

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024016.D
 Acq On : 17 Sep 2016 5:35
 Operator : UM/SJ
 Sample : PB93419BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93419BS

Quant Time: Sep 17 06:30:11 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 04:50:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39997	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	189986	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	170601	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	394725	20.00	ng	0.00
75) Chrysene-d12	21.80	240	438178	20.00	ng	0.00
86) Perylene-d12	25.15	264	444703	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	360706	158.33	ng	0.00
7) Phenol-d6	7.22	99	547168	156.03	ng	0.00
23) Nitrobenzene-d5	9.23	82	414879	97.49	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	352952	114.83	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	917364	77.09	ng	0.00
78) Terphenyl-d14	20.10	244	1574700	81.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	35943	38.26	ng	96
3) Pyridine	3.86	79	114027	40.38	ng	96
4) n-Nitrosodimethylamine	3.78	42	71648	48.14	ng	# 93
6) Aniline	7.38	93	157129	33.76	ng	96
8) 2-Chlorophenol	7.62	128	132489	50.20	ng	99
9) Benzaldehyde	7.19	77	16851	6.76	ng	# 85
10) Phenol	7.25	94	189056	51.24	ng	92
11) bis(2-Chloroethyl)ether	7.46	93	121819	41.97	ng	90
12) 1,3-Dichlorobenzene	7.94	146	133919	43.35	ng	97
13) 1,4-Dichlorobenzene	8.09	146	136799	41.80	ng	91
14) 1,2-Dichlorobenzene	8.41	146	133596	43.49	ng	94
15) Benzyl Alcohol	8.30	79	178300	57.67	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	165070	42.43	ng	96
17) 2-Methylphenol	8.51	107	130429	52.48	ng	94
18) Hexachloroethane	9.14	117	57251	45.43	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	151153	48.79	ng	93
20) 3+4-Methylphenols	8.85	107	185017	53.41	ng	99
22) Acetophenone	8.89	105	209143	42.52	ng	# 98
24) Nitrobenzene	9.28	77	227003	49.61	ng	99
25) Isophorone	9.80	82	402461	48.77	ng	97
26) 2-Nitrophenol	10.00	139	83935	48.25	ng	91
27) 2,4-Dimethylphenol	10.05	122	149616	50.60	ng	94
28) bis(2-Chloroethoxy)methane	10.28	93	205354	49.28	ng	96
29) 2,4-Dichlorophenol	10.55	162	168334	53.74	ng	97
30) 1,2,4-Trichlorobenzene	10.74	180	157845	45.94	ng	97
31) Naphthalene	10.94	128	444829	45.44	ng	98
32) Benzoic acid	10.23	122	81103	33.78	ng	93
33) 4-Chloroaniline	11.06	127	73315	17.93	ng	94
34) Hexachlorobutadiene	11.21	225	123022	47.67	ng	93
35) Caprolactam	11.86	113	54466m	49.33	ng	
36) 4-Chloro-3-methylphenol	12.19	107	213317	50.96	ng	95
37) 2-Methylnaphthalene	12.54	142	358444	48.13	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	201570	35.60	ng	97
40) Hexachlorocyclopentadiene	12.88	237	246704	72.99	ng	99

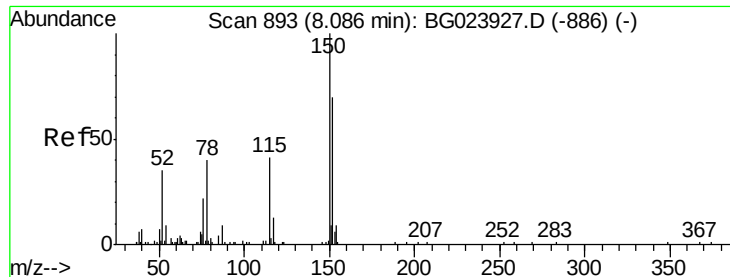
Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024016.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	161015	42.61	nq	96
43) 2,4,5-Trichlorophenol	13.25	196	158544	41.50	nq	94
45) 1,1'-Biphenyl	13.56	154	462736	33.72	nq	99
46) 2-Chloronaphthalene	13.60	162	405565	40.26	nq	97
47) 2-Nitroaniline	13.82	65	188014	47.38	nq	97
48) Acenaphthylene	14.45	152	664430	39.57	nq	97
49) Dimethylphthalate	14.18	163	591159	40.41	nq	99
50) 2,6-Dinitrotoluene	14.31	165	128301	41.55	nq	91
51) Acenaphthene	14.79	154	411064	39.60	nq	97
52) 3-Nitroaniline	14.65	138	72670	25.16	nq	81
53) 2,4-Dinitrophenol	14.87	184	151048	67.97	nq	# 90
54) Dibenzofuran	15.13	168	694089	42.84	nq	99
55) 4-Nitrophenol	14.98	139	165153	71.86	nq	86
56) 2,4-Dinitrotoluene	15.11	165	193444	42.62	nq	# 85
57) Fluorene	15.78	166	578157	41.15	nq	93
58) 2,3,4,6-Tetrachlorophenol	15.36	232	182743	47.13	nq	97
59) Diethylphthalate	15.54	149	625846	40.07	nq	99
60) 4-Chlorophenyl-phenylether	15.76	204	315257	41.68	nq	99
61) 4-Nitroaniline	15.83	138	111026	38.02	nq	94
62) Azobenzene	16.06	77	724081	47.87	nq	96
64) 4,6-Dinitro-2-methylphenol	15.88	198	119474	43.60	nq	92
65) n-Nitrosodiphenylamine	15.99	169	526801	46.99	nq	94
66) 4-Bromophenyl-phenylether	16.67	248	229735	47.84	nq	97
67) Hexachlorobenzene	16.79	284	245790	43.64	nq	95
68) Atrazine	16.94	200	221741	45.97	nq	97
69) Pentachlorophenol	17.15	266	240517	80.40	nq	98
70) Phenanthrene	17.54	178	981507	47.80	nq	98
71) Anthracene	17.63	178	991303	47.33	nq	98
72) Carbazole	17.91	167	866818	45.60	nq	98
73) Di-n-butylphthalate	18.44	149	1049746	46.29	nq	98
74) Fluoranthene	19.55	202	1160187	46.93	nq	95
76) Benzidine	19.74	184	343479	25.31	nq	98
77) Pyrene	19.92	202	1157670	42.96	nq	94
79) Butylbenzylphthalate	20.79	149	472277	45.46	nq	98
80) Benzo(a)anthracene	21.78	228	1164694	47.48	nq	94
81) 3,3'-Dichlorobenzidine	21.70	252	279681	28.53	nq	# 100
82) Chrysene	21.85	228	1091079	46.73	nq	96
83) Bis(2-ethylhexyl)phthalate	21.66	149	659334	46.35	nq	95
84) Di-n-octyl phthalate	22.90	149	1144120	49.04	nq	100
85) Indeno(1,2,3-cd)pyrene	28.98	276	1405509	54.37	nq	# 100
87) Benzo(b)fluoranthene	24.08	252	1224715m	48.48	nq	
88) Benzo(k)fluoranthene	24.15	252	1183639	47.25	nq	# 98
89) Benzo(a)pyrene	24.99	252	1193909	49.77	nq	97
90) Dibenzo(a,h)anthracene	29.03	278	1151038	48.79	nq	# 93
91) Benzo(g,h,i)perylene	30.17	276	1150967	50.73	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

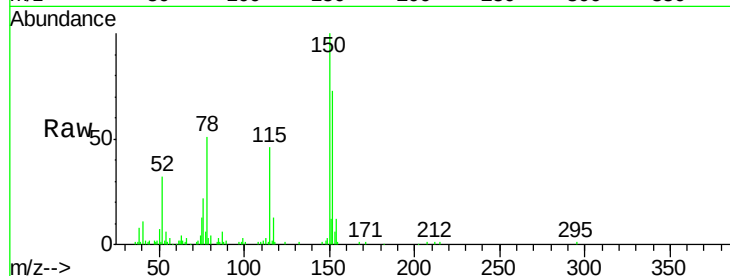
Tot Ion:152 Resp: 39997

Ion Ratio Lower Upper

152 100

150 137.6 144.7 217.1#

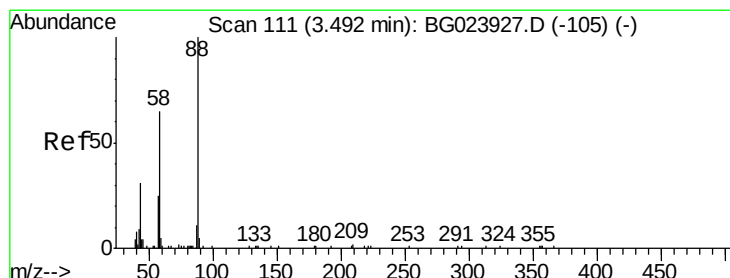
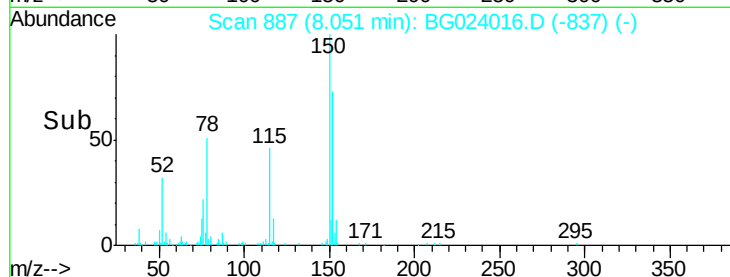
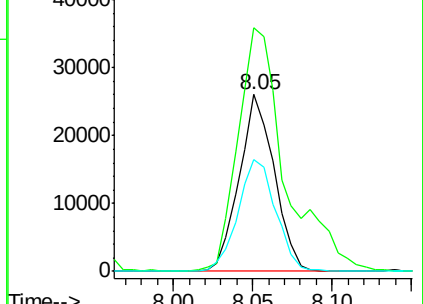
115 62.9 64.0 96.0#



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: 38.26 ng

RT: 3.45 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

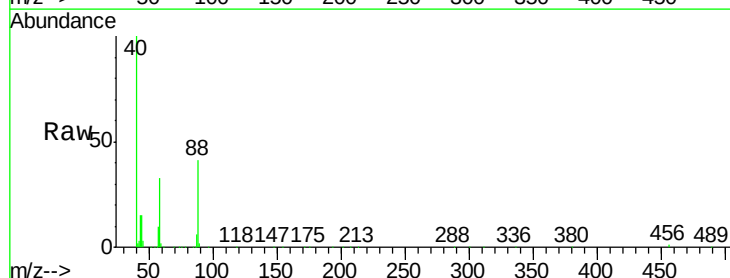
Tgt Ion: 88 Resp: 35943

Ion Ratio Lower Upper

88 100

58 77.9 60.4 90.6

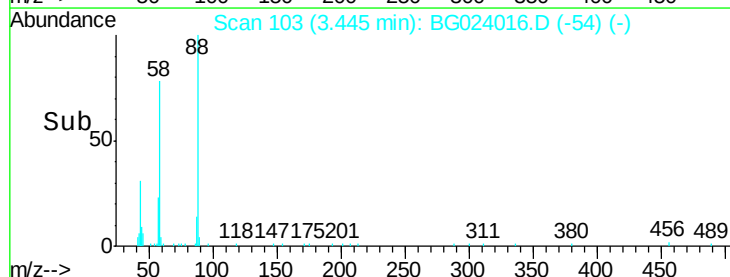
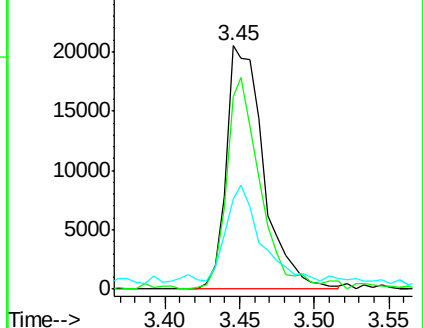
43 35.7 31.1 46.7

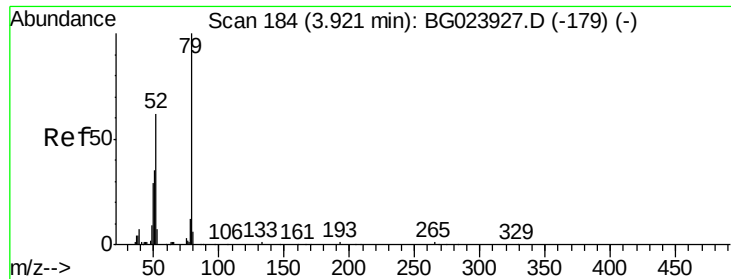


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.38 ng

RT: 3.86 min Scan# 174

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

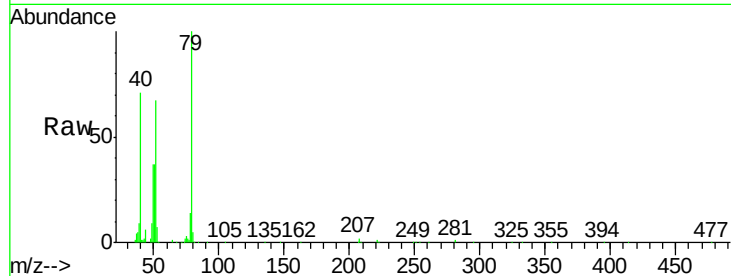
Tot Ion: 79 Resp: 114027

Ion Ratio Lower Upper

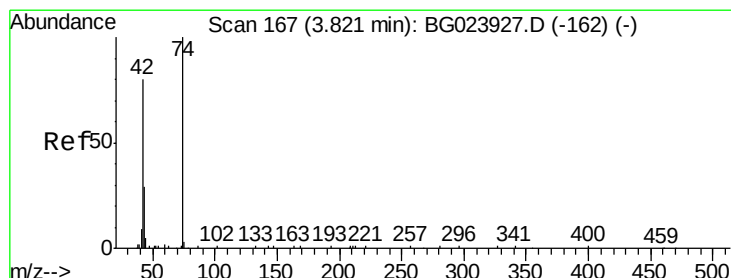
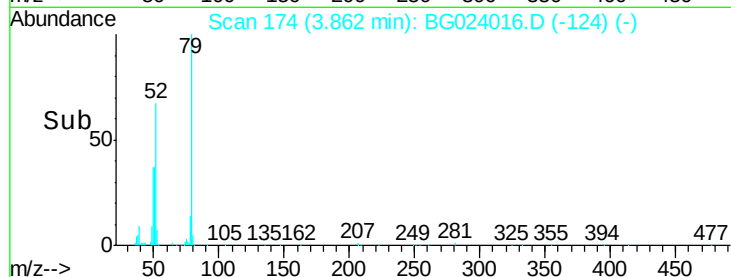
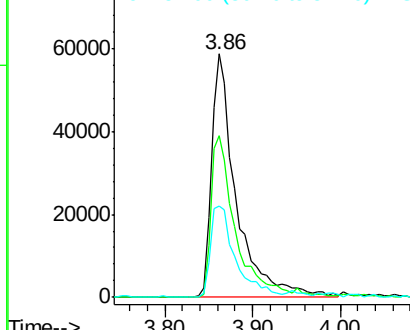
79 100

52 66.6 51.8 77.8

51 37.3 32.7 49.1



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



#4

n-Nitrosodimethylamine

Concen: 48.14 ng

RT: 3.78 min Scan# 160

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

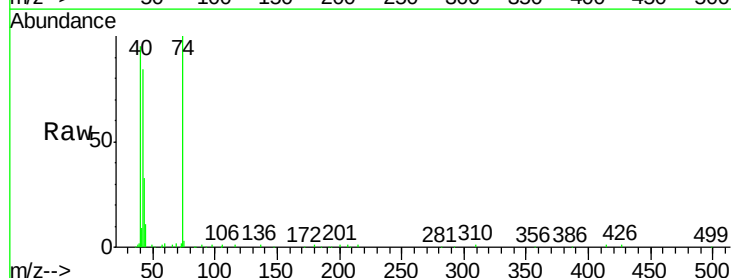
Tgt Ion: 42 Resp: 71648

Ion Ratio Lower Upper

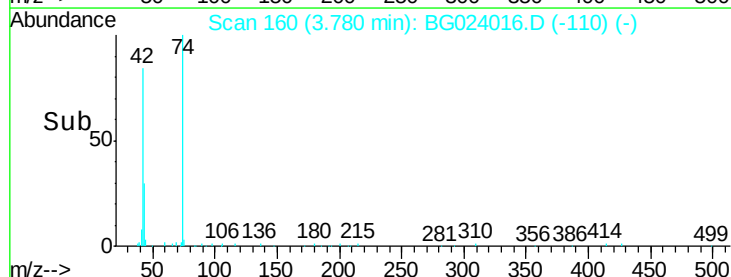
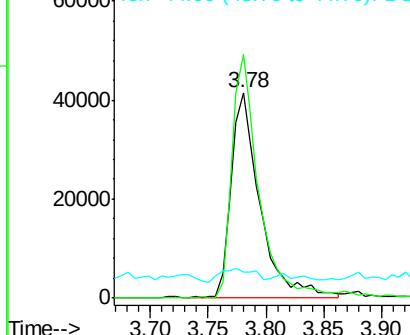
42 100

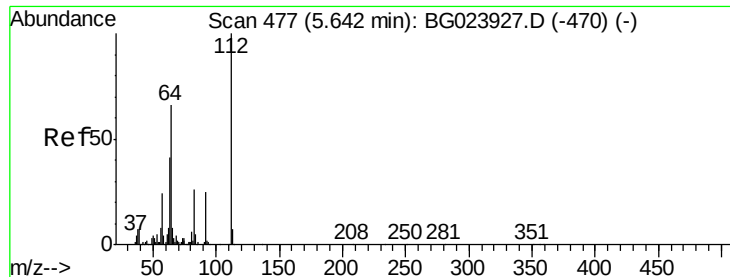
74 118.4 100.6 150.8

44 12.8 4.5 6.7#



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





#5

2-Fluorophenol

Concen: 158.33 ng

RT: 5.60 min Scan# 470

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampled :

PB93419BS

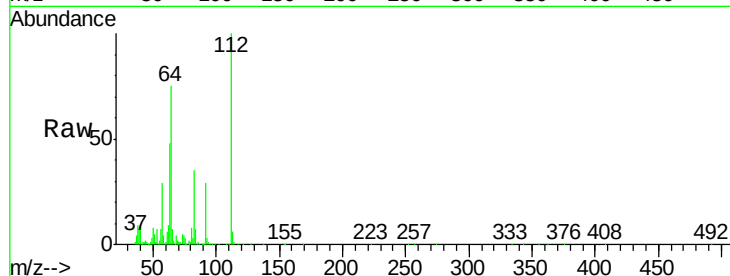
Tot Ion:112 Resp: 360706

Ion Ratio Lower Upper

112 100

64 75.2 59.0 88.4

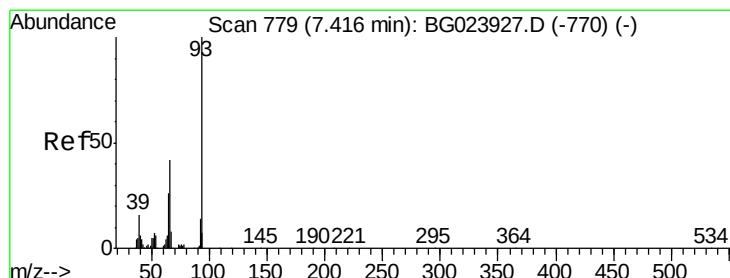
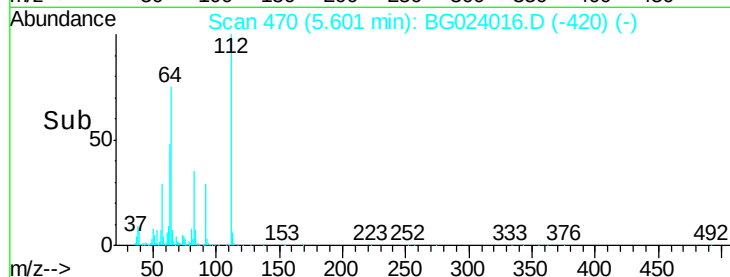
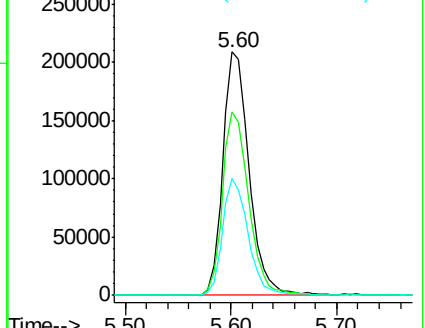
63 47.9 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.76 ng

RT: 7.38 min Scan# 772

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

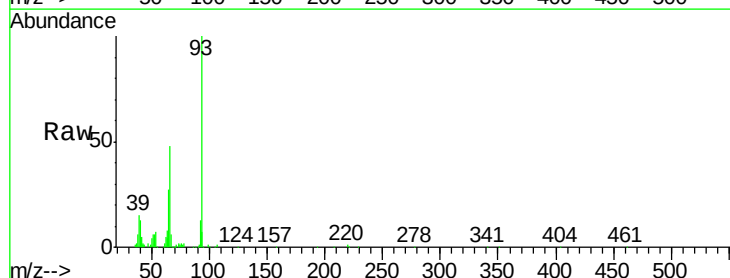
Tgt Ion: 93 Resp: 157129

Ion Ratio Lower Upper

93 100

66 48.4 37.5 56.3

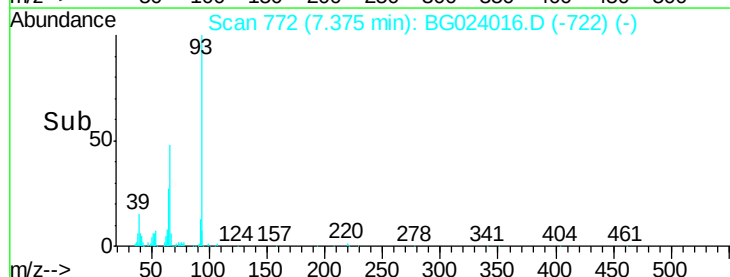
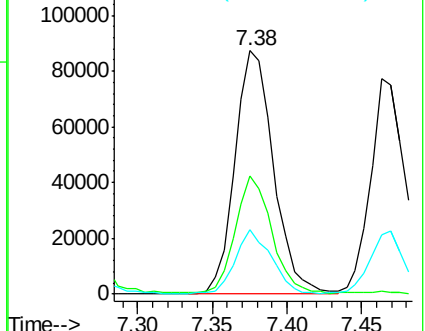
65 26.5 17.9 26.9

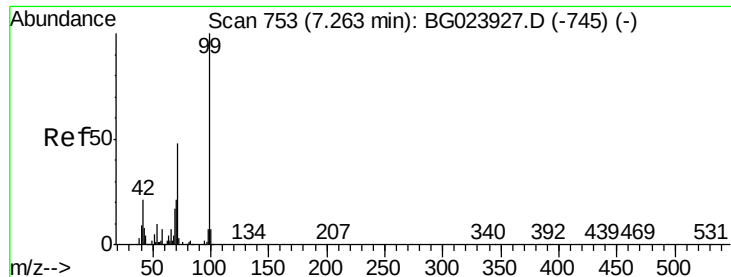


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 156.03 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

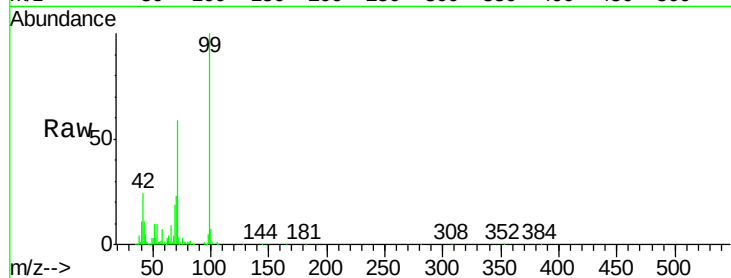
Tot Ion: 99 Resp: 547168

Ion Ratio Lower Upper

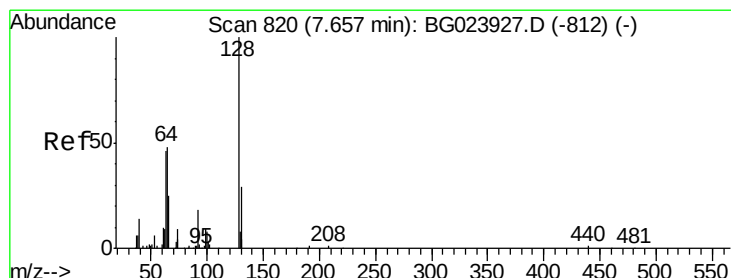
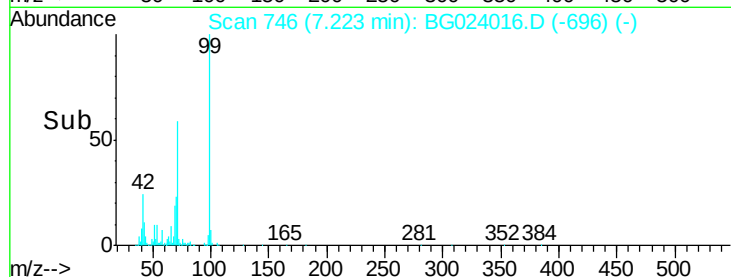
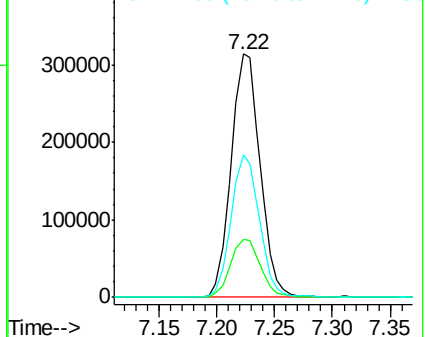
99 100

42 23.8 17.8 26.6

71 58.7 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: 50.20 ng

RT: 7.62 min Scan# 814

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

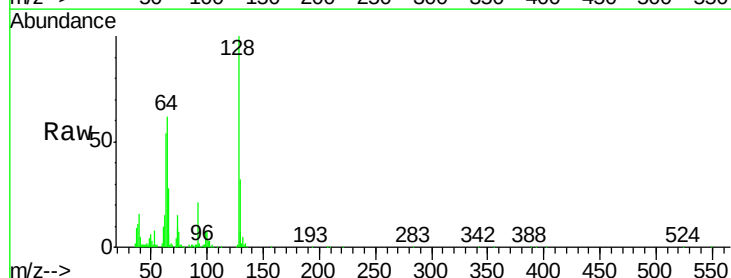
Tgt Ion: 128 Resp: 132489

Ion Ratio Lower Upper

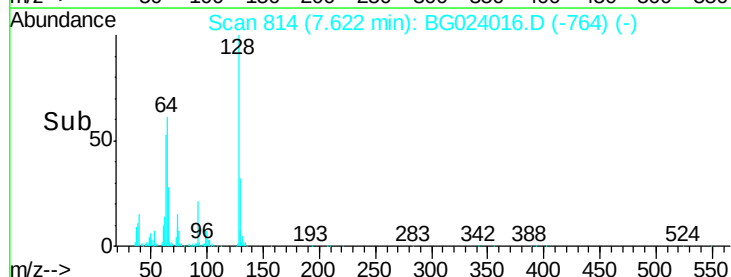
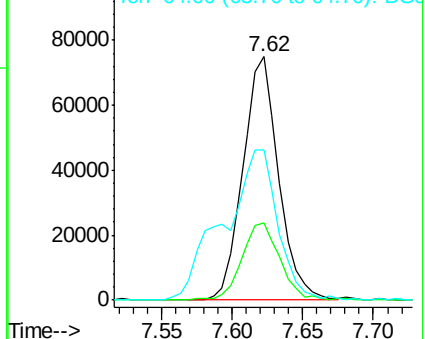
128 100

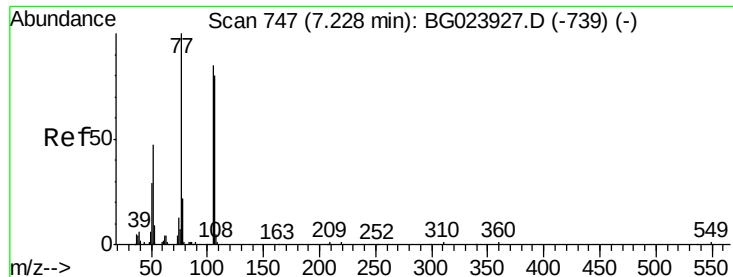
130 31.9 12.9 52.9

64 61.6 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: 6.76 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampled :

PB93419BS

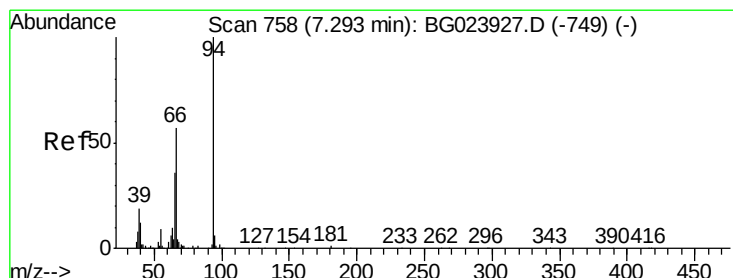
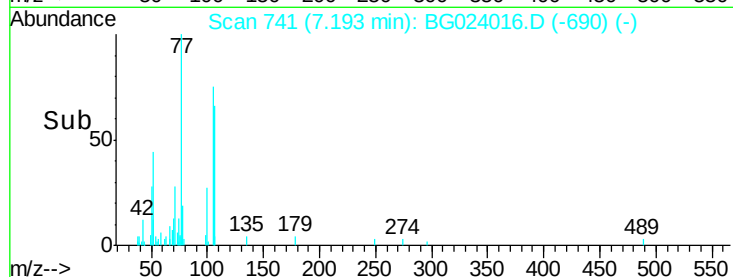
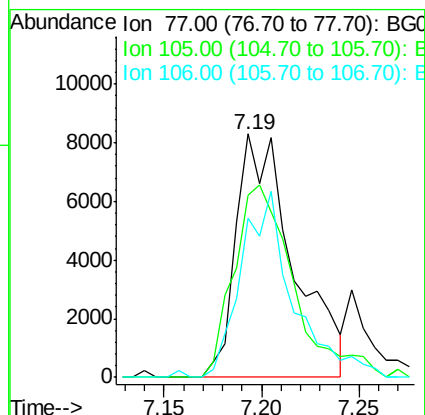
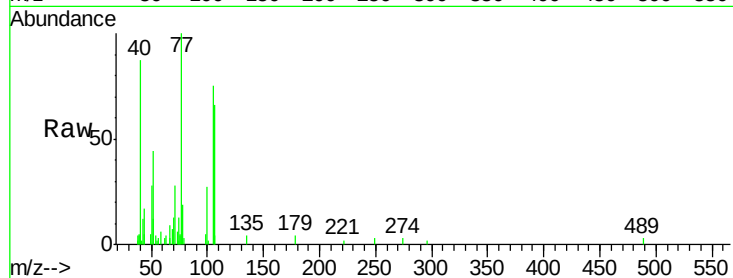
Tot Ion: 77 Resp: 16851

