

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
 Data File : BG023975.D
 Acq On : 9 Sep 2016 15:44
 Operator : UM/SJ
 Sample : PB93314BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB93314BS

Quant Time: Sep 09 16:18:29 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 12:43:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54243	20.00	ng	-0.04
21) Naphthalene-d8	10.89	136	263432	20.00	ng	-0.04
38) Acenaphthene-d10	14.74	164	199004	20.00	ng	-0.03
63) Phenanthrene-d10	17.50	188	459991	20.00	ng	-0.03
75) Chrysene-d12	21.81	240	422091	20.00	ng	-0.03
86) Perylene-d12	25.17	264	437453	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	414641	134.21	ng	-0.03
7) Phenol-d6	7.24	99	626354	131.70	ng	-0.04
23) Nitrobenzene-d5	9.25	82	451241	76.47	ng	-0.04
41) 2,4,6-Tribromophenol	16.24	330	349297	97.42	ng	-0.03
44) 2-Fluorobiphenyl	13.35	172	986271	71.06	ng	-0.03
78) Terphenyl-d14	20.11	244	1328015	71.65	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	41867	32.86	ng	91
3) Pyridine	3.87	79	135724	35.44	ng	97
4) n-Nitrosodimethylamine	3.79	42	81014	40.13	ng	# 89
6) Aniline	7.39	93	169970	26.92	ng	99
8) 2-Chlorophenol	7.63	128	146572	40.95	ng	98
9) Benzaldehyde	7.20	77	24368	7.21	ng	83
10) Phenol	7.26	94	215978	43.17	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	145817	37.04	ng	86
12) 1,3-Dichlorobenzene	7.95	146	155017	37.00	ng	97
13) 1,4-Dichlorobenzene	8.09	146	160918	36.26	ng	89
14) 1,2-Dichlorobenzene	8.42	146	155600	37.35	ng	94
15) Benzyl Alcohol	8.31	79	194034	46.28	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	197872	37.50	ng	93
17) 2-Methylphenol	8.52	107	141981	42.12	ng	95
18) Hexachloroethane	9.15	117	68400	40.03	ng	94
19) n-Nitroso-di-n-propylamine	8.88	70	161061	38.33	ng	96
20) 3+4-Methylphenols	8.86	107	199901	42.55	ng	96
22) Acetophenone	8.90	105	230486	33.79	ng	# 97
24) Nitrobenzene	9.29	77	255255	40.23	ng	96
25) Isophorone	9.81	82	425638	37.20	ng	98
26) 2-Nitrophenol	10.00	139	94287	39.09	ng	96
27) 2,4-Dimethylphenol	10.06	122	165069	40.27	ng	99
28) bis(2-Chloroethoxy)methane	10.29	93	230454	39.89	ng	97
29) 2,4-Dichlorophenol	10.56	162	182407	42.00	ng	95
30) 1,2,4-Trichlorobenzene	10.76	180	185681	38.98	ng	98
31) Naphthalene	10.94	128	490136	36.11	ng	99
32) Benzoic acid	10.23	122	72475	21.77	ng	97
33) 4-Chloroaniline	11.07	127	95345	16.82	ng	96
34) Hexachlorobutadiene	11.22	225	146274	40.88	ng	90
35) Caprolactam	11.87	113	54625	35.68	ng	# 86
36) 4-Chloro-3-methylphenol	12.20	107	220173	37.94	ng	99
37) 2-Methylnaphthalene	12.55	142	397105	38.46	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	227206	34.40	ng	98
40) Hexachlorocyclopentadiene	12.89	237	282324	71.74	ng	98

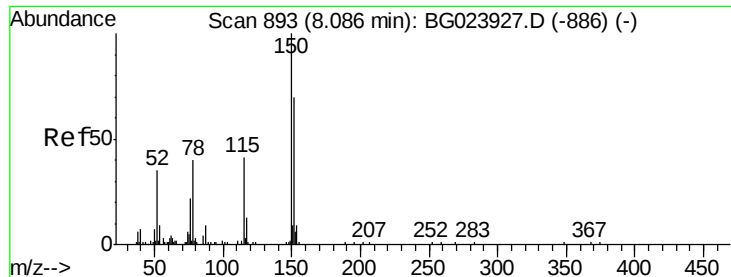
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
 Data File : BG023975.D
 Acq On : 9 Sep 2016 15:44
 Operator : UM/SJ
 Sample : PB93314BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	164356	37.29	ng	94
43) 2,4,5-Trichlorophenol	13.26	196	169610	38.06	ng	96
45) 1,1'-Biphenyl	13.56	154	492497	30.77	ng	99
46) 2-Chloronaphthalene	13.61	162	433147	36.86	ng	98
47) 2-Nitroaniline	13.83	65	188070	40.63	ng	98
48) Acenaphthylene	14.46	152	688076	35.13	ng	97
49) Dimethylphthalate	14.19	163	588821	34.51	ng	97
50) 2,6-Dinitrotoluene	14.32	165	127131	35.29	ng	95
51) Acenaphthene	14.80	154	436150	36.02	ng	96
52) 3-Nitroaniline	14.66	138	79704	23.65	ng	# 73
53) 2,4-Dinitrophenol	14.88	184	125788	50.39	ng	94
54) Dibenzofuran	15.14	168	730065	38.63	ng	98
55) 4-Nitrophenol	14.99	139	156860	58.51	ng	# 78
56) 2,4-Dinitrotoluene	15.11	165	187039	35.32	ng	# 89
57) Fluorene	15.79	166	587251	35.83	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.37	232	173922	38.45	ng	94
59) Diethylphthalate	15.55	149	620520	34.06	ng	99
60) 4-Chlorophenyl-phenylether	15.78	204	323091	36.62	ng	99
61) 4-Nitroaniline	15.84	138	106922	31.39	ng	96
62) Azobenzene	16.07	77	710148	40.25	ng	95
64) 4,6-Dinitro-2-methylphenol	15.89	198	109109	34.17	ng	99
65) n-Nitrosodiphenylamine	16.00	169	527729	40.39	ng	98
66) 4-Bromophenyl-phenylether	16.68	248	232524	41.55	ng	99
67) Hexachlorobenzene	16.80	284	244623	37.27	ng	96
68) Atrazine	16.95	200	202903	36.10	ng	97
69) Pentachlorophenol	17.16	266	218702	62.74	ng	98
70) Phenanthrene	17.55	178	934488	39.05	ng	98
71) Anthracene	17.63	178	930313	38.11	ng	98
72) Carbazole	17.92	167	752704	33.98	ng	97
73) Di-n-butylphthalate	18.45	149	932980	35.30	ng	96
74) Fluoranthene	19.56	202	980259	34.02	ng	96
76) Benzidine	19.74	184	368883	28.22	ng	98
77) Pyrene	19.93	202	970301	37.38	ng	95
79) Butylbenzylphthalate	20.80	149	370610	37.03	ng	98
80) Benzo(a)anthracene	21.79	228	942957	39.91	ng	94
81) 3,3'-Dichlorobenzidine	21.71	252	216171	22.89	ng	# 99
82) Chrysene	21.86	228	875578	38.93	ng	99
83) Bis(2-ethylhexyl)phthalate	21.66	149	516706	37.71	ng	95
84) Di-n-octyl phthalate	22.92	149	881027	39.21	ng	99
85) Indeno(1,2,3-cd)pyrene	29.00	276	1085565	43.59	ng	# 100
87) Benzo(b)fluoranthene	24.10	252	982400	39.53	ng	98
88) Benzo(k)fluoranthene	24.17	252	910946	36.97	ng	# 97
89) Benzo(a)pyrene	25.01	252	928932	39.37	ng	# 99
90) Dibenzo(a,h)anthracene	29.08	278	893429	38.50	ng	97
91) Benzo(g,h,i)perylene	30.22	276	903261	40.47	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 889

Delta R.T. -0.04 min

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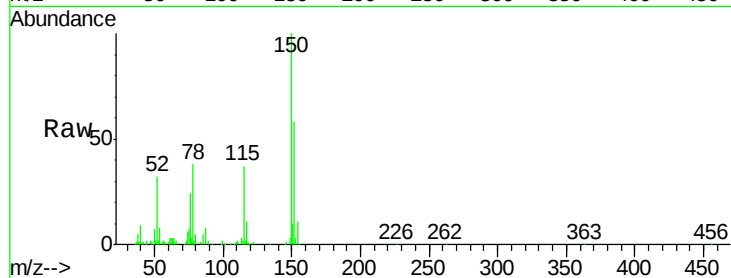
Tgt Ion:152 Resp: 54243

Ion Ratio Lower Upper

152 100

150 171.5 144.7 217.1

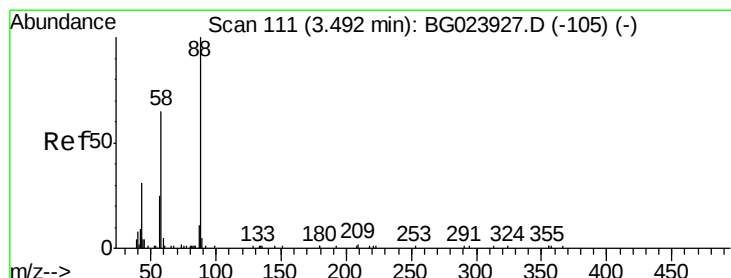
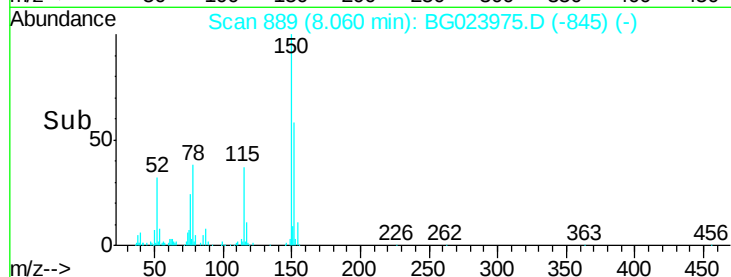
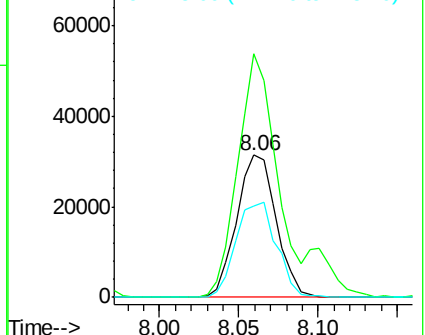
115 64.1 64.0 96.0



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: 32.86 ng

RT: 3.46 min Scan# 106

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

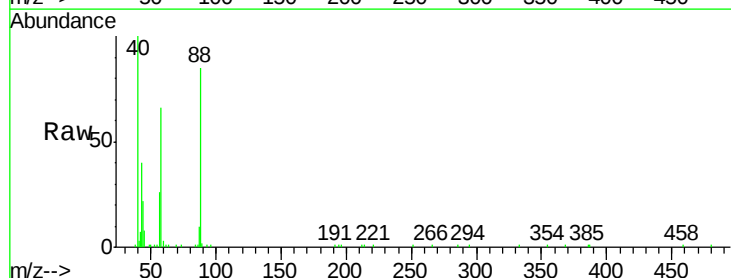
Tgt Ion: 88 Resp: 41867

Ion Ratio Lower Upper

88 100

58 84.7 60.4 90.6

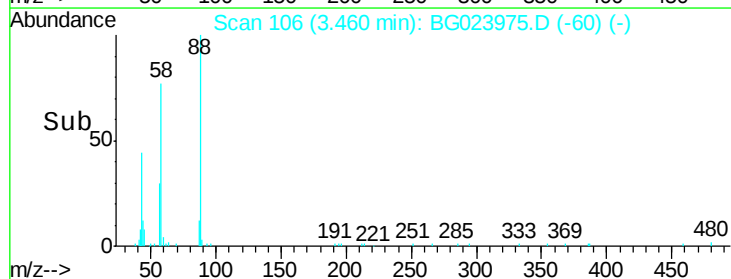
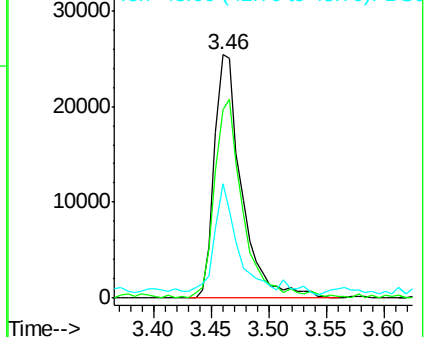
43 35.5 31.1 46.7

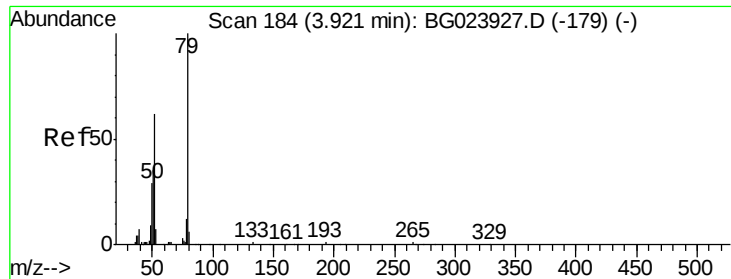


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.44 ng

RT: 3.87 min Scan# 176

Delta R.T. -0.04 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

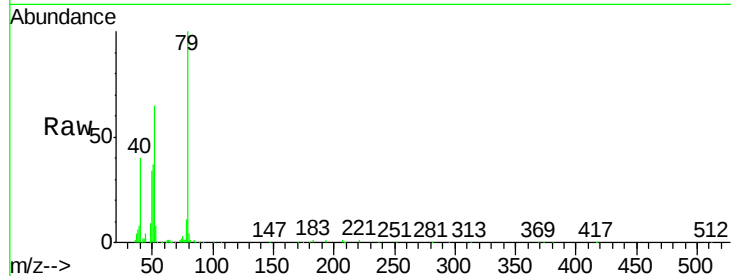
Tgt Ion: 79 Resp: 135724

Ion Ratio Lower Upper

79 100

52 65.4 51.8 77.8

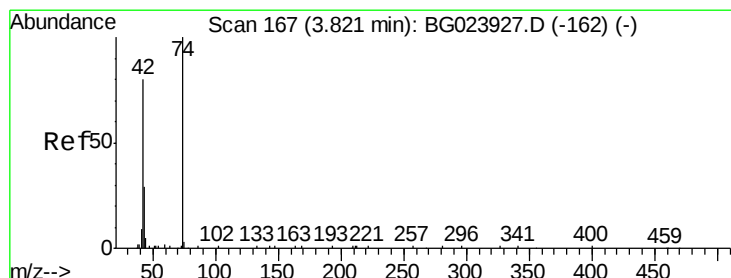
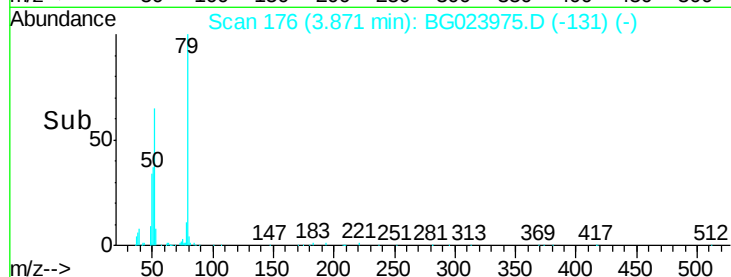
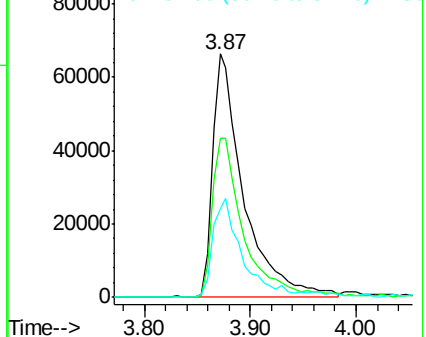
51 36.6 32.7 49.1



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: 40.13 ng

RT: 3.79 min Scan# 162

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

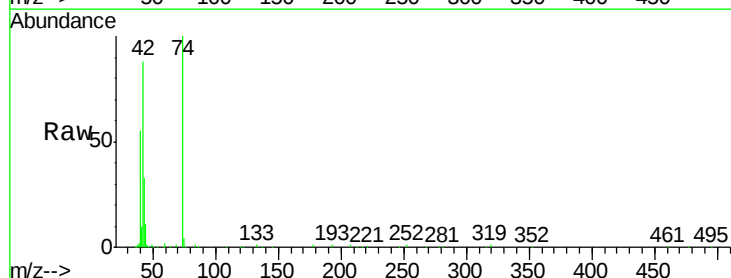
Tgt Ion: 42 Resp: 81014

Ion Ratio Lower Upper

42 100

74 114.1 100.6 150.8

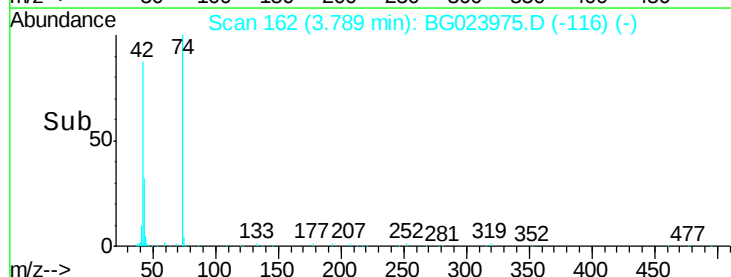
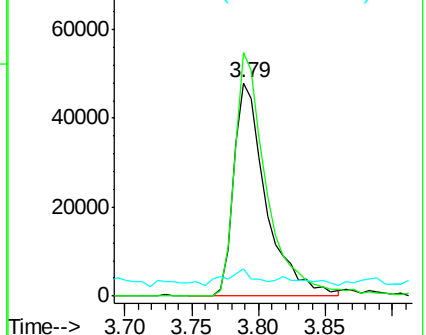
44 12.9 4.5 6.7#

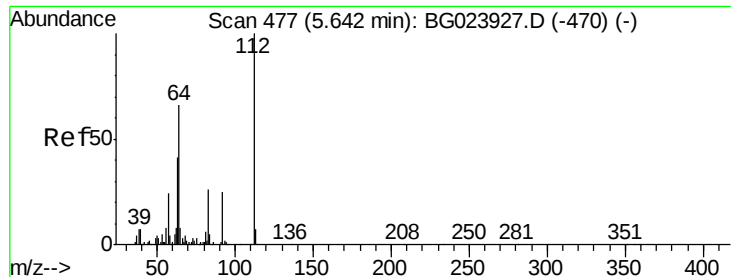


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 134.21 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

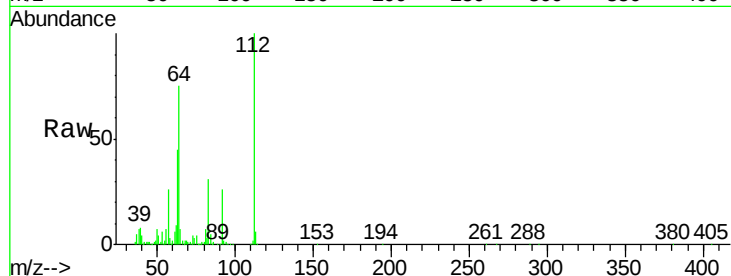
Tgt Ion: 112 Resp: 414641

Ion Ratio Lower Upper

112 100

64 74.7 59.0 88.4

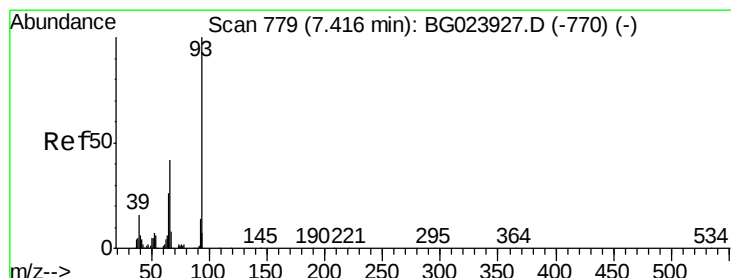
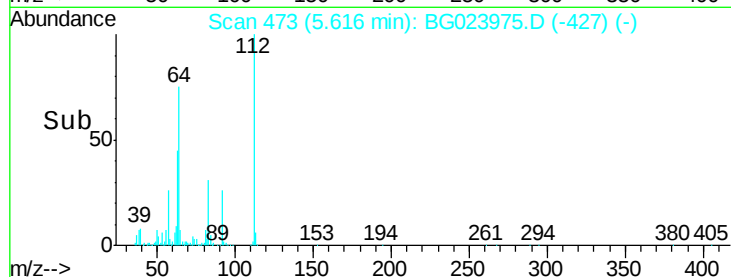
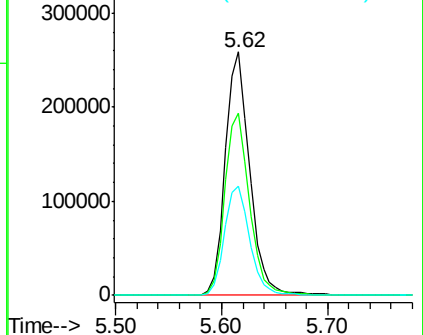
63 44.7 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.92 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.04 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

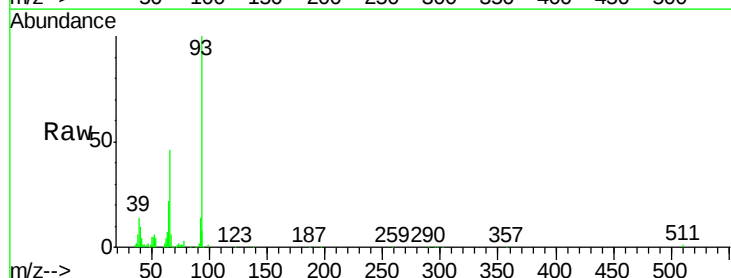
Tgt Ion: 93 Resp: 169970

Ion Ratio Lower Upper

93 100

66 46.1 37.5 56.3

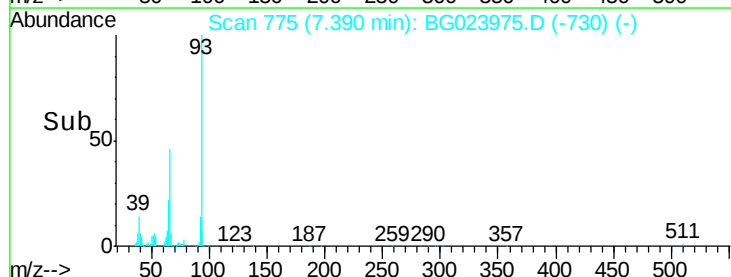
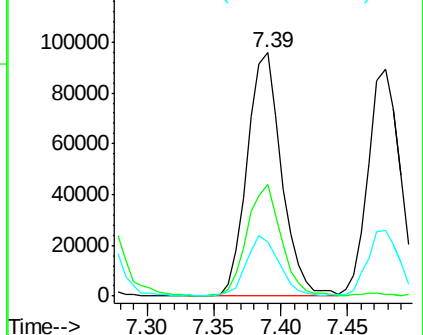
65 22.3 17.9 26.9

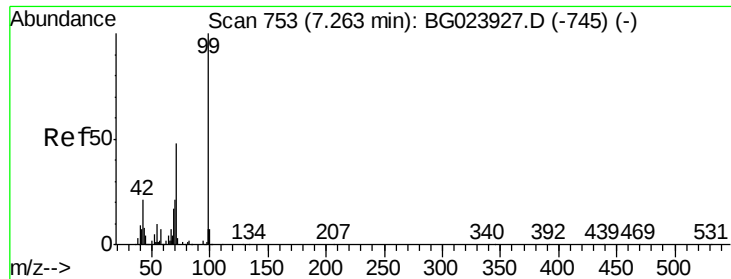


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.70 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.04 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

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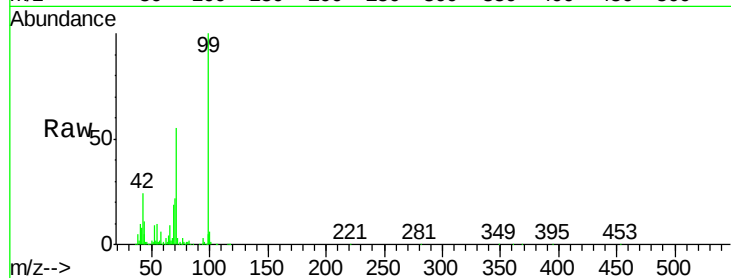
Tgt Ion: 99 Resp: 626354

Ion Ratio Lower Upper

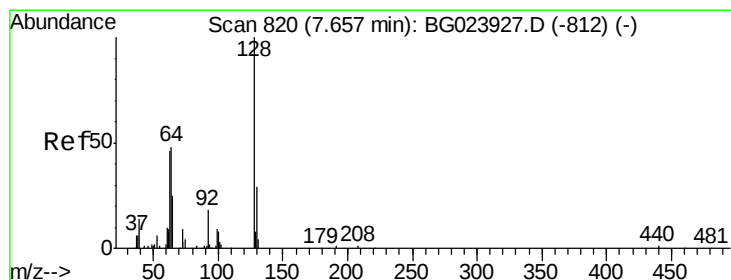
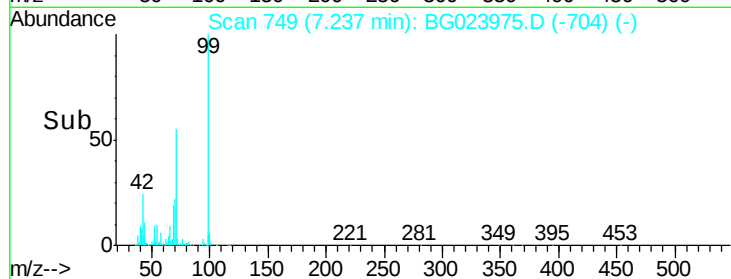
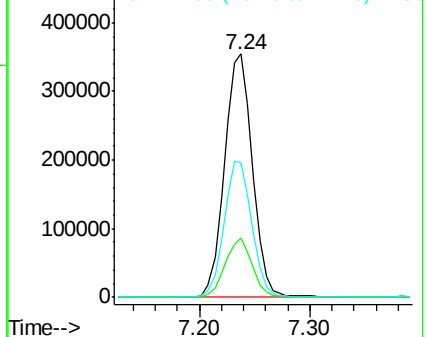
99 100

42 24.3 17.8 26.6

71 55.3 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: 40.95 ng

RT: 7.63 min Scan# 816

Delta R.T. -0.04 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

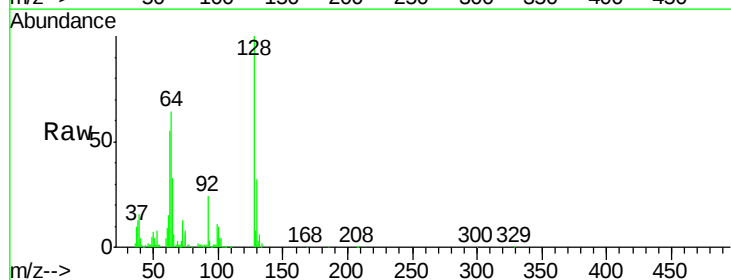
Tgt Ion: 128 Resp: 146572

Ion Ratio Lower Upper

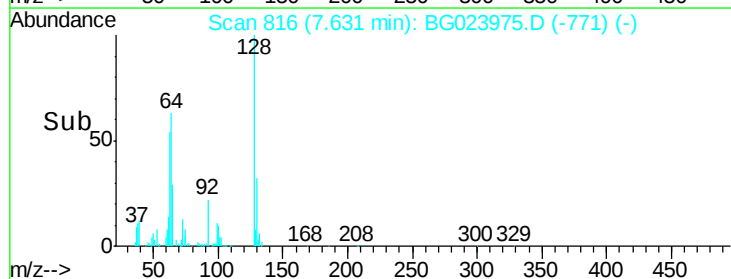
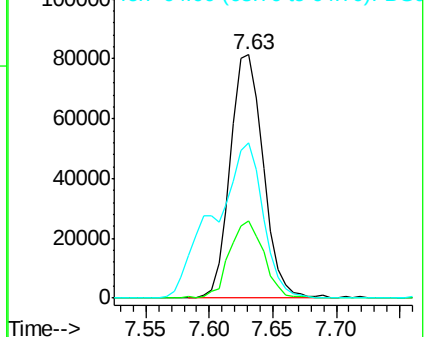
128 100

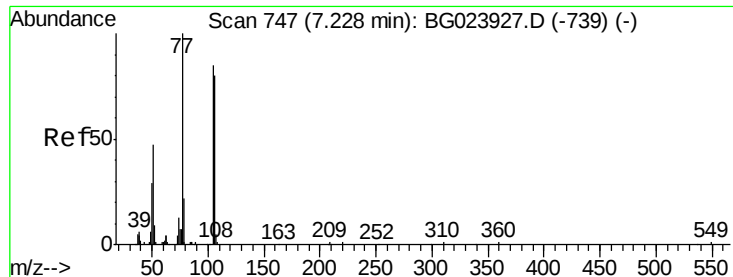
130 31.7 12.9 52.9

64 63.7 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: 7.21 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.04 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

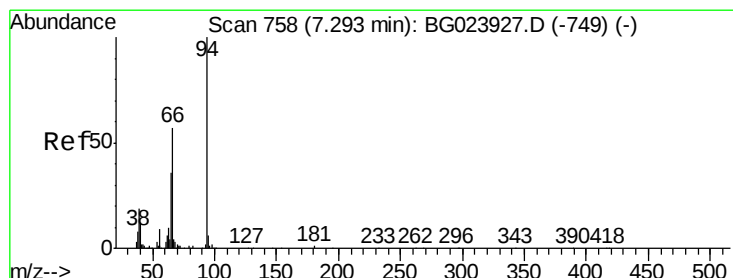
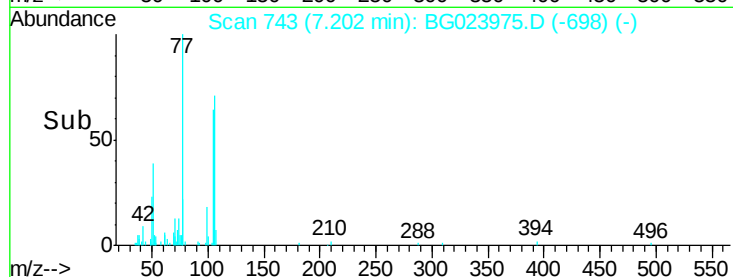
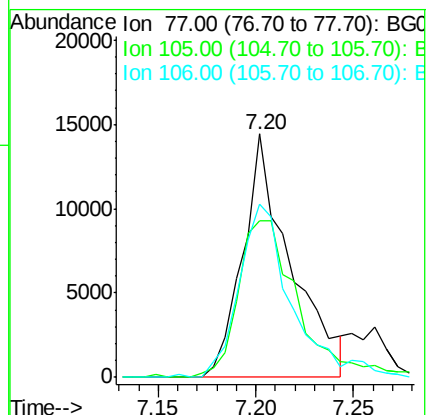
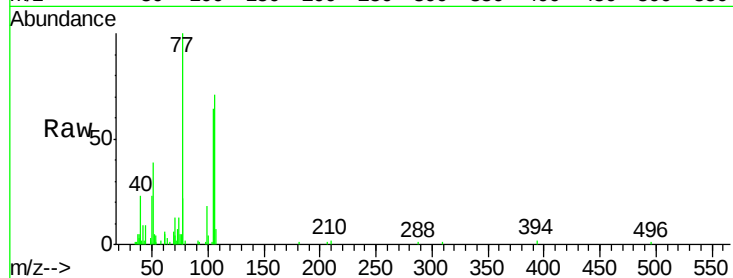
Tgt Ion: 77 Resp: 24368

Ion Ratio Lower Upper

77 100

105 64.3 58.7 98.7

106 71.2 67.5 107.5



#10

Phenol

Concen: 43.17 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.04 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

