

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022319.D
 Acq On : 11 Jun 2016 12:37
 Operator : UM/SJ
 Sample : PB91204BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91204BS

Quant Time: Jun 12 02:58:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	29296	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	144929	20.00	ng	-0.01
38) Acenaphthene-d10	14.74	164	84393	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	181089	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	156255	20.00	ng	-0.01
86) Perylene-d12	25.05	264	144490	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	226431	149.44	ng	-0.01
7) Phenol-d6	7.27	99	336120	141.09	ng	0.00
23) Nitrobenzene-d5	9.28	82	181282	87.20	ng	-0.01
41) 2,4,6-Tribromophenol	16.22	330	111205	116.62	ng	-0.01
44) 2-Fluorobiphenyl	13.36	172	456685	82.47	ng	-0.01
78) Terphenyl-d14	20.08	244	591226	89.83	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	20071	27.63	ng	# 77
3) Pyridine	3.90	79	62860	32.02	ng	96
4) n-Nitrosodimethylamine	3.82	42	19512	44.45	ng	95
6) Aniline	7.43	93	94752	31.31	ng	# 81
8) 2-Chlorophenol	7.67	128	92588	44.21	ng	81
10) Phenol	7.29	94	115449	47.00	ng	84
11) bis(2-Chloroethyl)ether	7.52	93	78611	40.14	ng	# 75
12) 1,3-Dichlorobenzene	8.14	146	88483	39.41	ng	92
13) 1,4-Dichlorobenzene	8.14	146	88483	39.56	ng	96
14) 1,2-Dichlorobenzene	8.46	146	86272	38.26	ng	94
15) Benzyl Alcohol	8.35	79	66140	42.97	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.63	45	87405	43.02	ng	86
17) 2-Methylphenol	8.56	107	79108	43.16	ng	# 87
18) Hexachloroethane	9.19	117	32010	39.19	ng	# 78
19) n-Nitroso-di-n-propylamine	8.91	70	63622	39.45	ng	# 73
20) 3+4-Methylphenols	8.88	107	109431	41.62	ng	93
22) Acetophenone	8.93	105	125481	40.18	ng	# 82
24) Nitrobenzene	9.32	77	91911	43.97	ng	# 85
25) Isophorone	9.84	82	182606	37.55	ng	96
26) 2-Nitrophenol	10.04	139	49056	43.28	ng	# 76
27) 2,4-Dimethylphenol	10.09	122	91037	44.37	ng	88
28) bis(2-Chloroethoxy)methane	10.32	93	113312	40.67	ng	92
29) 2,4-Dichlorophenol	10.58	162	84584	44.50	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	83407	39.27	ng	91
31) Naphthalene	10.97	128	293913	40.63	ng	# 97
32) Benzoic acid	10.24	122	37884	51.73	ng	# 86
33) 4-Chloroaniline	11.09	127	49571	16.48	ng	# 90
34) Hexachlorobutadiene	11.24	225	44594	39.11	ng	95
35) Caprolactam	11.86	113	21891	21.00	ng	# 47
36) 4-Chloro-3-methylphenol	12.21	107	97641	43.34	ng	89
37) 2-Methylnaphthalene	12.58	142	208551	39.05	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	89305	41.11	ng	98
40) Hexachlorocyclopentadiene	12.91	237	72742	66.60	ng	96
42) 2,4,6-Trichlorophenol	13.18	196	66141	45.38	ng	95