Ion Ratio Lower Upper

77 100

105 74.8 58.7 98.7

106 65.6 67.5 107.5#



#10

Phenol

Concen: 51.24 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

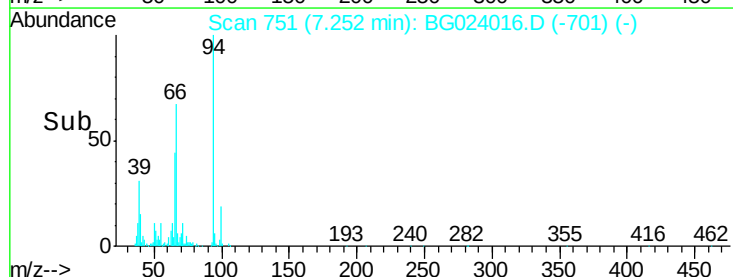
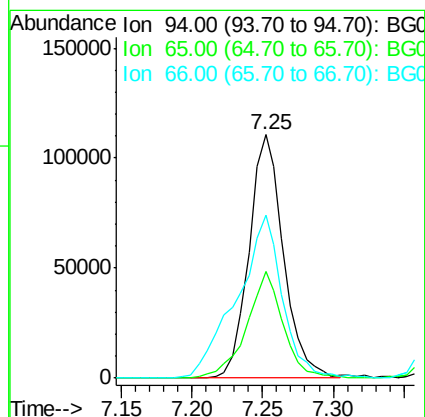
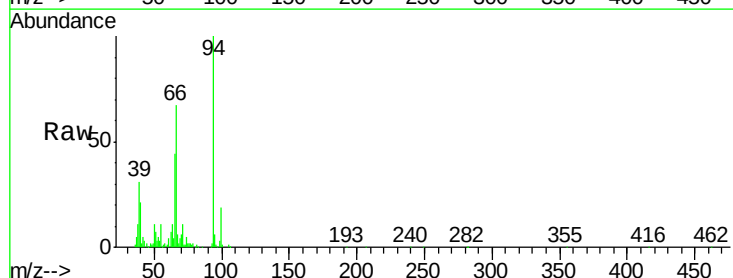
Tgt Ion: 94 Resp: 189056

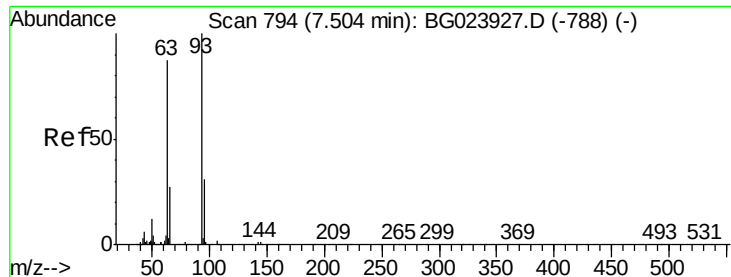
Ion Ratio Lower Upper

94 100

65 43.7 18.1 58.1

66 67.2 42.1 82.1

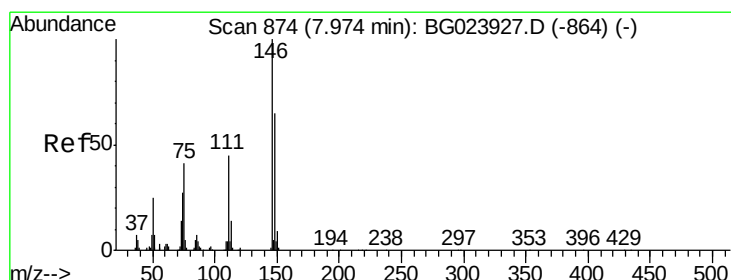
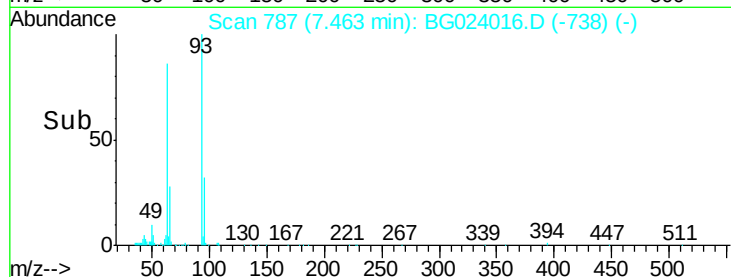
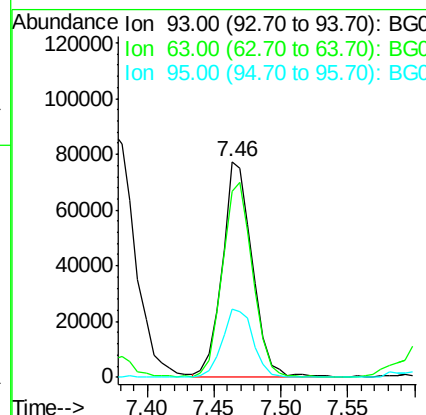
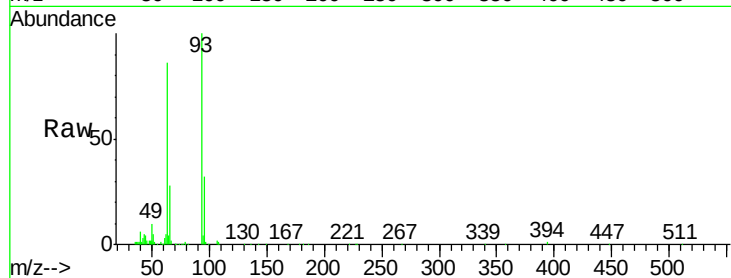




#11
bis(2-Chloroethyl)ether
Concen: 41.97 ng
RT: 7.46 min Scan# 787
Delta R.T. -0.01 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

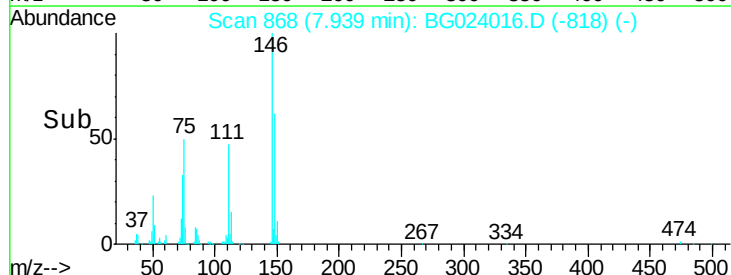
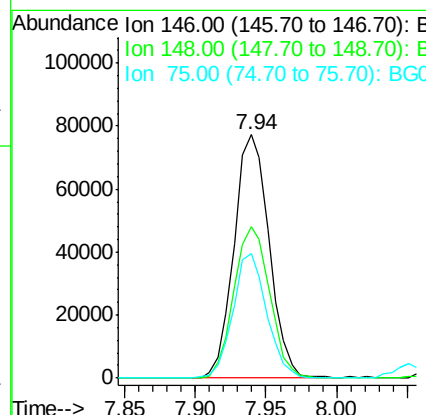
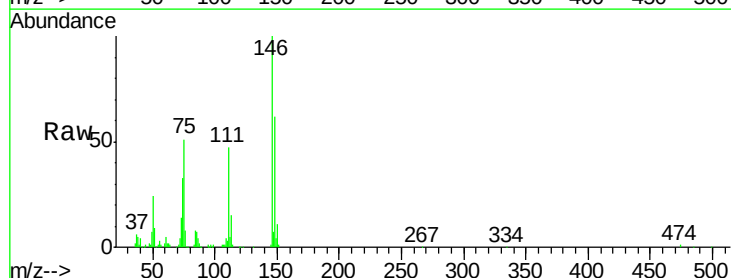
Instrument :
BNA_G
ClientSampleId :
PB93419BS

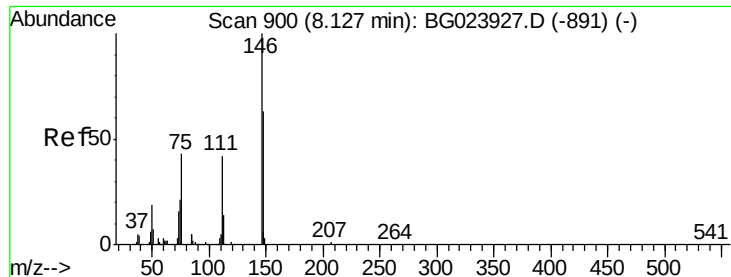
Tot Ion:	93	Resp:	121819
Ion	Ratio	Lower	Upper
93	100		
63	86.3	55.0	95.0
95	31.9	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 43.35 ng
RT: 7.94 min Scan# 868
Delta R.T. -0.01 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

Tgt Ion:	146	Resp:	133919
Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.3	75.5
75	50.9	37.0	55.6

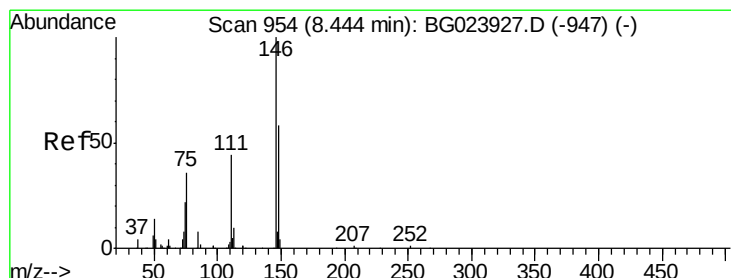
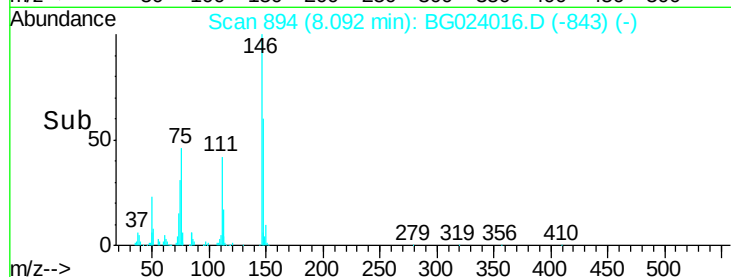
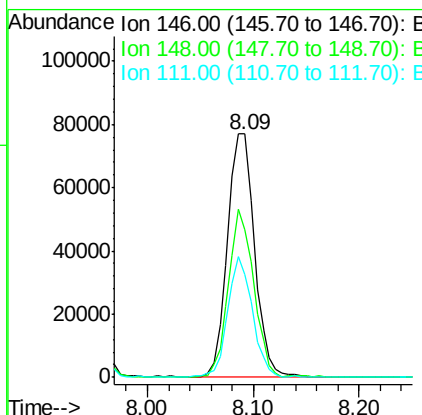
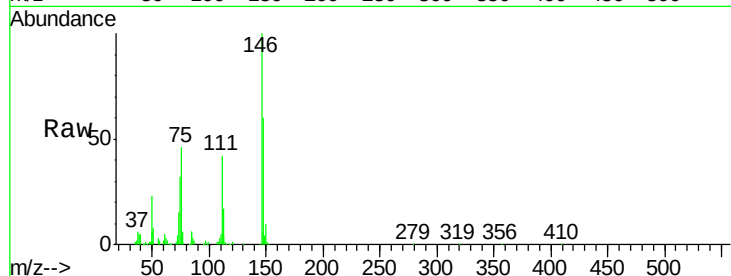




#13
 1,4-Dichlorobenzene
 Concen: 41.80 ng
 RT: 8.09 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BG024016.D
 Acq: 17 Sep 2016 5:35

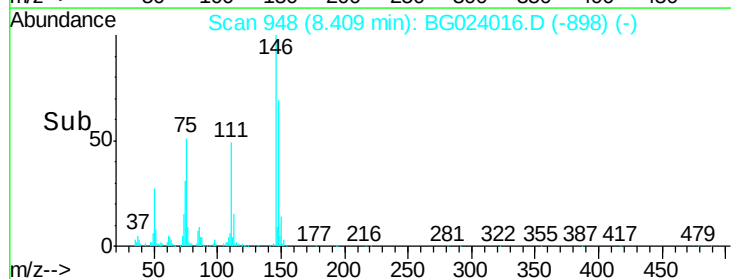
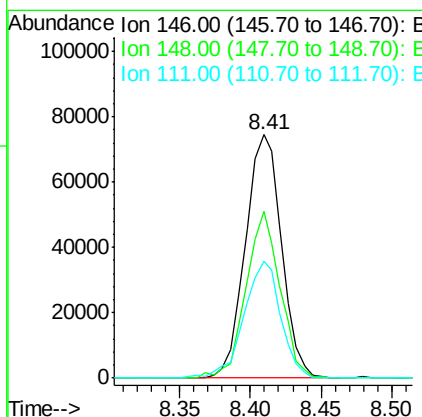
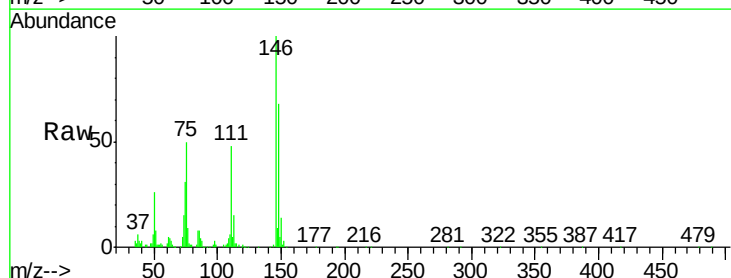
Instrument :
 BNA_G
 ClientSampleId :
 PB93419BS

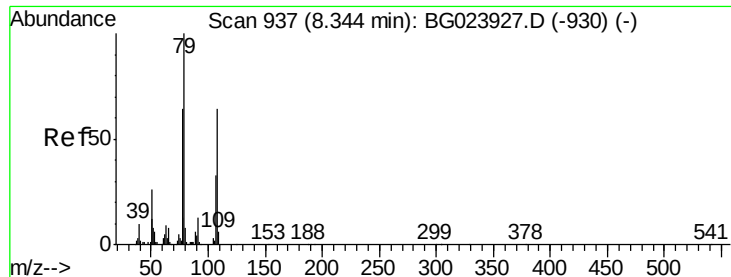
Tot Ion	Ratio	Lower	Upper
146	100		
148	60.4	54.5	81.7
111	42.5	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 43.49 ng
 RT: 8.41 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BG024016.D
 Acq: 17 Sep 2016 5:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.5	52.9	79.3
111	48.0	43.5	65.3





#15

Benzyl Alcohol

Concen: 57.67 ng

RT: 8.30 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

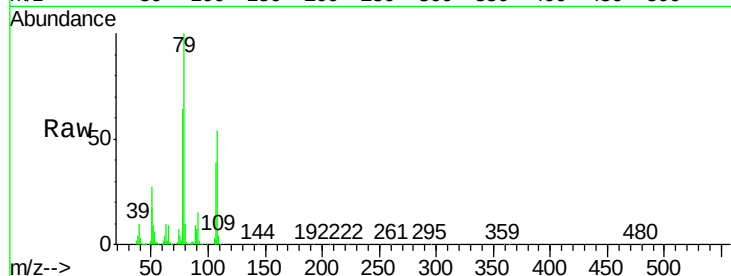
Tot Ion: 79 Resp: 178300

Ion Ratio Lower Upper

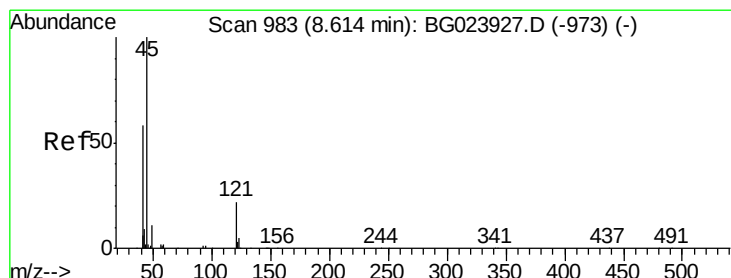
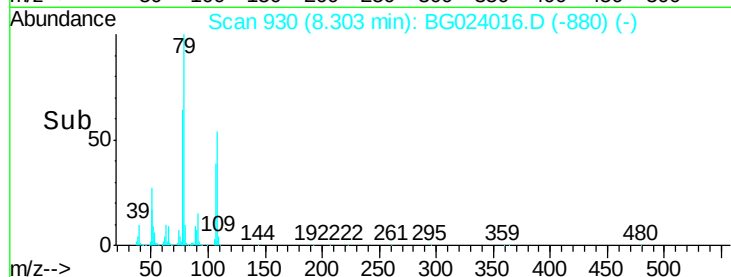
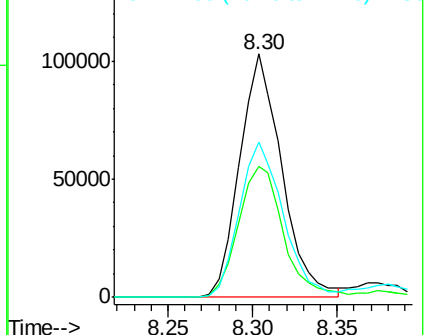
79 100

108 54.0 46.5 69.7

77 64.0 52.3 78.5



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.43 ng

RT: 8.59 min Scan# 978

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

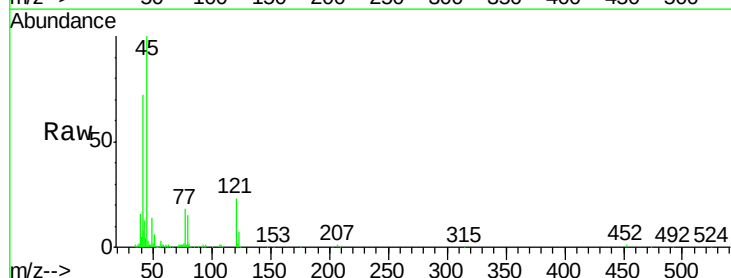
Tgt Ion: 45 Resp: 165070

Ion Ratio Lower Upper

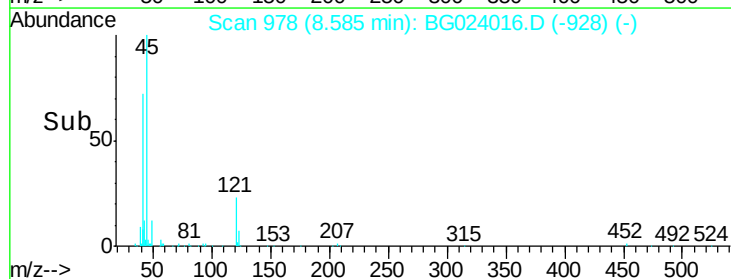
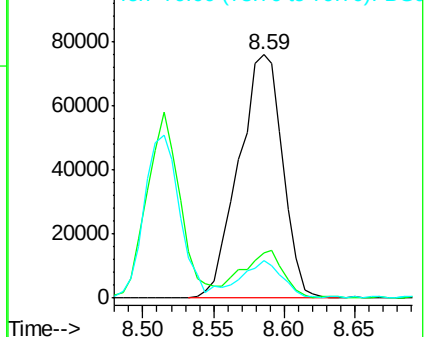
45 100

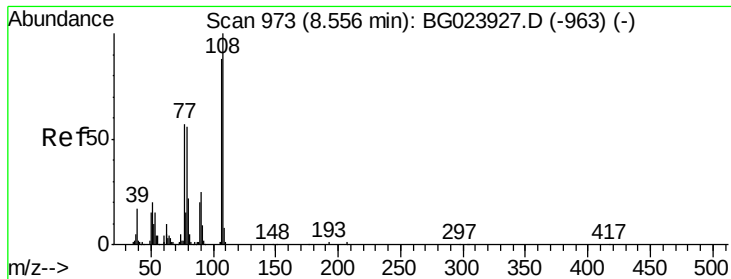
77 18.5 0.6 40.6

79 15.2 0.0 36.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 52.48 ng

RT: 8.51 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

Tot Ion:107 Resp: 130429

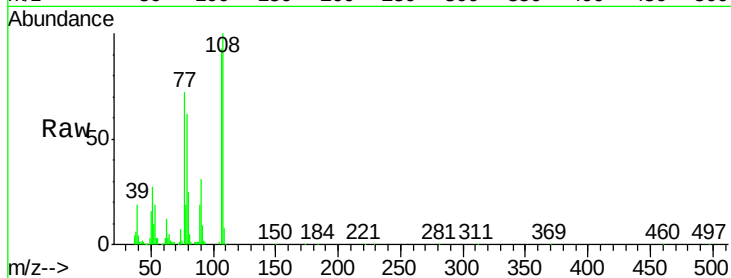
Ion Ratio Lower Upper

107 100

108 107.8 92.0 138.0

77 77.1 55.8 83.6

79 67.3 55.0 82.6

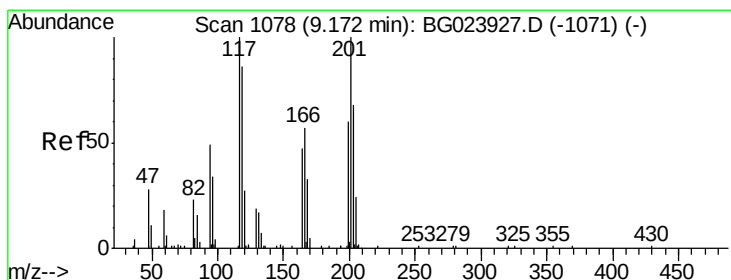
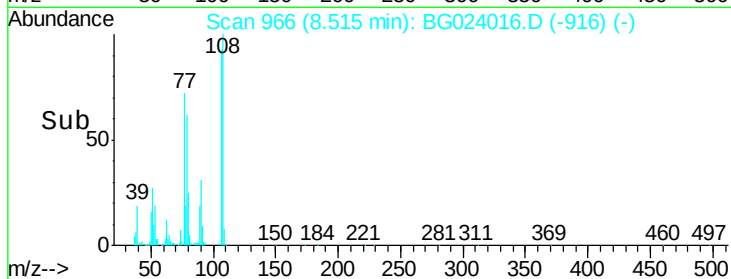
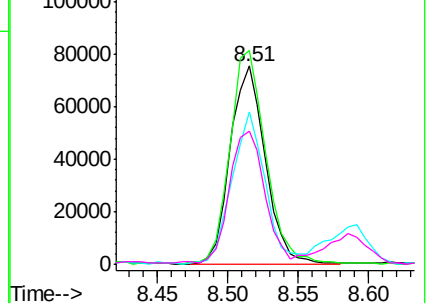


Abundance Ion 107.00 (106.70 to 107.70): E

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: 45.43 ng

RT: 9.14 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

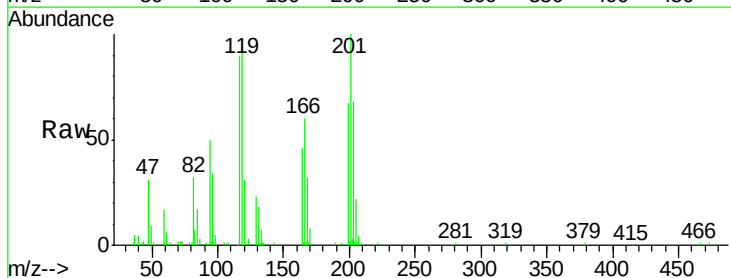
Tgt Ion:117 Resp: 57251

Ion Ratio Lower Upper

117 100

119 103.7 73.7 110.5

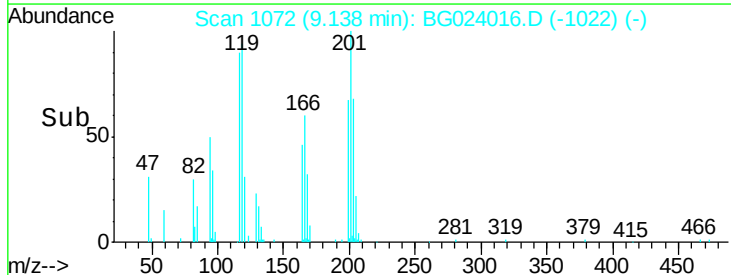
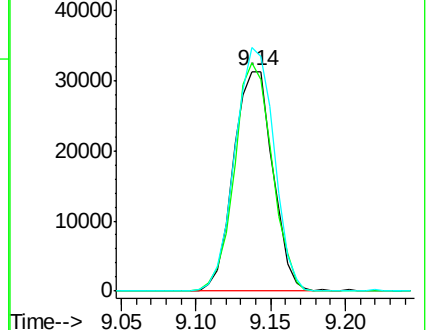
201 110.8 88.7 133.1

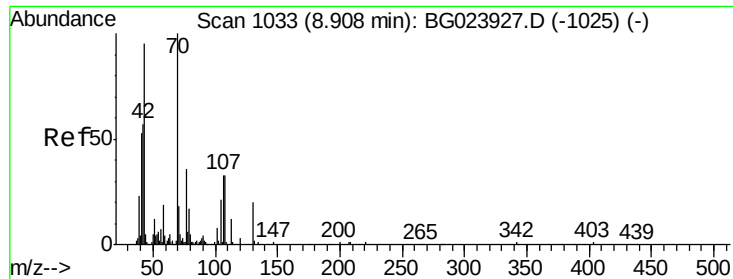


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

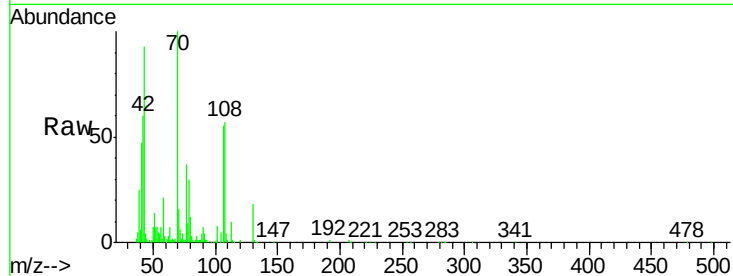




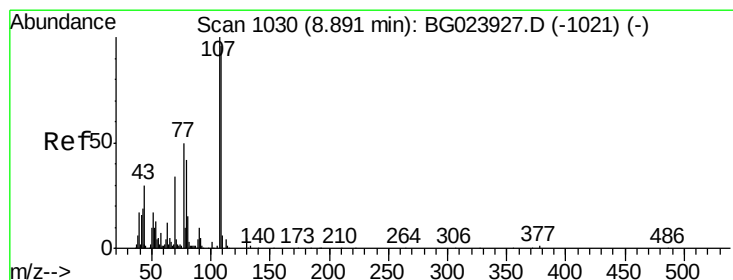
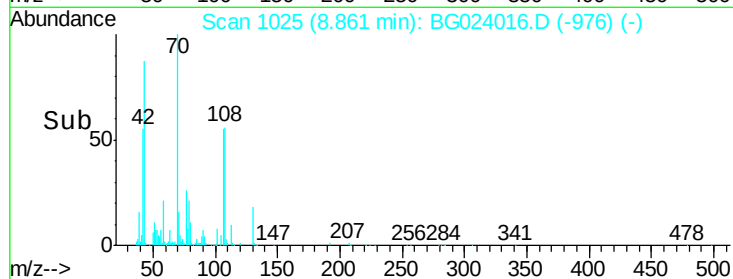
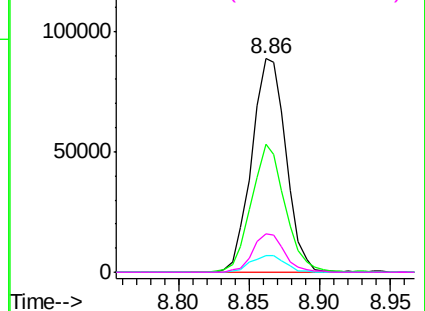
#19
n-Nitroso-di-n-propylamine
Concen: 48.79 ng
RT: 8.86 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

Instrument :
BNA_G
ClientSampleId :
PB93419BS

Tot Ion:	70	Resp:	151153
Ion	Ratio	Lower	Upper
70	100		
42	60.1	42.1	63.1
101	7.7	7.2	10.8
130	17.7	14.2	21.2

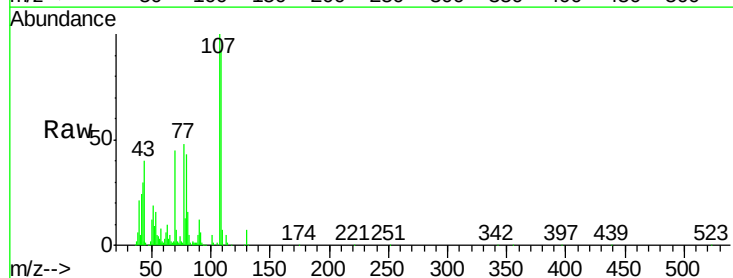


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

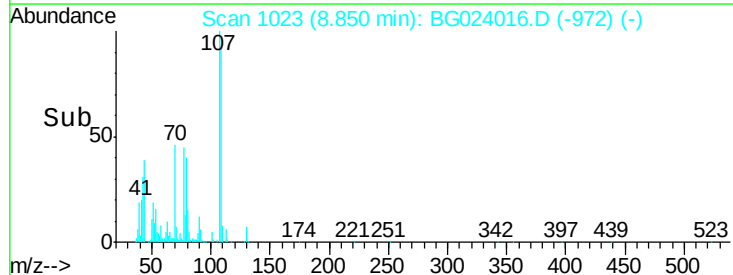
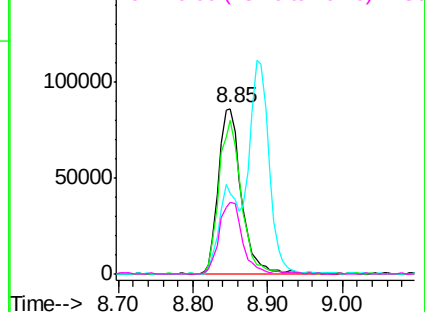


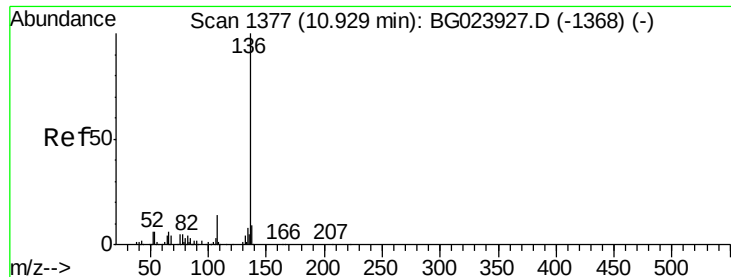
#20
3+4-Methylphenols
Concen: 53.41 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

Tgt Ion:	107	Resp:	185017
Ion	Ratio	Lower	Upper
107	100		
108	92.5	72.5	112.5
77	48.4	30.1	70.1
79	43.2	24.2	64.2



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

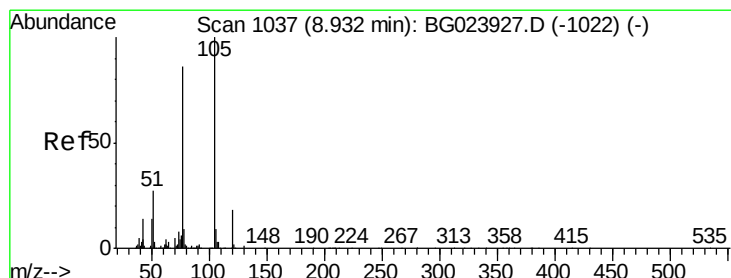
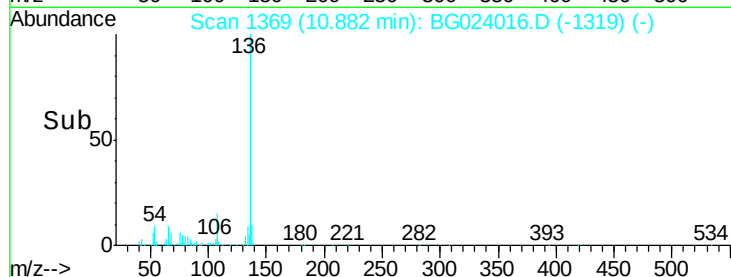
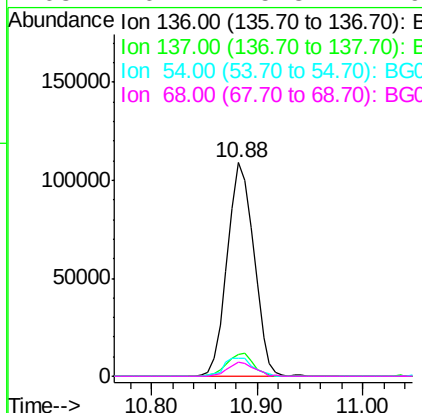
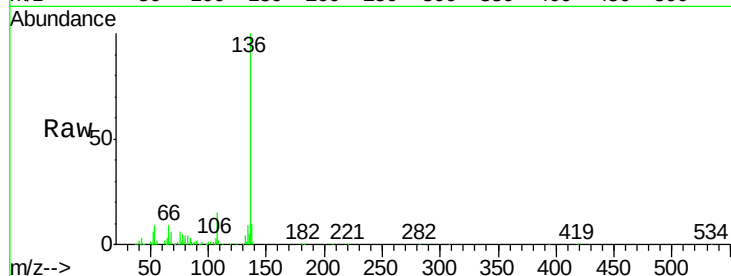