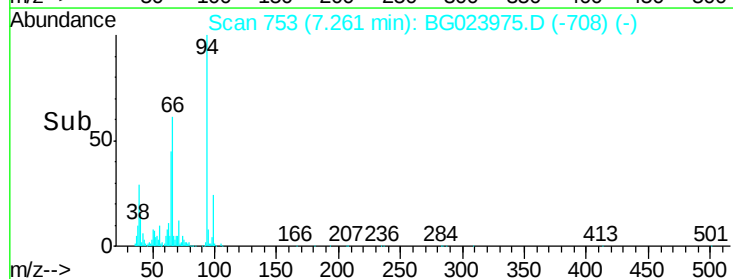
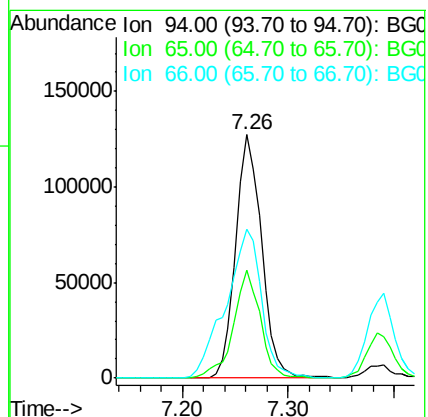
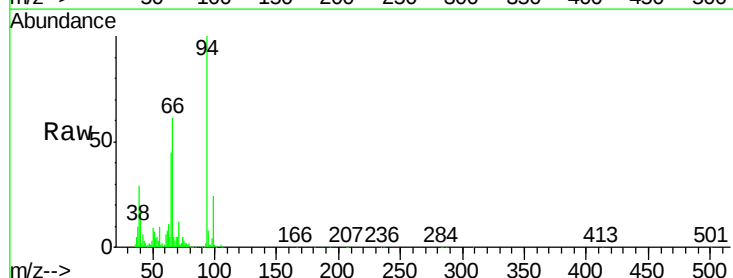
Tgt Ion: 94 Resp: 215978

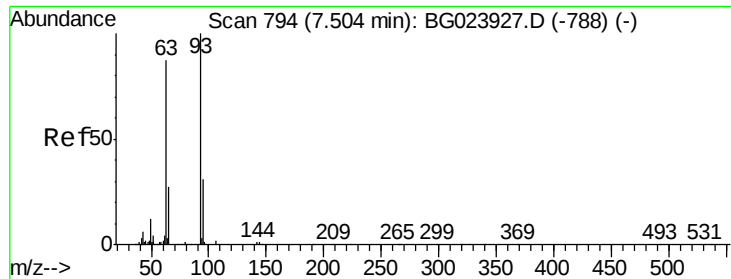
Ion Ratio Lower Upper

94 100

65 44.6 18.1 58.1

66 61.1 42.1 82.1

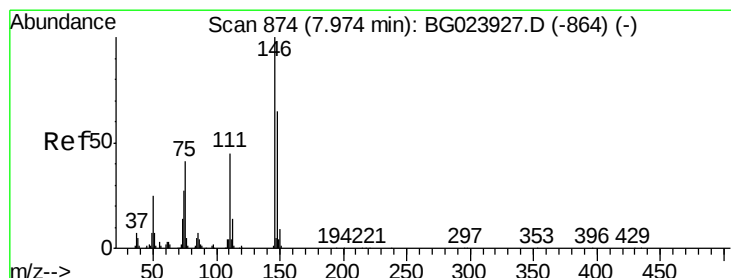
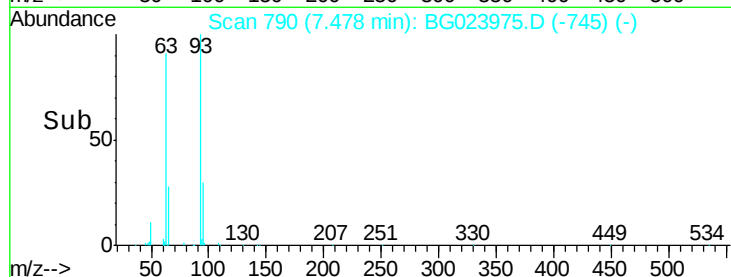
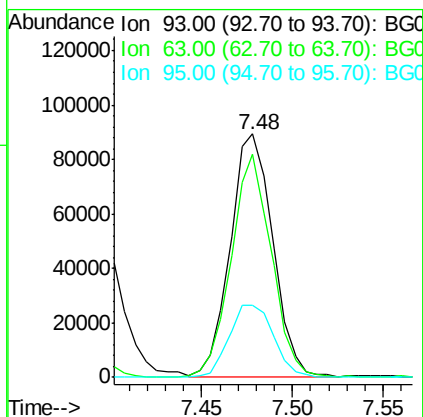
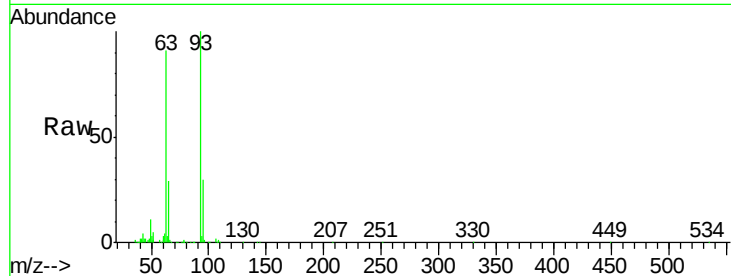




#11
bis(2-Chloroethyl)ether
Concen: 37.04 ng
RT: 7.48 min Scan# 790
Delta R.T. -0.04 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

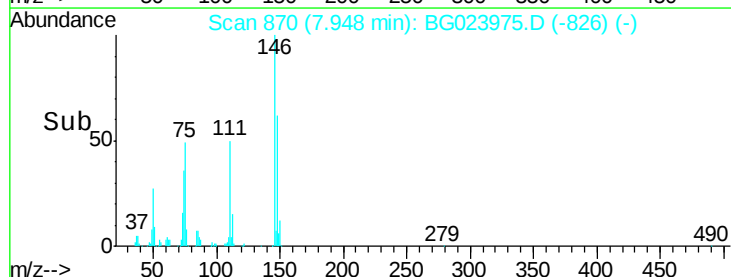
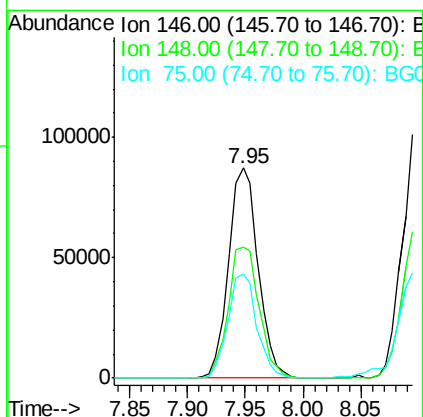
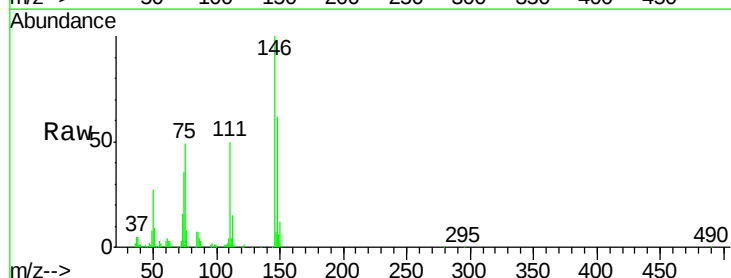
Instrument :
BNA_G
ClientSampleId :
PB93314BS

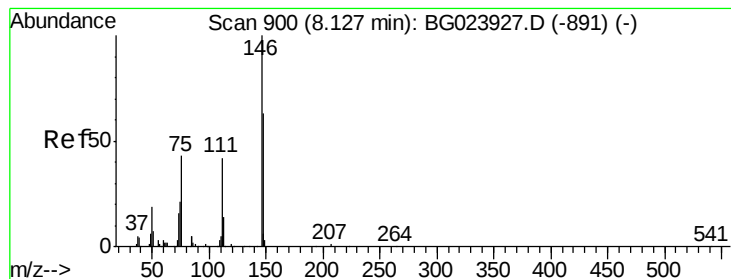
Tgt Ion: 93 Resp: 145817
Ion Ratio Lower Upper
93 100
63 91.4 55.0 95.0
95 29.8 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 37.00 ng
RT: 7.95 min Scan# 870
Delta R.T. -0.04 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

Tgt Ion: 146 Resp: 155017
Ion Ratio Lower Upper
146 100
148 62.1 50.3 75.5
75 49.4 37.0 55.6





#13

1,4-Dichlorobenzene

Concen: 36.26 ng

RT: 8.09 min Scan# 895

Delta R.T. -0.04 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

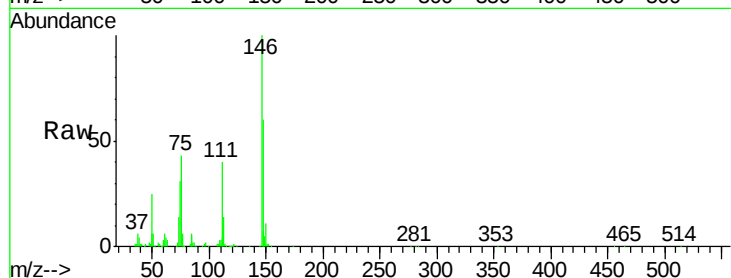
Tgt Ion:146 Resp: 160918

Ion Ratio Lower Upper

146 100

148 59.9 54.5 81.7

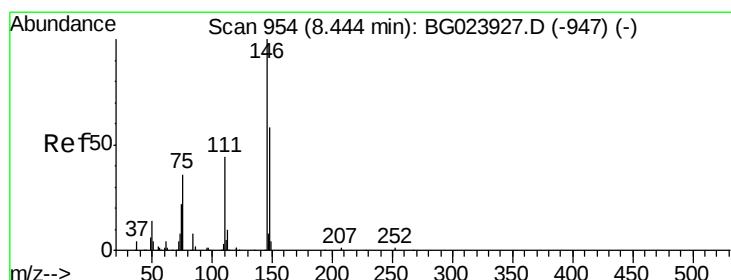
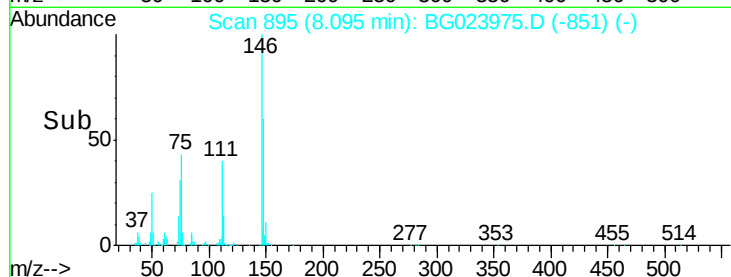
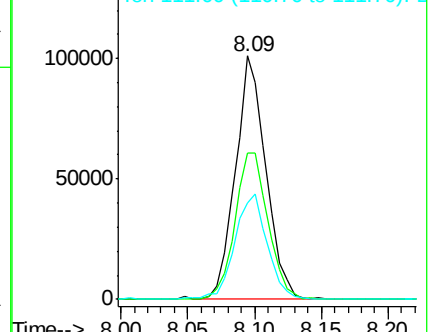
111 39.6 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.35 ng

RT: 8.42 min Scan# 950

Delta R.T. -0.04 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

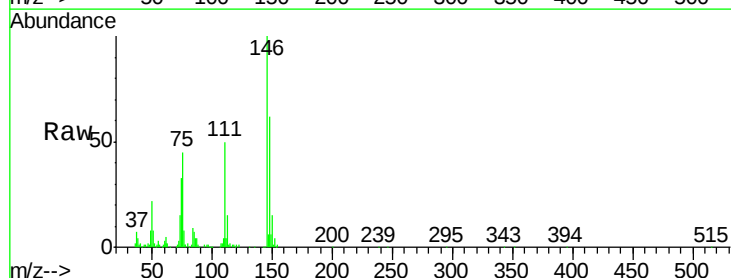
Tgt Ion:146 Resp: 155600

Ion Ratio Lower Upper

146 100

148 62.2 52.9 79.3

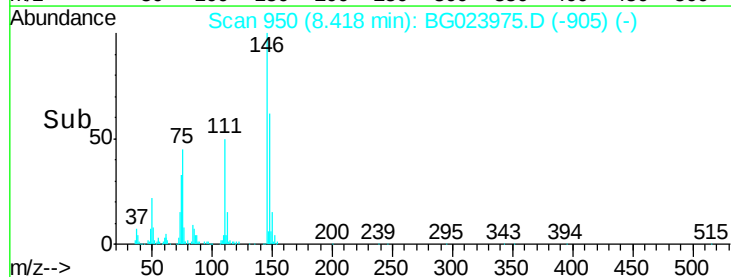
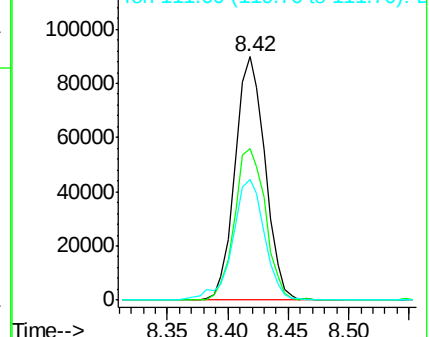
111 49.6 43.5 65.3

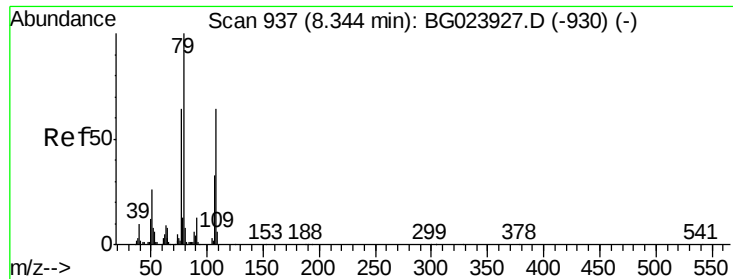


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.28 ng

RT: 8.31 min Scan# 932

Delta R.T. -0.04 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

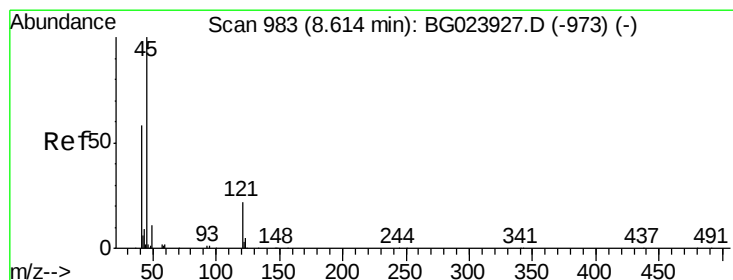
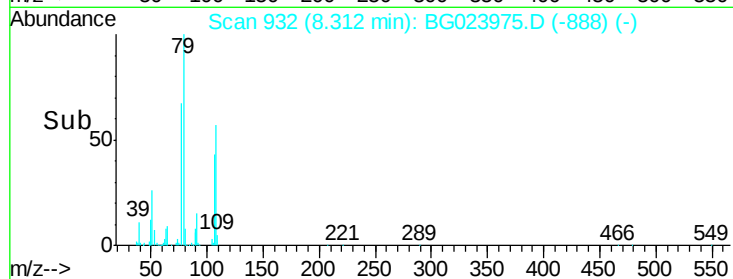
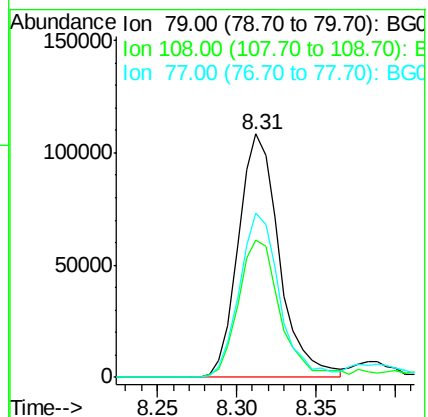
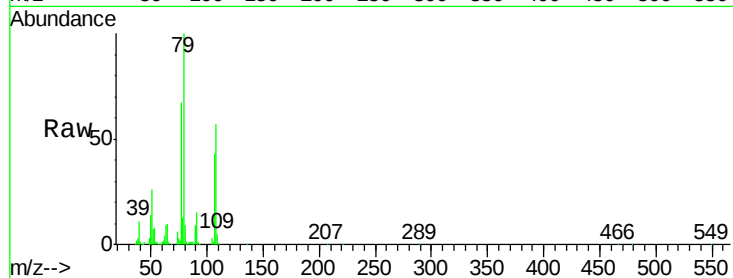
Tgt Ion: 79 Resp: 194034

Ion Ratio Lower Upper

79 100

108 56.5 46.5 69.7

77 67.4 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.50 ng

RT: 8.59 min Scan# 980

Delta R.T. -0.04 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

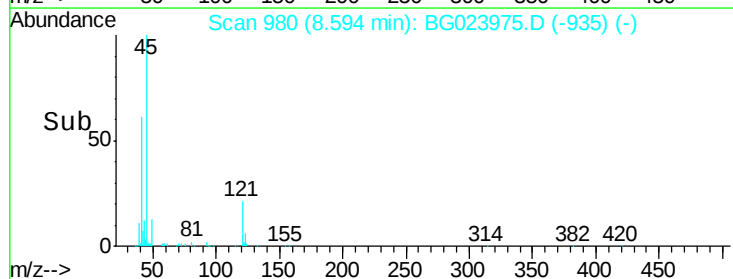
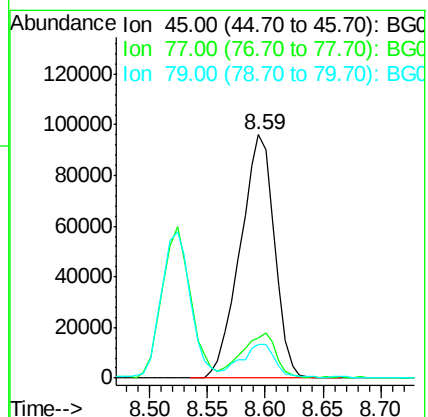
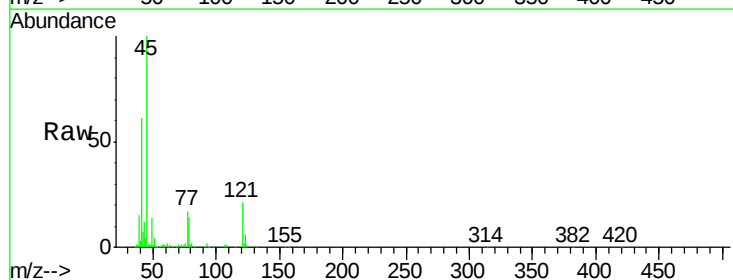
Tgt Ion: 45 Resp: 197872

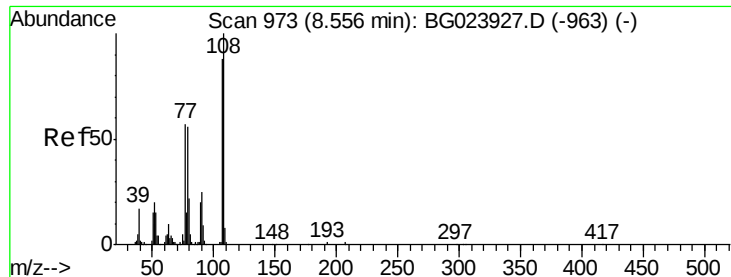
Ion Ratio Lower Upper

45 100

77 16.6 0.6 40.6

79 13.8 0.0 36.2

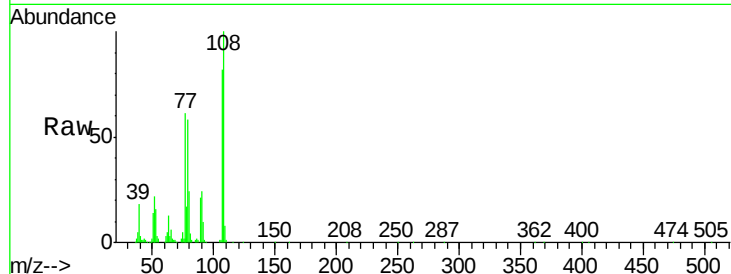




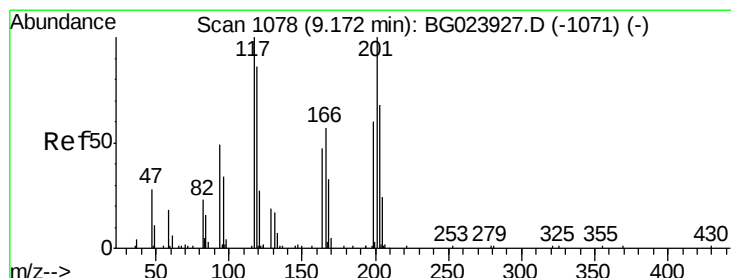
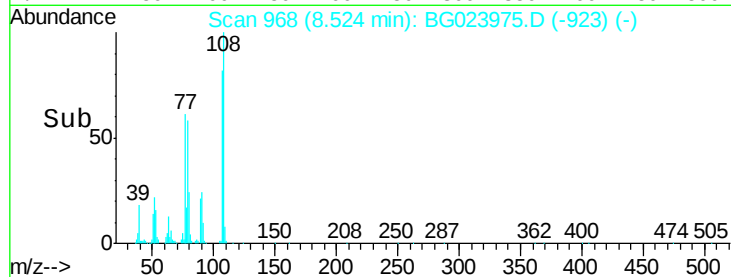
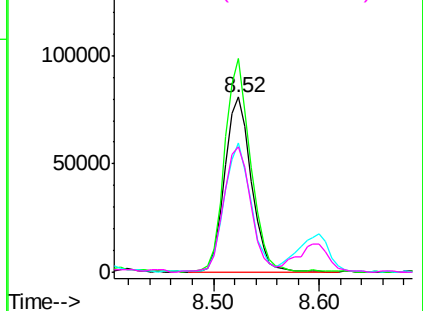
#17
2-Methylphenol
Concen: 42.12 ng
RT: 8.52 min Scan# 968
Delta R.T. -0.04 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

Instrument :
BNA_G
ClientSampleId :
PB93314BS

Tgt Ion:	107	Resp:	141981
Ion	Ratio	Lower	Upper
107	100		
108	122.0	92.0	138.0
77	74.2	55.8	83.6
79	71.3	55.0	82.6

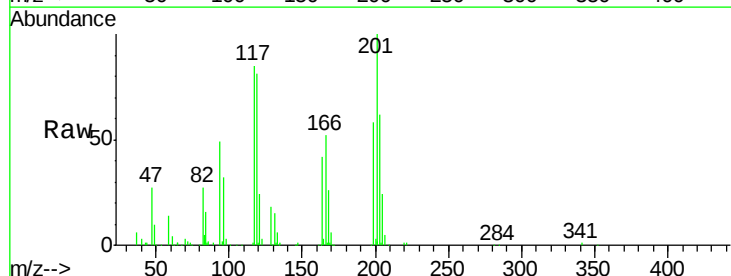


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

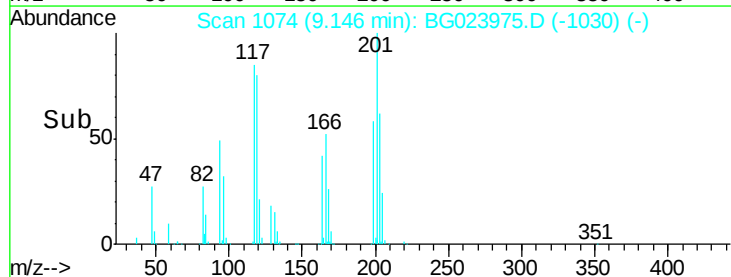
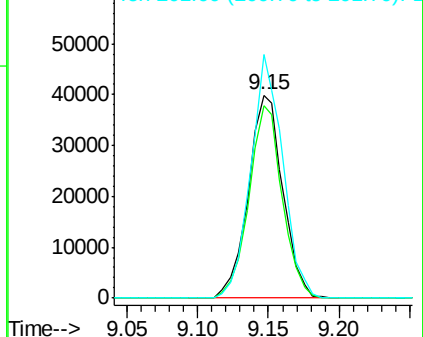


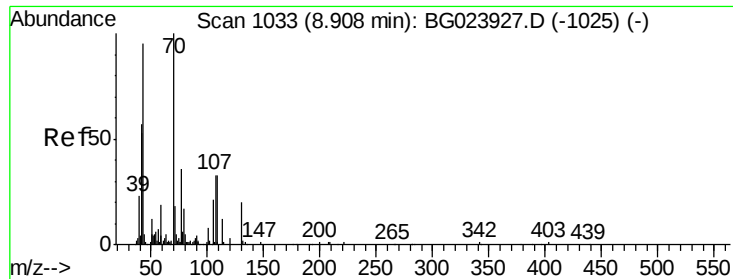
#18
Hexachloroethane
Concen: 40.03 ng
RT: 9.15 min Scan# 1074
Delta R.T. -0.04 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

Tgt Ion:	117	Resp:	68400
Ion	Ratio	Lower	Upper
117	100		
119	94.6	73.7	110.5
201	119.9	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

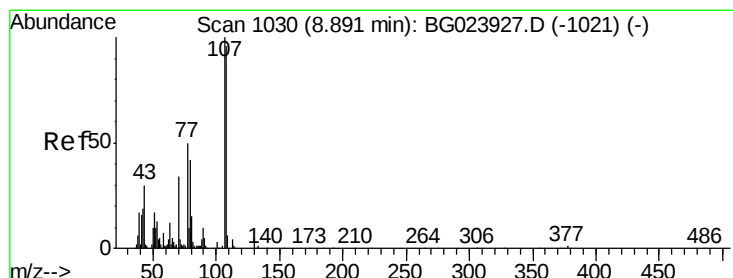
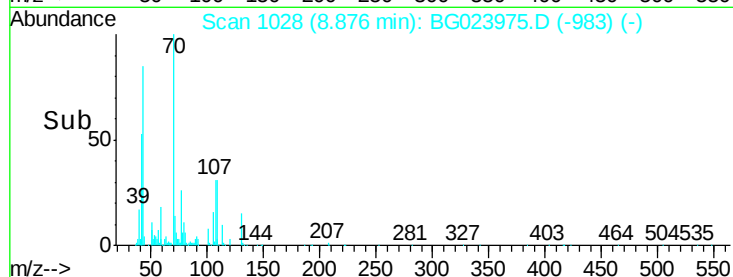
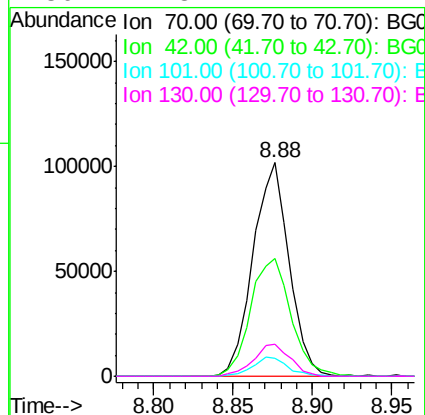
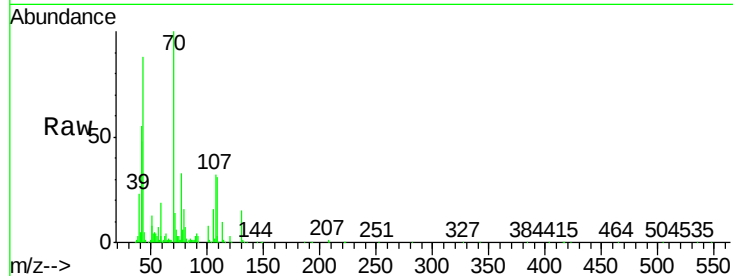




#19
n-Nitroso-di-n-propylamine
Concen: 38.33 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

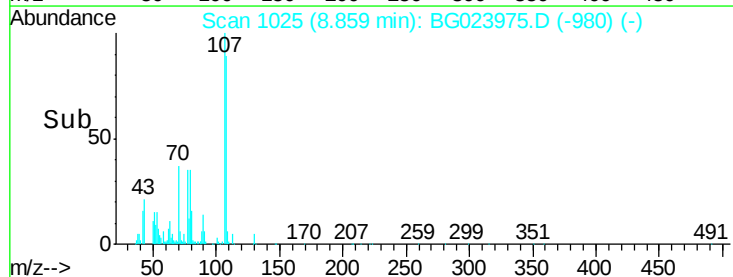
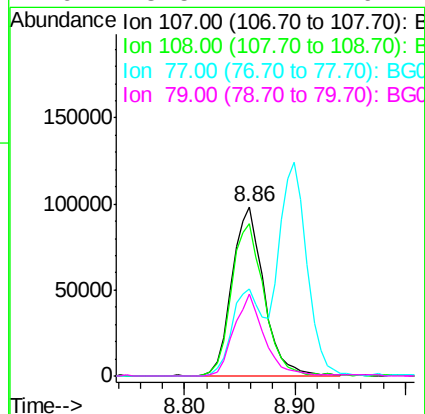
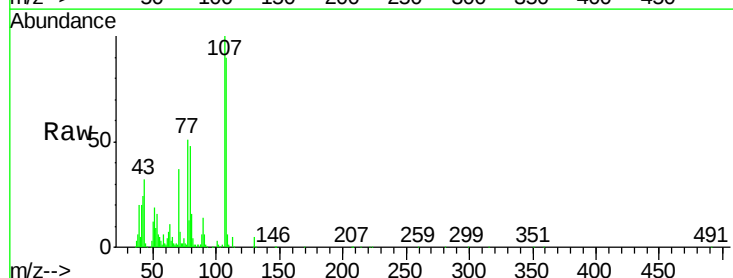
Instrument :
BNA_G
ClientSampleId :
PB93314BS

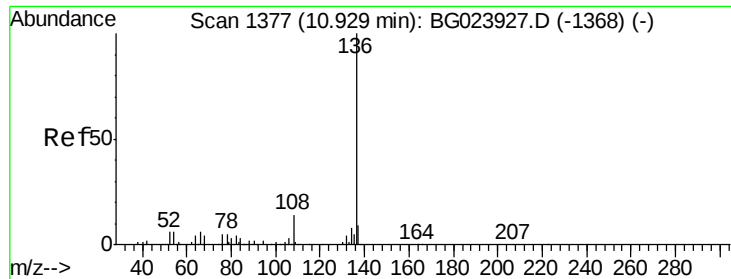
Tgt Ion:	70	Resp:	161061
Ion	Ratio	Lower	Upper
70	100		
42	55.3	42.1	63.1
101	8.3	7.2	10.8
130	14.8	14.2	21.2



#20
3+4-Methylphenols
Concen: 42.55 ng
RT: 8.86 min Scan# 1025
Delta R.T. -0.04 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

Tgt Ion:	107	Resp:	199901
Ion	Ratio	Lower	Upper
107	100		
108	89.6	72.5	112.5
77	51.4	30.1	70.1
79	48.5	24.2	64.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.89 min Scan# 1371

Delta R.T. -0.04 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

Tgt Ion:136 Resp: 263432

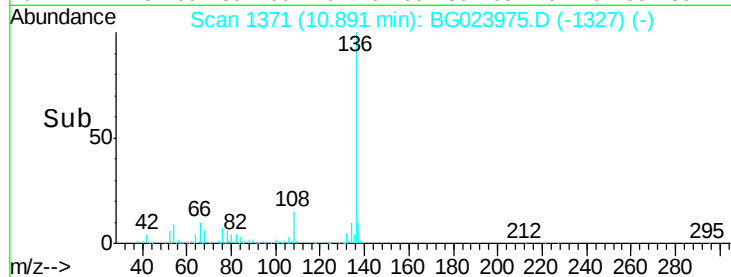
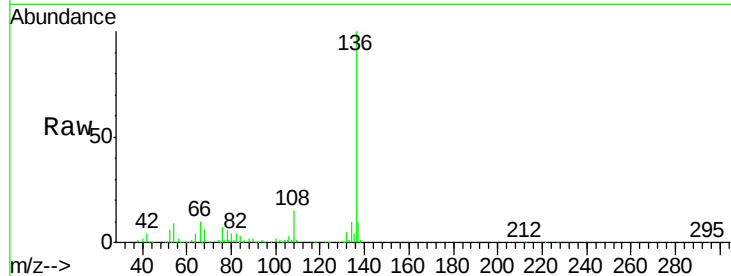
Ion Ratio Lower Upper

