

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092816\
 Data File : BG024150.D
 Acq On : 28 Sep 2016 17:17
 Operator : UM/SJ
 Sample : PB93653BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93653BS

Quant Time: Sep 29 01:15:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	52202	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	239739	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	197626	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	441970	20.00	ng	0.00
75) Chrysene-d12	21.79	240	472278	20.00	ng	0.00
86) Perylene-d12	25.12	264	467411	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	299779	99.49	ng	0.00
7) Phenol-d6	7.21	99	453307	89.41	ng	0.00
23) Nitrobenzene-d5	9.22	82	509537	83.77	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	221353	77.92	ng	-0.01
44) 2-Fluorobiphenyl	13.32	172	1040929	88.54	ng	0.00
78) Terphenyl-d14	20.09	244	1669242	72.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	43098	37.37	ng	96
3) Pyridine	3.84	79	151715	37.22	ng	92
4) n-Nitrosodimethylamine	3.76	42	83385	40.36	ng	# 82
6) Aniline	7.36	93	236773	33.25	ng	94
8) 2-Chlorophenol	7.60	128	161684	44.83	ng	89
9) Benzaldehyde	7.17	77	120179	43.53	ng	90
10) Phenol	7.23	94	248773	46.67	ng	89
11) bis(2-Chloroethyl)ether	7.45	93	171465	40.79	ng	87
12) 1,3-Dichlorobenzene	7.92	146	168126	41.80	ng	95
13) 1,4-Dichlorobenzene	8.07	146	173753	42.33	ng	97
14) 1,2-Dichlorobenzene	8.39	146	169825	42.51	ng	92
15) Benzyl Alcohol	8.29	79	202033	41.17	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.56	45	237733	40.96	ng	95
17) 2-Methylphenol	8.49	107	167139	47.17	ng	92
18) Hexachloroethane	9.12	117	72049	41.66	ng	93
19) n-Nitroso-di-n-propylamine	8.85	70	186437	37.44	ng	98
20) 3+4-Methylphenols	8.83	107	226549	44.02	ng	98
22) Acetophenone	8.87	105	299853	43.35	ng	# 97
24) Nitrobenzene	9.26	77	282508	43.33	ng	98
25) Isophorone	9.78	82	496707	40.03	ng	96
26) 2-Nitrophenol	9.97	139	100554	43.48	ng	# 87
27) 2,4-Dimethylphenol	10.04	122	179470	46.41	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	262646	43.54	ng	97
29) 2,4-Dichlorophenol	10.53	162	201440	50.05	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	187536	43.53	ng	95
31) Naphthalene	10.91	128	543654	44.77	ng	99
32) Benzoic acid	10.22	122	89096	31.46	ng	99
33) 4-Chloroaniline	11.05	127	104723	19.32	ng	91
34) Hexachlorobutadiene	11.18	225	140661	41.47	ng	95
35) Caprolactam	11.83	113	72211m	44.11	ng	
36) 4-Chloro-3-methylphenol	12.18	107	250354	44.20	ng	99
37) 2-Methylnaphthalene	12.53	142	426977	45.91	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	242190	41.98	ng	98
40) Hexachlorocyclopentadiene	12.86	237	235626	83.96	ng	93

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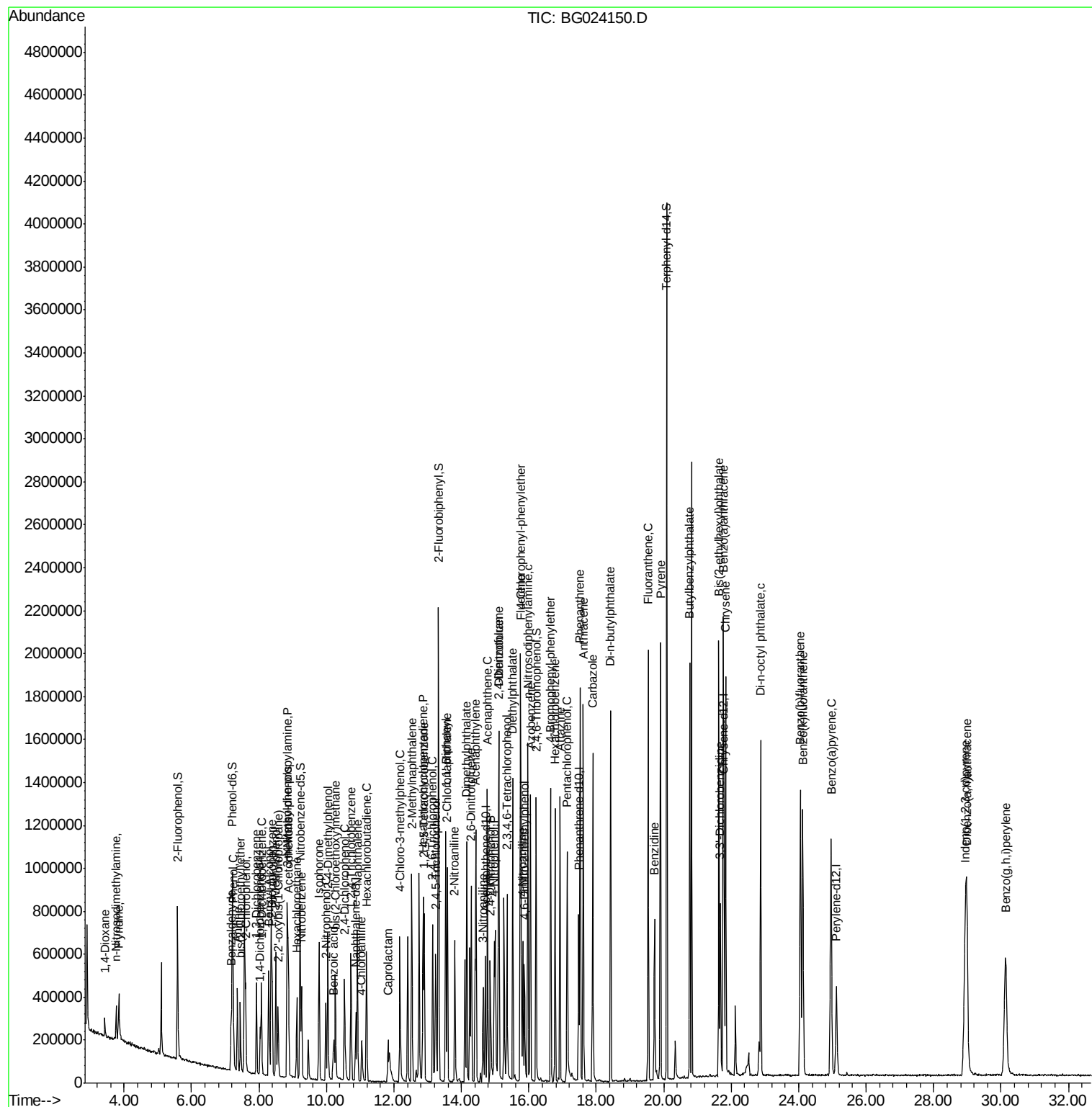
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	169276	45.36	nq	96
43) 2,4,5-Trichlorophenol	13.24	196	171501	44.67	nq	95
45) 1,1'-Biphenyl	13.53	154	597587	44.22	nq	97
46) 2-Chloronaphthalene	13.58	162	467223	46.31	nq	98
47) 2-Nitroaniline	13.80	65	212798	45.32	nq	96
48) Acenaphthylene	14.43	152	762526	44.51	nq	99
49) Dimethylphthalate	14.16	163	681670	44.96	nq	99
50) 2,6-Dinitrotoluene	14.29	165	151226	47.48	nq	94
51) Acenaphthene	14.77	154	478743	46.08	nq	95
52) 3-Nitroaniline	14.64	138	95440	30.01	nq	99
53) 2,4-Dinitrophenol	14.86	184	144072	65.67	nq	95
54) Dibenzofuran	15.11	168	777050	48.04	nq	99
55) 4-Nitrophenol	14.97	139	182463	72.76	nq	94
56) 2,4-Dinitrotoluene	15.10	165	216872	44.75	nq	88
57) Fluorene	15.77	166	637388	45.27	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.35	232	176091	47.49	nq	92
59) Diethylphthalate	15.52	149	719342	44.06	nq	98
60) 4-Chlorophenyl-phenylether	15.75	204	335893	44.53	nq	96
61) 4-Nitroaniline	15.81	138	131014	39.77	nq	88
62) Azobenzene	16.04	77	822792	49.60	nq	90
64) 4,6-Dinitro-2-methylphenol	15.87	198	127228	41.45	nq	89
65) n-Nitrosodiphenylamine	15.97	169	580888	48.05	nq	92
66) 4-Bromophenyl-phenylether	16.65	248	237831	46.39	nq	95
67) Hexachlorobenzene	16.78	284	239216	41.41	nq	95
68) Atrazine	16.92	200	244875	45.88	nq	95
69) Pentachlorophenol	17.14	266	206064	69.33	nq	96
70) Phenanthrene	17.52	178	1091894	48.50	nq	99
71) Anthracene	17.61	178	1104038	47.74	nq	98
72) Carbazole	17.89	167	984020	45.71	nq	98
73) Di-n-butylphthalate	18.42	149	1189313	42.21	nq	97
74) Fluoranthene	19.54	202	1289329	43.87	nq	96
76) Benzidine	19.73	184	489857	36.64	nq	98
77) Pyrene	19.90	202	1265618	38.38	nq	95
79) Butylbenzylphthalate	20.77	149	535589	44.10	nq	97
80) Benzo(a)anthracene	21.76	228	1252522	46.59	nq	94
81) 3,3'-Dichlorobenzidine	21.68	252	292522	30.36	nq	# 99
82) Chrysene	21.84	228	1174283	46.47	nq	# 99
83) Bis(2-ethylhexyl)phthalate	21.64	149	756096	52.11	nq	# 95
84) Di-n-octyl phthalate	22.87	149	1302729	52.04	nq	# 98
85) Indeno(1,2,3-cd)pyrene	28.94	276	1475202	52.35	nq	# 100
87) Benzo(b)fluoranthene	24.05	252	1277314	46.97	nq	# 98
88) Benzo(k)fluoranthene	24.12	252	1254395	46.45	nq	# 98
89) Benzo(a)pyrene	24.96	252	1246299	47.41	nq	# 99
90) Dibenzo(a,h)anthracene	28.99	278	1212786	46.20	nq	# 94
91) Benzo(g,h,i)perylene	30.13	276	1188145	44.93	nq	# 95

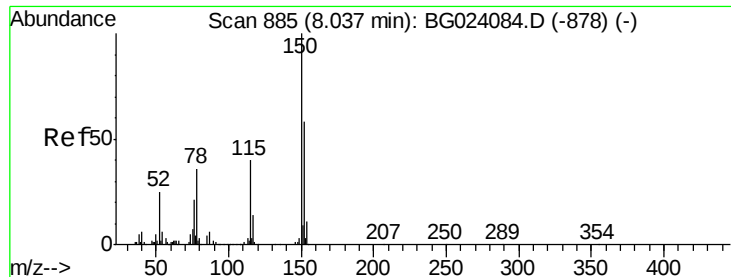
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampleId :

PB93653BS

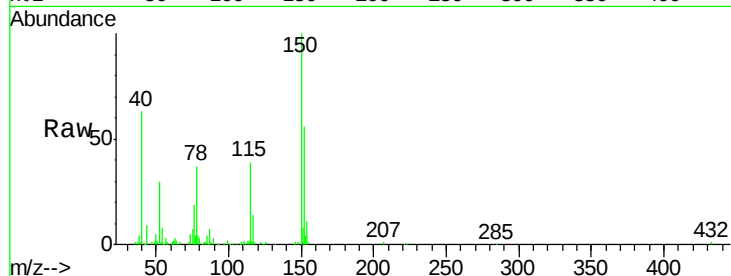
Tot Ion:152 Resp: 52202

Ion Ratio Lower Upper

152 100

150 177.2 144.7 217.1

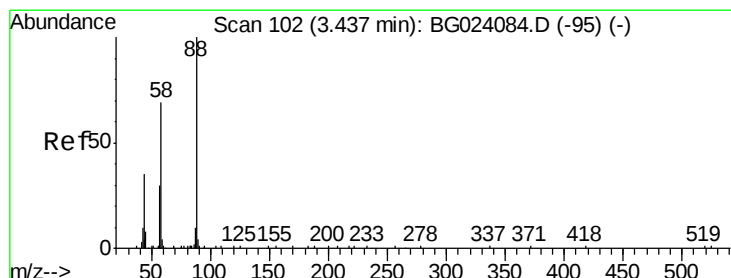
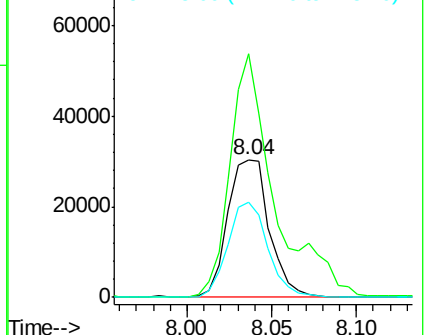
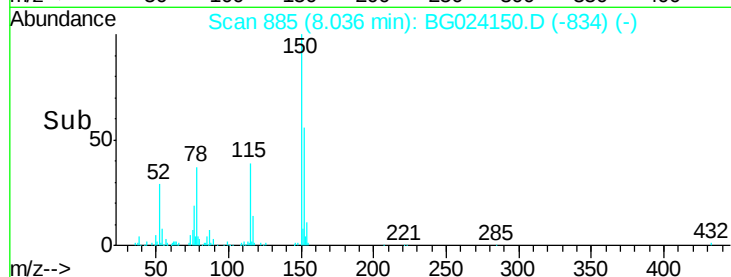
115 69.7 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.37 ng

RT: 3.43 min Scan# 101

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

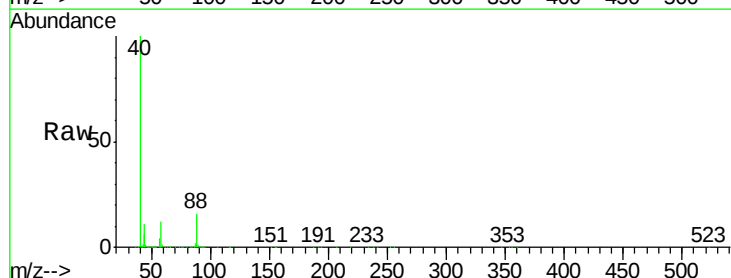
Tgt Ion: 88 Resp: 43098

Ion Ratio Lower Upper

88 100

58 79.1 60.4 90.6

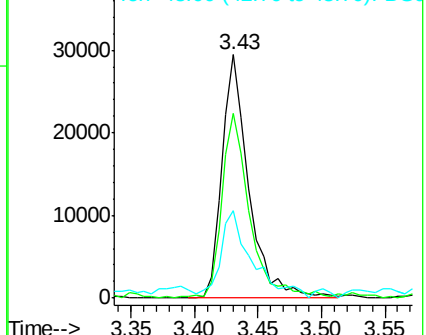
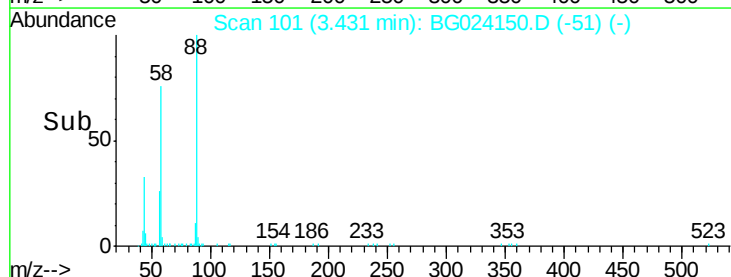
43 41.9 31.1 46.7

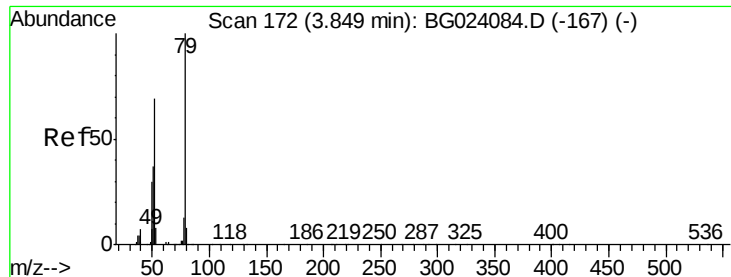


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.22 ng

RT: 3.84 min Scan# 171

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

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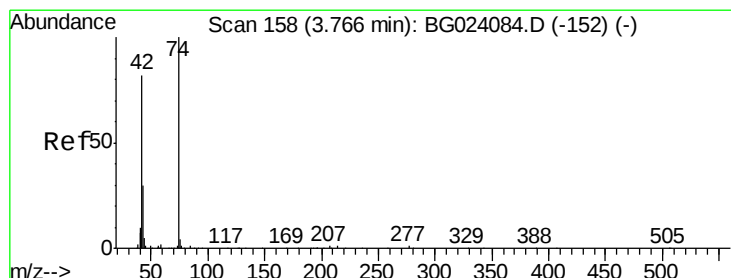
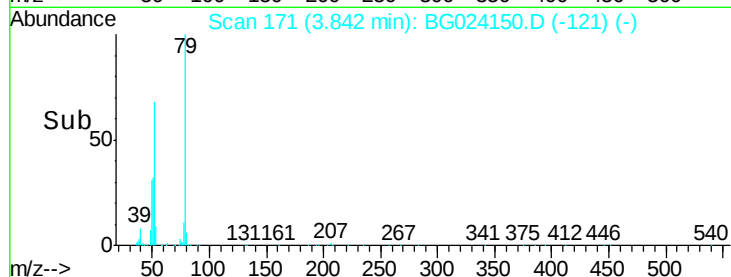
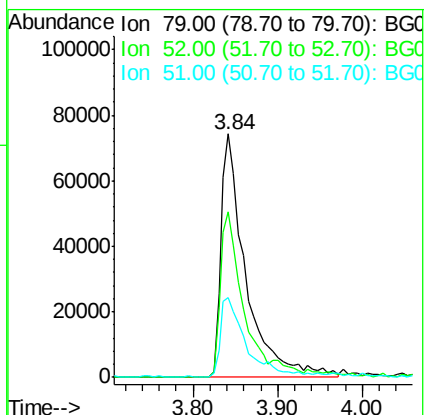
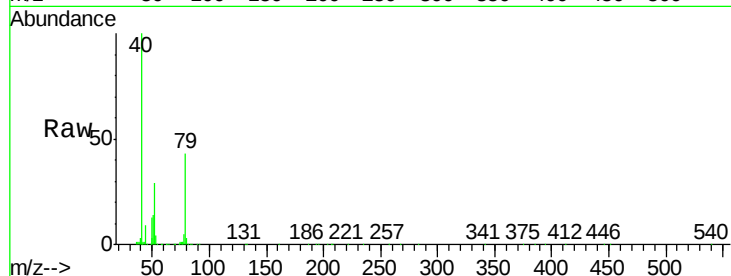
Tot Ion: 79 Resp: 151715

Ion Ratio Lower Upper

79 100

52 68.1 51.8 77.8

51 32.8 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 40.36 ng

RT: 3.76 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

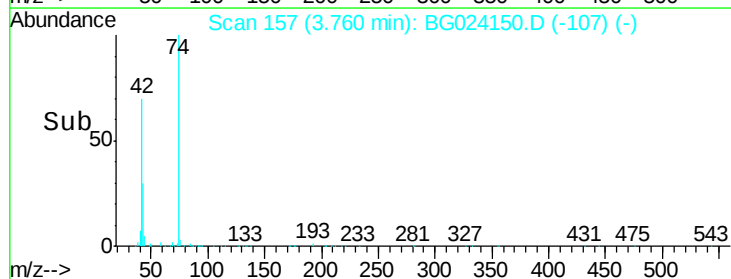
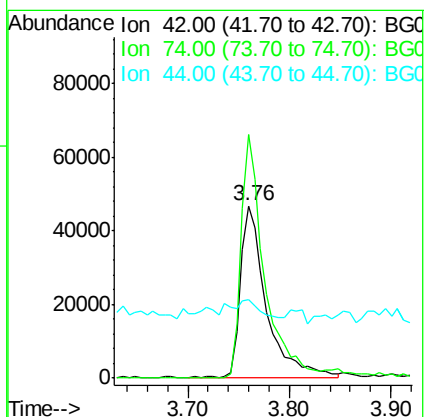
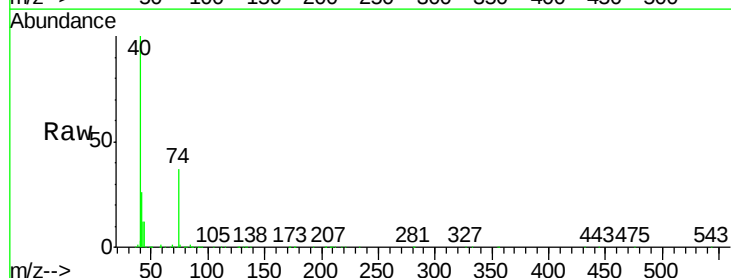
Tgt Ion: 42 Resp: 83385

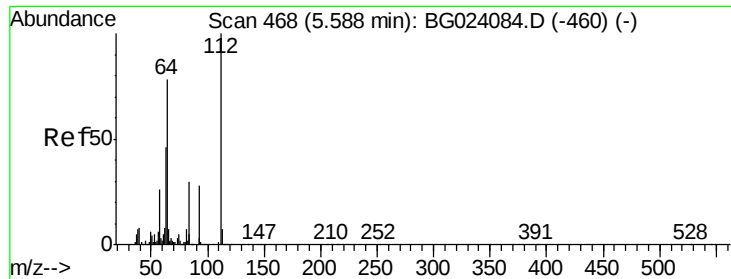
Ion Ratio Lower Upper

42 100

74 141.4 100.6 150.8

44 45.2 4.5 6.7#





#5

2-Fluorophenol

Concen: 99.49 ng

RT: 5.59 min Scan# 468

Delta R.T. -0.00 min

Lab File: BG024150.D

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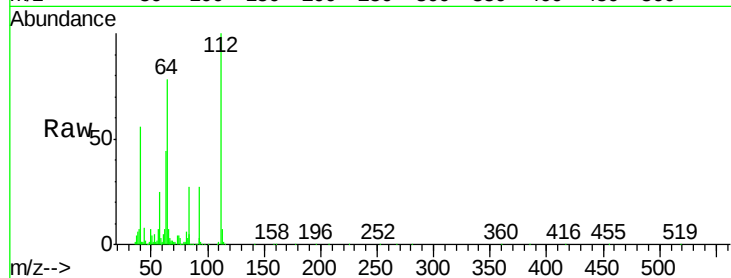
Tot Ion:112 Resp: 299779

Ion Ratio Lower Upper

112 100

64 78.4 59.0 88.4

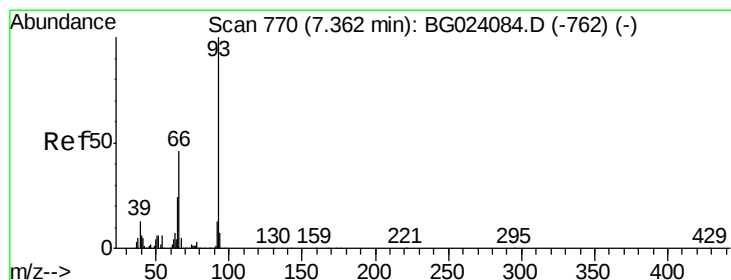
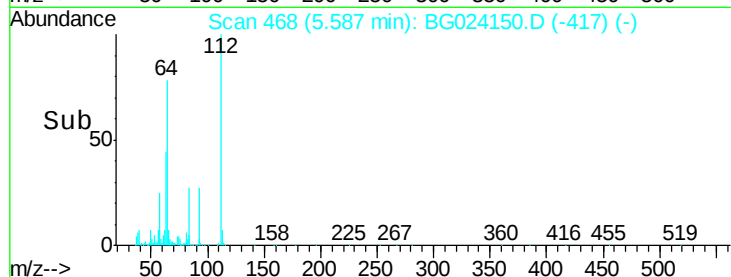
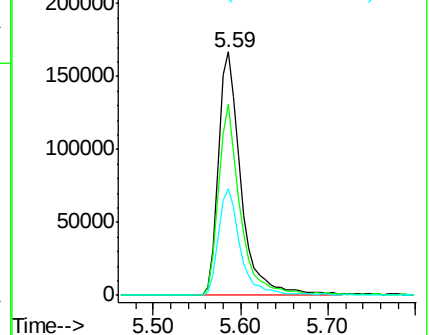
63 44.0 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.25 ng

RT: 7.36 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

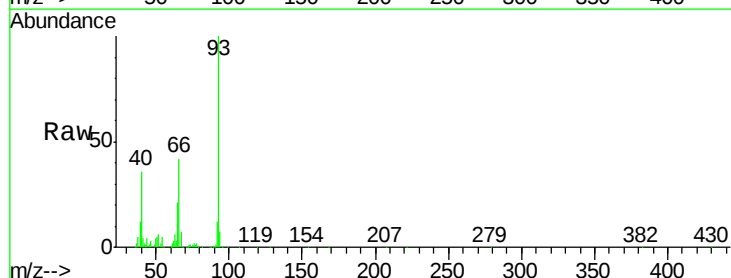
Tgt Ion: 93 Resp: 236773

Ion Ratio Lower Upper

93 100

66 42.0 37.5 56.3

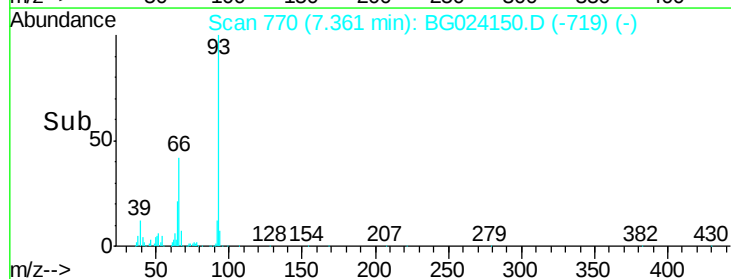
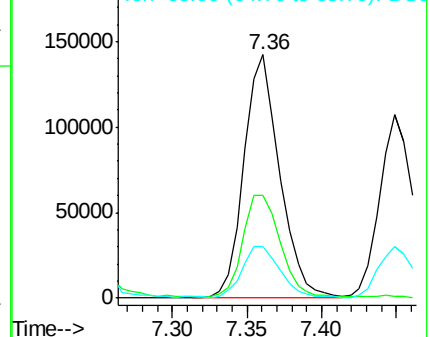
65 21.3 17.9 26.9

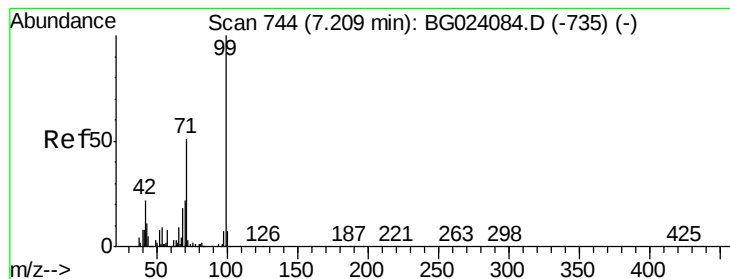


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 89.41 ng

RT: 7.21 min Scan# 744

Delta R.T. -0.00 min

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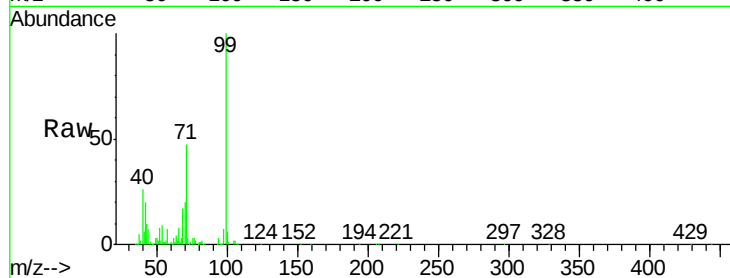
Tot Ion: 99 Resp: 453307

Ion Ratio Lower Upper

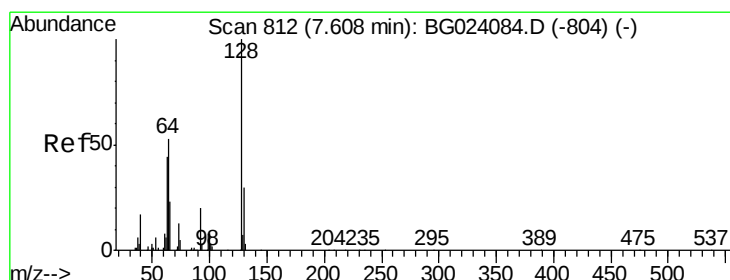
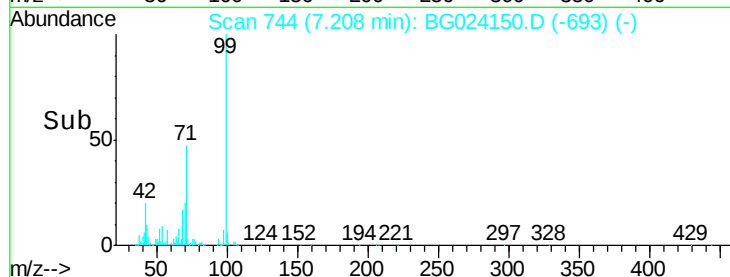
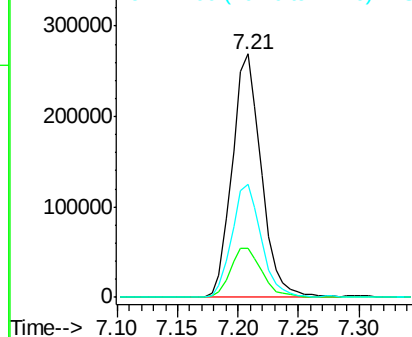
99 100

42 20.4 17.8 26.6

71 46.6 41.5 62.3



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



#8

2-Chlorophenol

Concen: 44.83 ng

RT: 7.60 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

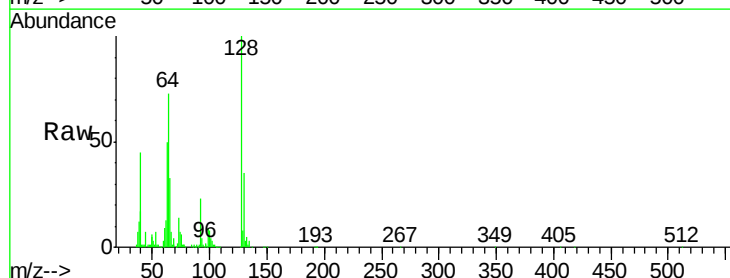
Tgt Ion: 128 Resp: 161684

Ion Ratio Lower Upper

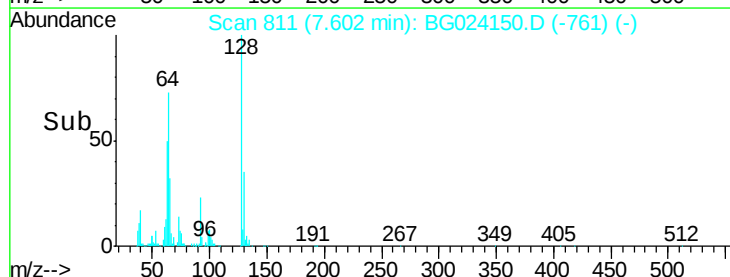
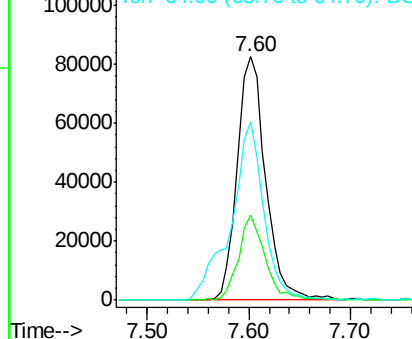
128 100