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

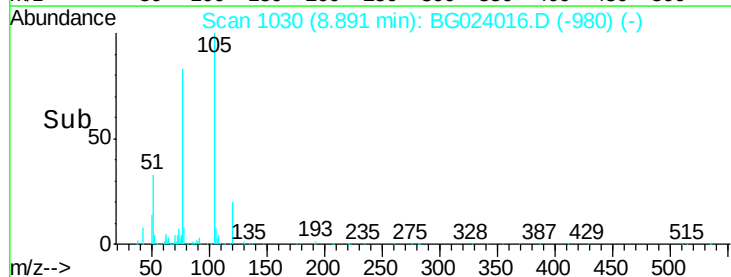
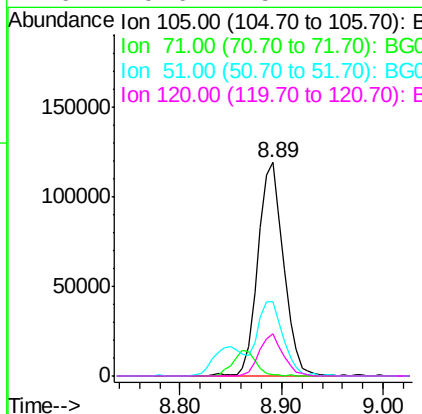
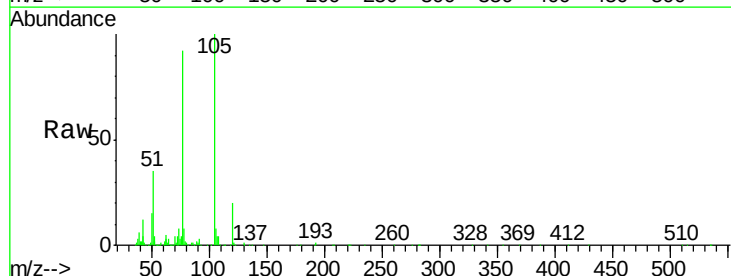
Instrument :
BNA_G
ClientSampleId :
PB93419BS

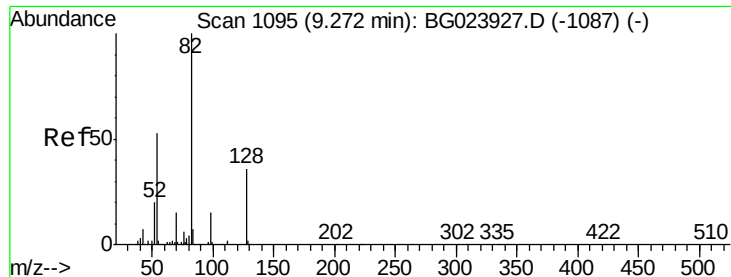
Tot Ion:136	Resp:	189986
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.6 14.4
54	8.7	7.3 10.9
68	6.4	5.3 7.9



#22
Acetophenone
Concen: 42.52 ng
RT: 8.89 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

Tgt Ion:105	Resp:	209143
Ion Ratio	Lower	Upper
105	100	
71	0.5	2.6 3.8#
51	34.5	27.1 40.7
120	19.6	15.1 22.7

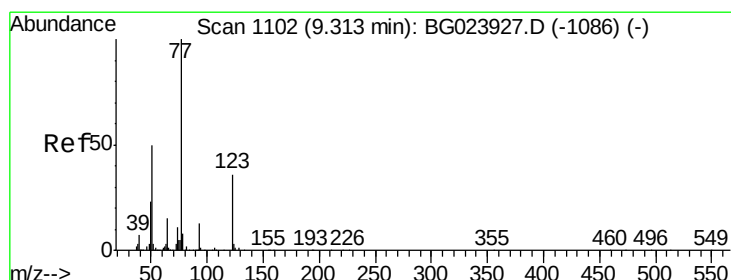
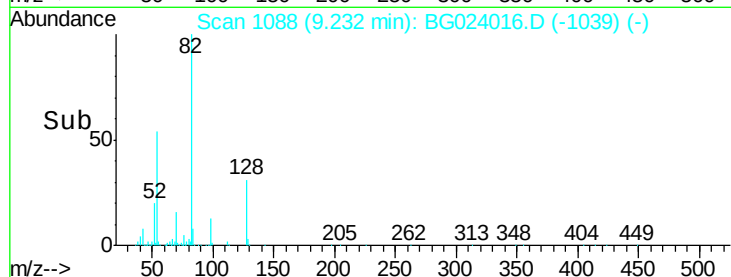
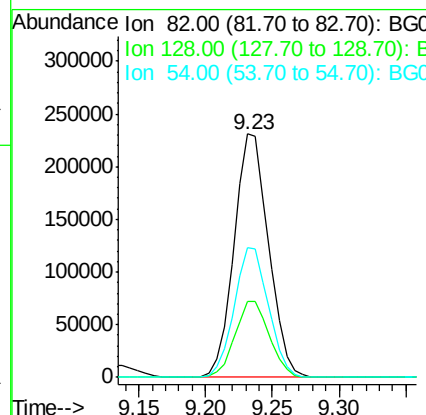
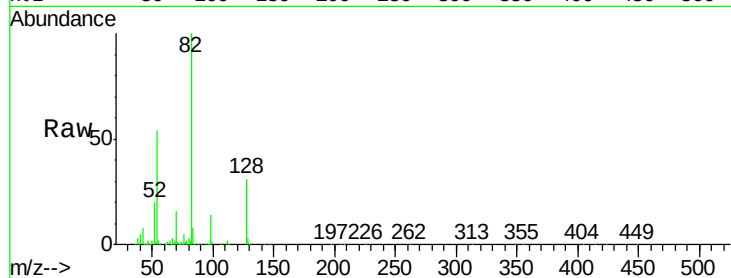




#23
 Nitrobenzene-d5
 Concen: 97.49 ng
 RT: 9.23 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BG024016.D
 Acq: 17 Sep 2016 5:35

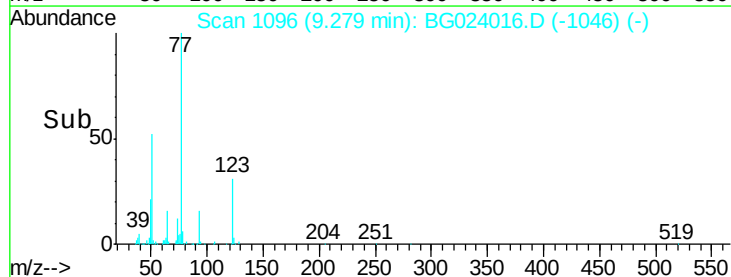
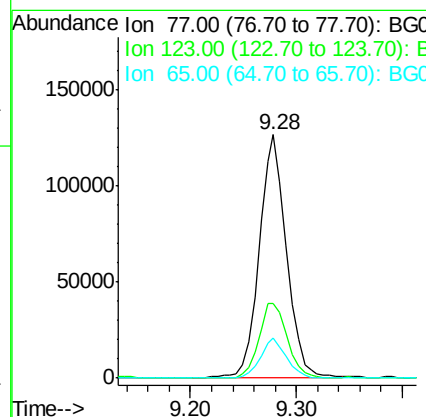
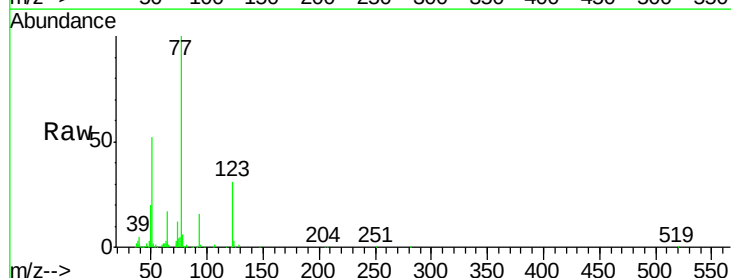
Instrument :
 BNA_G
 ClientSampleId :
 PB93419BS

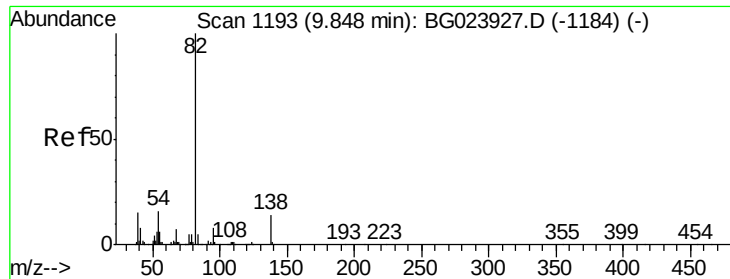
Tot Ion	82	Resp	414879
Ion Ratio	Lower	Upper	
82	100		
128	31.1	24.4	36.6
54	53.5	41.4	62.0



#24
 Nitrobenzene
 Concen: 49.61 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BG024016.D
 Acq: 17 Sep 2016 5:35

Tgt Ion	77	Resp	227003
Ion Ratio	Lower	Upper	
77	100		
123	30.5	25.0	37.6
65	16.5	13.4	20.0





#25

Isophorone

Concen: 48.77 ng

RT: 9.80 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

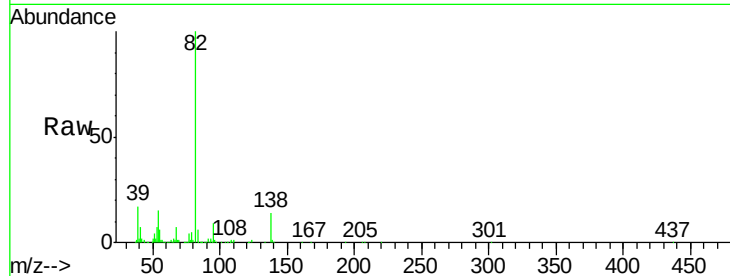
Tot Ion: 82 Resp: 402461

Ion Ratio Lower Upper

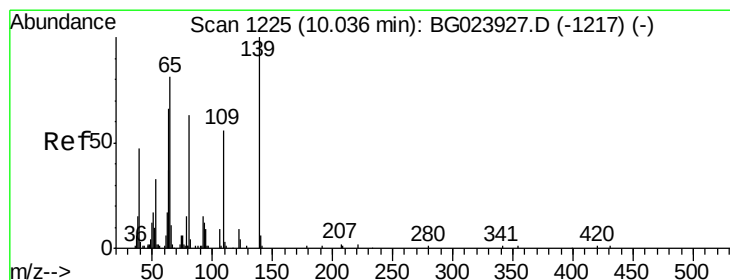
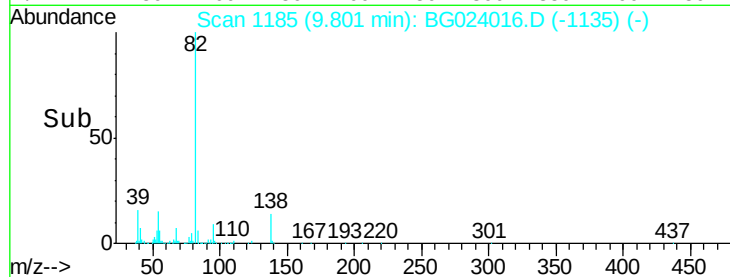
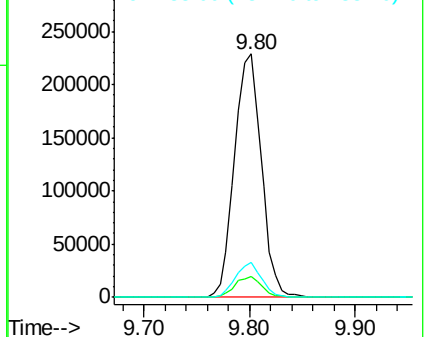
82 100

95 8.6 8.2 12.2

138 14.4 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: 48.25 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

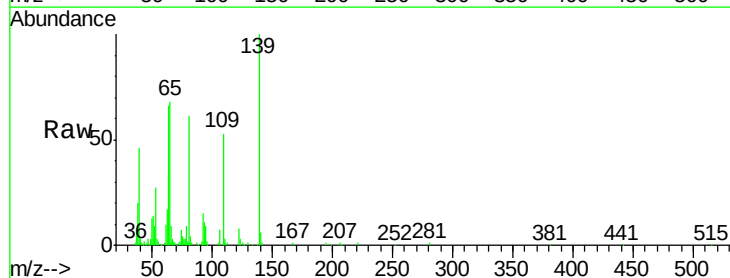
Tgt Ion: 139 Resp: 83935

Ion Ratio Lower Upper

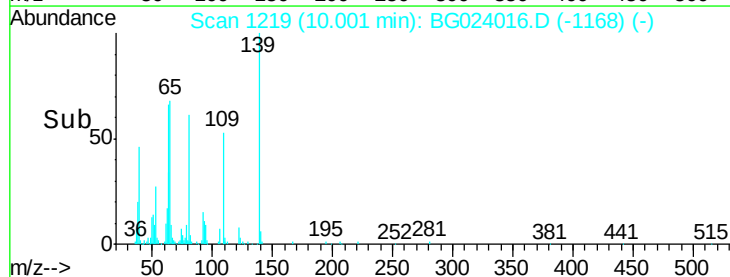
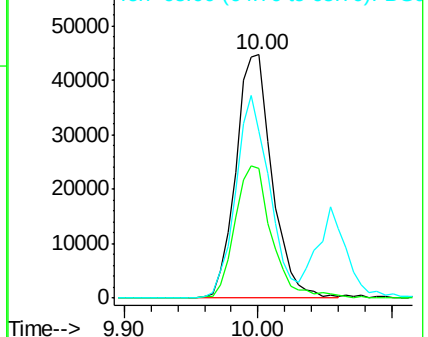
139 100

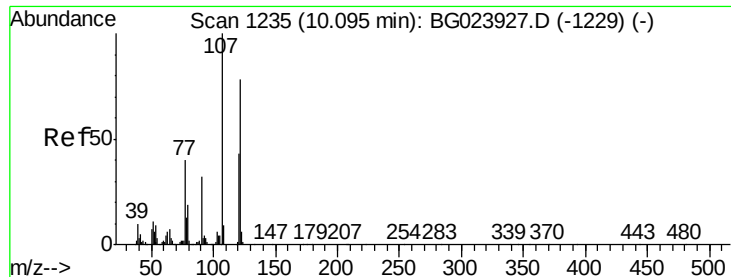
109 53.2 43.5 65.3

65 68.4 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

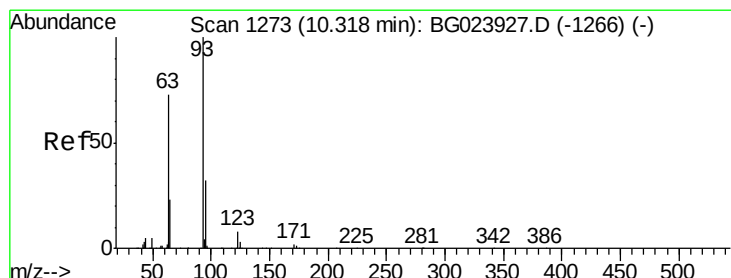
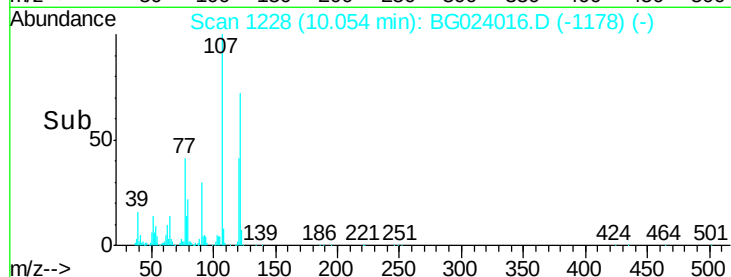
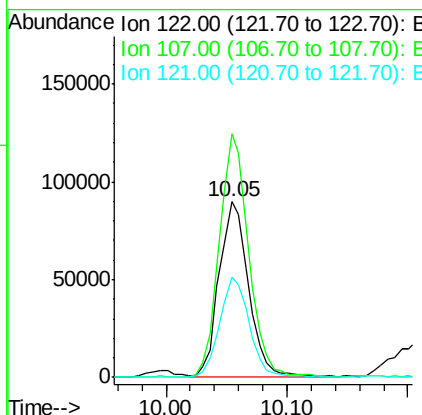
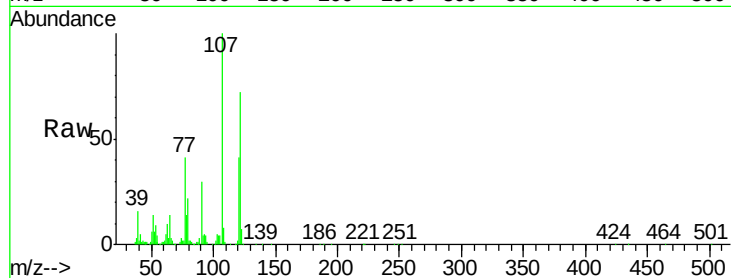




#27
 2,4-Dimethylphenol
 Concen: 50.60 ng
 RT: 10.05 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BG024016.D
 Acq: 17 Sep 2016 5:35

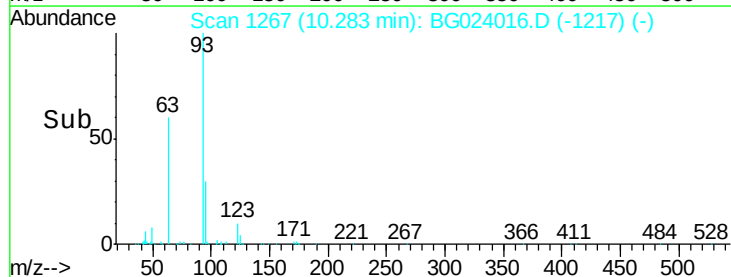
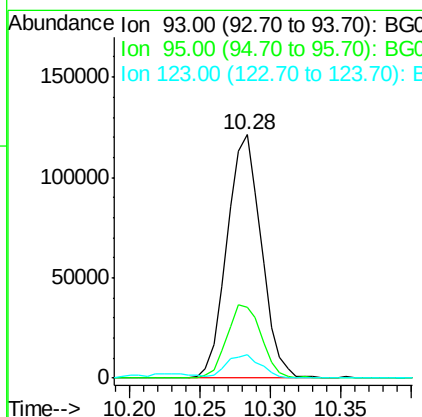
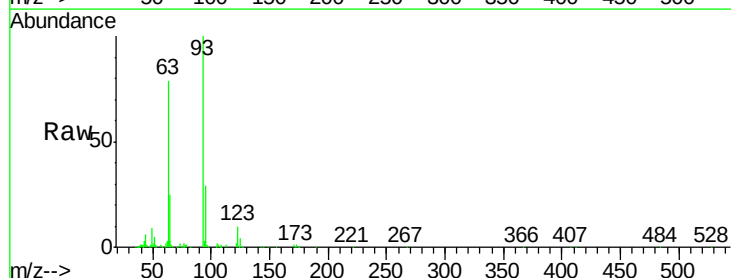
Instrument :
 BNA_G
 ClientSampleId :
 PB93419BS

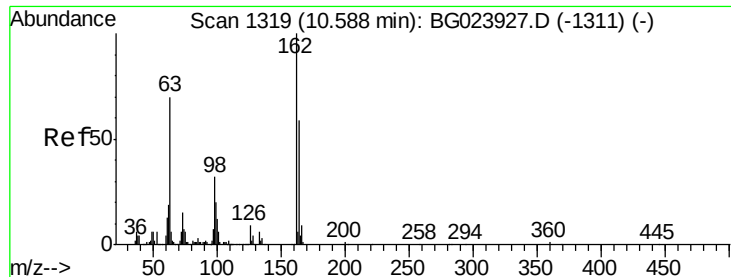
Tot Ion:122 Resp: 149616
 Ion Ratio Lower Upper
 122 100
 107 138.7 117.0 175.4
 121 57.0 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.28 ng
 RT: 10.28 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BG024016.D
 Acq: 17 Sep 2016 5:35

Tgt Ion: 93 Resp: 205354
 Ion Ratio Lower Upper
 93 100
 95 29.0 25.4 38.2
 123 9.8 8.2 12.2

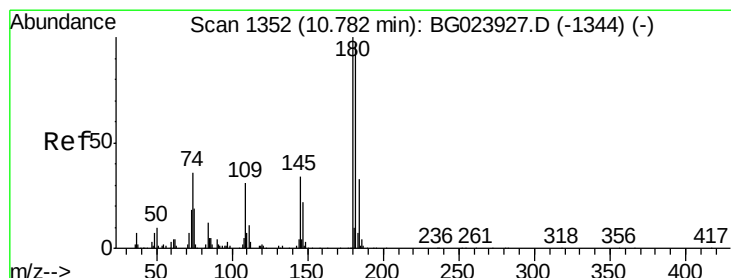
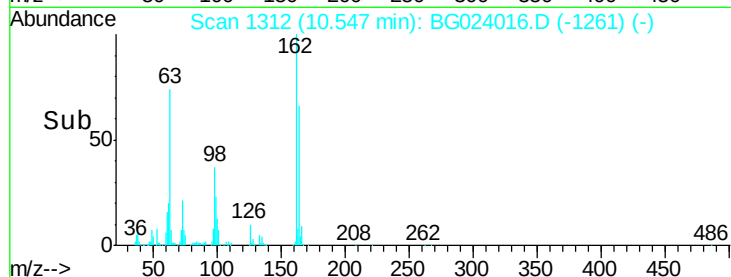
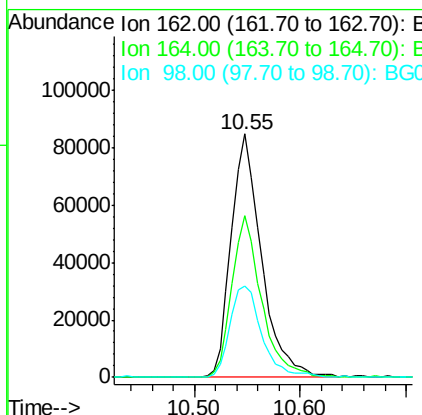
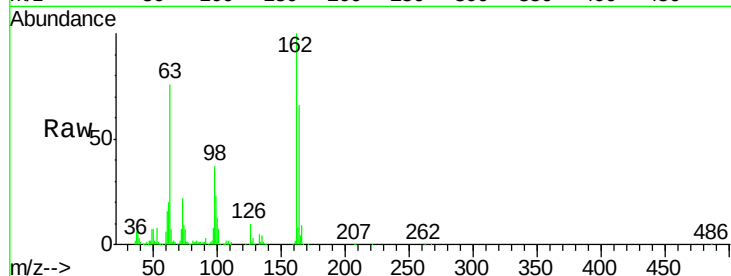




#29
2,4-Dichlorophenol
Concen: 53.74 ng
RT: 10.55 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

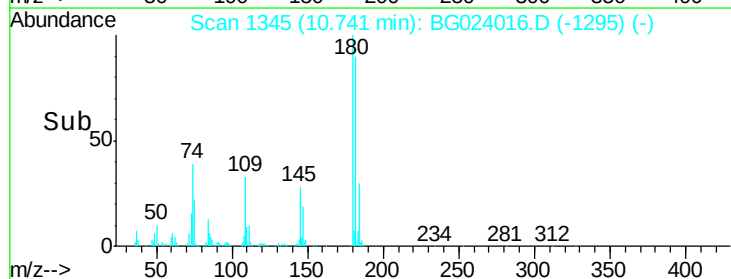
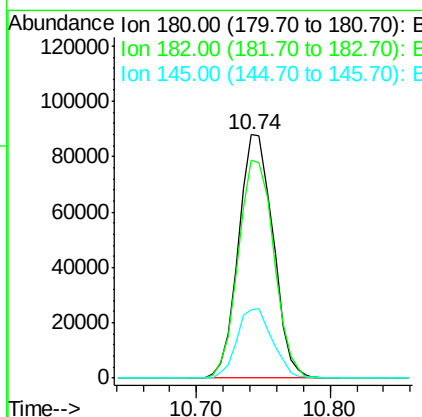
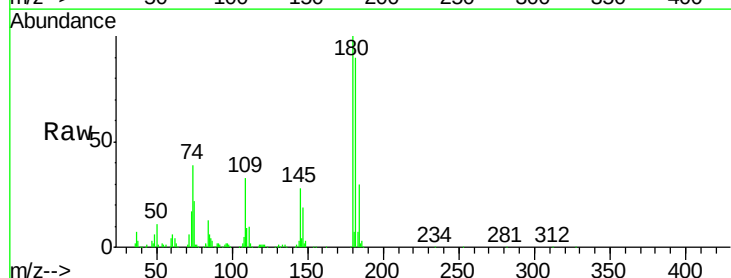
Instrument :
BNA_G
ClientSampleId :
PB93419BS

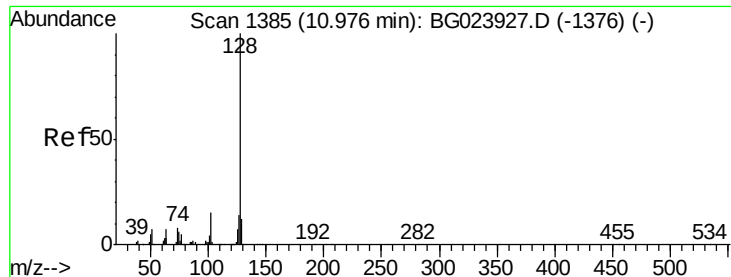
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	44.3	84.3
98	37.3	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 45.94 ng
RT: 10.74 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.7	73.8	110.8
145	28.2	24.4	36.6

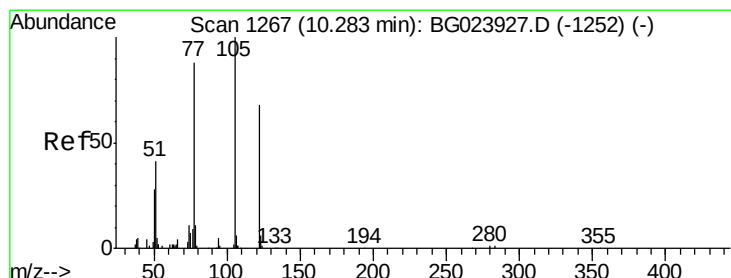
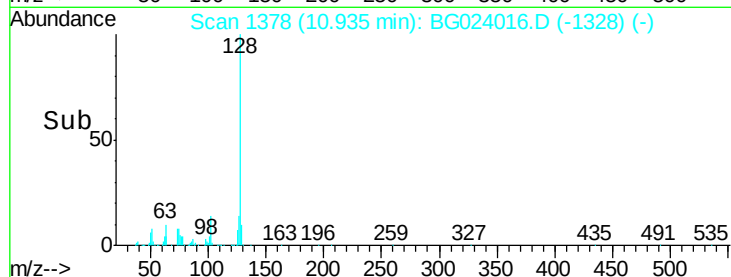
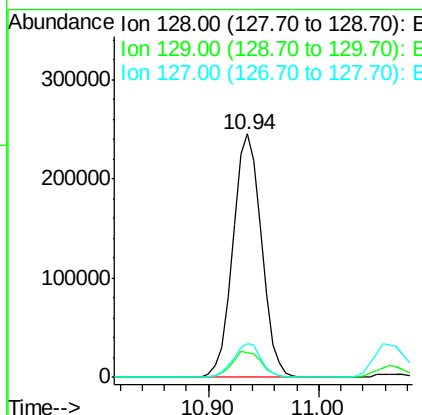
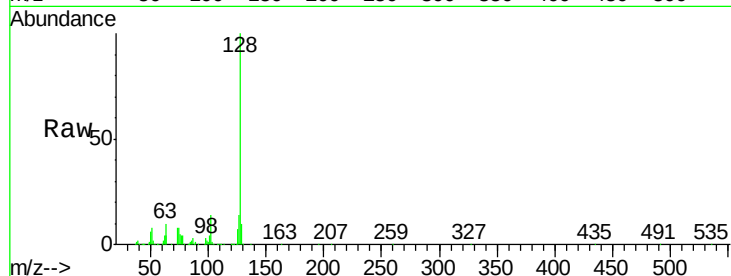




#31
Naphthalene
Concen: 45.44 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

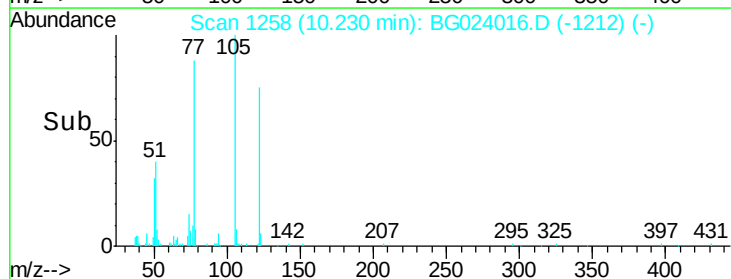
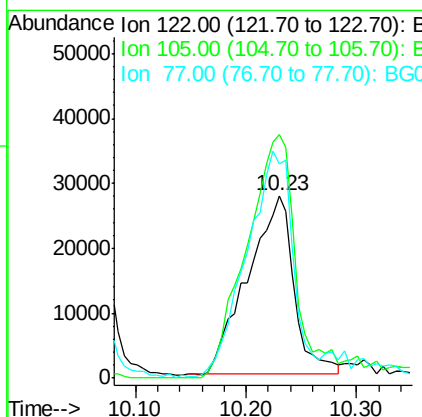
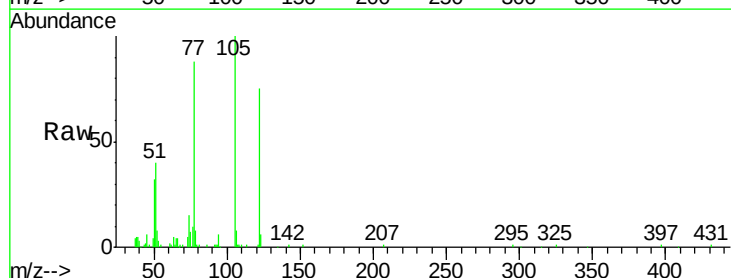
Instrument :
BNA_G
ClientSampleId :
PB93419BS

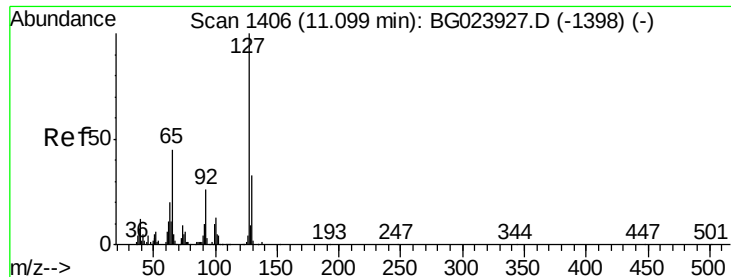
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.4	14.0
127	13.7	11.3	16.9



#32
Benzoic acid
Concen: 33.78 ng
RT: 10.23 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.3	117.2	157.2
77	117.5	109.2	149.2