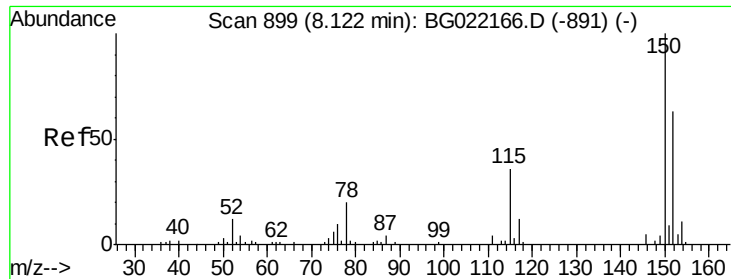
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
 Data File : BG022319.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.26	196	68914	42.80	ng	96
45) 1,1'-Biphenyl	13.57	154	269902	42.50	ng	95
46) 2-Chloronaphthalene	13.62	162	212125	43.57	ng	95
47) 2-Nitroaniline	13.83	65	53161	45.79	ng	# 60
48) Acenaphthylene	14.46	152	359023	42.03	ng	97
49) Dimethylphthalate	14.19	163	271945	38.86	ng	99
50) 2,6-Dinitrotoluene	14.32	165	62224	40.91	ng	# 84
51) Acenaphthene	14.80	154	211598	41.34	ng	95
52) 3-Nitroaniline	14.65	138	44124	26.15	ng	# 78
53) 2,4-Dinitrophenol	14.86	184	51813	82.95	ng	# 77
54) Dibenzofuran	15.14	168	327545	41.01	ng	99
55) 4-Nitrophenol	14.97	139	99979	85.86	ng	# 74
56) 2,4-Dinitrotoluene	15.11	165	86172	42.23	ng	# 84
57) Fluorene	15.78	166	282527	41.06	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.37	232	56442	39.08	ng	# 93
59) Diethylphthalate	15.54	149	291677	39.02	ng	99
60) 4-Chlorophenyl-phenylether	15.77	204	125422	40.25	ng	96
61) 4-Nitroaniline	15.81	138	66669	37.26	ng	83
62) Azobenzene	16.06	77	252778	44.66	ng	89
64) 4,6-Dinitro-2-methylphenol	15.87	198	39186	43.29	ng	82
65) n-Nitrosodiphenylamine	15.98	169	236224	45.28	ng	99
66) 4-Bromophenyl-phenylether	16.67	248	73425	43.27	ng	96
67) Hexachlorobenzene	16.79	284	80071	40.49	ng	98
68) Atrazine	16.92	200	75051	38.87	ng	97
69) Pentachlorophenol	17.14	266	78427	86.84	ng	97
70) Phenanthrene	17.53	178	420200	42.72	ng	99
71) Anthracene	17.62	178	419194	42.97	ng	97
72) Carbazole	17.89	167	380168	41.15	ng	99
73) Di-n-butylphthalate	18.42	149	512400	42.42	ng	98
74) Fluoranthene	19.53	202	456639	40.39	ng	95
76) Benzidine	19.71	184	178843	43.77	ng	98
77) Pyrene	19.89	202	449215	46.24	ng	99
79) Butylbenzylphthalate	20.75	149	221916	49.26	ng	92
80) Benzo(a)anthracene	21.74	228	394248	45.00	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	81550	33.15	ng	96
82) Chrysene	21.81	228	374738	43.95	ng	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	321753	48.57	ng	96
84) Di-n-octyl phthalate	22.84	149	545860	49.62	ng	# 87
85) Indeno(1,2,3-cd)pyrene	28.82	276	404664	42.31	ng	# 85
87) Benzo(b)fluoranthene	24.00	252	379277	45.01	ng	# 96
88) Benzo(k)fluoranthene	24.07	252	368738	44.45	ng	# 96
89) Benzo(a)pyrene	24.89	252	359427	44.61	ng	# 94
90) Dibenzo(a,h)anthracene	28.87	278	336123	44.29	ng	# 94
91) Benzo(g,h,i)perylene	30.00	276	338262	42.84	ng	# 91

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

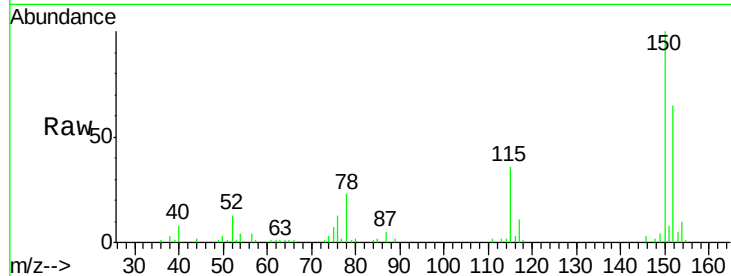


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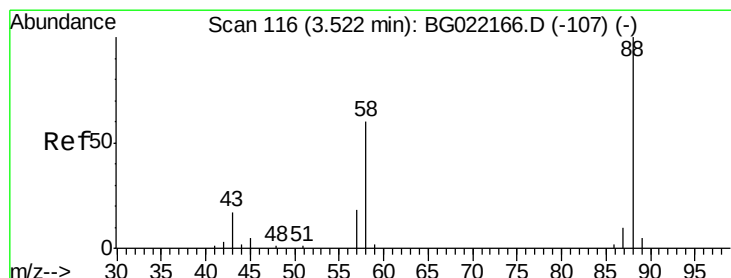
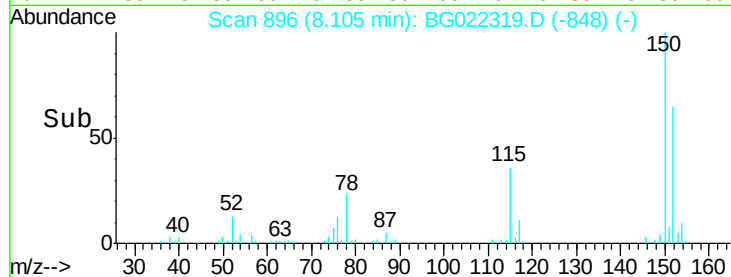
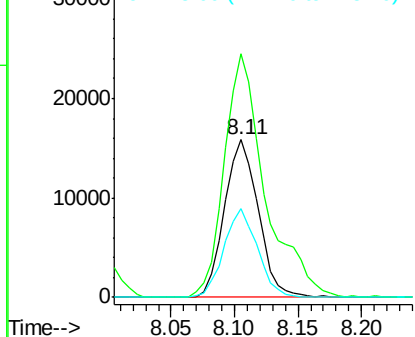
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 896
Delta R.T. -0.02 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Instrument :
BNA_G
ClientSampleId :
PB91204BS

Tgt Ion:152 Resp: 29296
Ion Ratio Lower Upper
152 100
150 154.6 130.1 195.1
115 56.4 62.2 93.2#