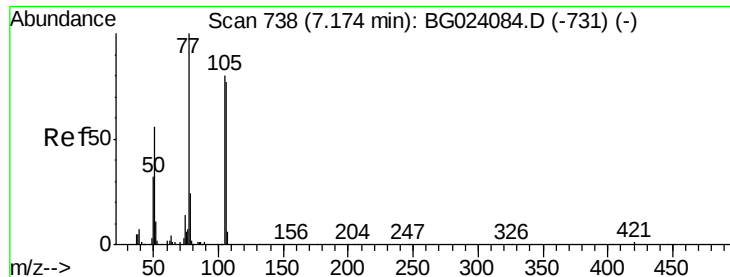
130 34.8 12.9 52.9

64 73.3 42.0 82.0



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





#9

Benzaldehyde

Concen: 43.53 ng

RT: 7.17 min Scan# 738

Delta R.T. -0.00 min

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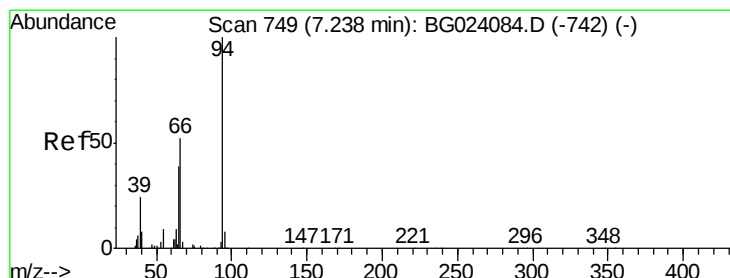
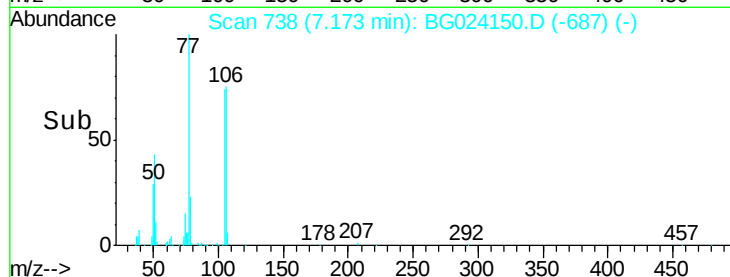
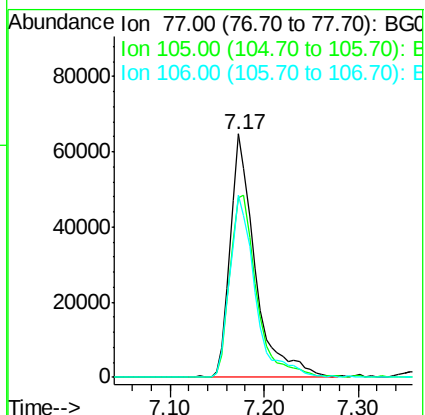
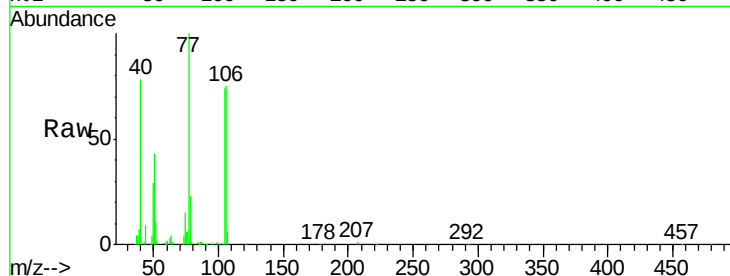
Tot Ion: 77 Resp: 120179

Ion Ratio Lower Upper

77 100

105 74.0 58.7 98.7

106 74.8 67.5 107.5



#10

Phenol

Concen: 46.67 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

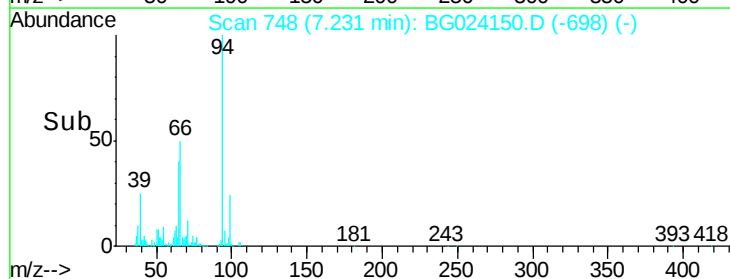
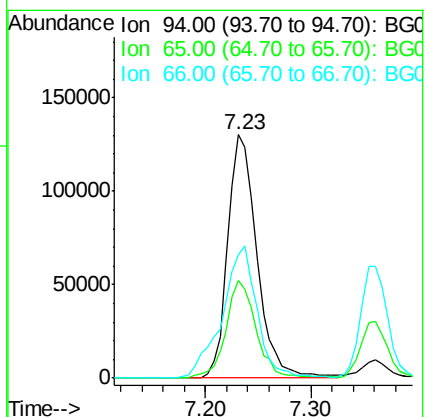
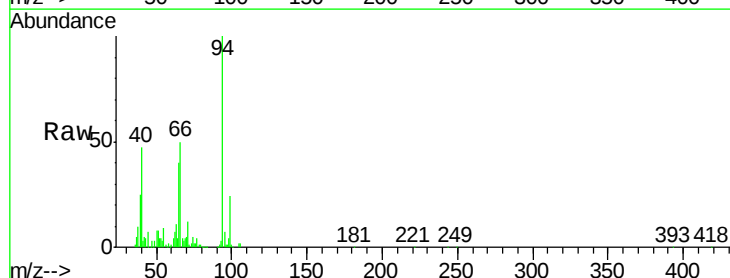
Tgt Ion: 94 Resp: 248773

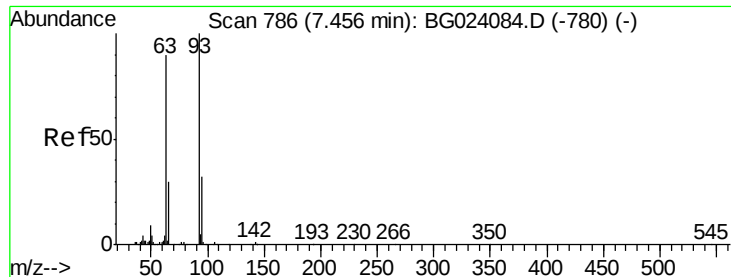
Ion Ratio Lower Upper

94 100

65 40.2 18.1 58.1

66 50.5 42.1 82.1

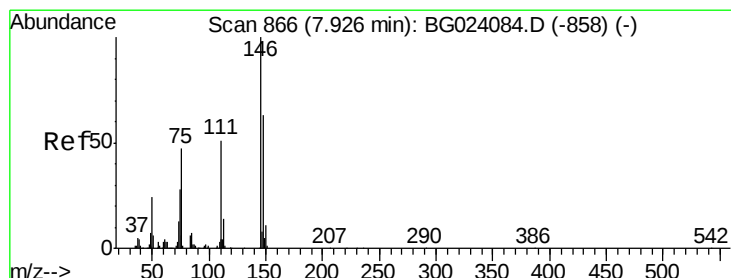
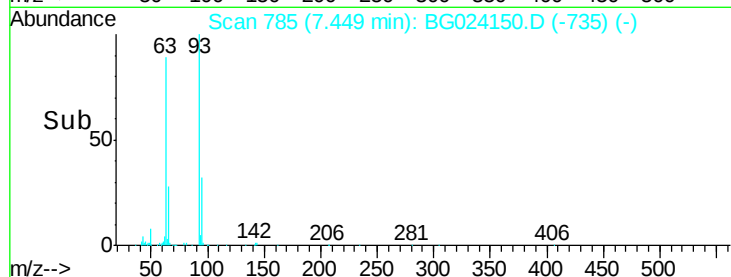
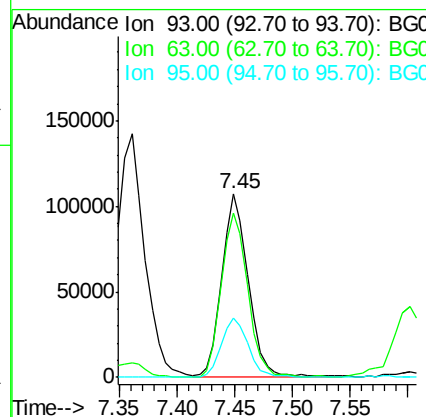
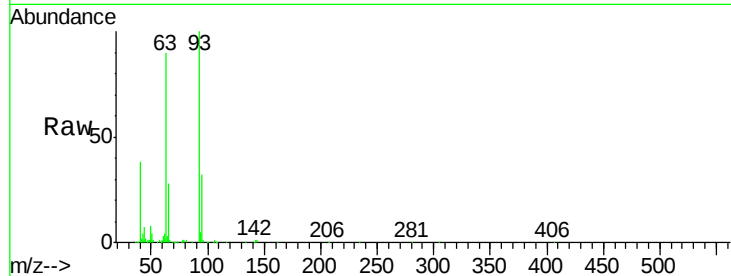




#11
bis(2-Chloroethyl)ether
Concen: 40.79 ng
RT: 7.45 min Scan# 785
Delta R.T. -0.01 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

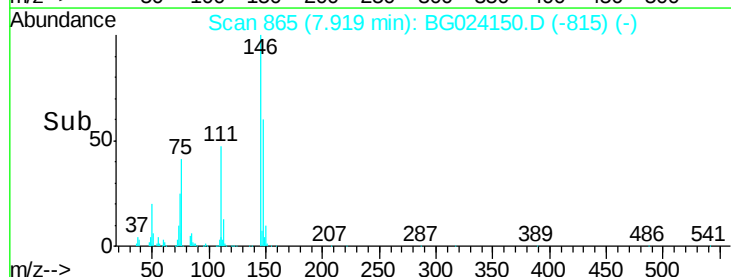
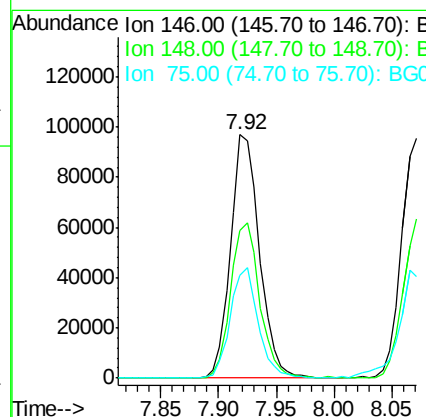
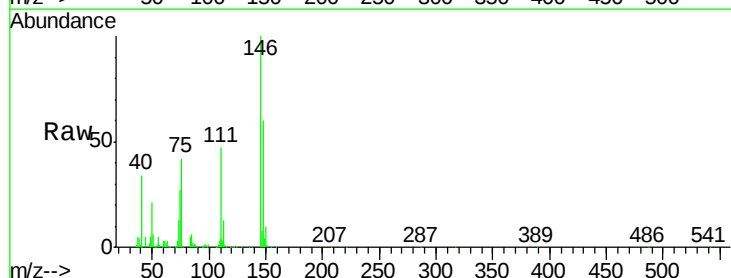
Instrument :
BNA_G
ClientSampleId :
PB93653BS

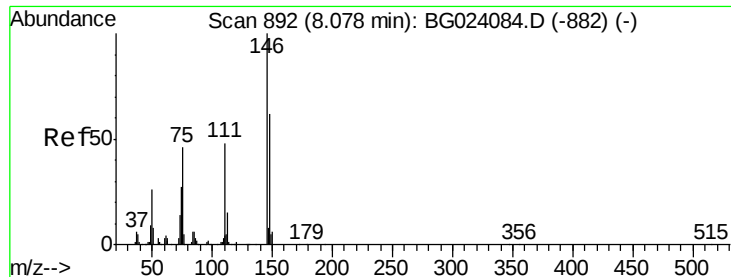
Tot Ion	93	Resp	171465
Ion	Ratio	Lower	Upper
93	100		
63	89.6	55.0	95.0
95	32.0	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 41.80 ng
RT: 7.92 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

Tgt Ion	146	Resp	168126
Ion	Ratio	Lower	Upper
146	100		
148	60.4	50.3	75.5
75	42.1	37.0	55.6

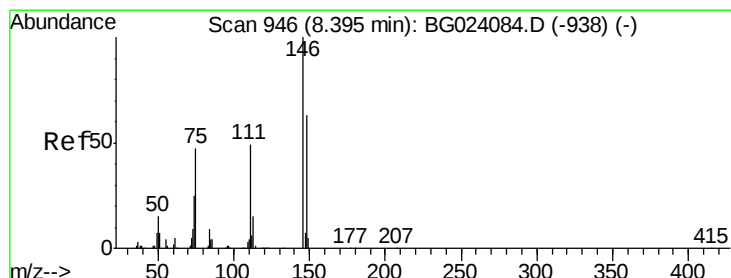
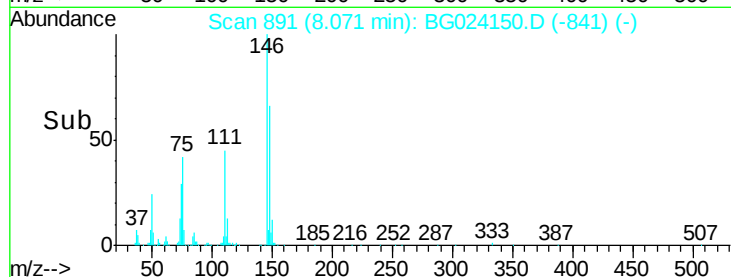
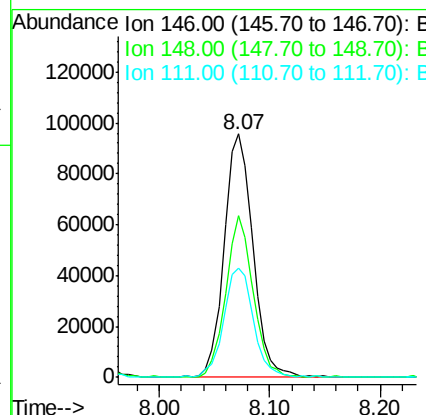
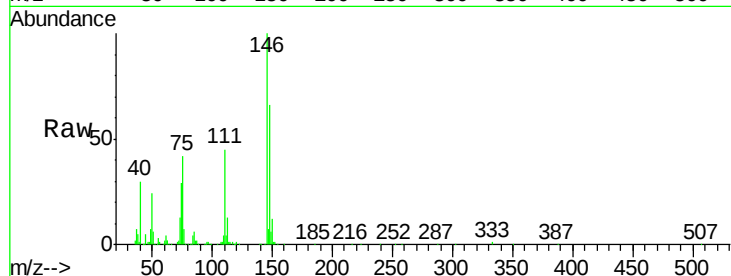




#13
 1,4-Dichlorobenzene
 Concen: 42.33 ng
 RT: 8.07 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

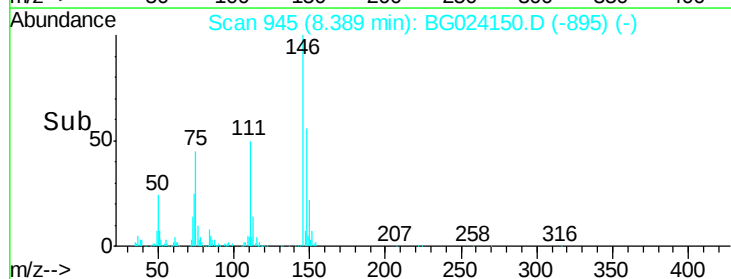
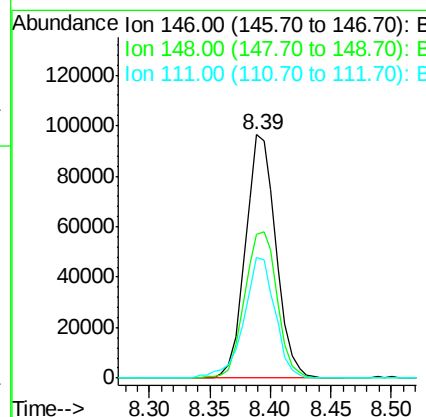
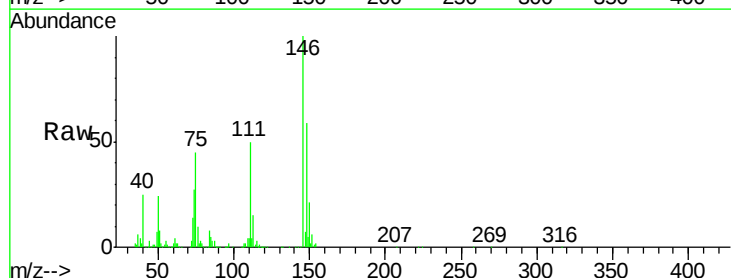
Instrument :
 BNA_G
 ClientSampleID :
 PB93653BS

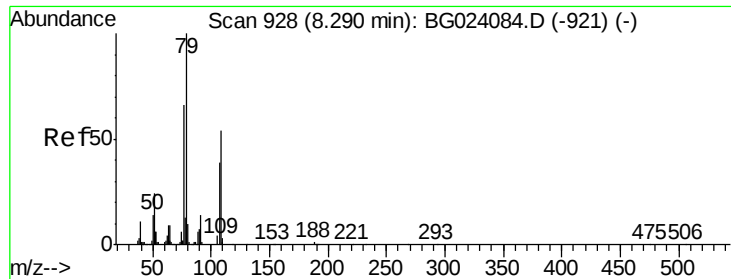
Tot Ion:146 Resp: 173753
 Ion Ratio Lower Upper
 146 100
 148 66.2 54.5 81.7
 111 45.0 37.8 56.8



#14
 1,2-Dichlorobenzene
 Concen: 42.51 ng
 RT: 8.39 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

Tgt Ion:146 Resp: 169825
 Ion Ratio Lower Upper
 146 100
 148 59.3 52.9 79.3
 111 49.7 43.5 65.3





#15

Benzyl Alcohol

Concen: 41.17 ng

RT: 8.29 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampled :

PB93653BS

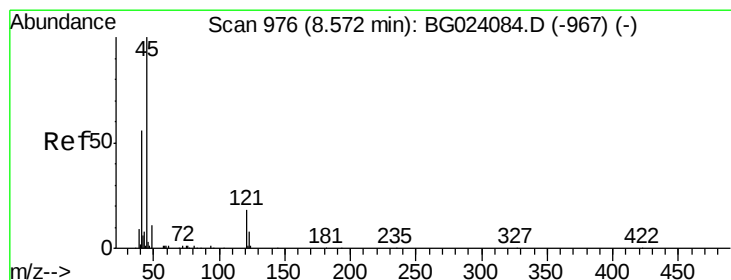
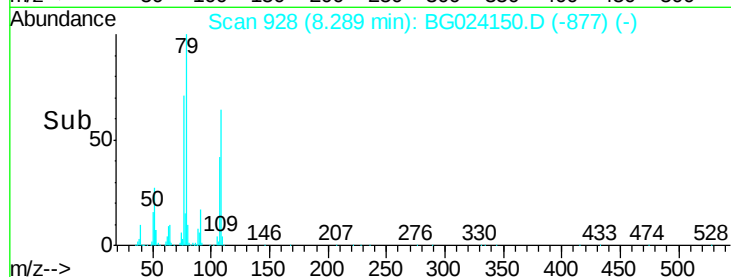
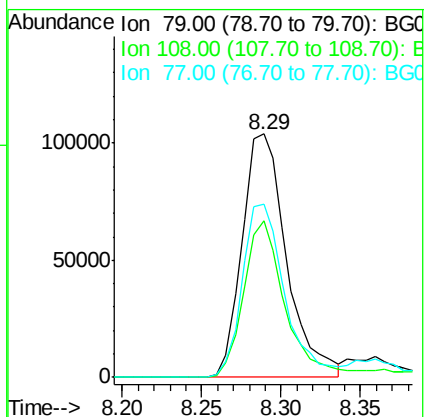
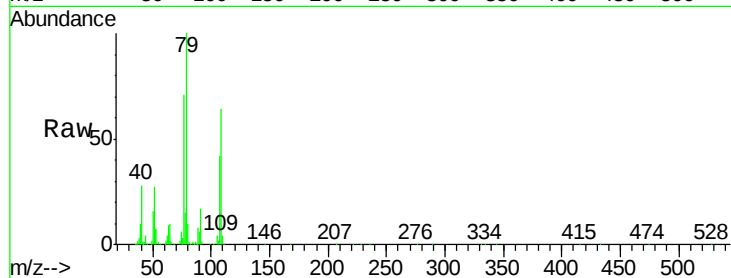
Tot Ion: 79 Resp: 202033

Ion Ratio Lower Upper

79 100

108 64.4 46.5 69.7

77 71.0 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.96 ng

RT: 8.56 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

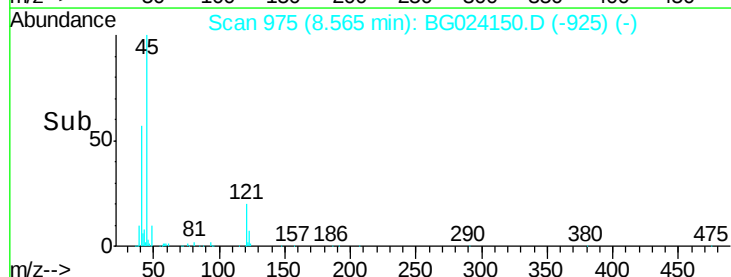
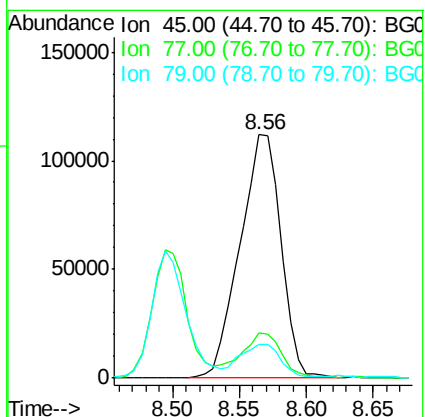
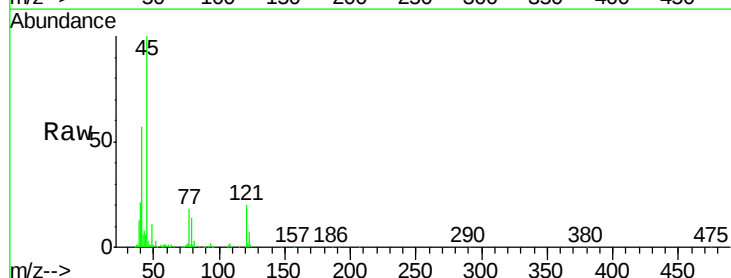
Tgt Ion: 45 Resp: 237733

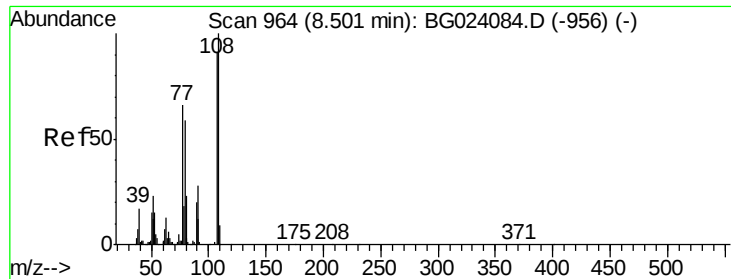
Ion Ratio Lower Upper

45 100

77 18.5 0.6 40.6

79 14.0 0.0 36.2





#17

2-Methylphenol

Concen: 47.17 ng

RT: 8.49 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampleID :

PB93653BS

Tot Ion:107 Resp: 167139

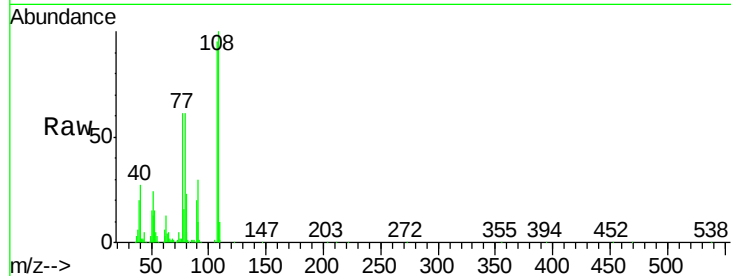
Ion Ratio Lower Upper

107 100

108 104.8 92.0 138.0

77 64.3 55.8 83.6

79 63.6 55.0 82.6

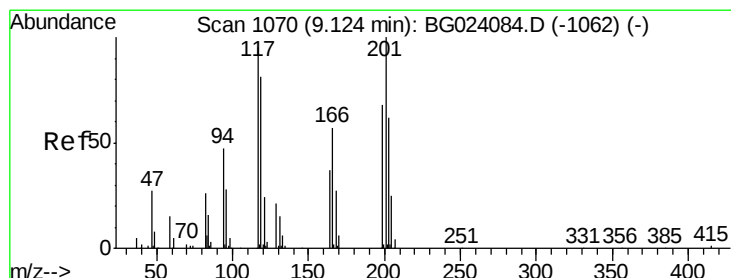
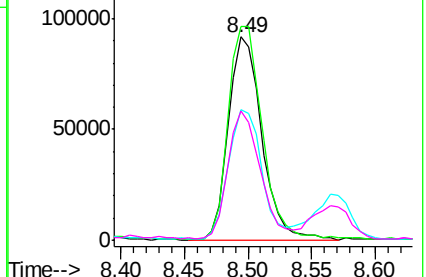
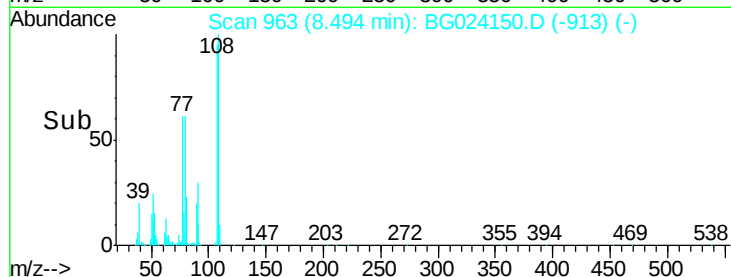


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.66 ng

RT: 9.12 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

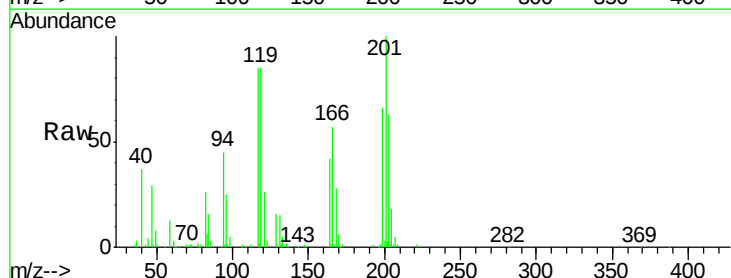
Tgt Ion:117 Resp: 72049

Ion Ratio Lower Upper

117 100

119 100.5 73.7 110.5

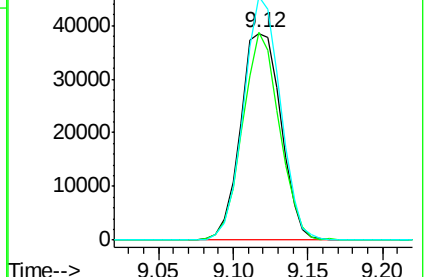
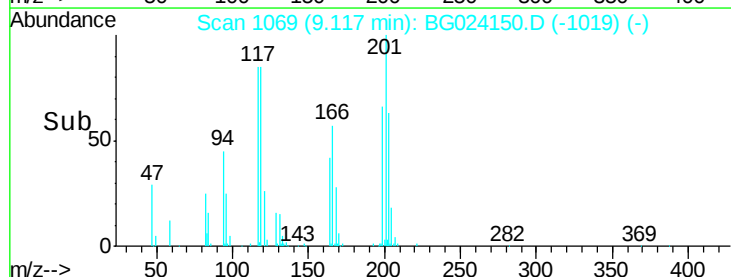
201 117.6 88.7 133.1

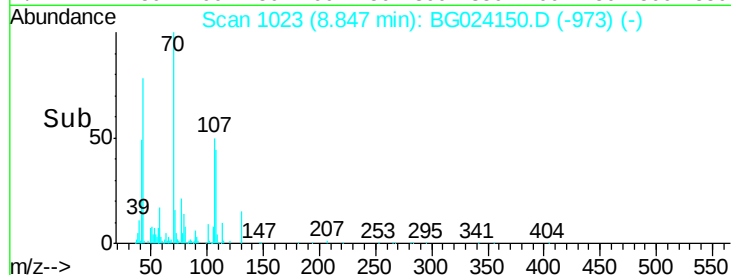
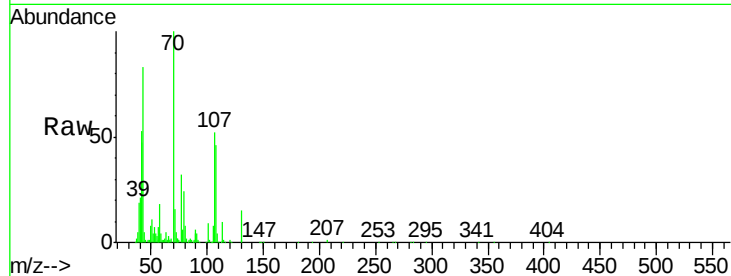
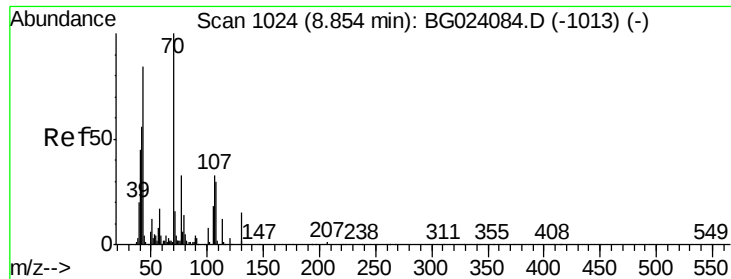


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

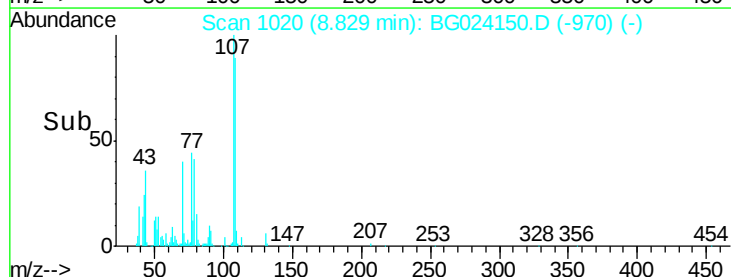
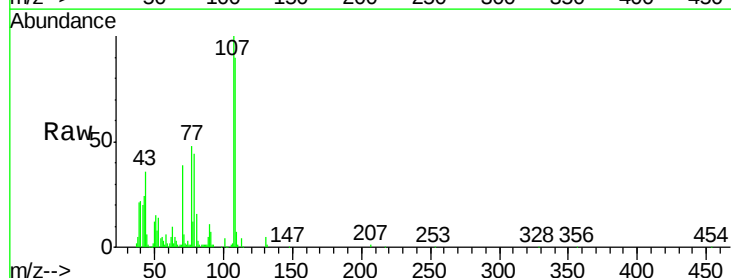
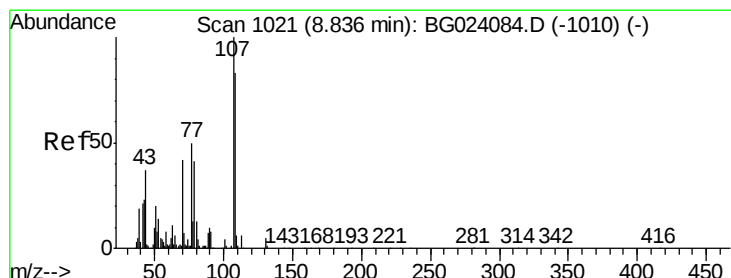
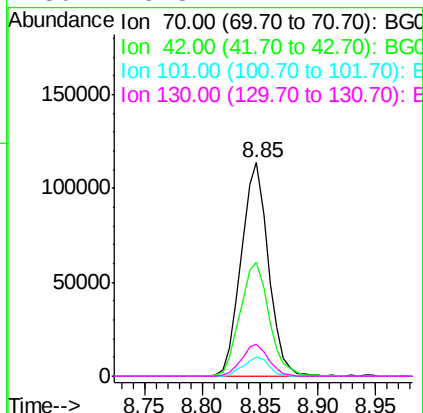




#19
n-Nitroso-di-n-propylamine
Concen: 37.44 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