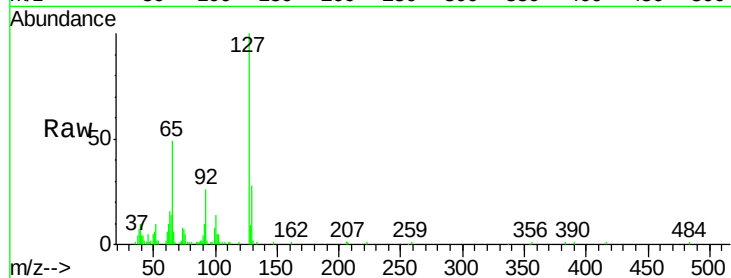




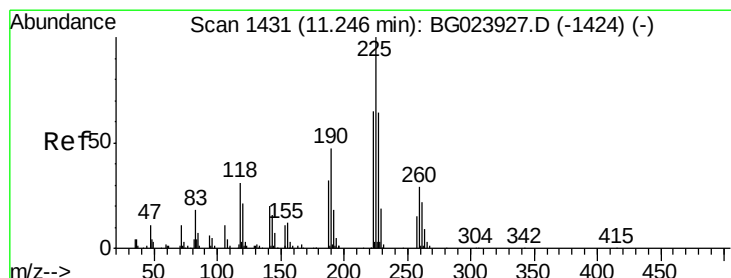
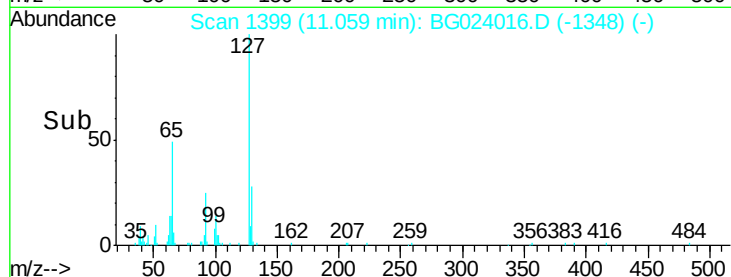
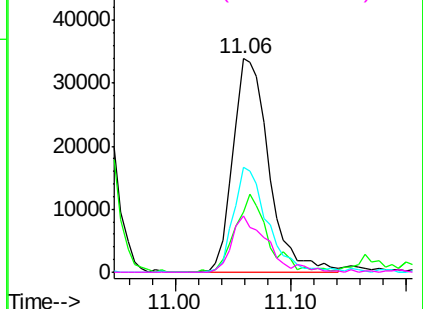
#33
4-Chloroaniline
Concen: 17.93 ng
RT: 11.06 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

Instrument :
BNA_G
ClientSampleId :
PB93419BS

Tot Ion:127	Resp:	73315	
Ion Ratio	Lower	Upper	
127 100			
129 28.0	27.9	41.9	
65 49.4	36.8	55.2	
92 26.3	21.0	31.6	

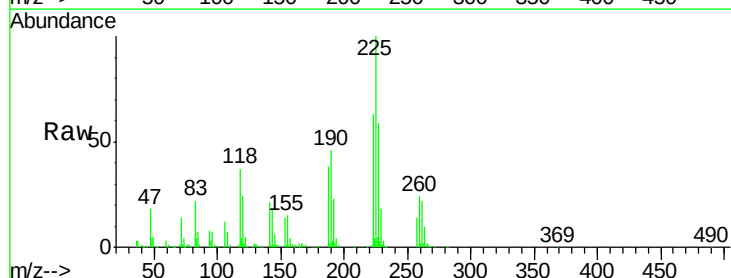


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

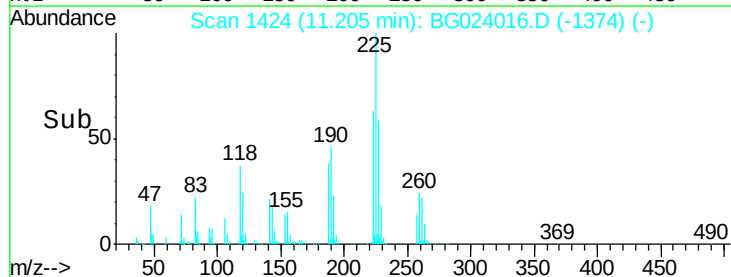
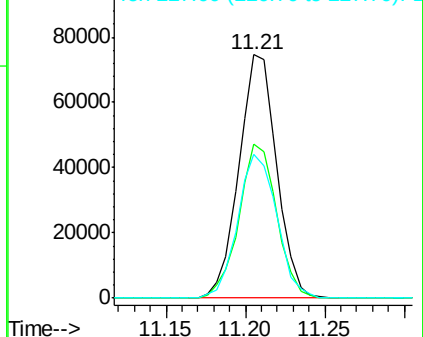


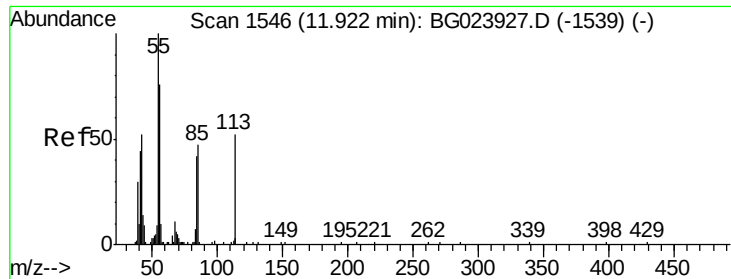
#34
Hexachlorobutadiene
Concen: 47.67 ng
RT: 11.21 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

Tgt Ion	225	Resp: Lower	123022 Upper
	Ratio		
225	100		
223	63.3	49.6	74.4
227	59.2	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: 49.33 ng/ml

RT: 11.86 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleID :

PB93419BS

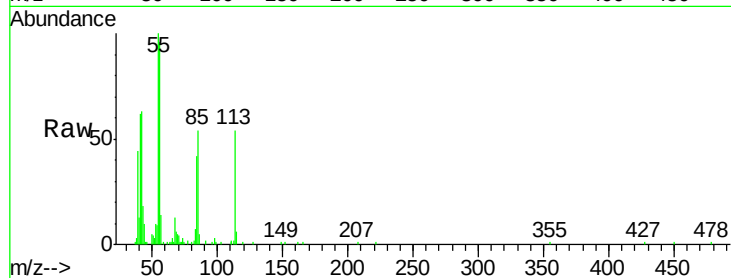
Tot Ion:113 Resp: 54466

Ion Ratio Lower Upper

113 100

55 184.2 154.5 194.5

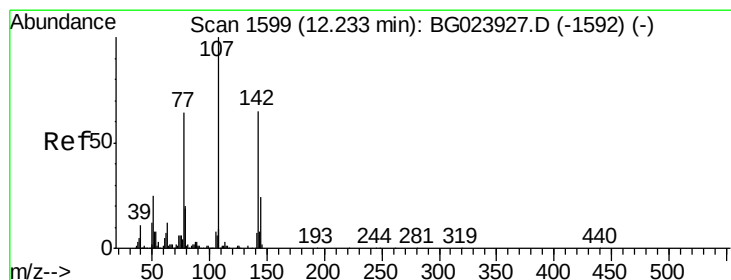
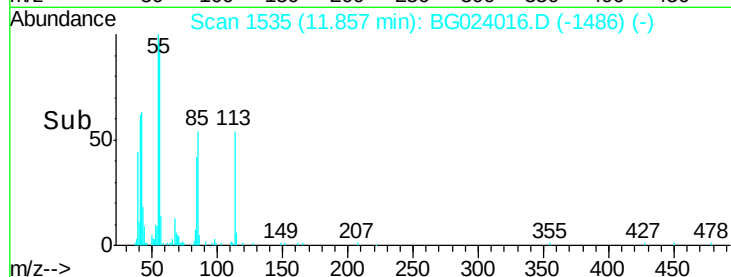
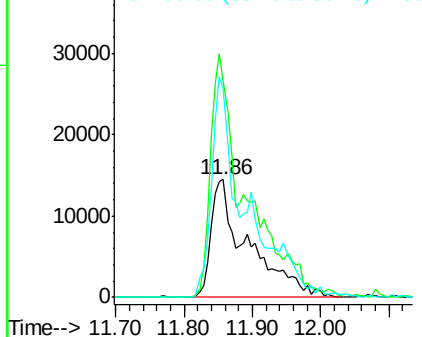
56 177.7 125.1 165.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 50.96 ng/ml

RT: 12.19 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

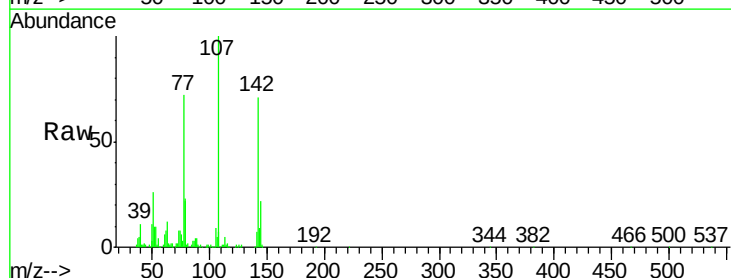
Tgt Ion:107 Resp: 213317

Ion Ratio Lower Upper

107 100

144 22.3 17.0 25.6

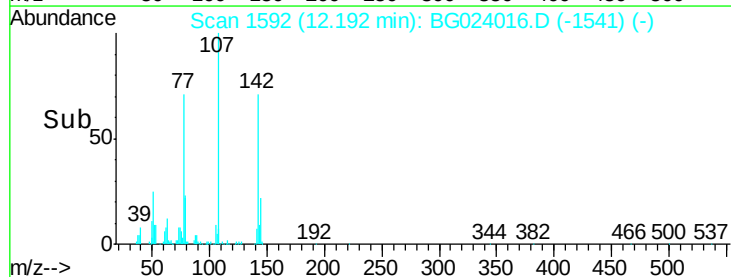
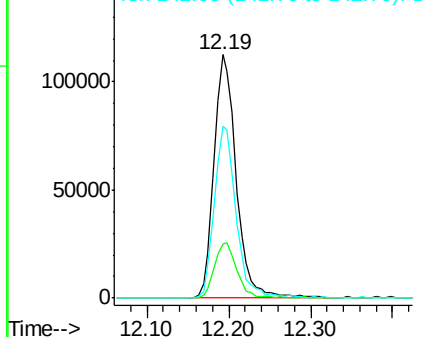
142 70.8 53.0 79.6

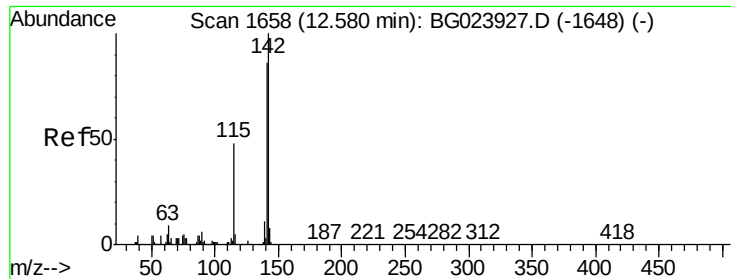


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

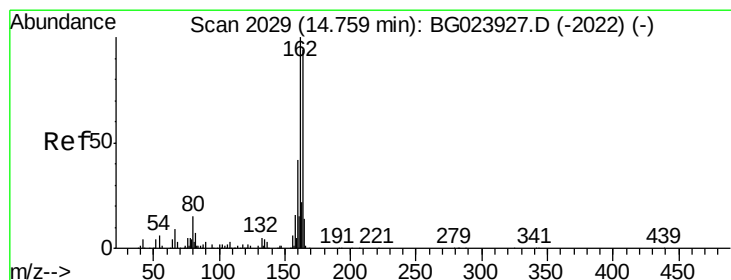
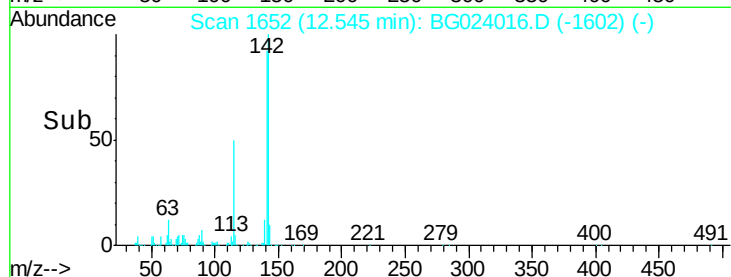
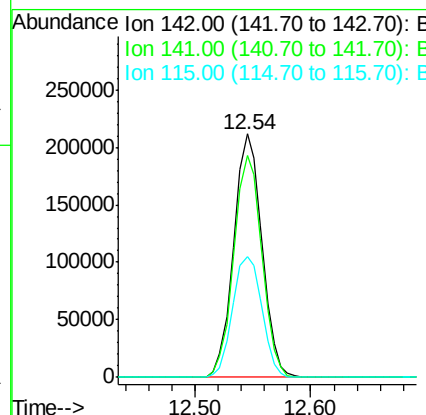
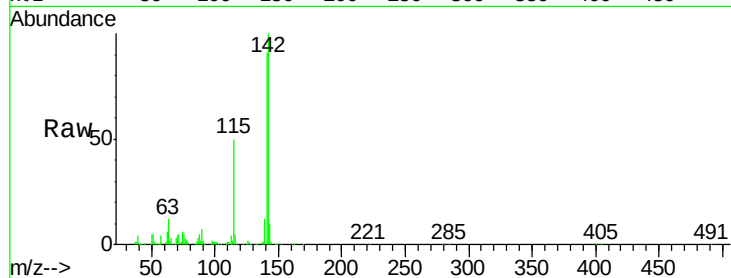




#37
2-Methylnaphthalene
Concen: 48.13 ng
RT: 12.54 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

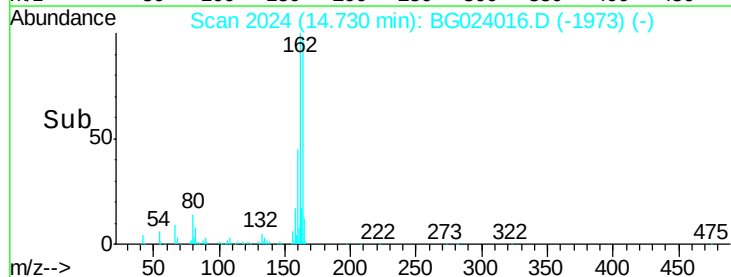
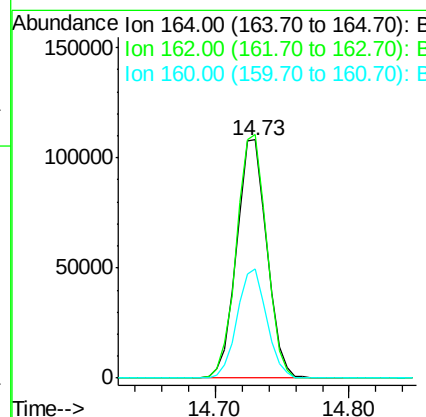
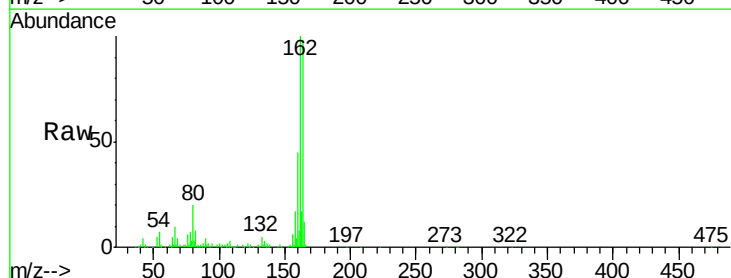
Instrument :
BNA_G
ClientSampled :
PB93419BS

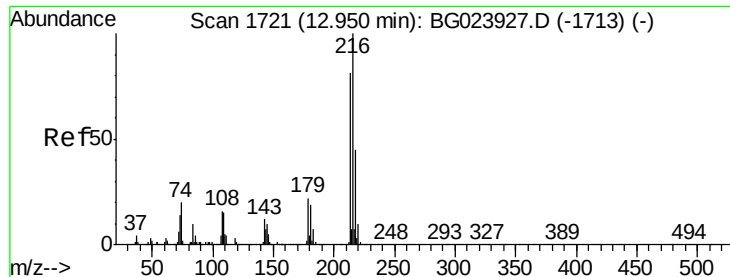
Tot Ion:142 Resp: 358444
Ion Ratio Lower Upper
142 100
141 91.2 70.2 105.2
115 49.6 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

Tgt Ion:164 Resp: 170601
Ion Ratio Lower Upper
164 100
162 102.3 87.7 131.5
160 45.7 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.60 ng

RT: 12.91 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

Tot Ion:216 Resp: 201570

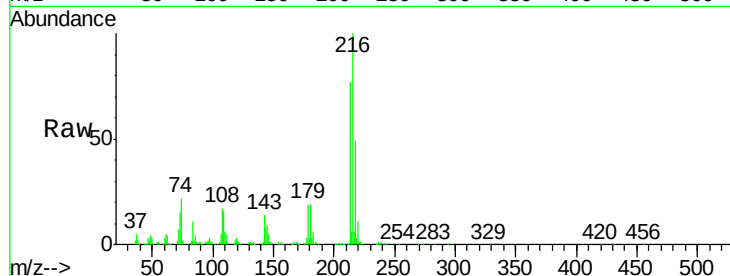
Ion Ratio Lower Upper

216 100

214 75.9 62.9 94.3

179 21.1 17.2 25.8

108 22.3 16.3 24.5

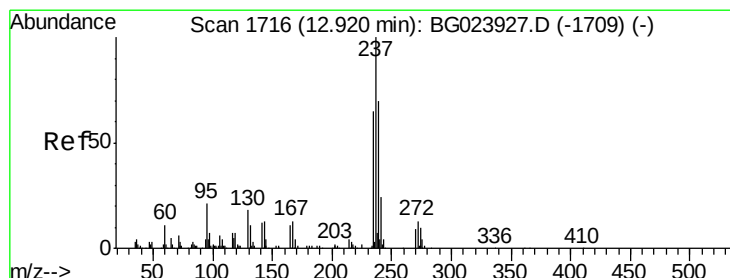
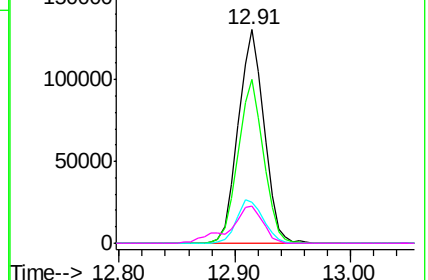
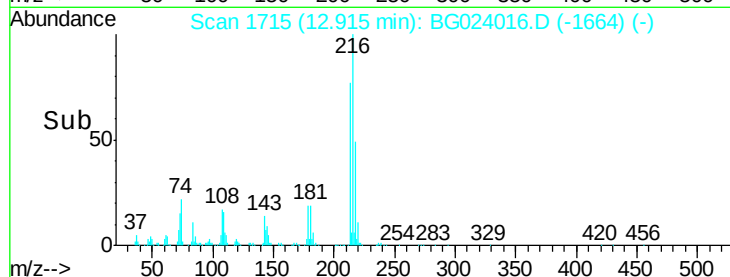


Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.99 ng

RT: 12.88 min Scan# 1709

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

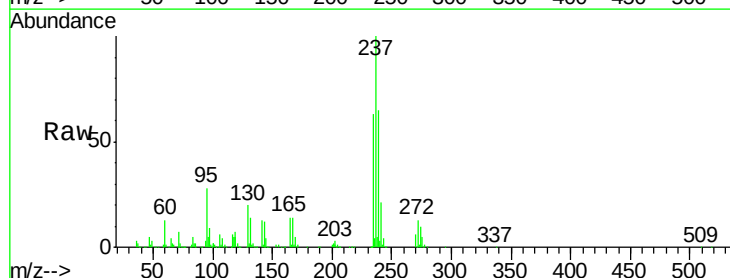
Tgt Ion:237 Resp: 246704

Ion Ratio Lower Upper

237 100

235 63.3 43.1 83.1

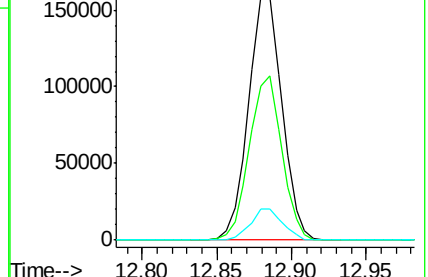
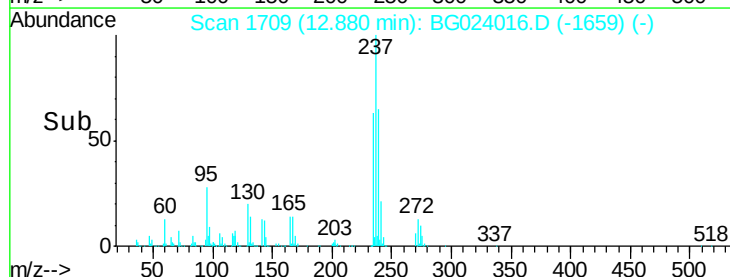
272 12.8 0.0 30.9

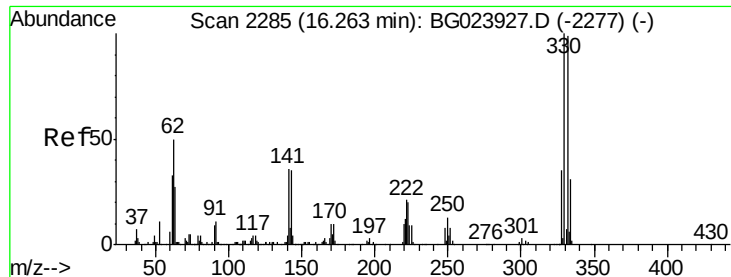


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

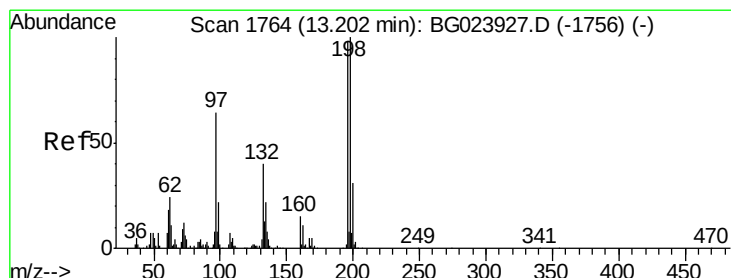
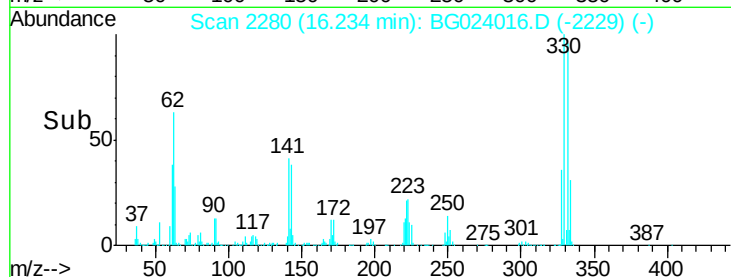
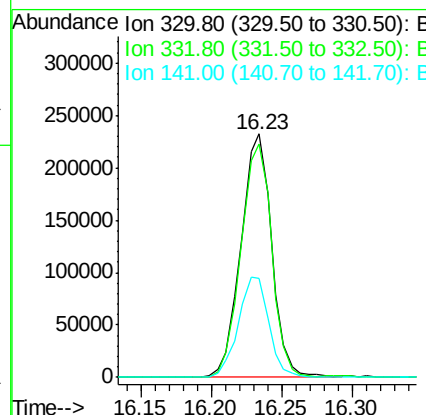
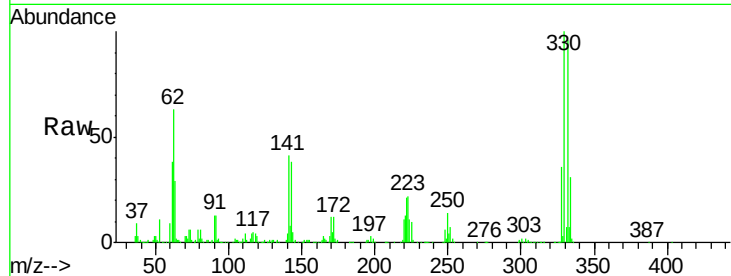




#41
 2,4,6-Tribromophenol
 Concen: 114.83 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG024016.D
 Acq: 17 Sep 2016 5:35

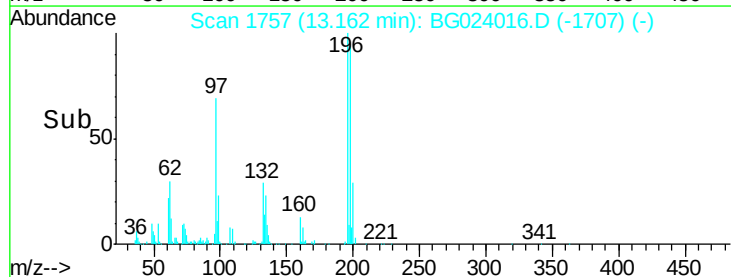
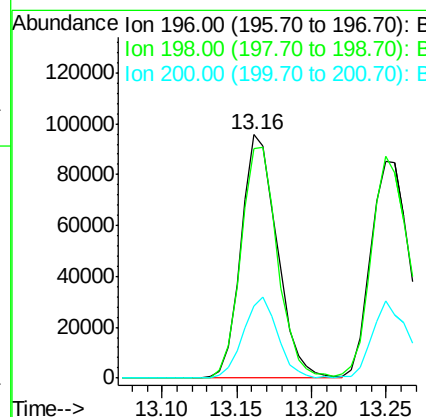
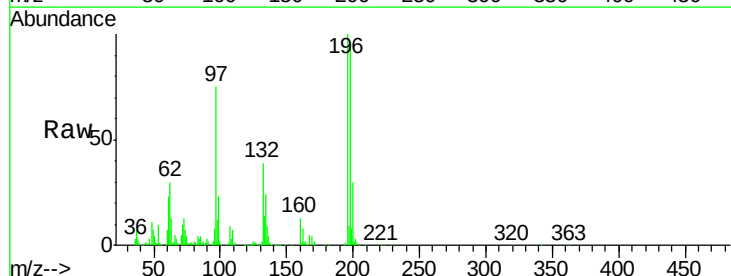
Instrument :
 BNA_G
 ClientSampleID :
 PB93419BS

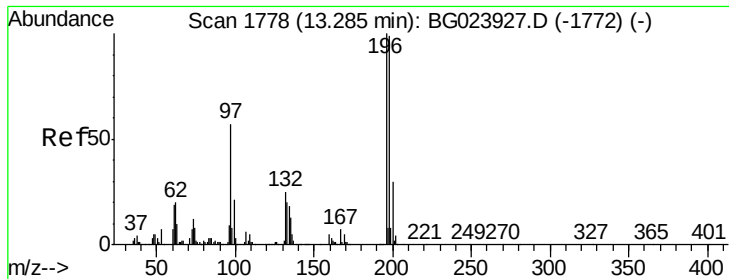
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.2
141	41.2	31.7	47.5



#42
 2,4,6-Trichlorophenol
 Concen: 42.61 ng
 RT: 13.16 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG024016.D
 Acq: 17 Sep 2016 5:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	78.2	117.2
200	29.8	27.0	40.4

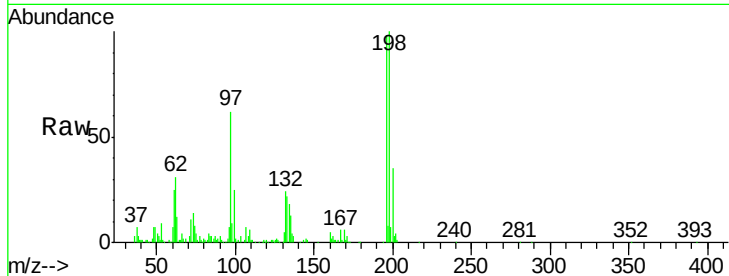




#43
2,4,5-Trichlorophenol
Concen: 41.50 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

Instrument :
BNA_G
ClientSampleId :
PB93419BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.8	85.7	128.5
97	63.1	45.5	68.3
132	24.7	18.9	28.3



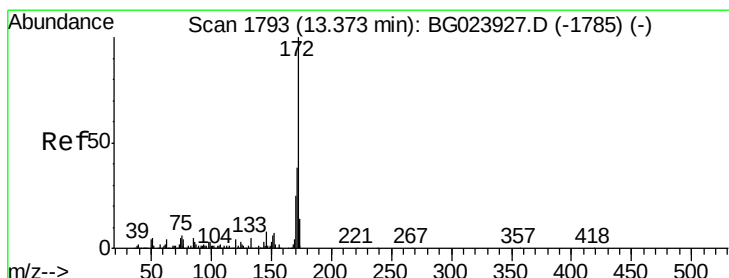
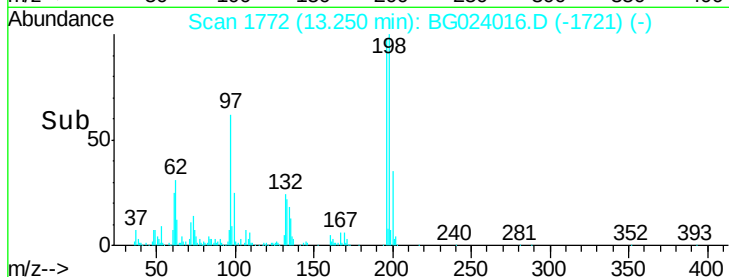
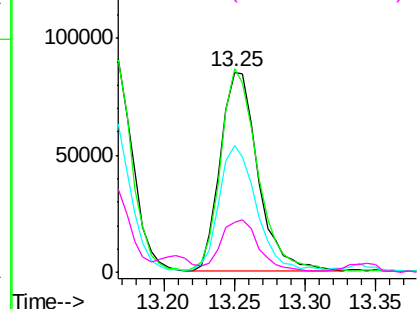
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

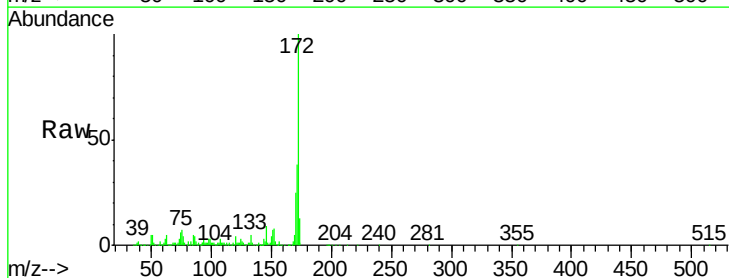
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 77.09 ng
RT: 13.34 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.6	47.4
170	25.3	21.3	31.9

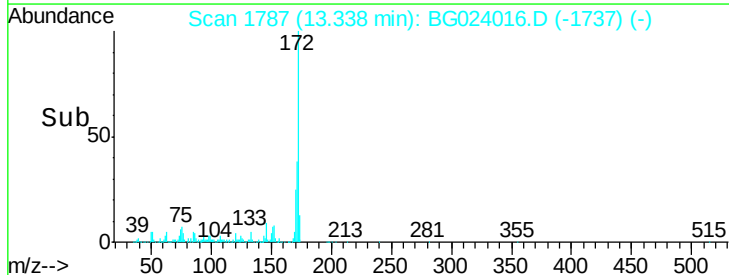
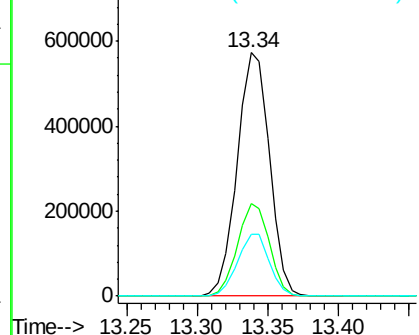


