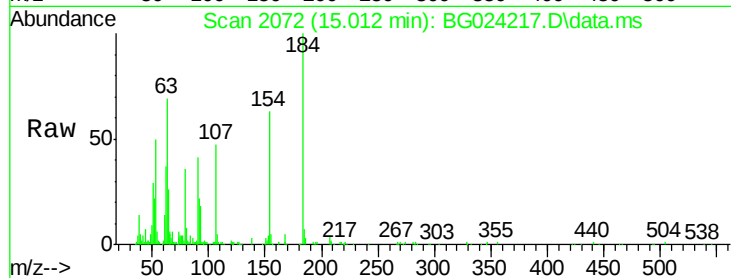




#50
2,4-Dinitrophenol
Concen: 20.58 ng/ul
RT: 15.012 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

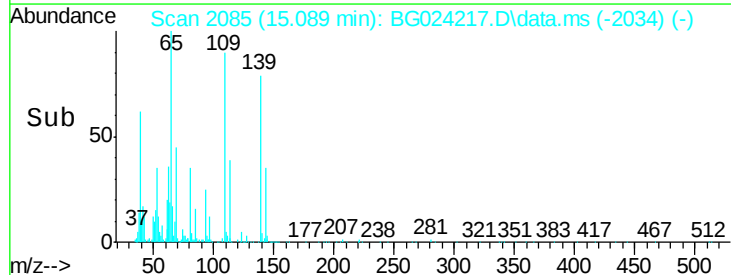
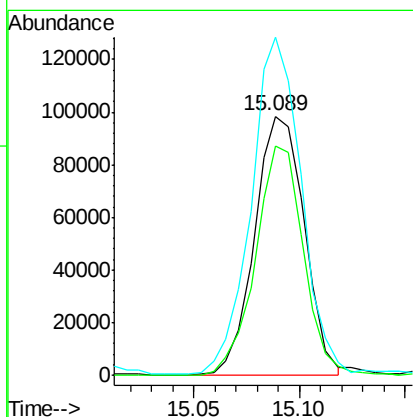
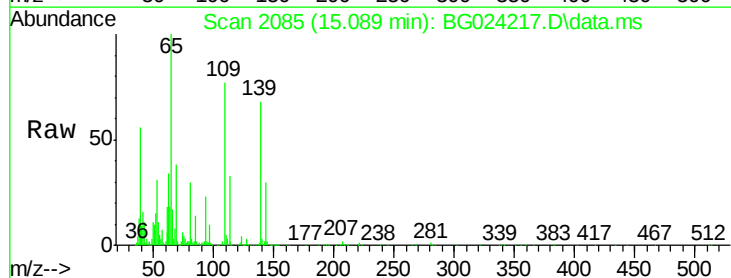
Instrument :
BNA_G
ClientSampleId :
SSTD02008

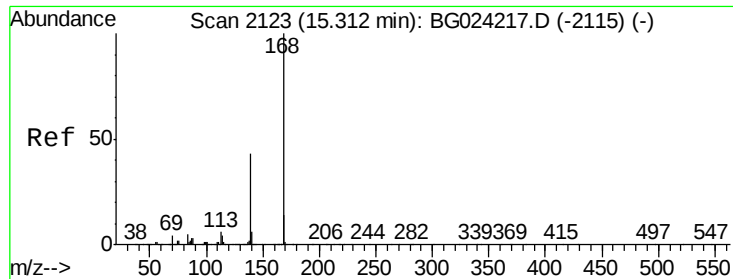
Tot Ion	Ratio	Lower	Upper
184	100		
63	69.3	40.5	60.7#
154	62.8	48.5	72.7



#52
4-Nitrophenol
Concen: 20.60 ng/ul
RT: 15.089 min Scan# 2085
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

Tgt Ion	Ratio	Lower	Upper
109	100		
139	88.4	136.1	204.1#
65	130.4	106.0	159.0





#53

Dibenzofuran

Concen: 21.11 ng/ul

RT: 15.312 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

Instrument :

BNA_G

ClientSampleId :

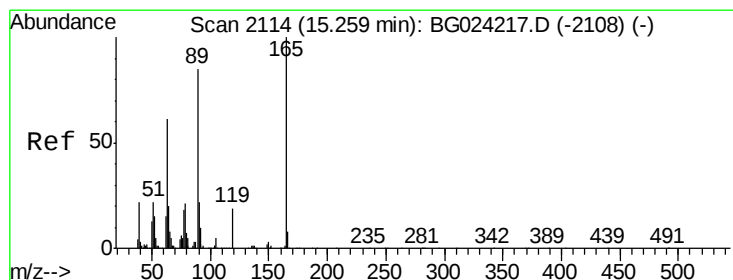
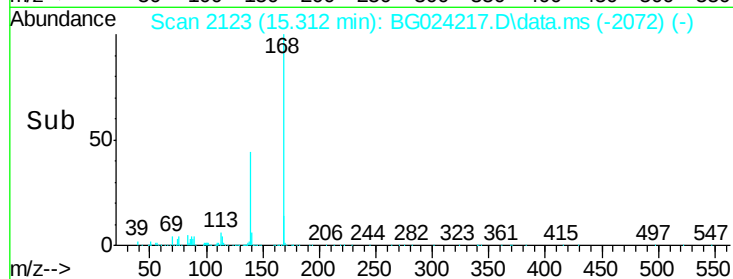
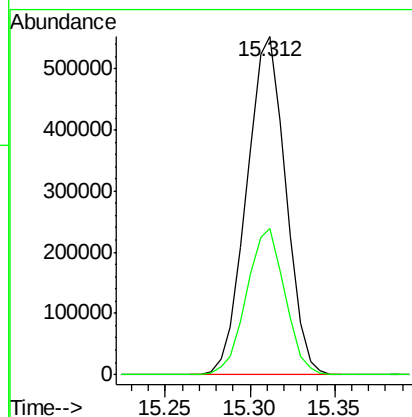
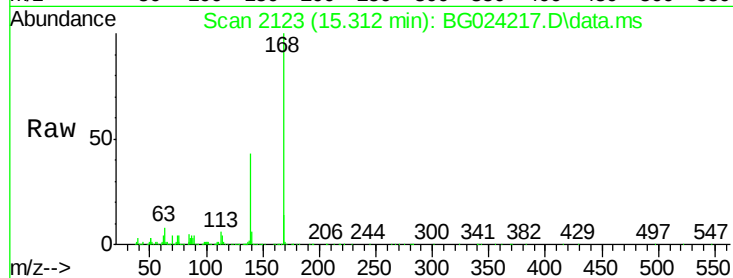
SSTD02008

Tot Ion:168 Resp: 887539

Ion Ratio Lower Upper

168 100

139 43.3 27.4 41.0#



#54

2,4-Dinitrotoluene

Concen: 20.59 ng/ul

RT: 15.259 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

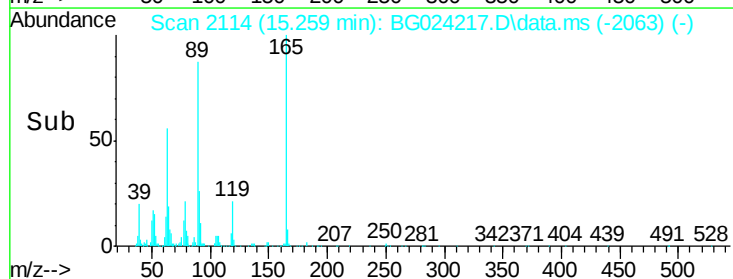
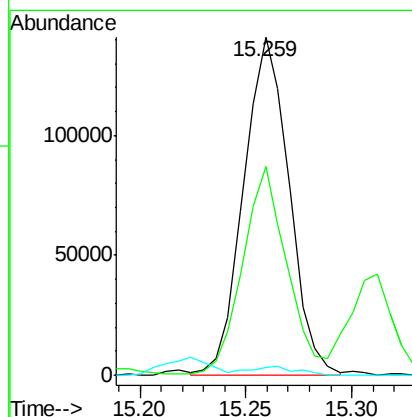
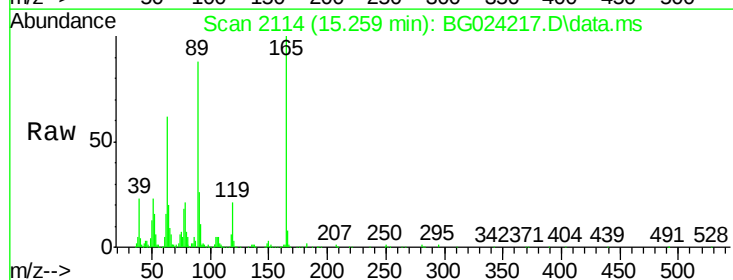
Tgt Ion:165 Resp: 210530

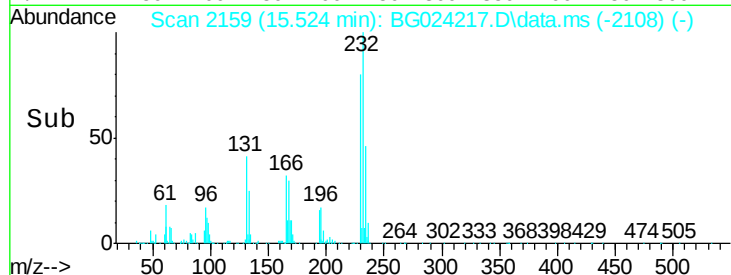
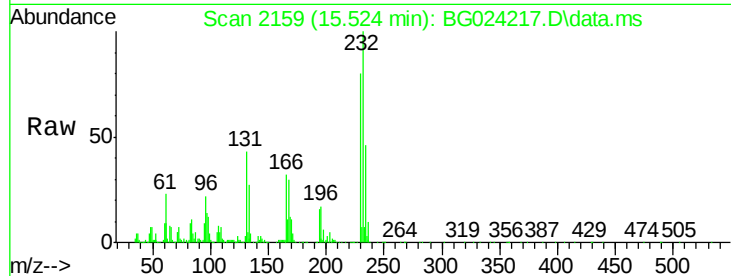
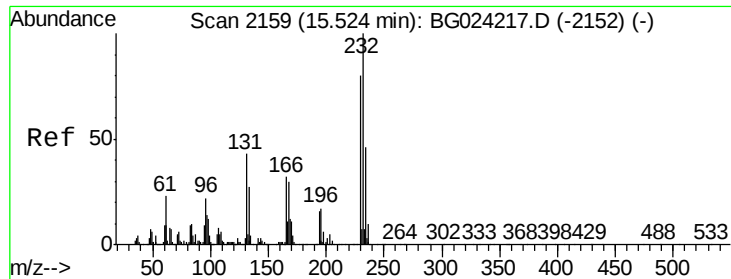
Ion Ratio Lower Upper