136 100

137 10.3 9.6 14.4

54 9.2 7.3 10.9

68 5.9 5.3 7.9

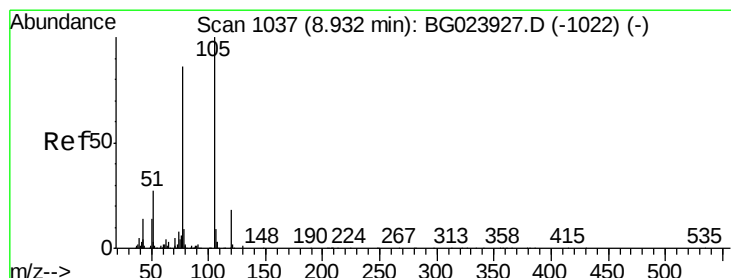
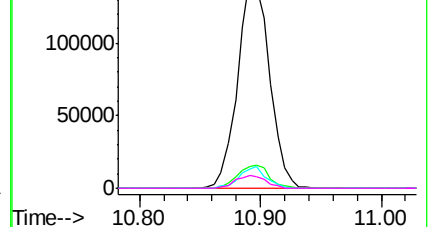


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 33.79 ng

RT: 8.90 min Scan# 1032

Delta R.T. -0.04 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Tgt Ion:105 Resp: 230486

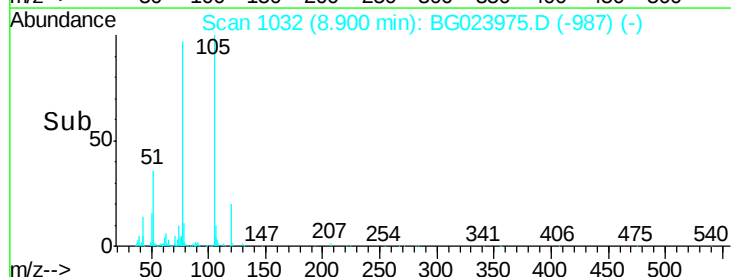
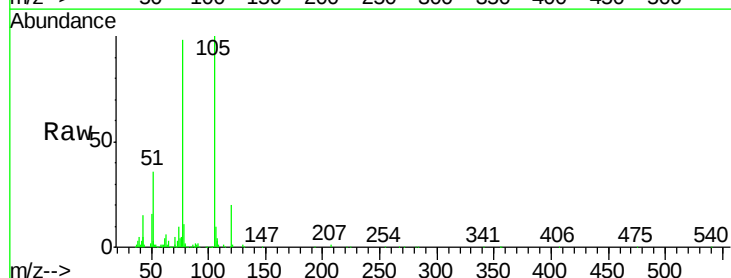
Ion Ratio Lower Upper

105 100

71 0.7 2.6 3.8#

51 36.1 27.1 40.7

120 19.6 15.1 22.7

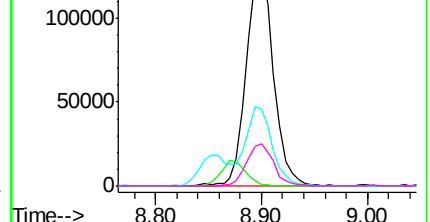


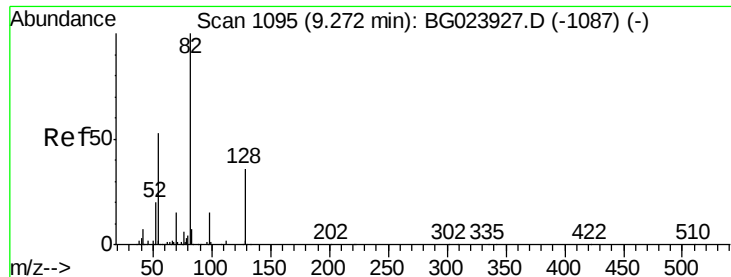
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

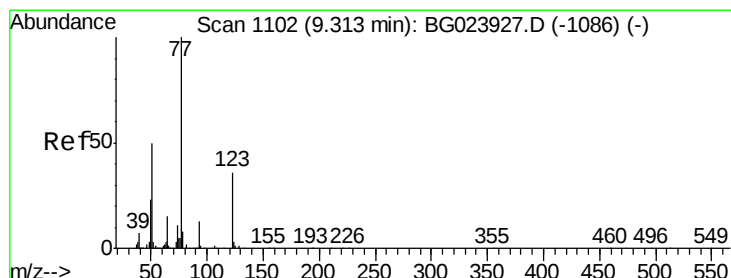
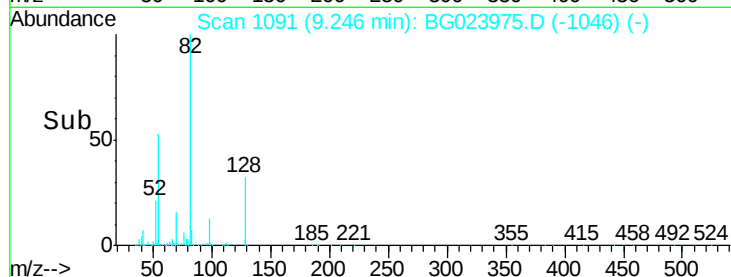
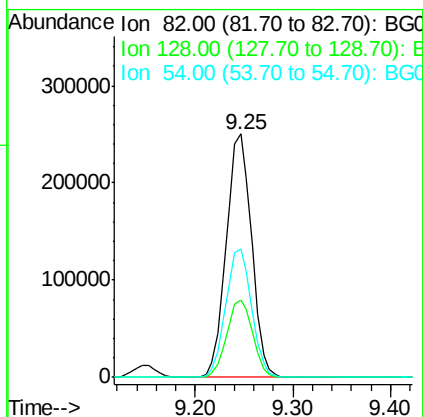
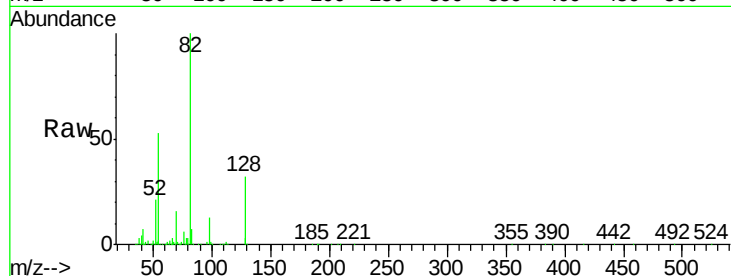




#23
 Nitrobenzene-d5
 Concen: 76.47 ng
 RT: 9.25 min Scan# 1091
 Delta R.T. -0.04 min
 Lab File: BG023975.D
 Acq: 9 Sep 2016 15:44

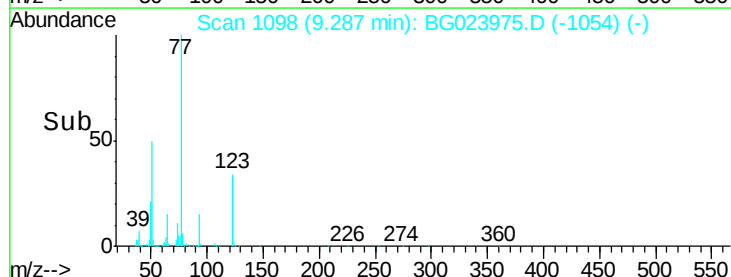
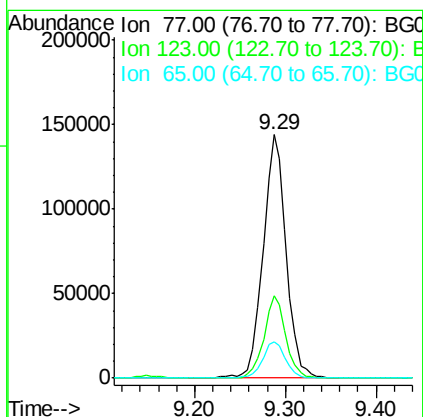
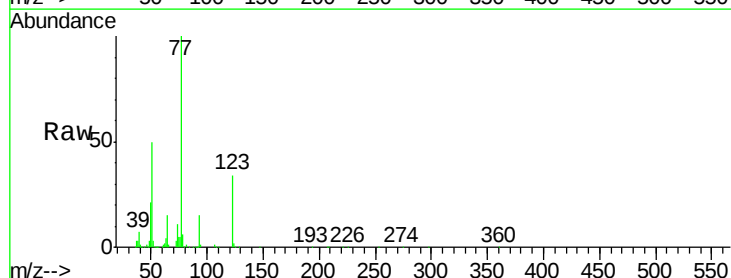
Instrument :
 BNA_G
 ClientSampleId :
 PB93314BS

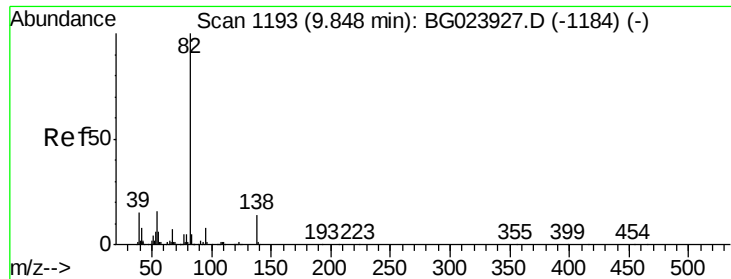
Tgt Ion: 82 Resp: 451241
 Ion Ratio Lower Upper
 82 100
 128 31.9 24.4 36.6
 54 52.9 41.4 62.0



#24
 Nitrobenzene
 Concen: 40.23 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.04 min
 Lab File: BG023975.D
 Acq: 9 Sep 2016 15:44

Tgt Ion: 77 Resp: 255255
 Ion Ratio Lower Upper
 77 100
 123 33.7 25.0 37.6
 65 14.9 13.4 20.0





#25

Isophorone

Concen: 37.20 ng

RT: 9.81 min Scan# 1187

Delta R.T. -0.04 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

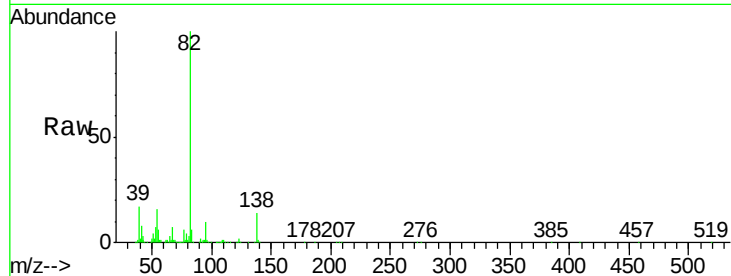
Tgt Ion: 82 Resp: 425638

Ion Ratio Lower Upper

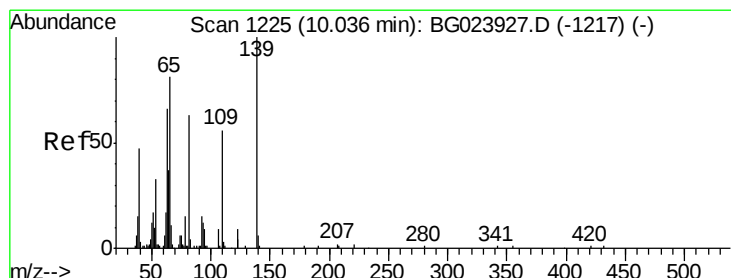
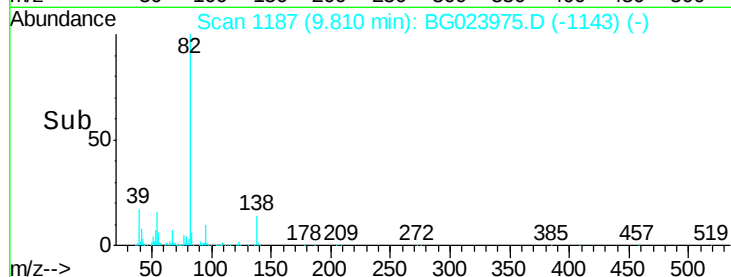
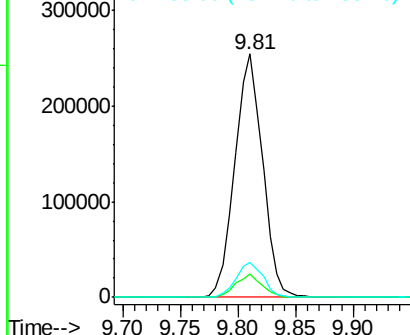
82 100

95 9.6 8.2 12.2

138 14.1 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: 39.09 ng

RT: 10.00 min Scan# 1220

Delta R.T. -0.04 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

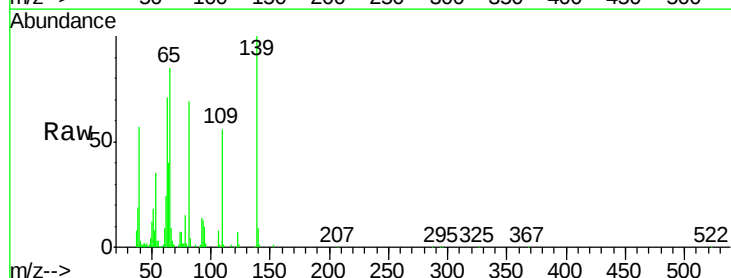
Tgt Ion: 139 Resp: 94287

Ion Ratio Lower Upper

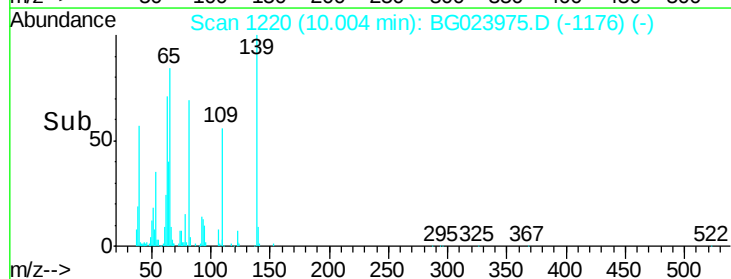
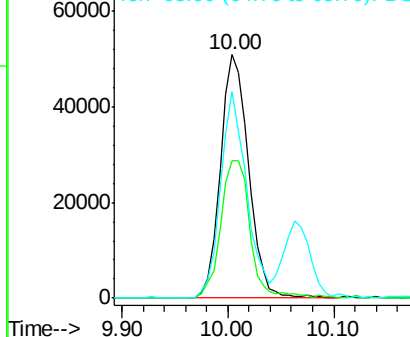
139 100

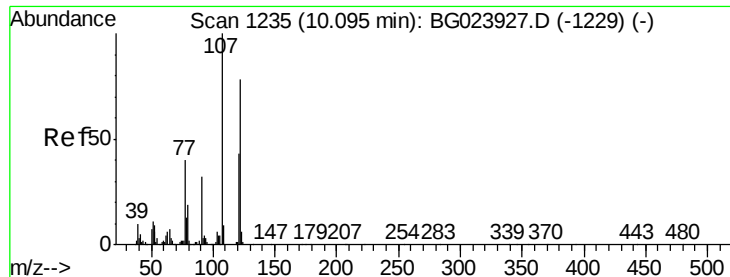
109 56.5 43.5 65.3

65 84.7 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

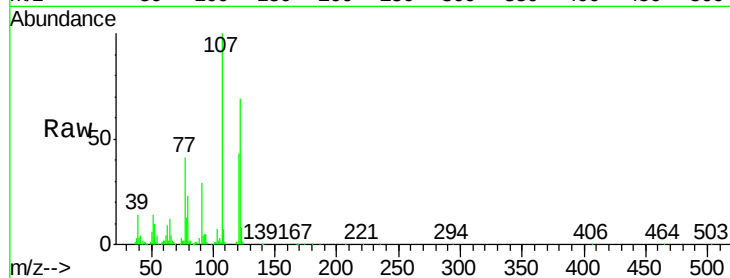




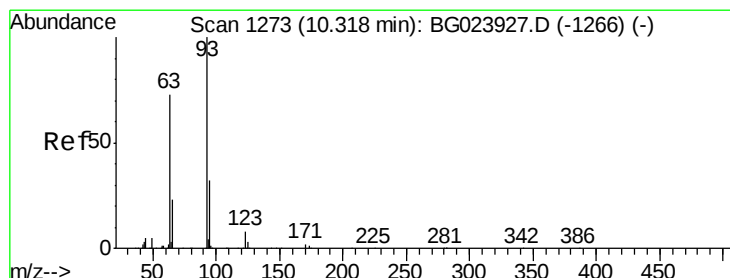
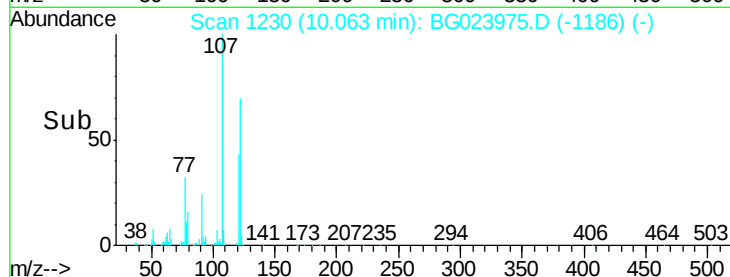
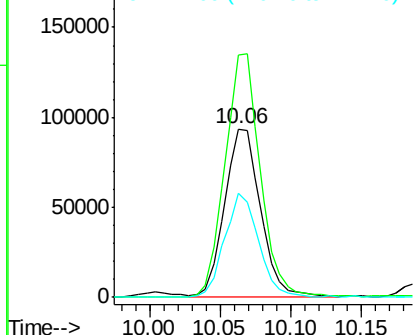
#27
2,4-Dimethylphenol
Concen: 40.27 ng
RT: 10.06 min Scan# 1230
Delta R.T. -0.04 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

Instrument :
BNA_G
ClientSampleId :
PB93314BS

Tgt Ion:122 Resp: 165069
Ion Ratio Lower Upper
122 100
107 144.2 117.0 175.4
121 61.7 50.1 75.1

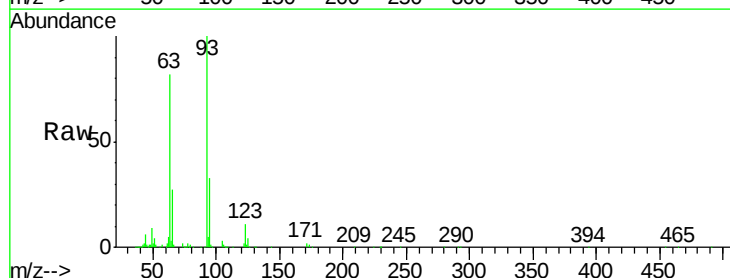


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

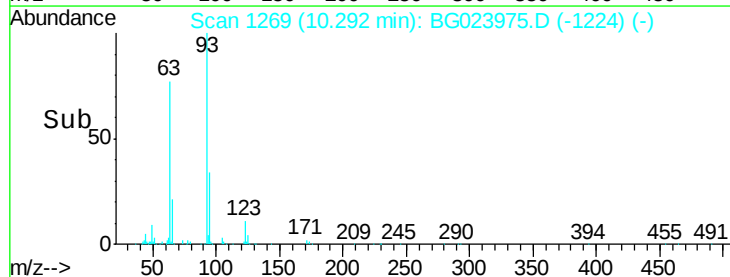
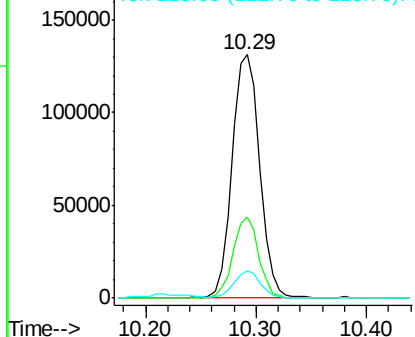


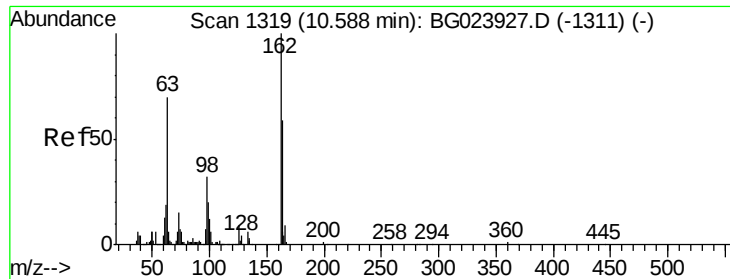
#28
bis(2-Chloroethoxy)methane
Concen: 39.89 ng
RT: 10.29 min Scan# 1269
Delta R.T. -0.04 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

Tgt Ion: 93 Resp: 230454
Ion Ratio Lower Upper
93 100
95 33.5 25.4 38.2
123 11.2 8.2 12.2



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

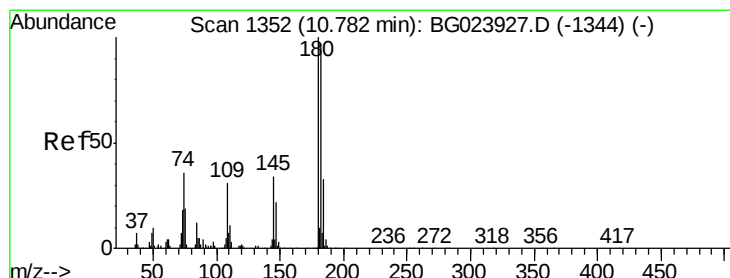
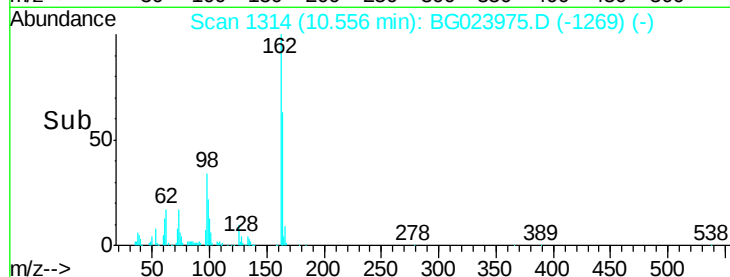
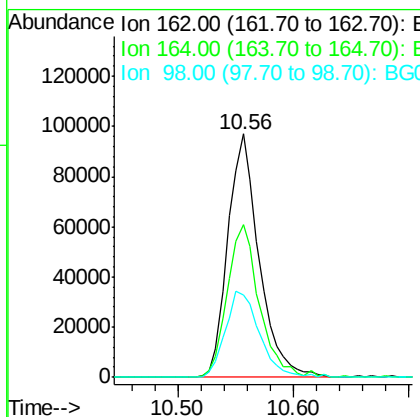
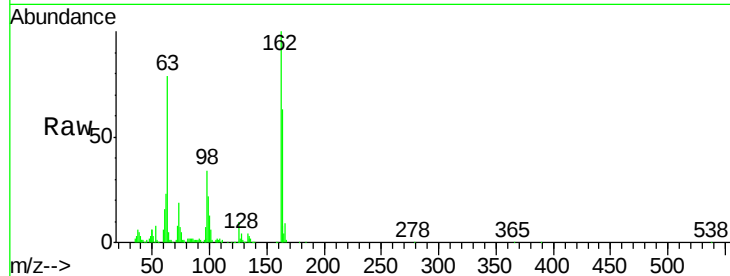




#29
 2,4-Dichlorophenol
 Concen: 42.00 ng
 RT: 10.56 min Scan# 1314
 Delta R.T. -0.04 min
 Lab File: BG023975.D
 Acq: 9 Sep 2016 15:44

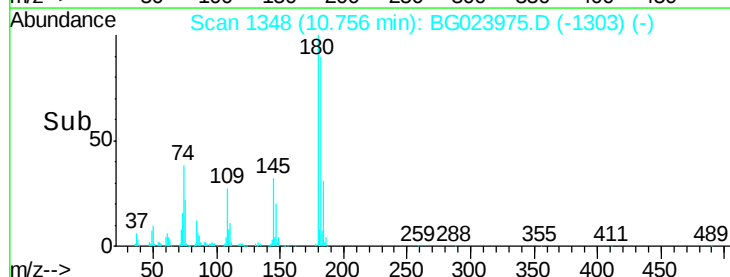
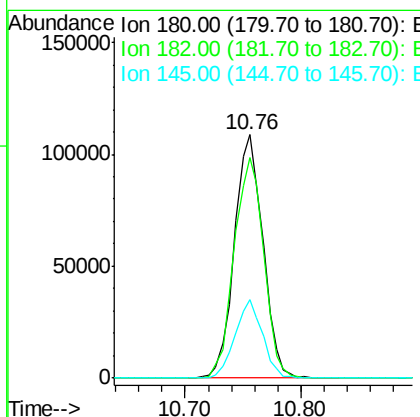
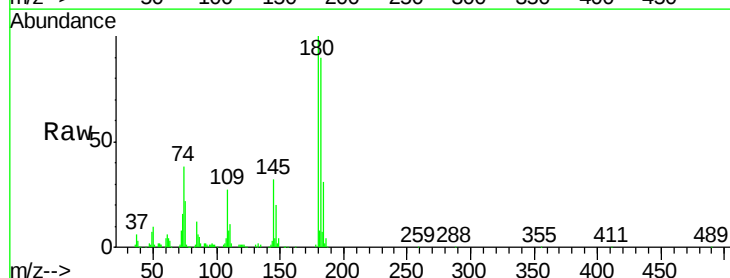
Instrument :
 BNA_G
 ClientSampleId :
 PB93314BS

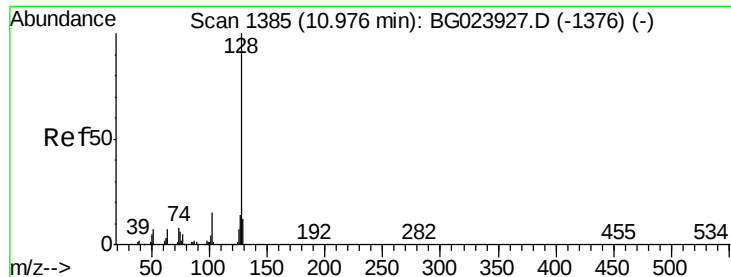
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.3	84.3
98	33.7	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 38.98 ng
 RT: 10.76 min Scan# 1348
 Delta R.T. -0.04 min
 Lab File: BG023975.D
 Acq: 9 Sep 2016 15:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.5	73.8	110.8
145	32.2	24.4	36.6

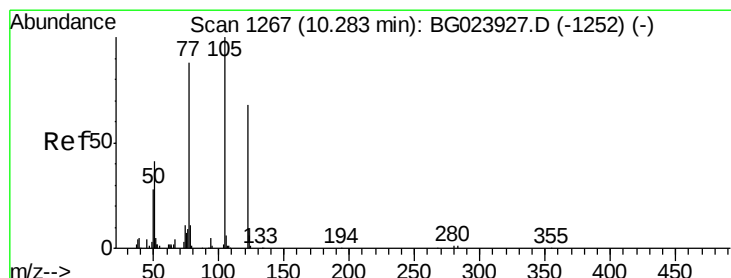
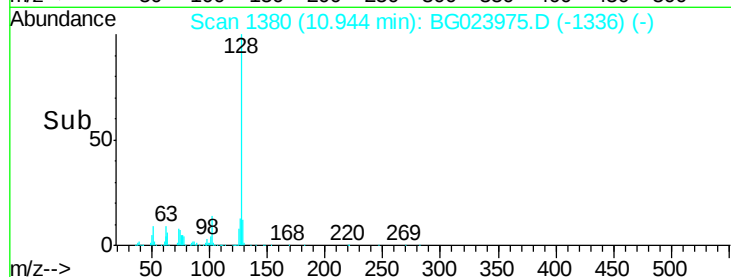
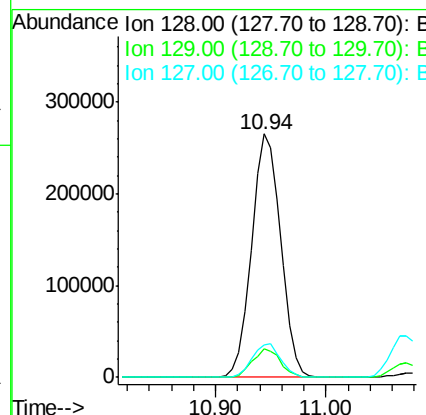
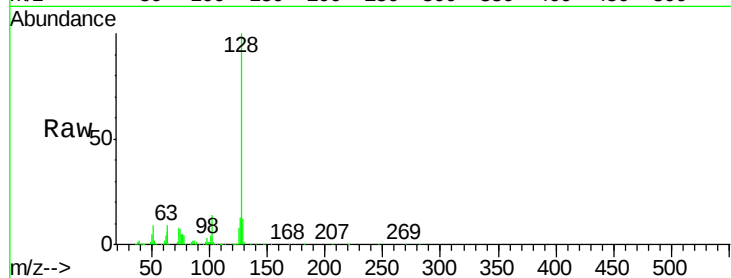




#31
Naphthalene
Concen: 36.11 ng
RT: 10.94 min Scan# 1380
Delta R.T. -0.04 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

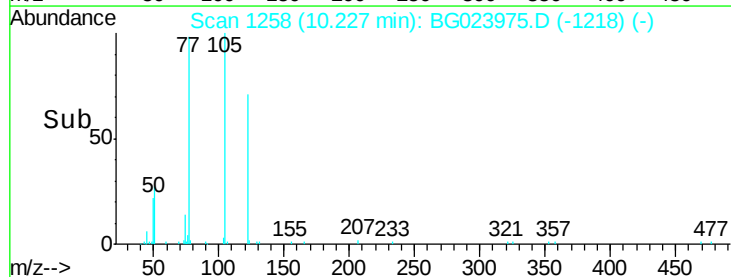
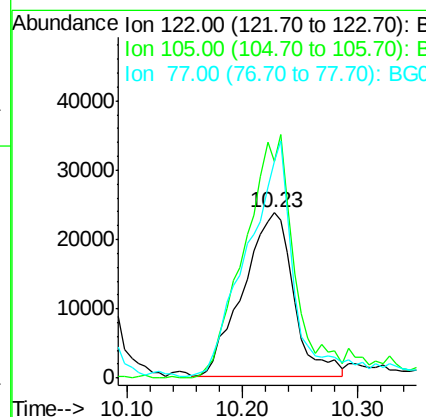
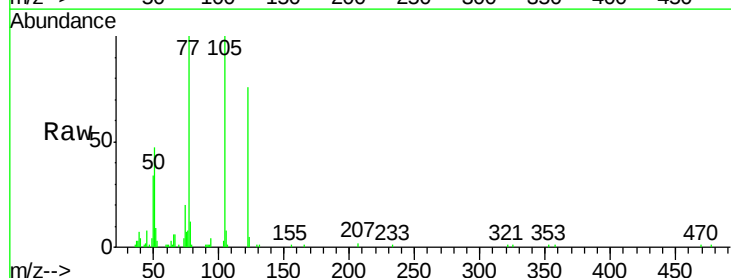
Instrument :
BNA_G
ClientSampleId :
PB93314BS

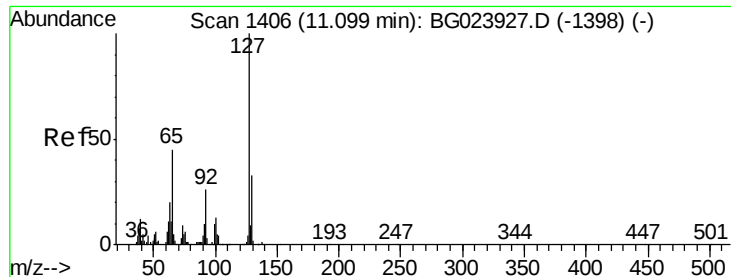
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.0
127	13.3	11.3	16.9



#32
Benzoic acid
Concen: 21.77 ng
RT: 10.23 min Scan# 1258
Delta R.T. -0.07 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.4	117.2	157.2
77	131.1	109.2	149.2