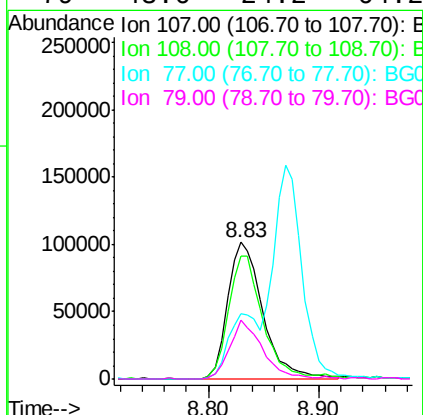
Instrument :
BNA_G
ClientSampleId :
PB93653BS

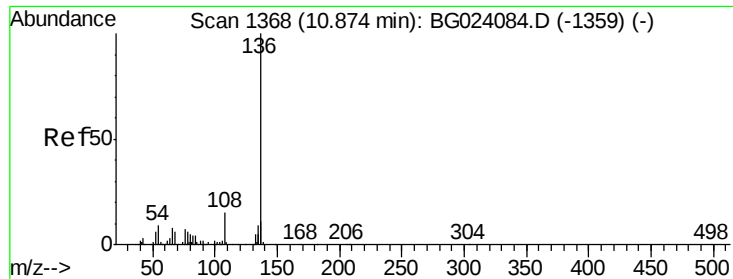
Tot Ion:	70	Resp:	186437
Ion	Ratio	Lower	Upper
70	100		
42	53.1	42.1	63.1
101	9.0	7.2	10.8
130	15.3	14.2	21.2



#20
3+4-Methylphenols
Concen: 44.02 ng
RT: 8.83 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

Tgt Ion:	107	Resp:	226549
Ion	Ratio	Lower	Upper
107	100		
108	89.9	72.5	112.5
77	48.2	30.1	70.1
79	43.6	24.2	64.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampleId :

PB93653BS

Tot Ion:136 Resp: 239739

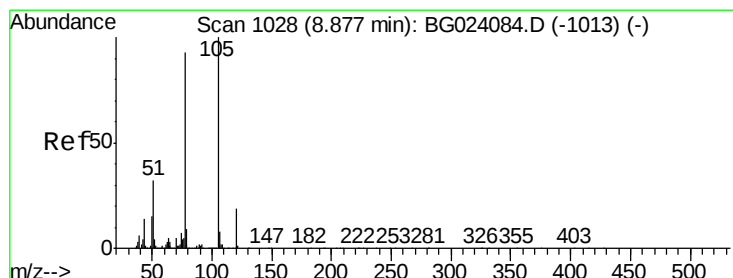
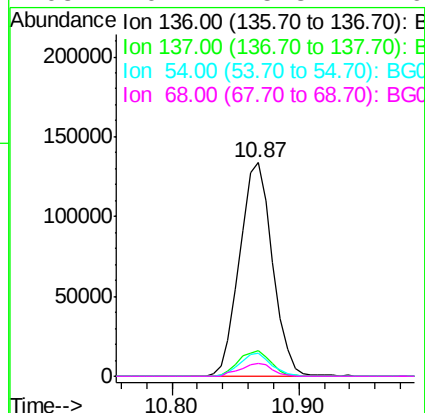
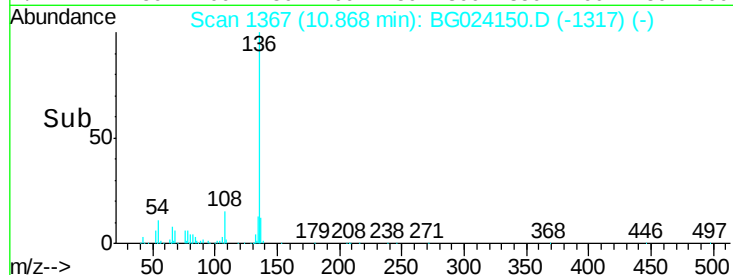
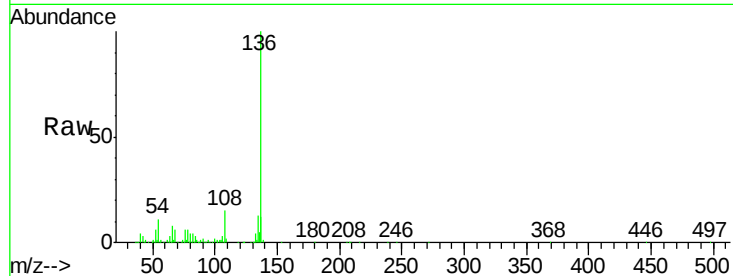
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 11.0 7.3 10.9#

68 6.1 5.3 7.9



#22

Acetophenone

Concen: 43.35 ng

RT: 8.87 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Tgt Ion:105 Resp: 299853

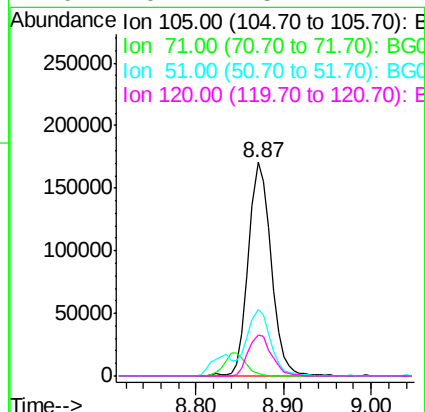
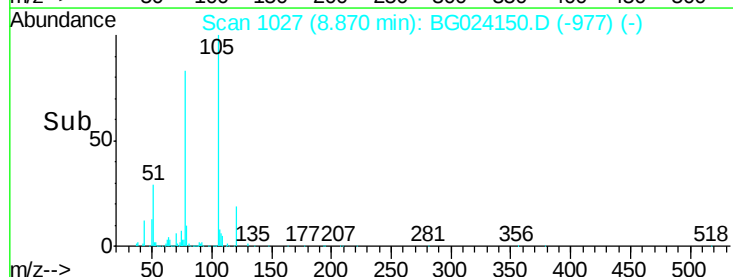
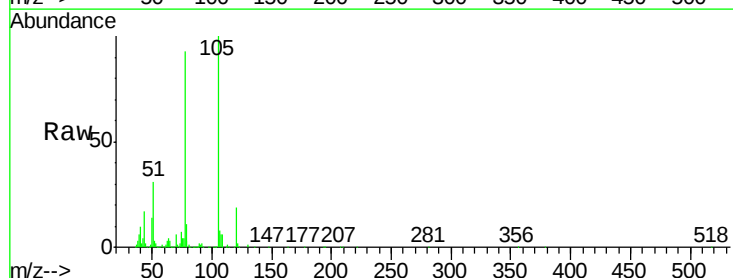
Ion Ratio Lower Upper

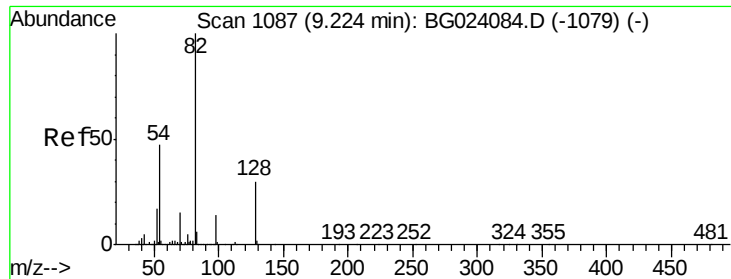
105 100

71 1.0 2.6 3.8#

51 31.3 27.1 40.7

120 19.4 15.1 22.7

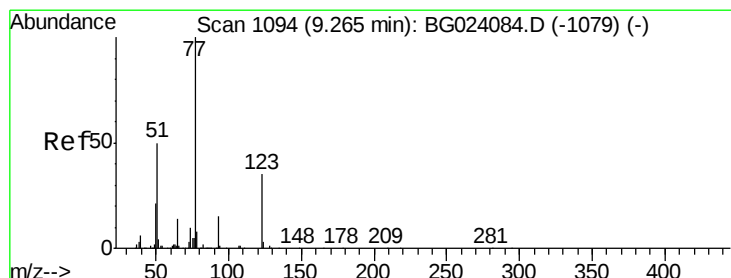
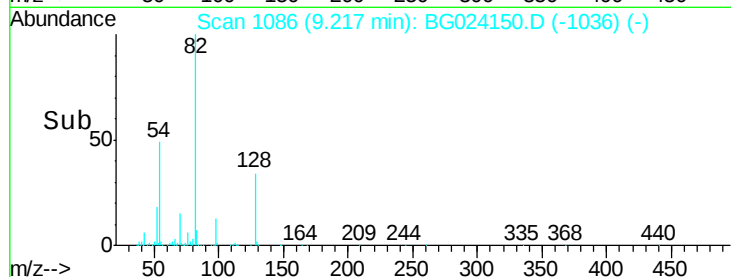
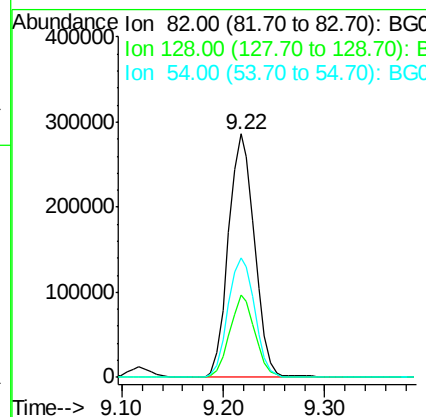
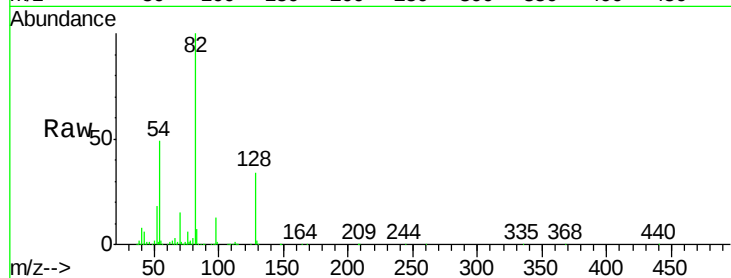




#23
 Nitrobenzene-d5
 Concen: 83.77 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

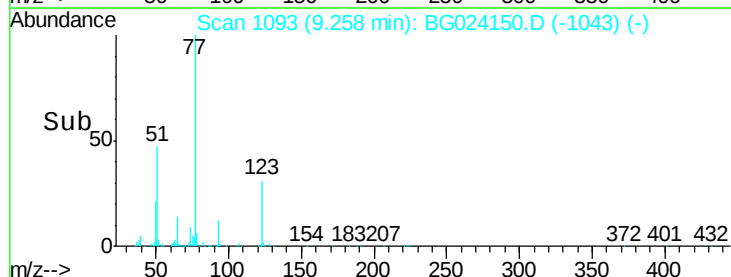
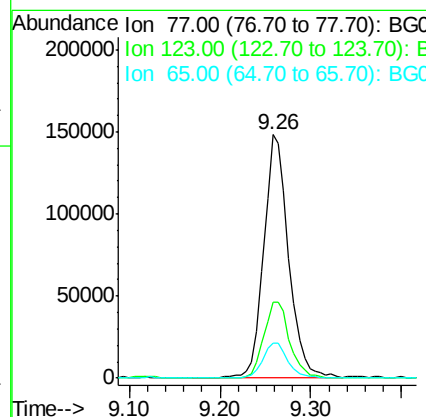
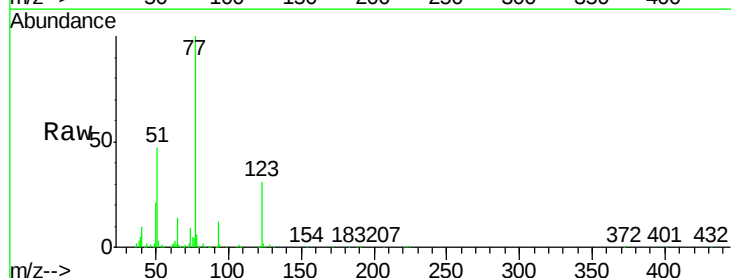
Instrument :
 BNA_G
 ClientSampleId :
 PB93653BS

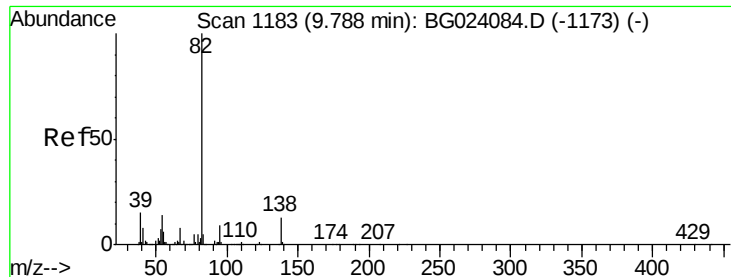
Tot Ion	82	Resp	509537
Ion	Ratio	Lower	Upper
82	100		
128	34.0	24.4	36.6
54	49.1	41.4	62.0



#24
 Nitrobenzene
 Concen: 43.33 ng
 RT: 9.26 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

Tgt Ion	77	Resp	282508
Ion	Ratio	Lower	Upper
77	100		
123	31.1	25.0	37.6
65	14.4	13.4	20.0





#25

Isophorone

Concen: 40.03 ng

RT: 9.78 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampleId :

PB93653BS

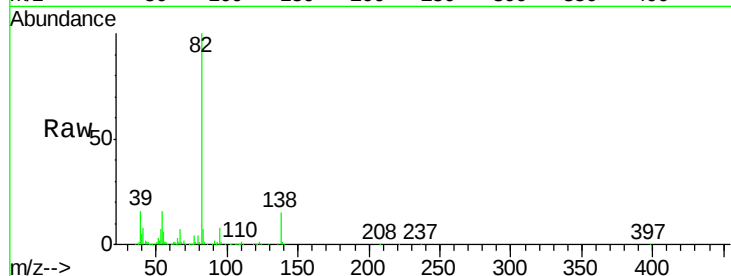
Tot Ion: 82 Resp: 496707

Ion Ratio Lower Upper

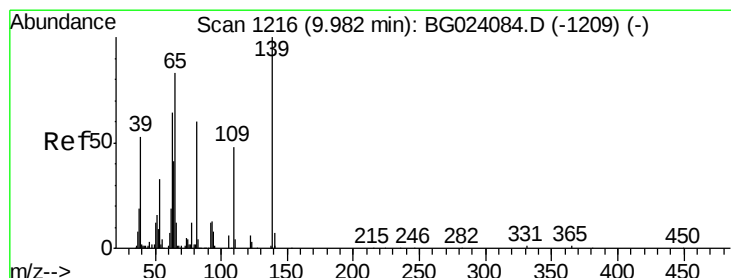
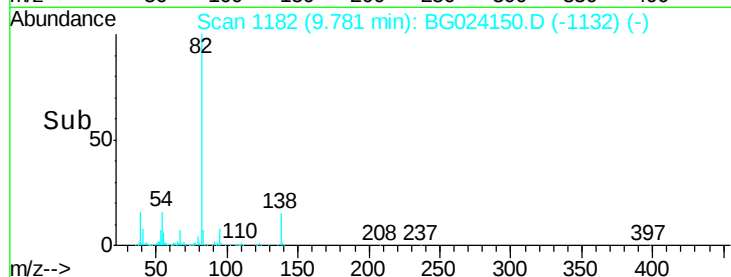
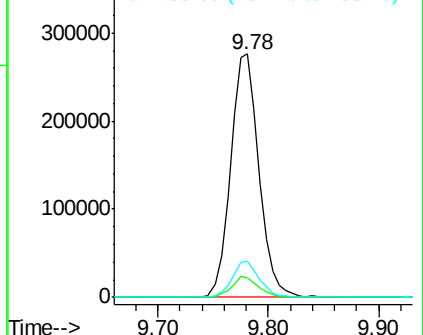
82 100

95 8.3 8.2 12.2

138 14.8 10.7 16.1



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



#26

2-Nitrophenol

Concen: 43.48 ng

RT: 9.97 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

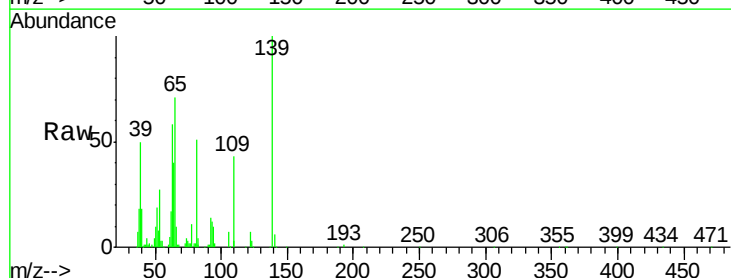
Tgt Ion: 139 Resp: 100554

Ion Ratio Lower Upper

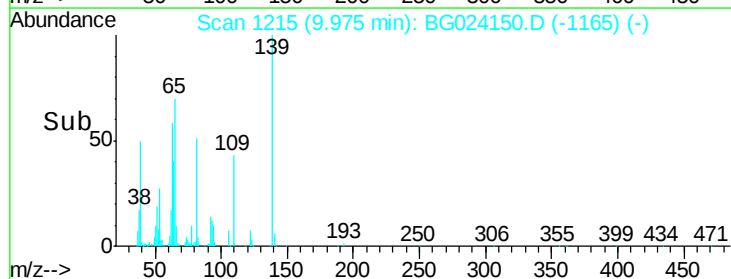
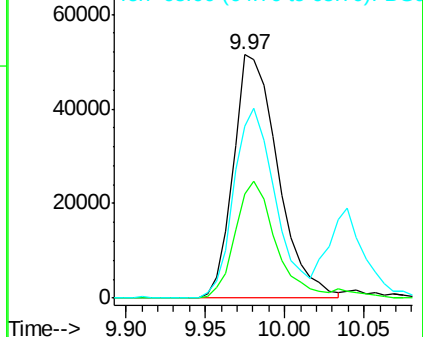
139 100

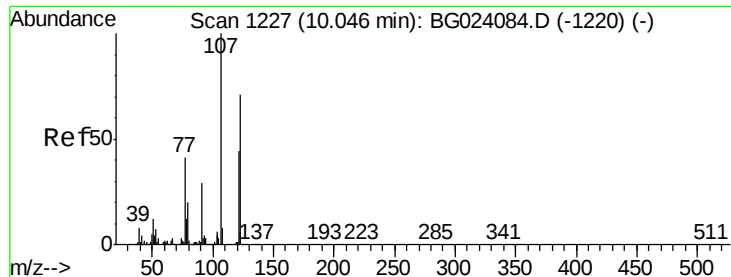
109 42.6 43.5 65.3#

65 70.6 64.3 96.5



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

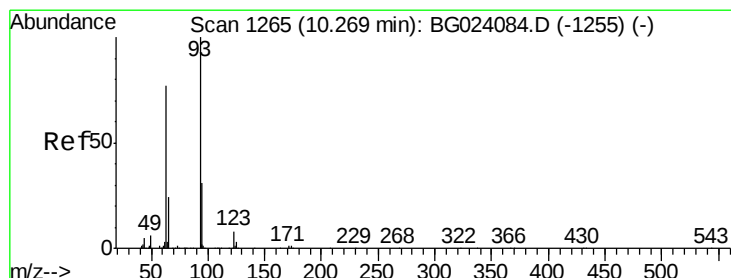
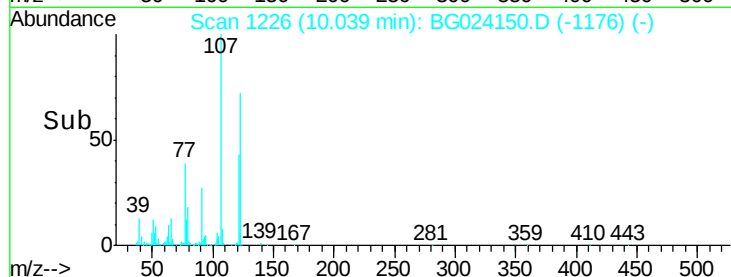
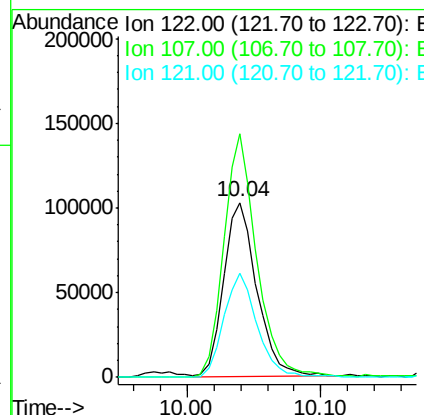
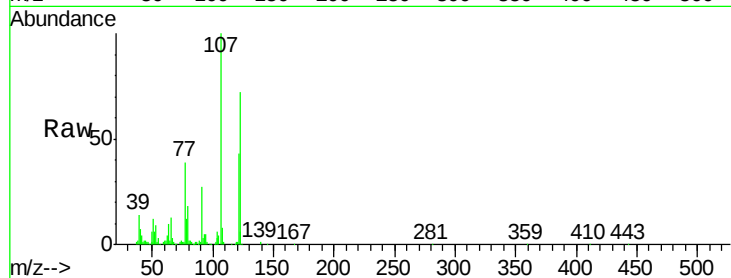




#27
2,4-Dimethylphenol
Concen: 46.41 ng
RT: 10.04 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

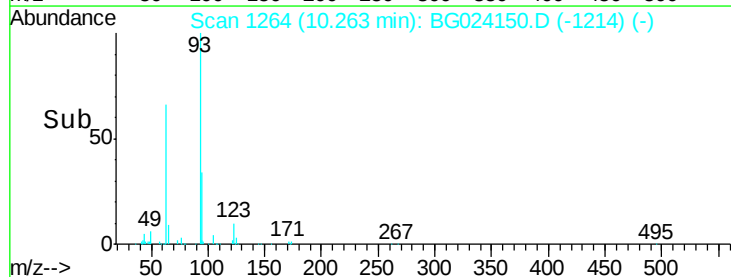
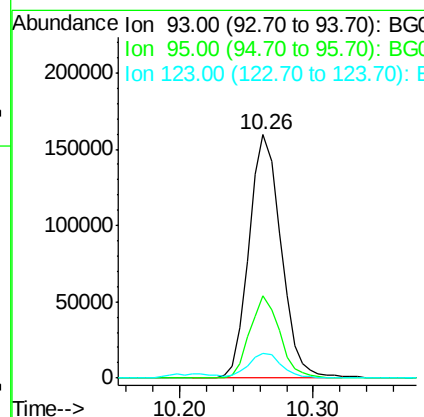
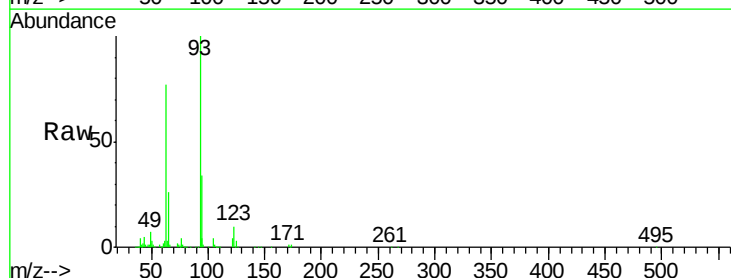
Instrument :
BNA_G
ClientSampleId :
PB93653BS

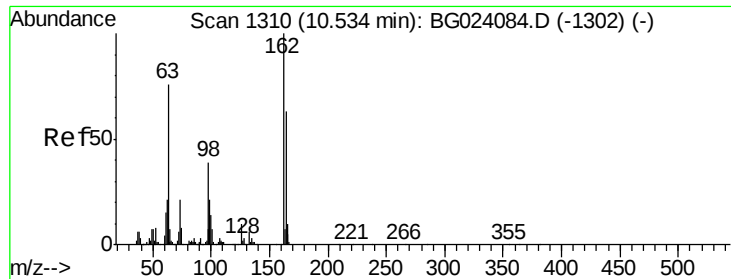
Tot Ion	Ratio	Lower	Upper
122	100		
107	139.1	117.0	175.4
121	59.2	50.1	75.1



#28
bis(2-Chloroethoxy)methane
Concen: 43.54 ng
RT: 10.26 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.4	38.2
123	10.1	8.2	12.2

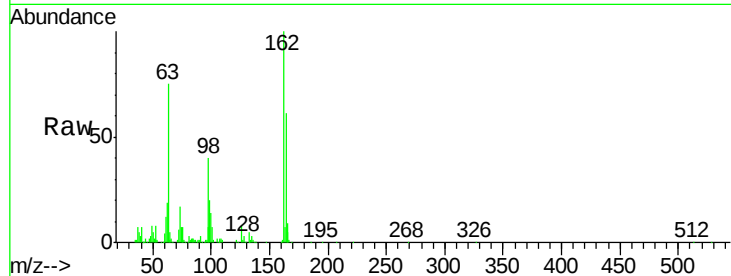




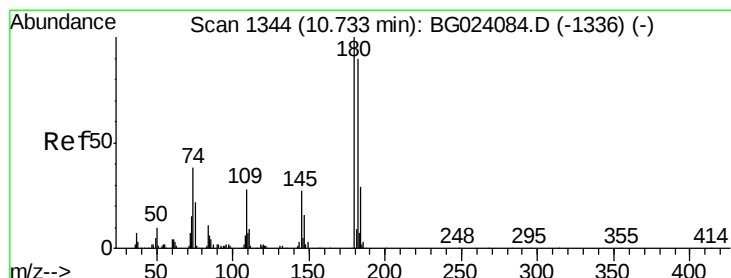
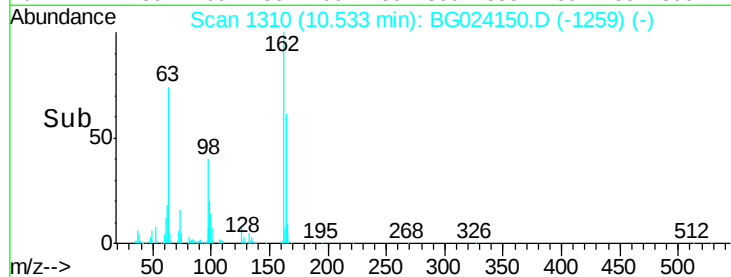
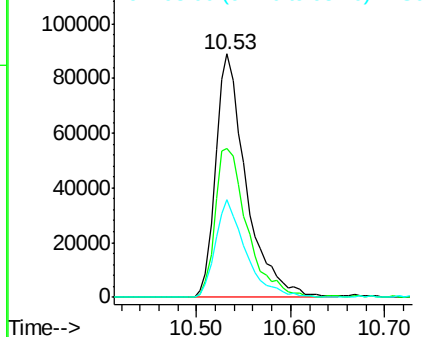
#29
2,4-Dichlorophenol
Concen: 50.05 ng
RT: 10.53 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

Instrument :
BNA_G
ClientSampleId :
PB93653BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.1	44.3	84.3
98	40.0	19.5	59.5

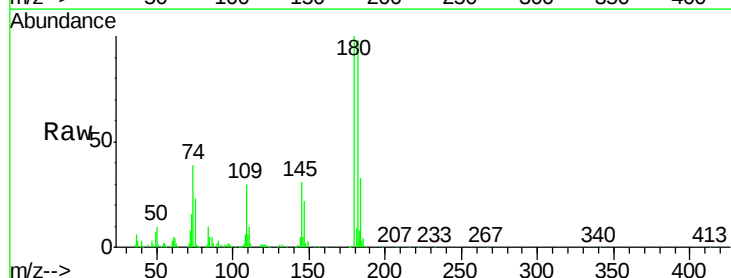


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

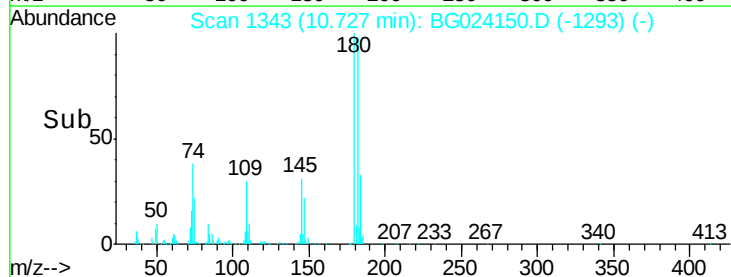
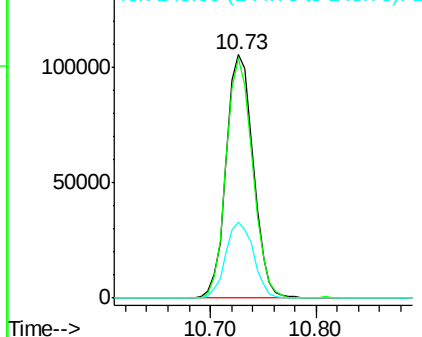


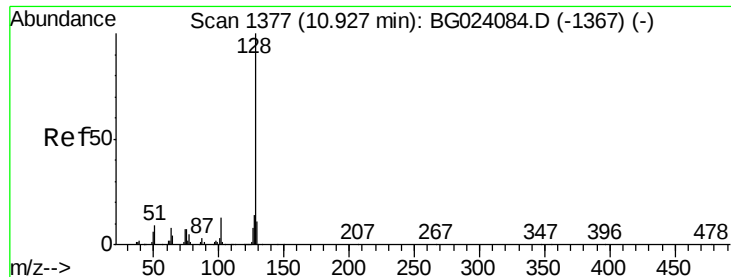
#30
1,2,4-Trichlorobenzene
Concen: 43.53 ng
RT: 10.73 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	73.8	110.8
145	31.0	24.4	36.6



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

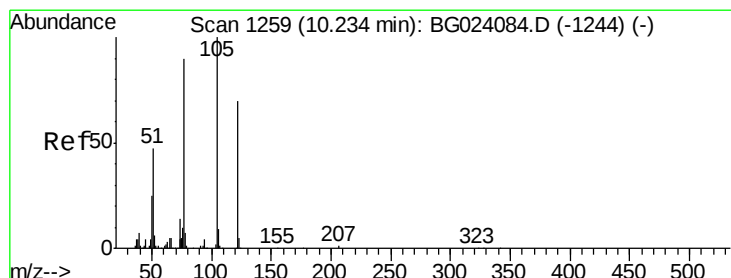
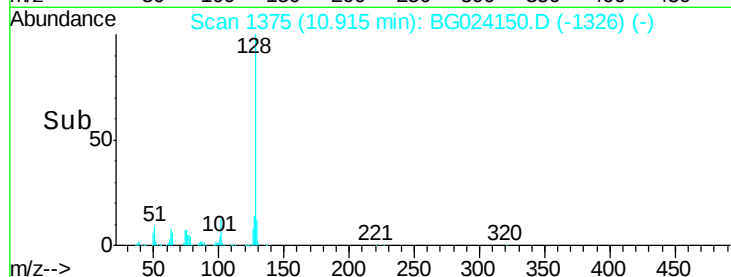
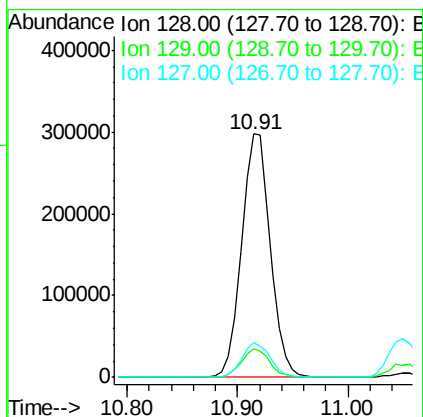
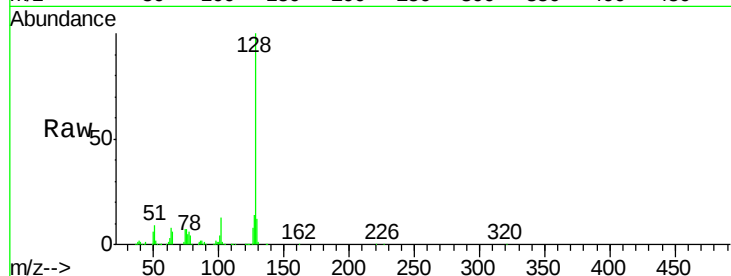




#31
Naphthalene
Concen: 44.77 ng
RT: 10.91 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