165 100

63 61.8 25.7 38.5#

182 2.2 2.1 3.1

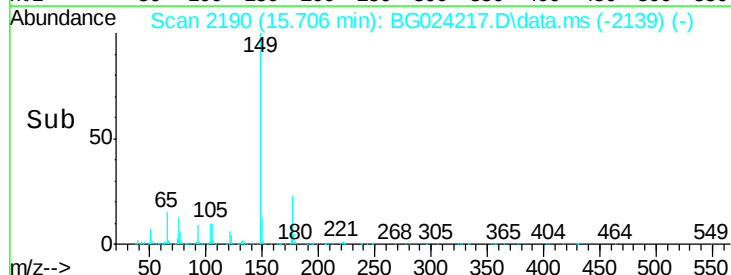
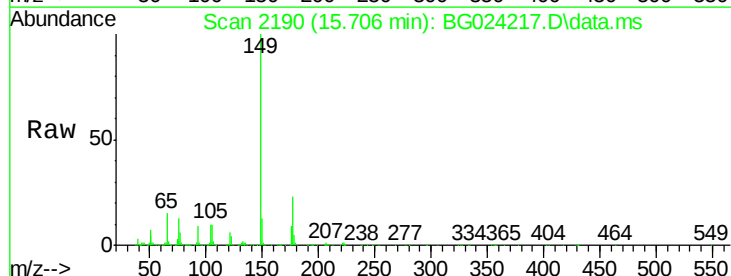
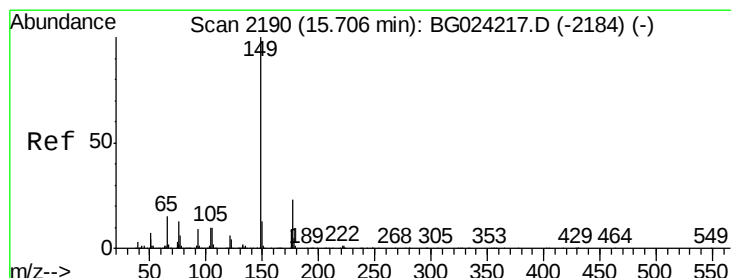
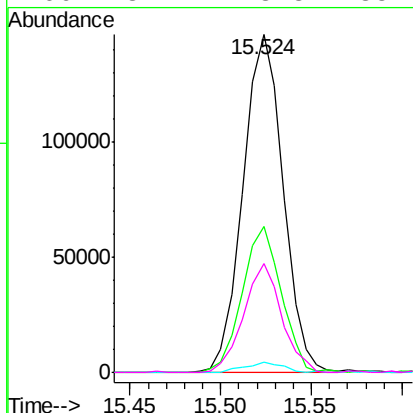




#55
2,3,4,6-Tetrachlorophenol
Concen: 21.10 ng/ul
RT: 15.524 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

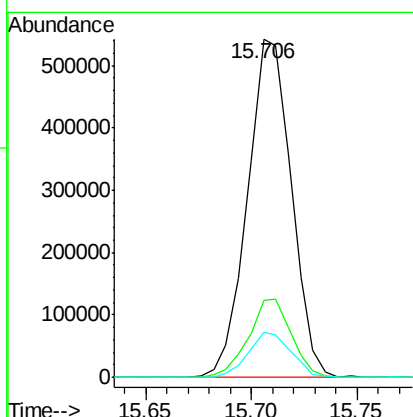
Instrument :
BNA_G
ClientSampleId :
SSTD02008

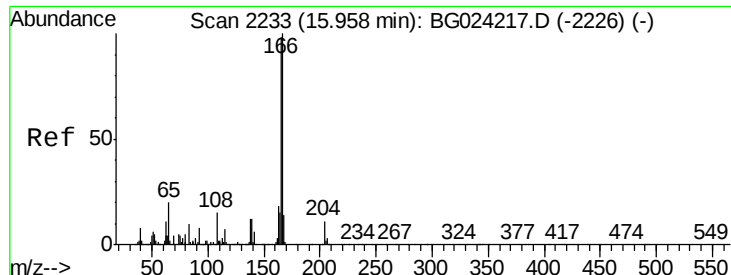
Tot Ion:	232	Resp:	226027
Ion Ratio		Lower	Upper
232	100		
131	43.3	34.8	52.2
130	3.2	2.2	3.2
166	32.1	23.8	35.6



#56
Diethylphthalate
Concen: 20.89 ng/ul
RT: 15.706 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

Tgt Ion:	149	Resp:	782859
Ion Ratio		Lower	Upper
149	100		
177	22.6	17.4	26.2
150	13.4	9.6	14.4





#58

Fluorene

Concen: 20.77 ng/ul

RT: 15.958 min Scan# 2233

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SSTD02008

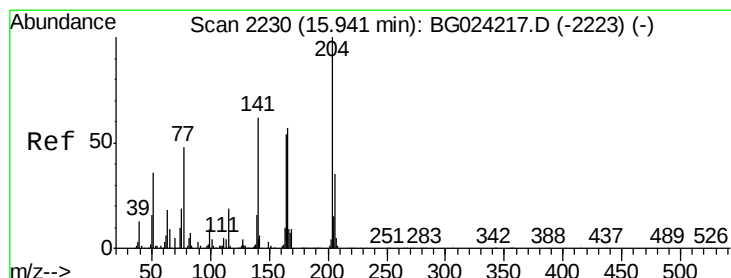
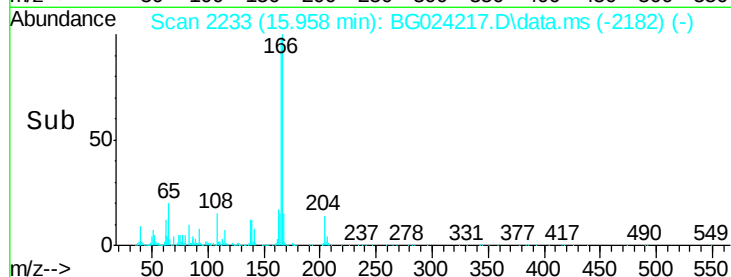
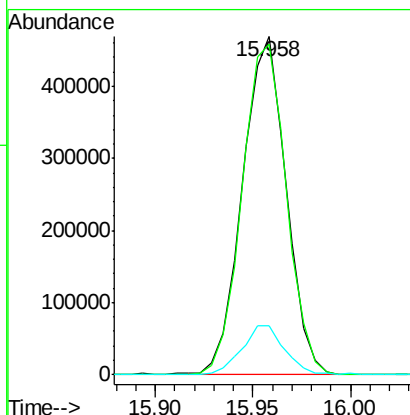
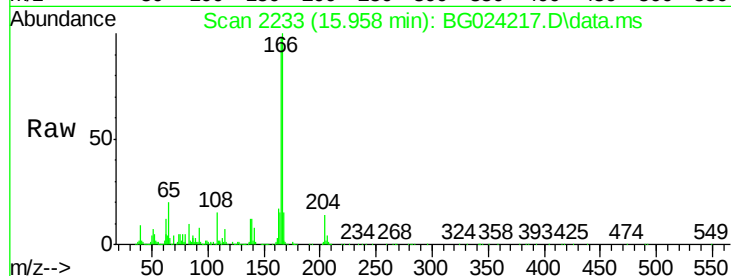
Tot Ion:166 Resp: 722145

Ion Ratio Lower Upper

166 100

165 97.8 80.3 120.5

167 14.6 10.3 15.5



#59

4-Chlorophenyl-phenylether

Concen: 20.67 ng/ul

RT: 15.941 min Scan# 2230

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

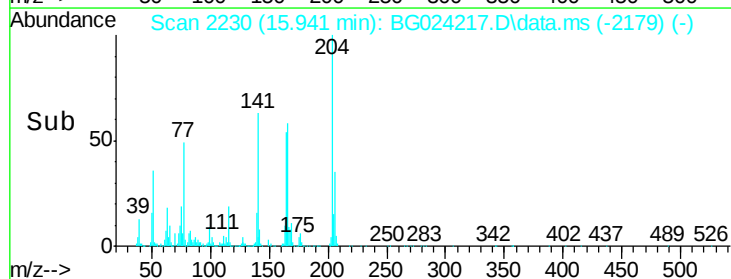
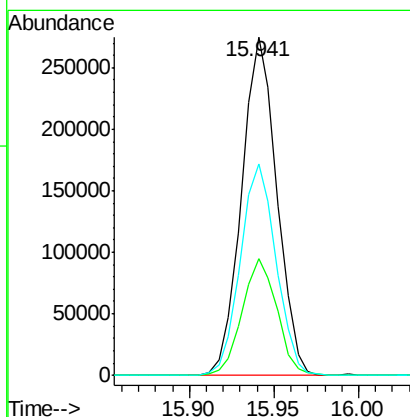
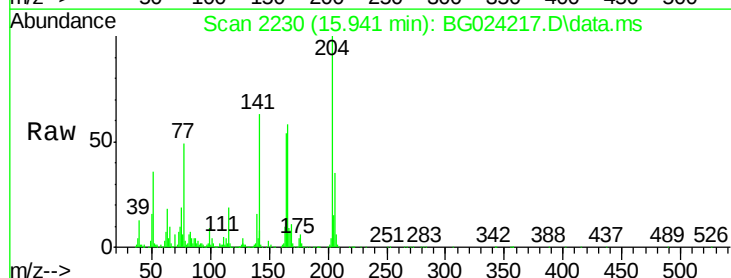
Tgt Ion:204 Resp: 398800