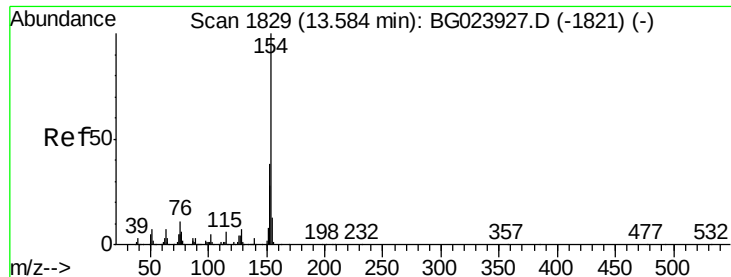
Abundance

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: 33.72 ng

RT: 13.56 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

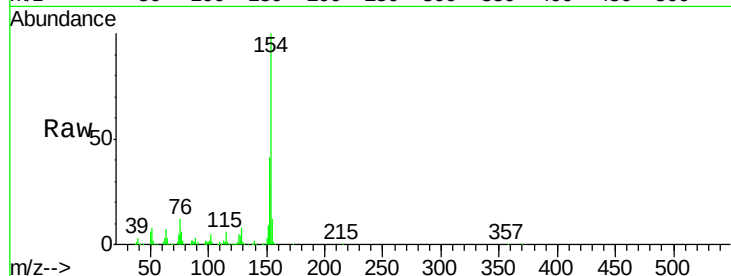
Tot Ion:154 Resp: 462736

Ion Ratio Lower Upper

154 100

153 40.9 20.2 60.2

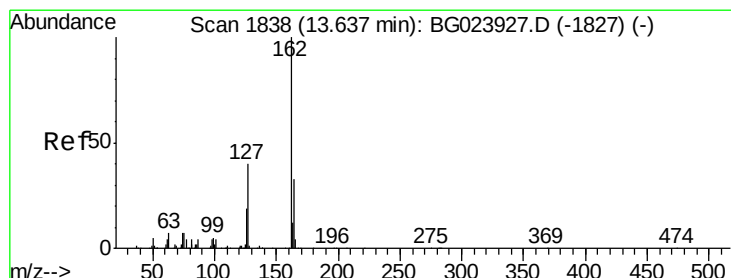
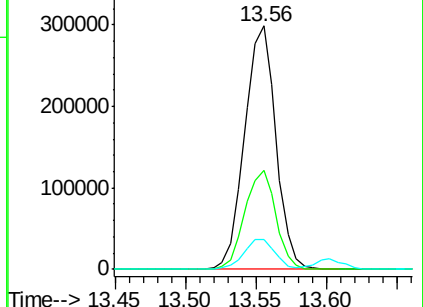
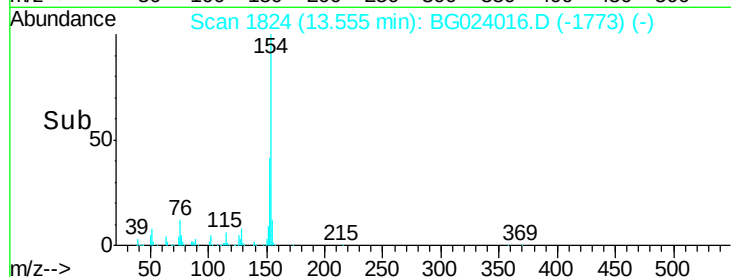
76 12.4 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 40.26 ng

RT: 13.60 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

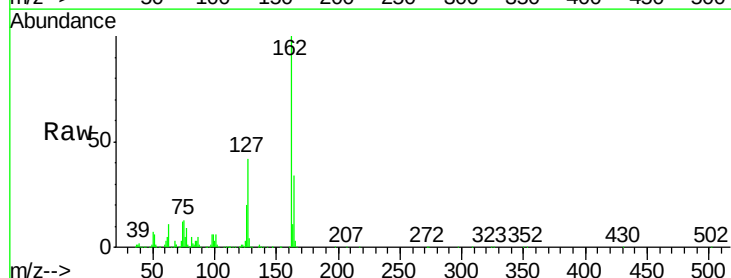
Tgt Ion:162 Resp: 405565

Ion Ratio Lower Upper

162 100

127 42.2 32.4 48.6

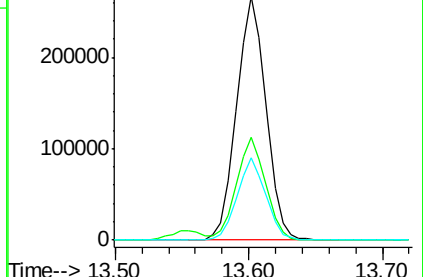
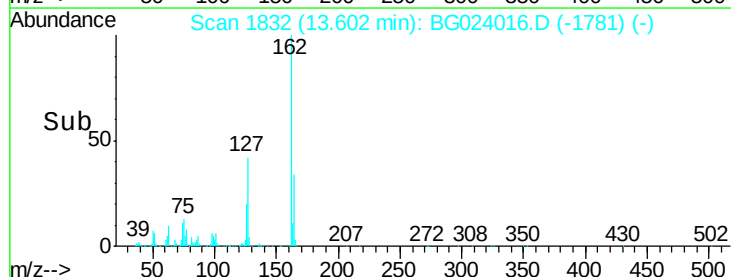
164 33.8 25.2 37.8

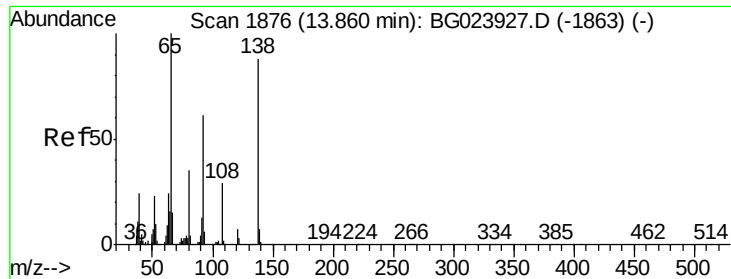


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

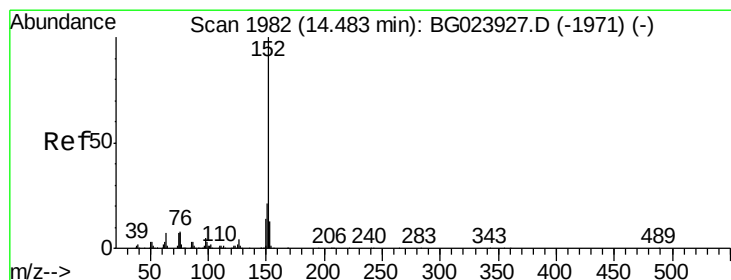
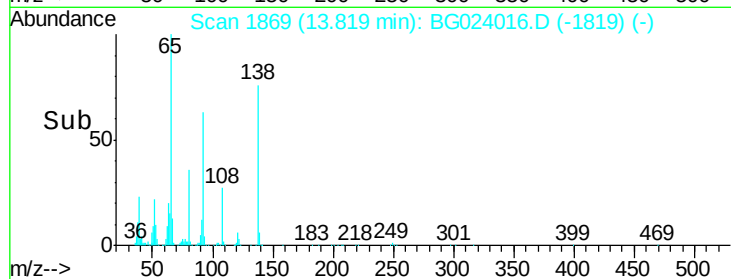
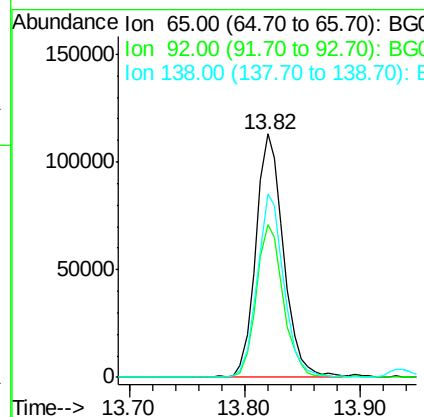
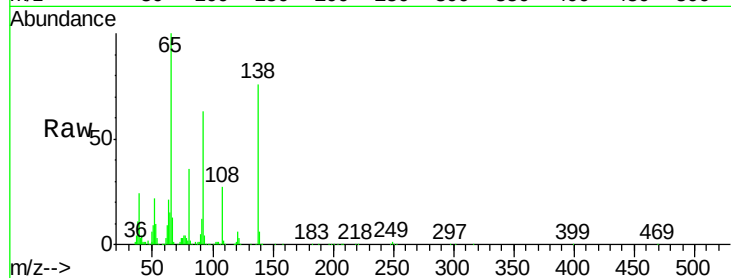




#47
2-Nitroaniline
Concen: 47.38 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

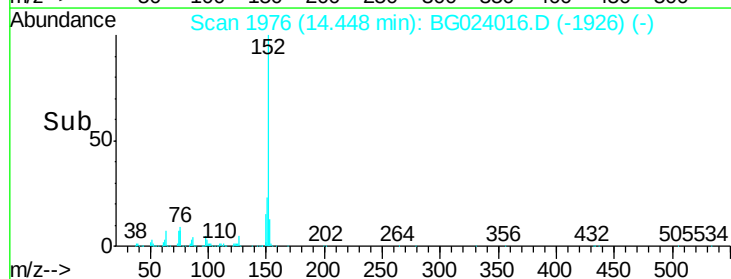
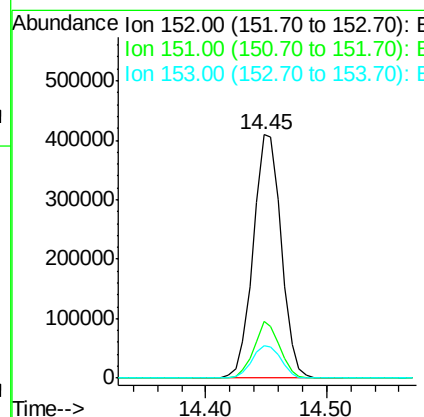
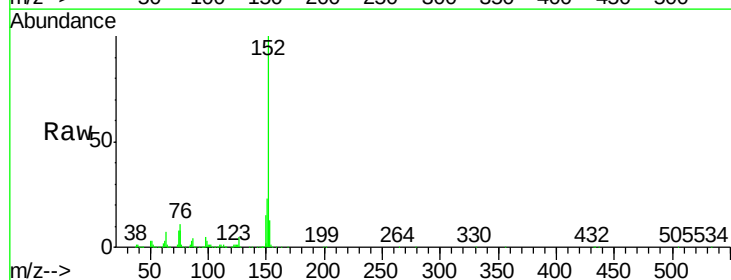
Instrument :
BNA_G
ClientSampleId :
PB93419BS

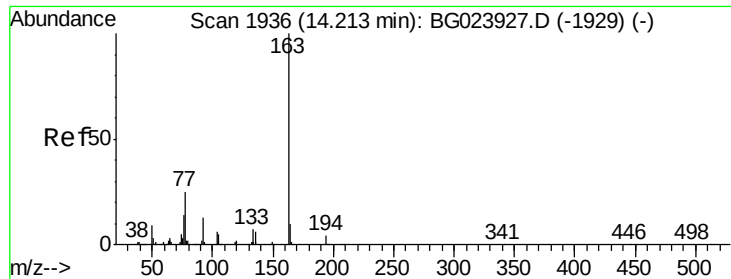
Tot Ion: 65 Resp: 188014
Ion Ratio Lower Upper
65 100
92 62.7 49.4 74.0
138 75.6 58.0 87.0



#48
Acenaphthylene
Concen: 39.57 ng
RT: 14.45 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

Tgt Ion: 152 Resp: 664430
Ion Ratio Lower Upper
152 100
151 23.3 17.6 26.4
153 13.3 11.4 17.2





#49

Dimethylphthalate

Concen: 40.41 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

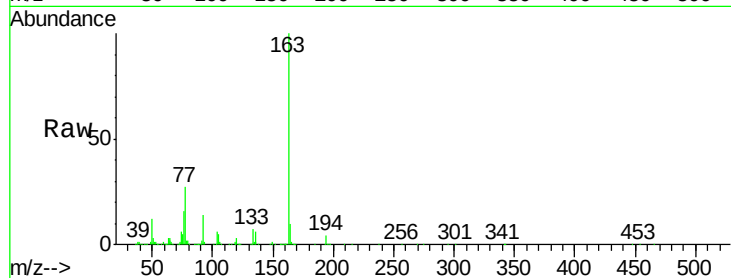
Tot Ion:163 Resp: 591159

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

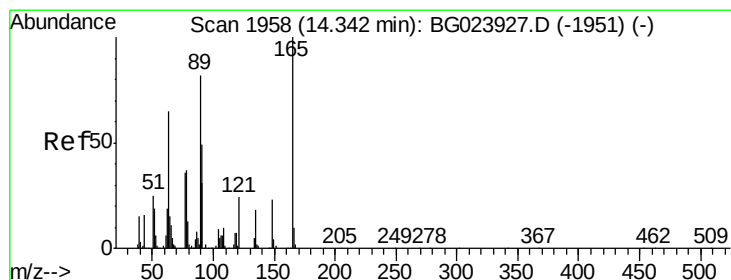
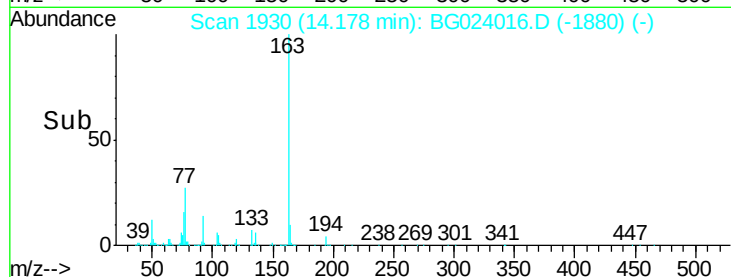
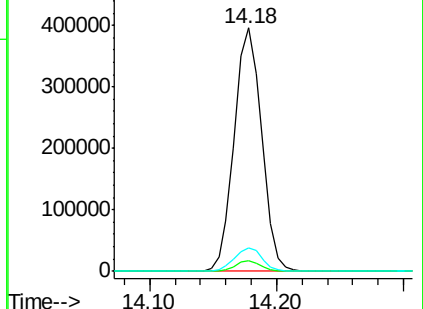
164 9.6 8.1 12.1



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: 41.55 ng

RT: 14.31 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

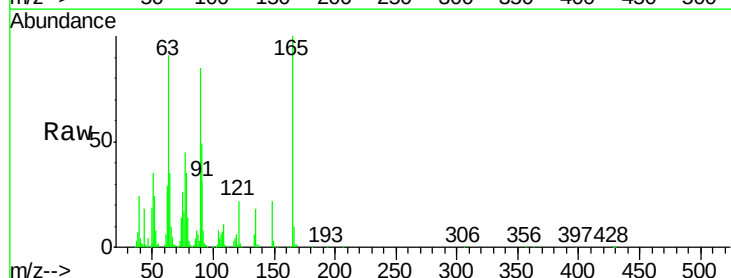
Tgt Ion:165 Resp: 128301

Ion Ratio Lower Upper

165 100

63 90.6 64.3 96.5

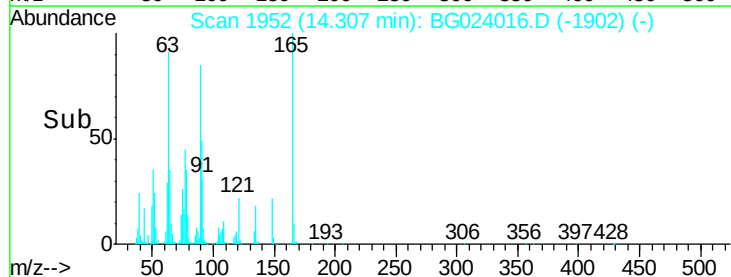
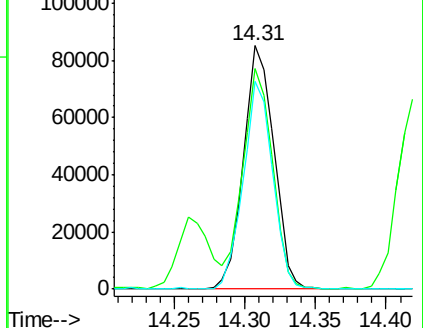
89 85.4 64.3 96.5

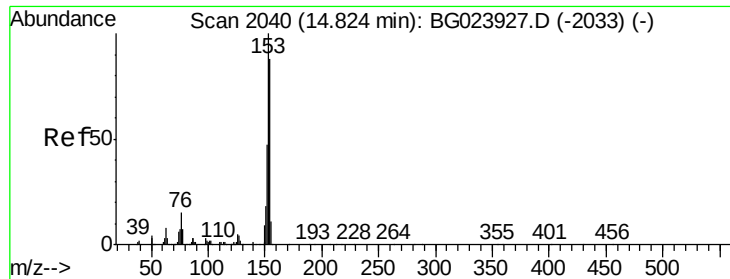


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.60 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

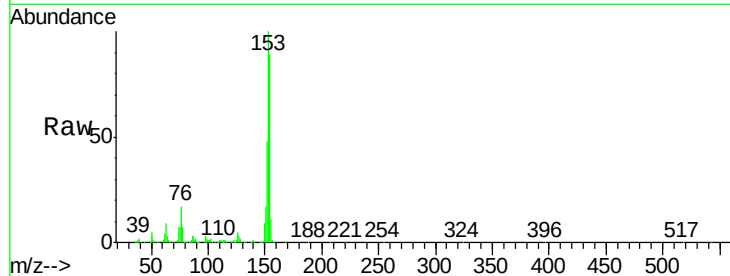
Tot Ion:154 Resp: 411064

Ion Ratio Lower Upper

154 100

153 112.6 87.5 131.3

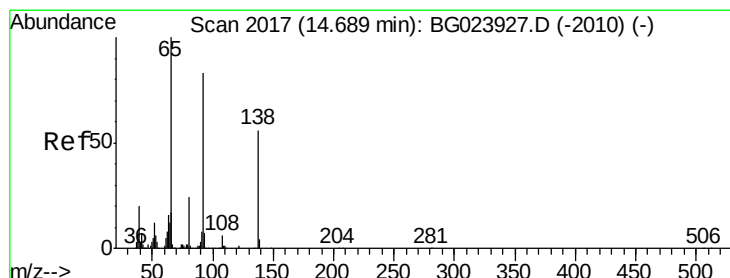
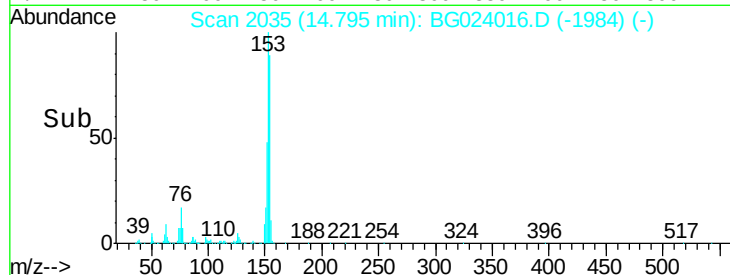
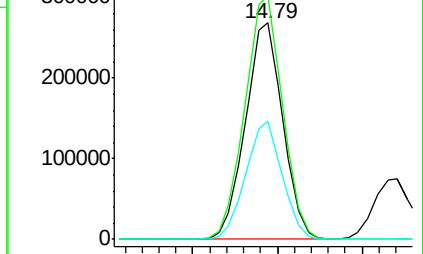
152 54.4 42.7 64.1



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: 25.16 ng

RT: 14.65 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

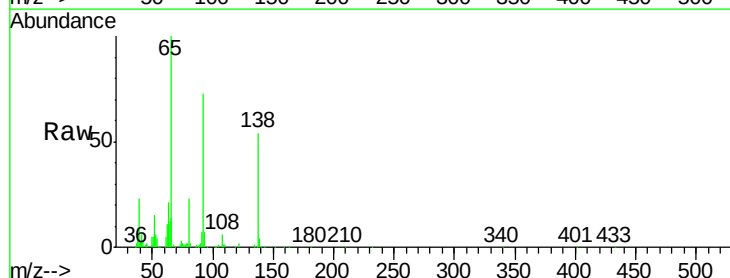
Tgt Ion:138 Resp: 72670

Ion Ratio Lower Upper

138 100

108 11.9 11.7 17.5

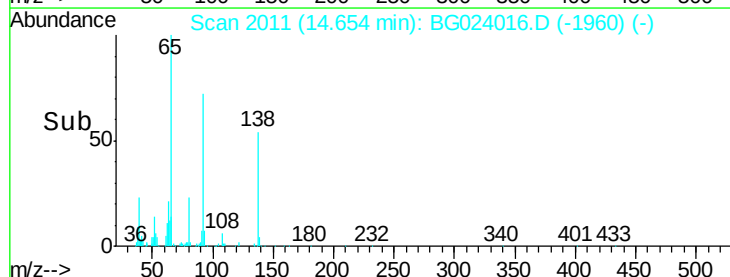
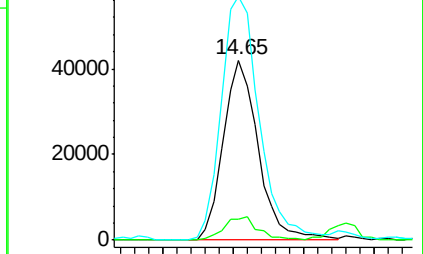
92 135.4 129.7 194.5

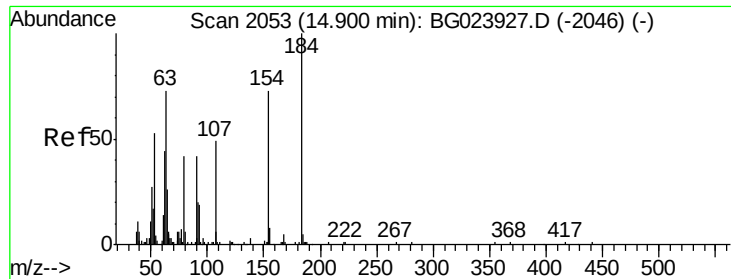


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

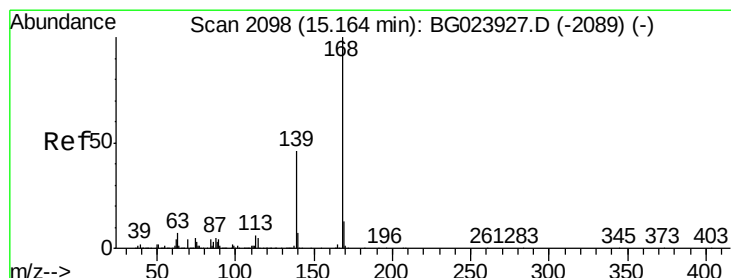
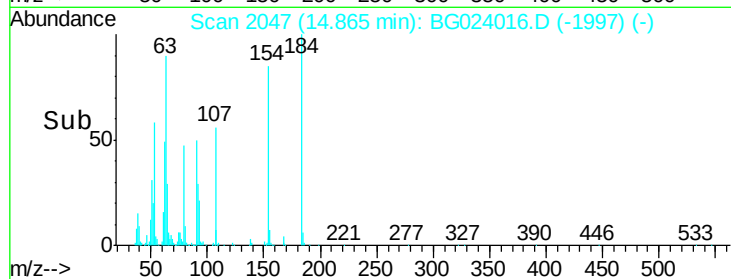
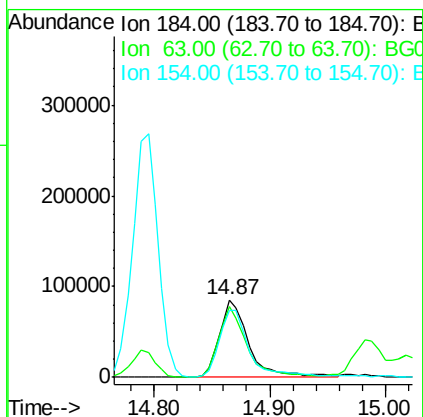
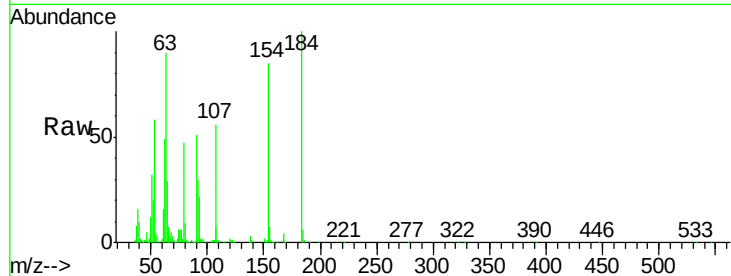




#53
 2,4-Dinitrophenol
 Concen: 67.97 ng
 RT: 14.87 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BG024016.D
 Acq: 17 Sep 2016 5:35

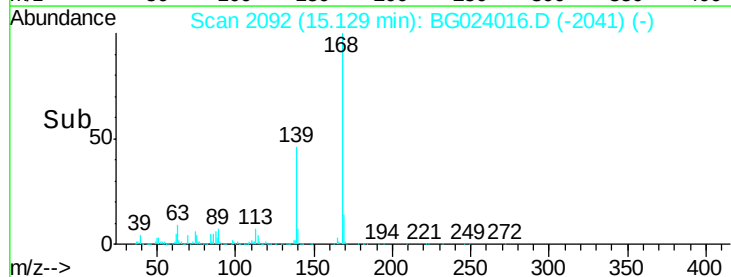
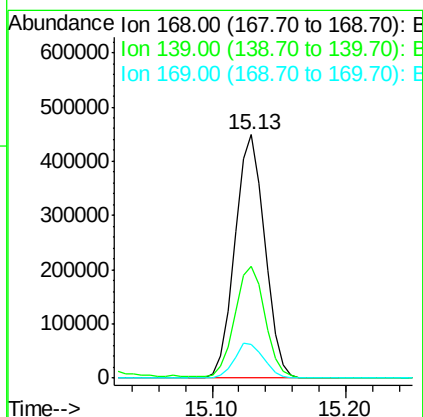
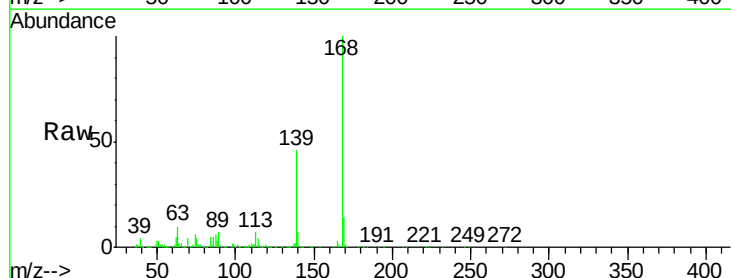
Instrument :
 BNA_G
 ClientSampleId :
 PB93419BS

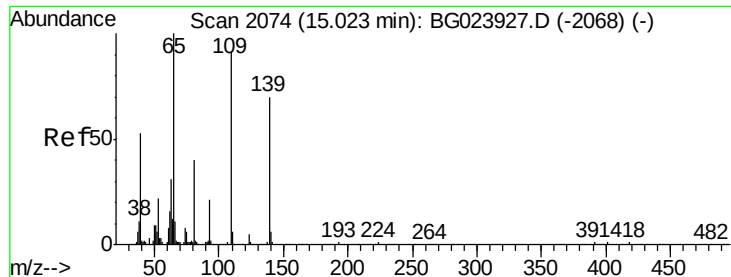
Tot Ion:184 Resp: 151048
 Ion Ratio Lower Upper
 184 100
 63 90.4 59.6 89.4#
 154 85.4 67.4 101.0



#54
 Dibenzofuran
 Concen: 42.84 ng
 RT: 15.13 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: BG024016.D
 Acq: 17 Sep 2016 5:35

Tgt Ion:168 Resp: 694089
 Ion Ratio Lower Upper
 168 100
 139 46.0 36.4 54.6
 169 13.6 11.9 17.9





#55

4-Nitrophenol

Concen: 71.86 ng

RT: 14.98 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

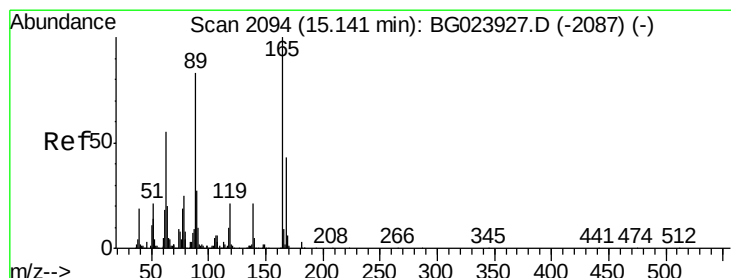
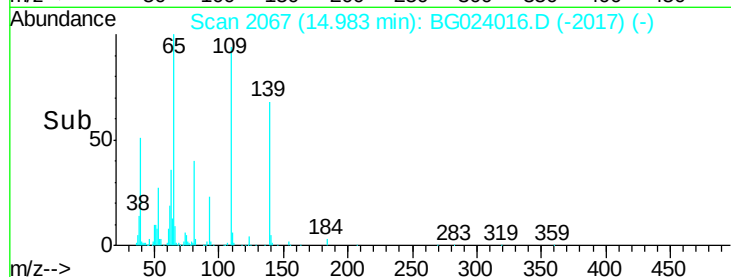
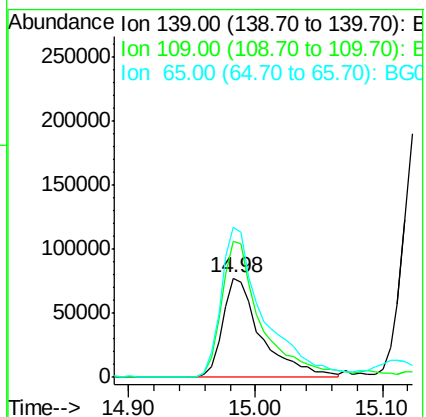
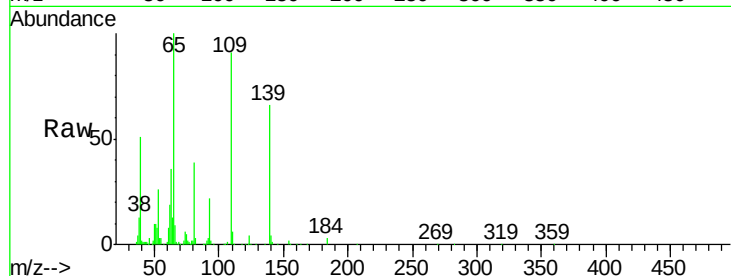
Tot Ion:139 Resp: 165153

Ion Ratio Lower Upper

139 100

109 137.3 103.0 143.0

65 150.8 112.7 152.7



#56

2,4-Dinitrotoluene

Concen: 42.62 ng

RT: 15.11 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Tgt Ion:165 Resp: 193444

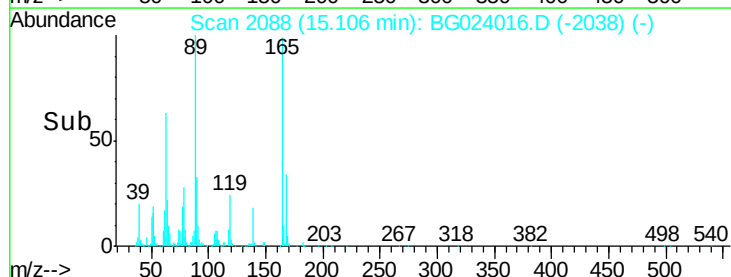
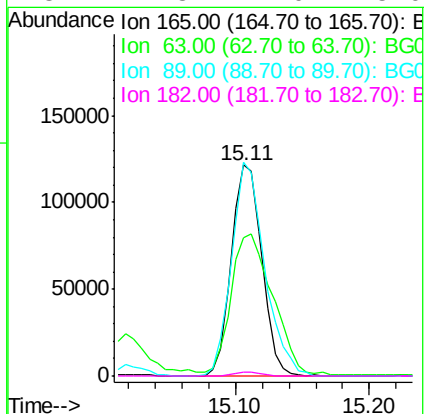
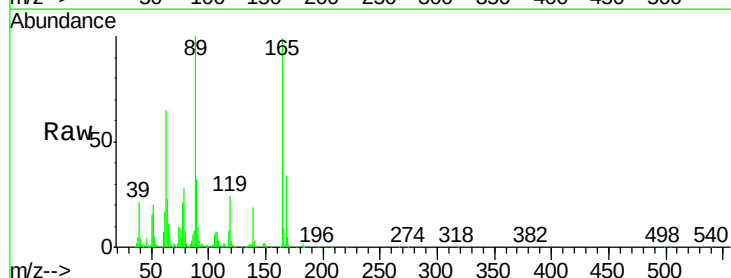
Ion Ratio Lower Upper