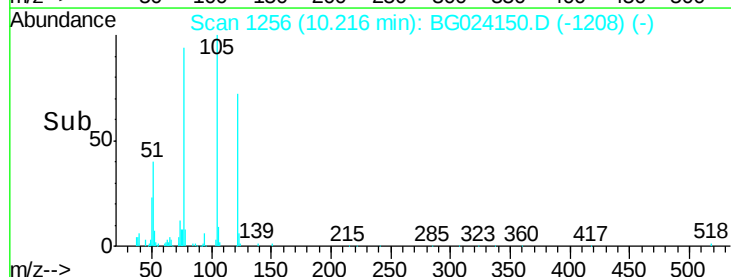
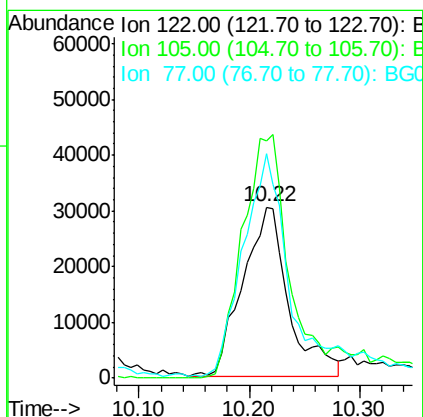
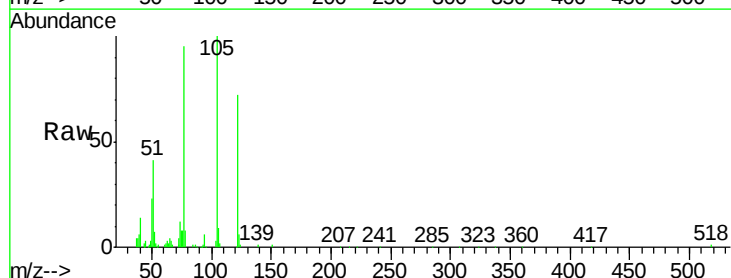
Instrument :
BNA_G
ClientSampleId :
PB93653BS

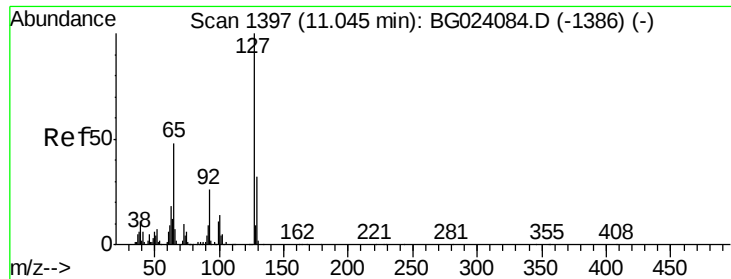
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.0
127	14.5	11.3	16.9



#32
Benzoic acid
Concen: 31.46 ng
RT: 10.22 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.4	117.2	157.2
77	130.9	109.2	149.2

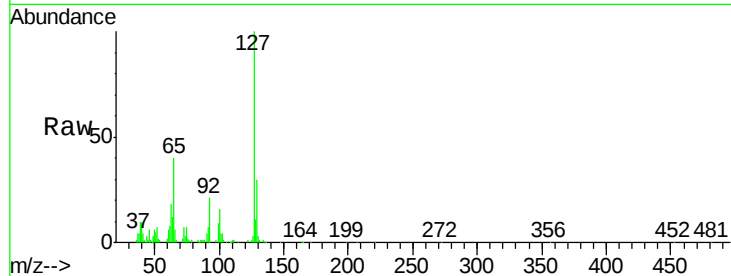




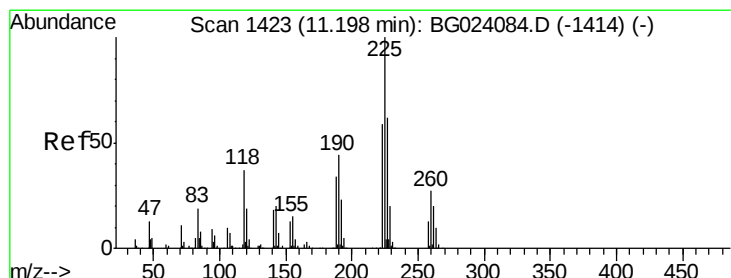
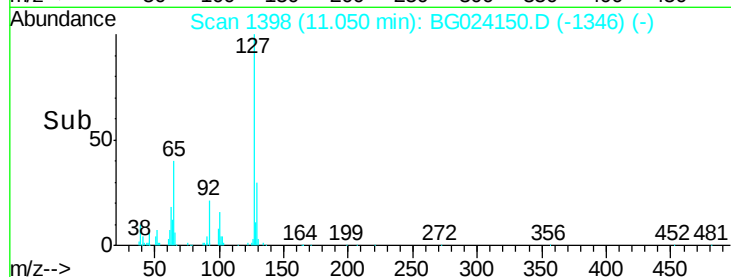
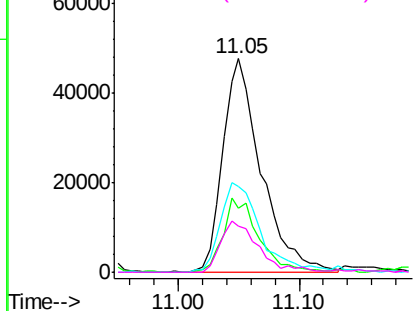
#33
4-Chloroaniline
Concen: 19.32 ng
RT: 11.05 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

Instrument :
BNA_G
ClientSampleId :
PB93653BS

Tot Ion:127	Resp:	104723	
Ion	Ratio	Lower	Upper
127	100		
129	29.9	27.9	41.9
65	40.0	36.8	55.2
92	21.4	21.0	31.6

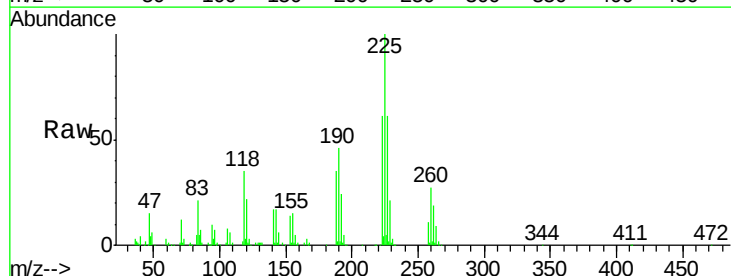


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

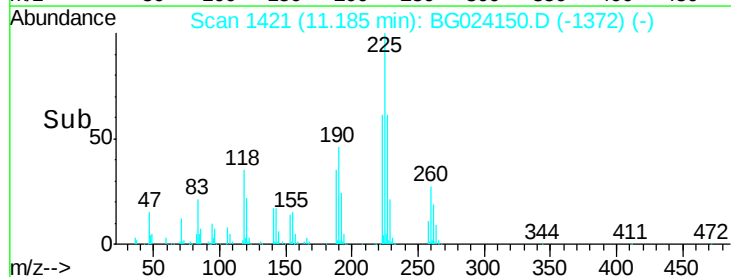
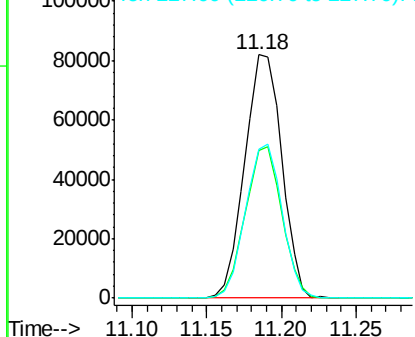


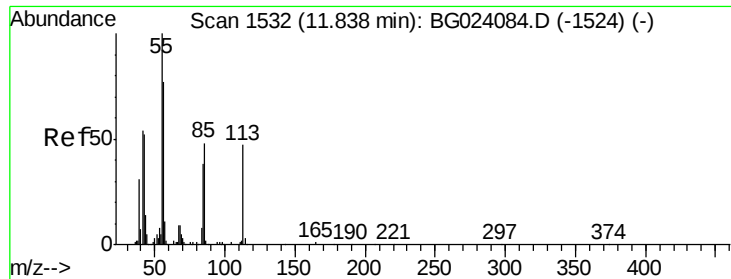
#34
Hexachlorobutadiene
Concen: 41.47 ng
RT: 11.18 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

Tgt	Ion:225	Resp:	140661
Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.6	74.4
227	61.0	54.5	81.7



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





#35

Caprolactam

Concen: 44.11 ng/ml

RT: 11.83 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampleId :

PB93653BS

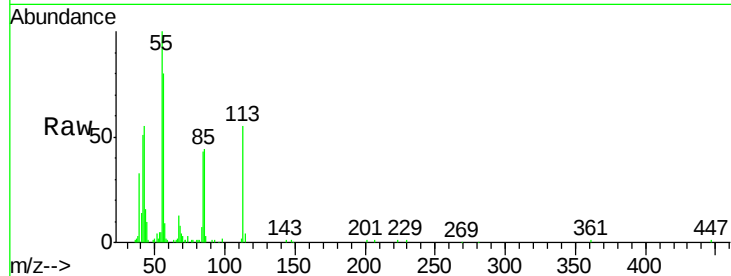
Tot Ion:113 Resp: 72211

Ion Ratio Lower Upper

113 100

55 180.6 154.5 194.5

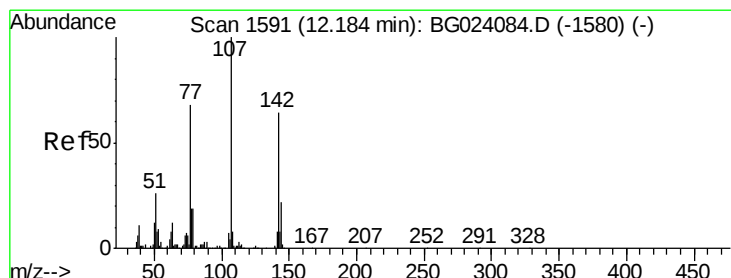
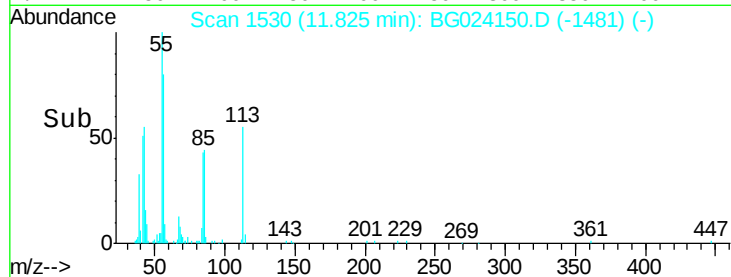
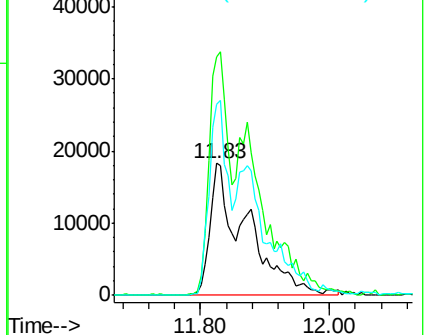
56 144.9 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG024150.D (-1524) (-)

Ion 56.00 (55.70 to 56.70): BG024150.D (-1524) (-)



#36

4-Chloro-3-methylphenol

Concen: 44.20 ng/ml

RT: 12.18 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

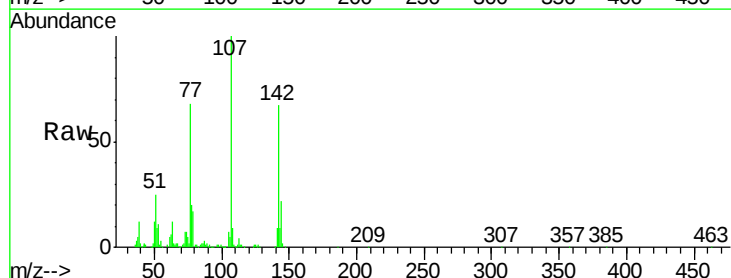
Tgt Ion:107 Resp: 250354

Ion Ratio Lower Upper

107 100

144 22.4 17.0 25.6

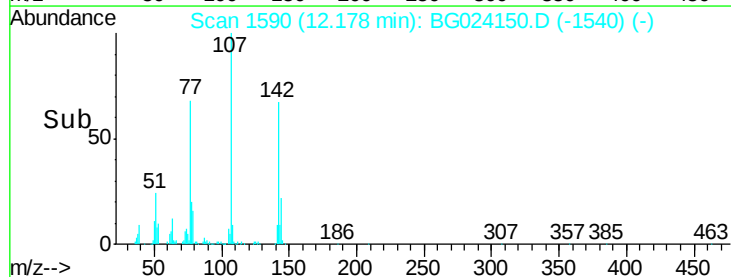
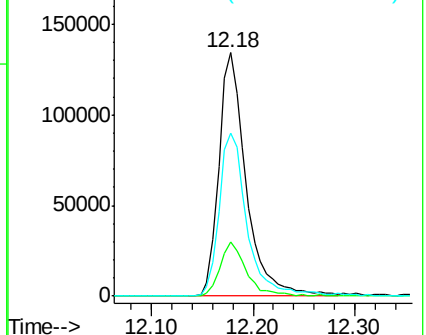
142 66.9 53.0 79.6

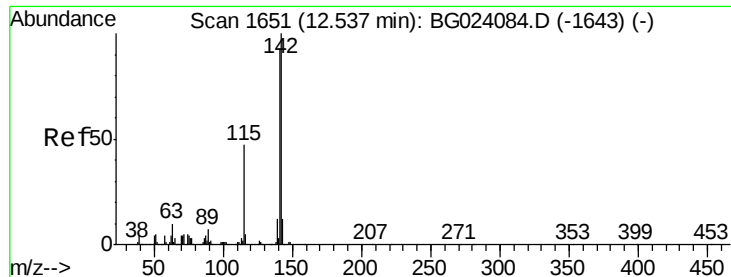


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): BG024150.D (-1580) (-)

Ion 142.00 (141.70 to 142.70): BG024150.D (-1580) (-)

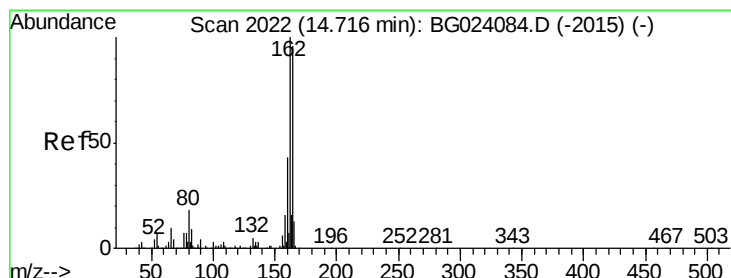
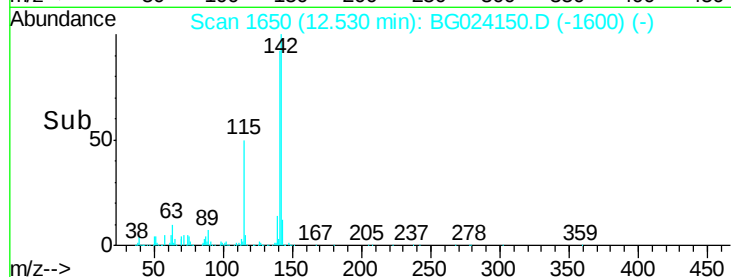
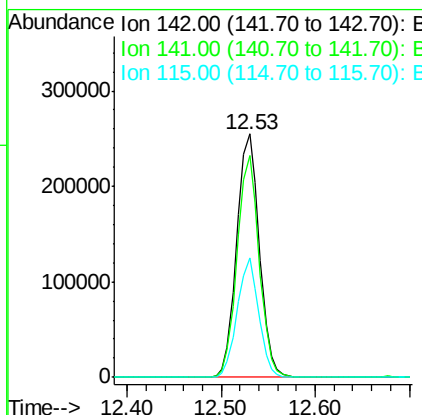
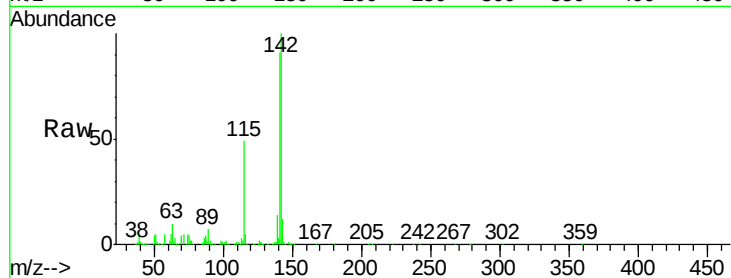




#37
2-Methylnaphthalene
Concen: 45.91 ng
RT: 12.53 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

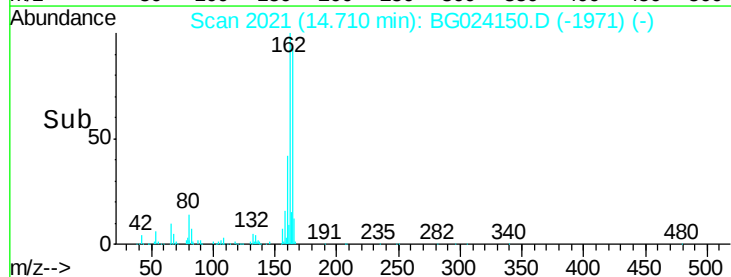
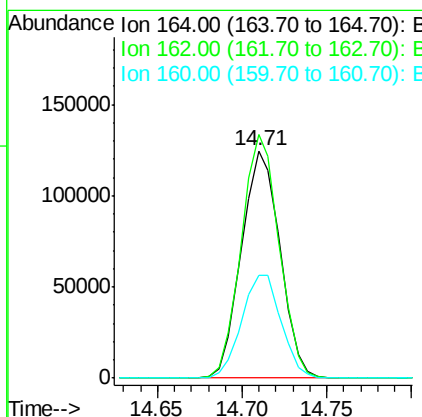
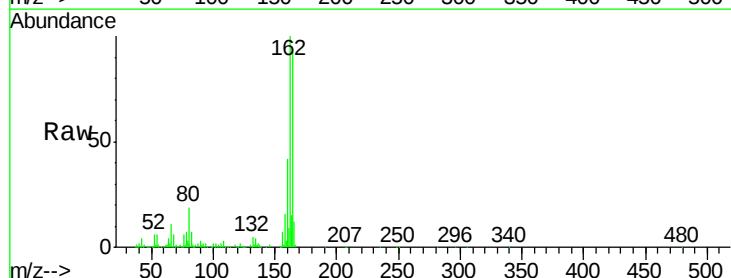
Instrument :
BNA_G
ClientSampleId :
PB93653BS

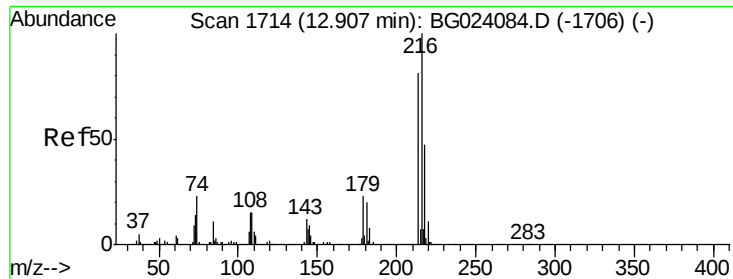
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.2	105.2
115	48.9	41.7	62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	87.7	131.5
160	45.1	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.98 ng

RT: 12.90 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampleId :

PB93653BS

Tot Ion:216 Resp: 242190

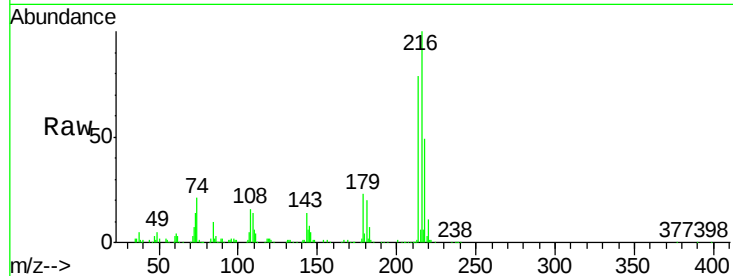
Ion Ratio Lower Upper

216 100

214 80.5 62.9 94.3

179 22.7 17.2 25.8

108 21.8 16.3 24.5

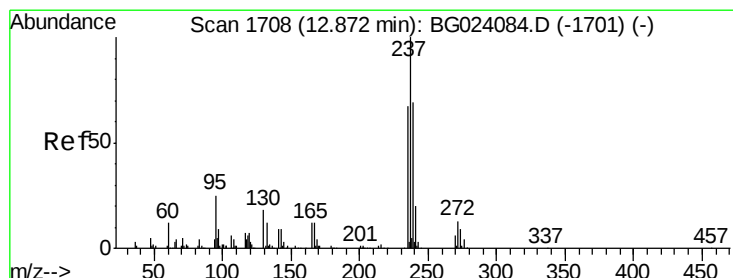
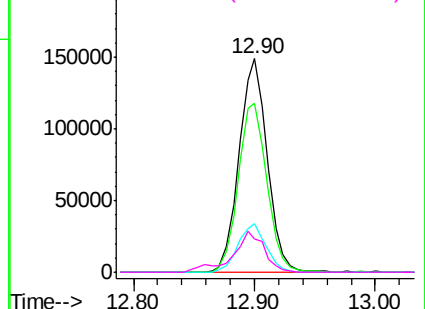
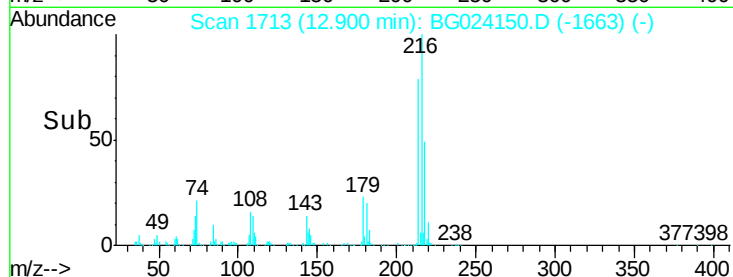


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.96 ng

RT: 12.86 min Scan# 1707

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

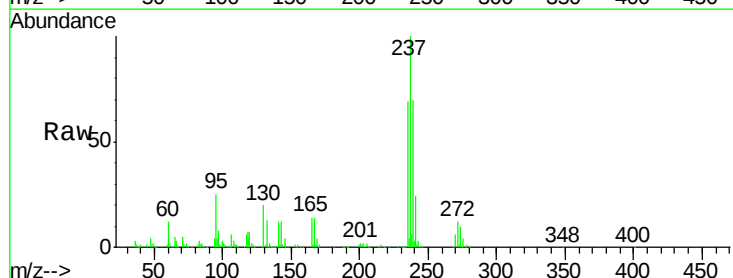
Tgt Ion:237 Resp: 235626

Ion Ratio Lower Upper

237 100

235 69.5 43.1 83.1

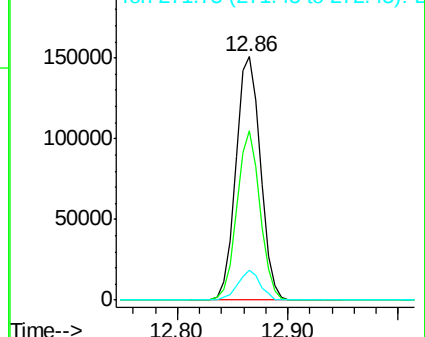
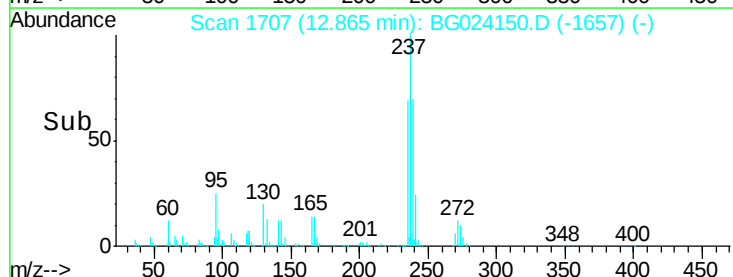
272 12.1 0.0 30.9

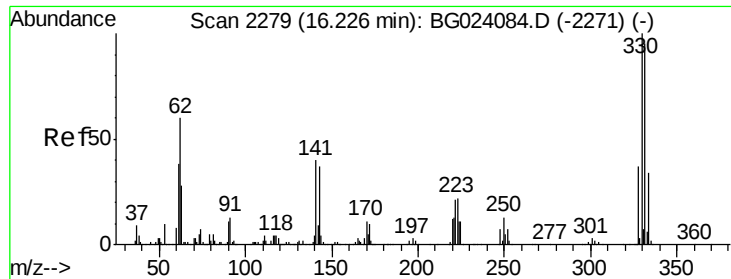


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

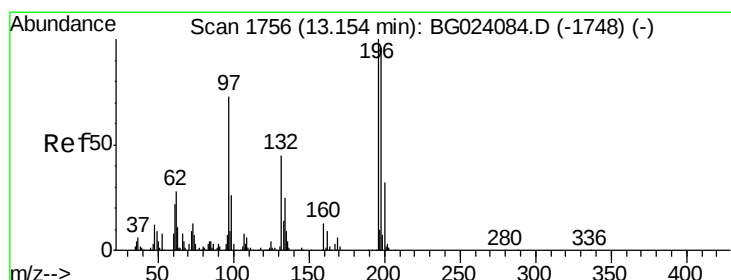
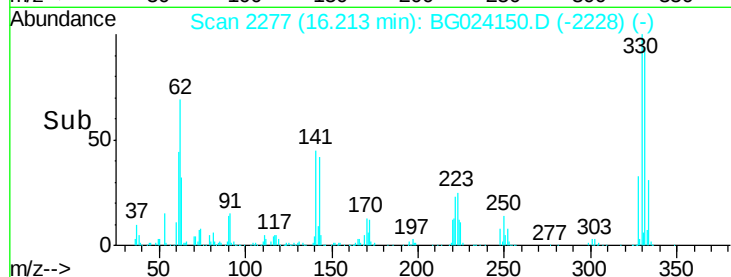
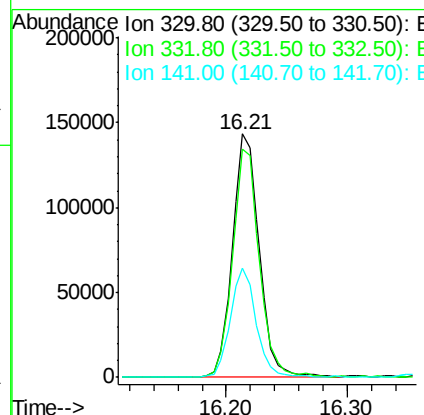
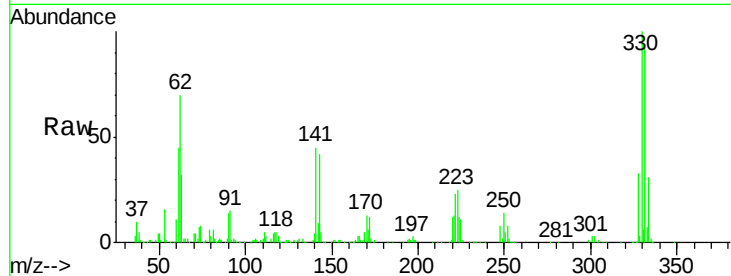




#41
 2,4,6-Tribromophenol
 Concen: 77.92 ng
 RT: 16.21 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

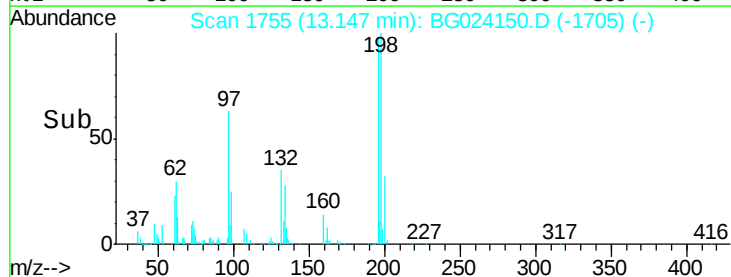
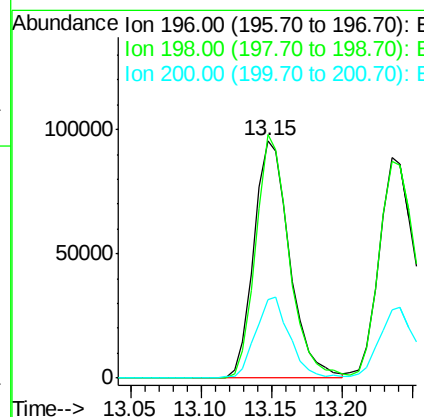
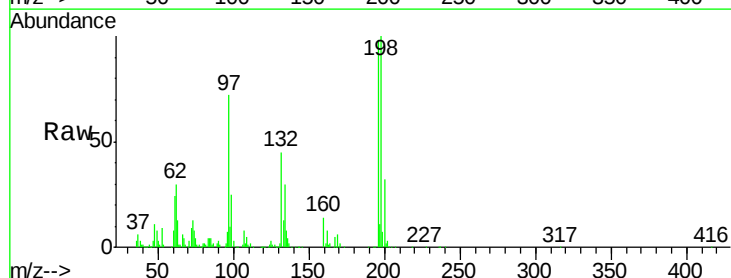
Instrument :
 BNA_G
 ClientSampleId :
 PB93653BS

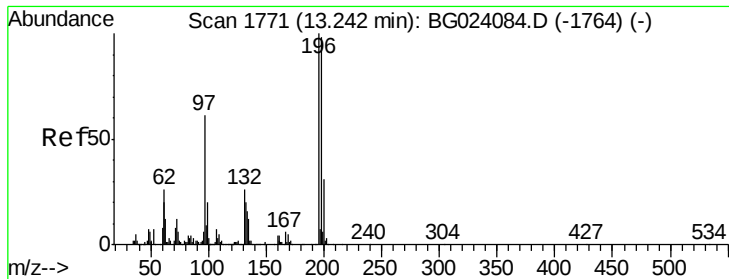
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.4	116.2
141	43.0	31.7	47.5



#42
 2,4,6-Trichlorophenol
 Concen: 45.36 ng
 RT: 13.15 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.4	78.2	117.2
200	32.9	27.0	40.4

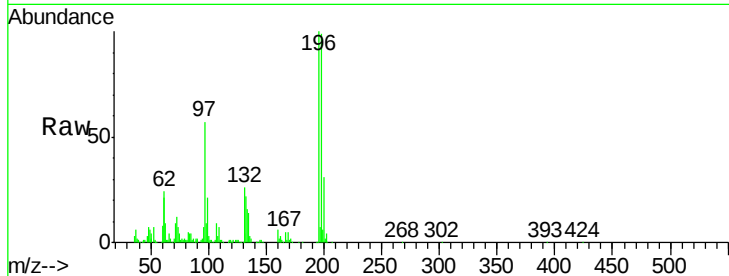




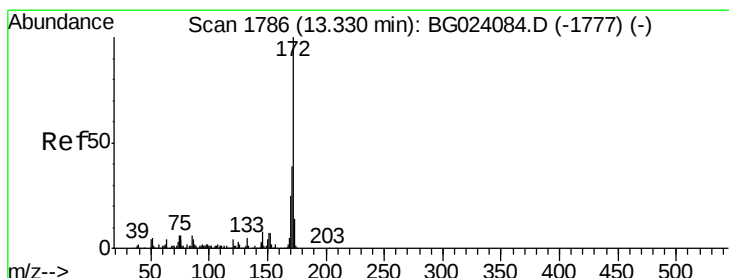
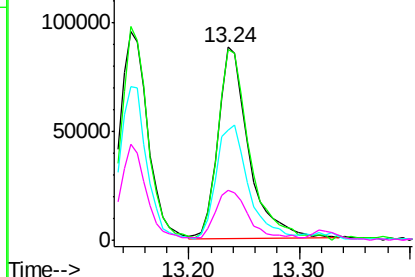
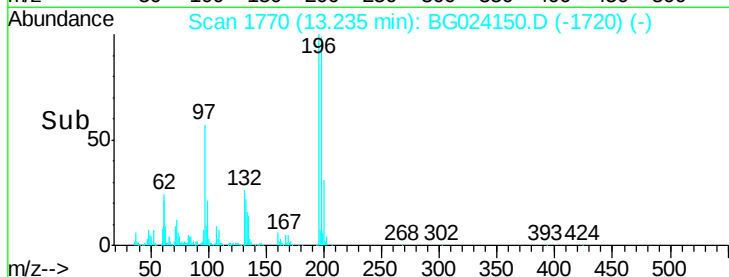
#43
 2,4,5-Trichlorophenol
 Concen: 44.67 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB93653BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	85.7	128.5
97	56.9	45.5	68.3
132	25.9	18.9	28.3