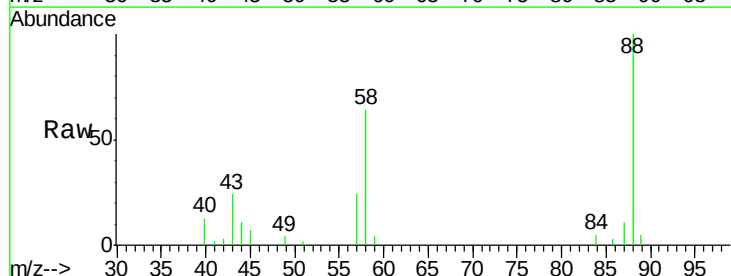
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



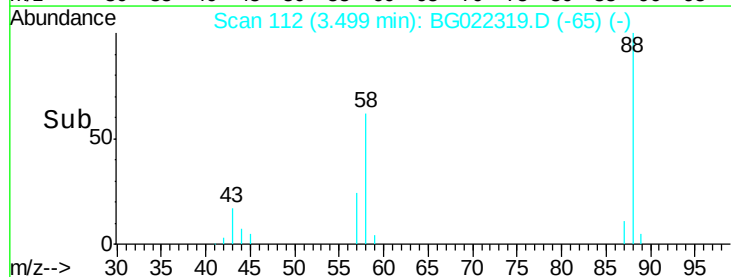
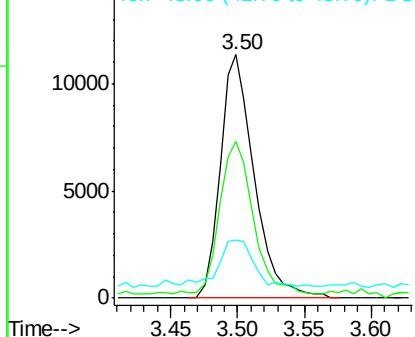
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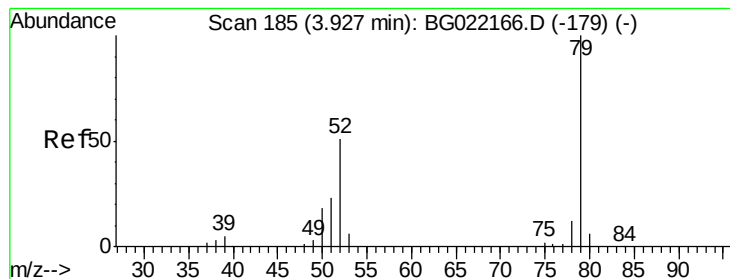
1,4-Dioxane
Concen: 27.63 ng
RT: 3.50 min Scan# 112
Delta R.T. -0.02 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Tgt Ion: 88 Resp: 20071
Ion Ratio Lower Upper
88 100
58 61.7 36.8 55.2#
43 21.3 10.4 15.6#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.02 ng

RT: 3.90 min Scan# 181

Delta R.T. -0.02 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

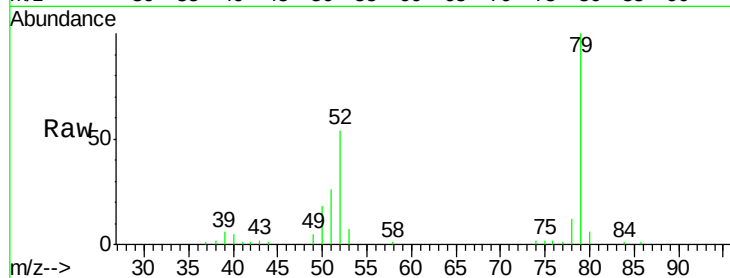
Tgt Ion: 79 Resp: 62860

Ion Ratio Lower Upper

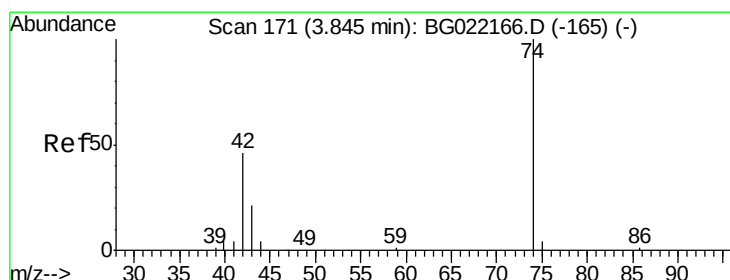
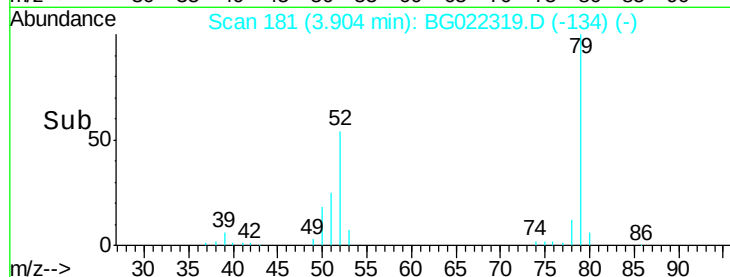
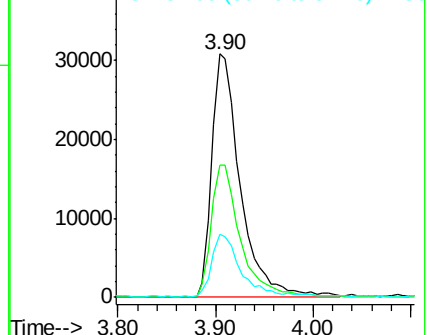
79 100