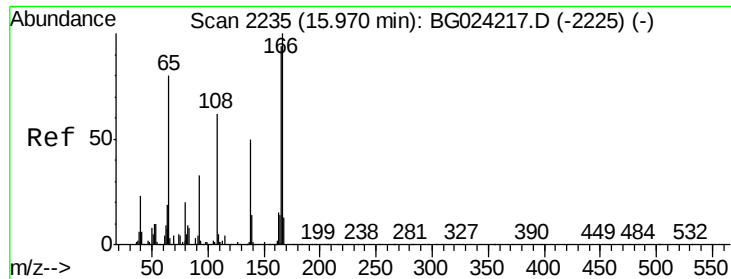
Ion Ratio Lower Upper

204 100

206 34.7 27.4 41.2

141 62.6 47.1 70.7

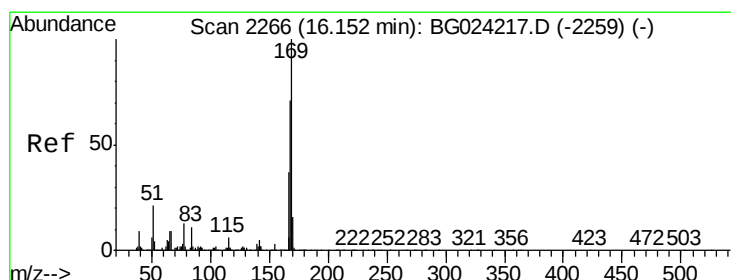
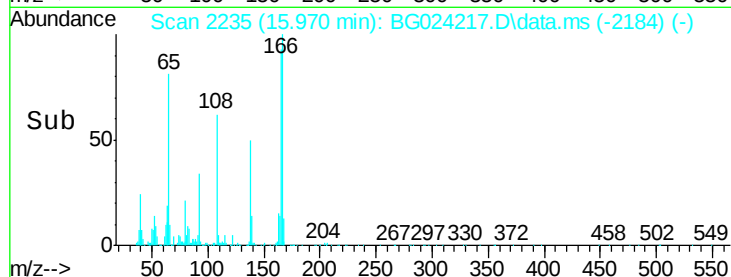
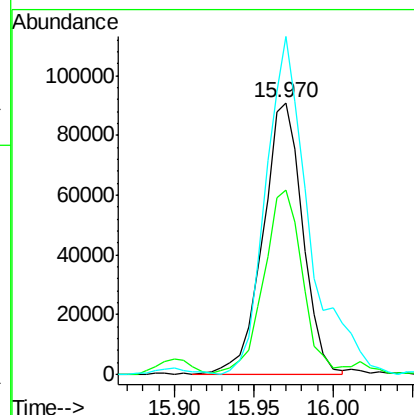
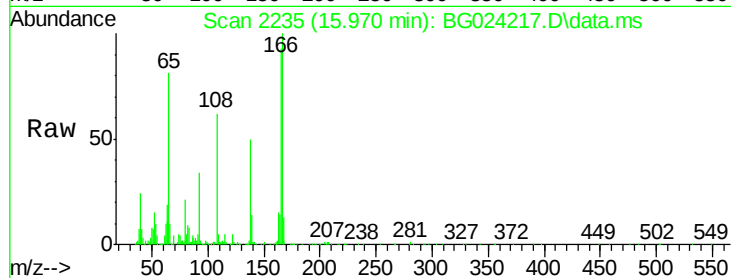




#60
4-Nitroaniline
Concen: 21.08 ng/ul
RT: 15.970 min Scan# 22
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

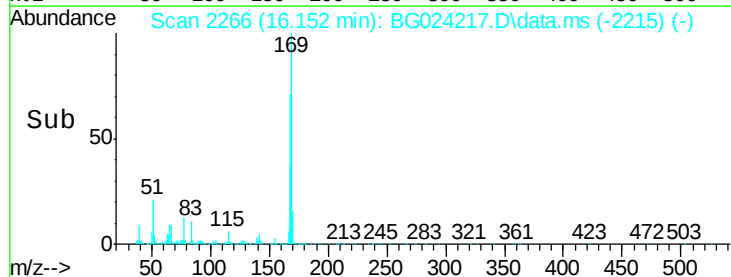
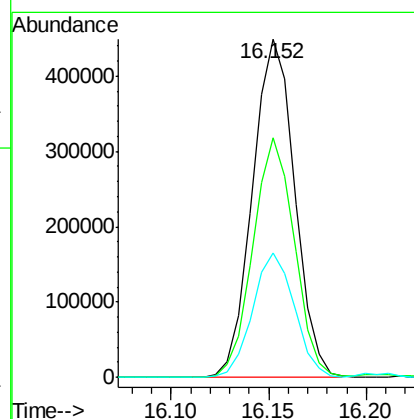
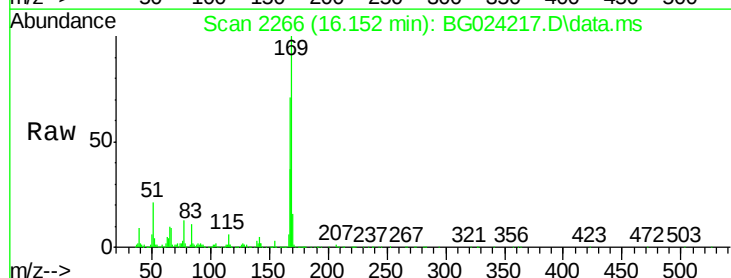
Instrument :
BNA_G
ClientSampleId :
SSTD02008

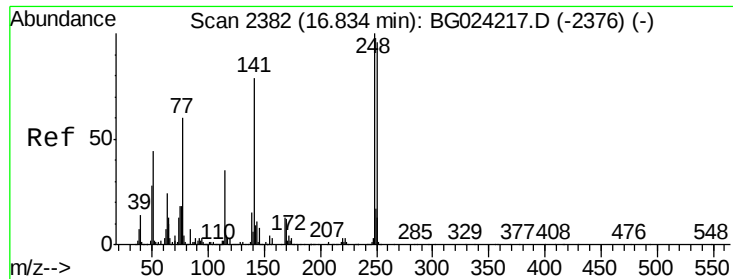
Tot Ion:138 Resp: 158200
Ion Ratio Lower Upper
138 100
92 68.0 39.0 58.4#
108 124.3 49.2 73.8#



#64
N-Nitrosodiphenylamine
Concen: 22.36 ng/ul
RT: 16.152 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

Tgt Ion:169 Resp: 671700
Ion Ratio Lower Upper
169 100
168 70.7 59.0 88.6
167 36.8 30.6 46.0

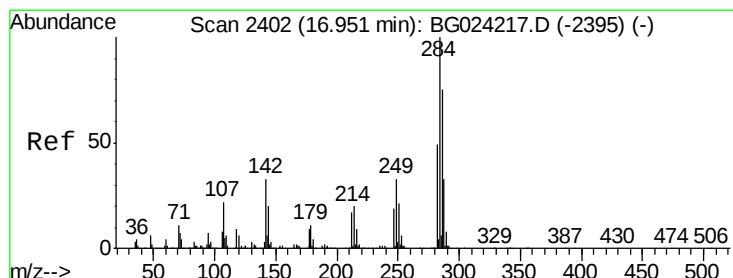
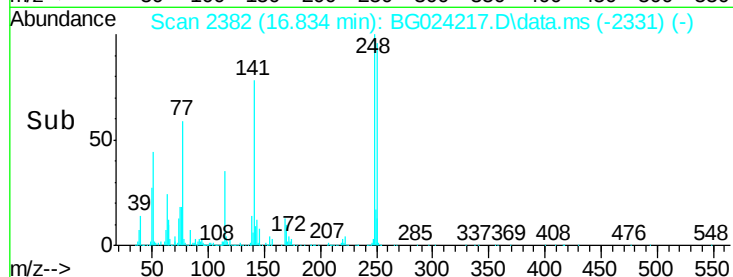
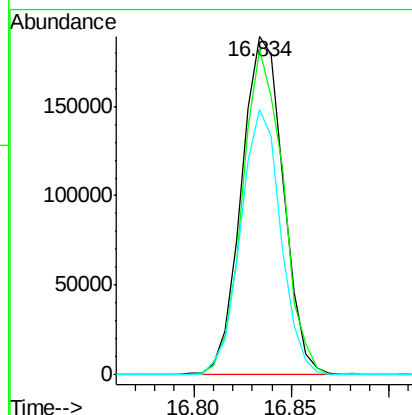
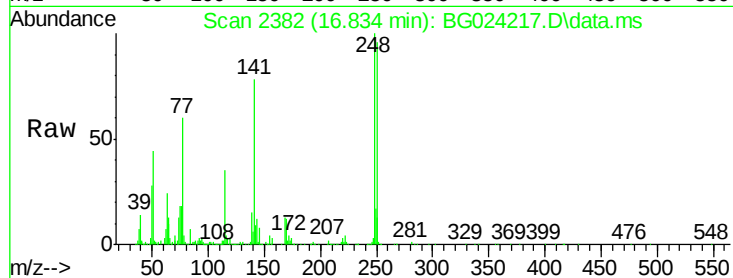




#65
4-Bromophenyl-phenylether
Concen: 22.78 ng/ul
RT: 16.834 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

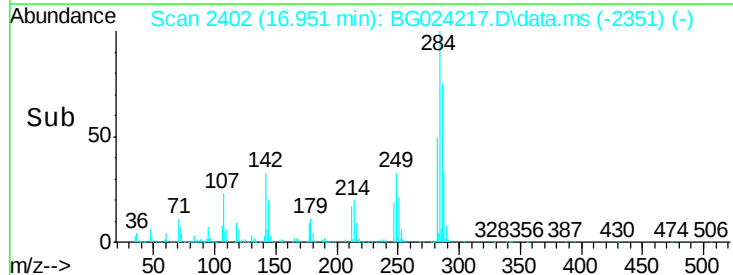
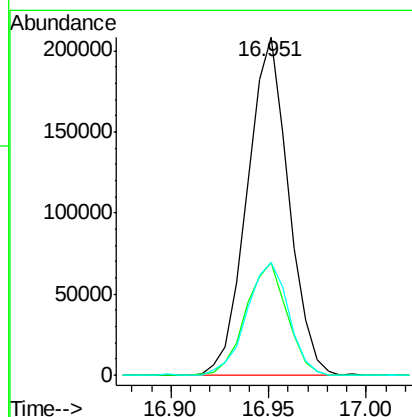
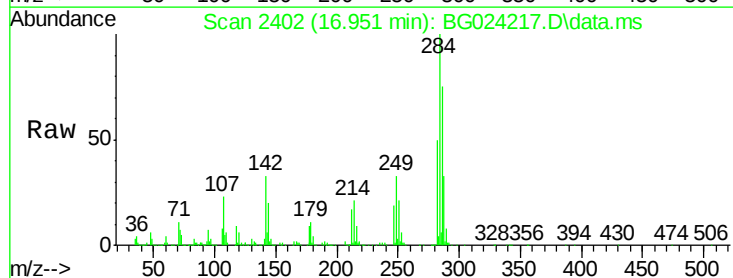
Instrument :
BNA_G
ClientSampleId :
SSTD02008