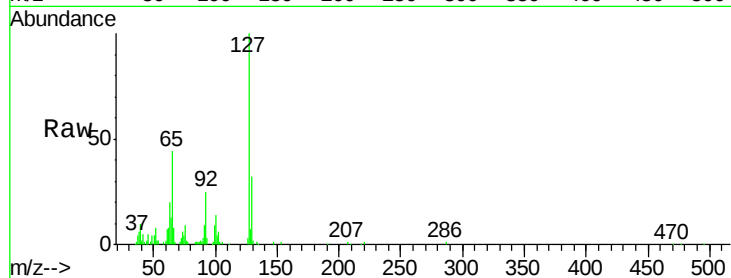




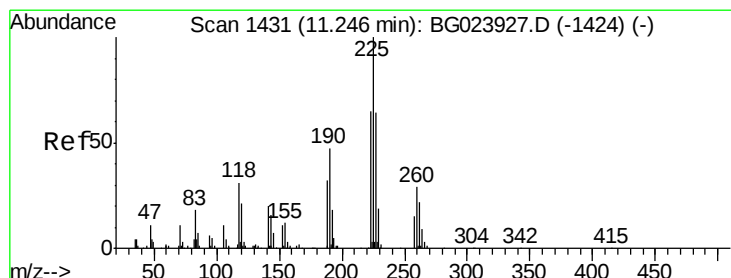
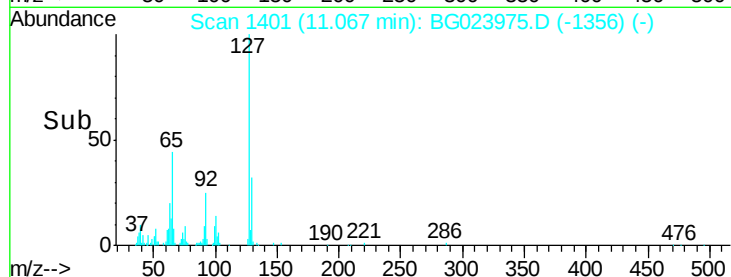
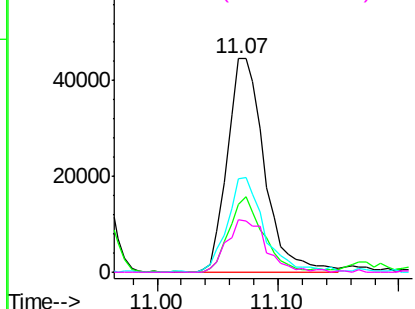
#33
4-Chloroaniline
Concen: 16.82 ng
RT: 11.07 min Scan# 1401
Delta R.T. -0.04 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

Instrument :
BNA_G
ClientSampleId :
PB93314BS

Tgt Ion:	127	Resp:	95345
Ion	Ratio	Lower	Upper
127	100		
129	31.7	27.9	41.9
65	43.5	36.8	55.2
92	24.9	21.0	31.6

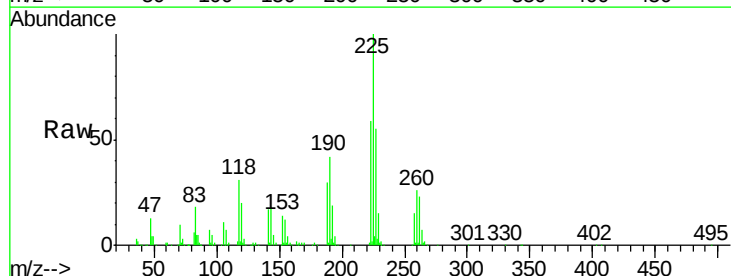


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

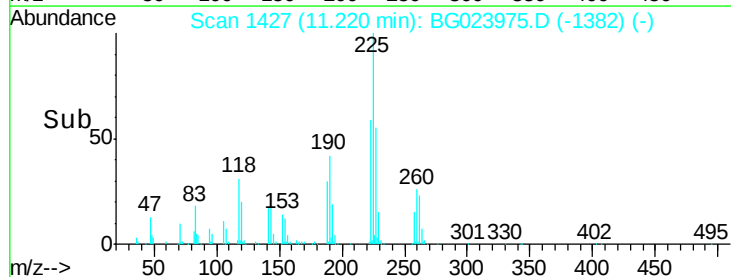
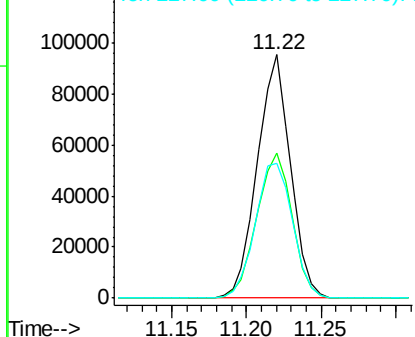


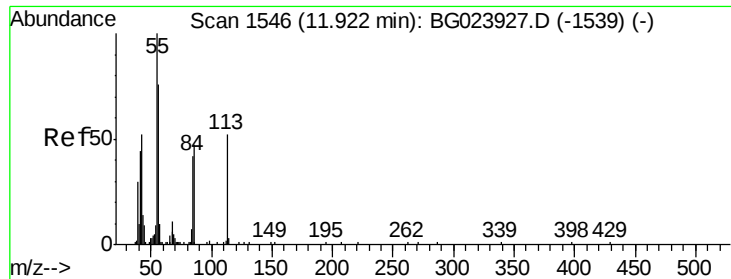
#34
Hexachlorobutadiene
Concen: 40.88 ng
RT: 11.22 min Scan# 1427
Delta R.T. -0.04 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

Tgt Ion:	225	Resp:	146274
Ion	Ratio	Lower	Upper
225	100		
223	59.4	49.6	74.4
227	55.4	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: 35.68 ng

RT: 11.87 min Scan# 1537

Delta R.T. -0.05 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

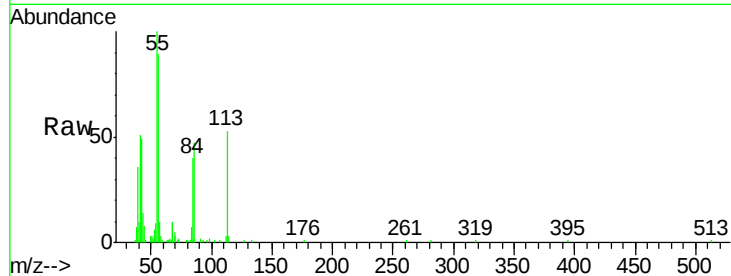
Tgt Ion:113 Resp: 54625

Ion Ratio Lower Upper

113 100

55 188.0 154.5 194.5

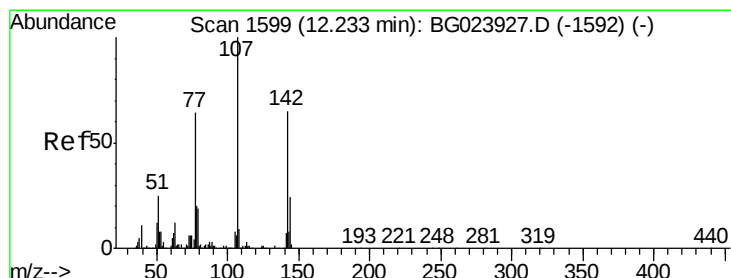
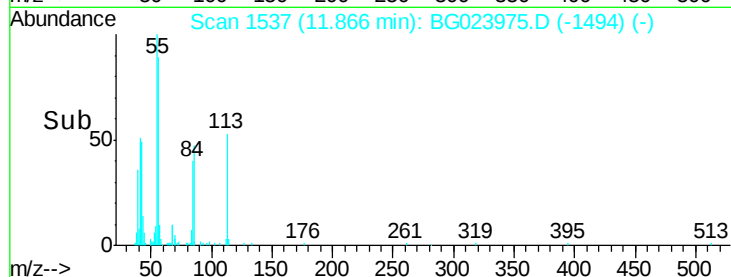
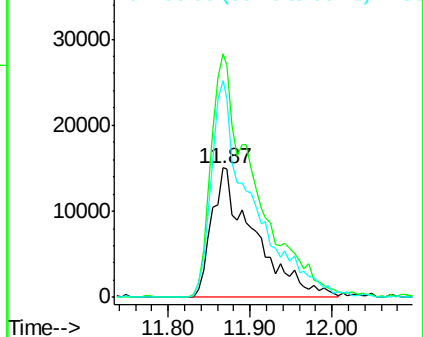
56 167.9 125.1 165.1#



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: 37.94 ng

RT: 12.20 min Scan# 1594

Delta R.T. -0.04 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

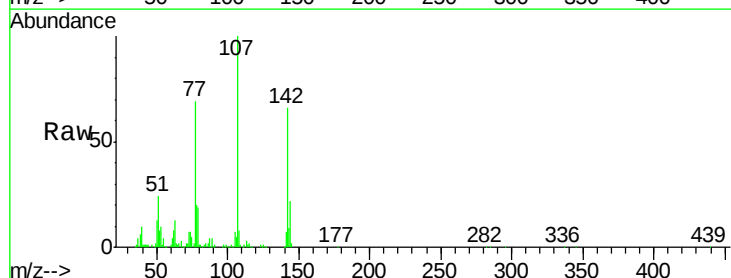
Tgt Ion:107 Resp: 220173

Ion Ratio Lower Upper

107 100

144 21.7 17.0 25.6

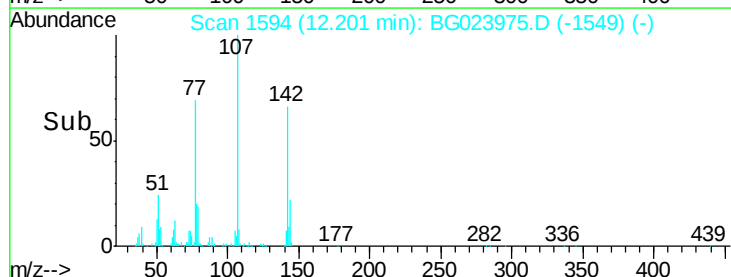
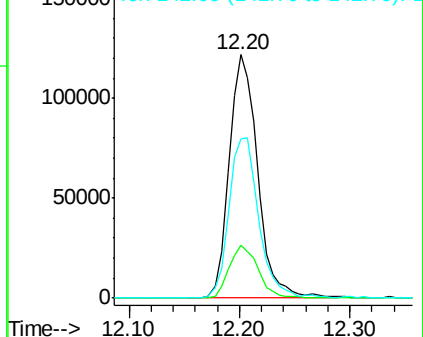
142 65.6 53.0 79.6

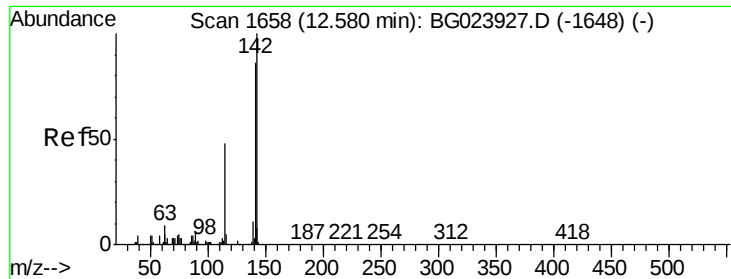


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

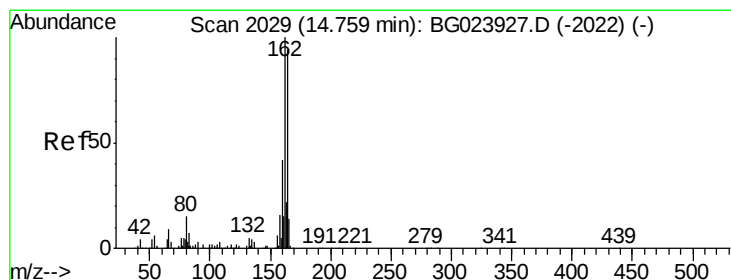
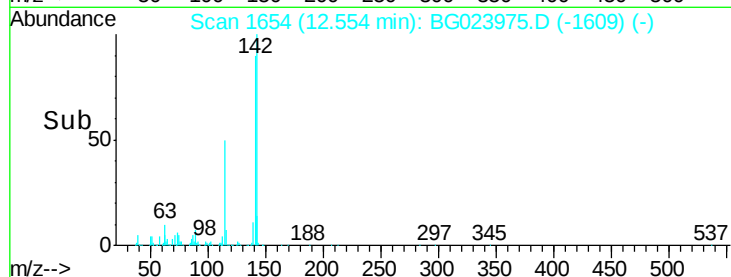
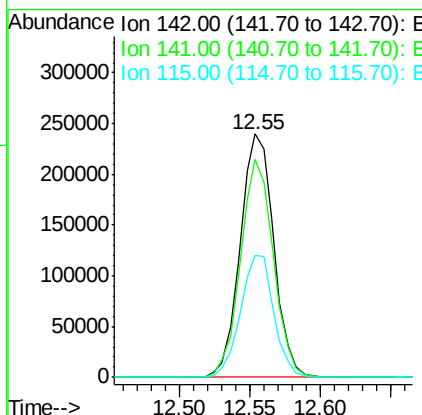
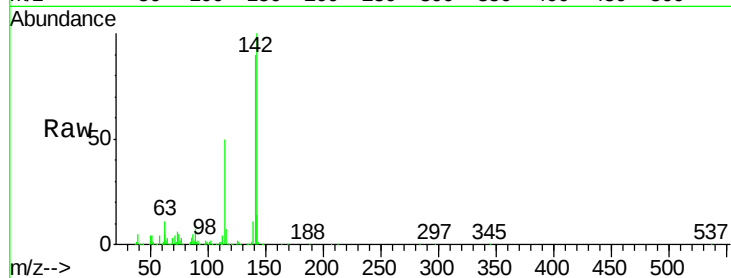




#37
 2-Methylnaphthalene
 Concen: 38.46 ng
 RT: 12.55 min Scan# 1654
 Delta R.T. -0.04 min
 Lab File: BG023975.D
 Acq: 9 Sep 2016 15:44

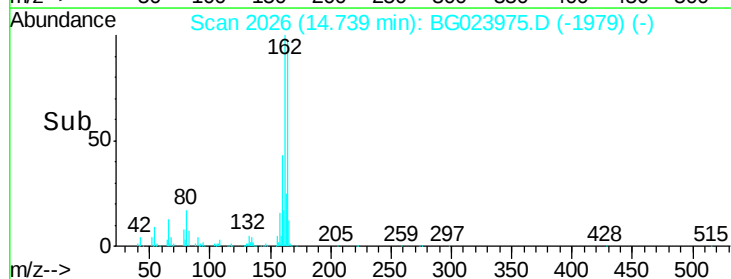
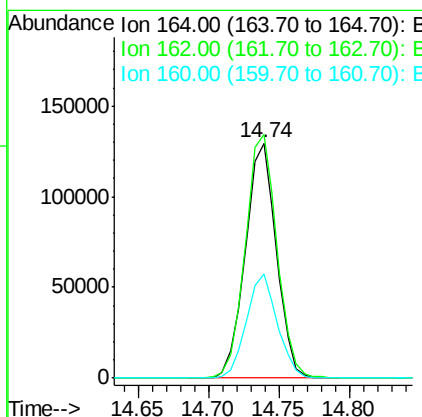
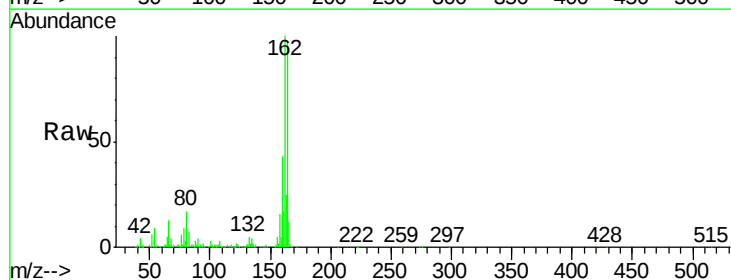
Instrument :
 BNA_G
 ClientSampleId :
 PB93314BS

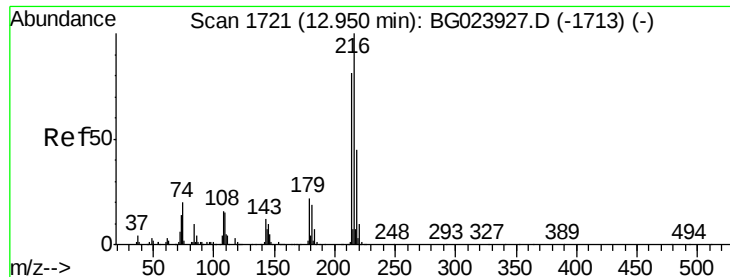
Tgt Ion:142 Resp: 397105
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.2 105.2
 115 50.3 41.7 62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.03 min
 Lab File: BG023975.D
 Acq: 9 Sep 2016 15:44

Tgt Ion:164 Resp: 199004
 Ion Ratio Lower Upper
 164 100
 162 103.6 87.7 131.5
 160 44.5 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.40 ng

RT: 12.92 min Scan# 1717

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

Tgt Ion:216 Resp: 227206

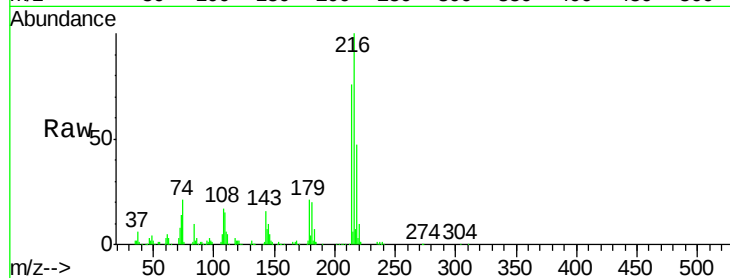
Ion Ratio Lower Upper

216 100

214 77.5 62.9 94.3

179 21.3 17.2 25.8

108 22.2 16.3 24.5

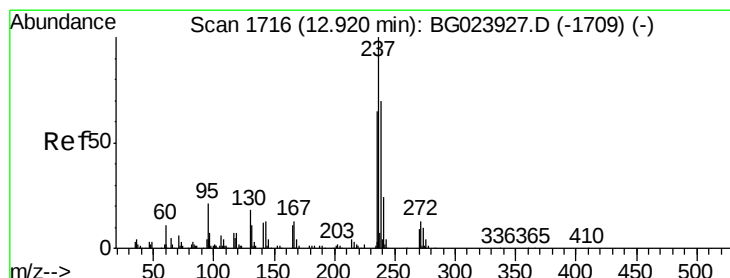
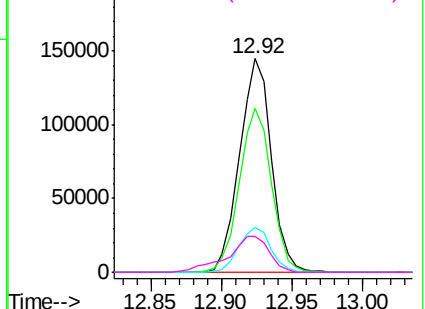
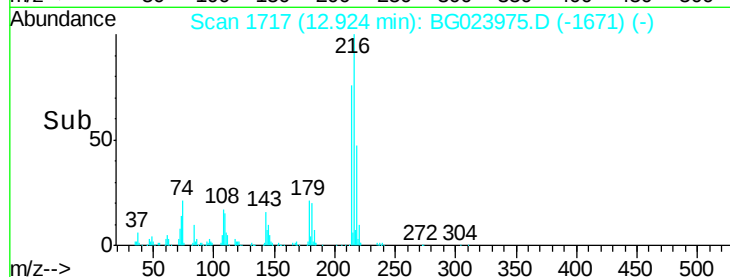


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.74 ng

RT: 12.89 min Scan# 1712

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

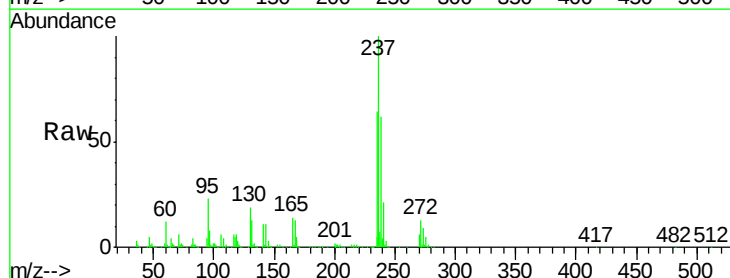
Tgt Ion:237 Resp: 282324

Ion Ratio Lower Upper

237 100

235 63.9 43.1 83.1

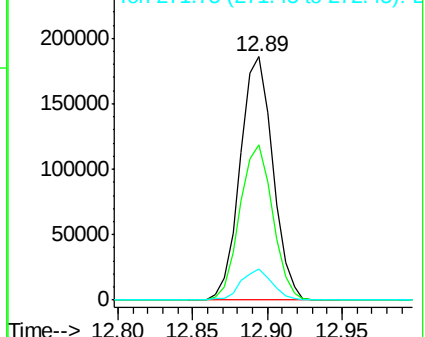
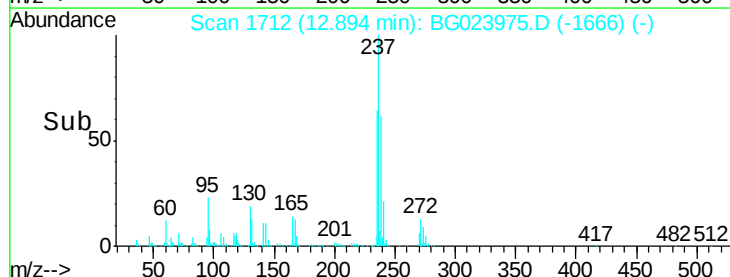
272 12.7 0.0 30.9

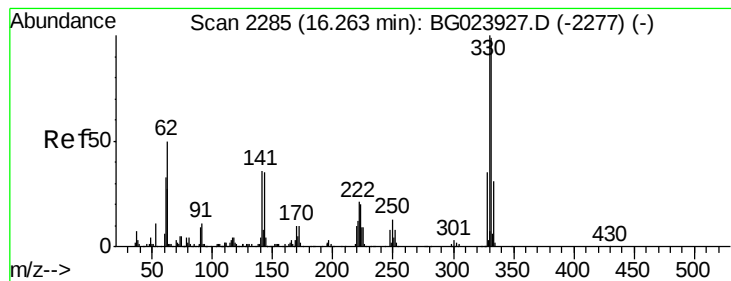


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 97.42 ng

RT: 16.24 min Scan# 2282

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

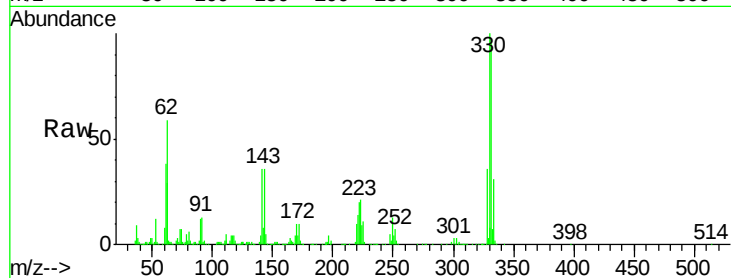
Tgt Ion:330 Resp: 349297

Ion Ratio Lower Upper

330 100

332 93.8 77.4 116.2

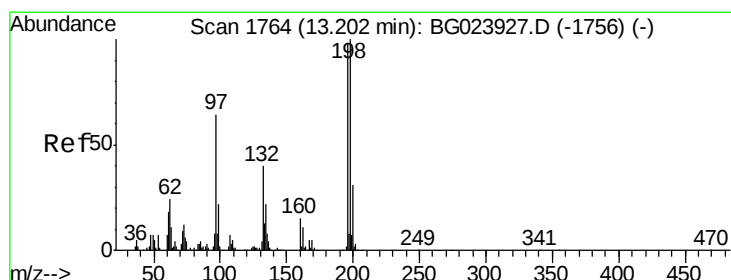
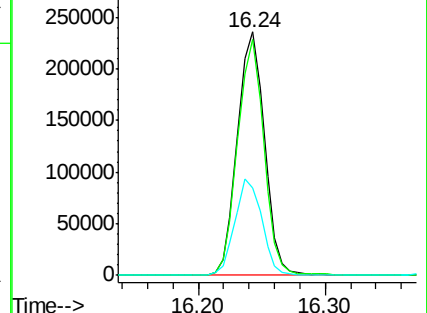
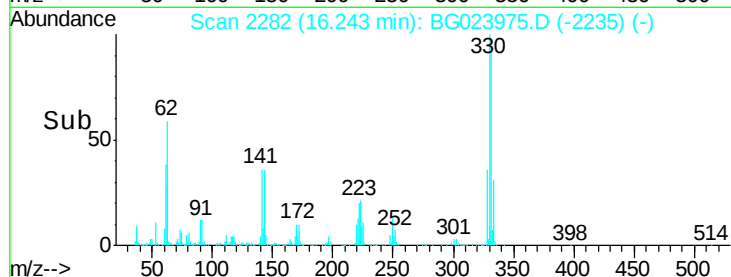
141 39.3 31.7 47.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 37.29 ng

RT: 13.17 min Scan# 1759

Delta R.T. -0.04 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

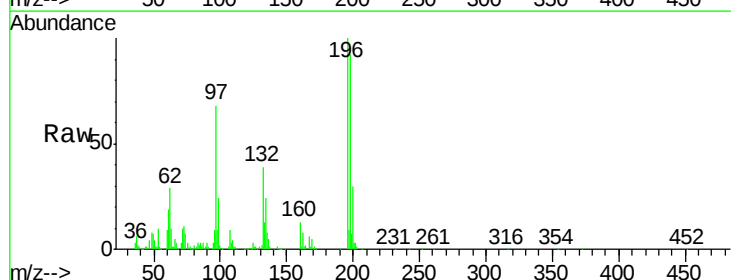
Tgt Ion:196 Resp: 164356

Ion Ratio Lower Upper

196 100

198 91.6 78.2 117.2

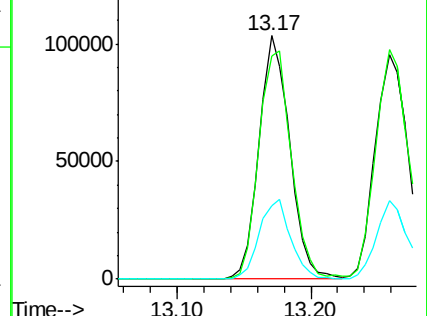
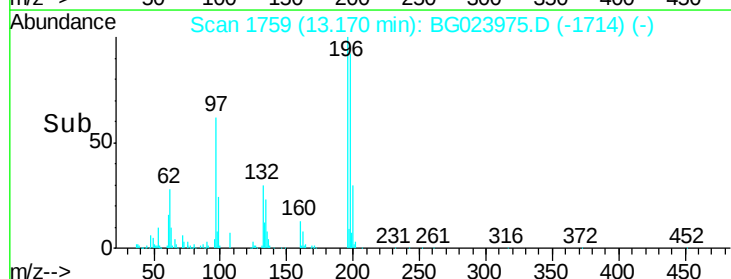
200 30.3 27.0 40.4

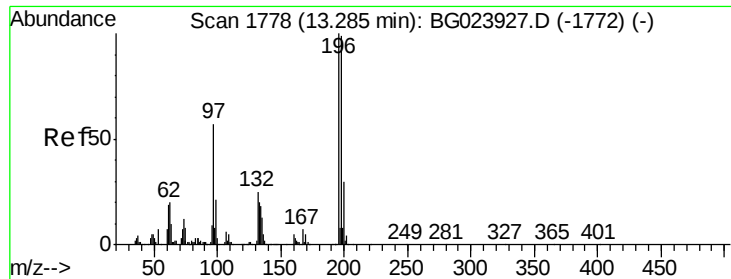


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

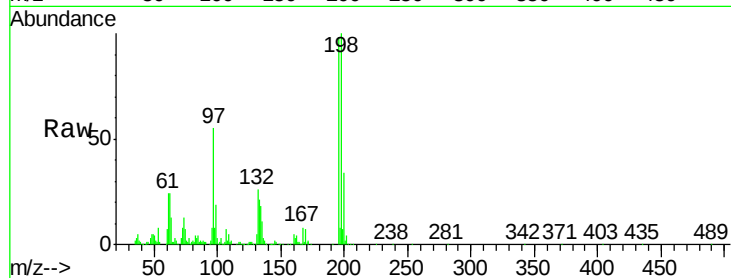




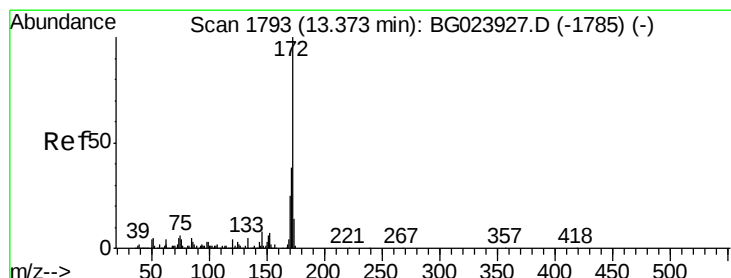
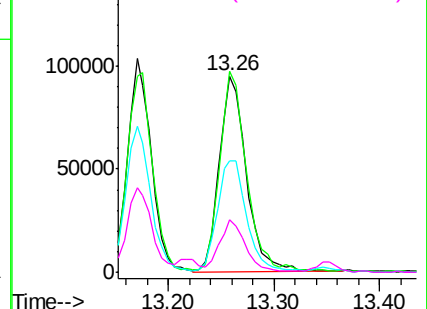
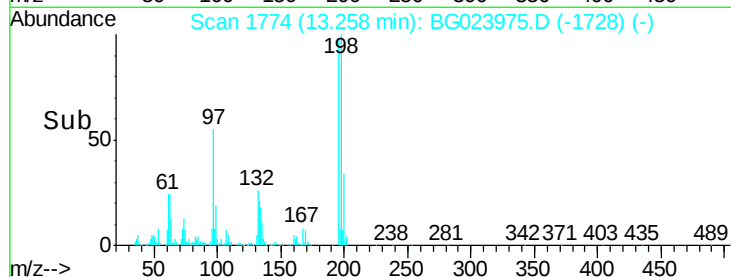
#43
2,4,5-Trichlorophenol
Concen: 38.06 ng
RT: 13.26 min Scan# 1774
Delta R.T. -0.03 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

Instrument :
BNA_G
ClientSampleId :
PB93314BS

Tgt Ion:196 Resp: 169610
Ion Ratio Lower Upper
196 100
198 102.5 85.7 128.5
97 56.4 45.5 68.3
132 26.9 18.9 28.3

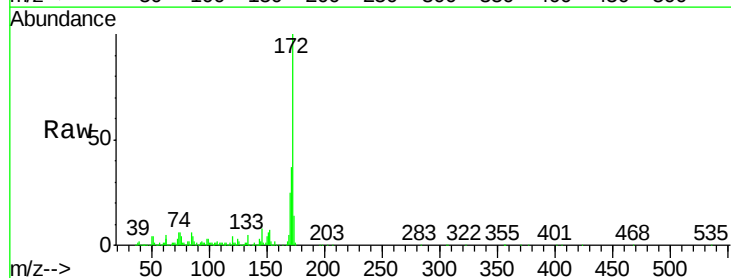


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

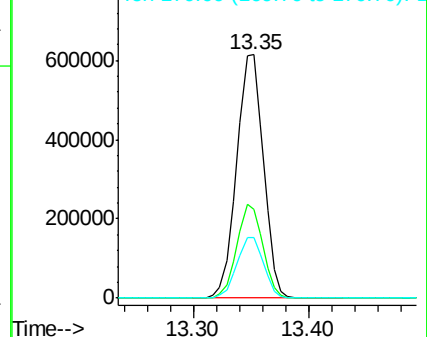
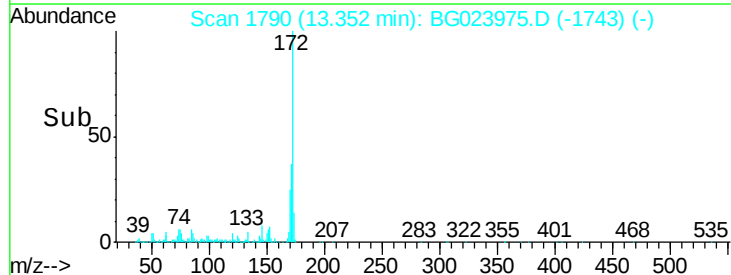


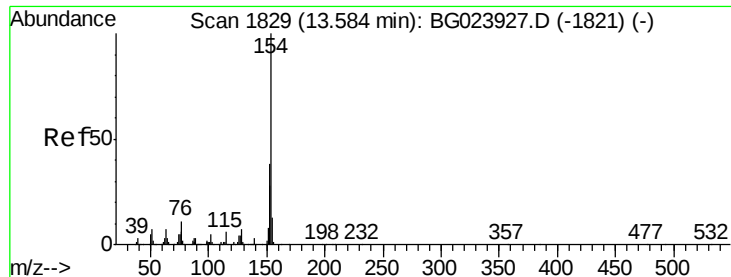
#44
2-Fluorobiphenyl
Concen: 71.06 ng
RT: 13.35 min Scan# 1790
Delta R.T. -0.03 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