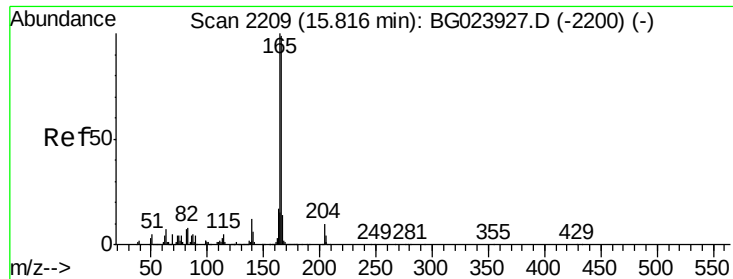
165 100

63 65.7 45.8 68.6

89 101.2 68.6 102.8

182 1.8 2.0 3.0#





#57

Fluorene

Concen: 41.15 ng

RT: 15.78 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

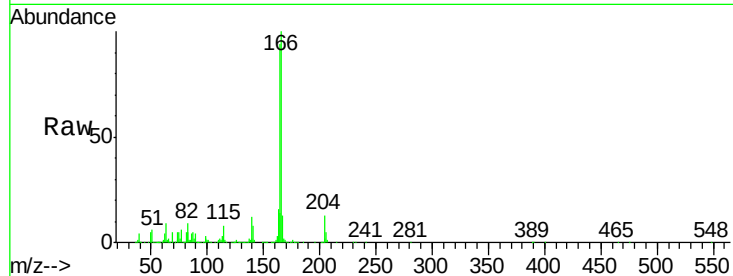
Tot Ion:166 Resp: 578157

Ion Ratio Lower Upper

166 100

165 94.1 81.0 121.6

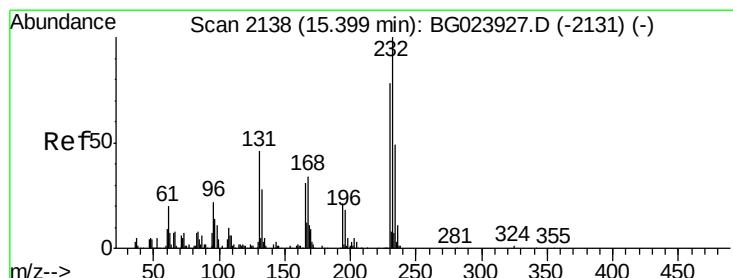
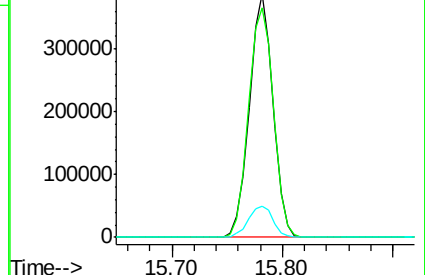
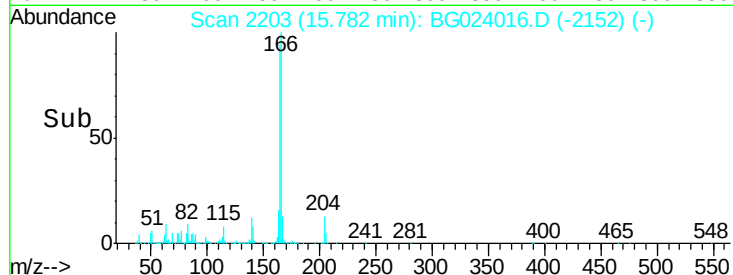
167 12.8 12.0 18.0



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: 47.13 ng

RT: 15.36 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Tgt Ion:232 Resp: 182743

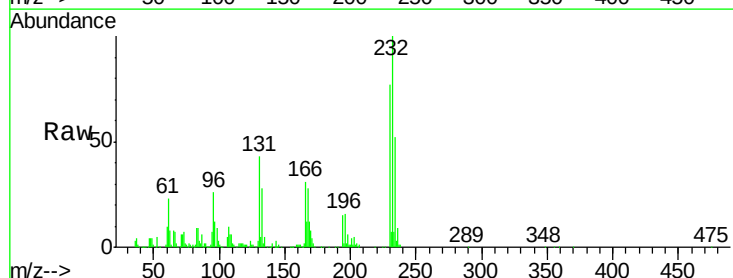
Ion Ratio Lower Upper

232 100

131 43.7 32.7 49.1

130 2.8 2.6 3.8

166 29.7 23.0 34.6

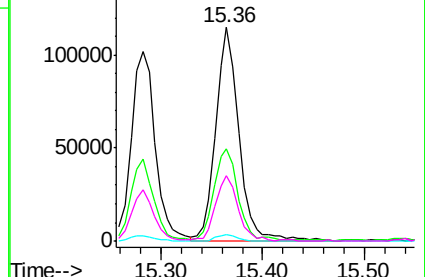
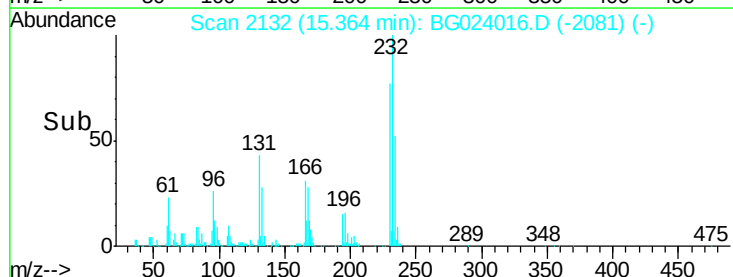


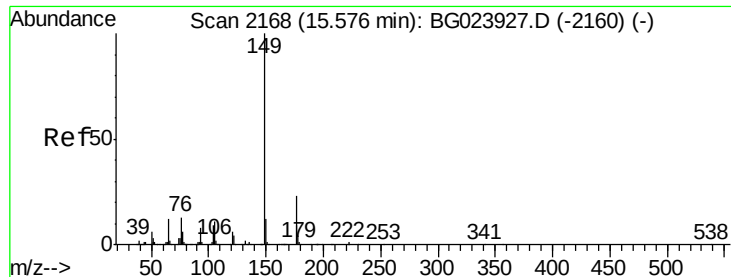
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.07 ng

RT: 15.54 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

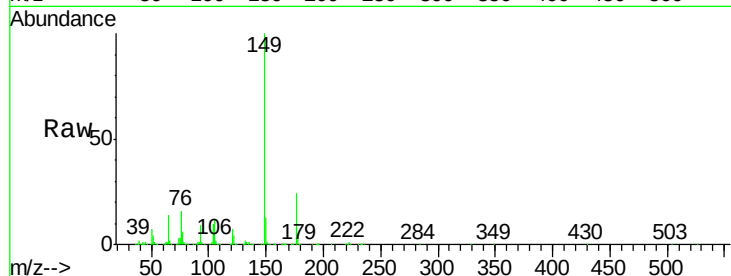
Tot Ion:149 Resp: 625846

Ion Ratio Lower Upper

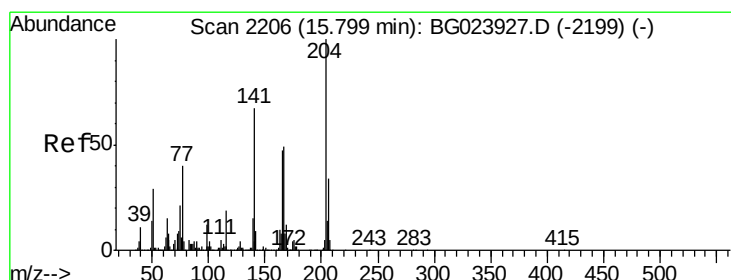
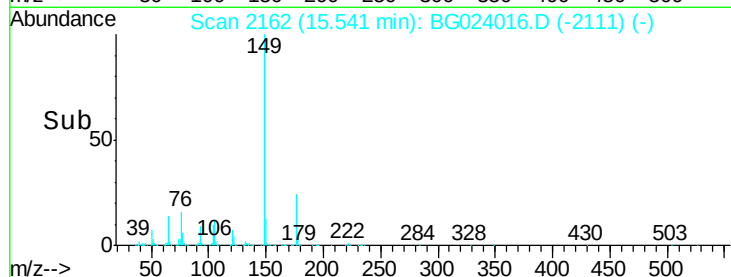
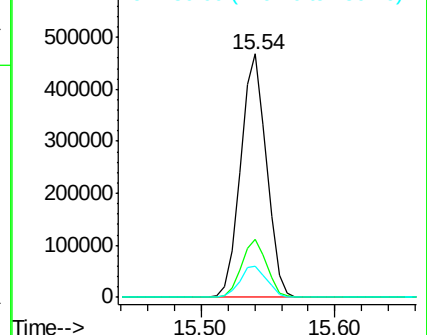
149 100

177 23.8 19.2 28.8

150 12.9 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.68 ng

RT: 15.76 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

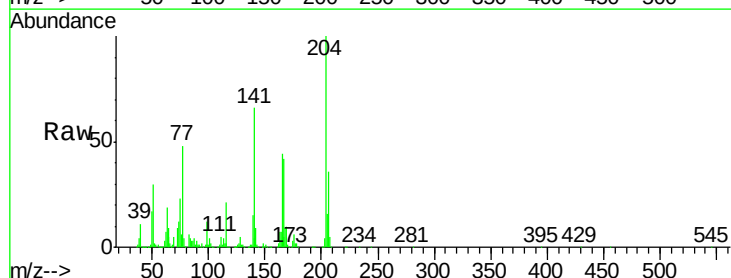
Tgt Ion:204 Resp: 315257

Ion Ratio Lower Upper

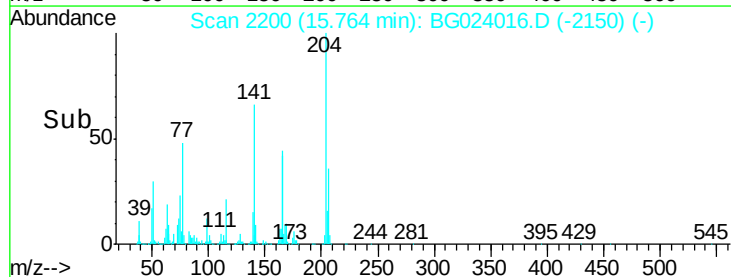
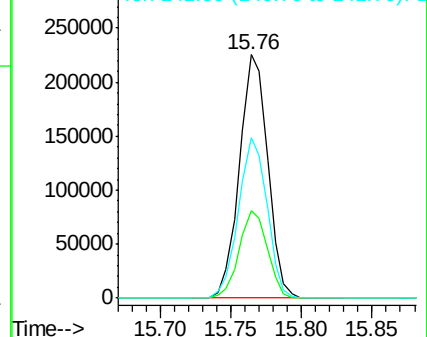
204 100

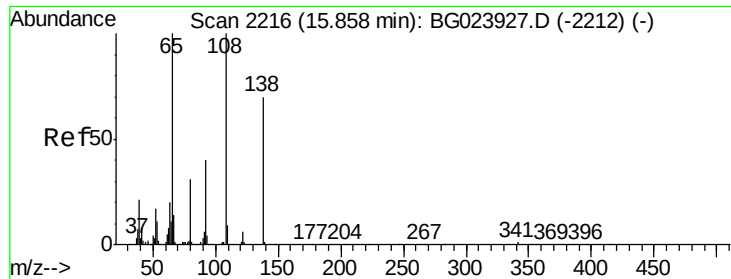
206 35.7 28.5 42.7

141 65.7 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

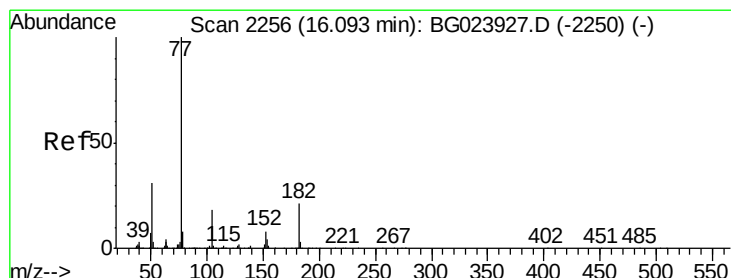
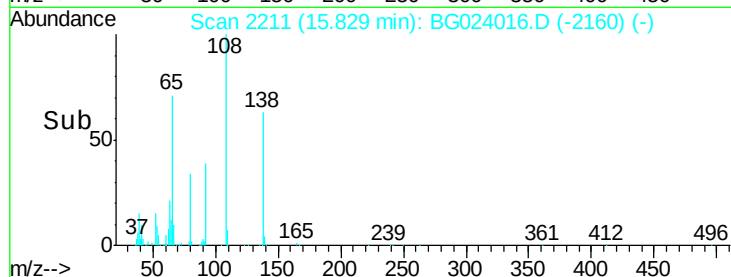
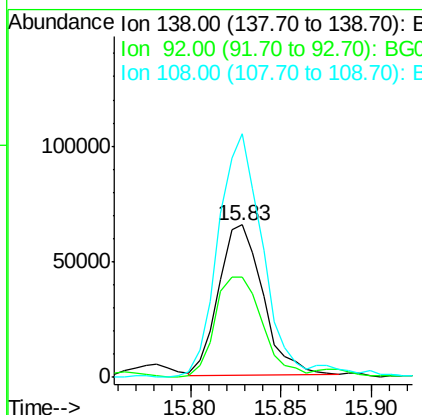
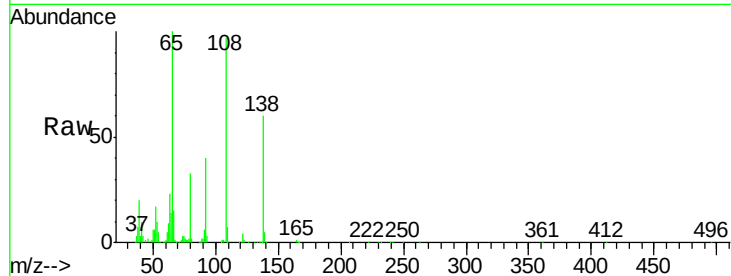




#61
4-Nitroaniline
Concen: 38.02 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

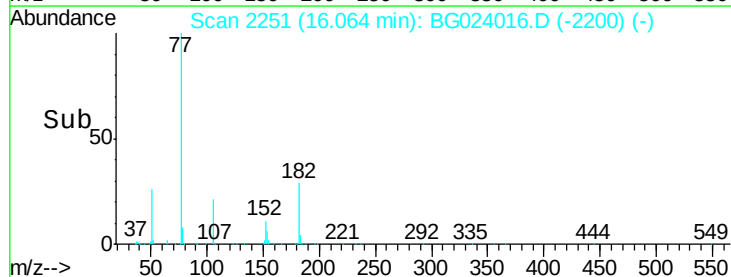
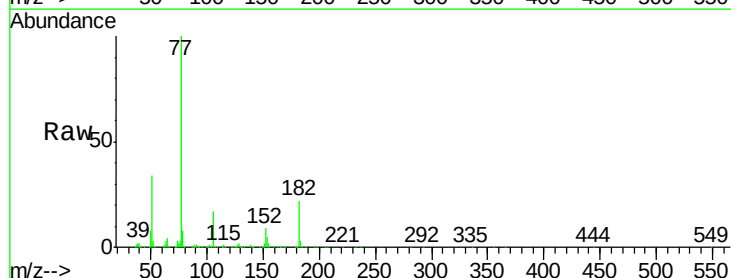
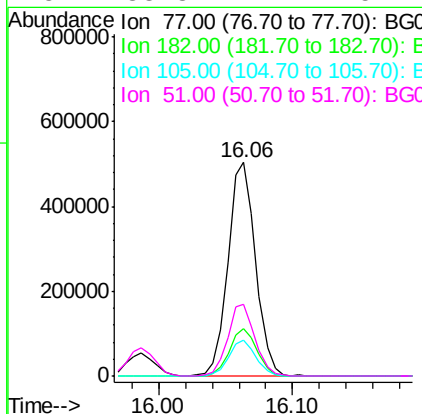
Instrument :
BNA_G
ClientSampleId :
PB93419BS

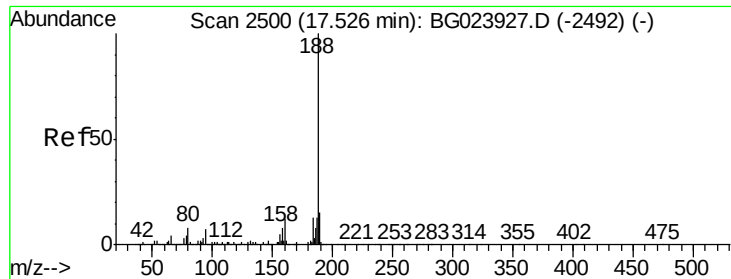
Tot Ion:138 Resp: 111026
Ion Ratio Lower Upper
138 100
92 65.8 54.1 94.1
108 160.0 133.9 173.9



#62
Azobenzene
Concen: 47.87 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

Tgt Ion: 77 Resp: 724081
Ion Ratio Lower Upper
77 100
182 22.3 3.5 43.5
105 16.7 0.0 38.5
51 33.8 17.1 57.1

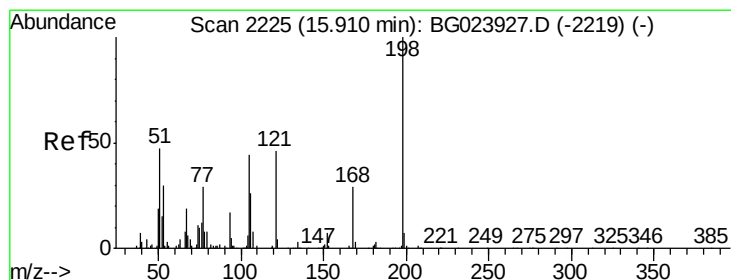
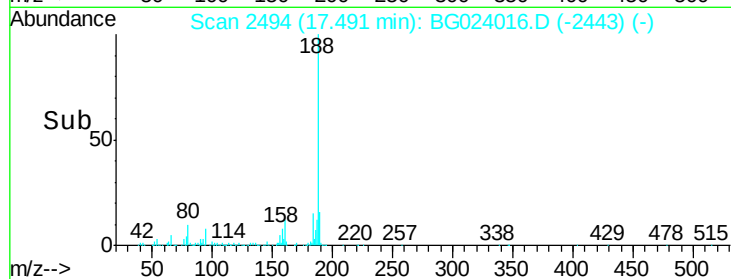
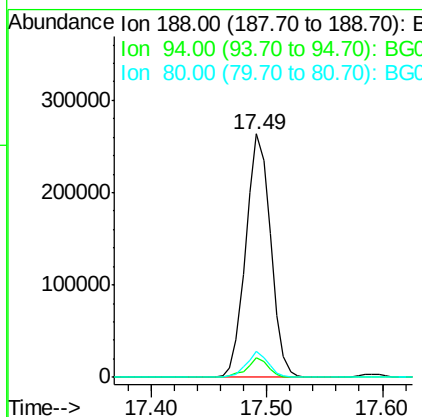
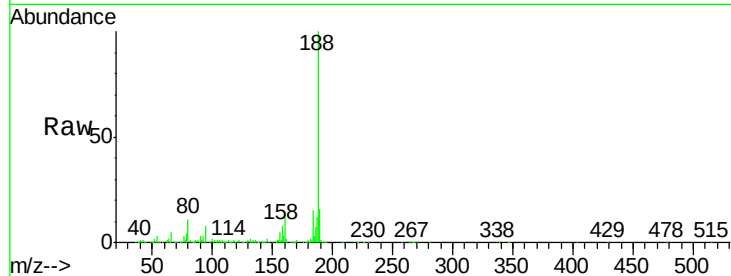




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2494
 Delta R.T. -0.00 min
 Lab File: BG024016.D
 Acq: 17 Sep 2016 5:35

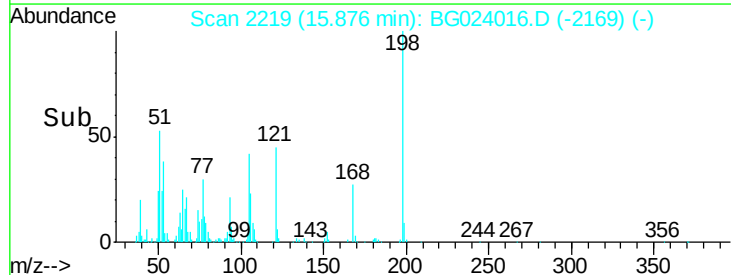
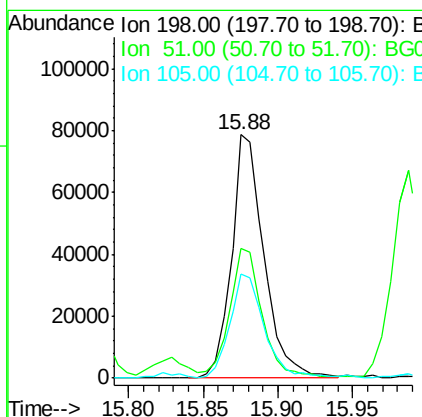
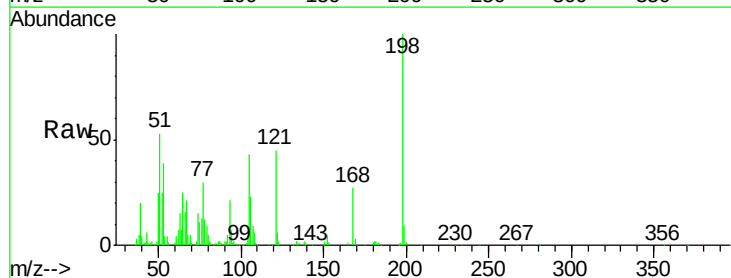
Instrument :
 BNA_G
 ClientSampleId :
 PB93419BS

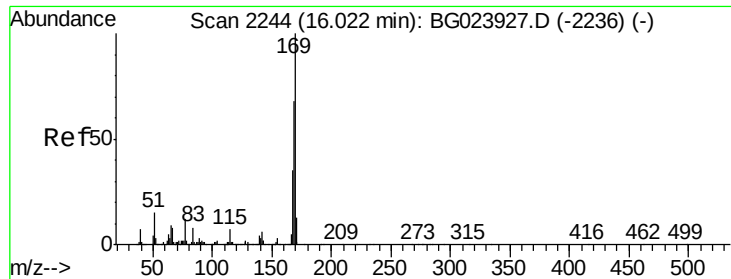
Tot Ion:188 Resp: 394725
 Ion Ratio Lower Upper
 188 100
 94 8.2 5.2 7.8#
 80 10.6 7.2 10.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.60 ng
 RT: 15.88 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG024016.D
 Acq: 17 Sep 2016 5:35

Tgt Ion:198 Resp: 119474
 Ion Ratio Lower Upper
 198 100
 51 53.3 26.0 66.0
 105 42.8 20.1 60.1

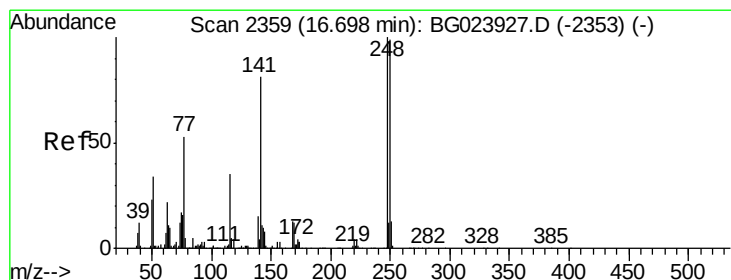
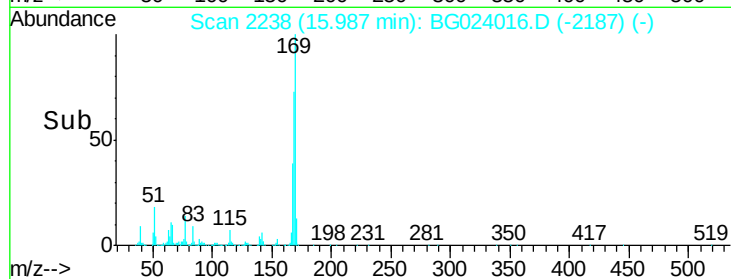
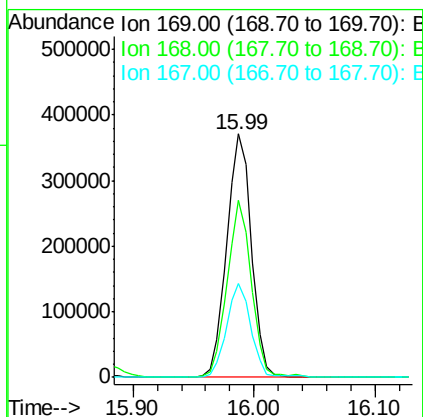
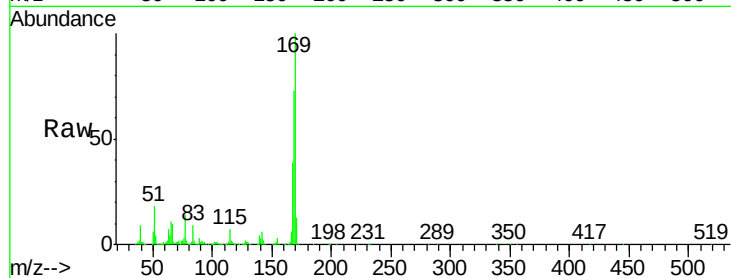




#65
 n-Nitrosodiphenylamine
 Concen: 46.99 ng
 RT: 15.99 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BG024016.D
 Acq: 17 Sep 2016 5:35

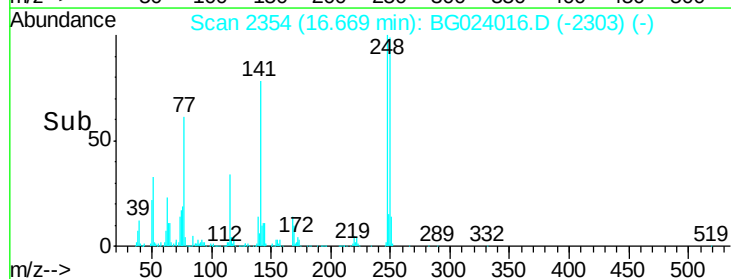
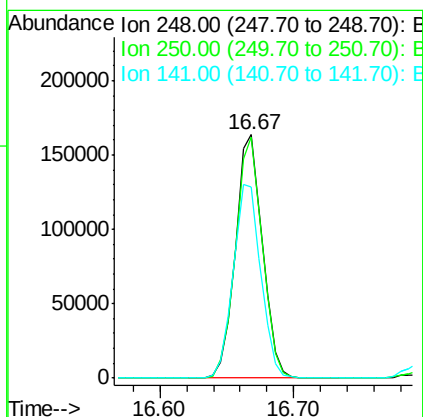
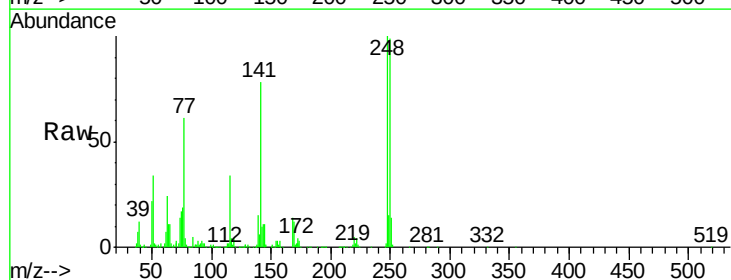
Instrument :
 BNA_G
 ClientSampleId :
 PB93419BS

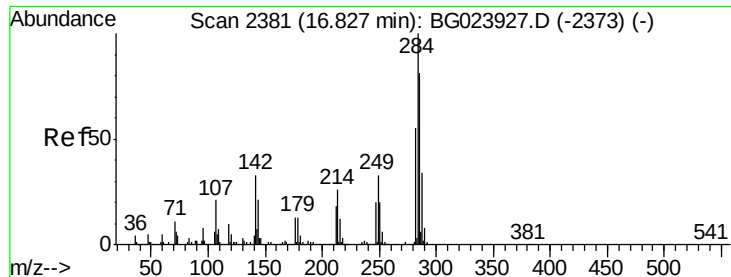
Tot Ion	Ratio	Lower	Upper
169	100		
168	72.9	55.0	82.4
167	38.6	27.4	41.0



#66
 4-Bromophenyl-phenylether
 Concen: 47.84 ng
 RT: 16.67 min Scan# 2354
 Delta R.T. -0.00 min
 Lab File: BG024016.D
 Acq: 17 Sep 2016 5:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.1	77.8	116.8
141	78.2	65.7	98.5





#67

Hexachlorobenzene

Concen: 43.64 ng

RT: 16.79 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

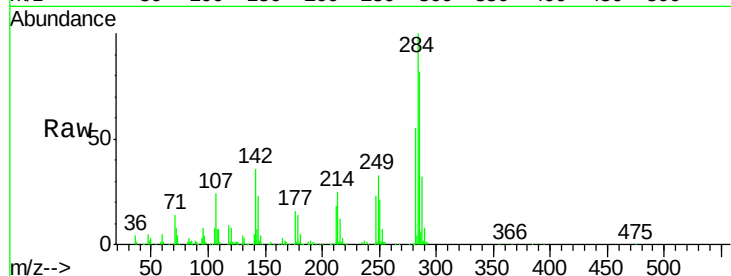
Tot Ion:284 Resp: 245790

Ion Ratio Lower Upper

284 100

142 35.7 26.8 40.2

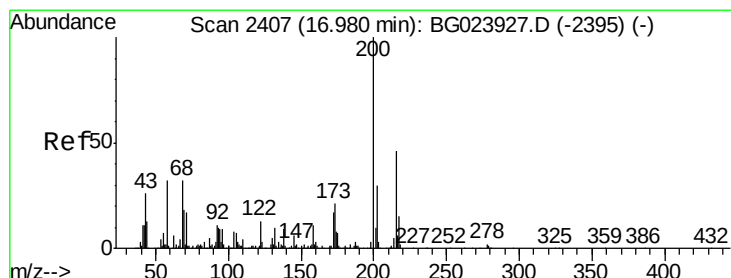
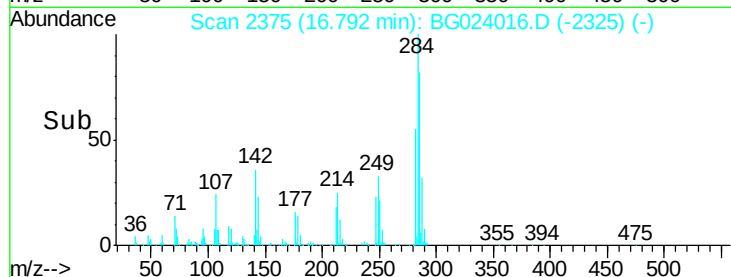
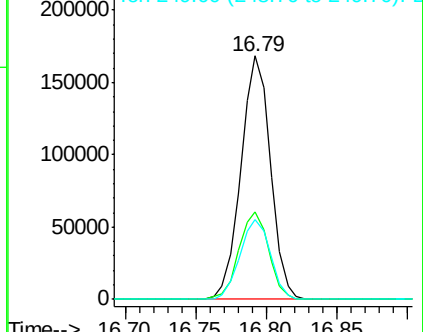
249 32.9 28.9 43.3