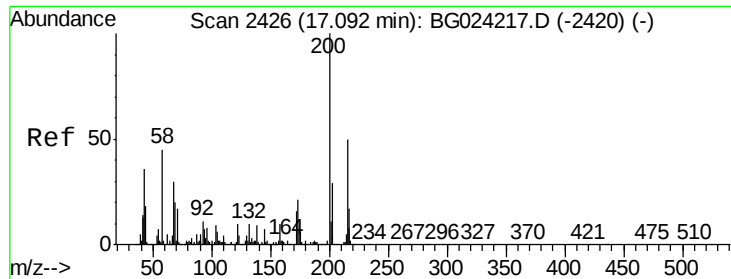
Tot Ion:248 Resp: 280138
Ion Ratio Lower Upper
248 100
250 96.3 76.6 114.8
141 78.4 61.8 92.6



#66
Hexachlorobenzene
Concen: 22.20 ng/ul
RT: 16.951 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BG024217.D
Acq: 7 Oct 2016 2:42

Tgt Ion:284 Resp: 304651
Ion Ratio Lower Upper
284 100
142 33.4 27.8 41.8
249 33.4 24.4 36.6

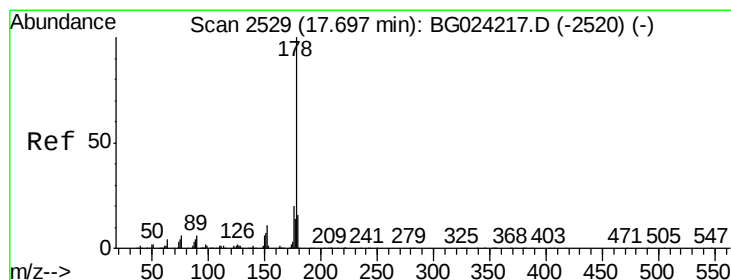
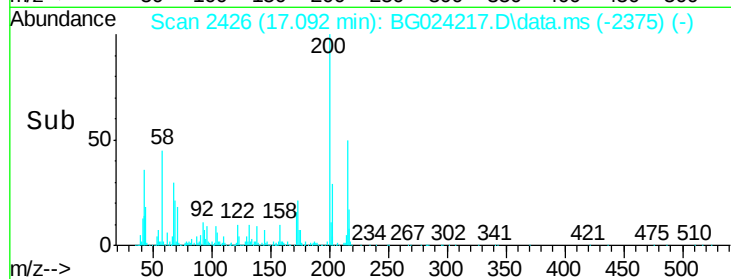
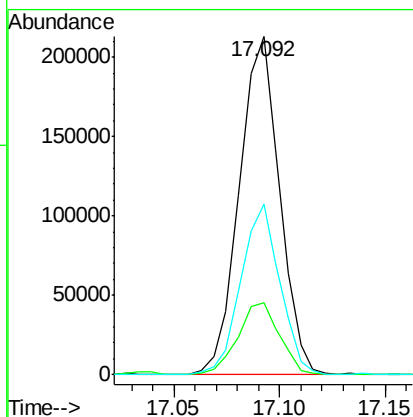
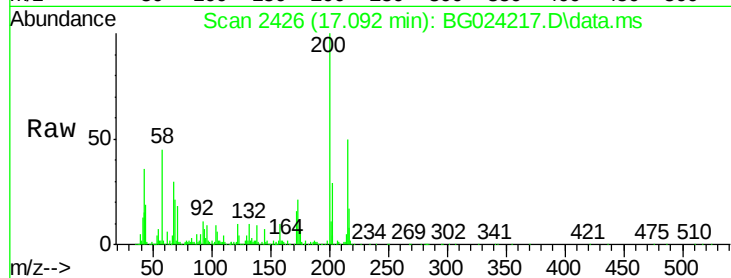




#67
 Atrazine
 Concen: 22.86 ng/ul
 RT: 17.092 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BG024217.D
 Acq: 7 Oct 2016 2:42

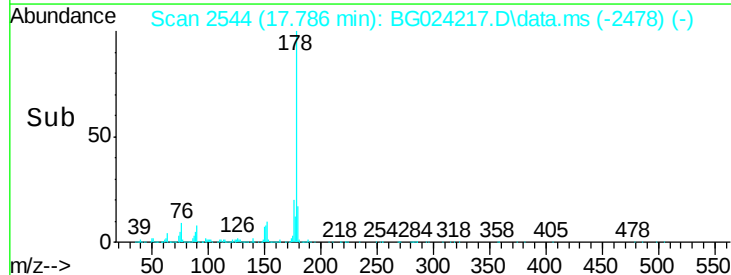
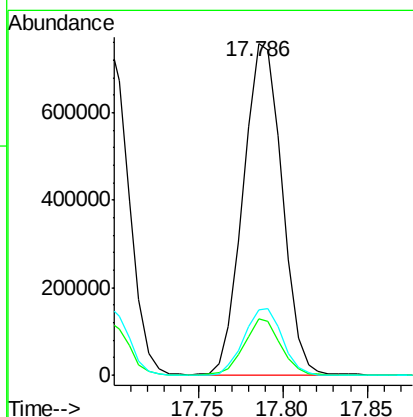
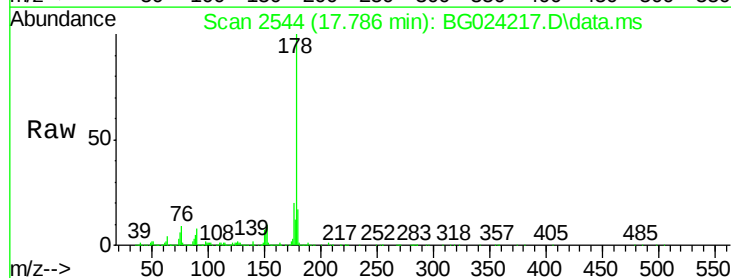
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02008

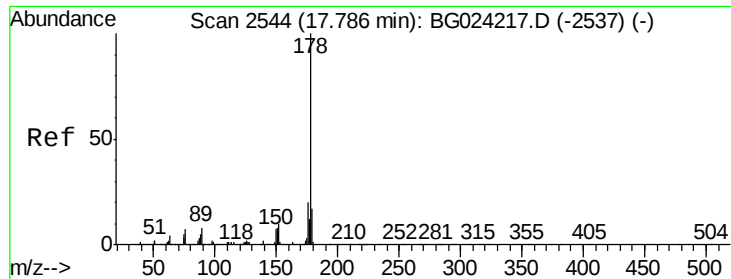
Tot Ion	Ratio	Lower	Upper
200	100		
173	21.1	21.0	31.6
215	50.3	37.9	56.9



#69
 Phenanthrene
 Concen: 22.65 ng/ul
 RT: 17.786 min Scan# 2544
 Delta R.T. 0.088 min
 Lab File: BG024217.D
 Acq: 7 Oct 2016 2:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.9	19.3
176	19.9	15.8	23.8

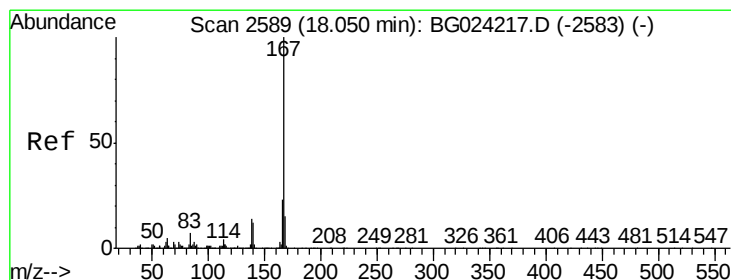
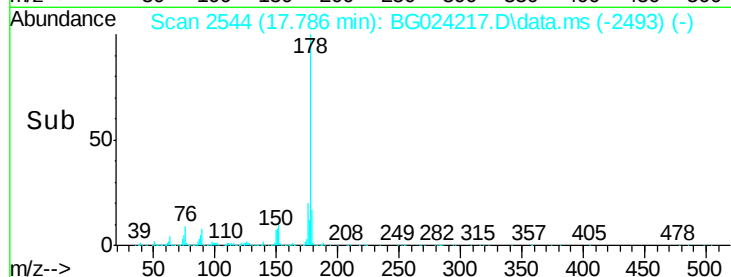
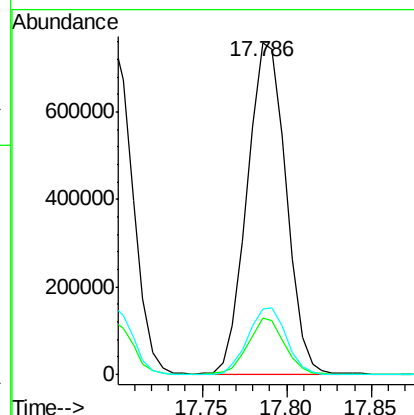
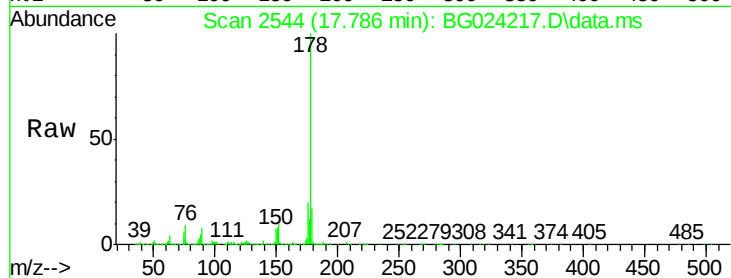