Tgt Ion:172 Resp: 986271
Ion Ratio Lower Upper
172 100
171 36.5 31.6 47.4
170 24.9 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

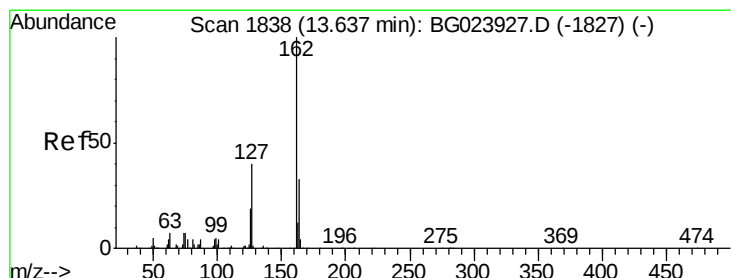
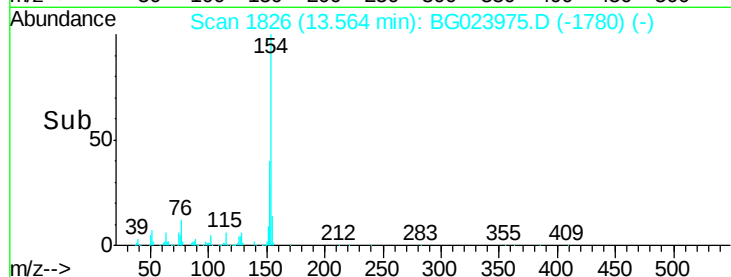
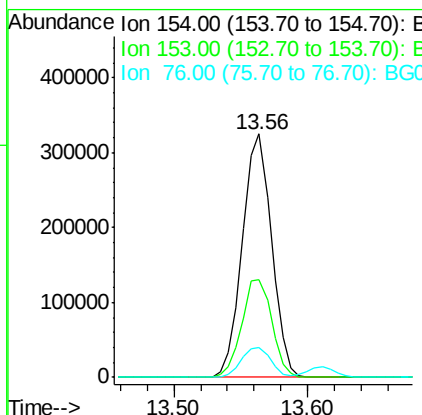
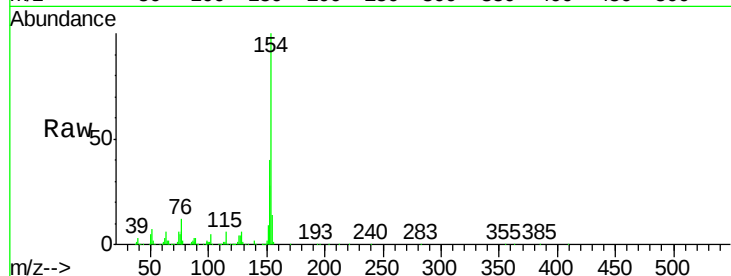




#45
 1,1'-Biphenyl
 Concen: 30.77 ng
 RT: 13.56 min Scan# 1826
 Delta R.T. -0.03 min
 Lab File: BG023975.D
 Acq: 9 Sep 2016 15:44

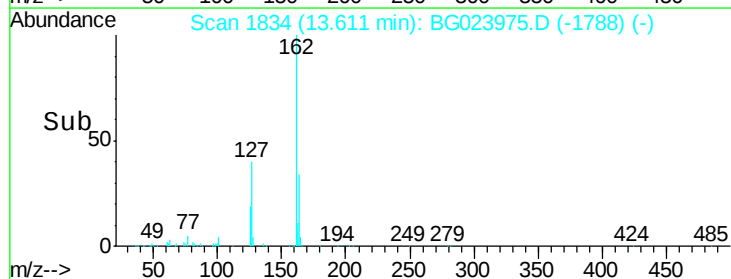
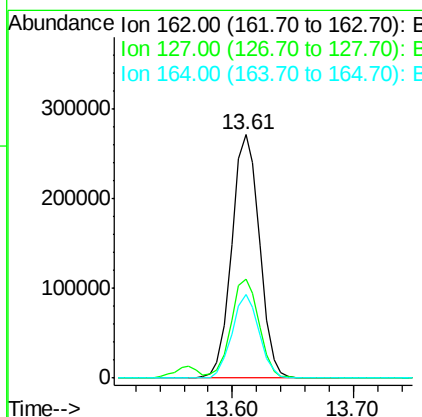
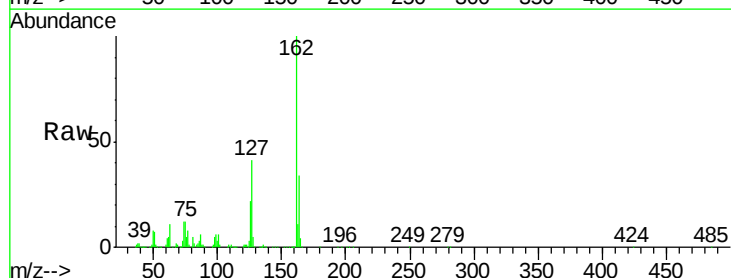
Instrument :
 BNA_G
 ClientSampleId :
 PB93314BS

Tgt Ion:	154	Resp:	492497
Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.2	60.2
76	12.0	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 36.86 ng
 RT: 13.61 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG023975.D
 Acq: 9 Sep 2016 15:44

Tgt Ion:	162	Resp:	433147
Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.4	48.6
164	34.4	25.2	37.8





#47

2-Nitroaniline

Concen: 40.63 ng

RT: 13.83 min Scan# 1871

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

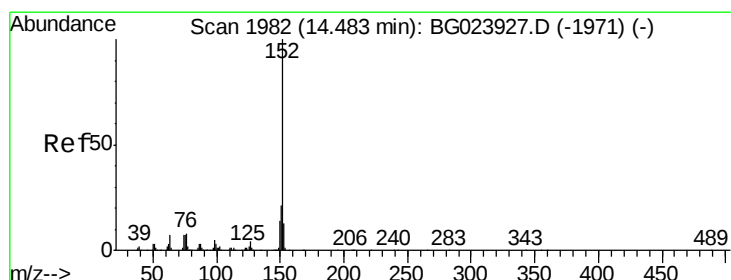
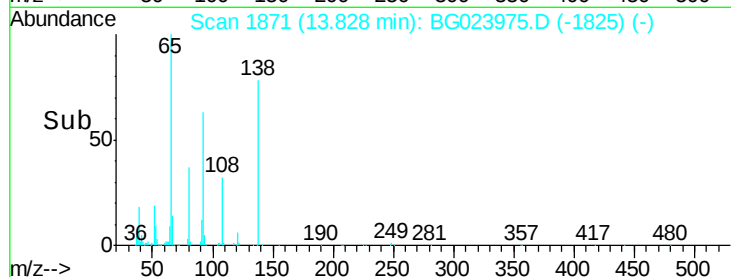
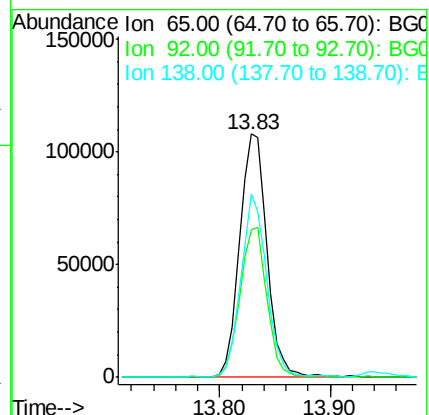
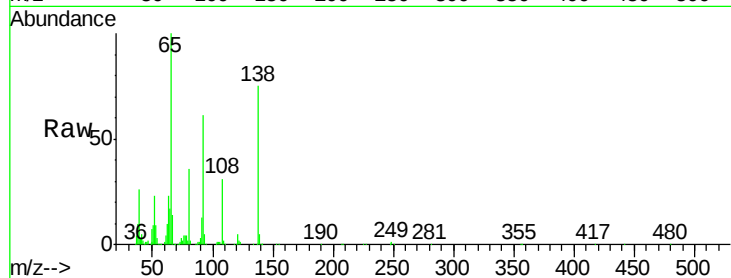
Tgt Ion: 65 Resp: 188070

Ion Ratio Lower Upper

65 100

92 60.9 49.4 74.0

138 75.1 58.0 87.0



#48

Acenaphthylene

Concen: 35.13 ng

RT: 14.46 min Scan# 1979

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

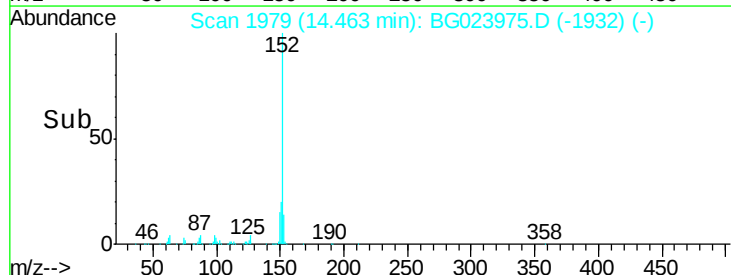
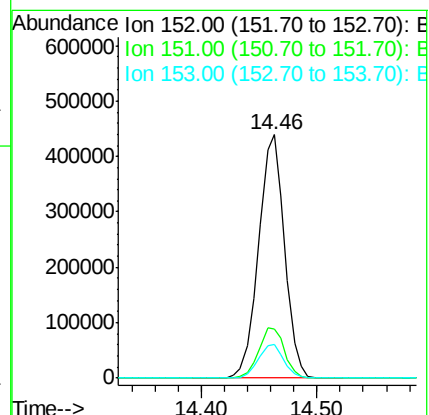
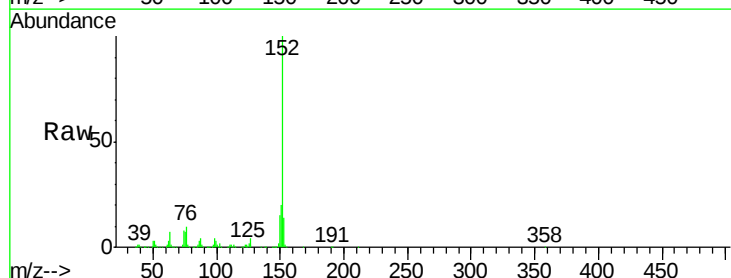
Tgt Ion: 152 Resp: 688076

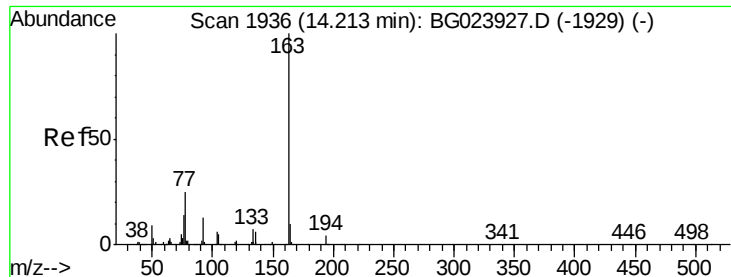
Ion Ratio Lower Upper

152 100

151 20.1 17.6 26.4

153 13.7 11.4 17.2





#49

Dimethylphthalate

Concen: 34.51 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

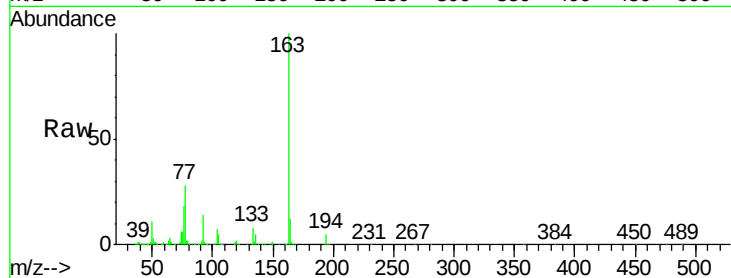
Tgt Ion:163 Resp: 588821

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

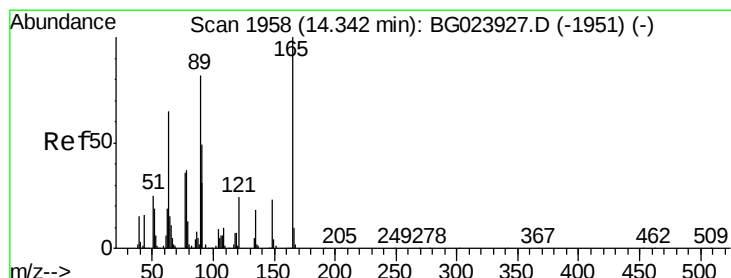
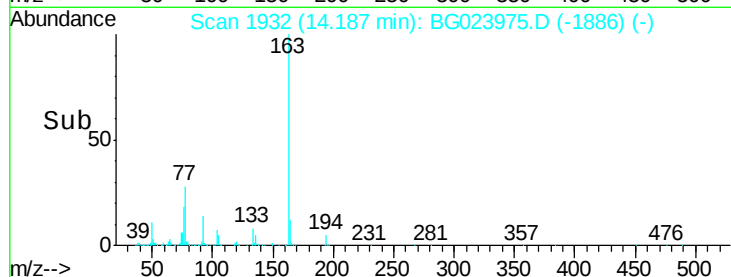
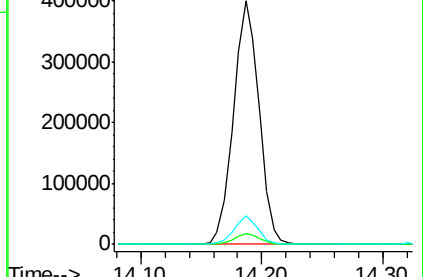
164 11.6 8.1 12.1



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: 35.29 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

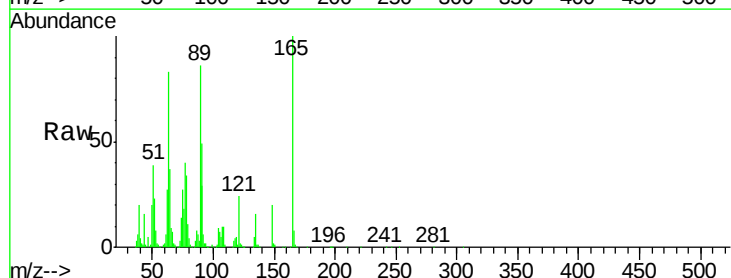
Tgt Ion:165 Resp: 127131

Ion Ratio Lower Upper

165 100

63 83.4 64.3 96.5

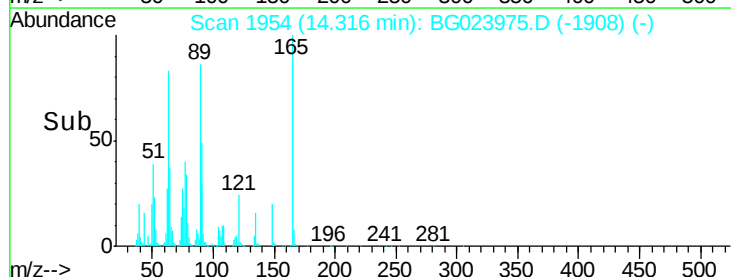
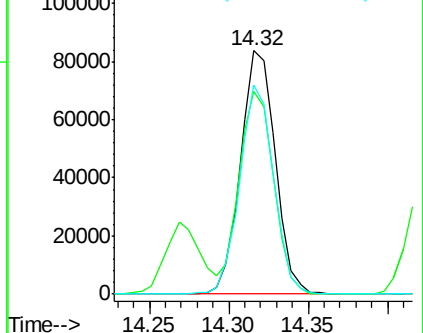
89 86.0 64.3 96.5

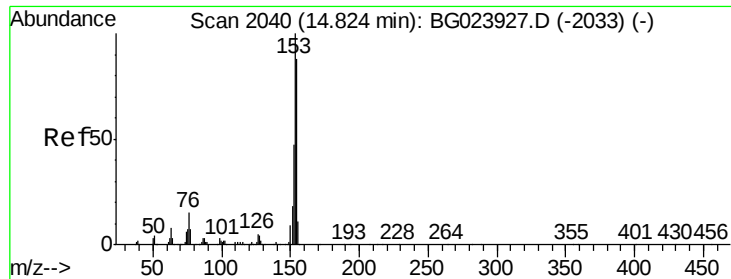


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 36.02 ng

RT: 14.80 min Scan# 2037

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

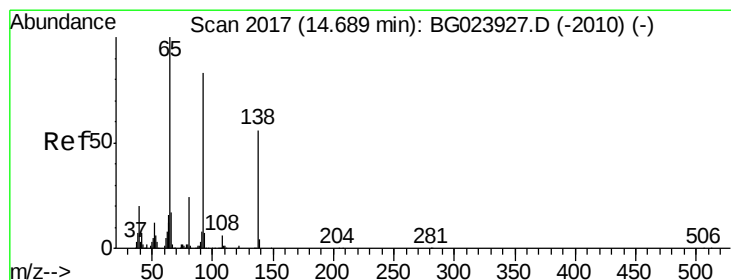
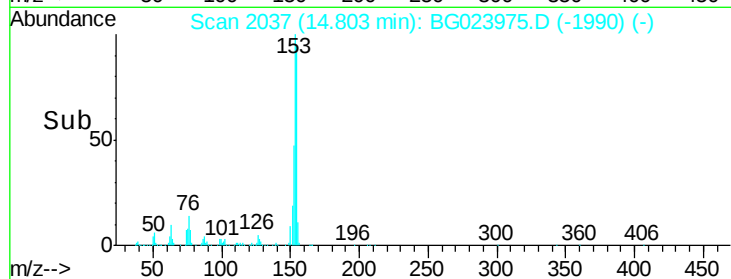
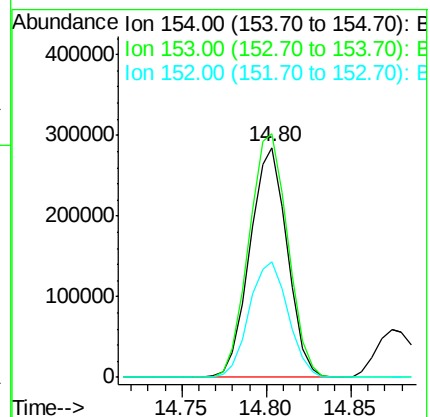
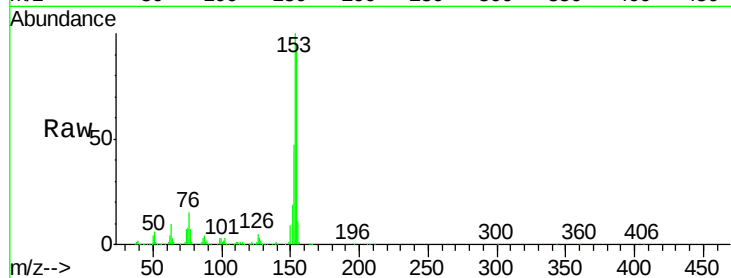
Tgt Ion:154 Resp: 436150

Ion Ratio Lower Upper

154 100

153 106.0 87.5 131.3

152 50.3 42.7 64.1



#52

3-Nitroaniline

Concen: 23.65 ng

RT: 14.66 min Scan# 2013

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

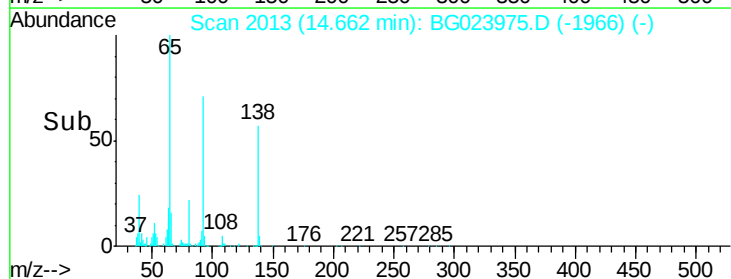
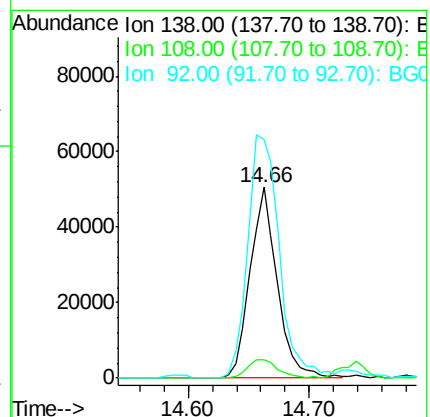
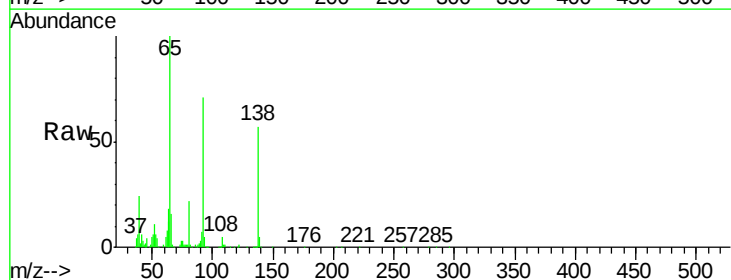
Tgt Ion:138 Resp: 79704

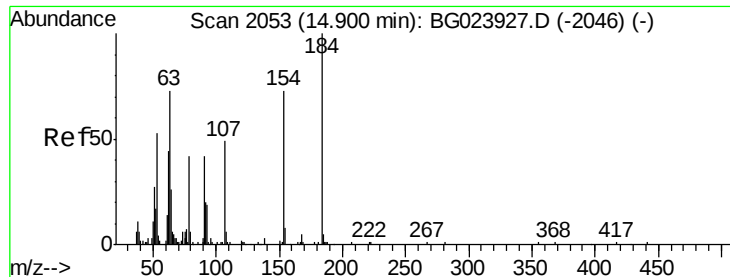
Ion Ratio Lower Upper

138 100

108 9.4 11.7 17.5#

92 125.0 129.7 194.5#

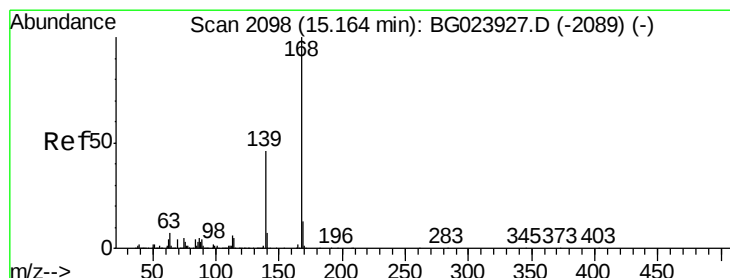
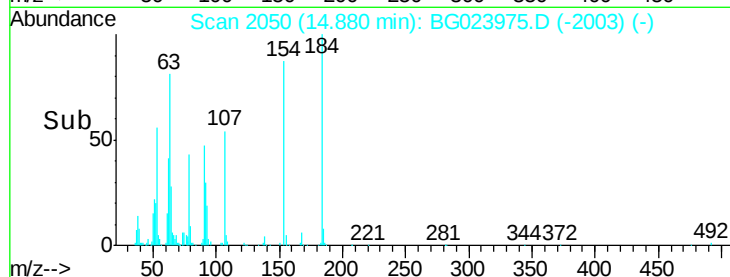
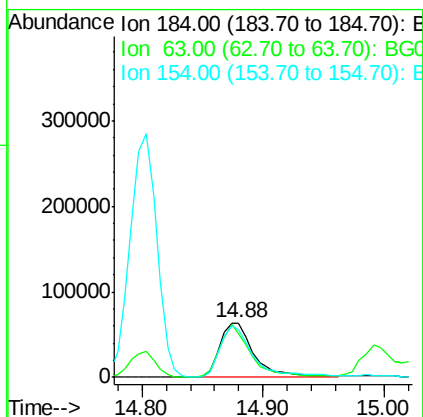
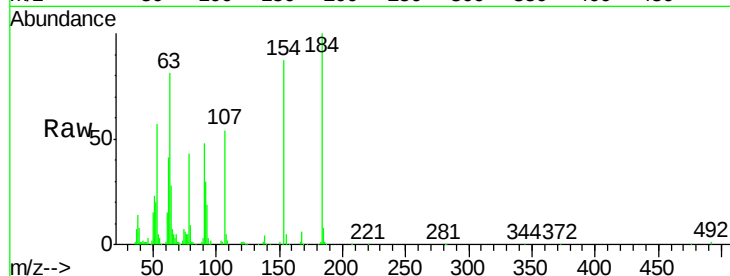




#53
2,4-Dinitrophenol
Concen: 50.39 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.03 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

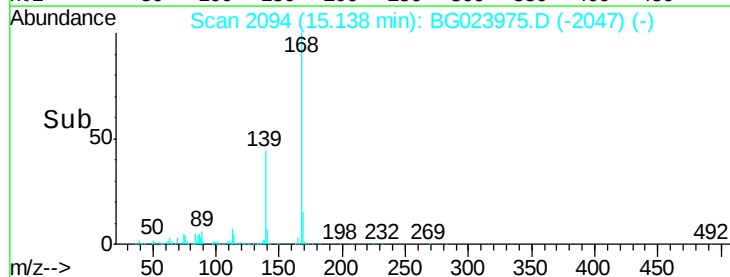
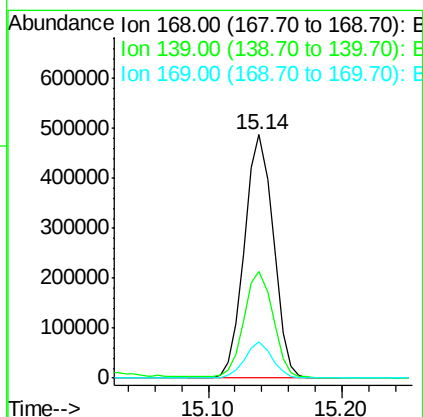
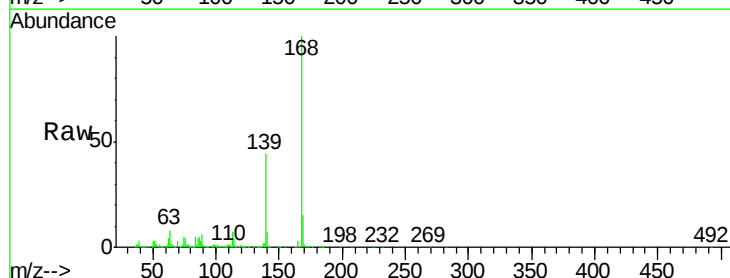
Instrument :
BNA_G
ClientSampleId :
PB93314BS

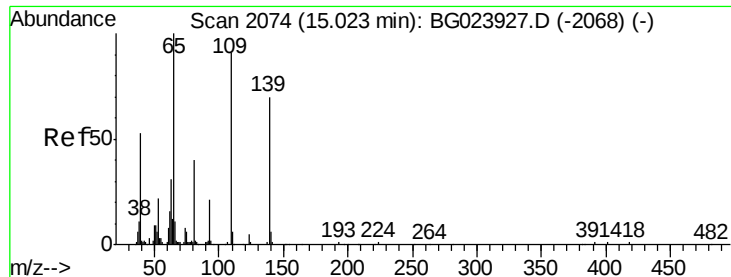
Tgt Ion:184 Resp: 125788
Ion Ratio Lower Upper
184 100
63 81.2 59.6 89.4
154 87.3 67.4 101.0



#54
Dibenzofuran
Concen: 38.63 ng
RT: 15.14 min Scan# 2094
Delta R.T. -0.03 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

Tgt Ion:168 Resp: 730065
Ion Ratio Lower Upper
168 100
139 43.9 36.4 54.6
169 14.8 11.9 17.9

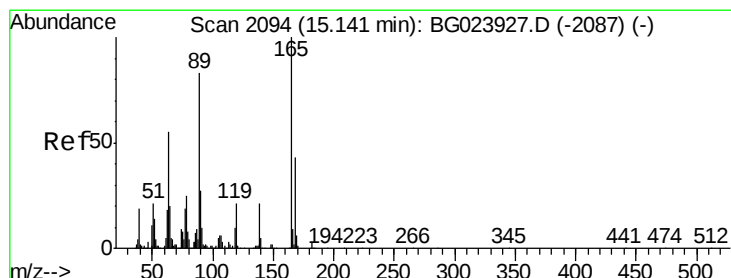
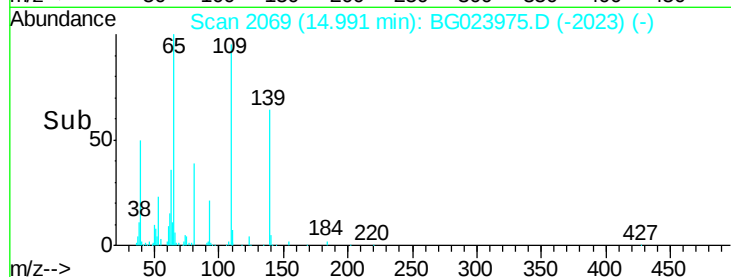
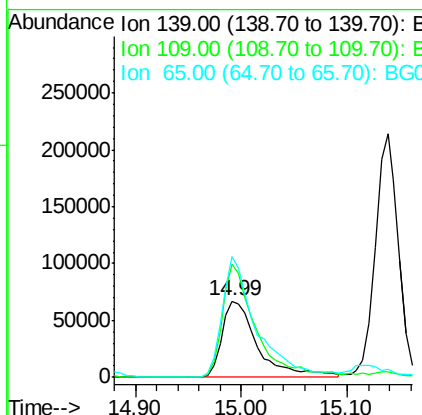
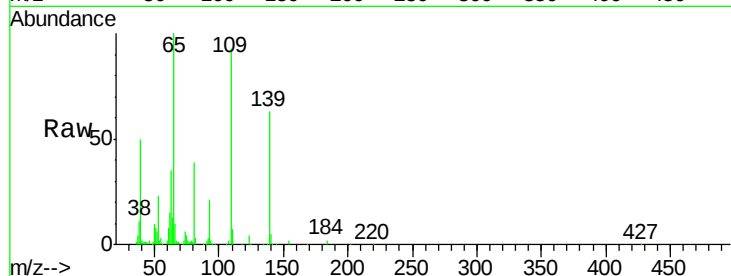




#55
4-Nitrophenol
Concen: 58.51 ng
RT: 14.99 min Scan# 2069
Delta R.T. -0.03 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

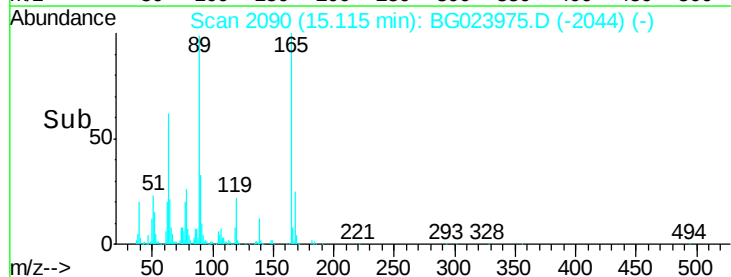
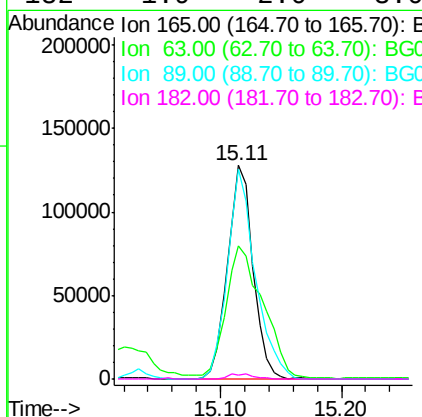
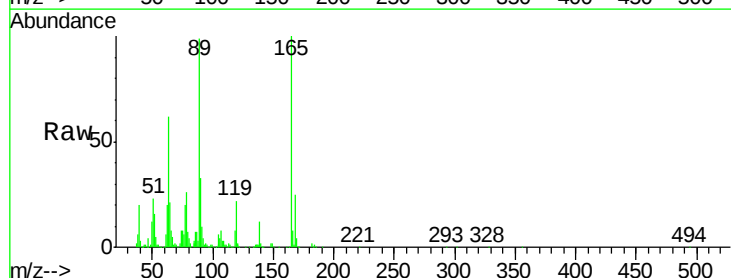
Instrument :
BNA_G
ClientSampleId :
PB93314BS