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: 45.97 ng

RT: 16.94 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

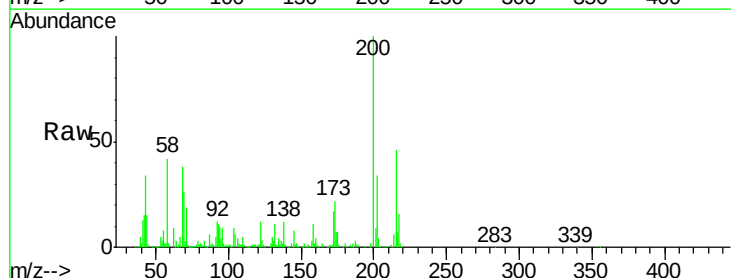
Tgt Ion:200 Resp: 221741

Ion Ratio Lower Upper

200 100

173 21.6 1.6 41.6

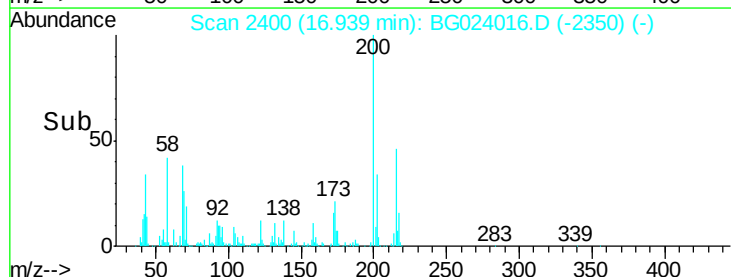
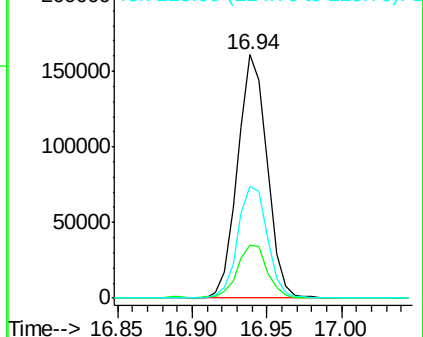
215 45.7 28.7 68.7

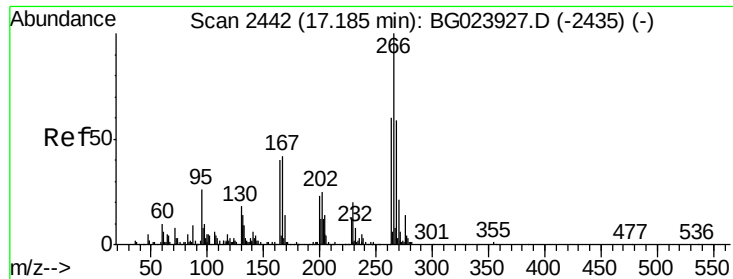


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 80.40 ng

RT: 17.15 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

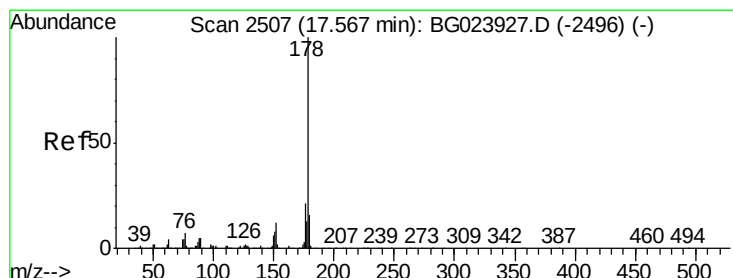
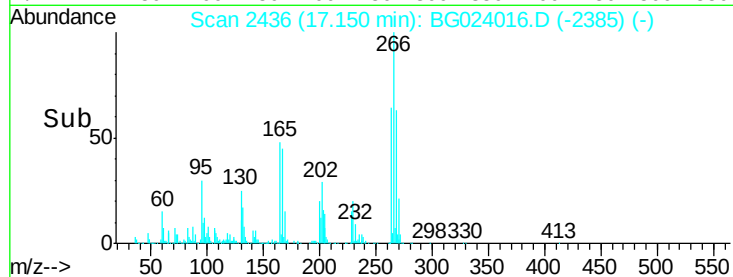
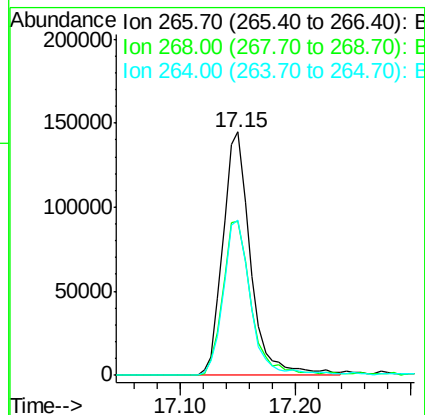
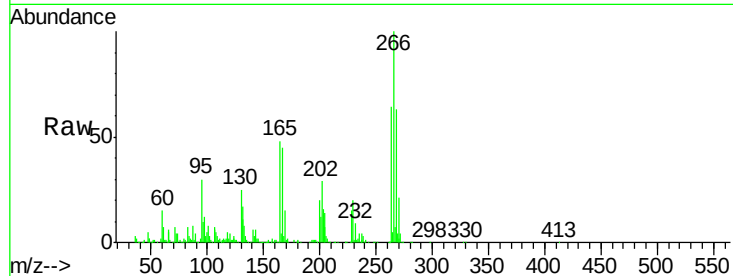
Instrument :

BNA_G

ClientSampleId :

PB93419BS

Tot Ion:266	Resp:	240517
Ion Ratio	Lower	Upper
266	100	
268	63.3	51.9 77.9
264	64.0	50.6 75.8



#70

Phenanthrene

Concen: 47.80 ng

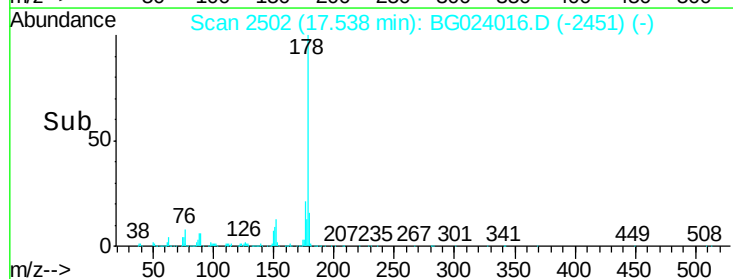
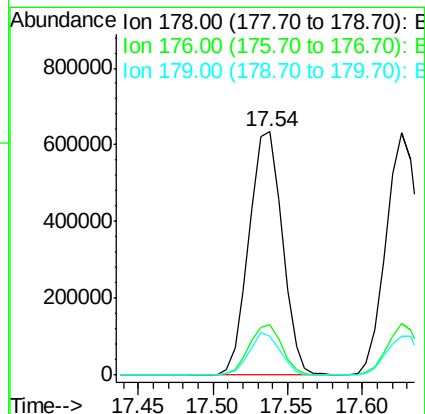
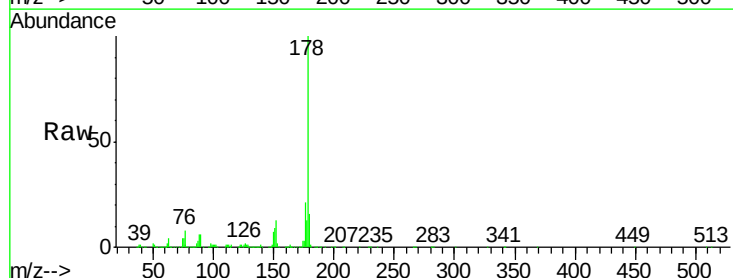
RT: 17.54 min Scan# 2502

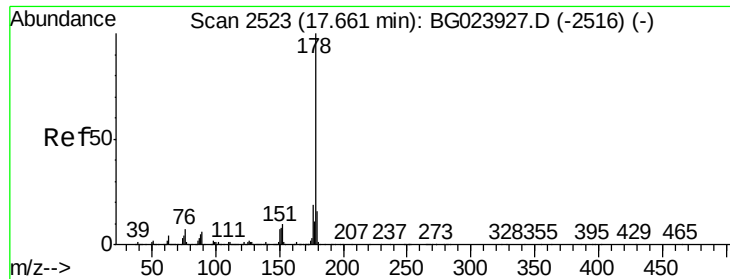
Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Tgt Ion:178	Resp:	981507
Ion Ratio	Lower	Upper
178	100	
176	20.9	16.8 25.2
179	16.1	14.3 21.5

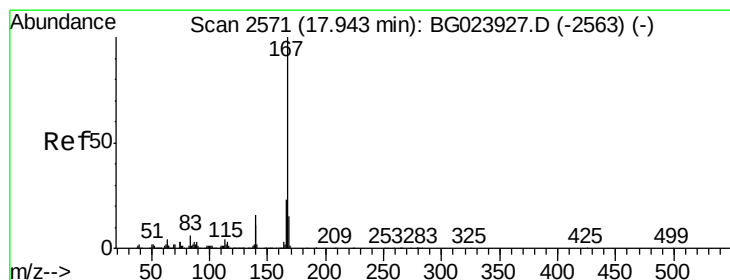
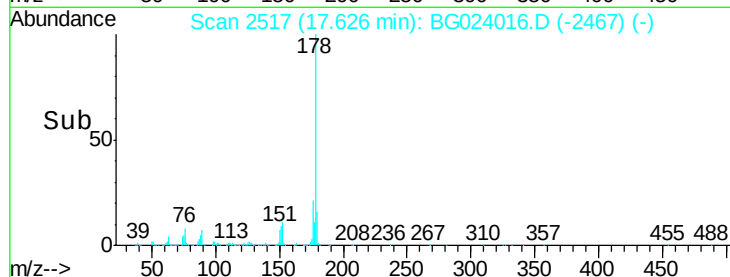
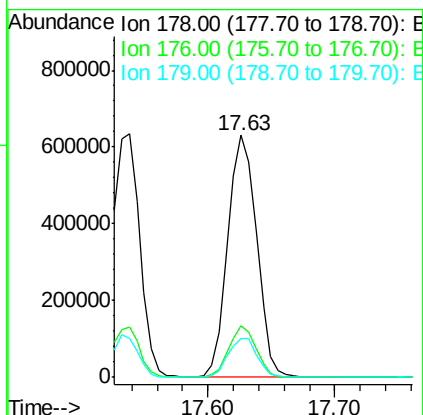
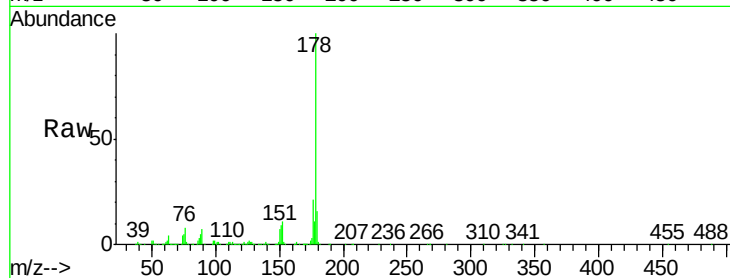




#71
 Anthracene
 Concen: 47.33 ng
 RT: 17.63 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG024016.D
 Acq: 17 Sep 2016 5:35

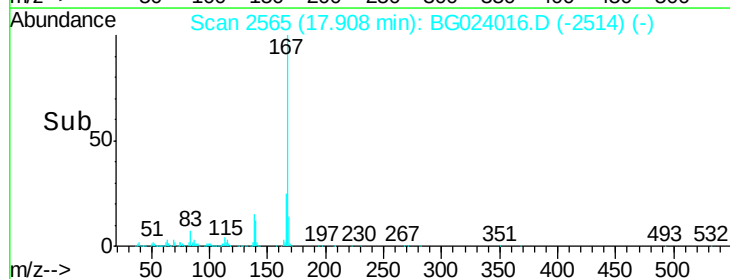
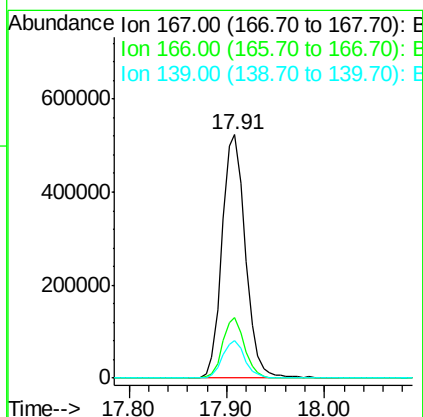
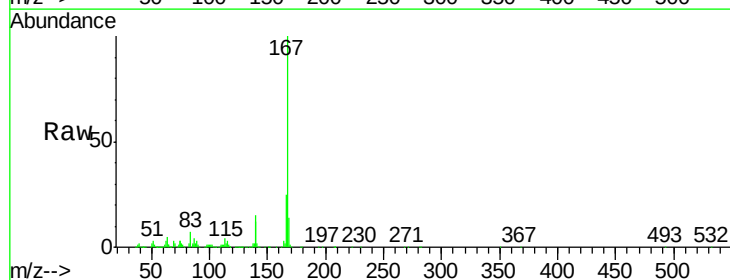
Instrument :
 BNA_G
 ClientSampleId :
 PB93419BS

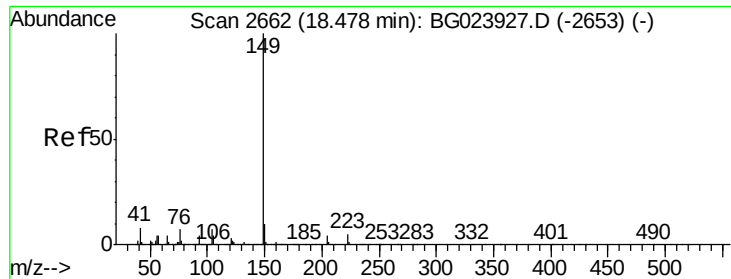
Tot Ion:178 Resp: 991303
 Ion Ratio Lower Upper
 178 100
 176 21.3 17.3 25.9
 179 16.1 14.0 21.0



#72
 Carbazole
 Concen: 45.60 ng
 RT: 17.91 min Scan# 2565
 Delta R.T. -0.00 min
 Lab File: BG024016.D
 Acq: 17 Sep 2016 5:35

Tgt Ion:167 Resp: 866818
 Ion Ratio Lower Upper
 167 100
 166 24.7 20.7 31.1
 139 15.4 11.9 17.9





#73

Di-n-butylphthalate

Concen: 46.29 ng

RT: 18.44 min Scan# 2656

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

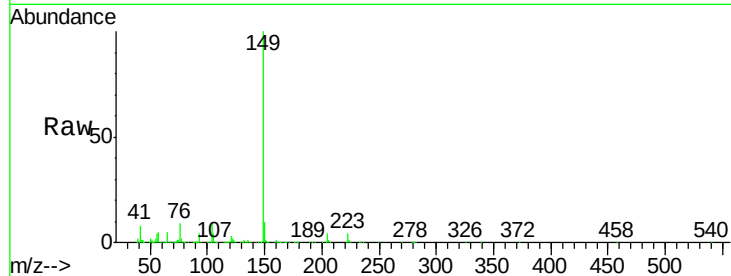
Tot Ion:149 Resp: 1049746

Ion Ratio Lower Upper

149 100

150 10.3 9.1 13.7

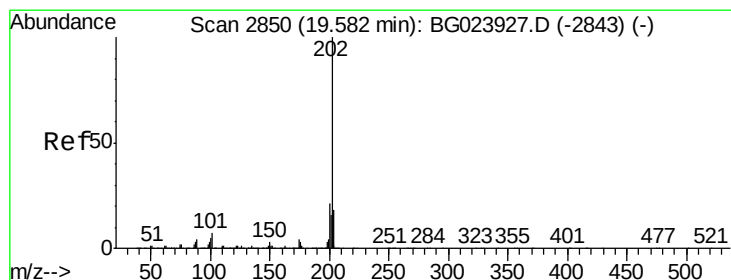
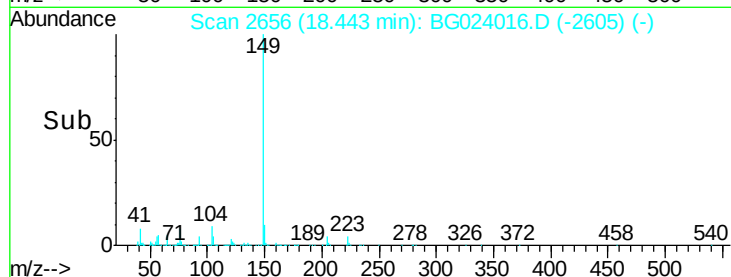
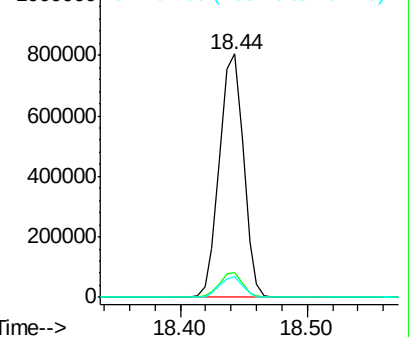
104 8.5 6.9 10.3



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: 46.93 ng

RT: 19.55 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

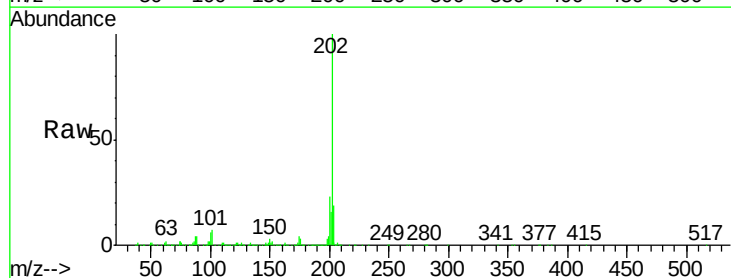
Tgt Ion:202 Resp: 1160187

Ion Ratio Lower Upper

202 100

101 7.2 0.0 27.4

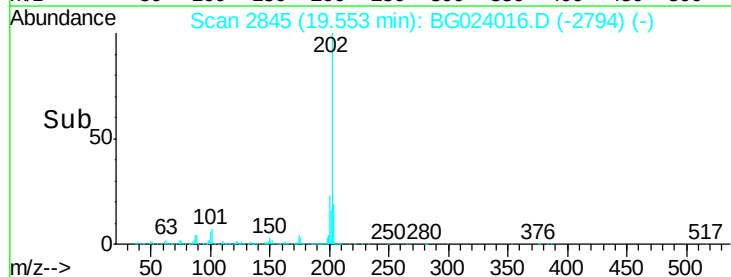
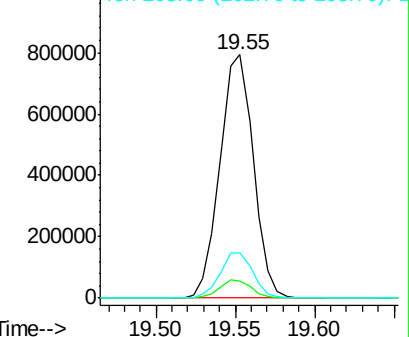
203 18.5 1.7 41.7

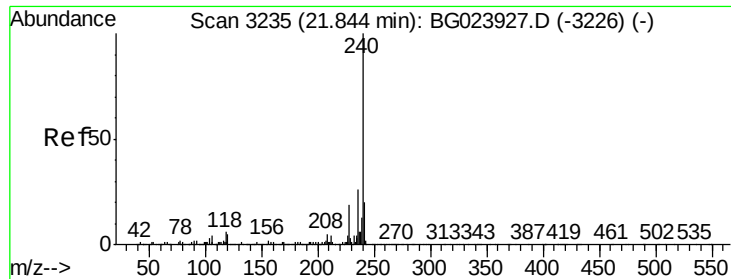


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

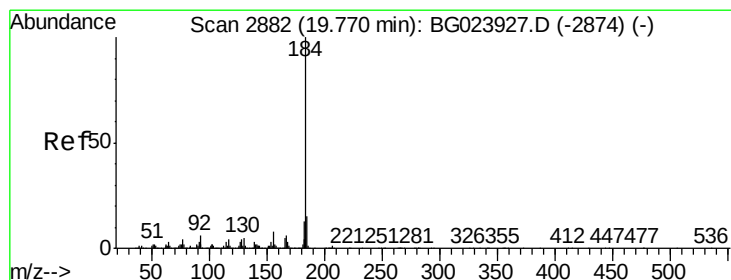
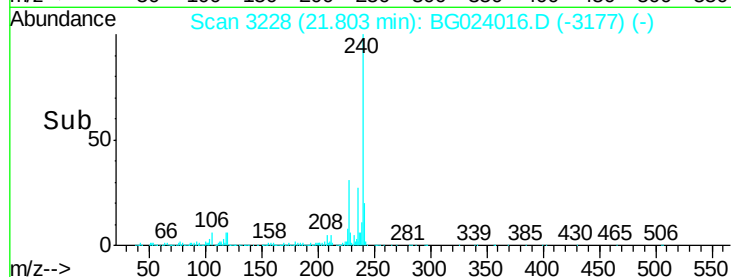
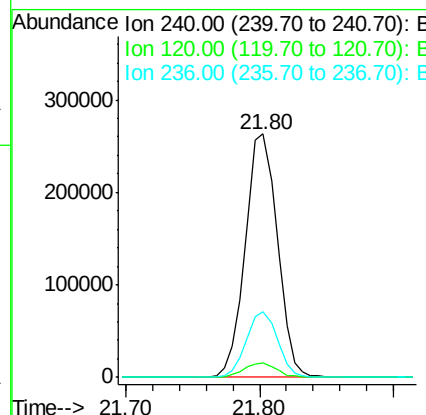
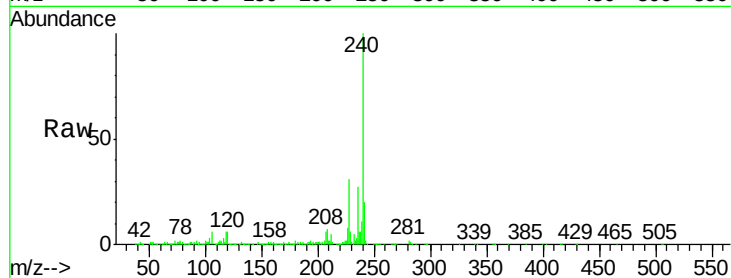




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

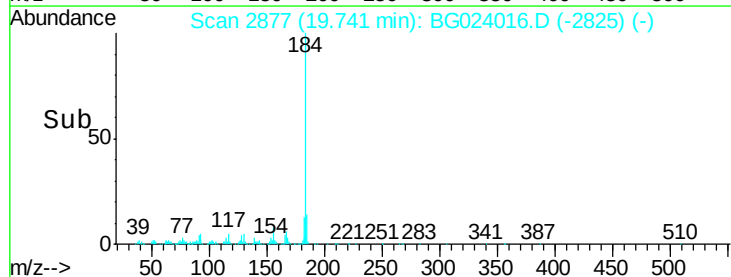
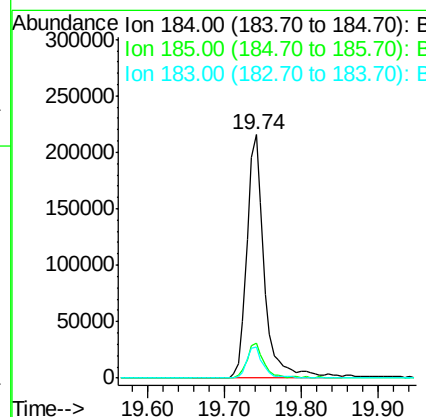
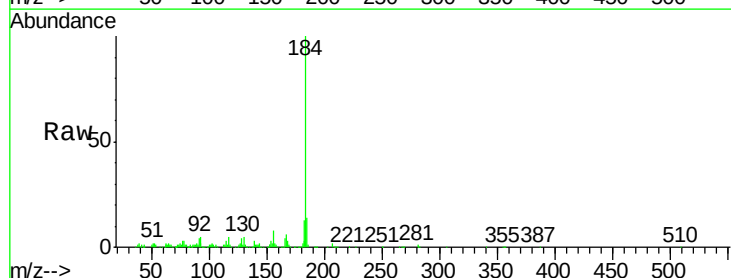
Instrument :
BNA_G
ClientSampleId :
PB93419BS

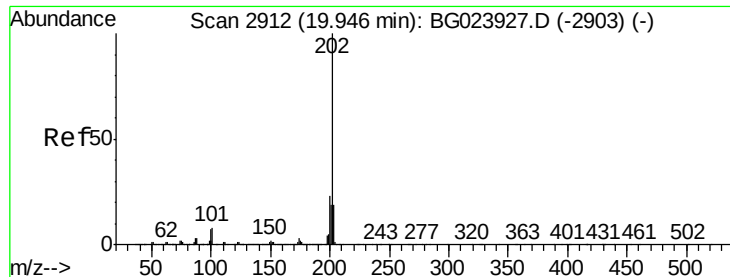
Tot Ion:240 Resp: 438178
Ion Ratio Lower Upper
240 100
120 6.0 4.1 6.1
236 27.1 21.1 31.7



#76
Benzidine
Concen: 25.31 ng
RT: 19.74 min Scan# 2877
Delta R.T. 0.00 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

Tgt Ion:184 Resp: 343479
Ion Ratio Lower Upper
184 100
185 14.4 12.6 19.0
183 12.9 10.7 16.1





#77

Pvrene

Concen: 42.96 ng

RT: 19.92 min Scan# 2907

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

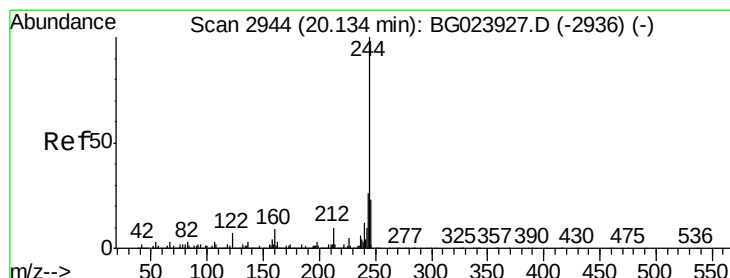
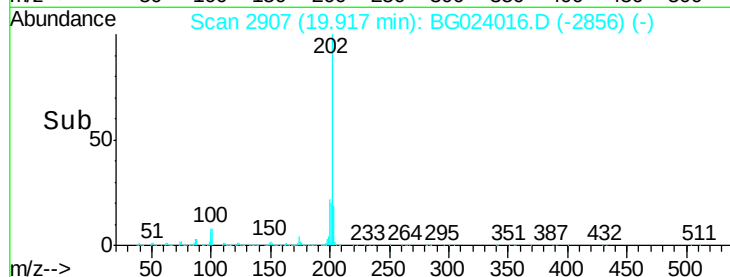
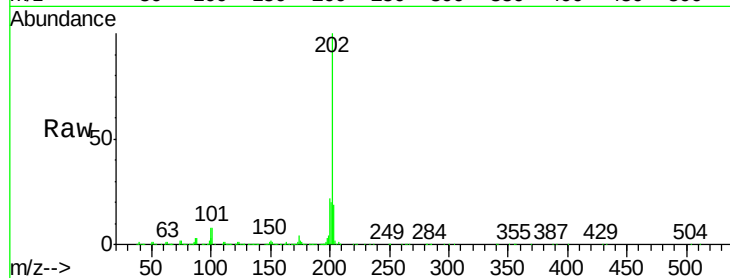
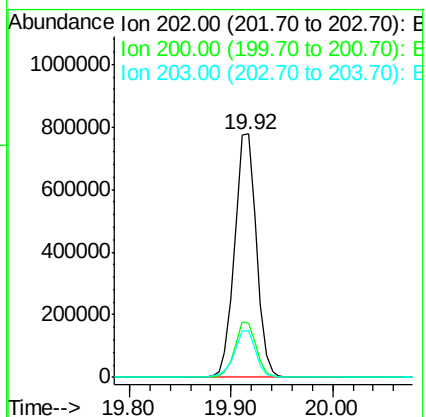
BNA_G

ClientSampleId :

PB93419BS

Tot Ion:202 Resp: 1157670

Ion	Ratio	Lower	Upper
202	100		
200	22.3	21.2	31.8
203	19.2	16.8	25.2



#78

Terphenyl-d14

Concen: 81.84 ng

RT: 20.10 min Scan# 2938

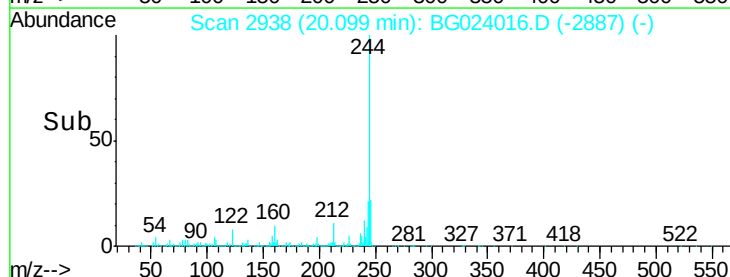
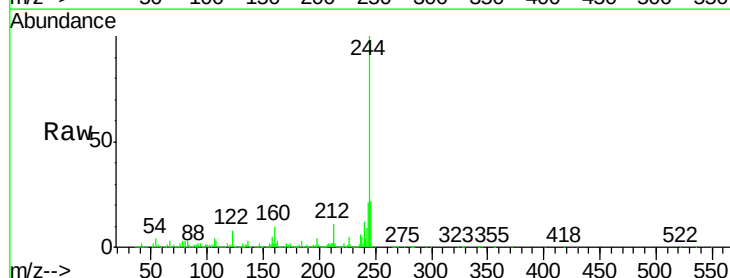
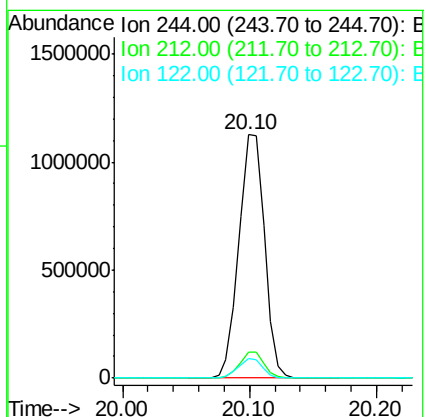
Delta R.T. -0.00 min

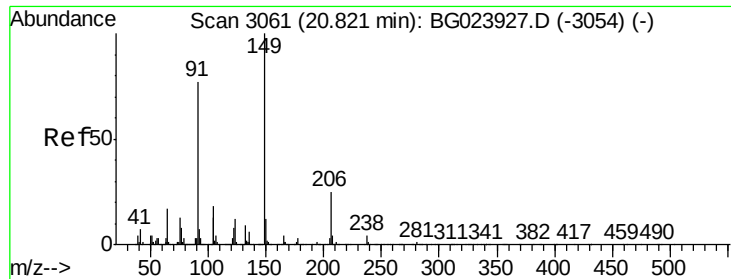
Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Tgt Ion:244 Resp: 1574700

Ion	Ratio	Lower	Upper
244	100		
212	10.8	10.8	16.2
122	8.1	8.0	12.0

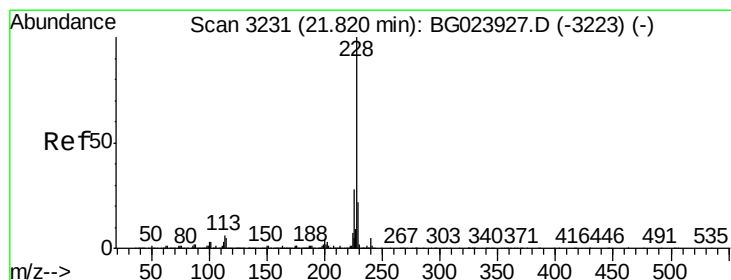
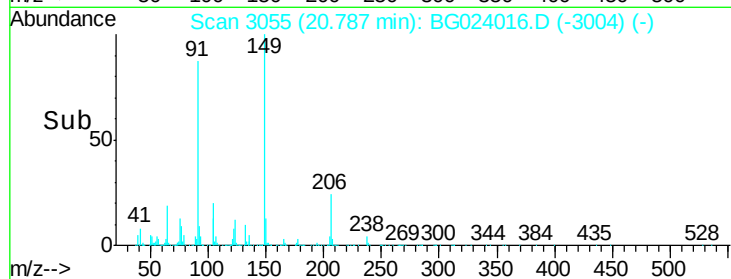
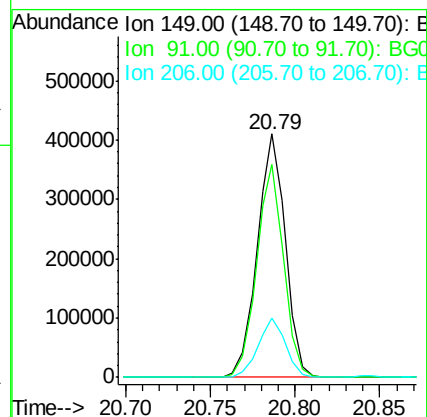
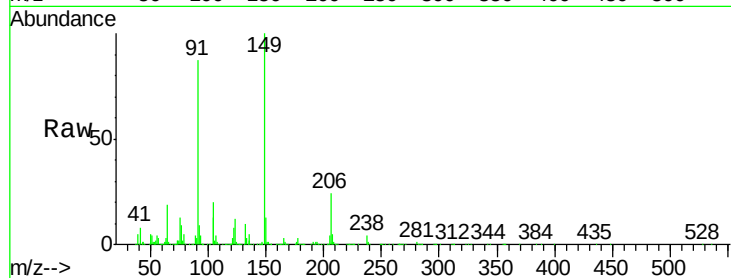