#71
 Anthracene
 Concen: 22.25 ng/ul
 RT: 17.786 min Scan# 2544
 Delta R.T. 0.000 min
 Lab File: BG024217.D
 Acq: 7 Oct 2016 2:42

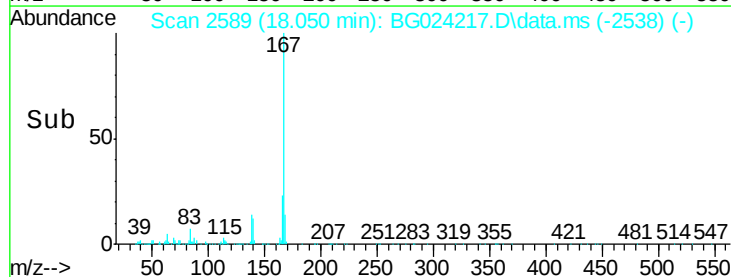
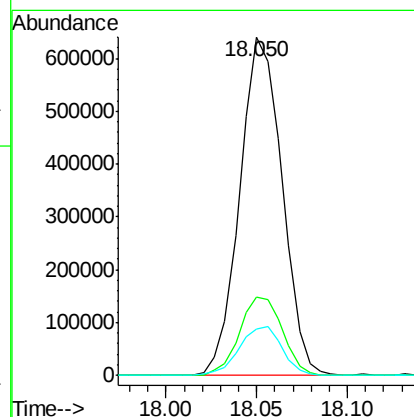
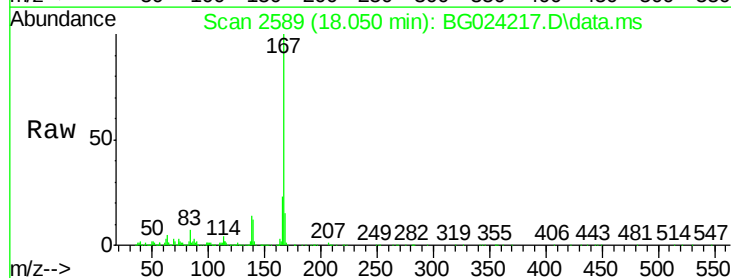
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02008

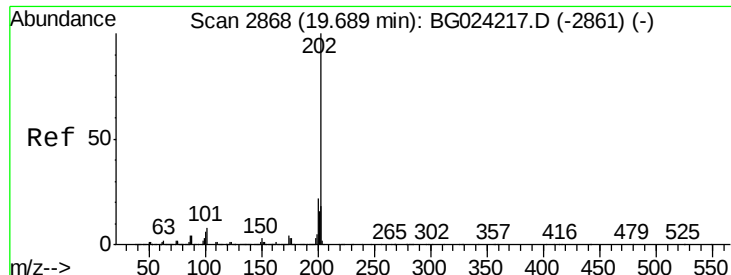
Tot Ion:178 Resp: 1214256
 Ion Ratio Lower Upper
 178 100
 179 17.1 12.3 18.5
 176 19.9 16.3 24.5



#72
 Carbazole
 Concen: 24.09 ng/ul
 RT: 18.050 min Scan# 2589
 Delta R.T. 0.000 min
 Lab File: BG024217.D
 Acq: 7 Oct 2016 2:42

Tgt Ion:167 Resp: 1031772
 Ion Ratio Lower Upper
 167 100
 166 23.1 19.2 28.8
 139 13.5 10.2 15.4





#74

Fluoranthene

Concen: 25.17 ng/ul

RT: 19.689 min Scan# 2868

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SSTD02008

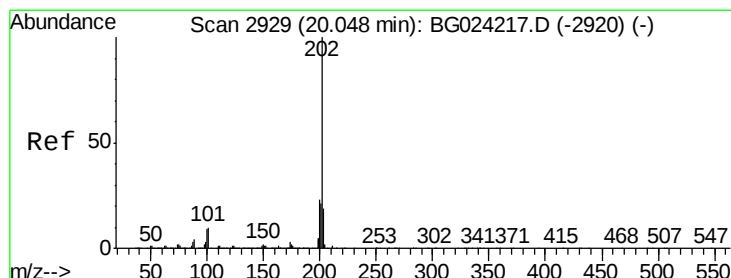
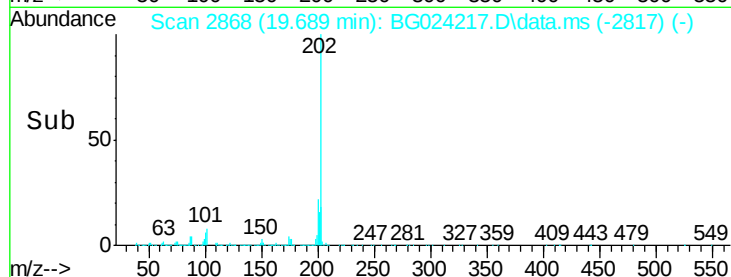
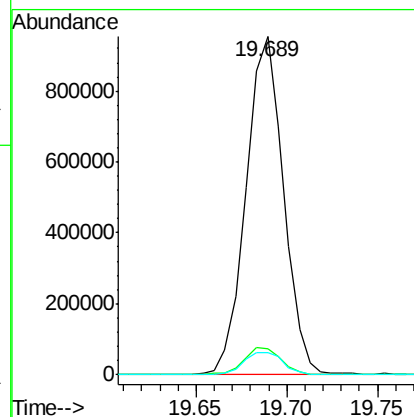
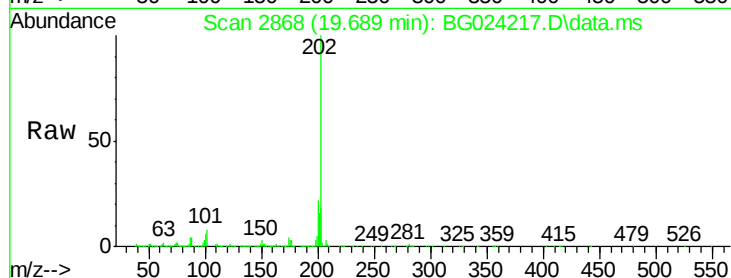
Tot Ion:202 Resp: 1362791

Ion Ratio Lower Upper

202 100

101 7.8 10.6 16.0#

100 6.3 8.7 13.1#



#77

Pyrene

Concen: 15832.48 ng/ul

RT: 20.048 min Scan# 2929

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

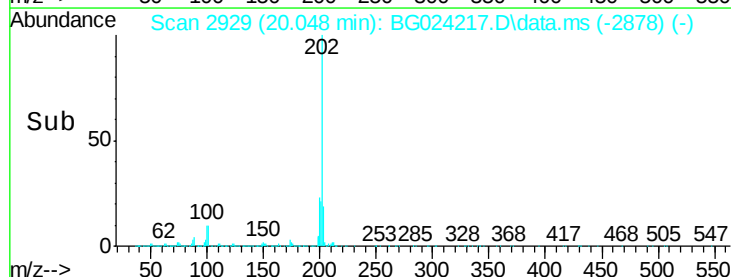
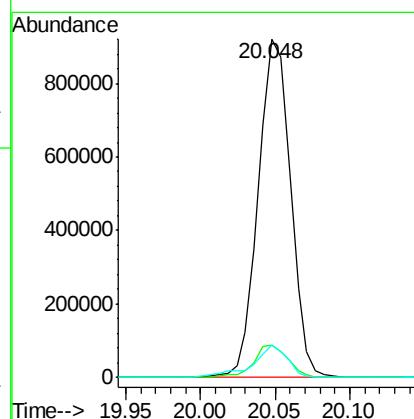
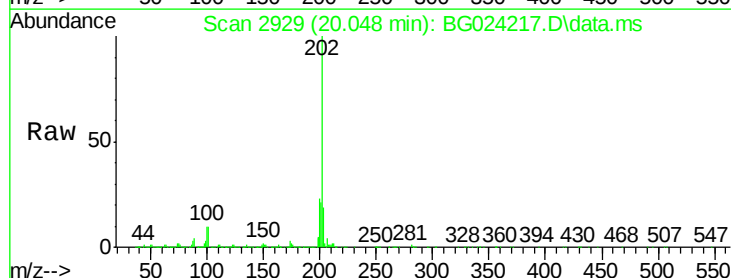
Tgt Ion:202 Resp: 1375849