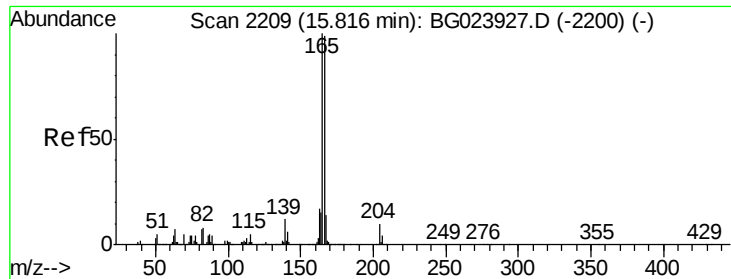
Tgt Ion:139 Resp: 156860
Ion Ratio Lower Upper
139 100
109 147.9 103.0 143.0#
65 158.4 112.7 152.7#



#56
2,4-Dinitrotoluene
Concen: 35.32 ng
RT: 15.11 min Scan# 2090
Delta R.T. -0.03 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

Tgt Ion:165 Resp: 187039
Ion Ratio Lower Upper
165 100
63 62.3 45.8 68.6
89 98.6 68.6 102.8
182 1.9 2.0 3.0#

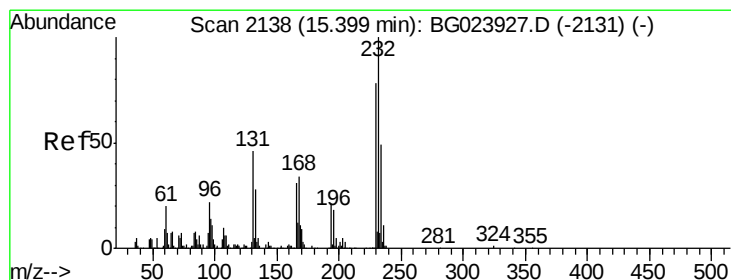
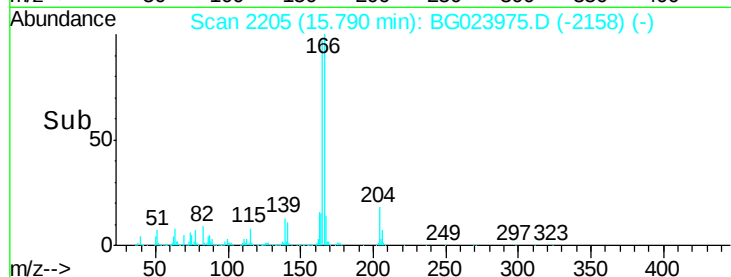
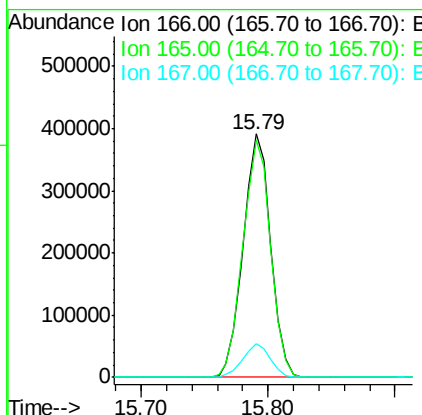
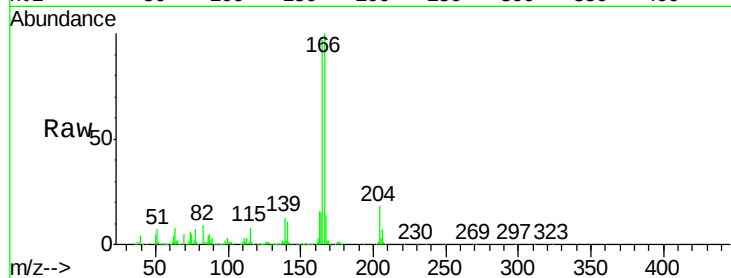




#57
 Fluorene
 Concen: 35.83 ng
 RT: 15.79 min Scan# 2205
 Delta R.T. -0.03 min
 Lab File: BG023975.D
 Acq: 9 Sep 2016 15:44

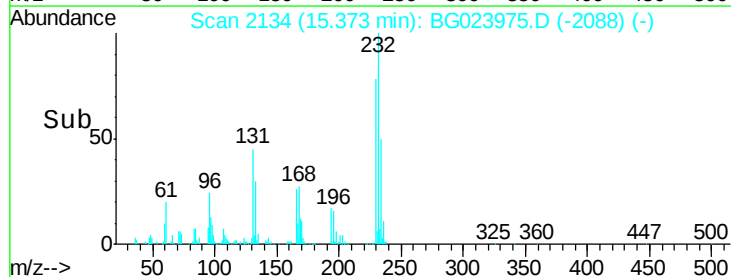
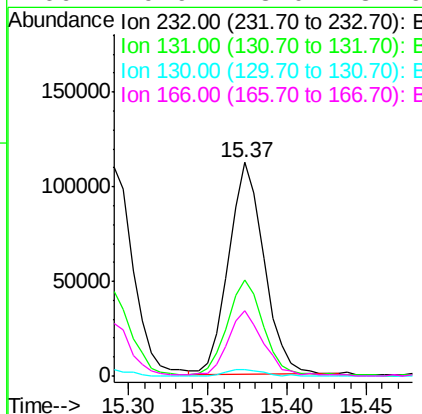
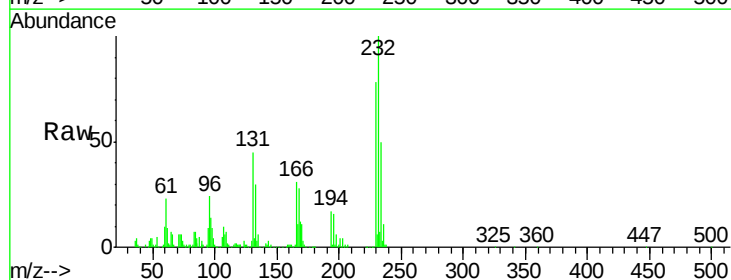
Instrument :
 BNA_G
 ClientSampleId :
 PB93314BS

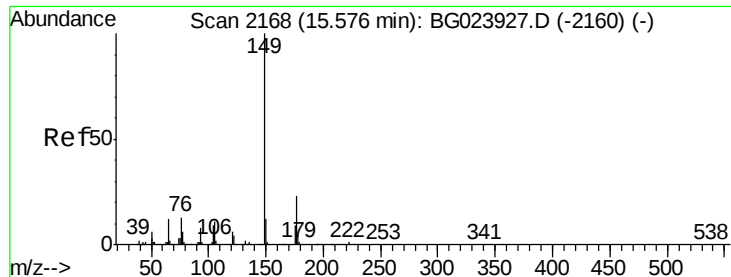
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	81.0	121.6
167	13.9	12.0	18.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.45 ng
 RT: 15.37 min Scan# 2134
 Delta R.T. -0.03 min
 Lab File: BG023975.D
 Acq: 9 Sep 2016 15:44

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.9	32.7	49.1
130	3.3	2.6	3.8
166	29.9	23.0	34.6





#59

Diethylphthalate

Concen: 34.06 ng

RT: 15.55 min Scan# 2164

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

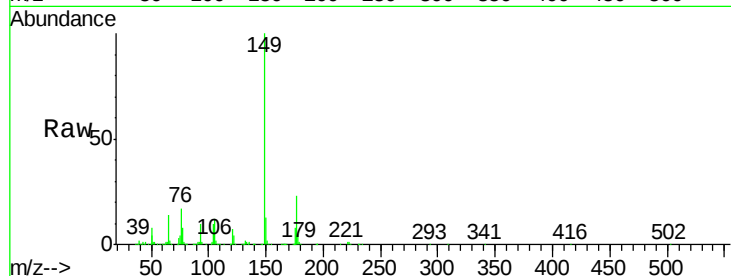
Tgt Ion:149 Resp: 620520

Ion Ratio Lower Upper

149 100

177 23.2 19.2 28.8

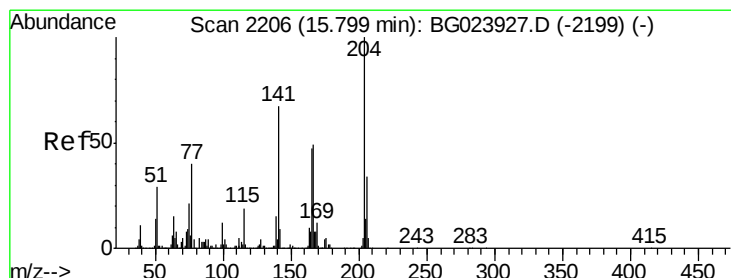
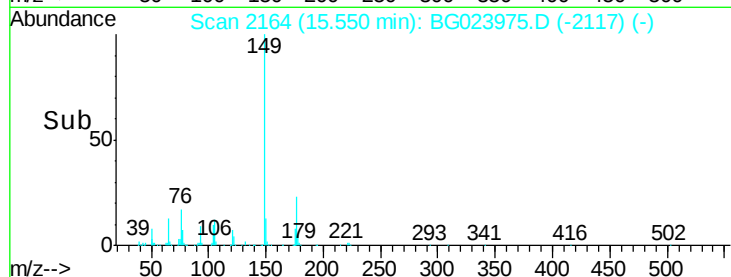
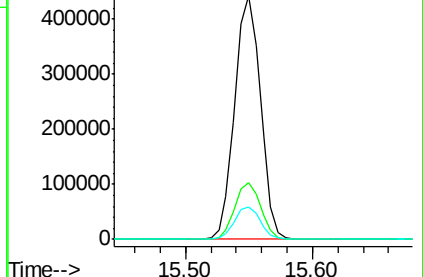
150 13.2 10.6 16.0



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: 36.62 ng

RT: 15.78 min Scan# 2203

Delta R.T. -0.02 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

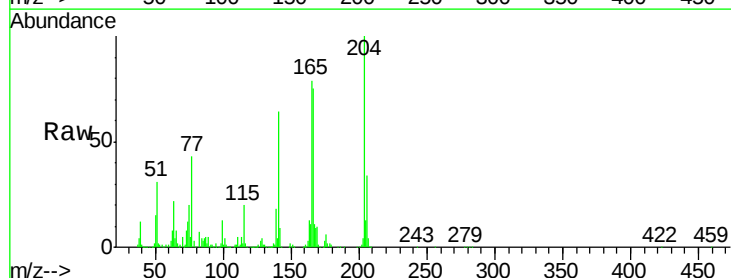
Tgt Ion:204 Resp: 323091

Ion Ratio Lower Upper

204 100

206 34.0 28.5 42.7

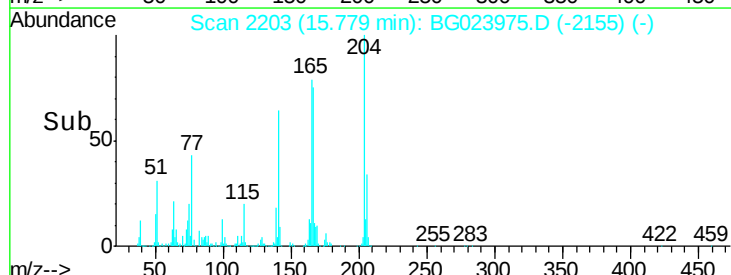
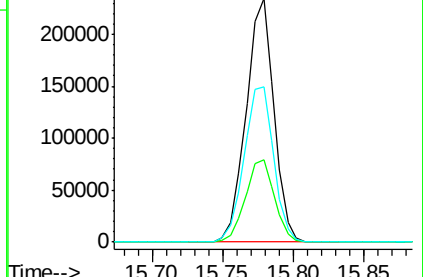
141 64.0 51.4 77.0

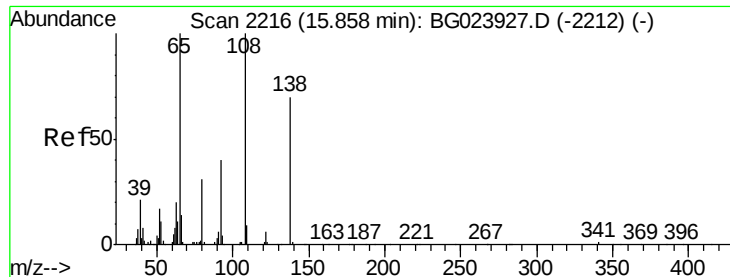


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

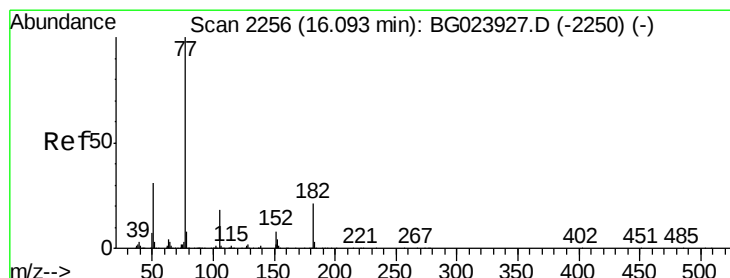
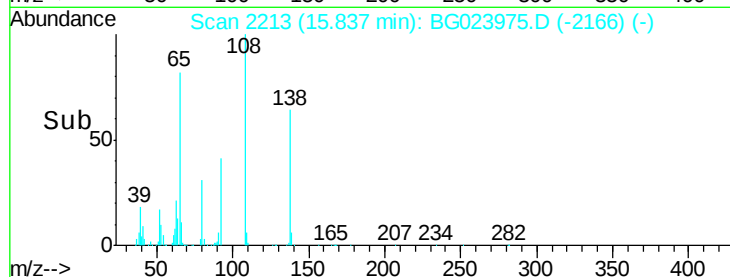
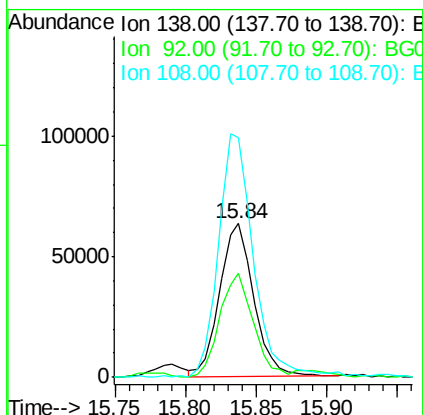
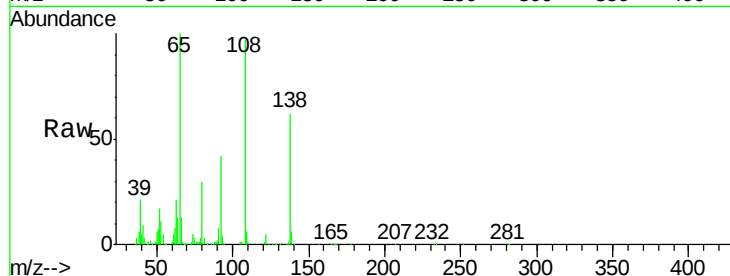




#61
4-Nitroaniline
Concen: 31.39 ng
RT: 15.84 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

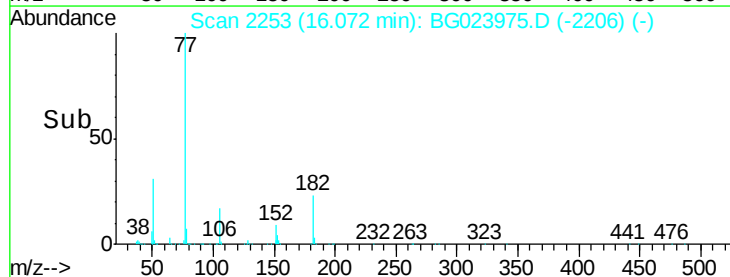
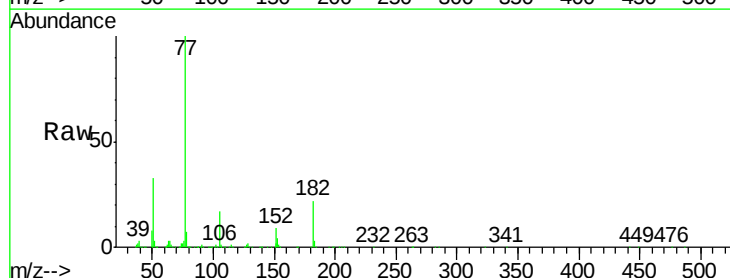
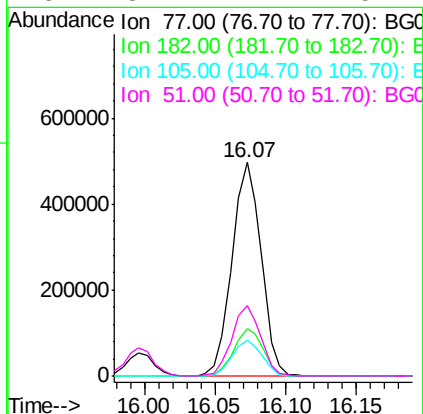
Instrument :
BNA_G
ClientSampleId :
PB93314BS

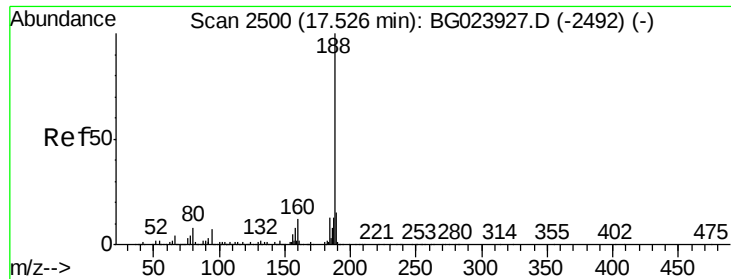
Tgt Ion: 138 Resp: 106922
Ion Ratio Lower Upper
138 100
92 67.6 54.1 94.1
108 156.6 133.9 173.9



#62
Azobenzene
Concen: 40.25 ng
RT: 16.07 min Scan# 2253
Delta R.T. -0.03 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

Tgt Ion: 77 Resp: 710148
Ion Ratio Lower Upper
77 100
182 22.2 3.5 43.5
105 16.9 0.0 38.5
51 32.7 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.50 min Scan# 2496

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

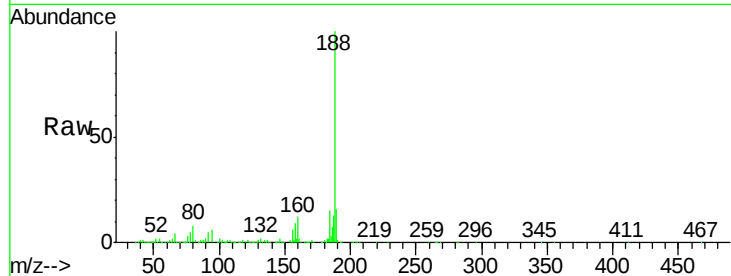
Tgt Ion:188 Resp: 459991

Ion Ratio Lower Upper

188 100

94 6.5 5.2 7.8

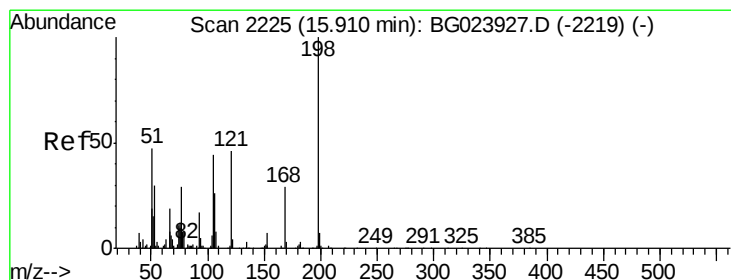
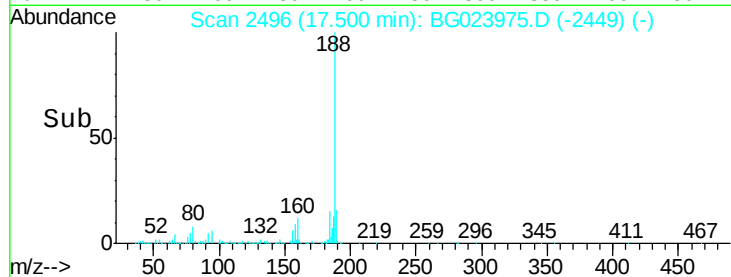
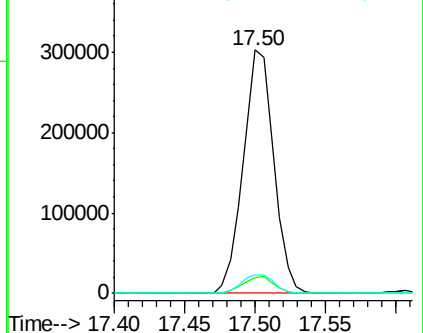
80 7.6 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 34.17 ng

RT: 15.89 min Scan# 2222

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

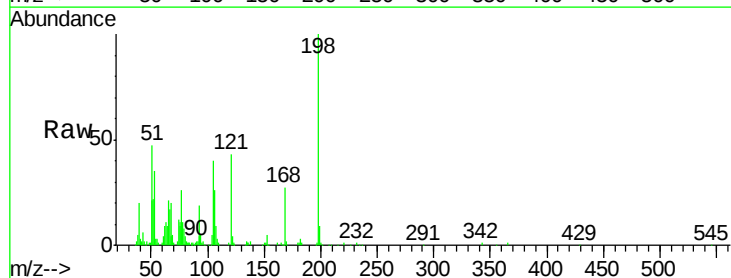
Tgt Ion:198 Resp: 109109

Ion Ratio Lower Upper

198 100

51 47.1 26.0 66.0

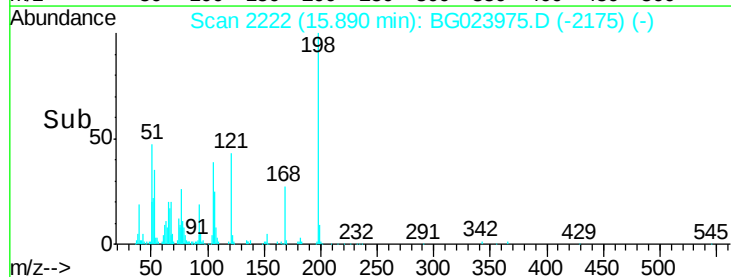
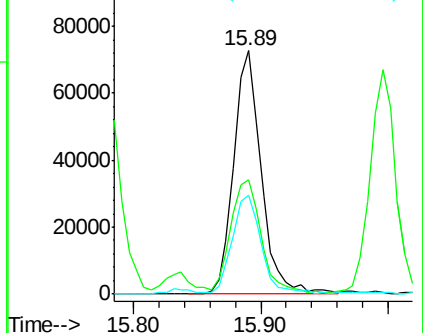
105 40.4 20.1 60.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

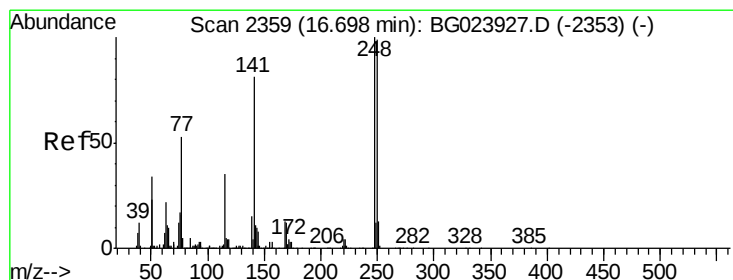
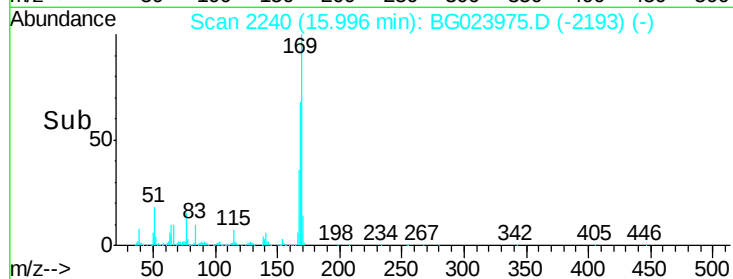
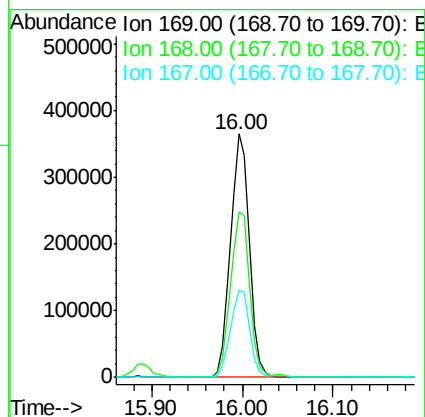
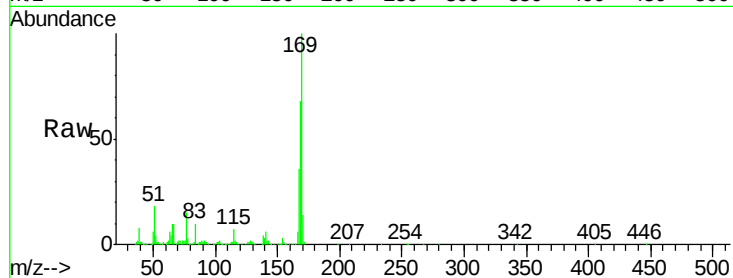




#65
n-Nitrosodiphenylamine
Concen: 40.39 ng
RT: 16.00 min Scan# 2240
Delta R.T. -0.03 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

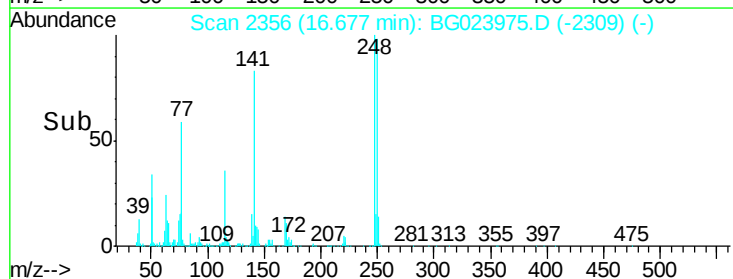
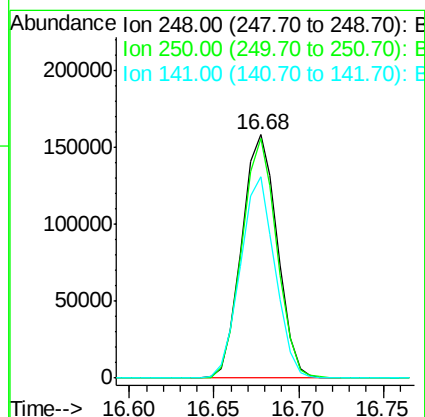
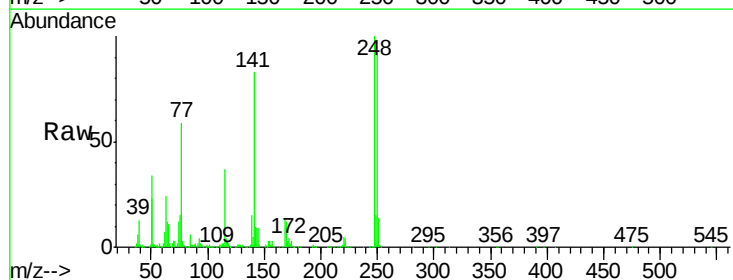
Instrument :
BNA_G
ClientSampleId :
PB93314BS

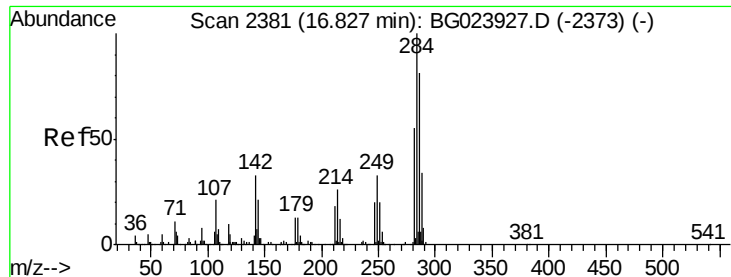
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	55.0	82.4
167	36.1	27.4	41.0



#66
4-Bromophenyl-phenylether
Concen: 41.55 ng
RT: 16.68 min Scan# 2356
Delta R.T. -0.03 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.8	116.8
141	82.9	65.7	98.5





#67

Hexachlorobenzene

Concen: 37.27 ng

RT: 16.80 min Scan# 2377

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

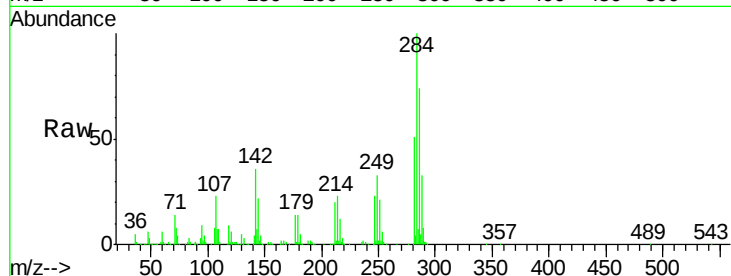
Tgt Ion:284 Resp: 244623

Ion Ratio Lower Upper

284 100

142 35.8 26.8 40.2

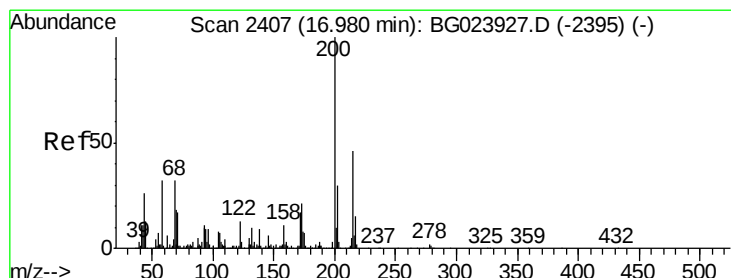
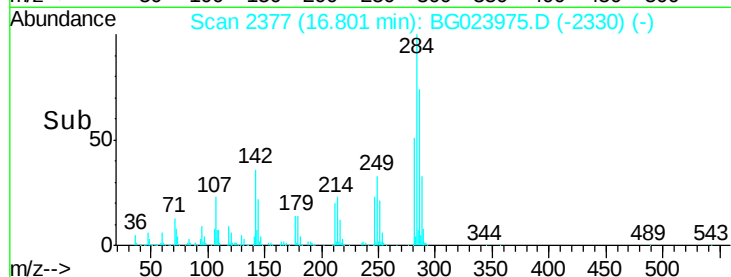
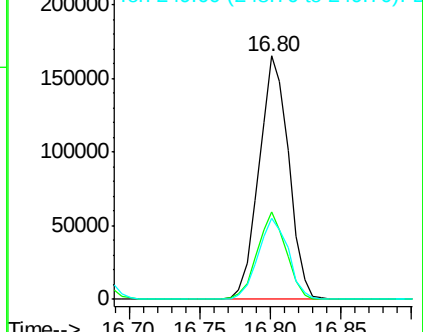
249 33.5 28.9 43.3



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: 36.10 ng

RT: 16.95 min Scan# 2402

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

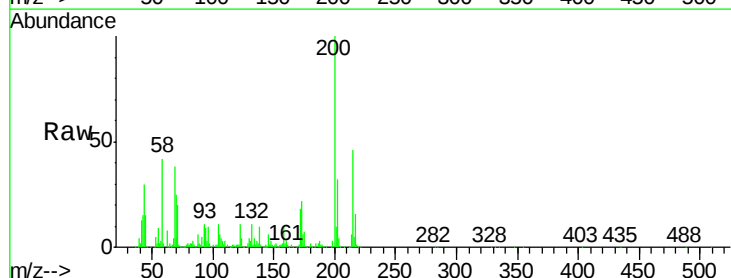
Tgt Ion:200 Resp: 202903

Ion Ratio Lower Upper

200 100

173 22.4 1.6 41.6

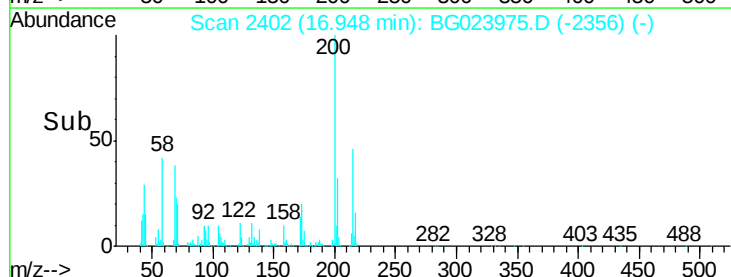
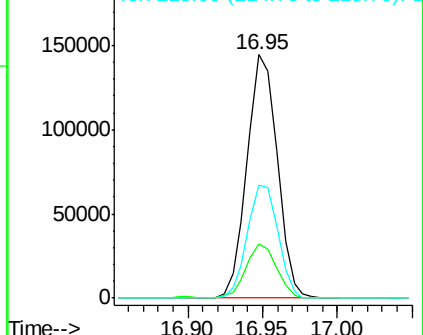
215 46.3 28.7 68.7