52 54.4 41.6 62.4

51 26.0 19.2 28.8



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



#4

n-Nitrosodimethylamine

Concen: 44.45 ng

RT: 3.82 min Scan# 167

Delta R.T. -0.02 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

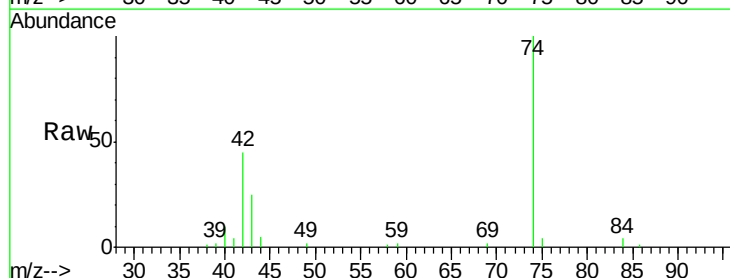
Tgt Ion: 42 Resp: 19512

Ion Ratio Lower Upper

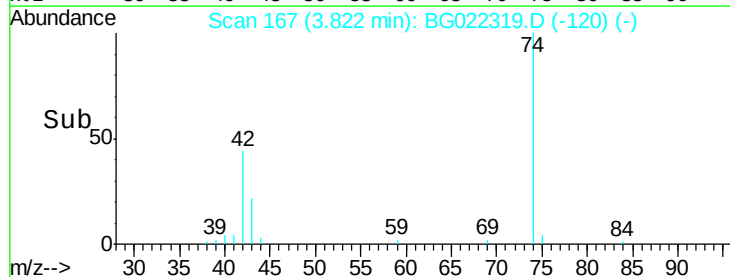
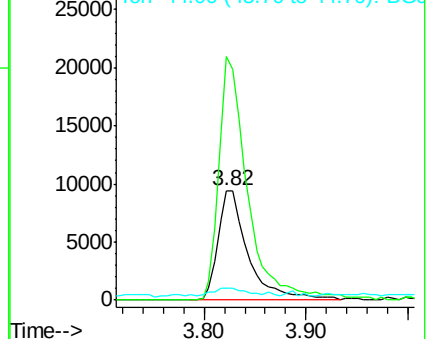
42 100

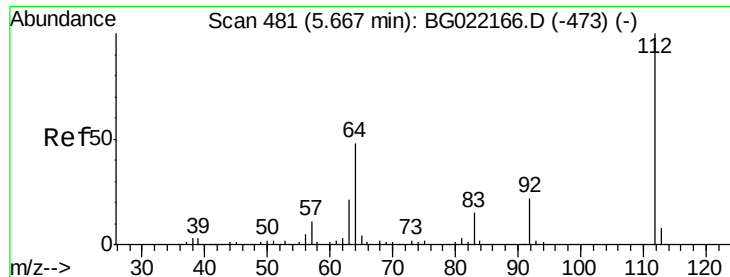
74 222.4 184.0 276.0

44 11.2 11.0 16.6



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: 149.44 ng

RT: 5.66 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

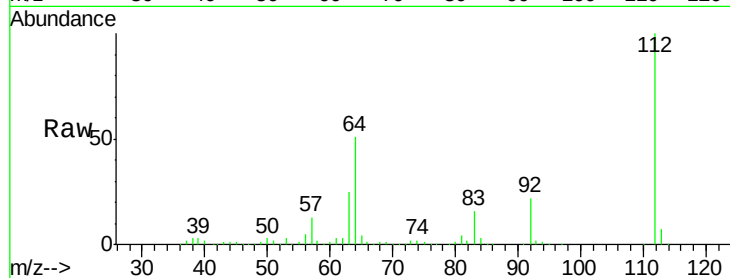
Tgt Ion: 112 Resp: 226431

Ion Ratio Lower Upper

112 100

64 51.0 51.1 76.7#

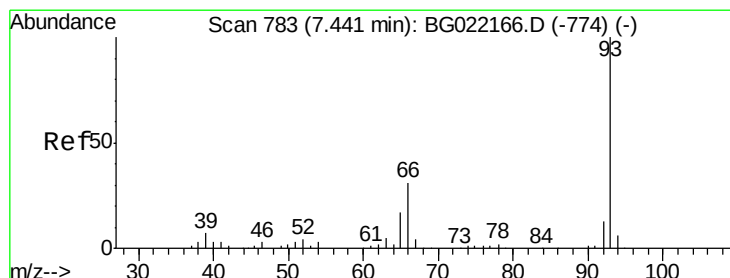
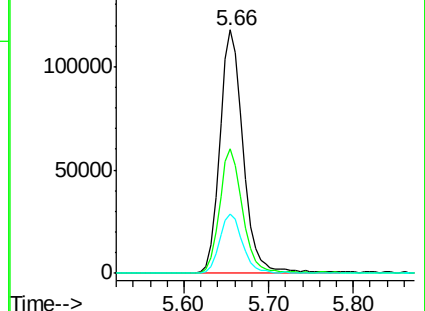
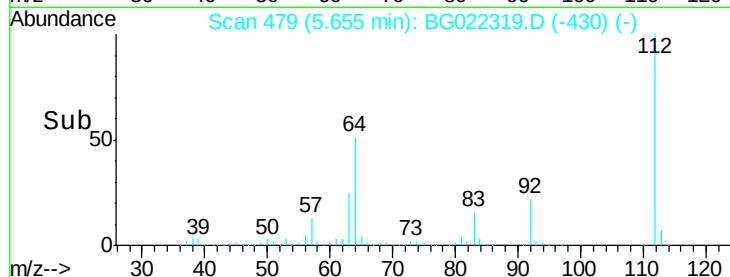
63 24.5 24.6 37.0#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.31 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