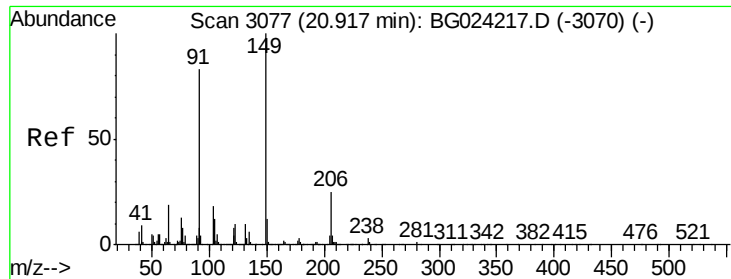
Ion Ratio Lower Upper

202 100

101 9.7 12.5 18.7#

100 9.6 10.2 15.4#





#78

Butylbenzylphthalate

Concen: 16.18 ng/ul

RT: 20.988 min Scan# 3077

Delta R.T. 0.071 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SSTD02008

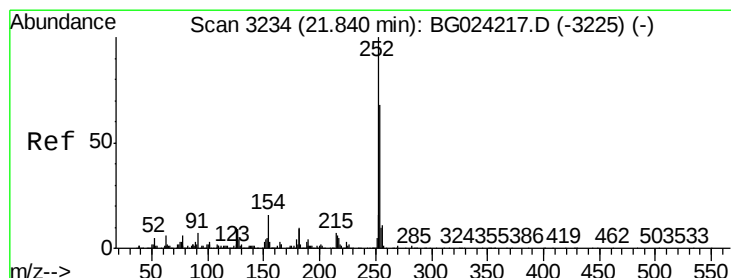
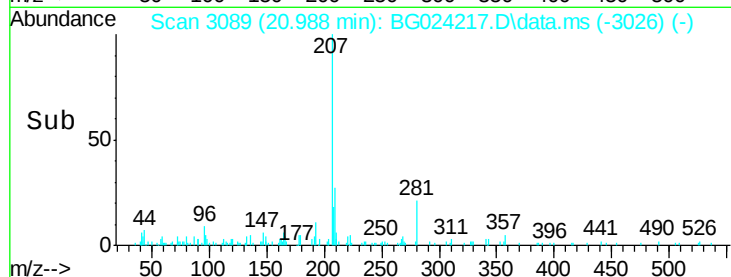
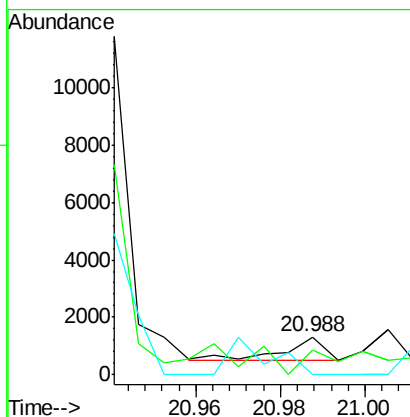
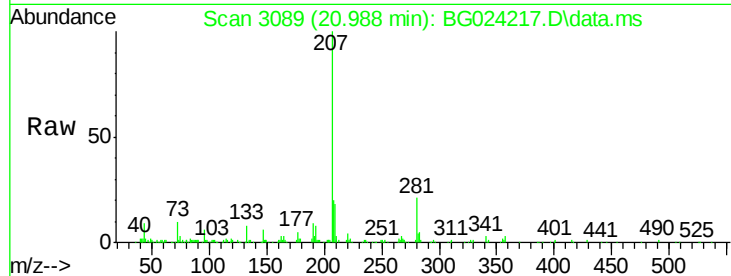
Tot Ion:149 Resp: 565

Ion Ratio Lower Upper

149 100

91 64.3 54.2 81.4

206 0.0 14.1 21.1#



#79

3,3'-Dichlorobenzidine

Concen: 16.80 ng/ul

RT: 21.951 min Scan# 3253

Delta R.T. 0.112 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

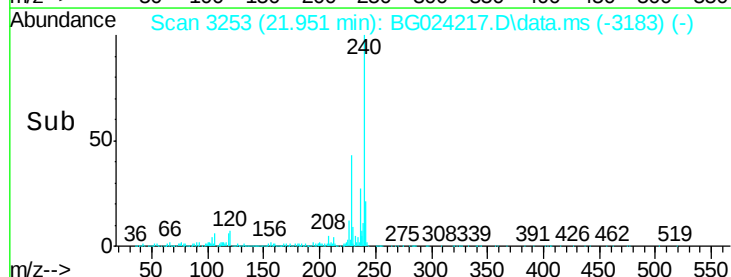
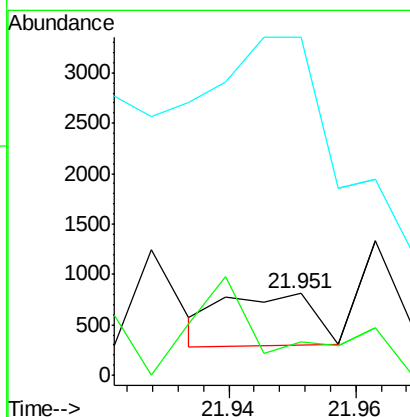
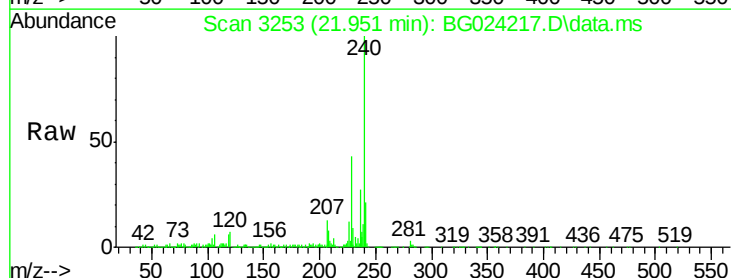
Tgt Ion:252 Resp: 509

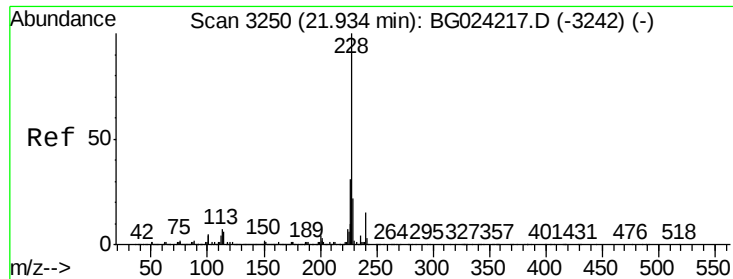
Ion Ratio Lower Upper

252 100

254 40.7 51.4 77.2#

126 414.3 10.7 16.1#





#80

Benzo(a)anthracene

Concen: 14759.61 ng/ul

RT: 22.004 min Scan# 32

Delta R.T. 0.070 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SSTD02008

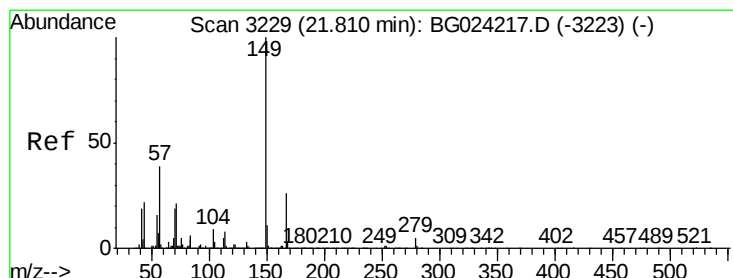
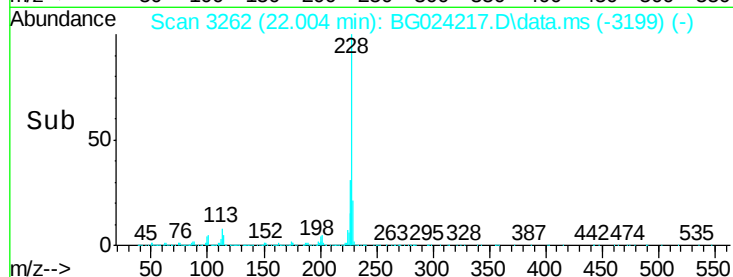
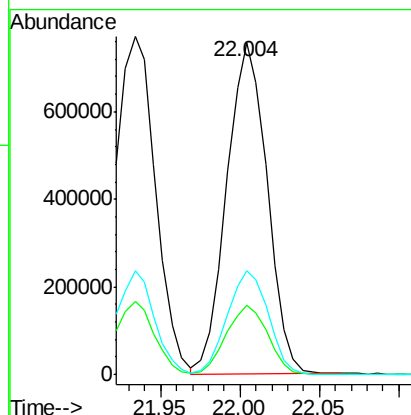
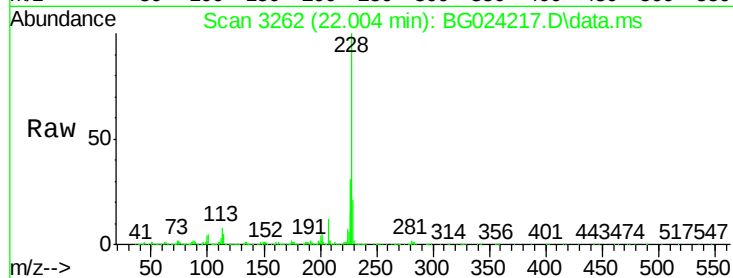
Tot Ion:228 Resp: 1332543

Ion Ratio Lower Upper

228 100

229 20.7 15.4 23.2

226 31.1 22.8 34.2



#81

Bis(2-ethylhexyl)phthalate

Concen: 32.42 ng/ul

RT: 21.904 min Scan# 3245

Delta R.T. 0.094 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

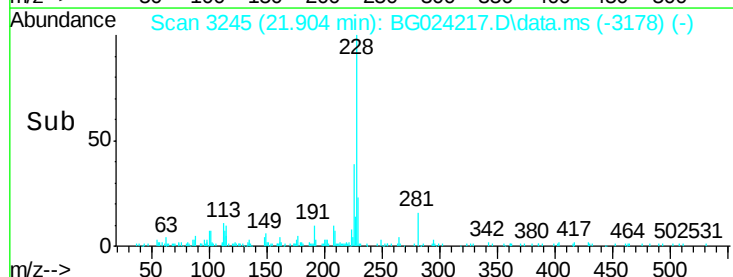
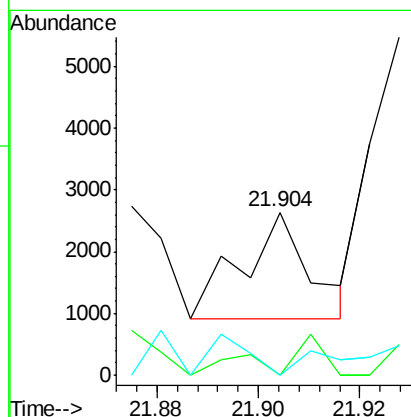
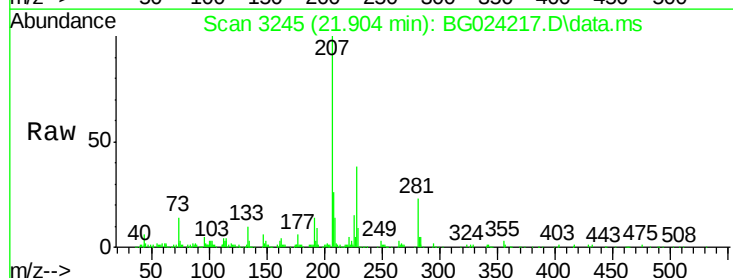
Tgt Ion:149 Resp: 1601