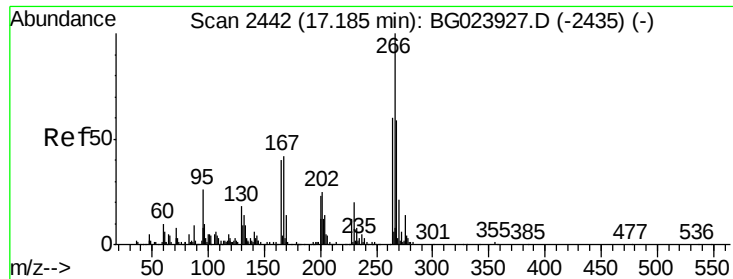


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 62.74 ng

RT: 17.16 min Scan# 2438

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

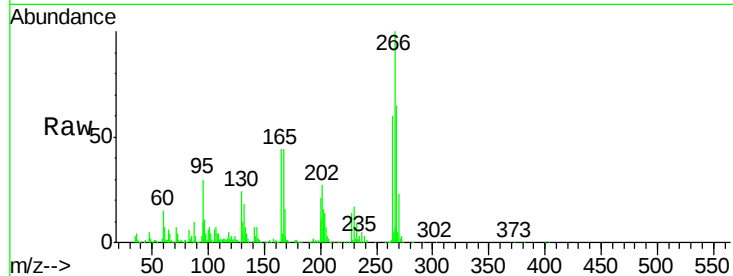
Tgt Ion:266 Resp: 218702

Ion Ratio Lower Upper

266 100

268 65.4 51.9 77.9

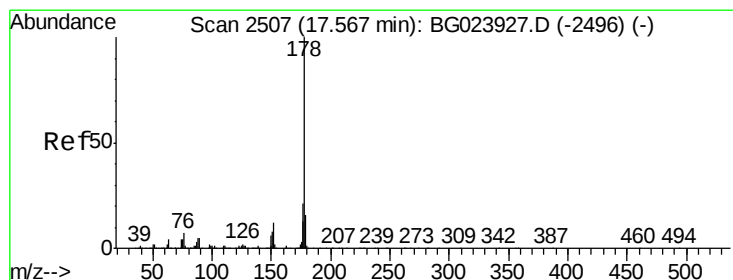
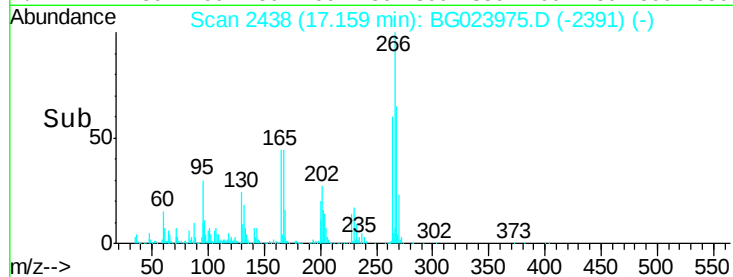
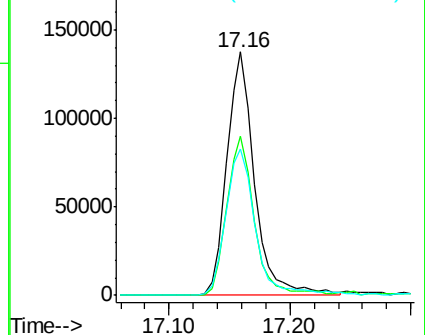
264 60.2 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.05 ng

RT: 17.55 min Scan# 2504

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

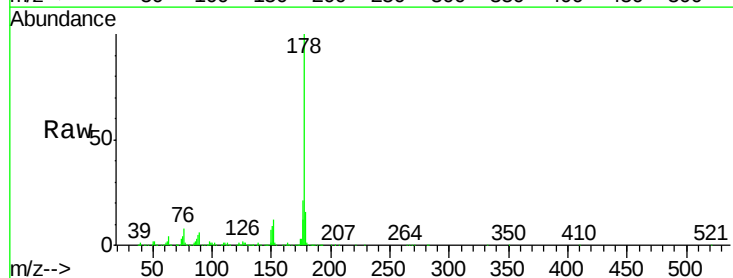
Tgt Ion:178 Resp: 934488

Ion Ratio Lower Upper

178 100

176 20.8 16.8 25.2

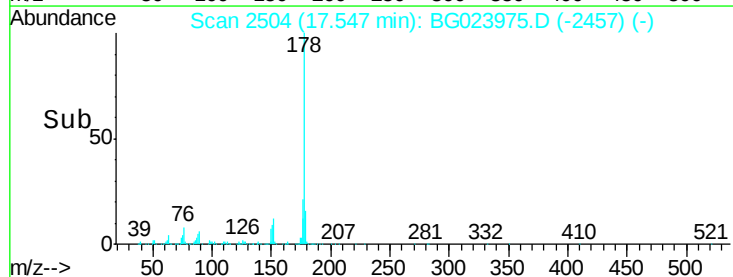
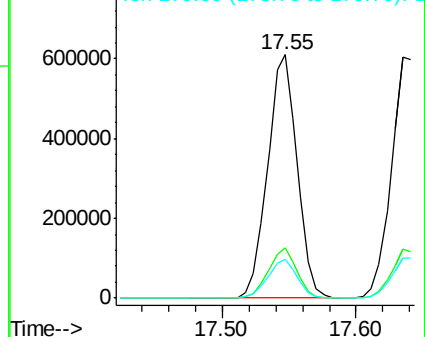
179 16.2 14.3 21.5

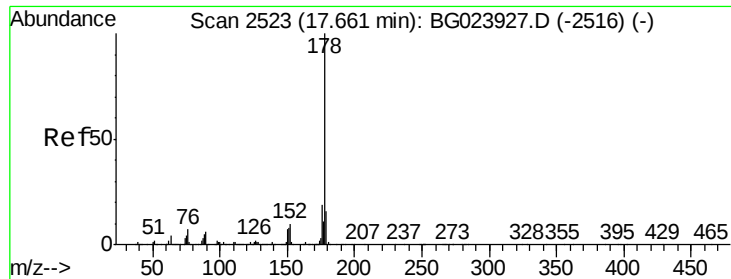


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

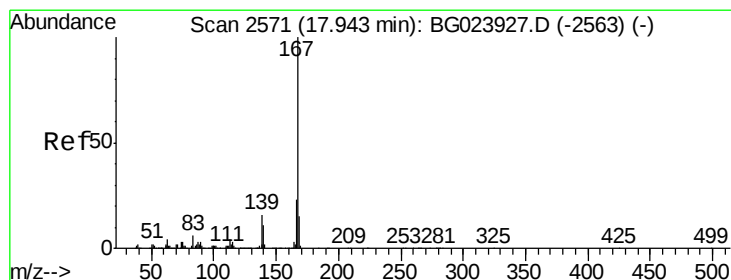
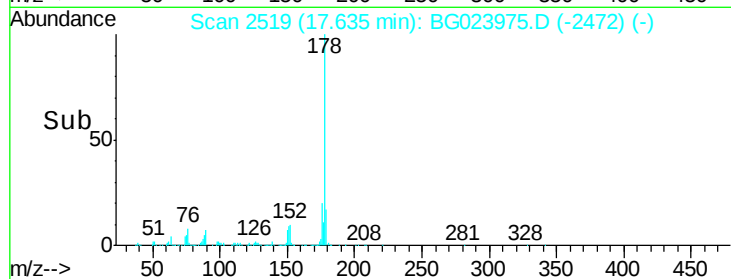
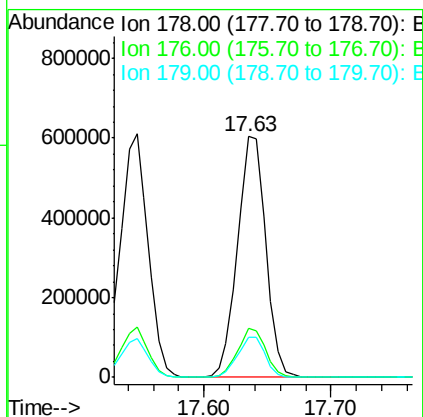
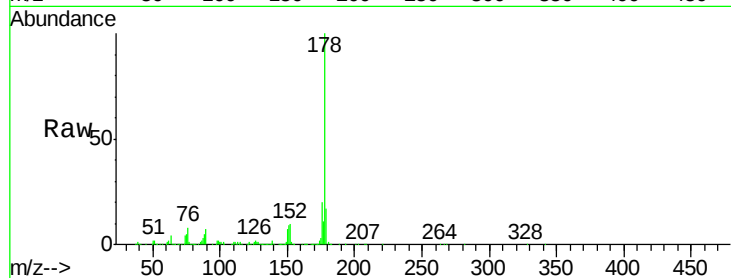




#71
 Anthracene
 Concen: 38.11 ng
 RT: 17.63 min Scan# 2519
 Delta R.T. -0.03 min
 Lab File: BG023975.D
 Acq: 9 Sep 2016 15:44

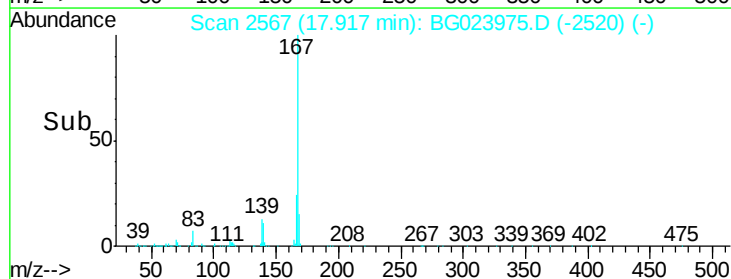
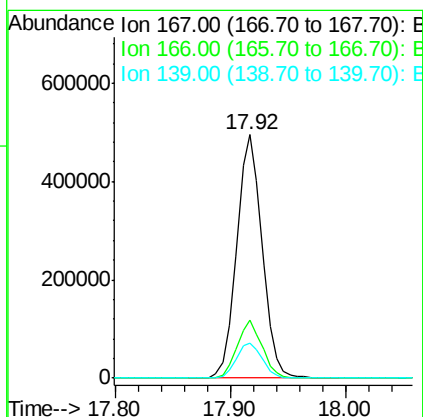
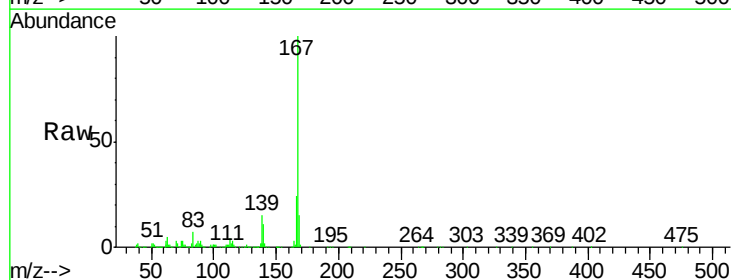
Instrument :
 BNA_G
 ClientSampleId :
 PB93314BS

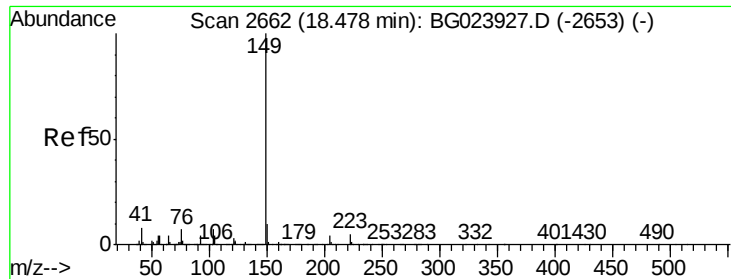
Tgt Ion:178 Resp: 930313
 Ion Ratio Lower Upper
 178 100
 176 20.3 17.3 25.9
 179 16.7 14.0 21.0



#72
 Carbazole
 Concen: 33.98 ng
 RT: 17.92 min Scan# 2567
 Delta R.T. -0.03 min
 Lab File: BG023975.D
 Acq: 9 Sep 2016 15:44

Tgt Ion:167 Resp: 752704
 Ion Ratio Lower Upper
 167 100
 166 23.7 20.7 31.1
 139 14.6 11.9 17.9





#73

Di-n-butylphthalate

Concen: 35.30 ng

RT: 18.45 min Scan# 2658

Delta R.T. -0.02 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

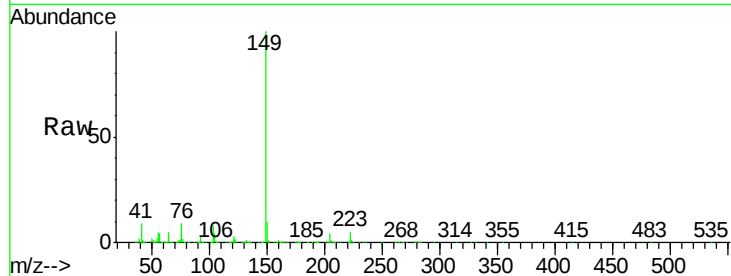
Tgt Ion:149 Resp: 932980

Ion Ratio Lower Upper

149 100

150 9.5 9.1 13.7

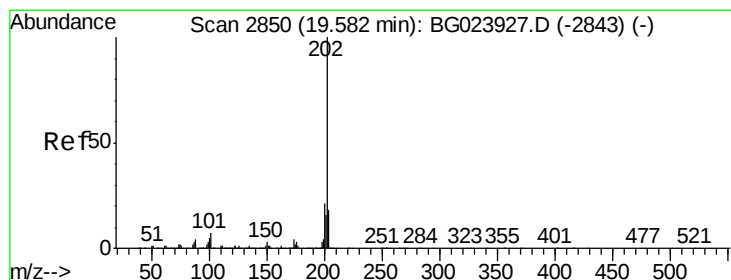
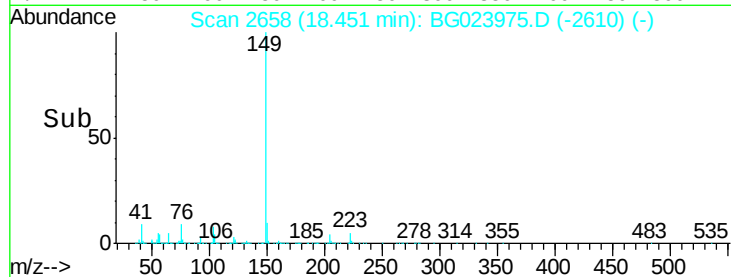
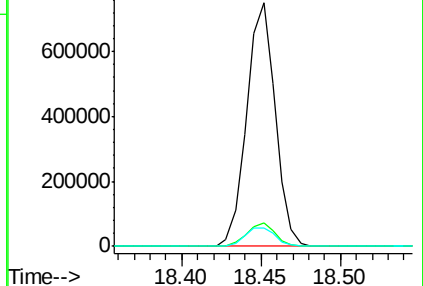
104 7.5 6.9 10.3



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: 34.02 ng

RT: 19.56 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

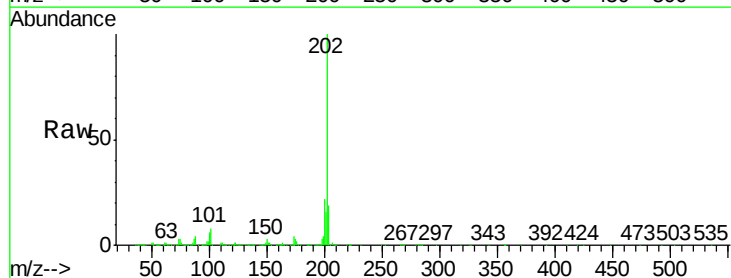
Tgt Ion:202 Resp: 980259

Ion Ratio Lower Upper

202 100

101 7.5 0.0 27.4

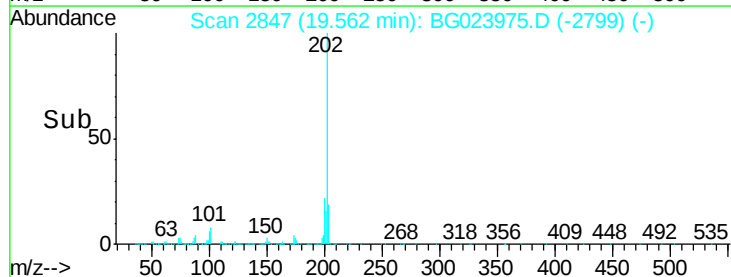
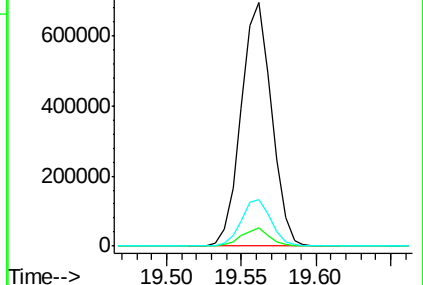
203 19.2 1.7 41.7

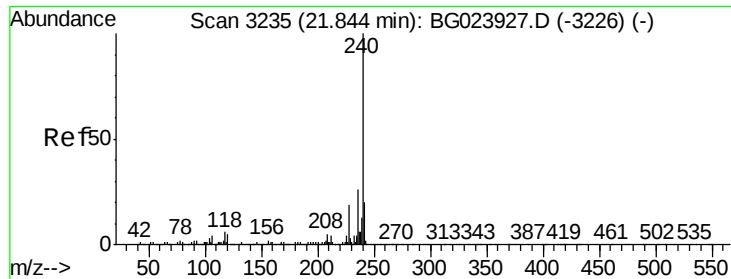


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

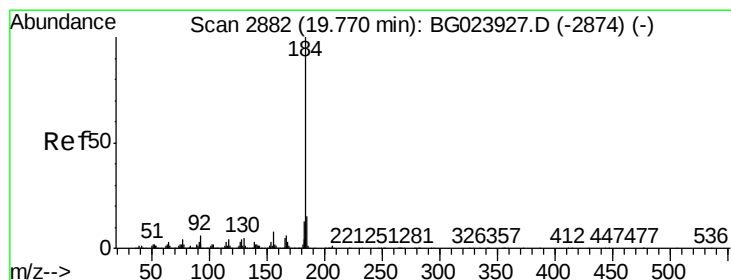
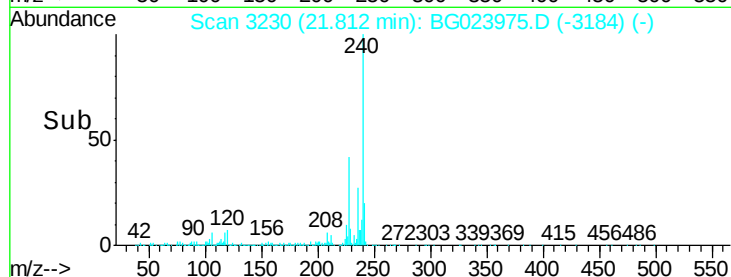
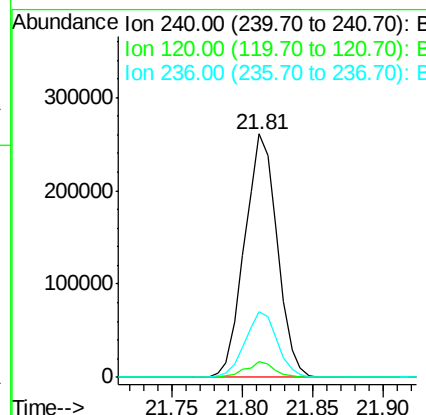
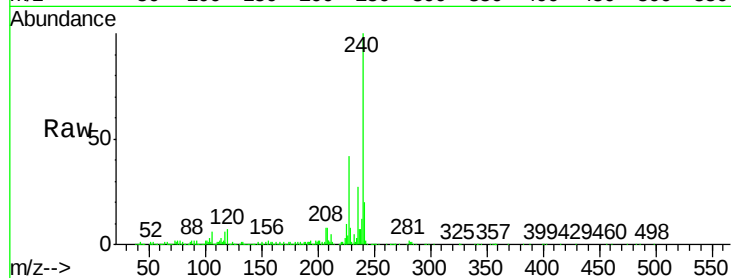




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.81 min Scan# 3230
Delta R.T. -0.03 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

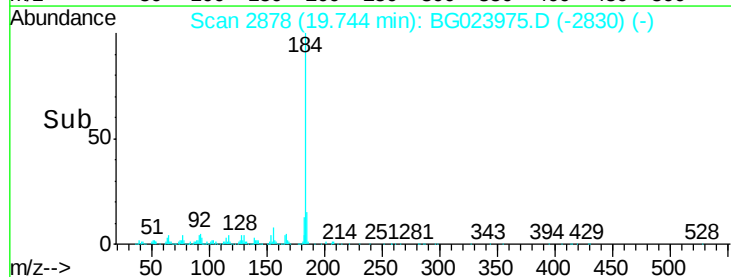
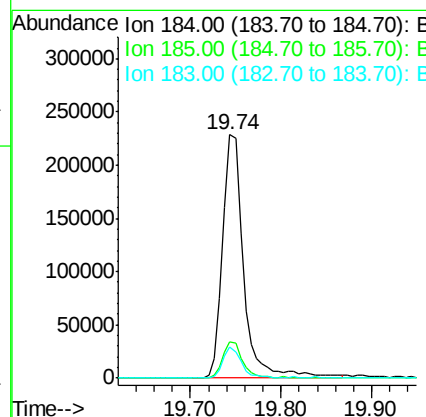
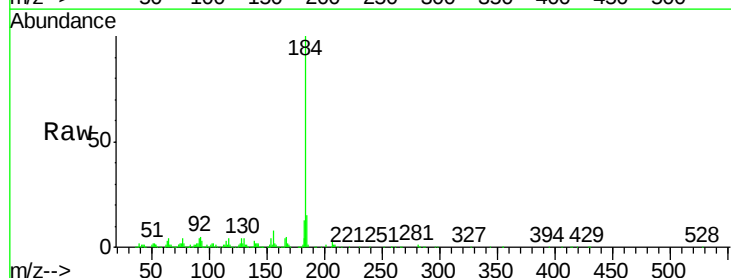
Instrument :
BNA_G
ClientSampleId :
PB93314BS

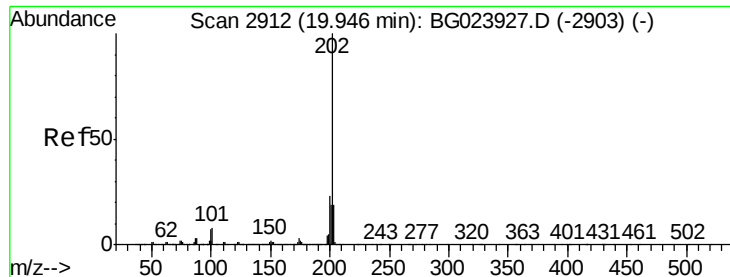
Tgt Ion:240 Resp: 422091
Ion Ratio Lower Upper
240 100
120 6.5 4.1 6.1#
236 27.1 21.1 31.7



#76
Benzidine
Concen: 28.22 ng
RT: 19.74 min Scan# 2878
Delta R.T. -0.02 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

Tgt Ion:184 Resp: 368883
Ion Ratio Lower Upper
184 100
185 14.8 12.6 19.0
183 13.0 10.7 16.1





#77

Pyrene

Concen: 37.38 ng

RT: 19.93 min Scan# 2909

Delta R.T. -0.02 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

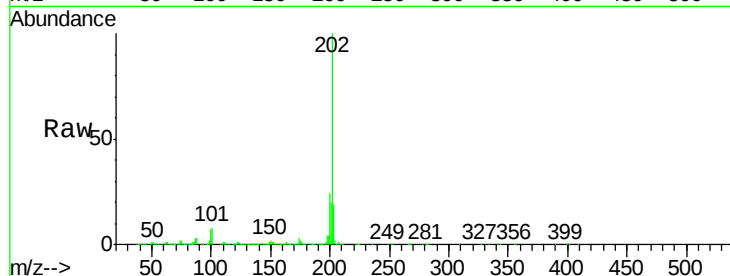
Tgt Ion:202 Resp: 970301

Ion Ratio Lower Upper

202 100

200 23.7 21.2 31.8

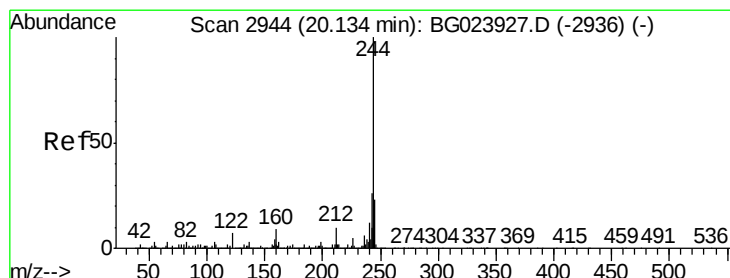
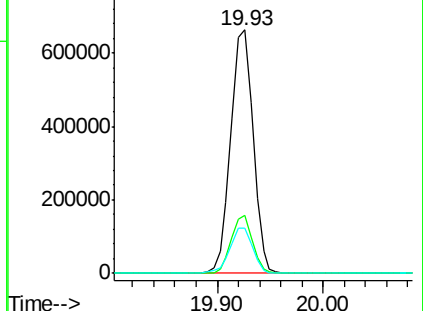
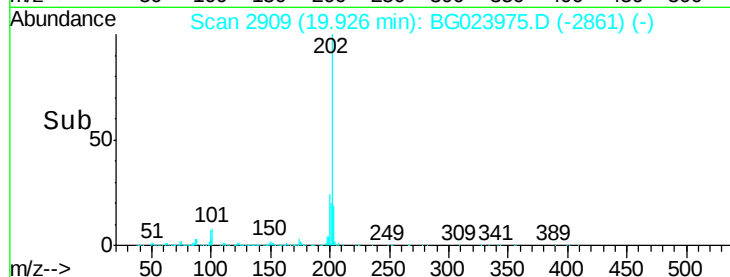
203 18.7 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 71.65 ng

RT: 20.11 min Scan# 2941

Delta R.T. -0.02 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

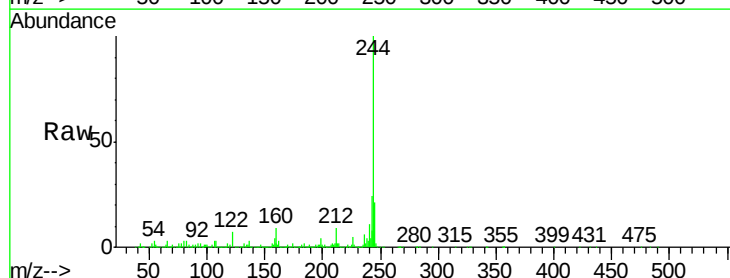
Tgt Ion:244 Resp: 1328015

Ion Ratio Lower Upper

244 100

212 9.5 10.8 16.2#

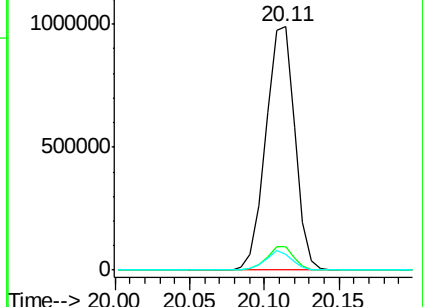
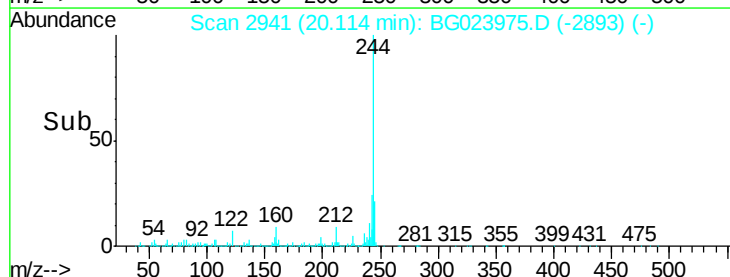
122 6.5 8.0 12.0#

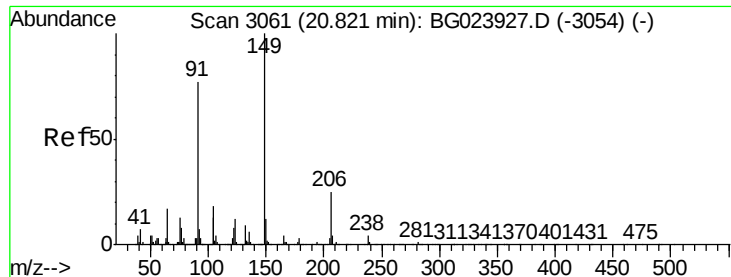


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.03 ng

RT: 20.80 min Scan# 3057

Delta R.T. -0.02 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

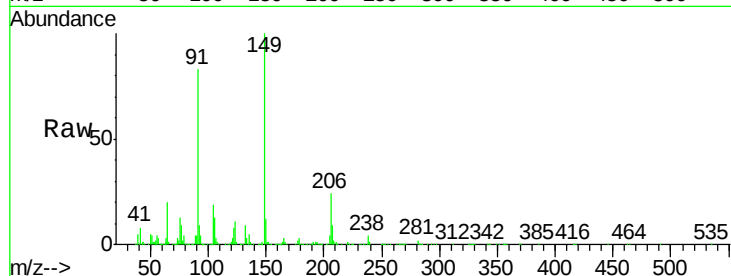
Tgt Ion:149 Resp: 370610

Ion Ratio Lower Upper

149 100

91 82.6 68.1 102.1

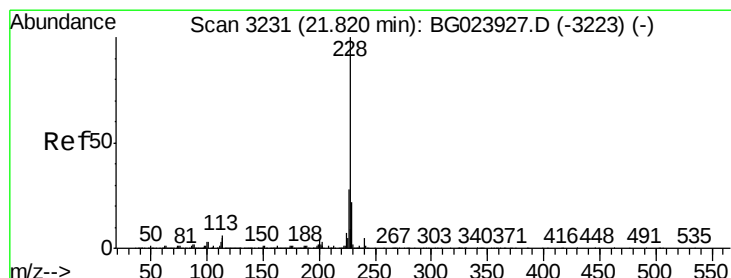
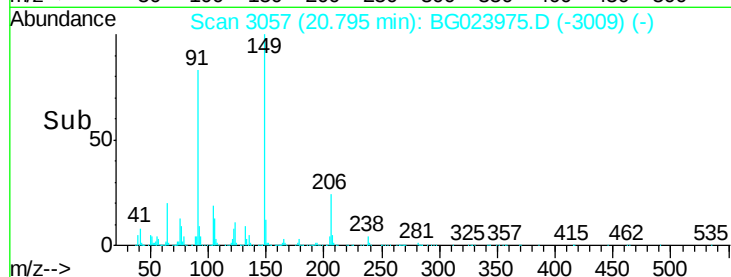
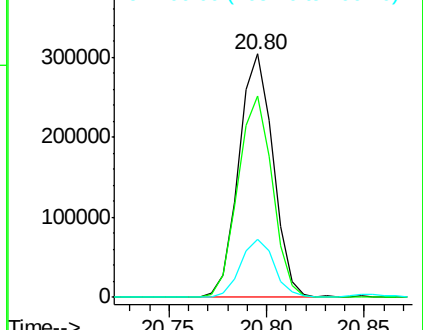
206 23.9 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.91 ng