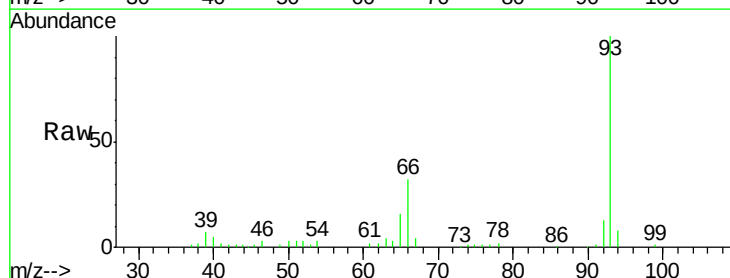
Tgt Ion: 93 Resp: 94752

Ion Ratio Lower Upper

93 100

66 31.6 36.3 54.5#

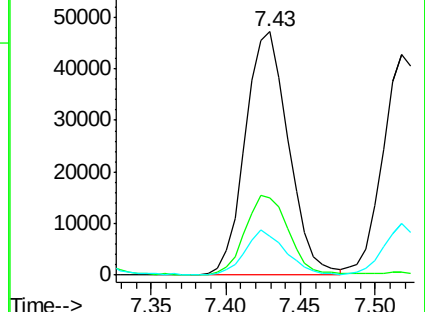
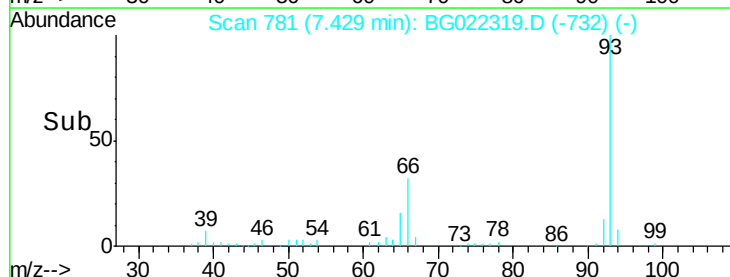
65 16.2 18.4 27.6#

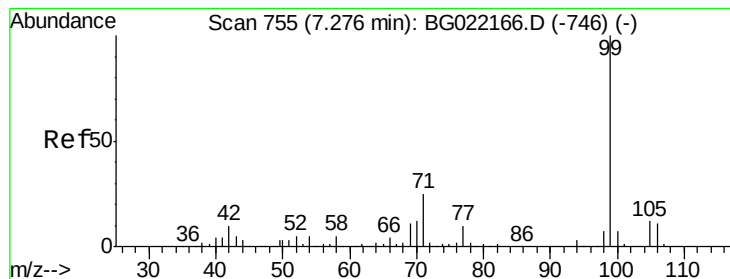


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.09 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

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ClientSampleId :

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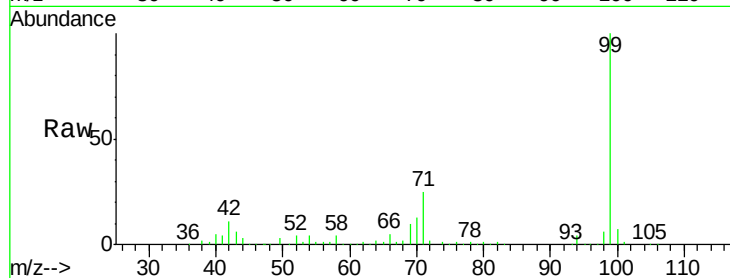
Tgt Ion: 99 Resp: 336120