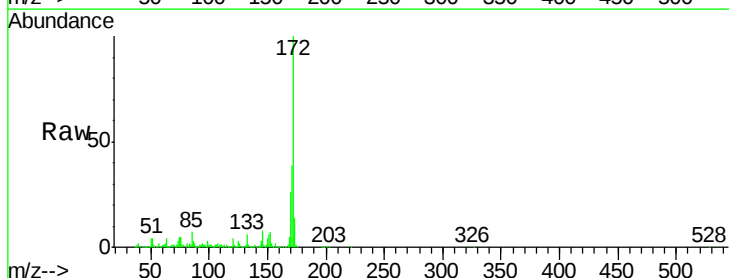


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

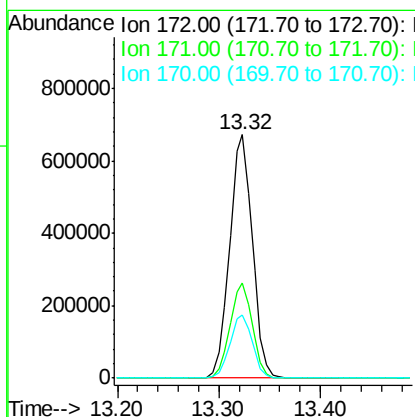
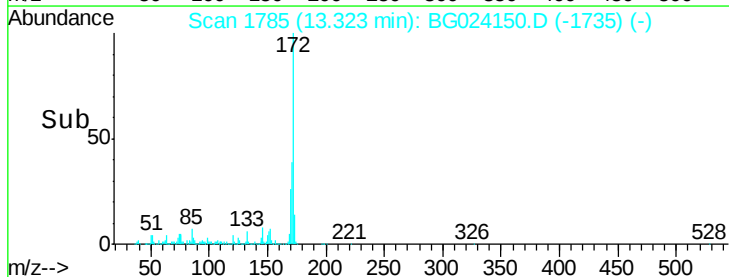


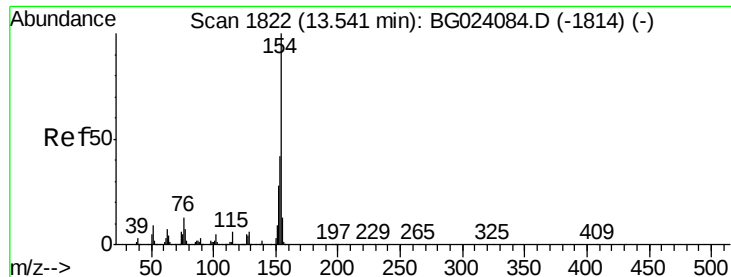
#44
 2-Fluorobiphenyl
 Concen: 88.54 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.6	47.4
170	26.0	21.3	31.9



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

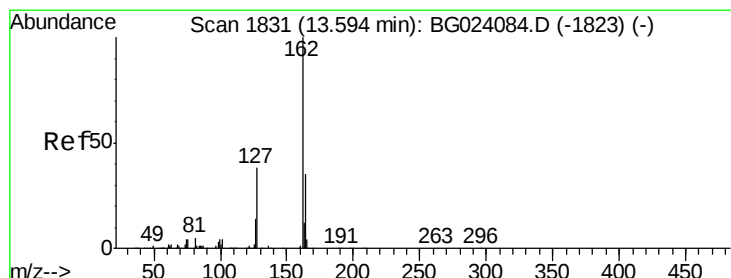
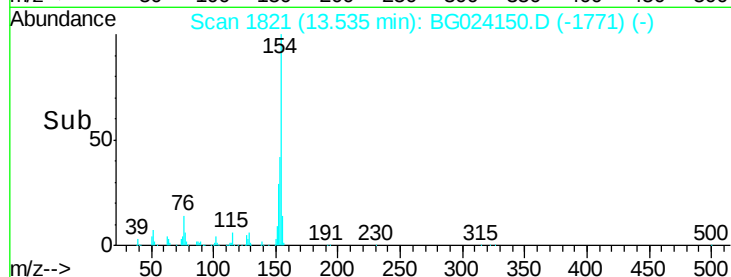
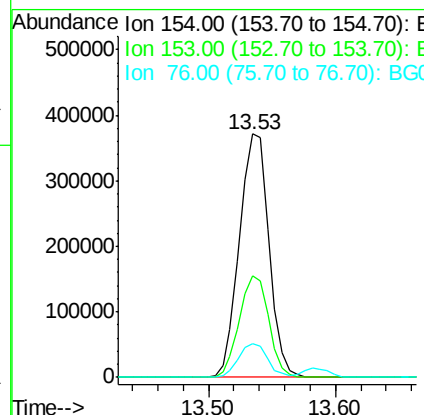
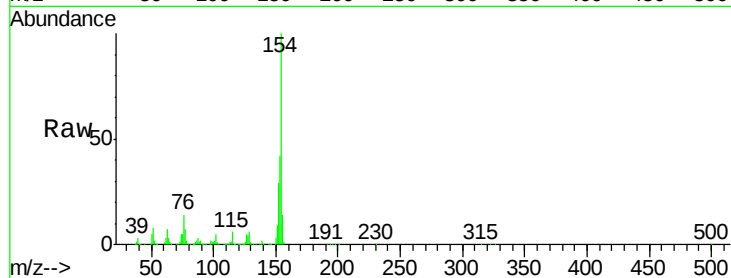




#45
 1,1'-Biphenyl
 Concen: 44.22 ng
 RT: 13.53 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

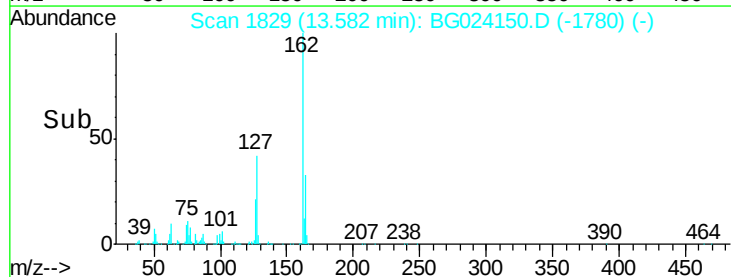
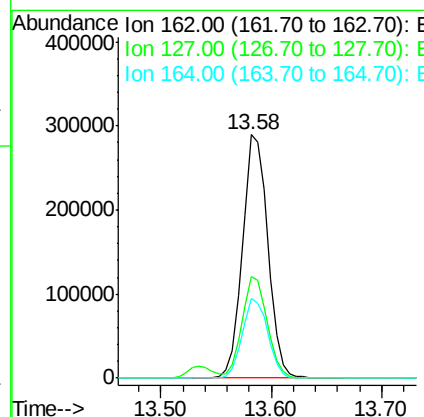
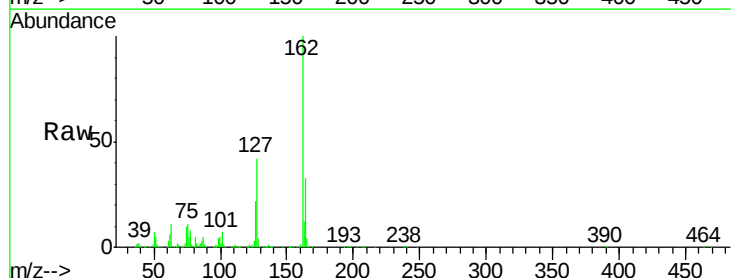
Instrument :
 BNA_G
 ClientSampleId :
 PB93653BS

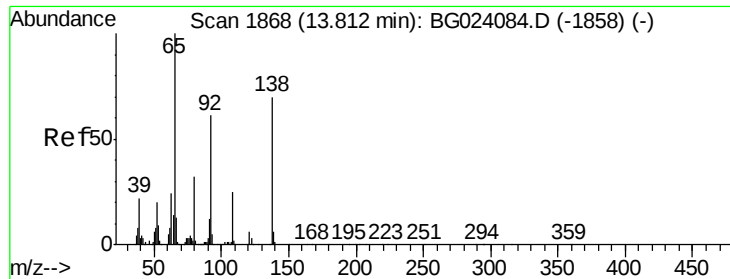
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.2	60.2
76	13.8	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 46.31 ng
 RT: 13.58 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.4	48.6
164	33.0	25.2	37.8





#47

2-Nitroaniline

Concen: 45.32 ng

RT: 13.80 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampleId :

PB93653BS

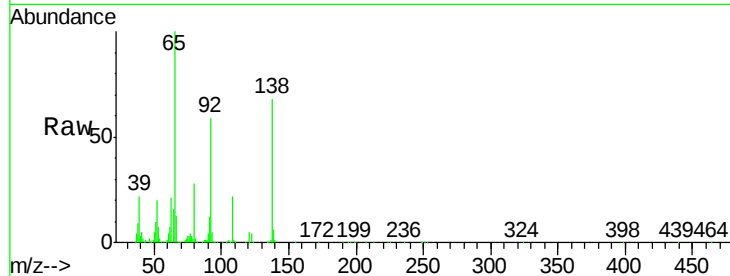
Tot Ion: 65 Resp: 212798

Ion Ratio Lower Upper

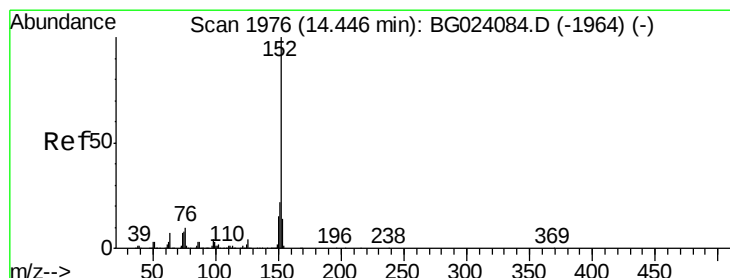
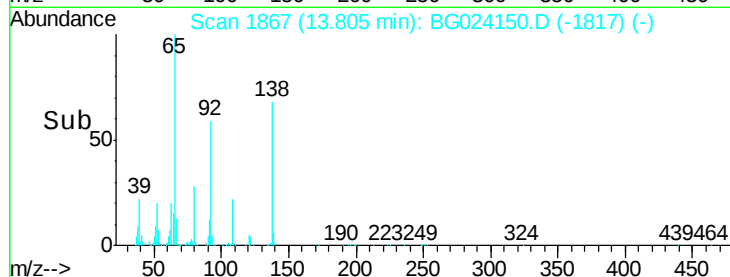
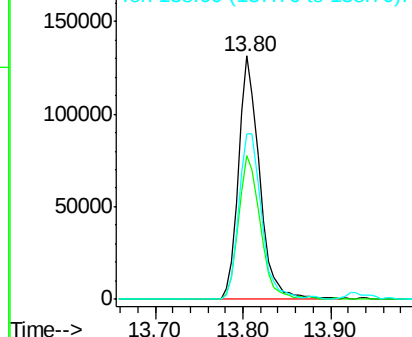
65 100

92 59.1 49.4 74.0

138 68.2 58.0 87.0



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 44.51 ng

RT: 14.43 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

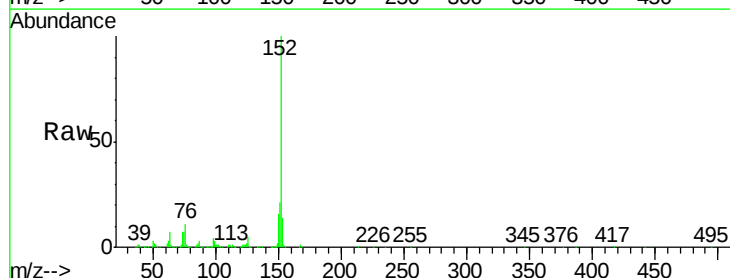
Tgt Ion: 152 Resp: 762526

Ion Ratio Lower Upper

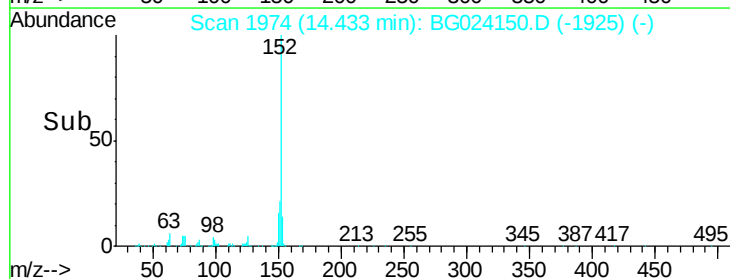
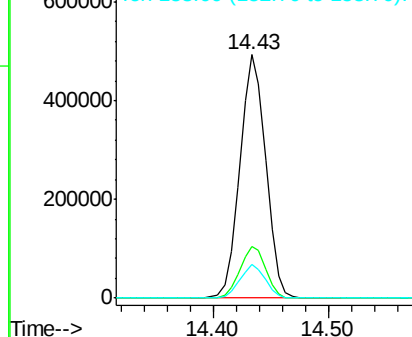
152 100

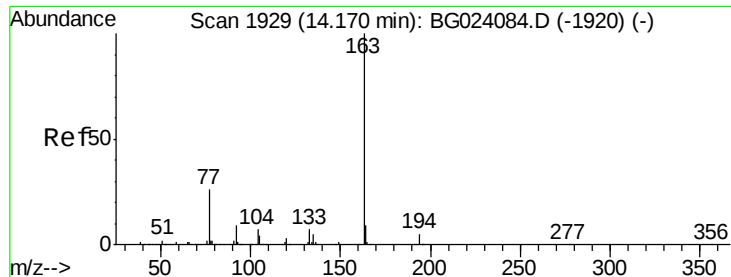
151 21.2 17.6 26.4

153 14.0 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 44.96 ng

RT: 14.16 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampleId :

PB93653BS

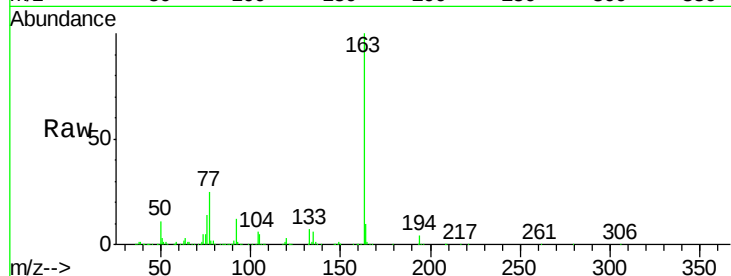
Tot Ion:163 Resp: 681670

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

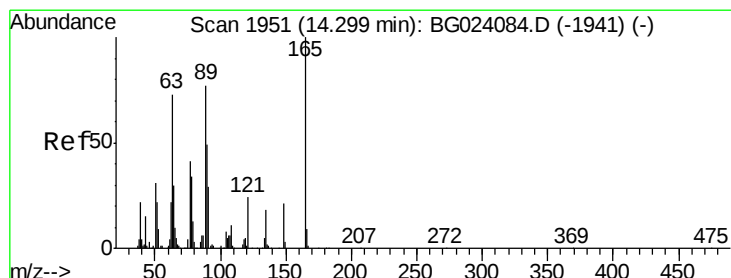
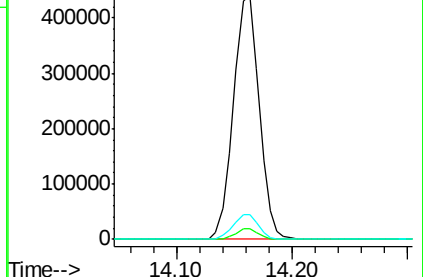
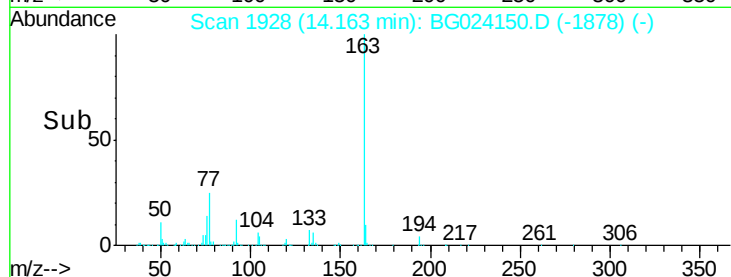
164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.48 ng

RT: 14.29 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

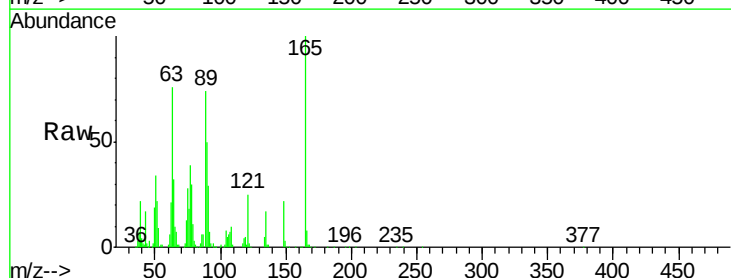
Tgt Ion:165 Resp: 151226

Ion Ratio Lower Upper

165 100

63 76.2 64.3 96.5

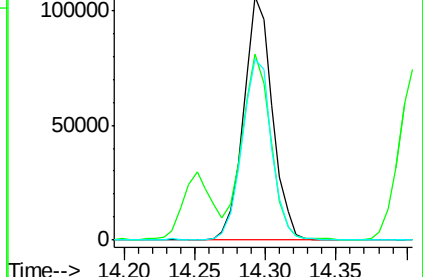
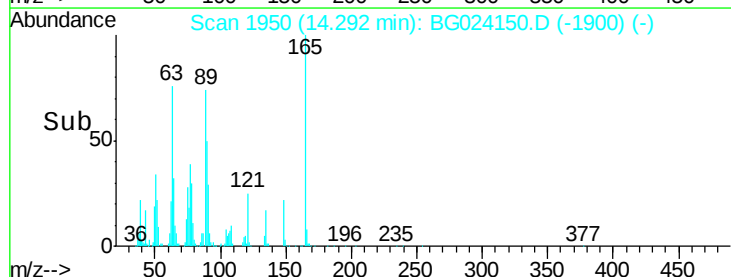
89 74.4 64.3 96.5

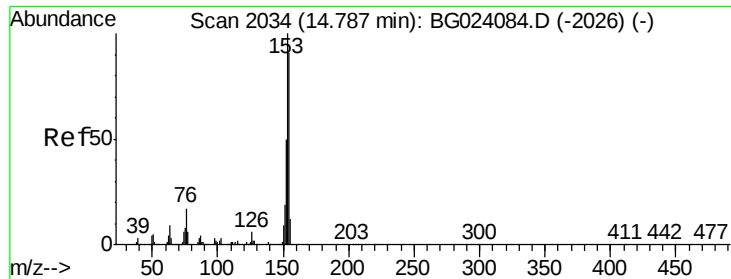


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 46.08 ng

RT: 14.77 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampleId :

PB93653BS

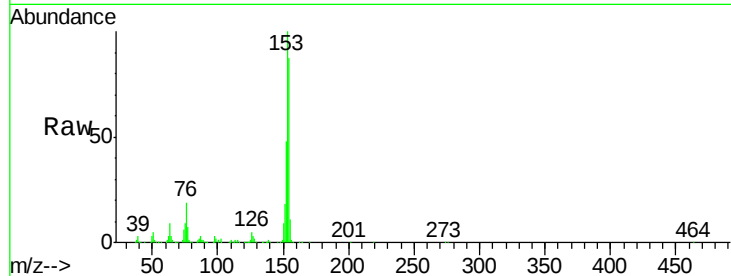
Tot Ion:154 Resp: 478743

Ion Ratio Lower Upper

154 100

153 115.4 87.5 131.3

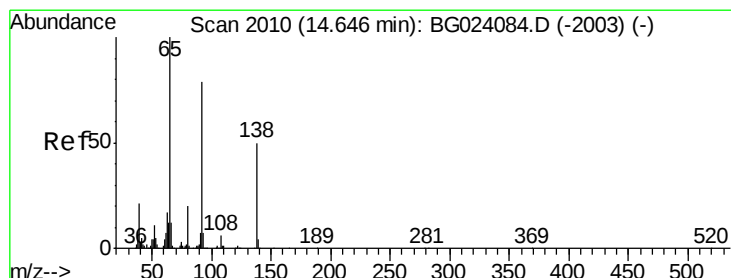
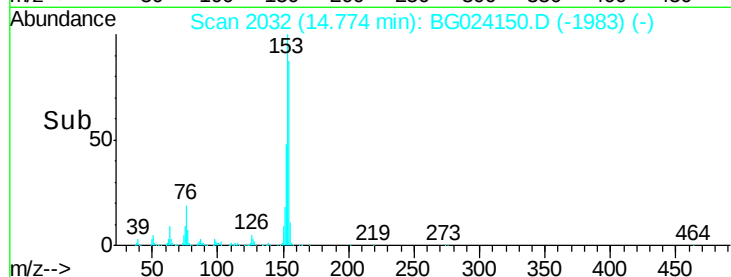
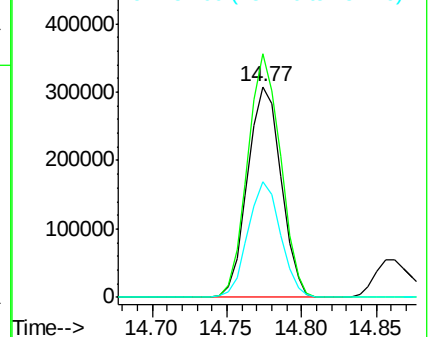
152 55.0 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.01 ng

RT: 14.64 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

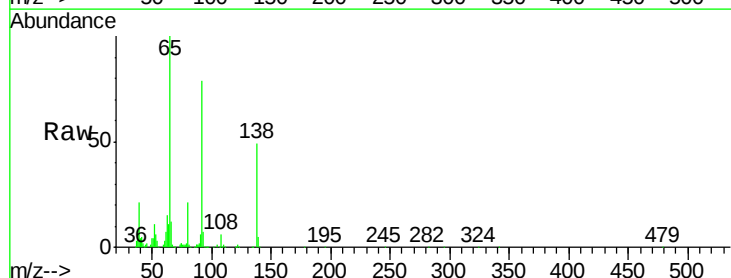
Tgt Ion:138 Resp: 95440

Ion Ratio Lower Upper

138 100

108 13.2 11.7 17.5

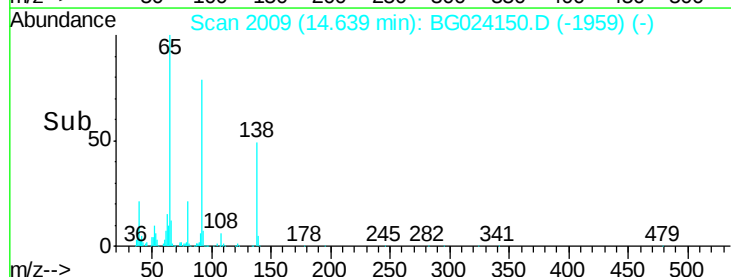
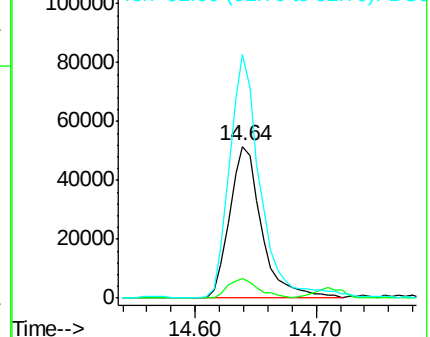
92 160.4 129.7 194.5

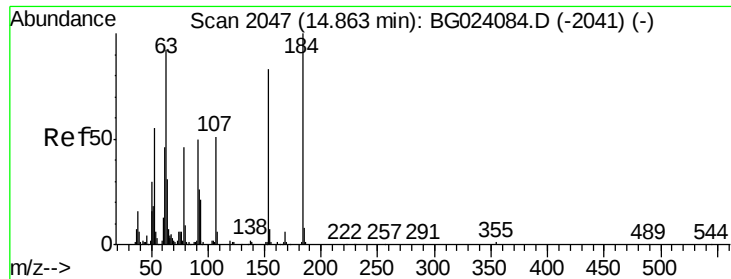


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

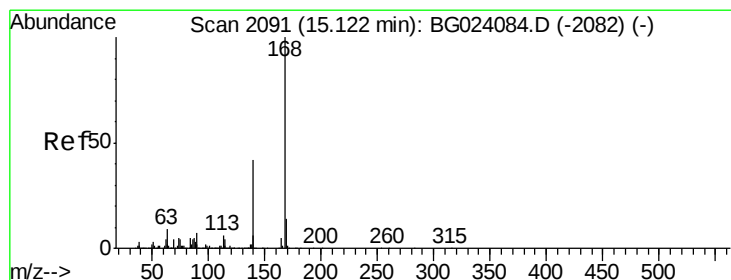
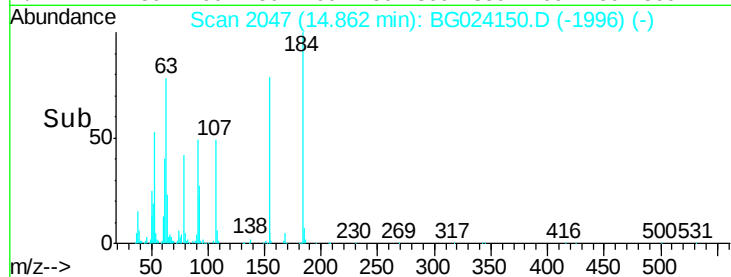
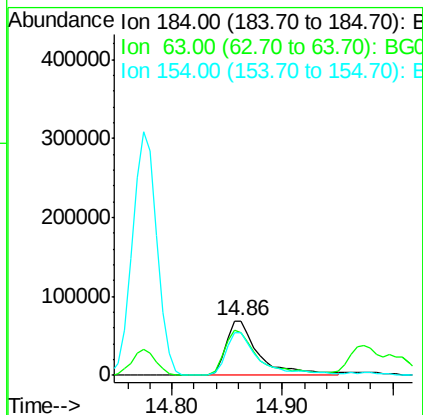
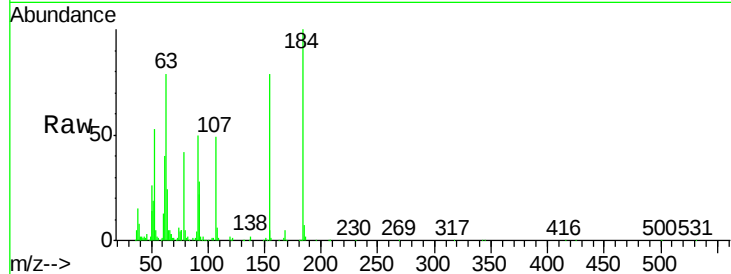




#53
2,4-Dinitrophenol
Concen: 65.67 ng
RT: 14.86 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

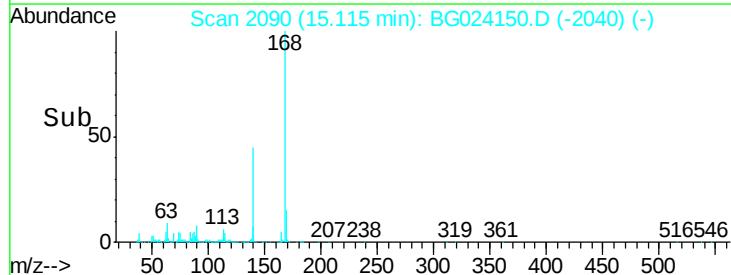
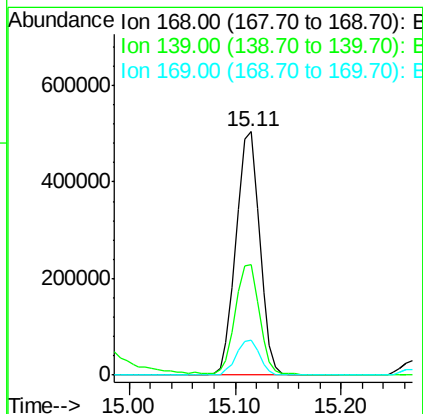
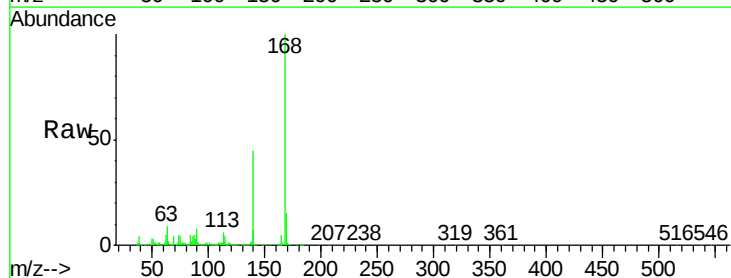
Instrument :
BNA_G
ClientSampleId :
PB93653BS

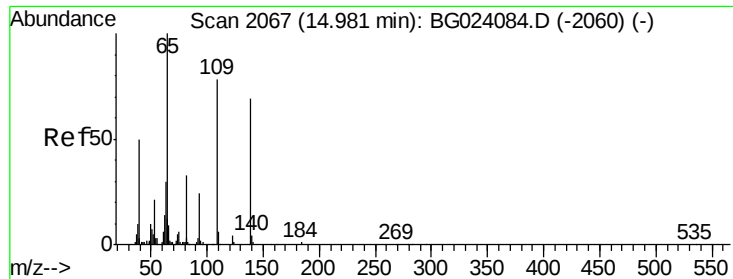
Tot Ion:184 Resp: 144072
Ion Ratio Lower Upper
184 100
63 78.5 59.6 89.4
154 79.2 67.4 101.0



#54
Dibenzofuran
Concen: 48.04 ng
RT: 15.11 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

Tgt Ion:168 Resp: 777050
Ion Ratio Lower Upper
168 100
139 45.1 36.4 54.6
169 14.6 11.9 17.9

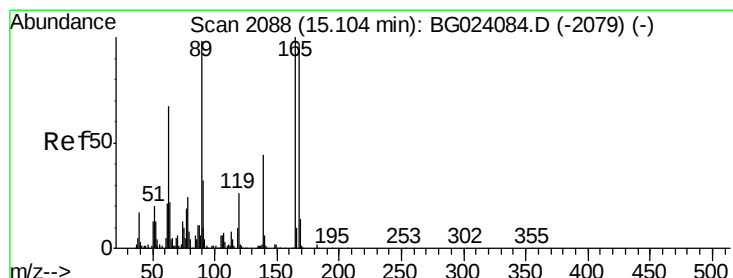
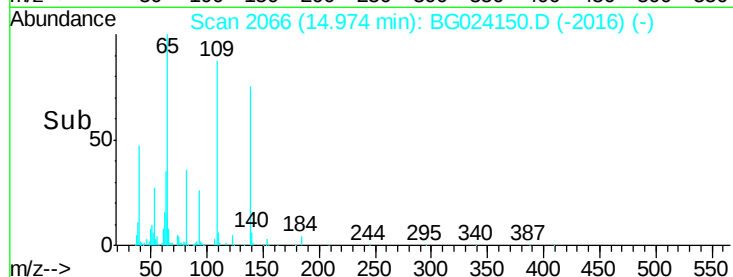
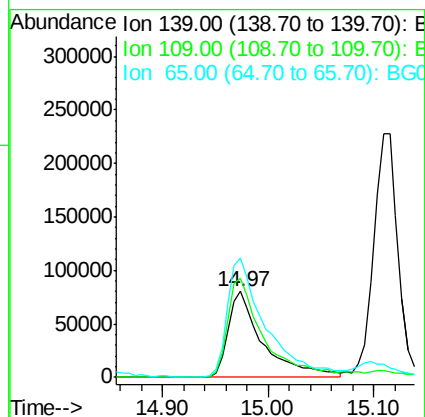
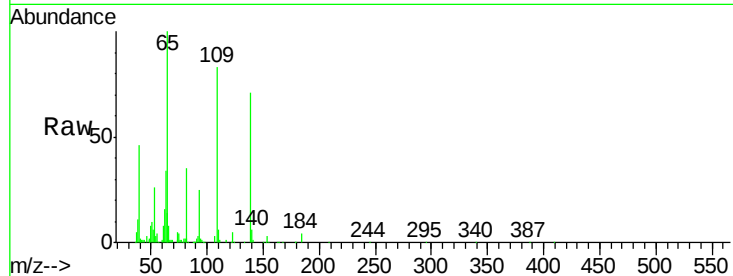