#79
Butylbenzylphthalate
Concen: 45.46 ng
RT: 20.79 min Scan# 3055
Delta R.T. -0.00 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

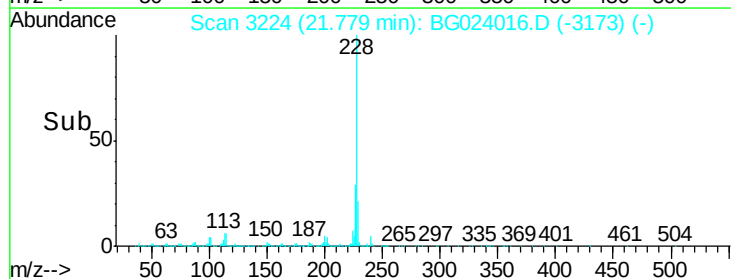
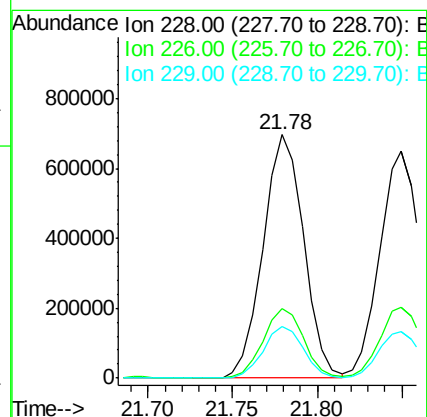
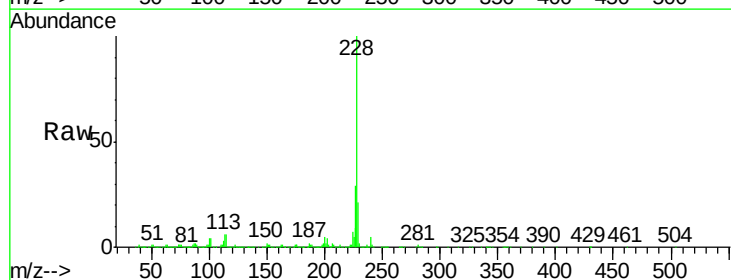
Instrument :
BNA_G
ClientSampled :
PB93419BS

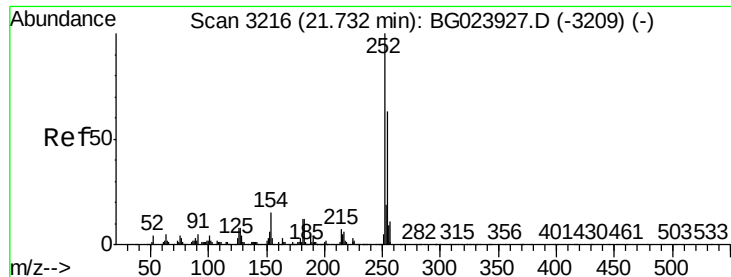
Tot Ion:149 Resp: 472277
Ion Ratio Lower Upper
149 100
91 87.3 68.1 102.1
206 24.3 19.8 29.6



#80
Benzo(a)anthracene
Concen: 47.48 ng
RT: 21.78 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

Tgt Ion:228 Resp: 1164694
Ion Ratio Lower Upper
228 100
226 28.8 25.3 37.9
229 21.2 19.9 29.9





#81

3,3'-Dichlorobenzidine

Concen: 28.53 ng

RT: 21.70 min Scan# 3210

Delta R.T. 0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

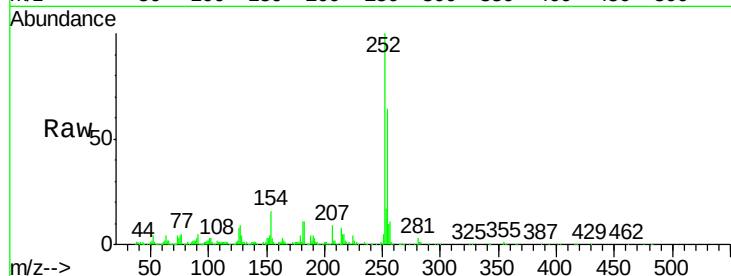
Tot Ion:252 Resp: 279681

Ion Ratio Lower Upper

252 100

254 63.9 51.2 76.8

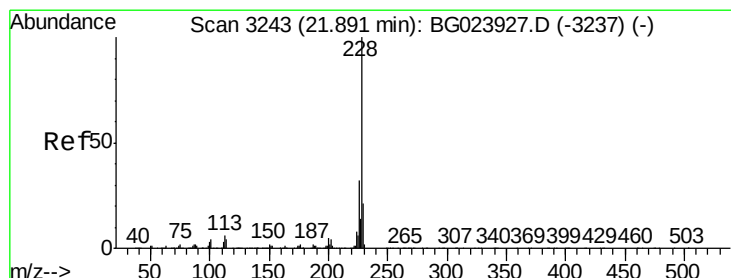
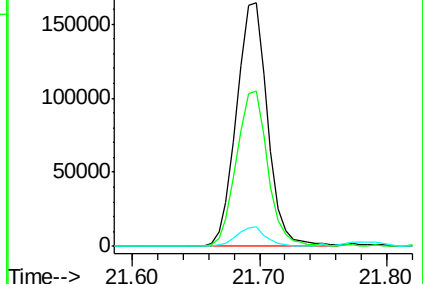
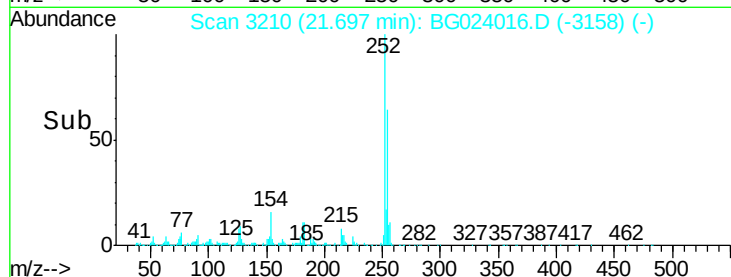
126 8.0 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 46.73 ng

RT: 21.85 min Scan# 3236

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

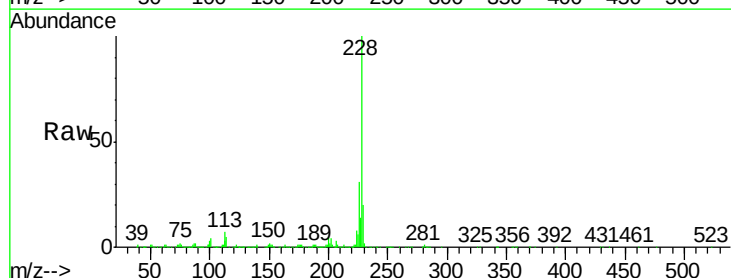
Tgt Ion:228 Resp: 1091079

Ion Ratio Lower Upper

228 100

226 31.0 26.7 40.1

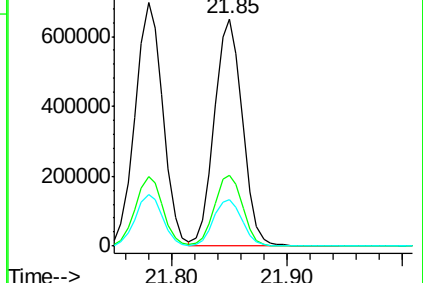
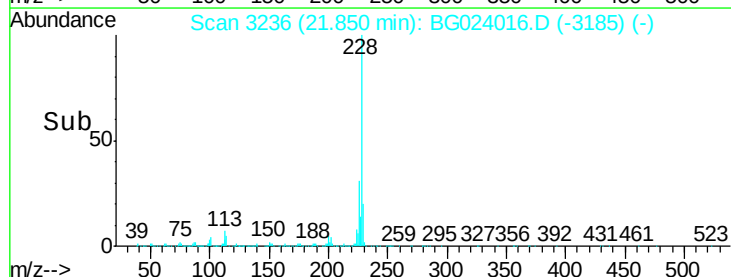
229 20.2 17.4 26.2

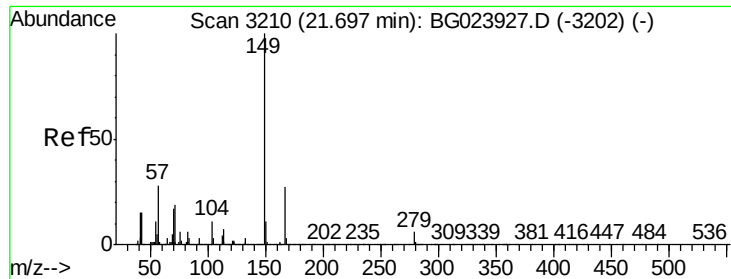


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.35 ng

RT: 21.66 min Scan# 3203

Delta R.T. 0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

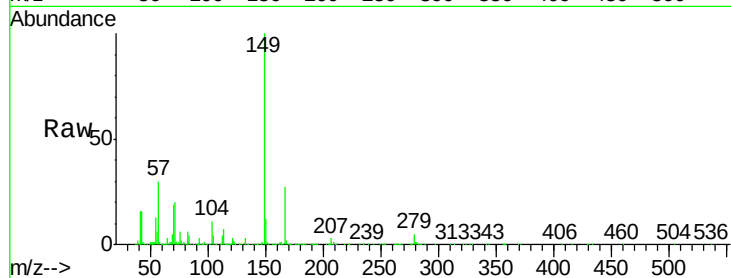
Tot Ion:149 Resp: 659334

Ion Ratio Lower Upper

149 100

167 27.1 24.0 36.0

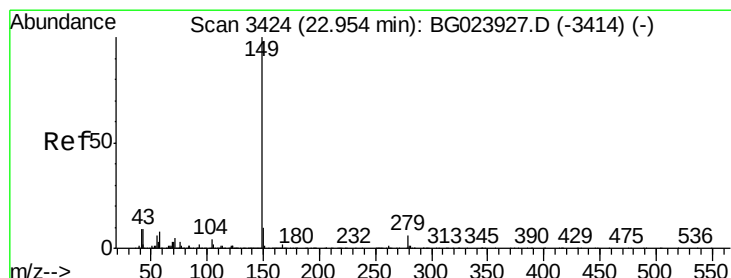
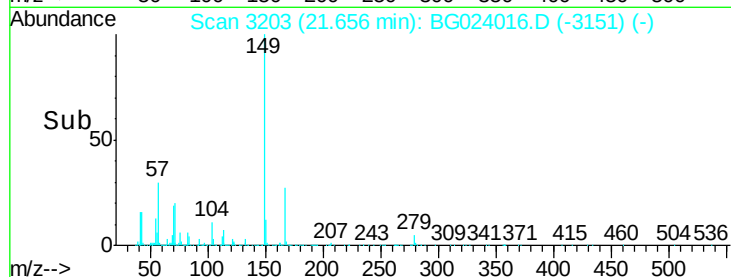
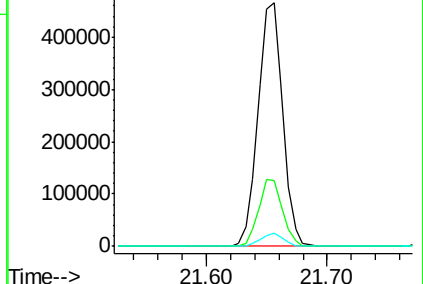
279 5.3 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.04 ng

RT: 22.90 min Scan# 3414

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

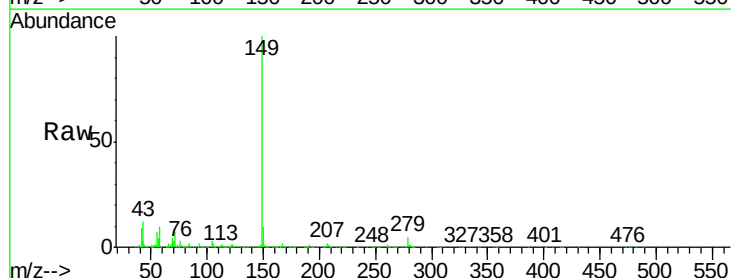
Tgt Ion:149 Resp: 1144120

Ion Ratio Lower Upper

149 100

167 1.7 1.5 2.3

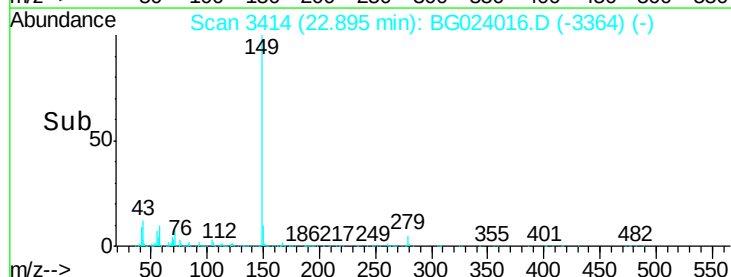
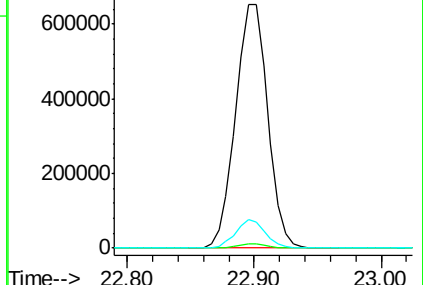
43 11.0 8.8 13.2

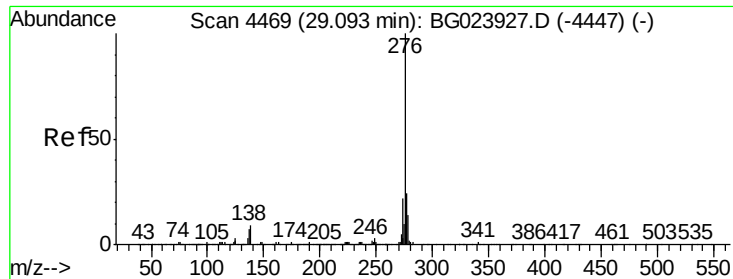


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

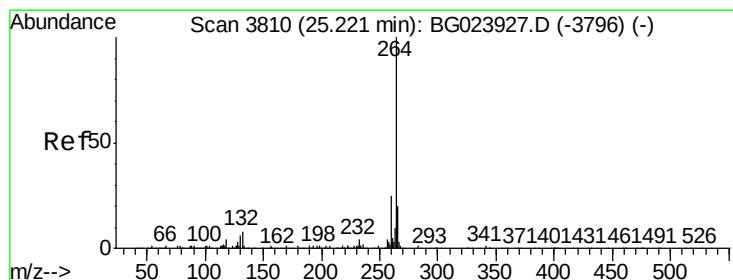
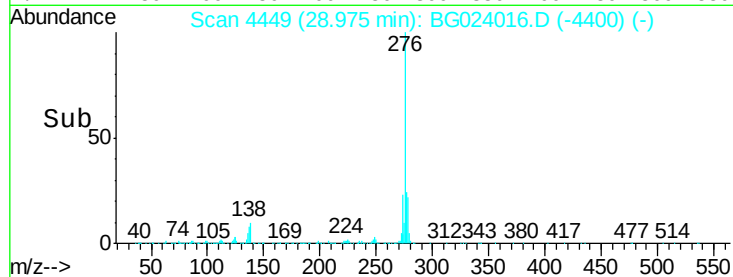
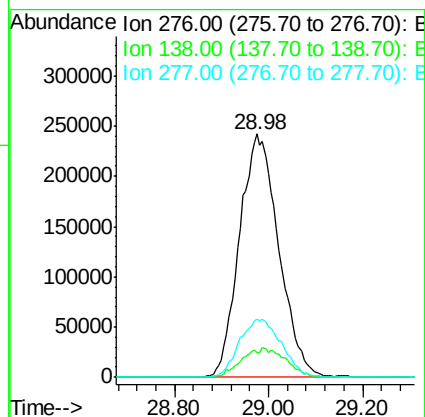
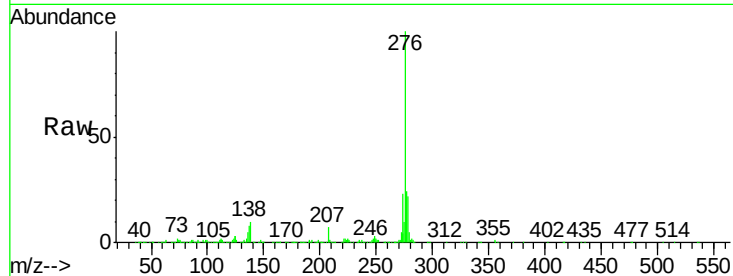




#85
Indeno(1,2,3-cd)pyrene
Concen: 54.37 ng
RT: 28.98 min Scan# 4449
Delta R.T. -0.01 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

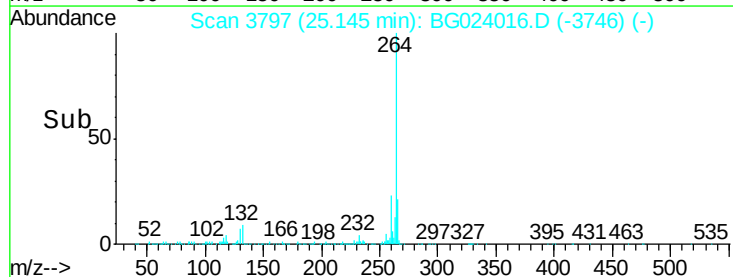
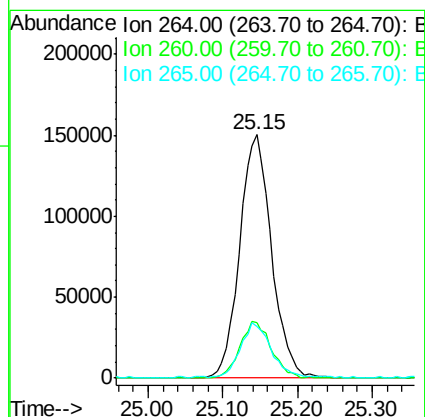
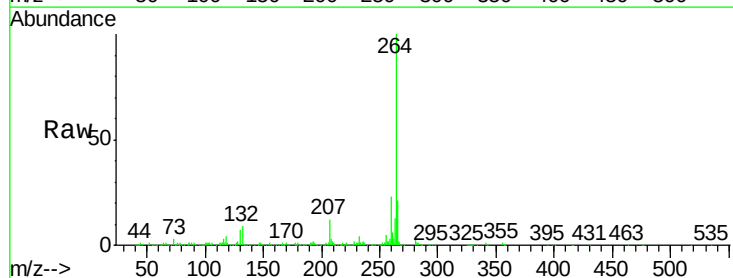
Instrument :
BNA_G
ClientSampleId :
PB93419BS

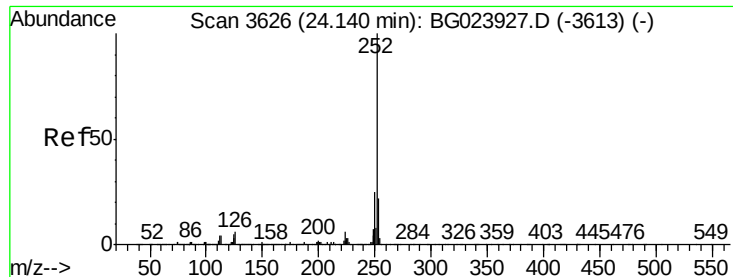
Tot Ion:276 Resp: 1405509
Ion Ratio Lower Upper
276 100
138 6.0 0.0 0.0#
277 25.6 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.15 min Scan# 3797
Delta R.T. -0.00 min
Lab File: BG024016.D
Acq: 17 Sep 2016 5:35

Tgt Ion:264 Resp: 444703
Ion Ratio Lower Upper
264 100
260 22.7 18.4 27.6
265 21.4 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 48.48 ng/mL

RT: 24.08 min Scan# 3615

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

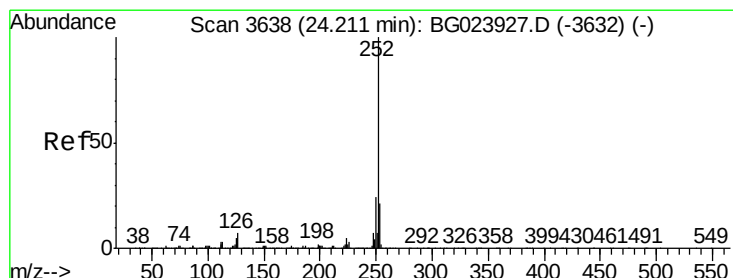
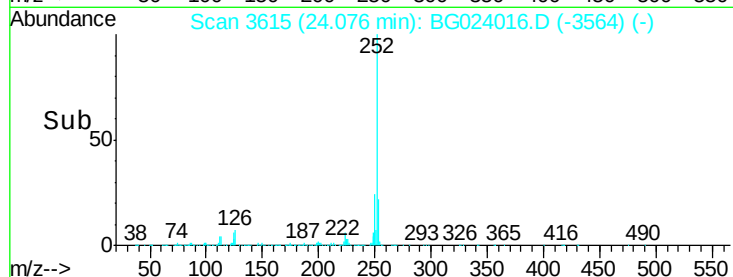
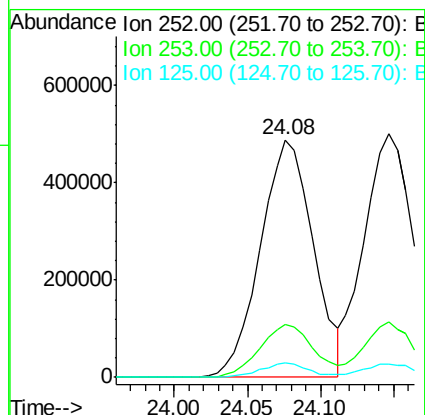
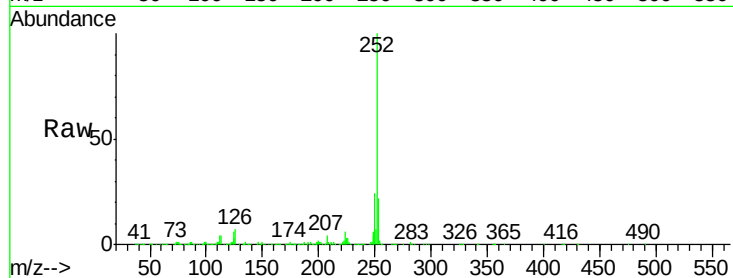
Tot Ion:252 Resp: 1224715

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.9	28.3
125	6.2	3.9	5.9

252 100

253 22.3 18.9 28.3

125 6.2 3.9 5.9



#88

Benzo(k)fluoranthene

Concen: 47.25 ng/mL

RT: 24.15 min Scan# 3627

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

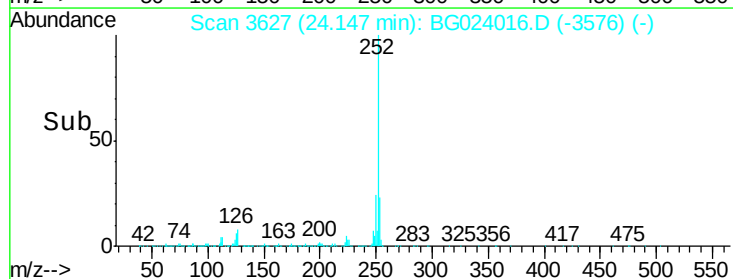
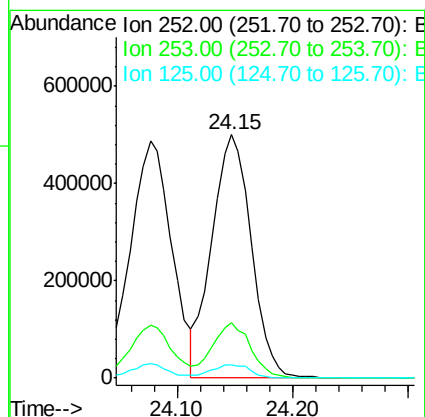
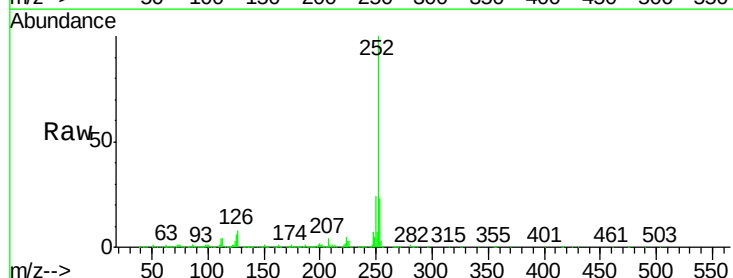
Tgt Ion:252 Resp: 1183639

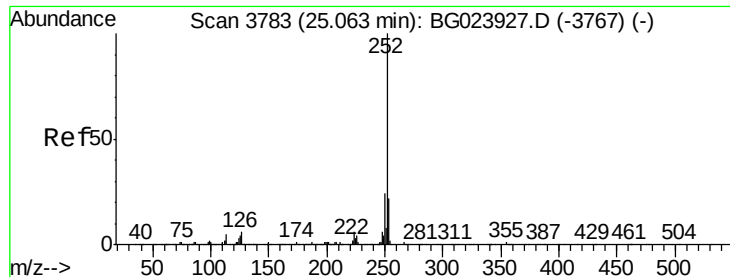
Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.8	28.2
125	5.6	3.2	4.8

252 100

253 22.6 18.8 28.2

125 5.6 3.2 4.8





#89

Benzo(a)pyrene

Concen: 49.77 ng

RT: 24.99 min Scan# 3770

Delta R.T. -0.00 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

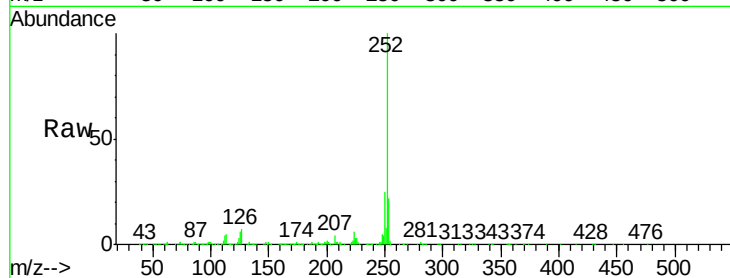
BNA_G

ClientSampleId :

PB93419BS

Tot Ion:252 Resp: 1193909

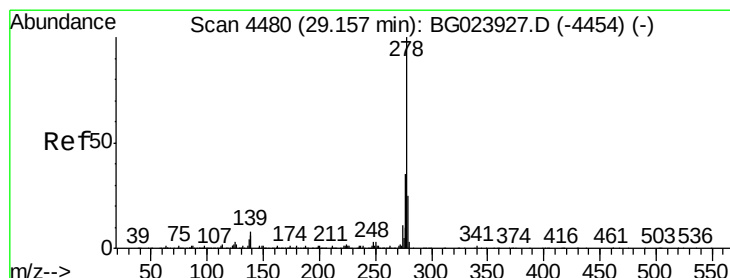
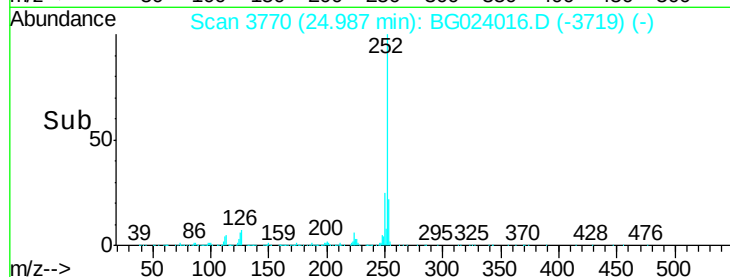
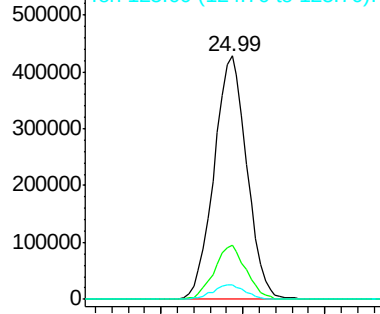
Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.7	28.1
125	5.7	3.9	5.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.79 ng

RT: 29.03 min Scan# 4458

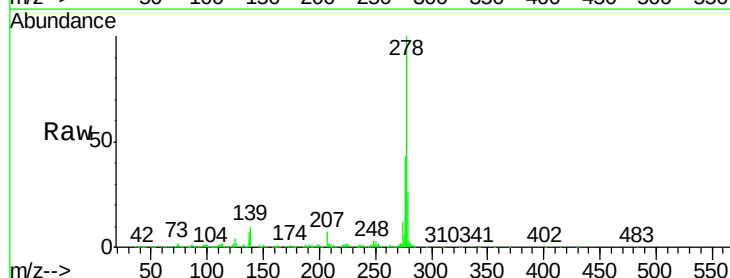
Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Tgt Ion:278 Resp: 1151038

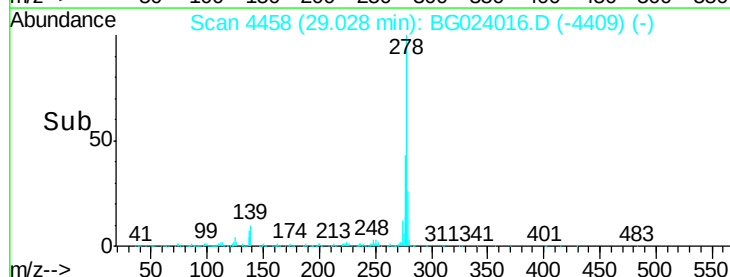
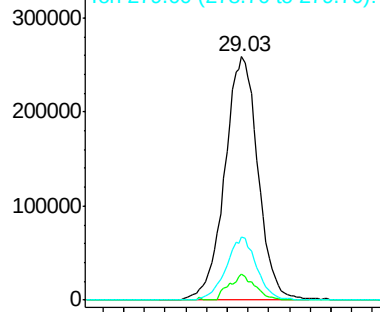
Ion	Ratio	Lower	Upper
278	100		
139	10.4	4.7	7.1#
279	25.7	18.3	27.5

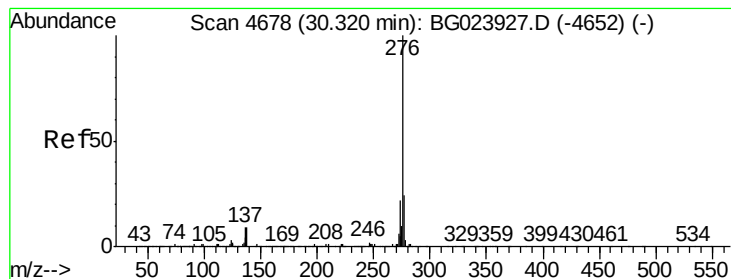


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 50.73 ng

RT: 30.17 min Scan# 4652

Delta R.T. -0.01 min

Lab File: BG024016.D

Acq: 17 Sep 2016 5:35

Instrument :

BNA_G

ClientSampleId :

PB93419BS

Tot Ion:276 Resp: 1150967

Ion Ratio Lower Upper

276 100

277 24.9 18.6 27.8

138 11.2 6.8 10.2#