Ion Ratio Lower Upper

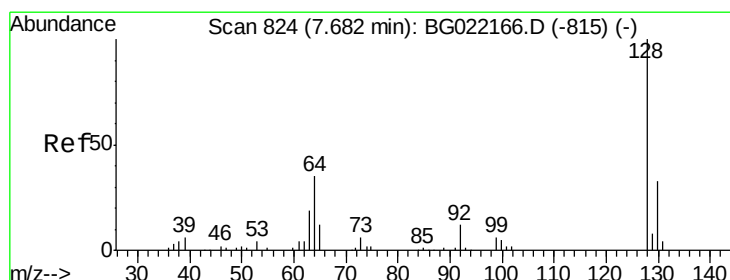
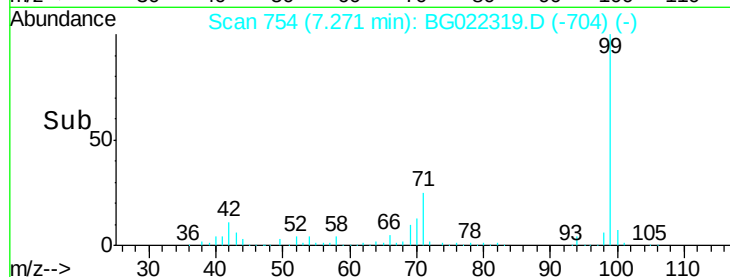
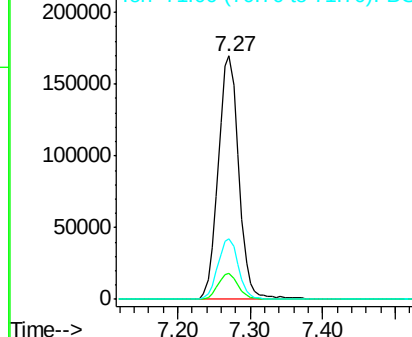
99 100

42 10.7 16.4 24.6#

71 24.8 25.0 37.4#



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



#8

2-Chlorophenol

Concen: 44.21 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

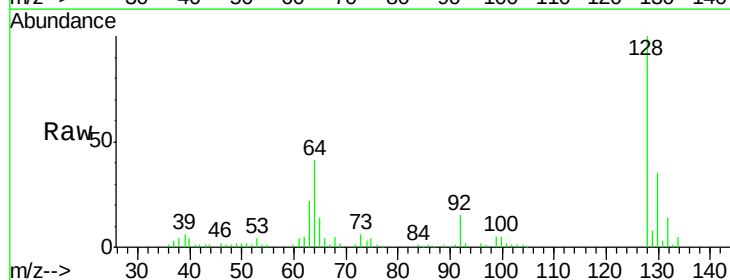
Tgt Ion: 128 Resp: 92588

Ion Ratio Lower Upper

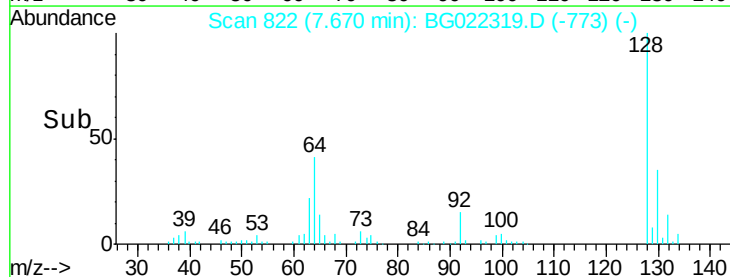
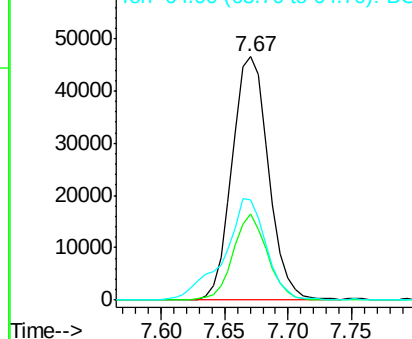
128 100