#55
4-Nitrophenol
Concen: 72.76 ng
RT: 14.97 min Scan# 2066
Delta R.T. -0.01 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

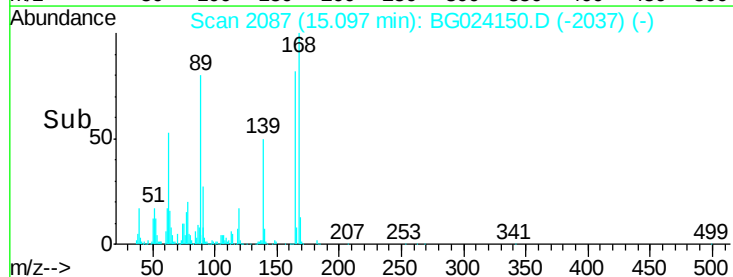
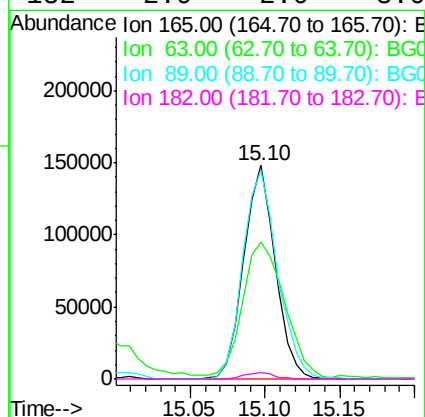
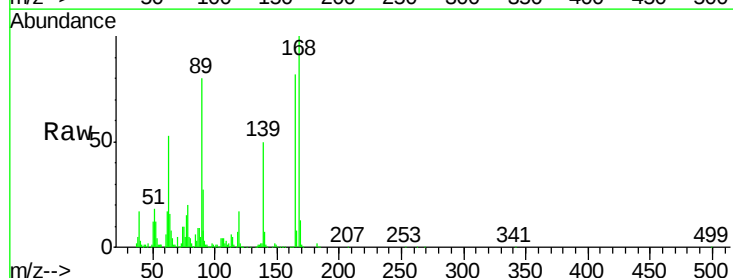
Instrument :
BNA_G
ClientSampleId :
PB93653BS

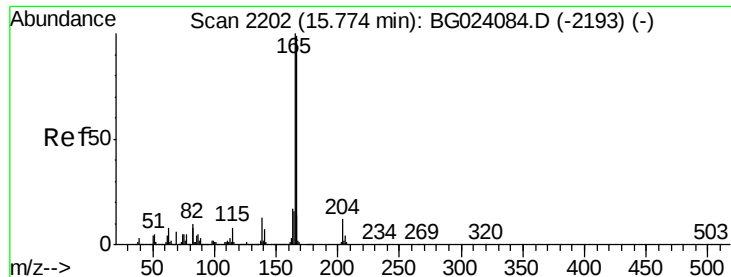
Tot Ion:139 Resp: 182463
Ion Ratio Lower Upper
139 100
109 116.2 103.0 143.0
65 140.1 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 44.75 ng
RT: 15.10 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

Tgt Ion:165 Resp: 216872
Ion Ratio Lower Upper
165 100
63 64.4 45.8 68.6
89 97.7 68.6 102.8
182 2.9 2.0 3.0





#57

Fluorene

Concen: 45.27 ng

RT: 15.77 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampleId :

PB93653BS

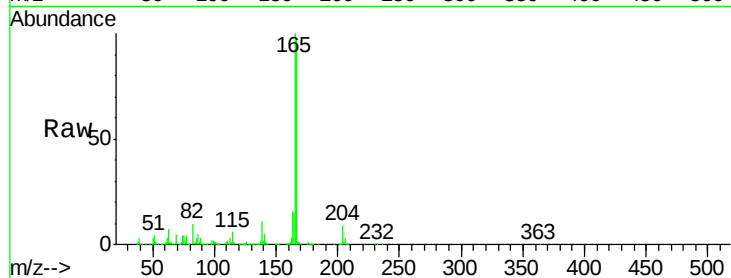
Tot Ion:166 Resp: 637388

Ion Ratio Lower Upper

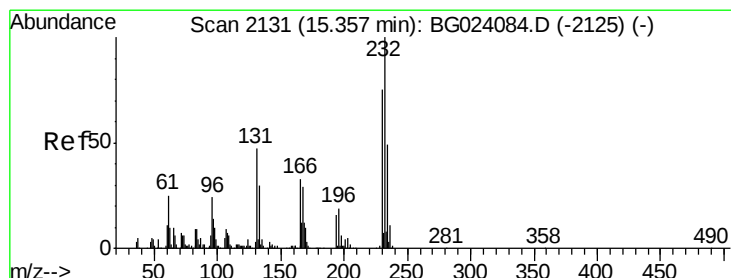
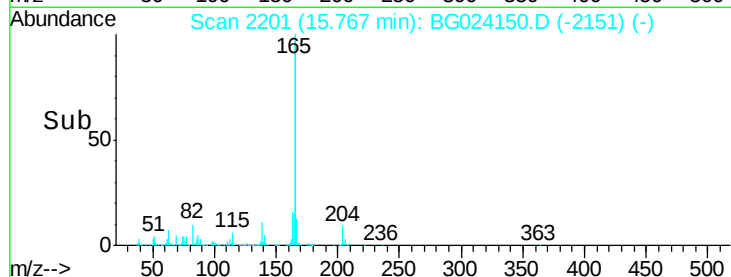
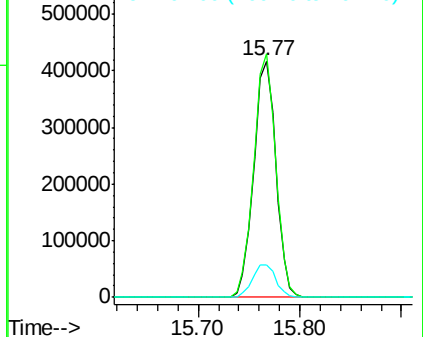
166 100

165 103.1 81.0 121.6

167 13.5 12.0 18.0



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: 47.49 ng

RT: 15.35 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Tgt Ion:232 Resp: 176091

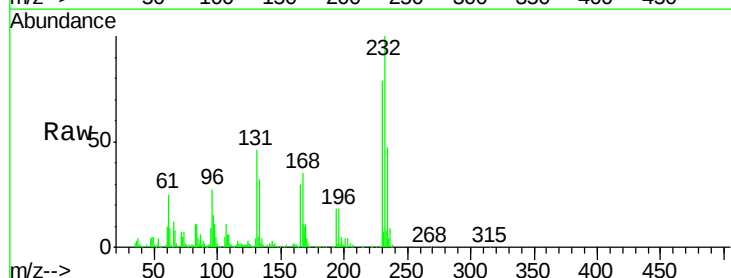
Ion Ratio Lower Upper

232 100

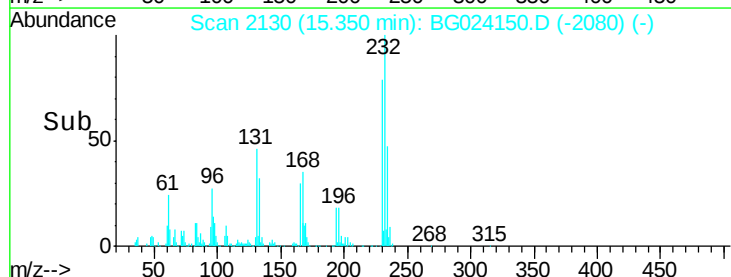
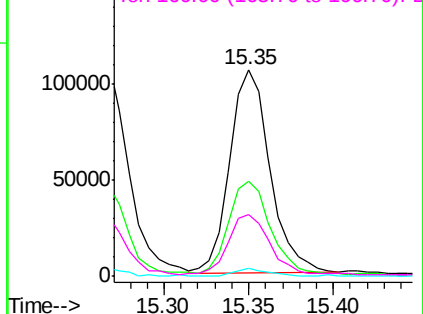
131 48.0 32.7 49.1

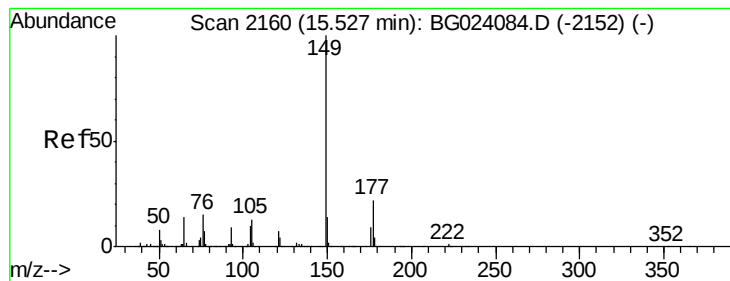
130 2.8 2.6 3.8

166 31.6 23.0 34.6



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: 44.06 ng

RT: 15.52 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampleId :

PB93653BS

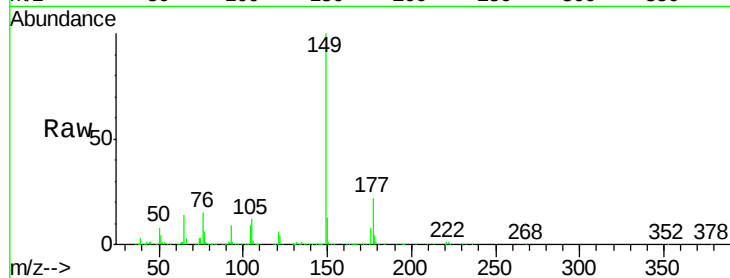
Tot Ion:149 Resp: 719342

Ion Ratio Lower Upper

149 100

177 22.4 19.2 28.8

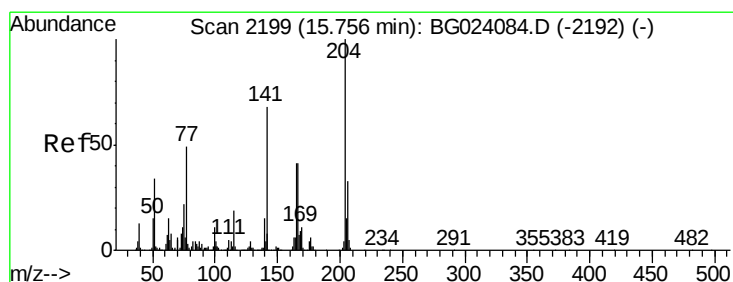
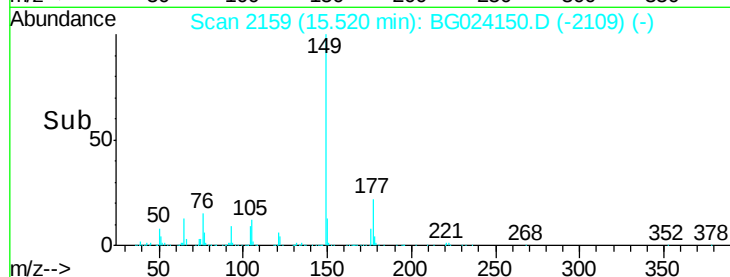
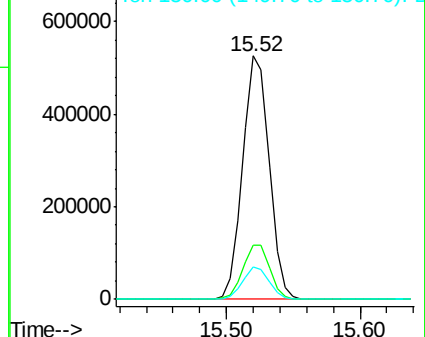
150 13.1 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.53 ng

RT: 15.75 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

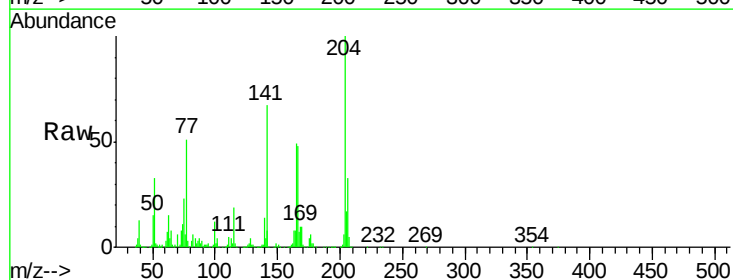
Tgt Ion:204 Resp: 335893

Ion Ratio Lower Upper

204 100

206 33.1 28.5 42.7

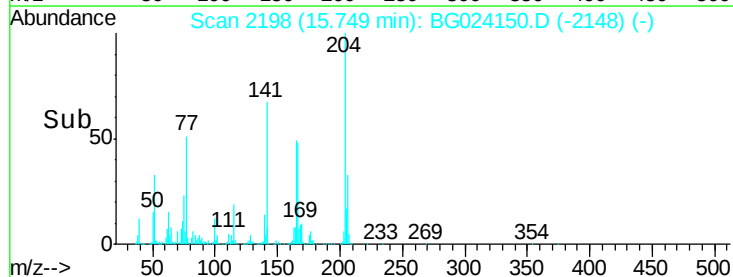
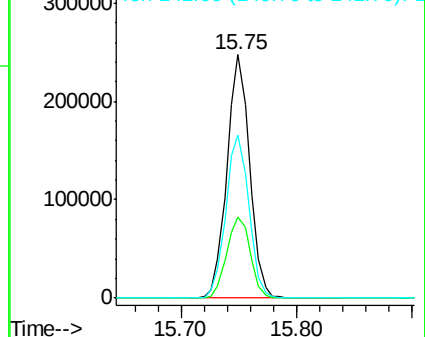
141 67.2 51.4 77.0

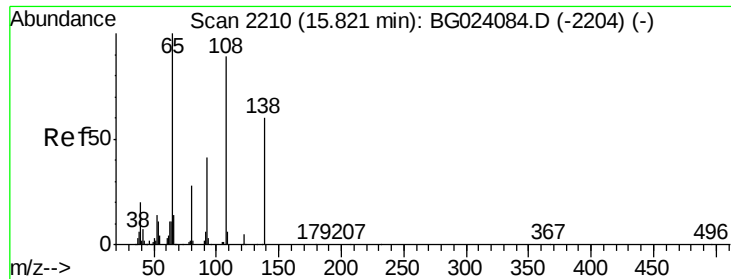


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

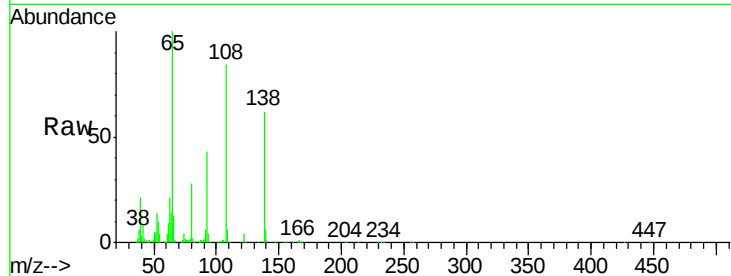




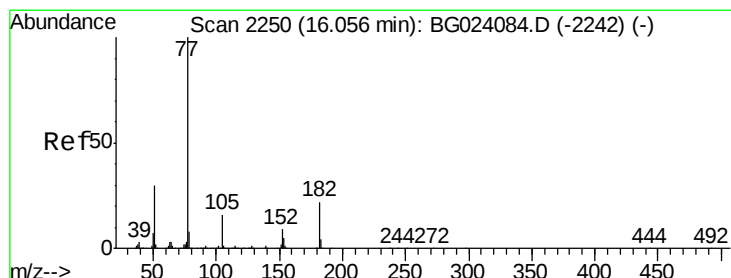
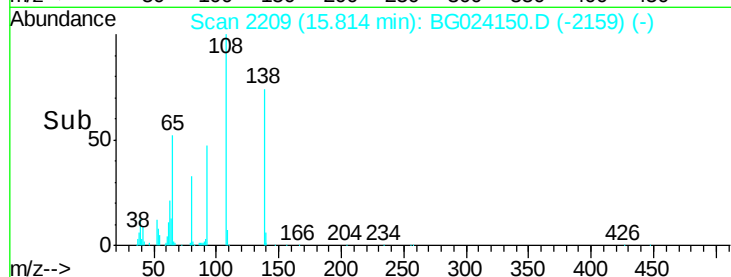
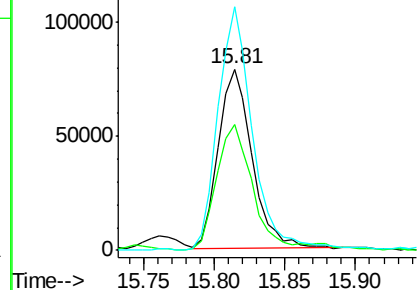
#61
4-Nitroaniline
Concen: 39.77 ng
RT: 15.81 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

Instrument :
BNA_G
ClientSampleId :
PB93653BS

Tot Ion:138 Resp: 131014
Ion Ratio Lower Upper
138 100
92 69.3 54.1 94.1
108 134.6 133.9 173.9

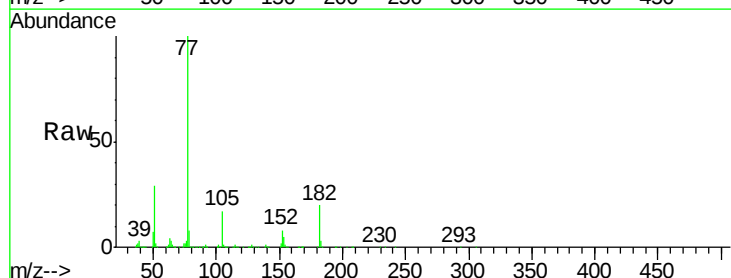


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

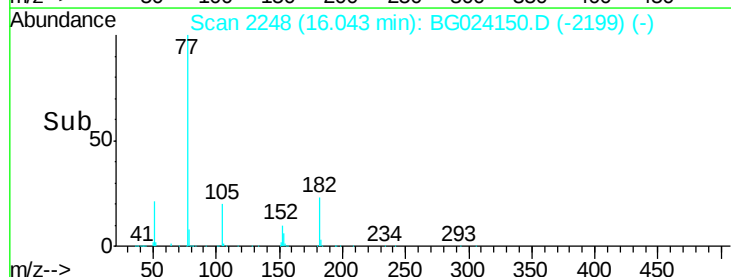
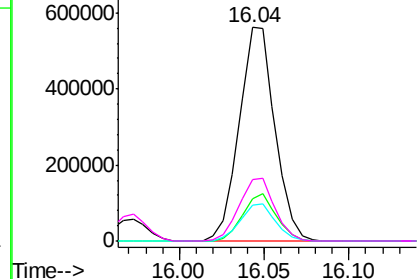


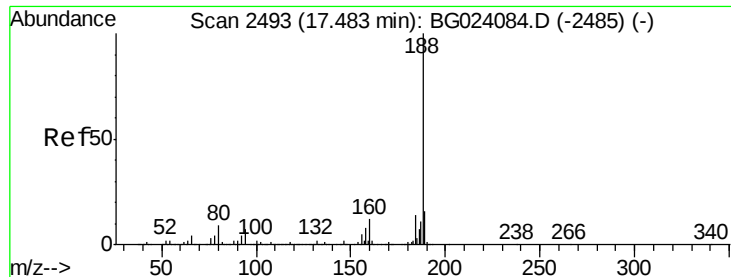
#62
Azobenzene
Concen: 49.60 ng
RT: 16.04 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

Tgt Ion: 77 Resp: 822792
Ion Ratio Lower Upper
77 100
182 19.7 3.5 43.5
105 17.0 0.0 38.5
51 28.5 17.1 57.1



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampleId :

PB93653BS

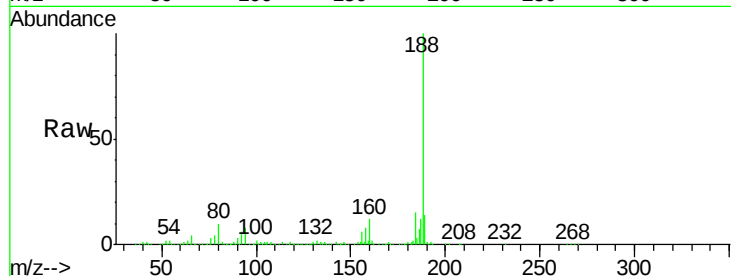
Tot Ion:188 Resp: 441970

Ion Ratio Lower Upper

188 100

94 8.2 5.2 7.8#

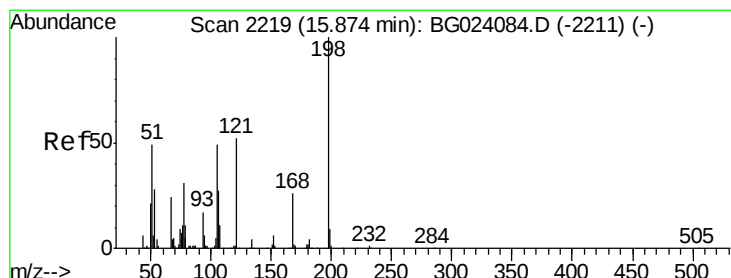
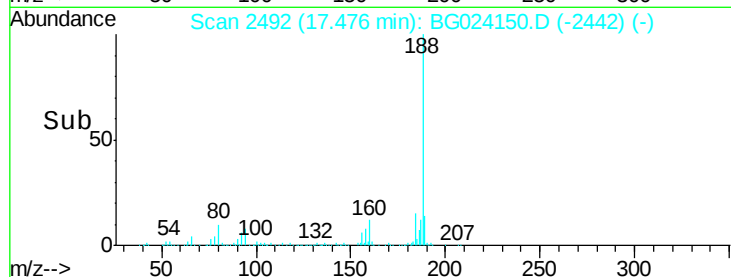
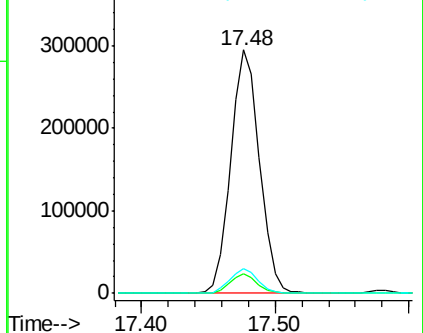
80 10.2 7.2 10.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 41.45 ng

RT: 15.87 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

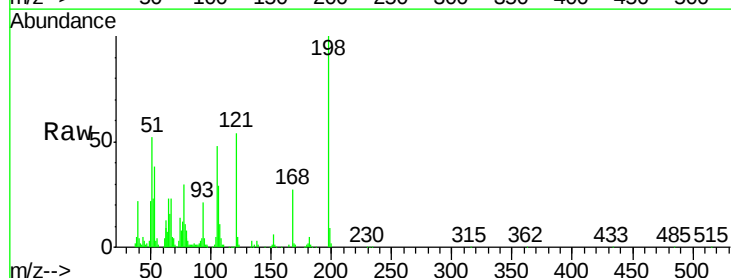
Tgt Ion:198 Resp: 127228

Ion Ratio Lower Upper

198 100

51 52.1 26.0 66.0

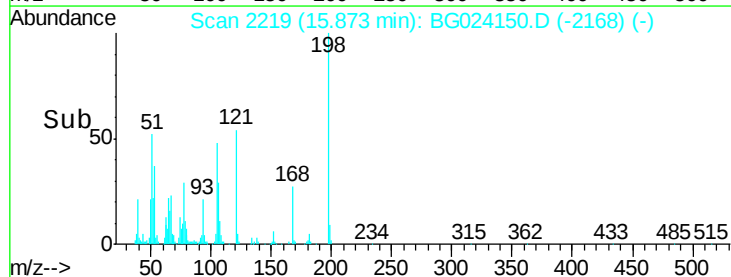
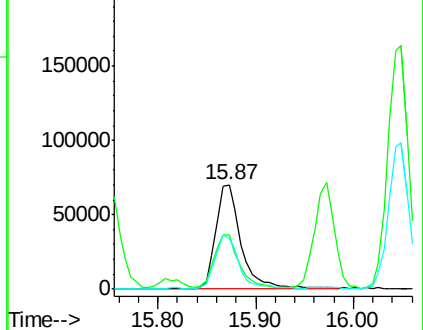
105 48.5 20.1 60.1

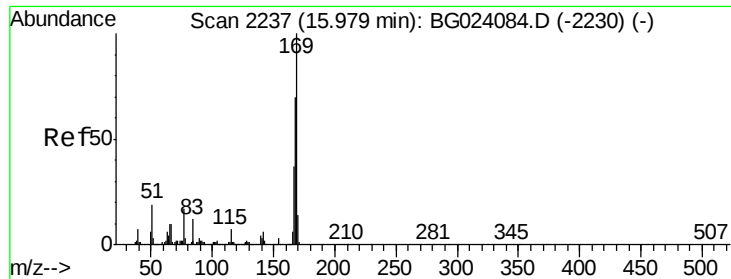


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.05 ng

RT: 15.97 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampleId :

PB93653BS

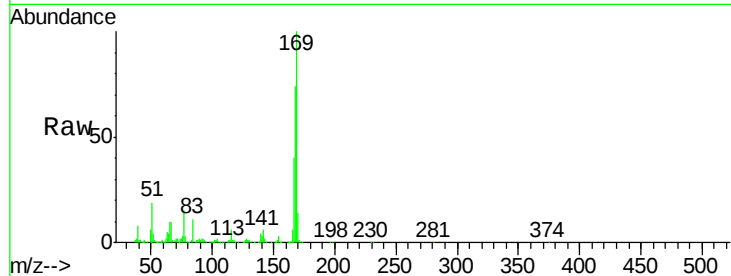
Tot Ion:169 Resp: 580888

Ion Ratio Lower Upper

169 100

168 74.4 55.0 82.4

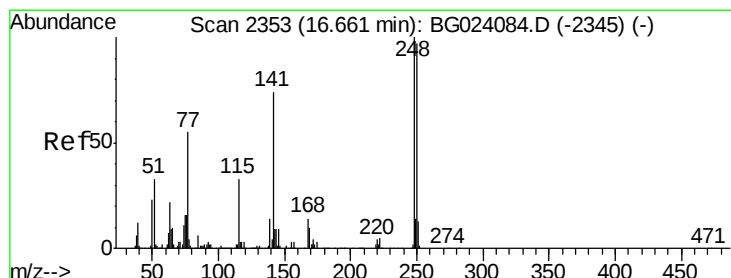
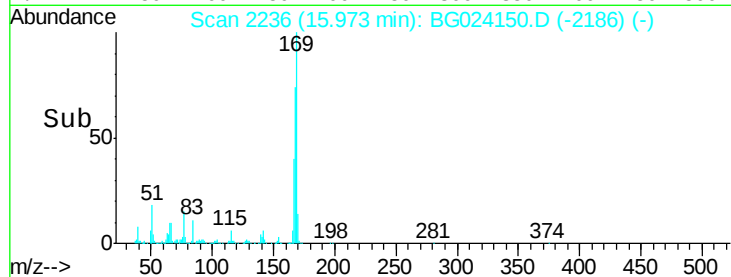
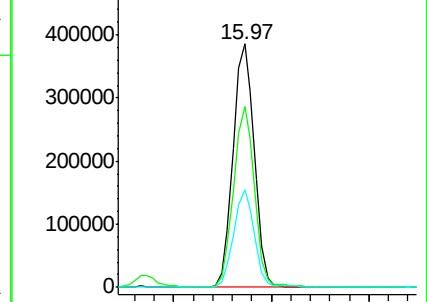
167 39.9 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.39 ng

RT: 16.65 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

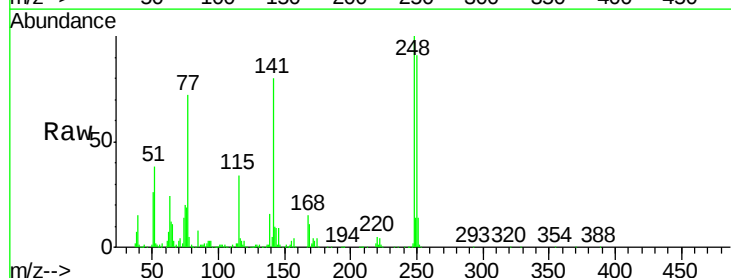
Tgt Ion:248 Resp: 237831

Ion Ratio Lower Upper

248 100

250 90.7 77.8 116.8

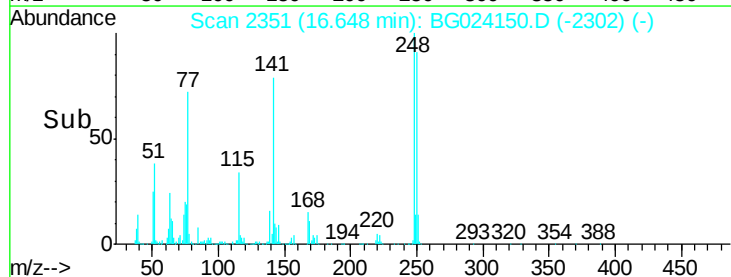
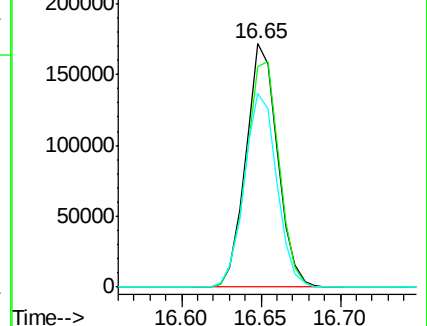
141 79.6 65.7 98.5

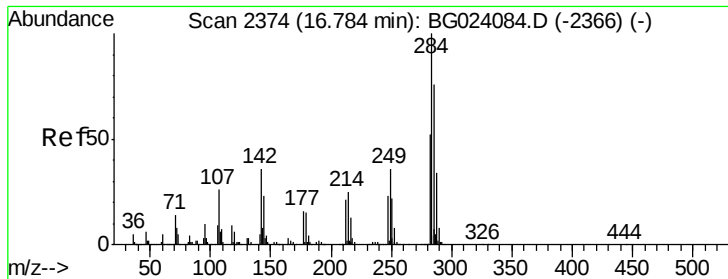


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.41 ng

RT: 16.78 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampleId :

PB93653BS

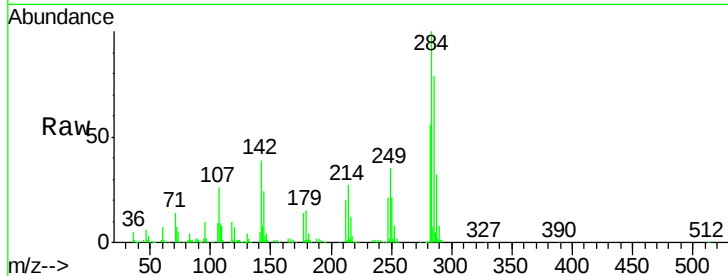
Tot Ion:284 Resp: 239216

Ion Ratio Lower Upper

284 100

142 38.8 26.8 40.2

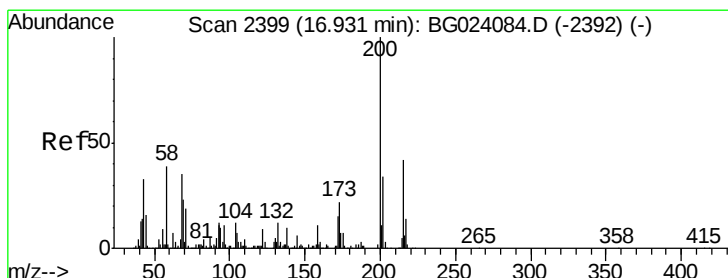
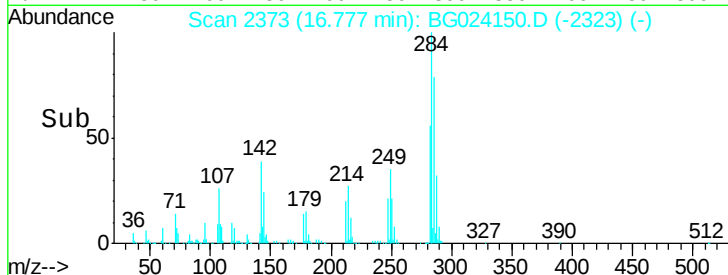
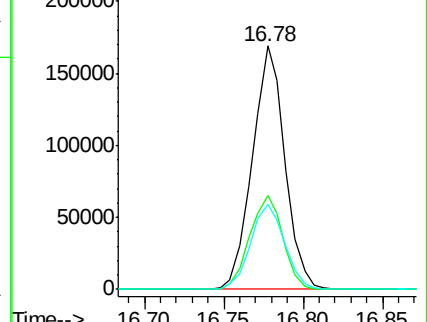
249 35.0 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.88 ng