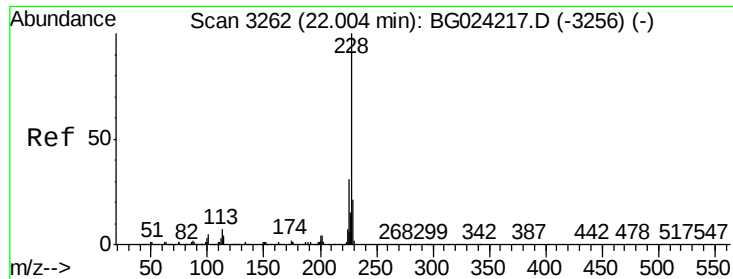
Ion Ratio Lower Upper

149 100

167 0.0 21.9 32.9#

279 0.0 2.9 4.3#





#82

Chrysene

Concen: 15504.32 ng/ul

RT: 22.004 min Scan# 32

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SSTD02008

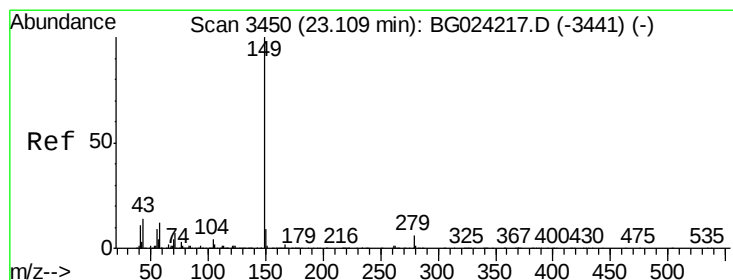
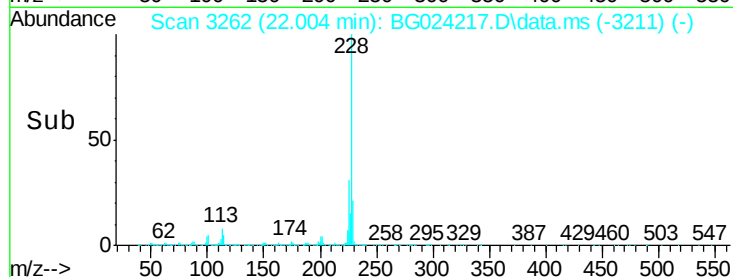
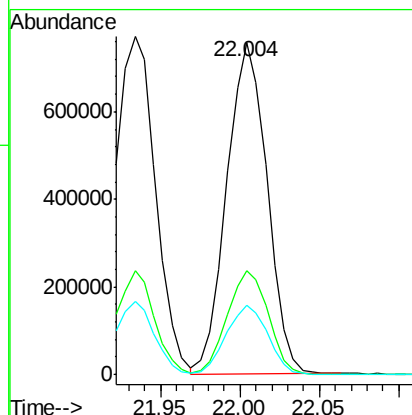
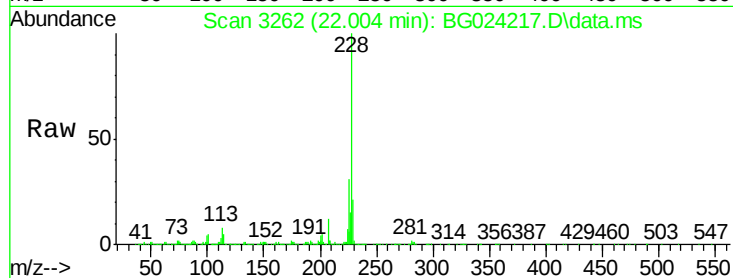
Tot Ion:228 Resp: 1332543

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.4

229 20.7 15.0 22.6



#84

Di-n-octyl phthalate

Concen: 23.25 ng/ul

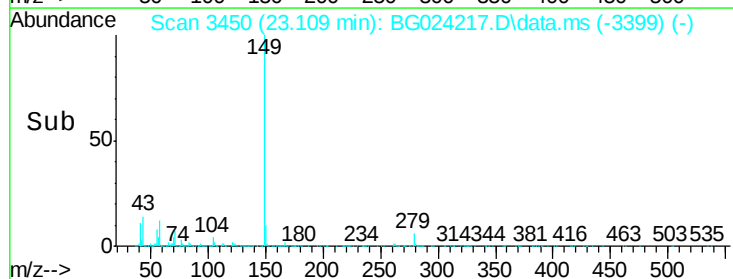
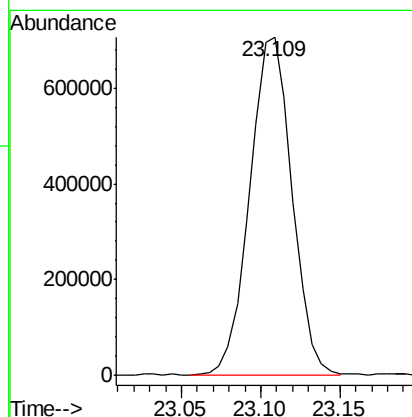
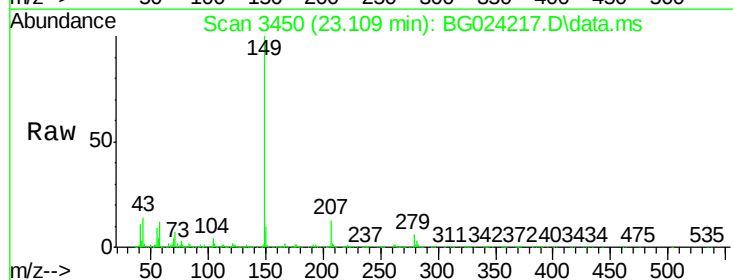
RT: 23.109 min Scan# 3450

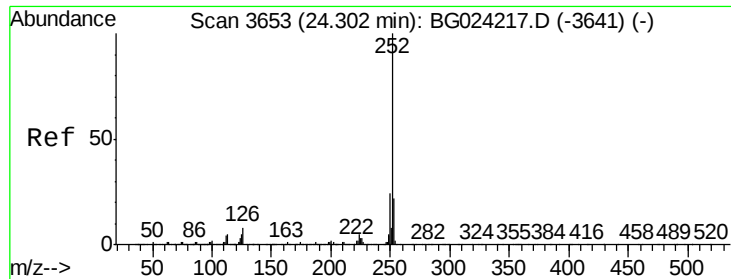
Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

Tgt Ion:149 Resp: 1300634





#85

Benzo(b)fluoranthene

Concen: 20.88 ng/ul

RT: 24.302 min Scan# 3653

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SSTD02008

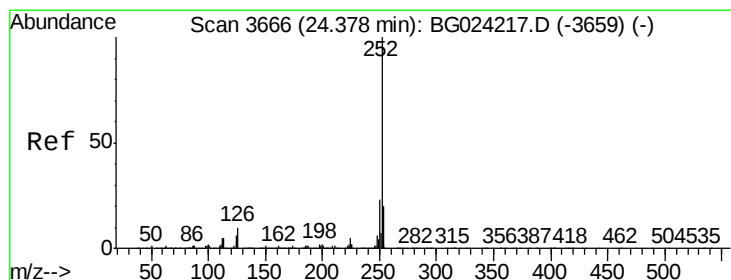
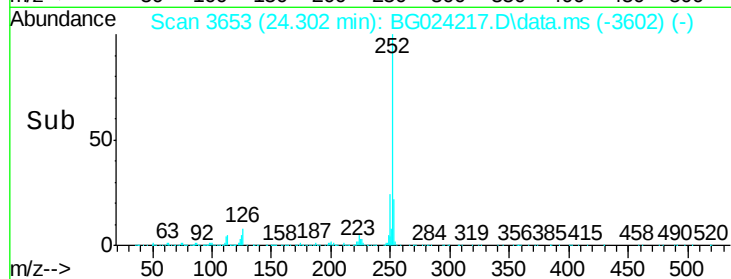
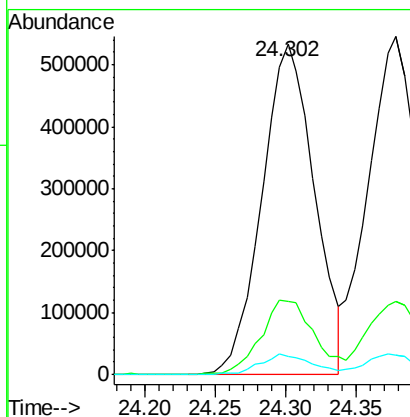
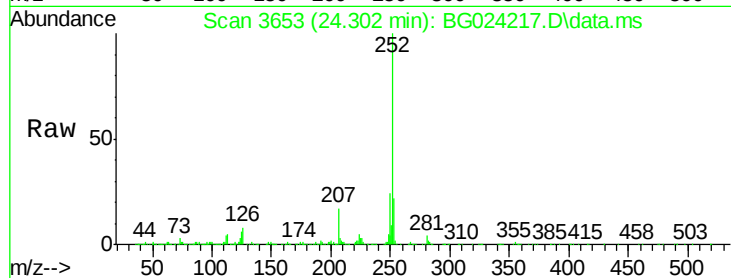
Tot Ion:252 Resp: 1382243

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

125 5.5 10.8 16.2#



#86

Benzo(k)fluoranthene

Concen: 21.29 ng/ul

RT: 24.378 min Scan# 3666

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

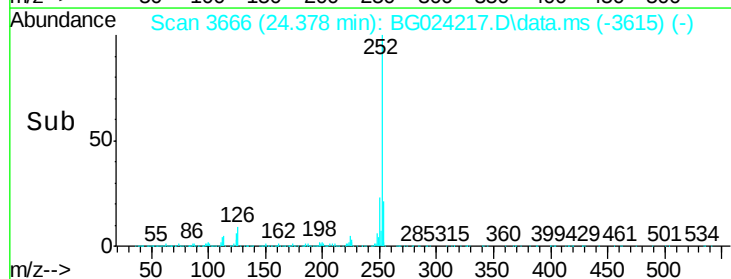
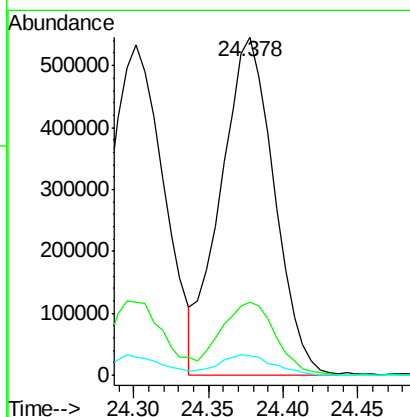
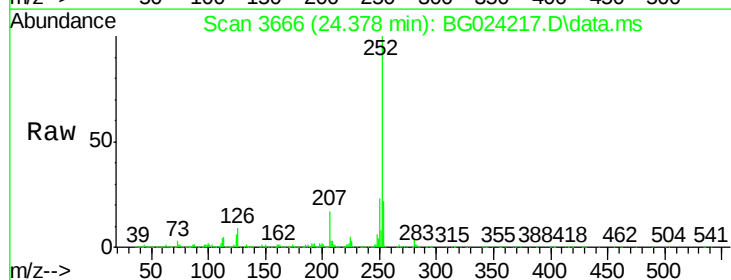
Tgt Ion:252 Resp: 1357030