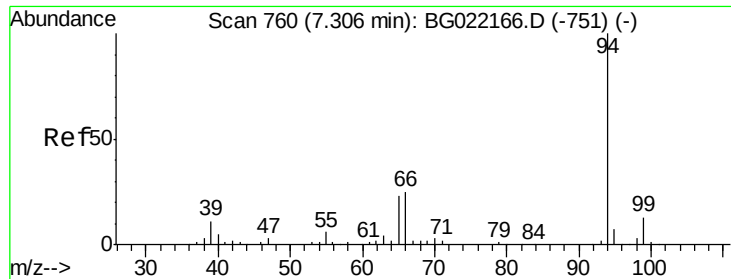
130 35.4 11.2 51.2

64 41.1 39.8 79.8



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





#10

Phenol

Concen: 47.00 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

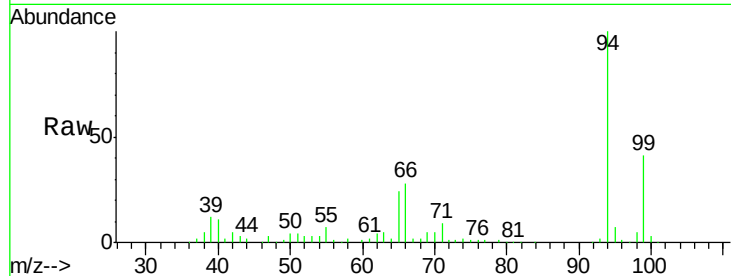
Tgt Ion: 94 Resp: 115449

Ion Ratio Lower Upper

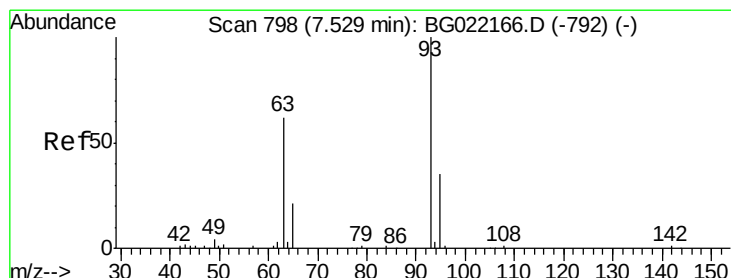
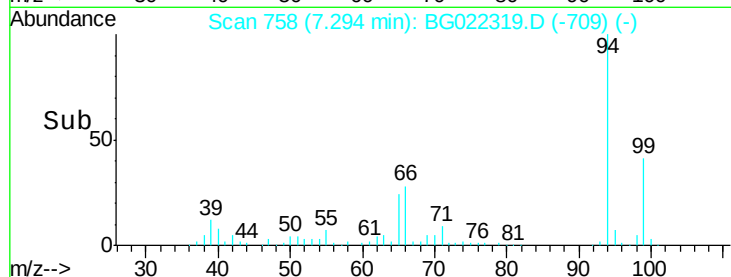
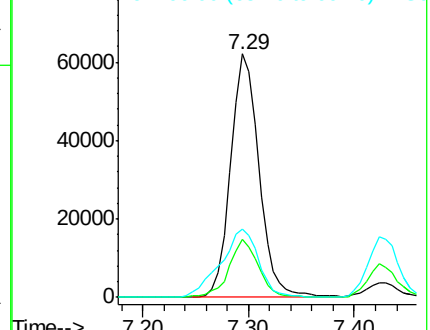
94 100

65 24.0 9.8 49.8

66 28.0 20.8 60.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#11

bis(2-Chloroethyl)ether

Concen: 40.14 ng

RT: 7.52 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

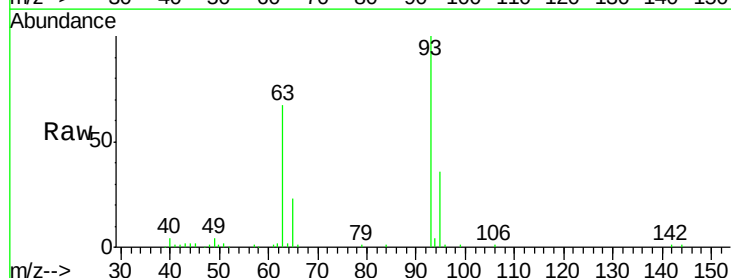
Tgt Ion: 93 Resp: 78611

Ion Ratio Lower Upper

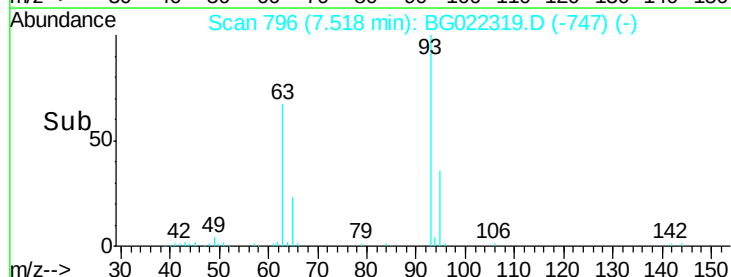
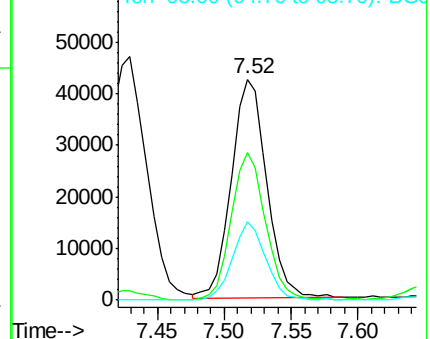
93 100