RT: 16.92 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

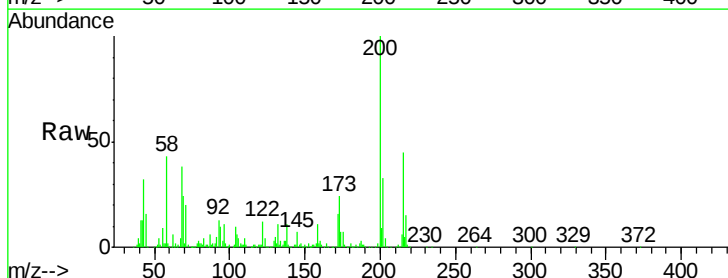
Tgt Ion:200 Resp: 244875

Ion Ratio Lower Upper

200 100

173 23.5 1.6 41.6

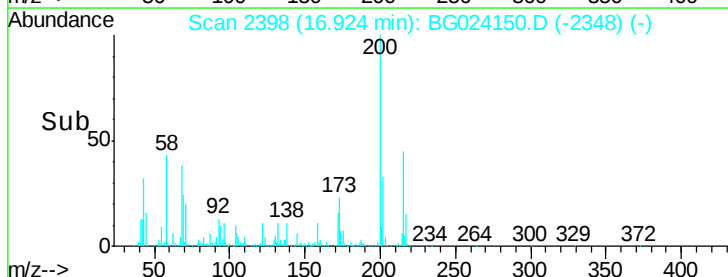
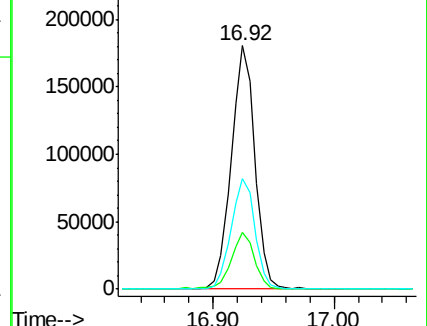
215 45.5 28.7 68.7

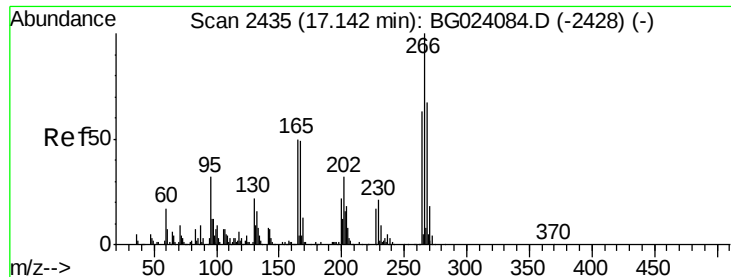


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

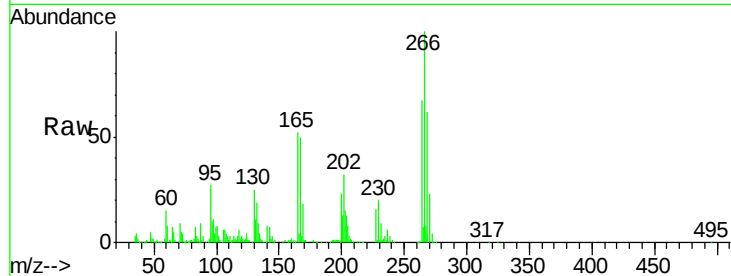




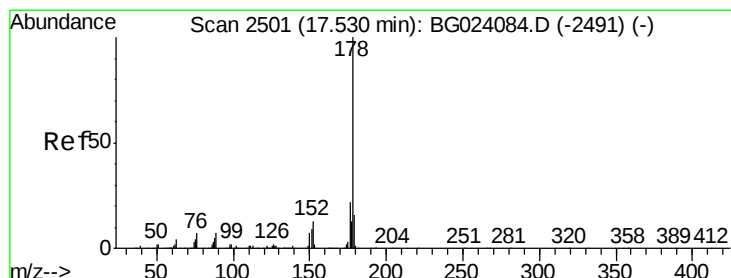
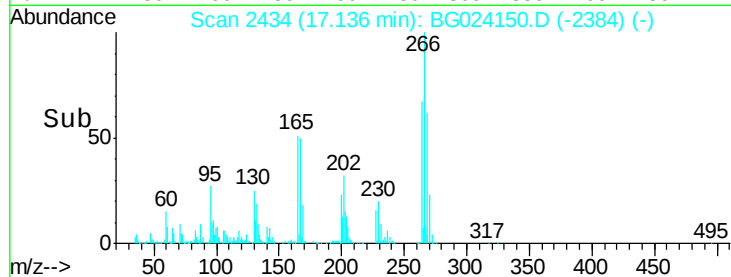
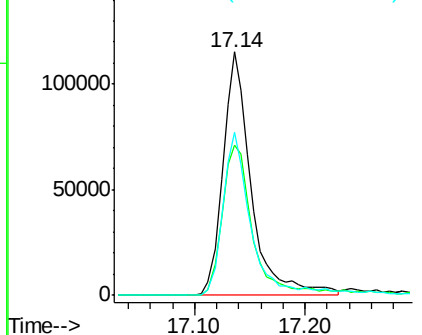
#69
 Pentachlorophenol
 Concen: 69.33 ng
 RT: 17.14 min Scan# 2434
 Delta R.T. -0.01 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB93653BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.9	77.9
264	66.8	50.6	75.8

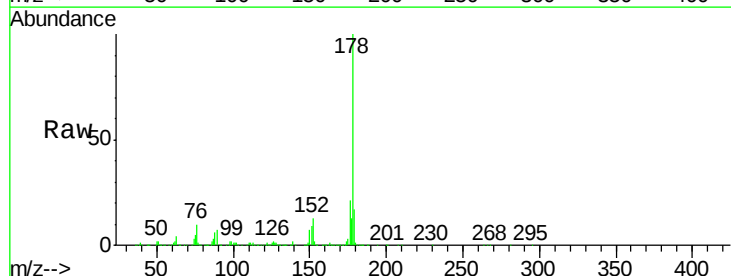


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

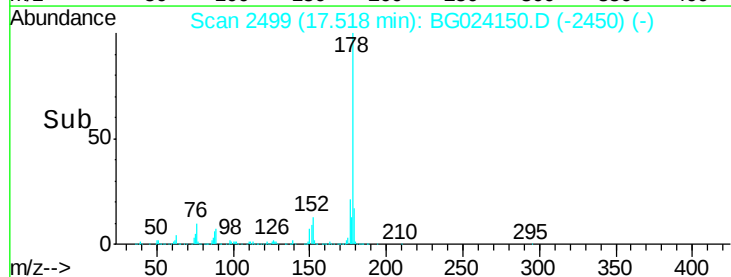
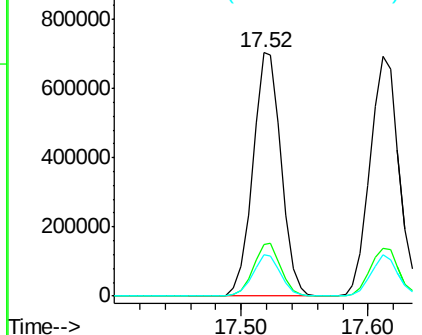


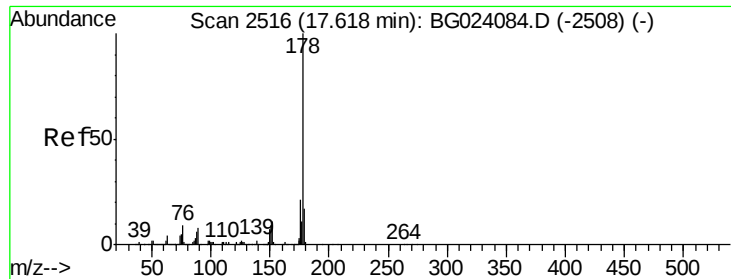
#70
 Phenanthrene
 Concen: 48.50 ng
 RT: 17.52 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.8	25.2
179	17.0	14.3	21.5



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

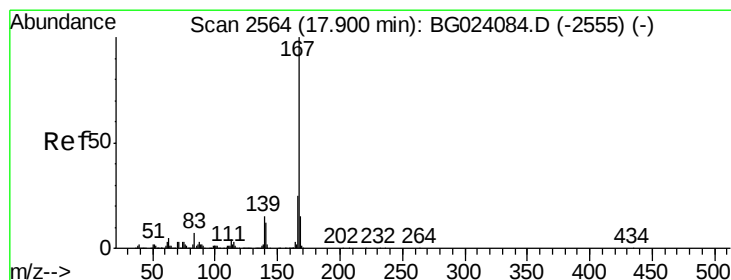
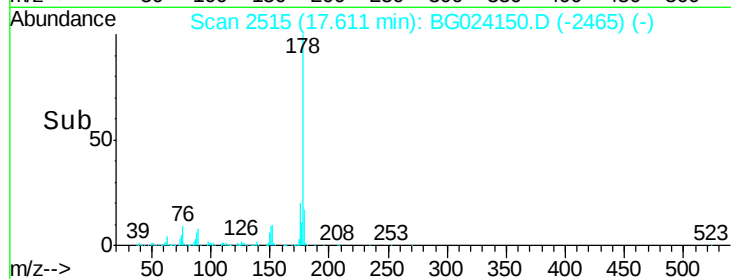
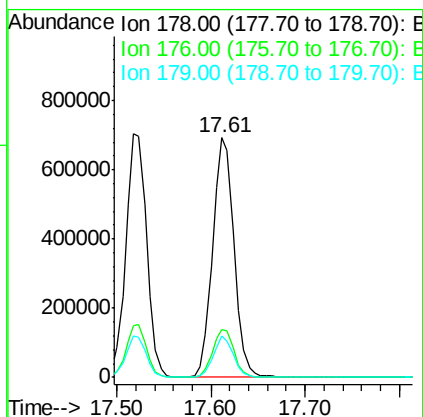
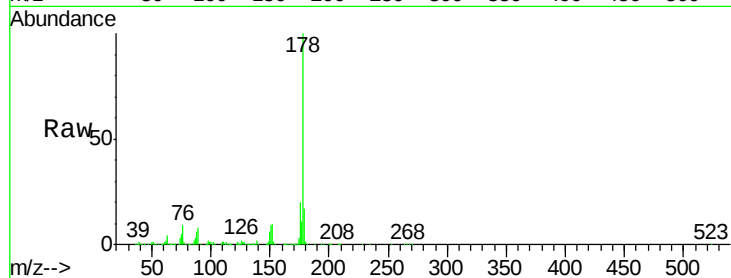




#71
 Anthracene
 Concen: 47.74 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

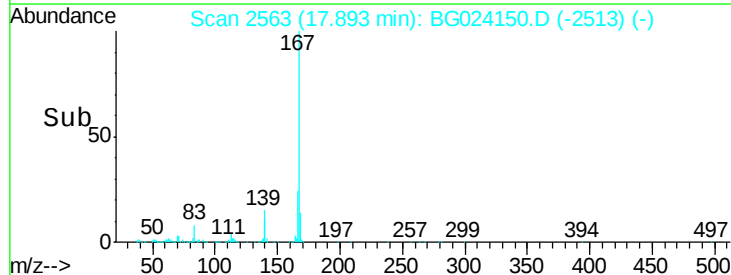
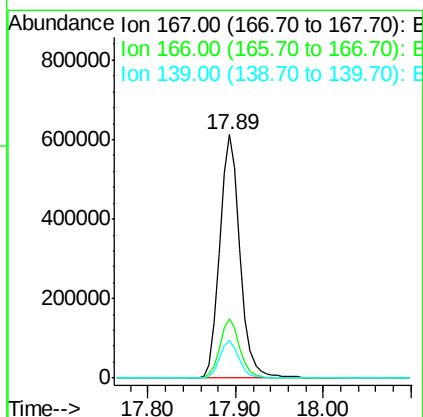
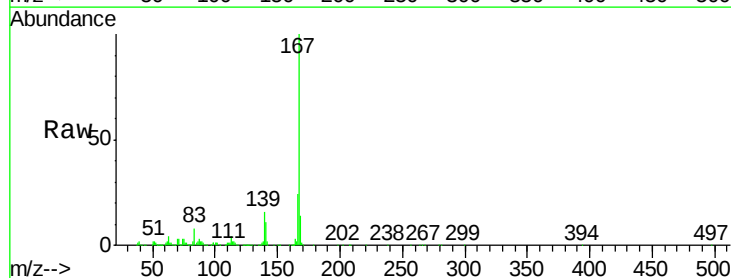
Instrument :
 BNA_G
 ClientSampleId :
 PB93653BS

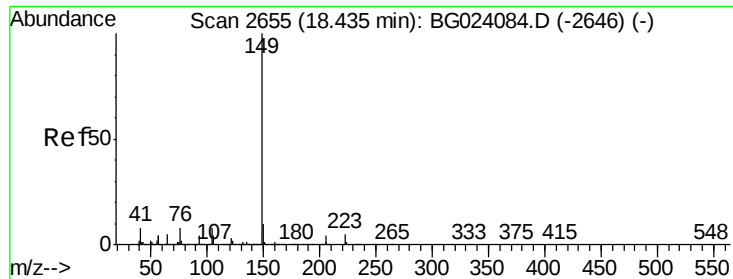
Tot Ion:178 Resp: 1104038
 Ion Ratio Lower Upper
 178 100
 176 20.1 17.3 25.9
 179 17.2 14.0 21.0



#72
 Carbazole
 Concen: 45.71 ng
 RT: 17.89 min Scan# 2563
 Delta R.T. -0.01 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

Tgt Ion:167 Resp: 984020
 Ion Ratio Lower Upper
 167 100
 166 24.4 20.7 31.1
 139 15.5 11.9 17.9





#73

Di-n-butylphthalate

Concen: 42.21 ng

RT: 18.42 min Scan# 2653

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampleId :

PB93653BS

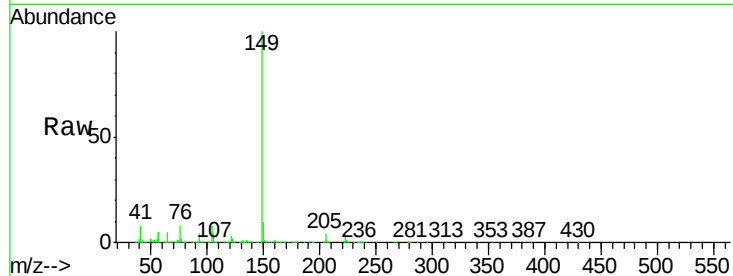
Tot Ion:149 Resp: 1189313

Ion Ratio Lower Upper

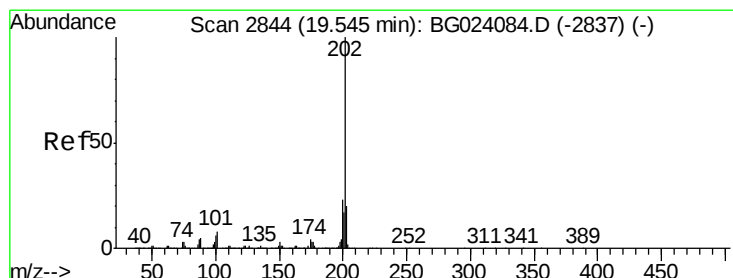
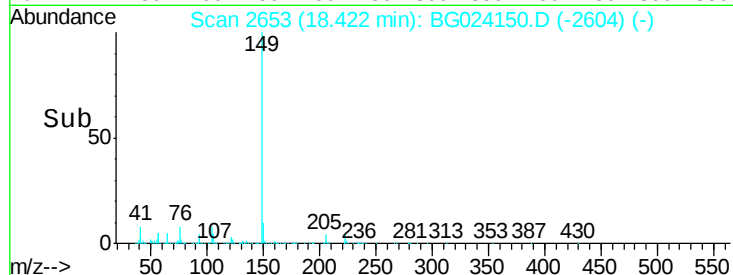
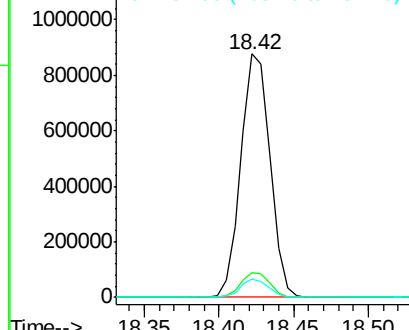
149 100

150 10.3 9.1 13.7

104 7.8 6.9 10.3



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



#74

Fluoranthene

Concen: 43.87 ng

RT: 19.54 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

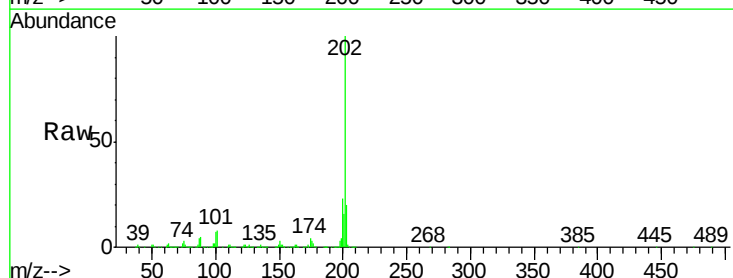
Tgt Ion:202 Resp: 1289329

Ion Ratio Lower Upper

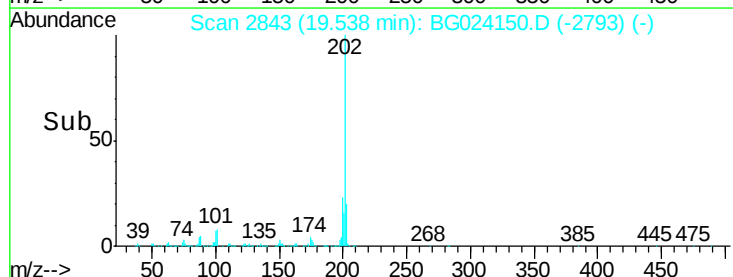
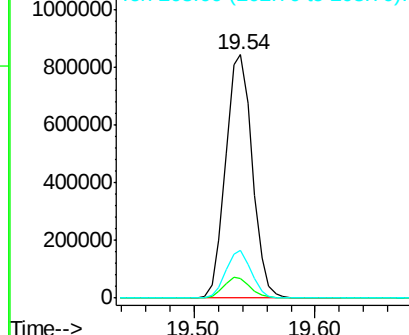
202 100

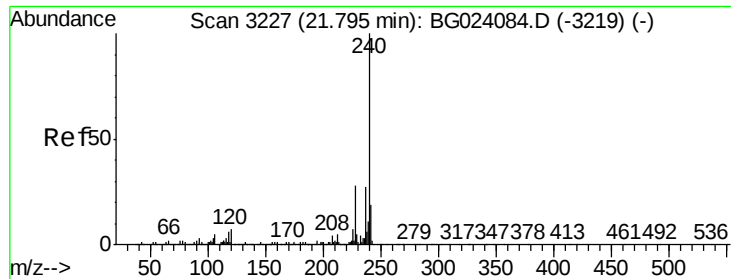
101 8.3 0.0 27.4

203 19.7 1.7 41.7



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampleId :

PB93653BS

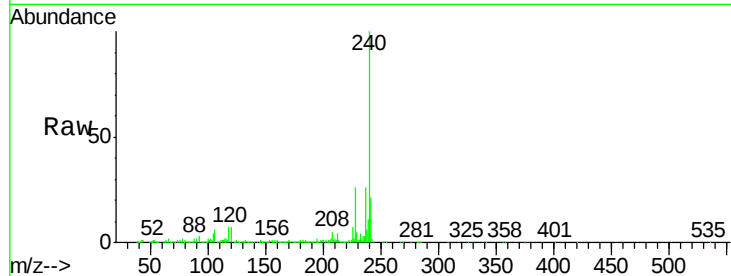
Tot Ion:240 Resp: 472278

Ion Ratio Lower Upper

240 100

120 6.7 4.1 6.1#

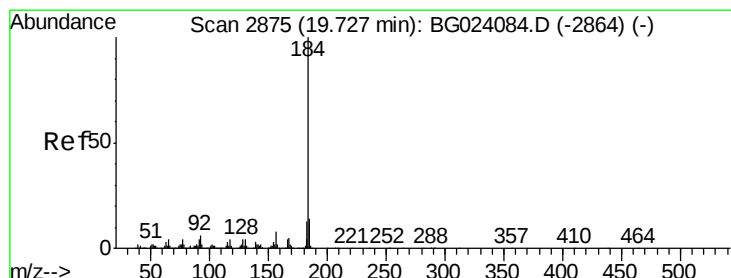
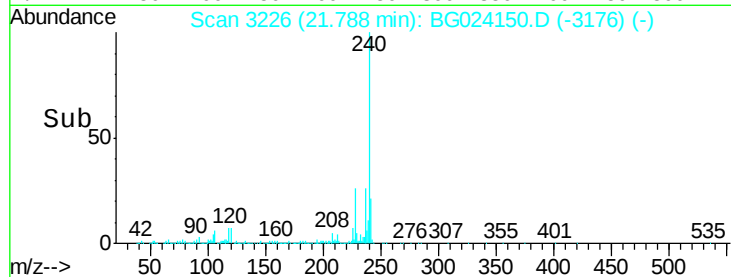
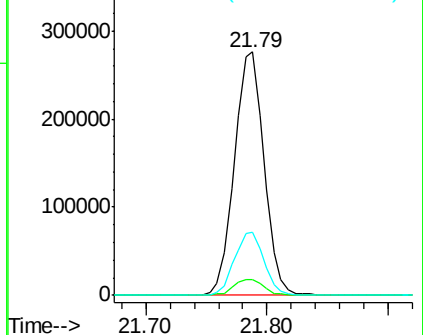
236 25.7 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.64 ng

RT: 19.73 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

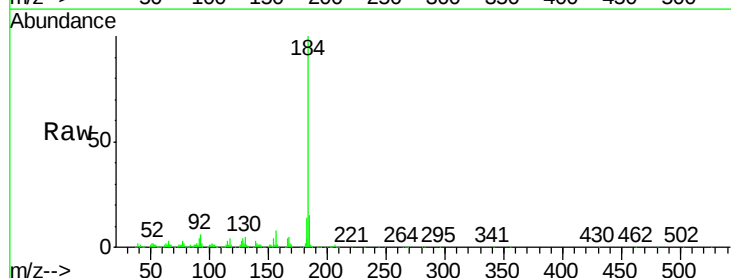
Tgt Ion:184 Resp: 489857

Ion Ratio Lower Upper

184 100

185 14.6 12.6 19.0

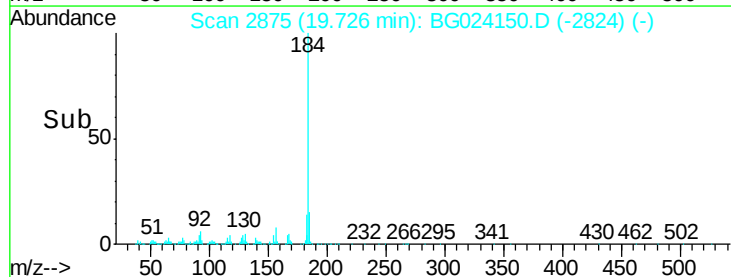
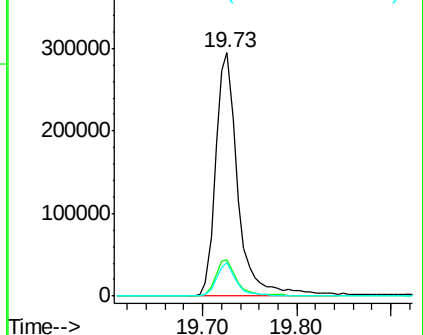
183 14.0 10.7 16.1

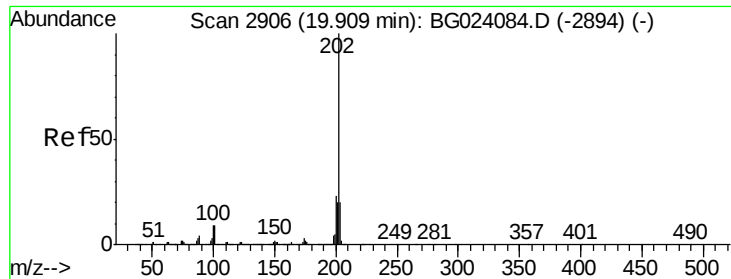


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

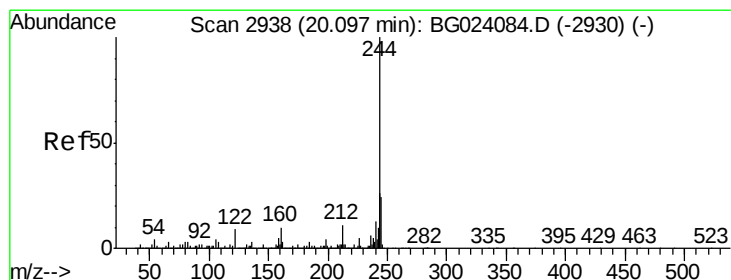
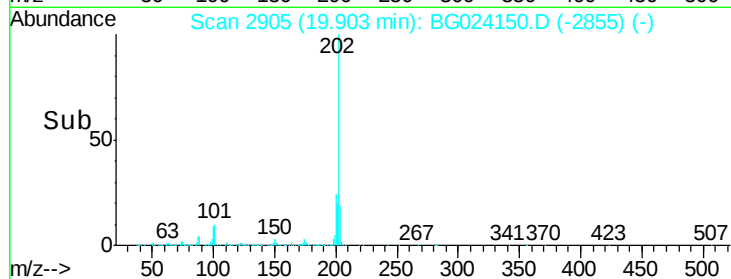
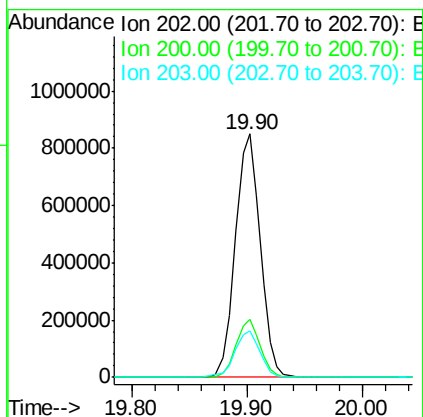
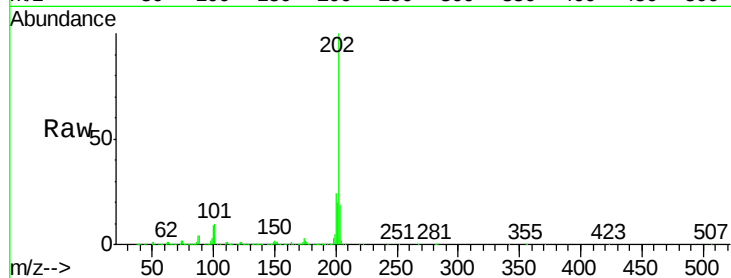




#77
Pvrene
Concen: 38.38 ng
RT: 19.90 min Scan# 2905
Delta R.T. -0.01 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

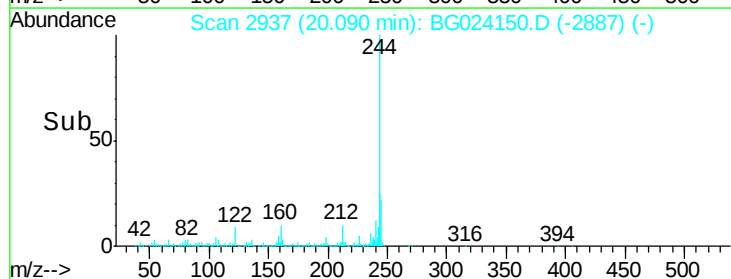
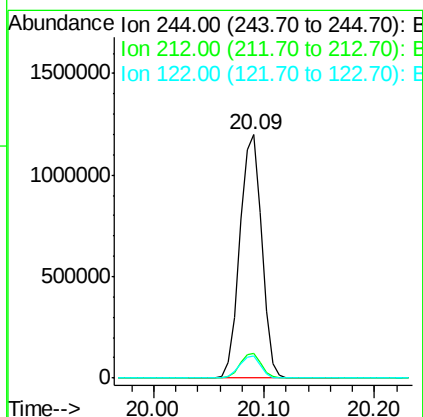
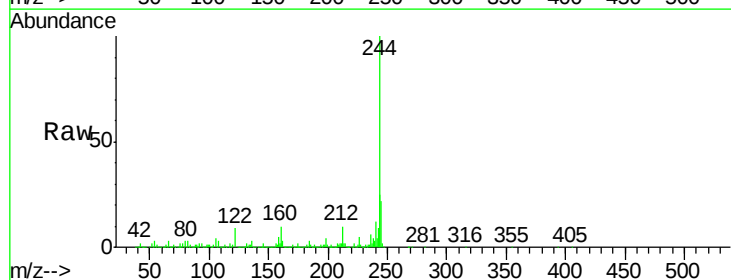
Instrument :
BNA_G
ClientSampleId :
PB93653BS

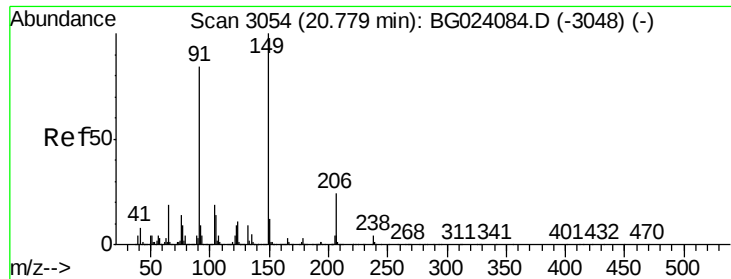
Tot Ion:202 Resp: 1265618
Ion Ratio Lower Upper
202 100
200 23.6 21.2 31.8
203 19.2 16.8 25.2



#78
Terphenyl-d14
Concen: 72.37 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.01 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

Tgt Ion:244 Resp: 1669242
Ion Ratio Lower Upper
244 100
212 10.0 10.8 16.2#
122 9.2 8.0 12.0





#79

Butylbenzylphthalate

Concen: 44.10 ng

RT: 20.77 min Scan# 3053

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampleId :

PB93653BS

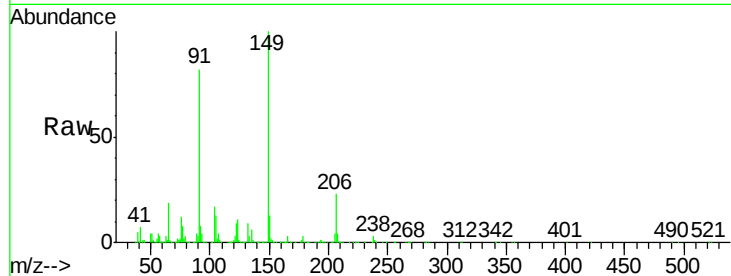
Tot Ion:149 Resp: 535589

Ion Ratio Lower Upper

149 100

91 81.9 68.1 102.1

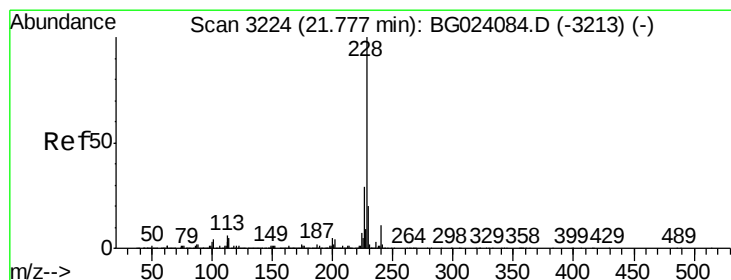
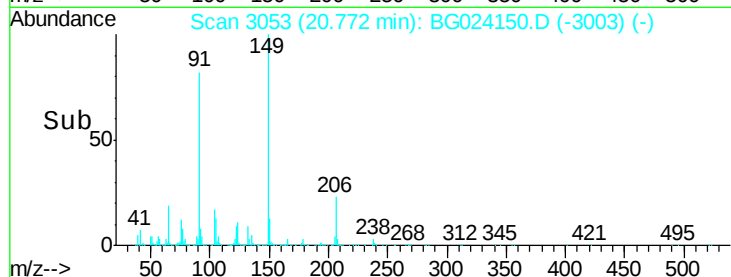
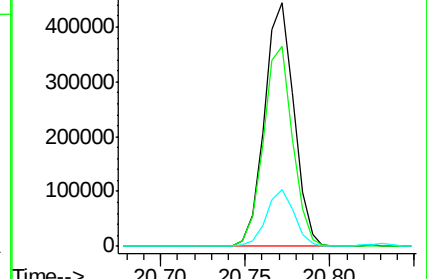
206 23.3 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.59 ng