RT: 21.79 min Scan# 3227

Delta R.T. -0.03 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

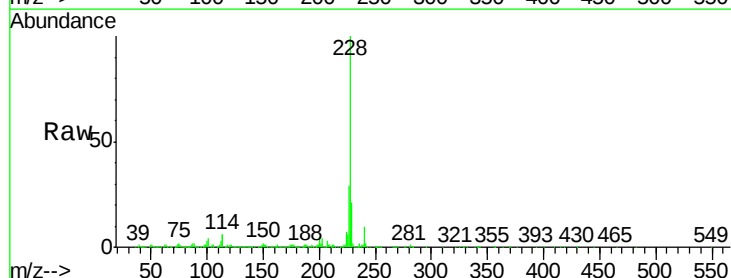
Tgt Ion:228 Resp: 942957

Ion Ratio Lower Upper

228 100

226 28.9 25.3 37.9

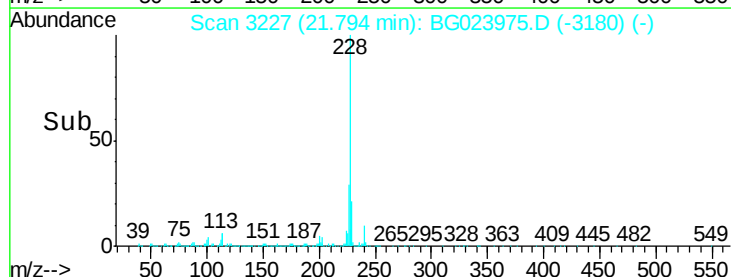
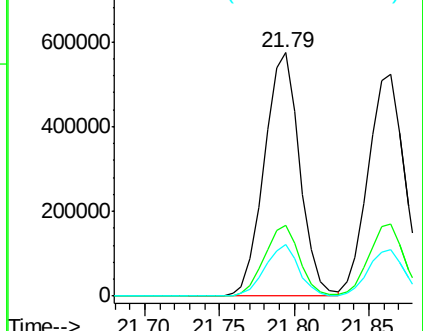
229 21.0 19.9 29.9

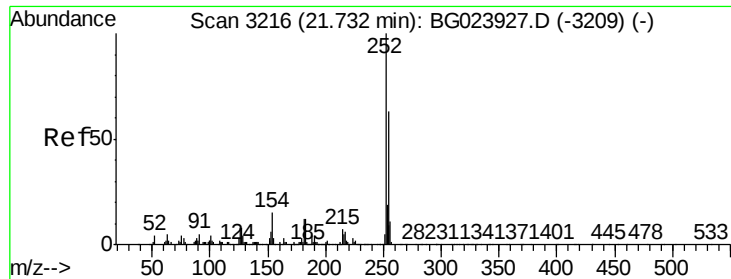


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

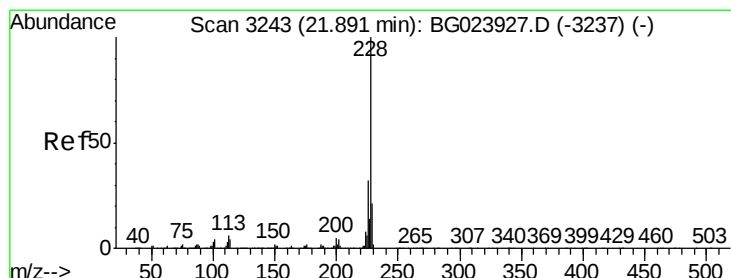
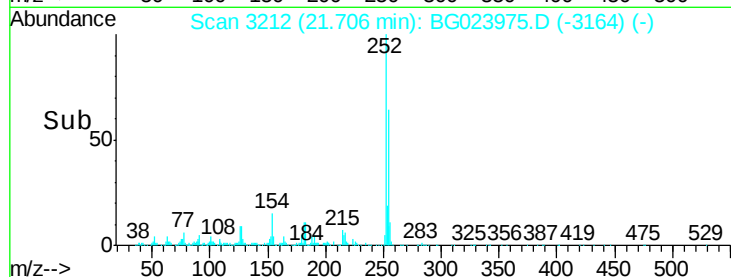
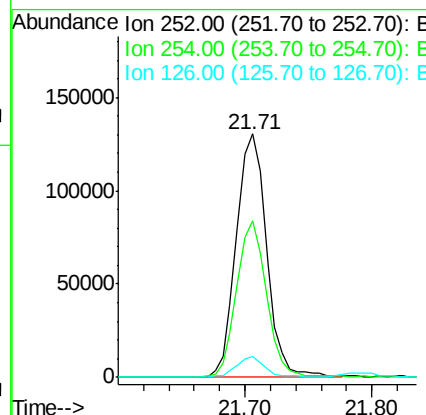
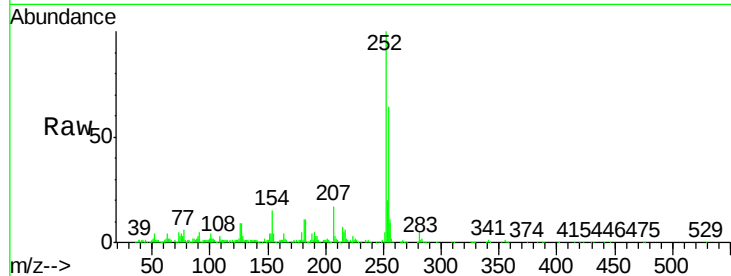




#81
 3,3'-Dichlorobenzidine
 Concen: 22.89 ng
 RT: 21.71 min Scan# 3212
 Delta R.T. -0.02 min
 Lab File: BG023975.D
 Acq: 9 Sep 2016 15:44

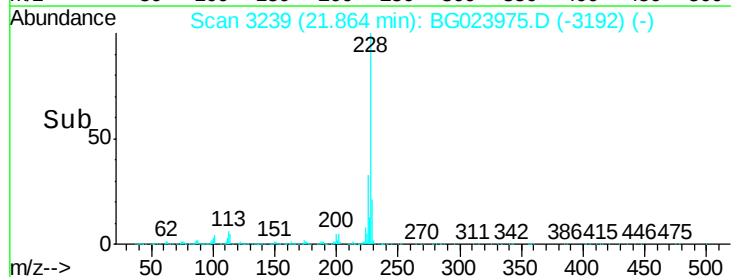
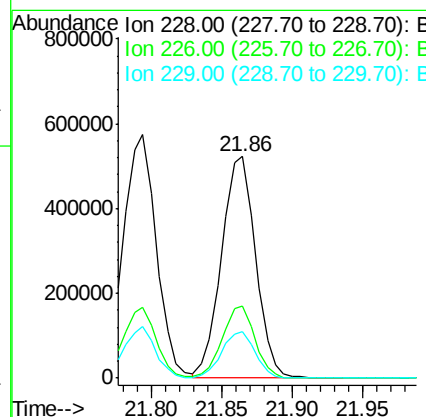
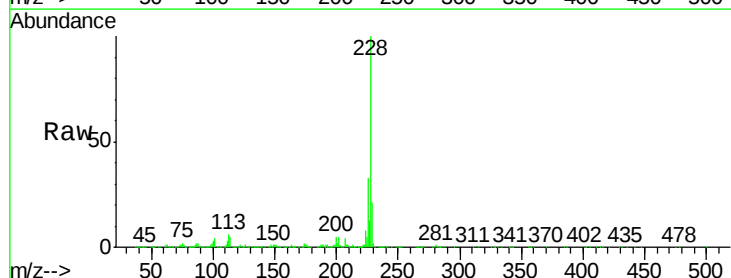
Instrument :
 BNA_G
 ClientSampleId :
 PB93314BS

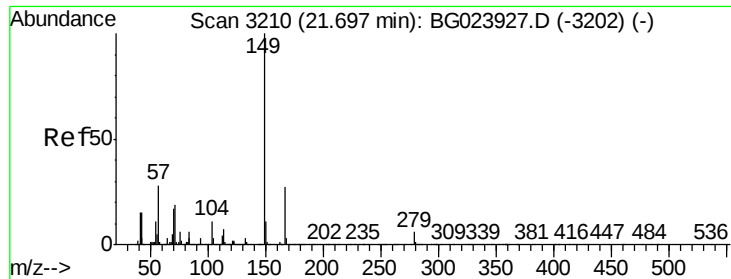
Tgt Ion: 252 Resp: 216171
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.2 76.8
 126 8.8 5.3 7.9#



#82
 Chrysene
 Concen: 38.93 ng
 RT: 21.86 min Scan# 3239
 Delta R.T. -0.03 min
 Lab File: BG023975.D
 Acq: 9 Sep 2016 15:44

Tgt Ion: 228 Resp: 875578
 Ion Ratio Lower Upper
 228 100
 226 32.8 26.7 40.1
 229 21.3 17.4 26.2

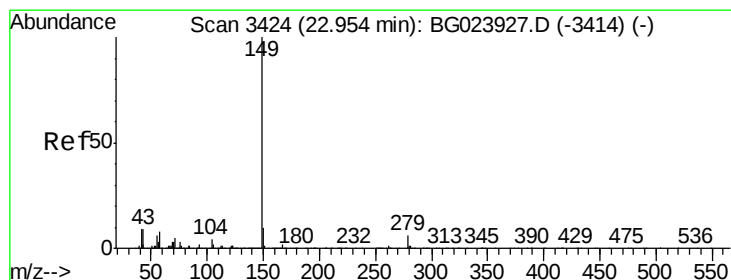
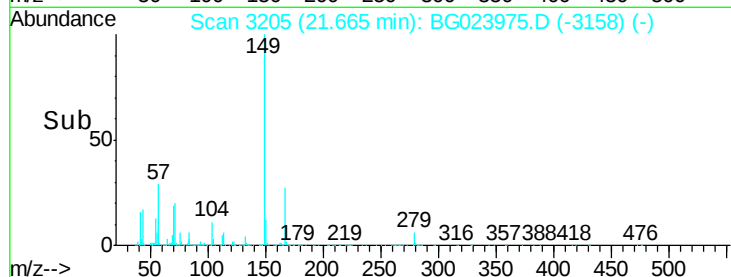
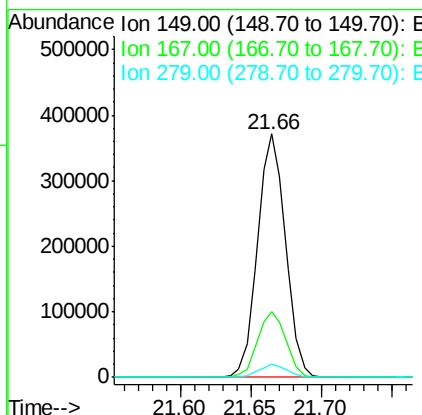
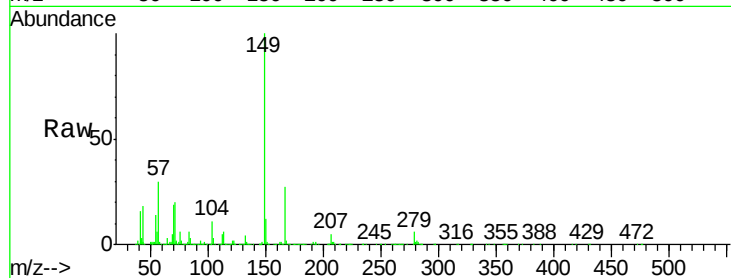




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.71 ng
 RT: 21.66 min Scan# 3205
 Delta R.T. -0.03 min
 Lab File: BG023975.D
 Acq: 9 Sep 2016 15:44

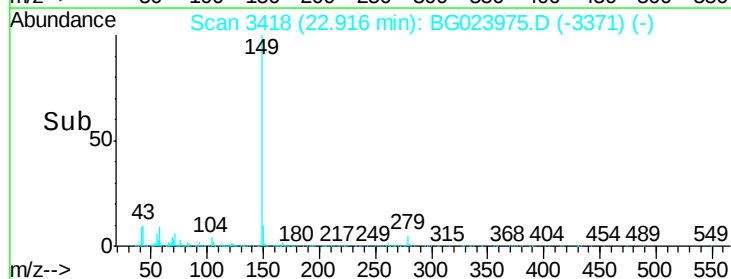
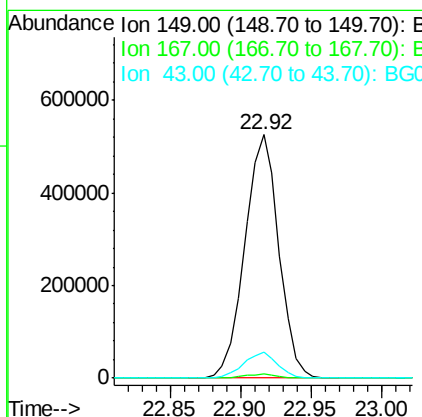
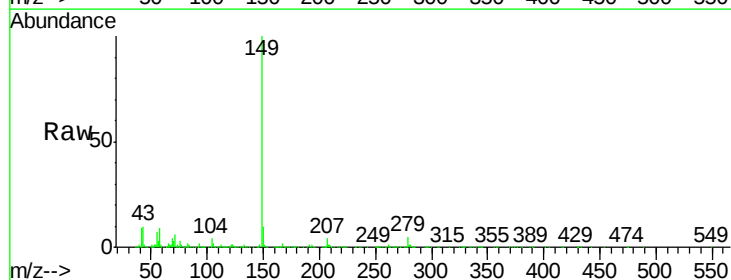
Instrument :
 BNA_G
 ClientSampleId :
 PB93314BS

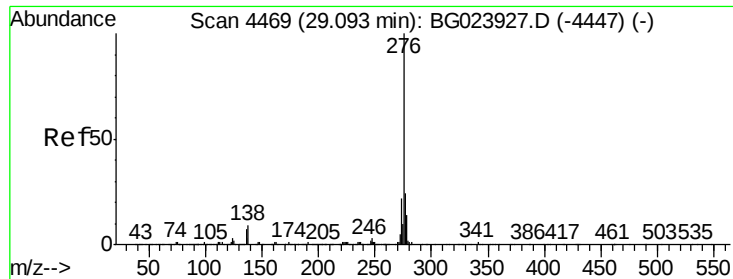
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	24.0	36.0
279	5.7	4.8	7.2



#84
 Di-n-octyl phthalate
 Concen: 39.21 ng
 RT: 22.92 min Scan# 3418
 Delta R.T. -0.03 min
 Lab File: BG023975.D
 Acq: 9 Sep 2016 15:44

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





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.59 ng

RT: 29.00 min Scan# 4454

Delta R.T. -0.09 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

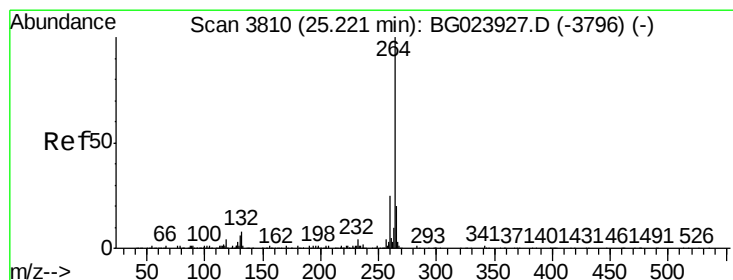
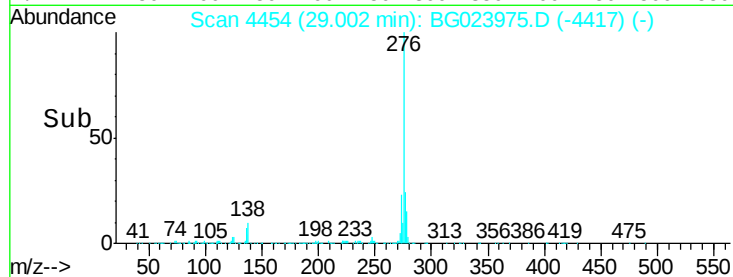
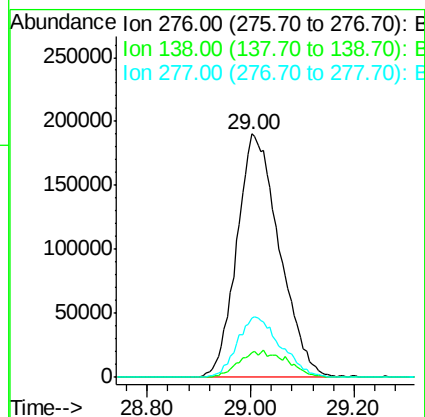
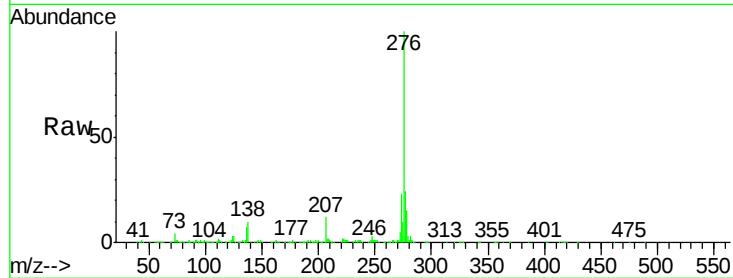
Tgt Ion:276 Resp: 1085565

Ion Ratio Lower Upper

276 100

138 5.1 0.0 0.0#

277 25.4 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.17 min Scan# 3801

Delta R.T. -0.04 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

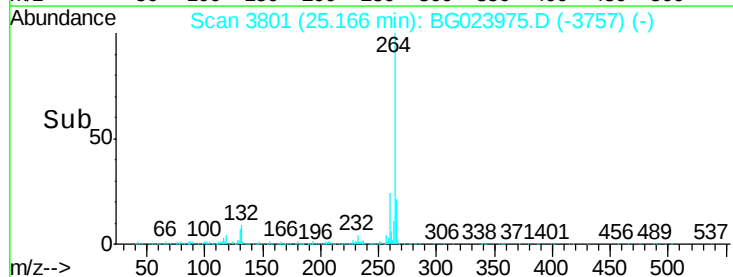
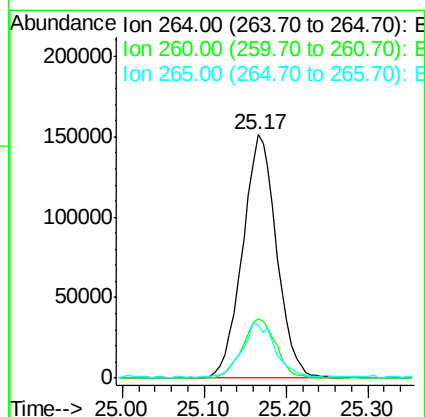
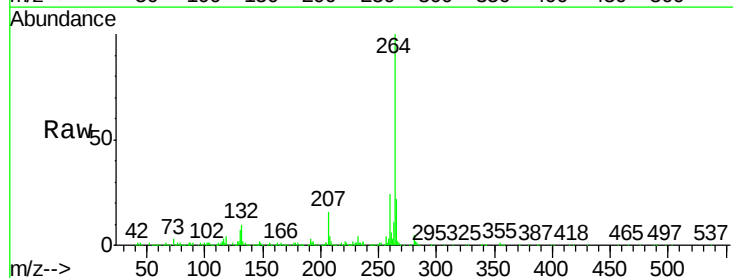
Tgt Ion:264 Resp: 437453

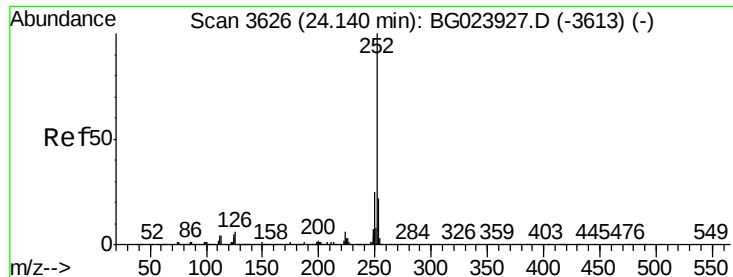
Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 21.9 18.9 28.3

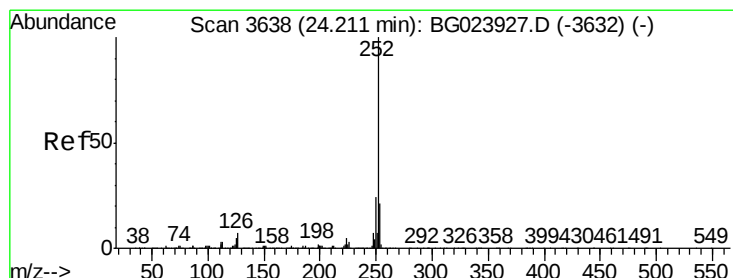
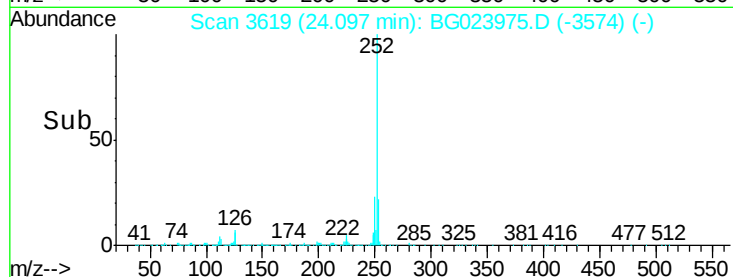
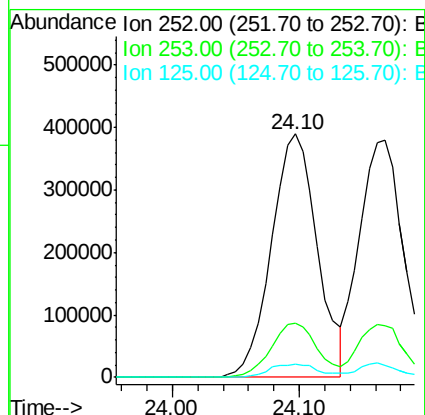
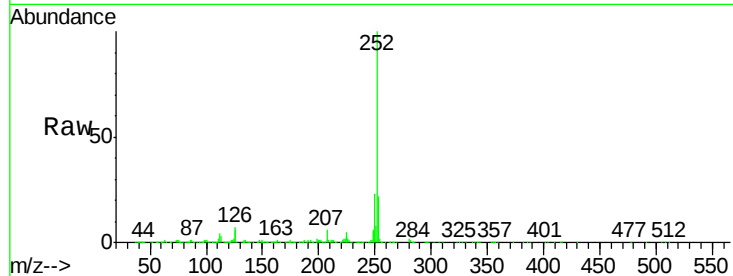




#87
Benzo(b)fluoranthene
Concen: 39.53 ng
RT: 24.10 min Scan# 3619
Delta R.T. -0.04 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

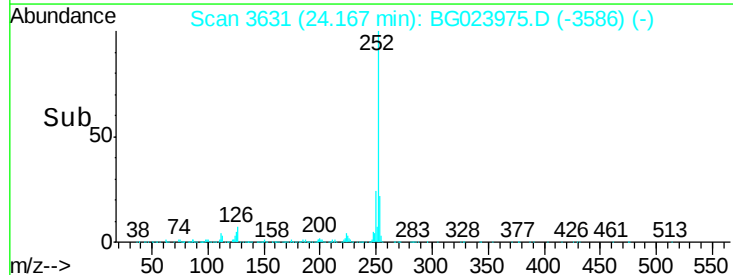
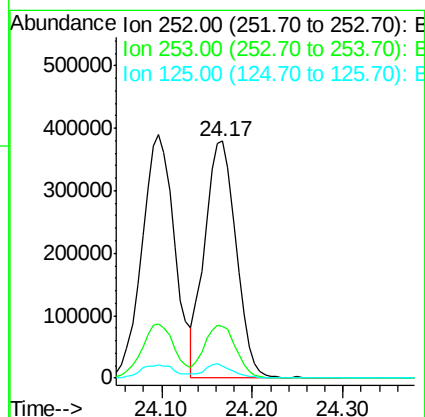
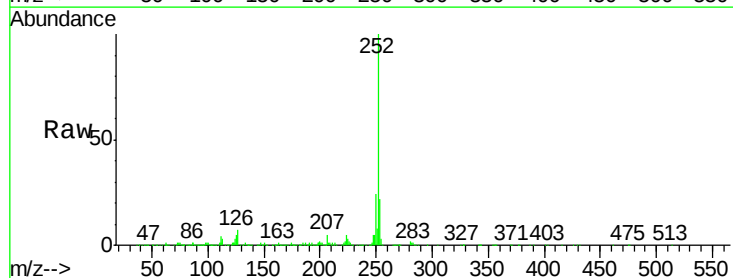
Instrument :
BNA_G
ClientSampleId :
PB93314BS

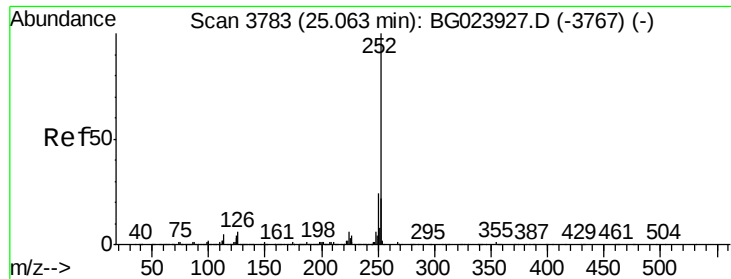
Tgt Ion:252 Resp: 982400
Ion Ratio Lower Upper
252 100
253 22.3 18.9 28.3
125 5.5 3.9 5.9



#88
Benzo(k)fluoranthene
Concen: 36.97 ng
RT: 24.17 min Scan# 3631
Delta R.T. -0.04 min
Lab File: BG023975.D
Acq: 9 Sep 2016 15:44

Tgt Ion:252 Resp: 910946
Ion Ratio Lower Upper
252 100
253 21.7 18.8 28.2
125 4.9 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 39.37 ng

RT: 25.01 min Scan# 3774

Delta R.T. -0.04 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

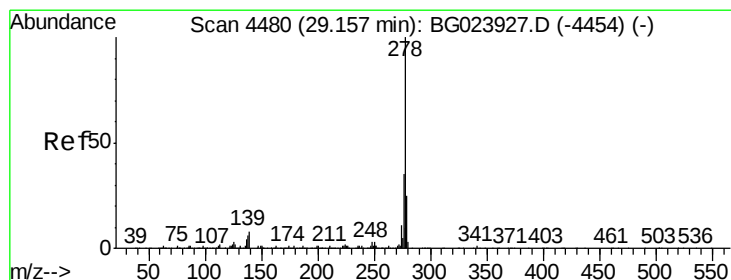
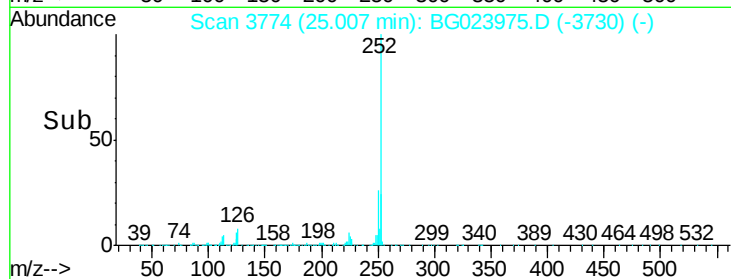
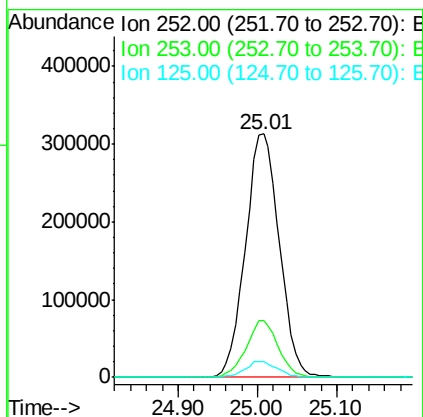
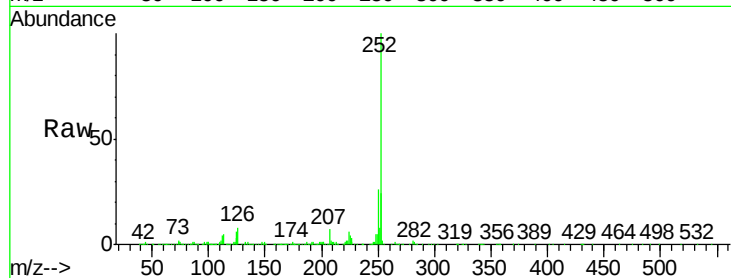
Instrument :

BNA_G

ClientSampleId :

PB93314BS

Tgt Ion:	252	Resp:	928932
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.7	28.1
125	6.2	3.9	5.9#



#90

Dibenzo(a,h)anthracene

Concen: 38.50 ng

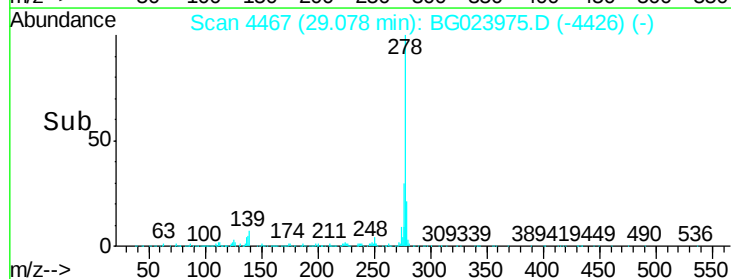
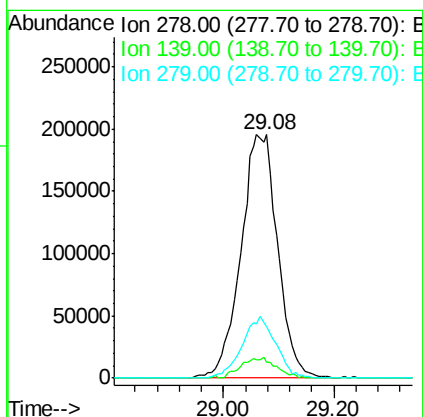
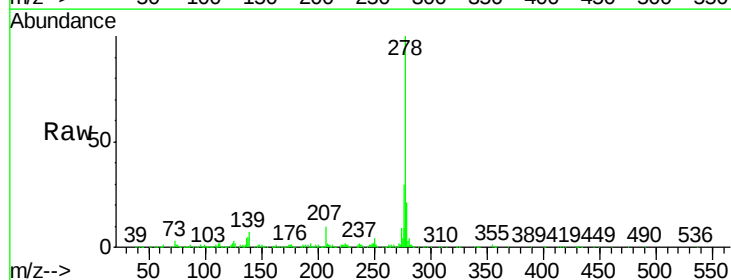
RT: 29.08 min Scan# 4467

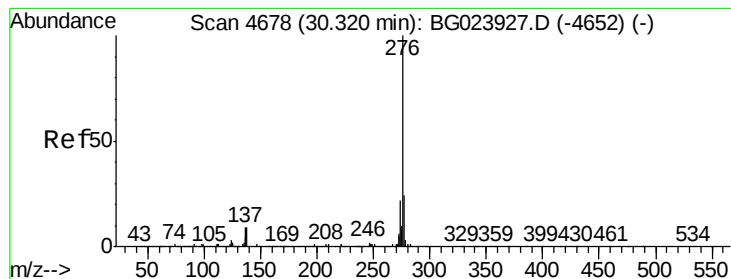
Delta R.T. -0.06 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Tgt Ion:	278	Resp:	893429
Ion	Ratio	Lower	Upper
278	100		
139	6.6	4.7	7.1
279	21.5	18.3	27.5





#91

Benzo(g,h,i)perylene

Concen: 40.47 ng

RT: 30.22 min Scan# 4662

Delta R.T. -0.07 min

Lab File: BG023975.D

Acq: 9 Sep 2016 15:44

Instrument :

BNA_G

ClientSampleId :

PB93314BS

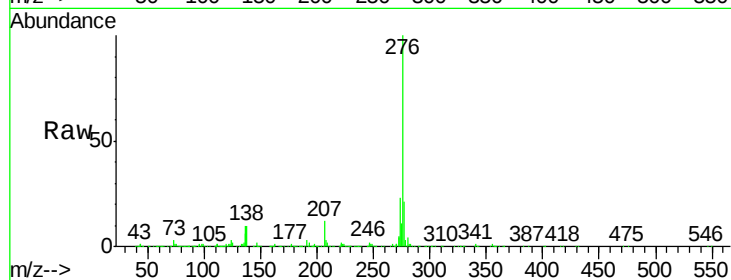
Tgt Ion:276 Resp: 903261

Ion Ratio Lower Upper

276 100

277 21.1 18.6 27.8

138 9.8 6.8 10.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