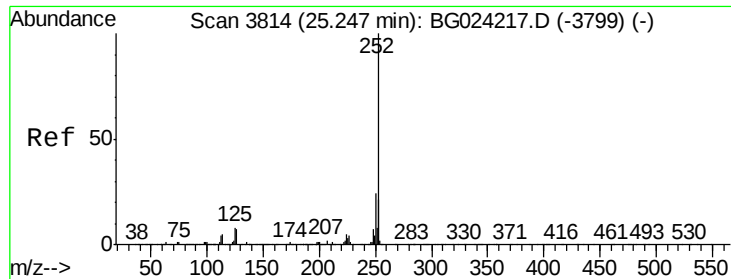
Ion Ratio Lower Upper

252 100

253 21.6 15.8 23.6

125 5.7 10.6 16.0#





#88

Benzo(a)pyrene

Concen: 21.54 ng/ul

RT: 25.247 min Scan# 3814

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SSTD02008

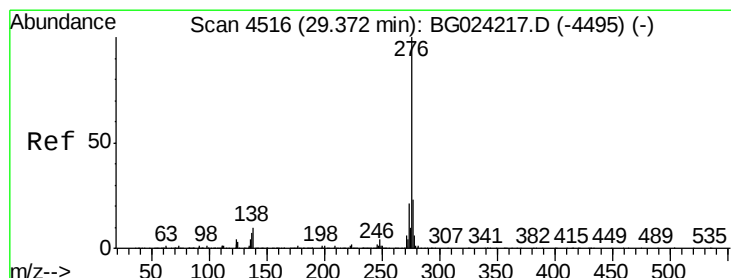
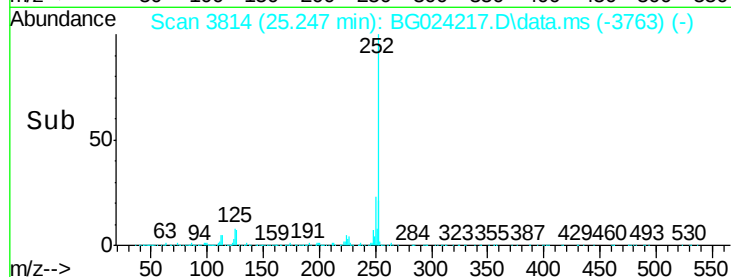
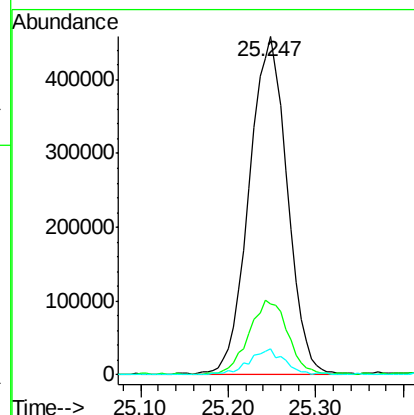
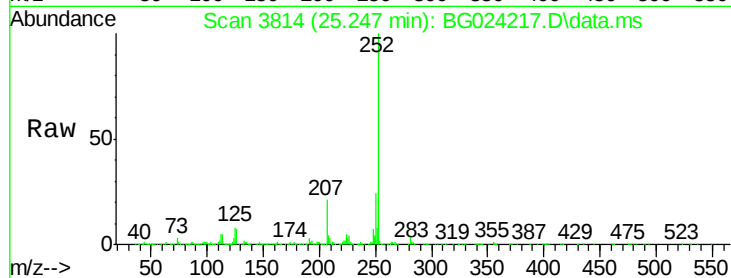
Tot Ion:252 Resp: 1357781

Ion Ratio Lower Upper

252 100

253 20.7 19.0 28.4

125 7.7 12.0 18.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 10.99 ng/ul

RT: 29.372 min Scan# 4516

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

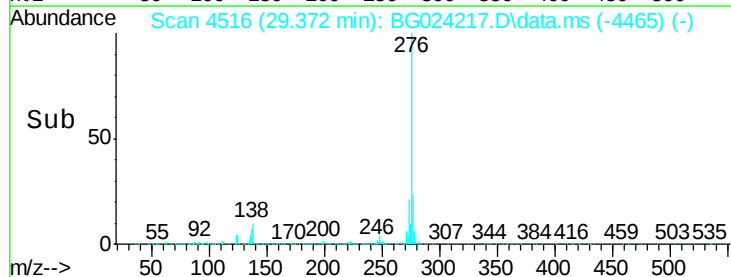
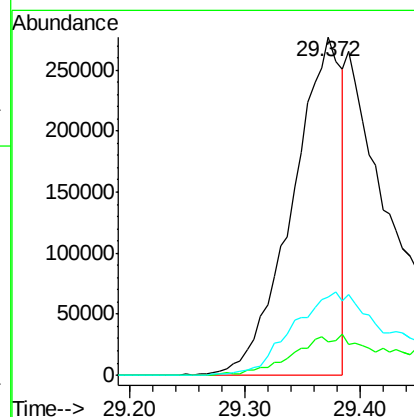
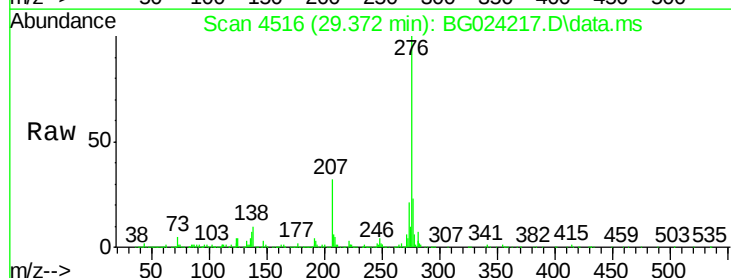
Tgt Ion:276 Resp: 820821

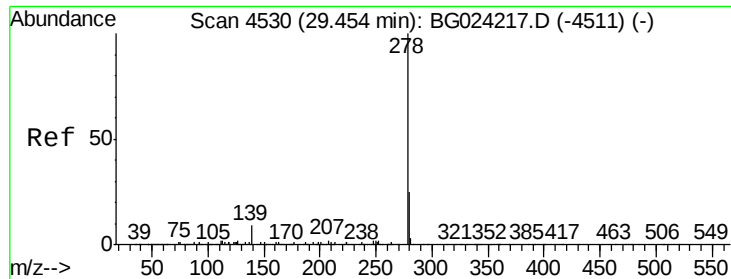
Ion Ratio Lower Upper

276 100

138 9.8 20.8 31.2#

277 23.1 17.6 26.4





#90

Dibenzo(a,h)anthracene

Concen: 21.27 ng/ul

RT: 29.454 min Scan# 4511

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

Instrument :

BNA_G

ClientSampleId :

SSTD02008

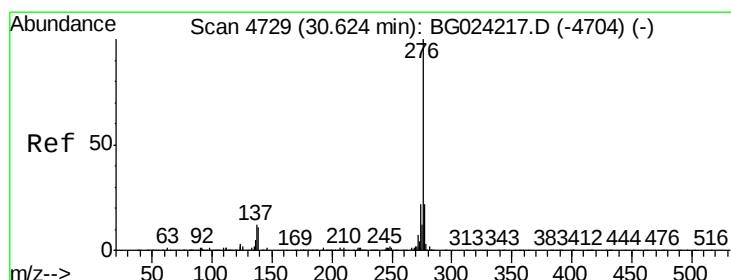
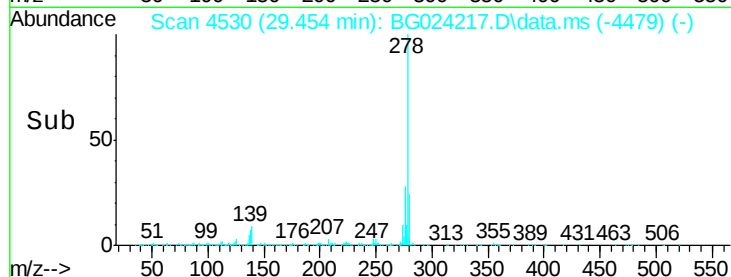
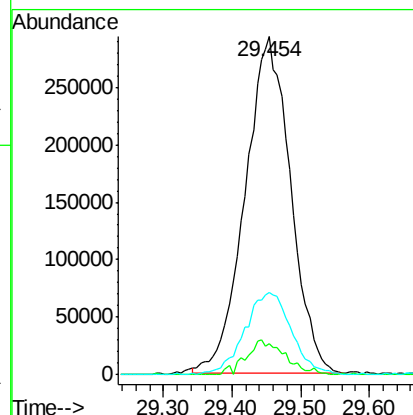
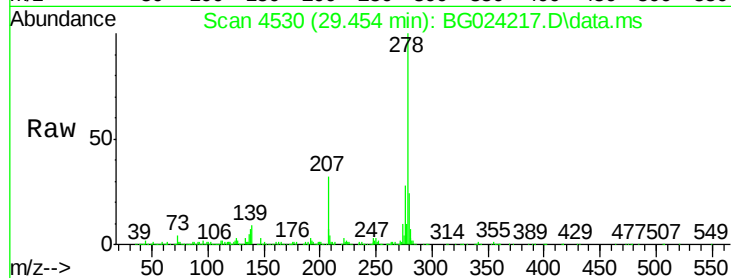
Tot Ion:278 Resp: 1343008

Ion Ratio Lower Upper

278 100

139 9.2 16.3 24.5#

279 24.4 19.1 28.7



#91

Benzo(g,h,i)perylene

Concen: 21.17 ng/ul

RT: 30.624 min Scan# 4729

Delta R.T. 0.000 min

Lab File: BG024217.D

Acq: 7 Oct 2016 2:42

Tgt Ion:276 Resp: 1329219

Ion Ratio Lower Upper

276 100

138 10.7 22.1 33.1#

277 21.9 17.0 25.4