RT: 21.76 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

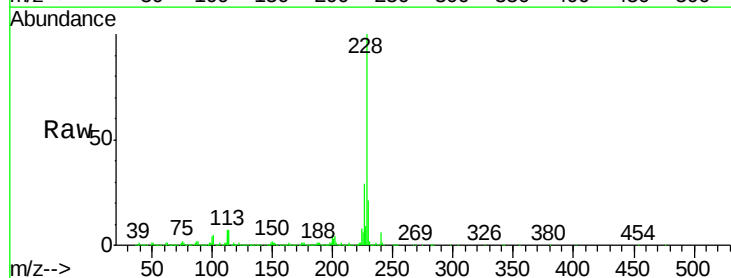
Tgt Ion:228 Resp: 1252522

Ion Ratio Lower Upper

228 100

226 28.9 25.3 37.9

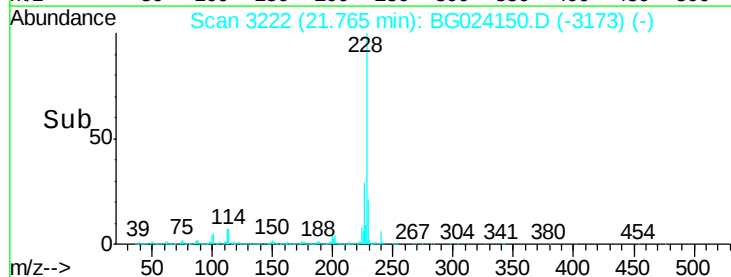
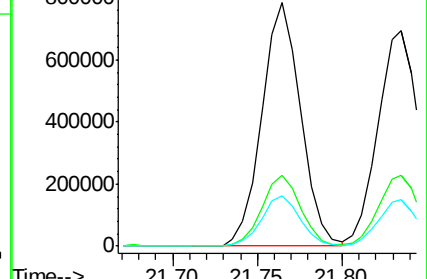
229 20.6 19.9 29.9

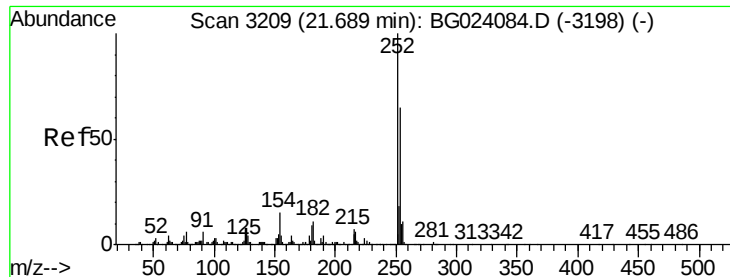


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

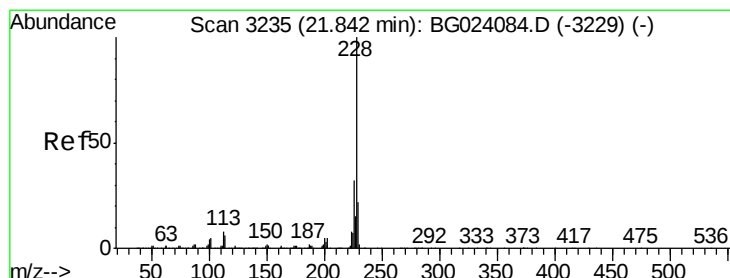
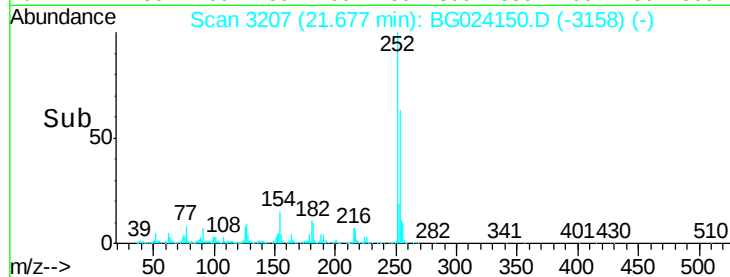
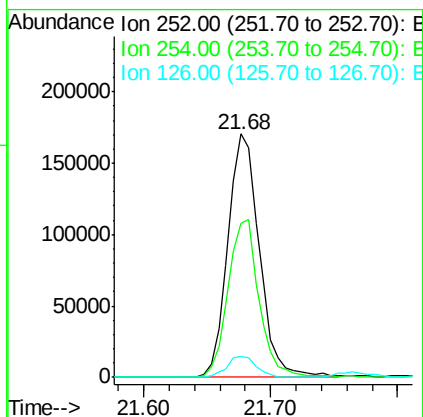
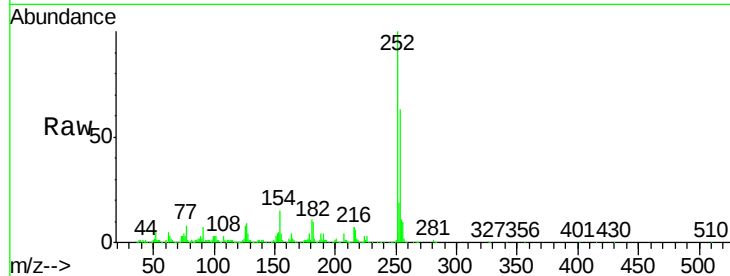




#81
 3,3'-Dichlorobenzidine
 Concen: 30.36 ng
 RT: 21.68 min Scan# 3207
 Delta R.T. -0.01 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

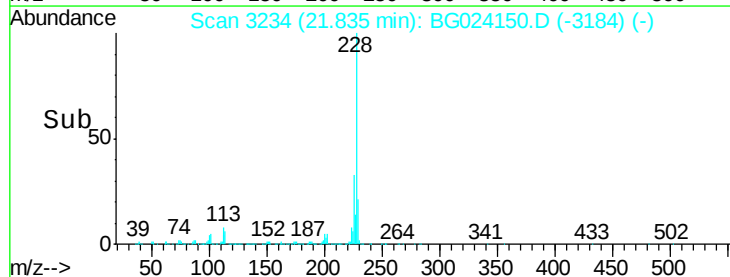
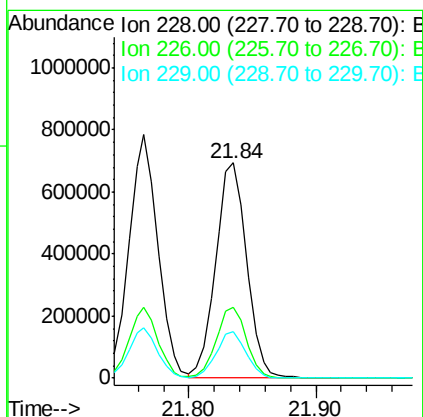
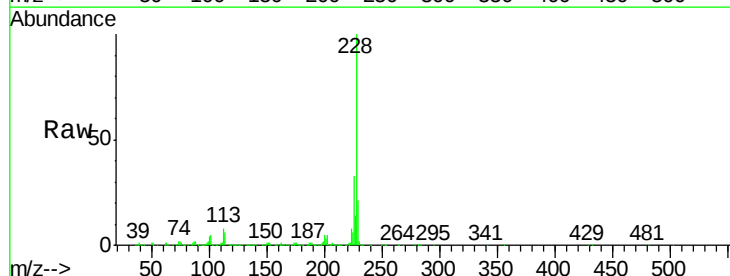
Instrument :
 BNA_G
 ClientSampleId :
 PB93653BS

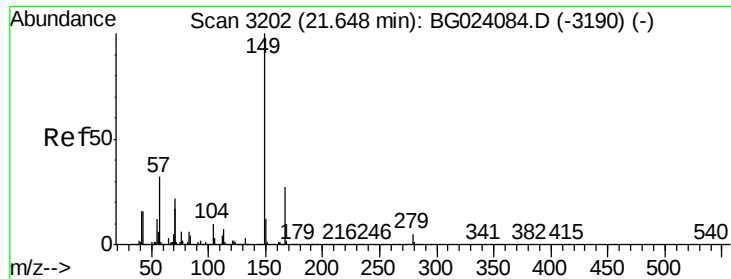
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.2	76.8
126	8.5	5.3	7.9



#82
 Chrysene
 Concen: 46.47 ng
 RT: 21.84 min Scan# 3234
 Delta R.T. -0.01 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	26.7	40.1
229	21.4	17.4	26.2

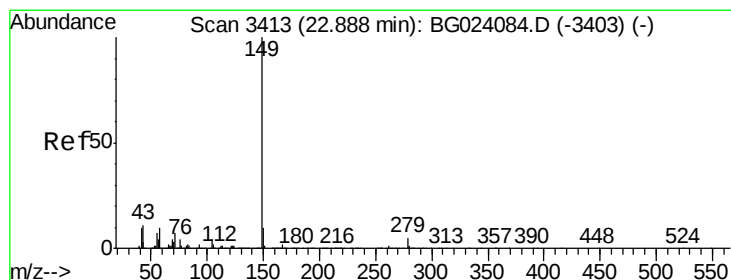
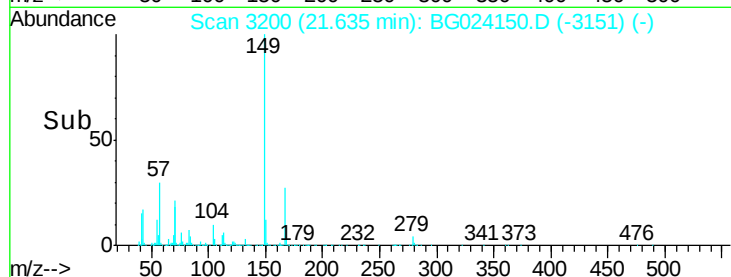
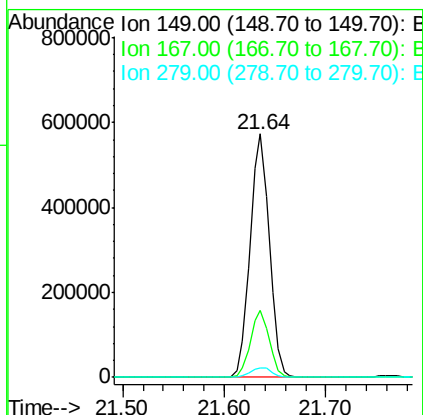
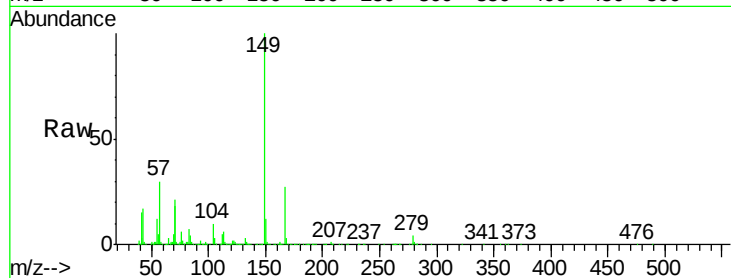




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.11 ng
 RT: 21.64 min Scan# 3200
 Delta R.T. -0.01 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

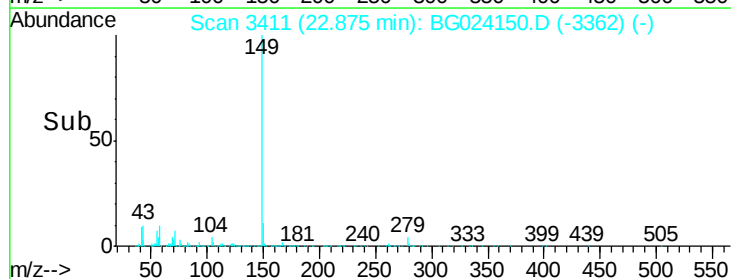
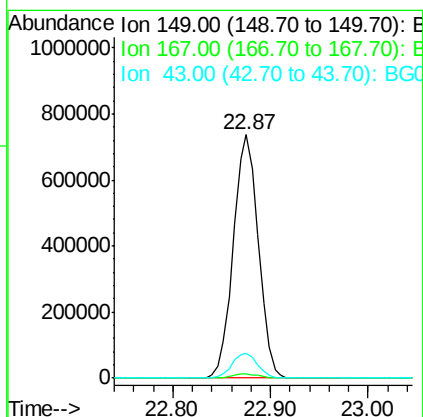
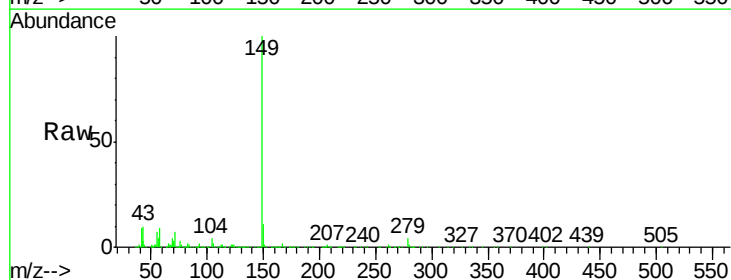
Instrument :
 BNA_G
 ClientSampleId :
 PB93653BS

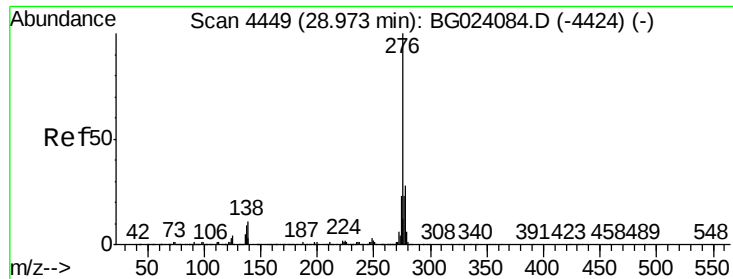
Tot Ion:149 Resp: 756096
 Ion Ratio Lower Upper
 149 100
 167 27.3 24.0 36.0
 279 3.9 4.8 7.2#



#84
 Di-n-octyl phthalate
 Concen: 52.04 ng
 RT: 22.87 min Scan# 3411
 Delta R.T. -0.01 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

Tgt Ion:149 Resp: 1302729
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.5 2.3
 43 10.4 8.8 13.2

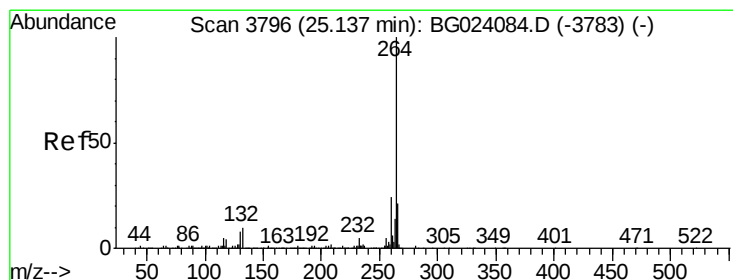
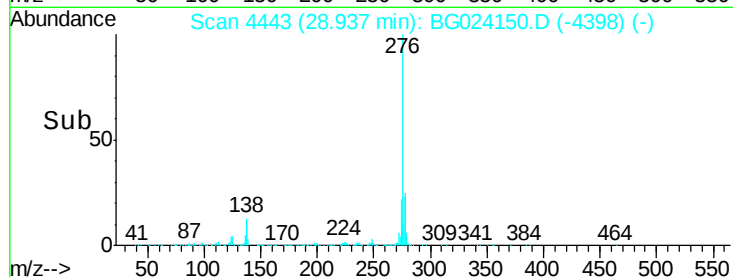
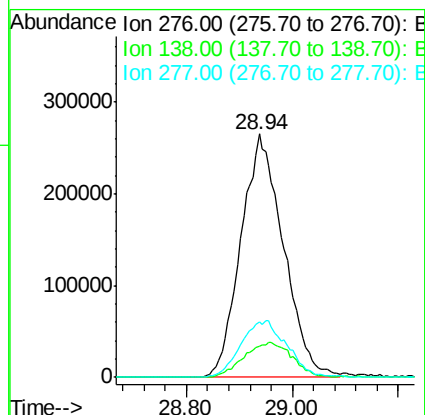
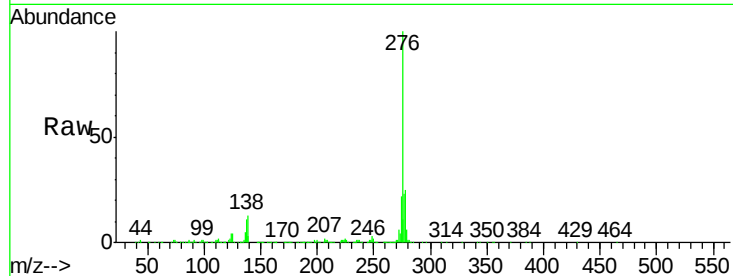




#85
Indeno(1,2,3-cd)pyrene
Concen: 52.35 ng
RT: 28.94 min Scan# 4443
Delta R.T. -0.04 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

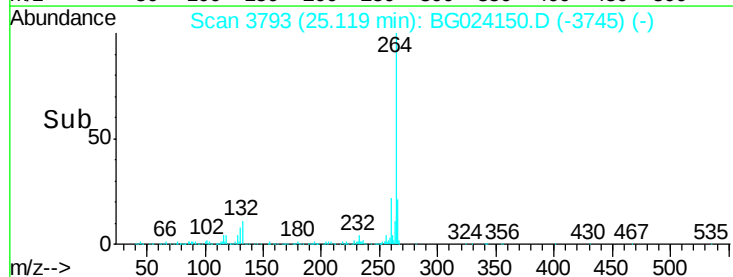
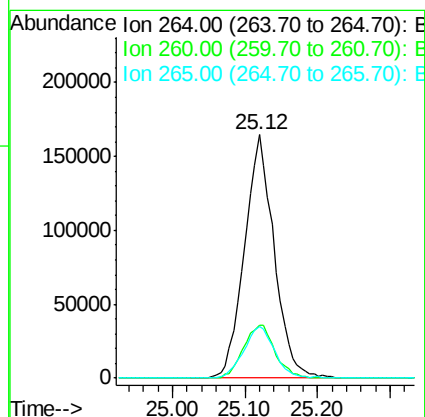
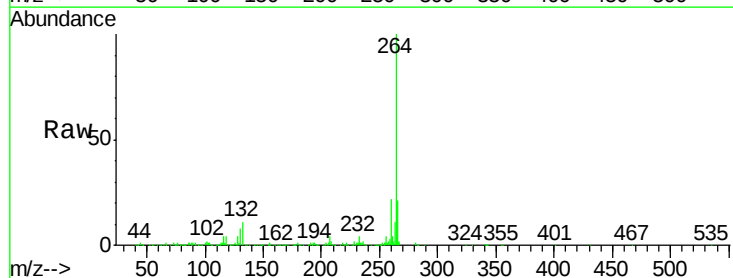
Instrument :
BNA_G
ClientSampleId :
PB93653BS

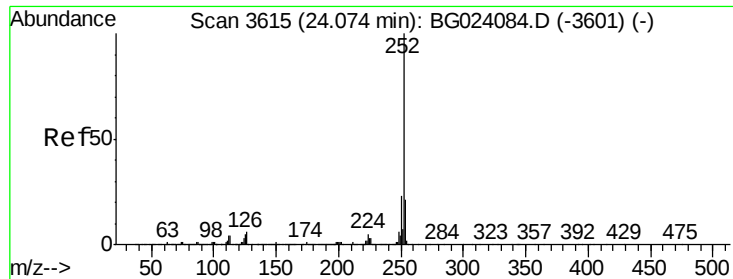
Tot Ion:276 Resp: 1475202
Ion Ratio Lower Upper
276 100
138 16.4 0.0 0.0#
277 25.3 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.12 min Scan# 3793
Delta R.T. -0.02 min
Lab File: BG024150.D
Acq: 28 Sep 2016 17:17

Tgt Ion:264 Resp: 467411
Ion Ratio Lower Upper
264 100
260 22.0 18.4 27.6
265 21.4 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 46.97 ng

RT: 24.05 min Scan# 3611

Delta R.T. -0.02 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

BNA_G

ClientSampleId :

PB93653BS

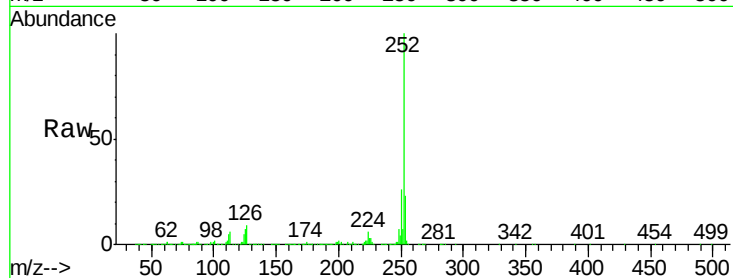
Tot Ion:252 Resp: 1277314

Ion Ratio Lower Upper

252 100

253 23.0 18.9 28.3

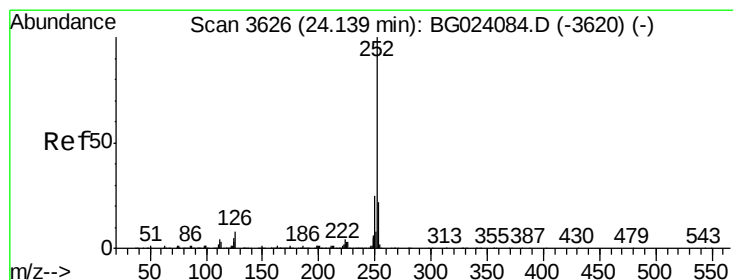
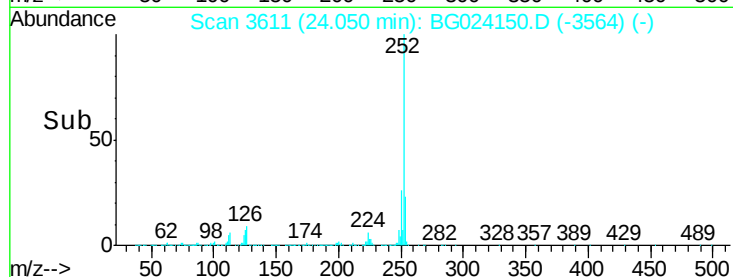
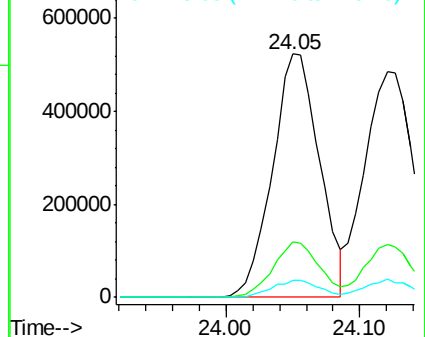
125 6.8 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.45 ng

RT: 24.12 min Scan# 3623

Delta R.T. -0.02 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

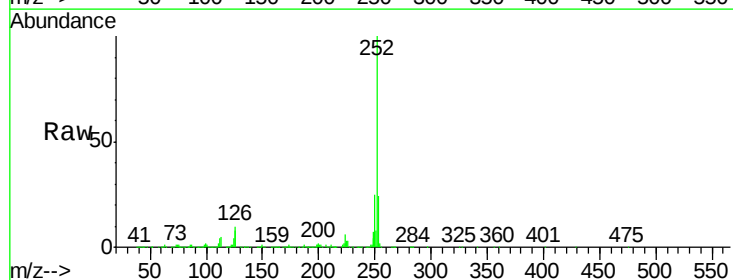
Tgt Ion:252 Resp: 1254395

Ion Ratio Lower Upper

252 100

253 23.6 18.8 28.2

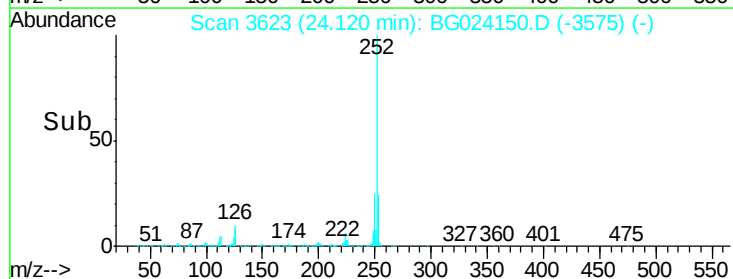
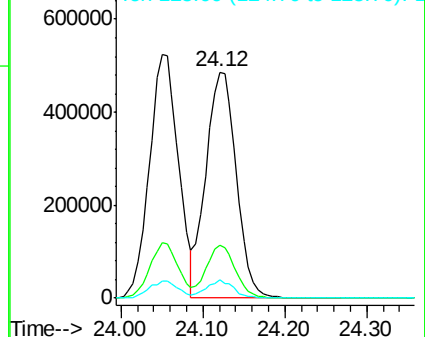
125 7.9 3.2 4.8#

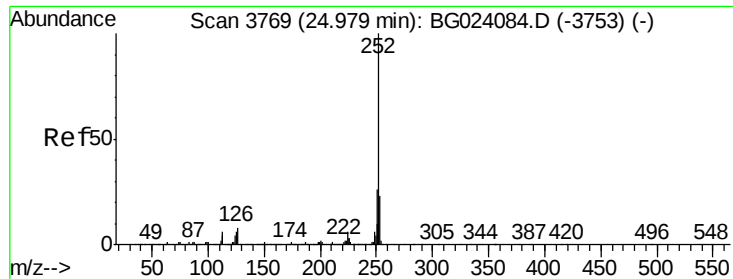


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.41 ng

RT: 24.96 min Scan# 3766

Delta R.T. -0.02 min

Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Instrument :

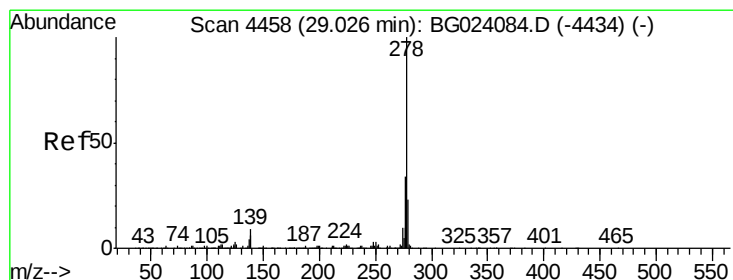
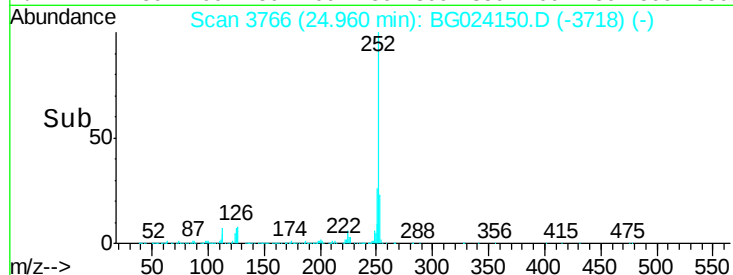
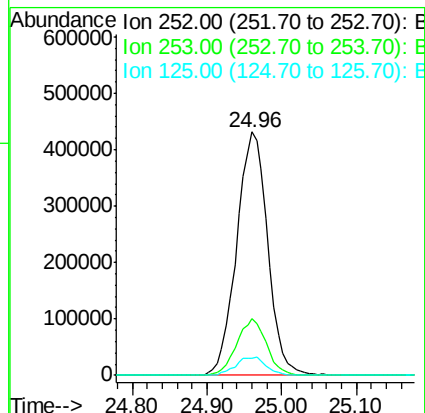
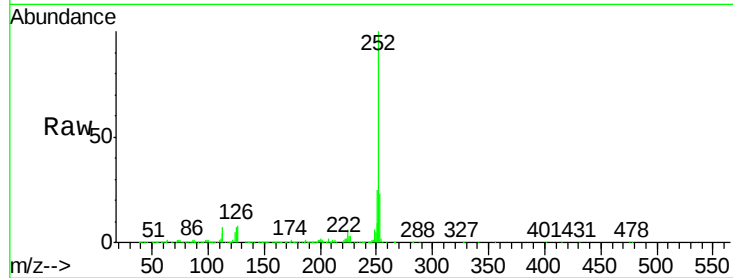
BNA_G

ClientSampleId :

PB93653BS

Tot Ion:252 Resp: 1246299

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.7	28.1
125	7.1	3.9	5.9



#90

Dibenzo(a,h)anthracene

Concen: 46.20 ng

RT: 28.99 min Scan# 4452

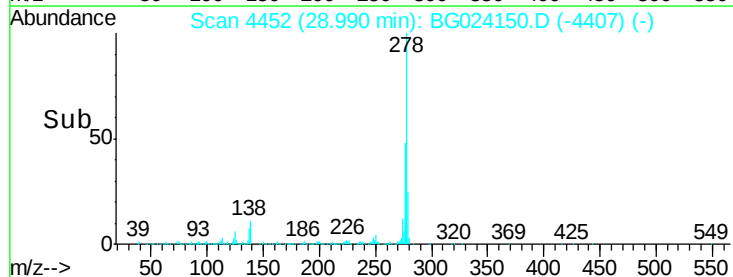
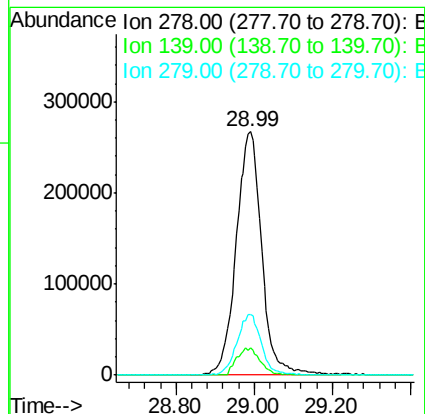
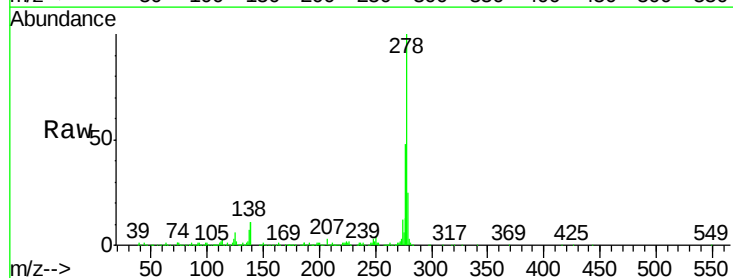
Delta R.T. -0.04 min

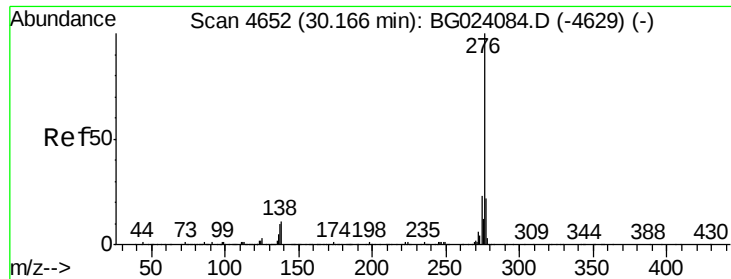
Lab File: BG024150.D

Acq: 28 Sep 2016 17:17

Tgt Ion:278 Resp: 1212786

Ion	Ratio	Lower	Upper
278	100		
139	11.5	4.7	7.1
279	24.7	18.3	27.5





#91
 Benzo(a,h,i)perylene
 Concen: 44.93 ng
 RT: 30.13 min Scan# 4646
 Delta R.T. -0.04 min
 Lab File: BG024150.D
 Acq: 28 Sep 2016 17:17

Instrument :
 BNA_G
 ClientSampleId :
 PB93653BS

Tot Ion:276 Resp: 1188145
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.6 27.8
 138 14.8 6.8 10.2#