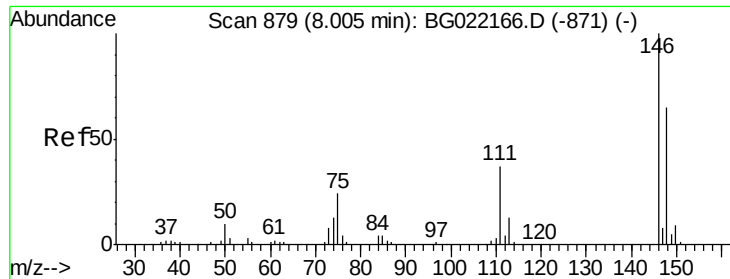
63 66.8 74.9 114.9#

95 35.6 8.3 48.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

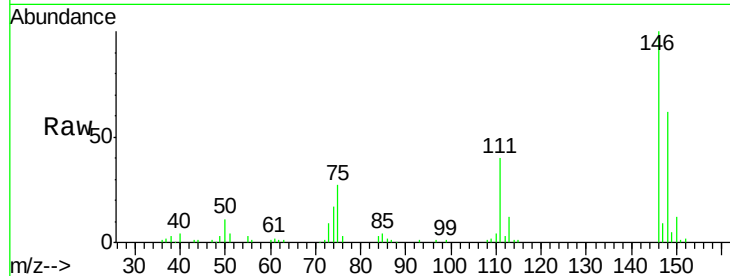




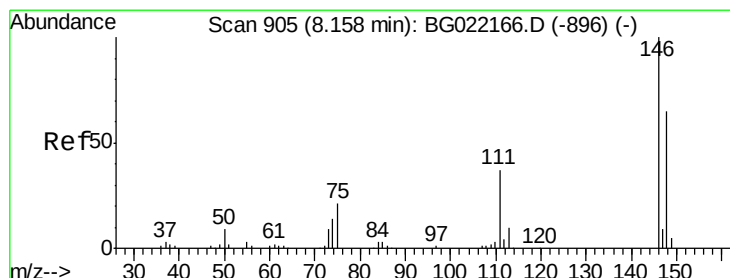
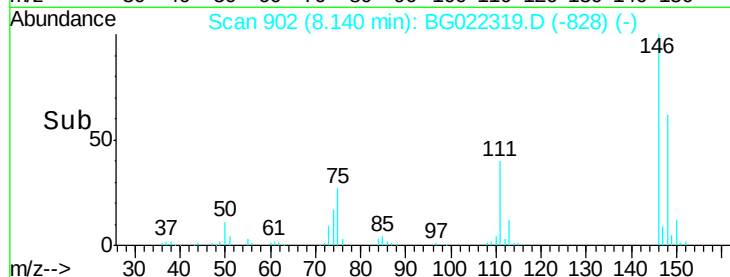
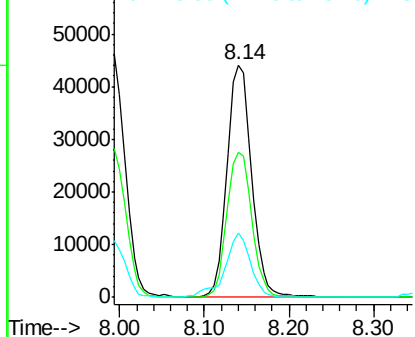
#12
 1,3-Dichlorobenzene
 Concen: 39.41 ng
 RT: 8.14 min Scan# 902
 Delta R.T. 0.14 min
 Lab File: BG022319.D
 Acq: 11 Jun 2016 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB91204BS

Tgt Ion:146 Resp: 88483
 Ion Ratio Lower Upper
 146 100
 148 62.5 53.7 80.5
 75 27.5 27.4 41.0

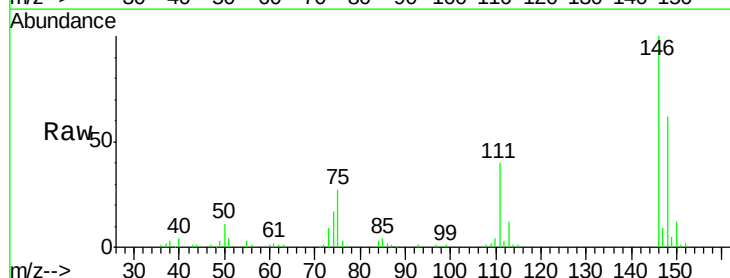


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): B

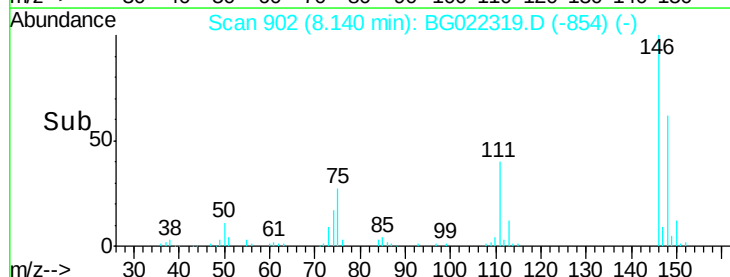
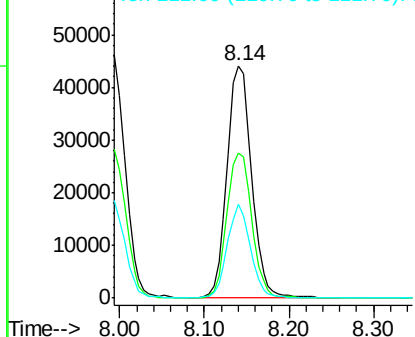


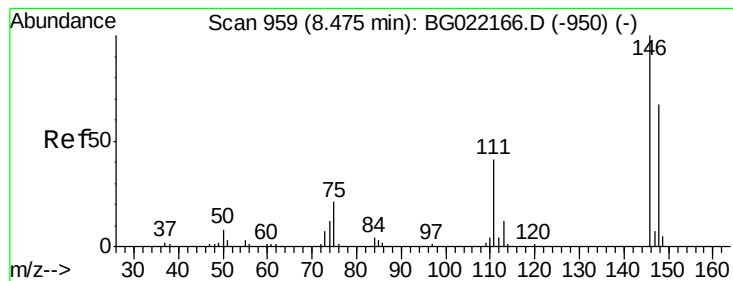
#13
 1,4-Dichlorobenzene
 Concen: 39.56 ng
 RT: 8.14 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BG022319.D
 Acq: 11 Jun 2016 12:37

Tgt Ion:146 Resp: 88483
 Ion Ratio Lower Upper
 146 100
 148 62.5 46.7 70.1
 111 40.2 33.0 49.6



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: 38.26 ng

RT: 8.46 min Scan# 956

Delta R.T. -0.02 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

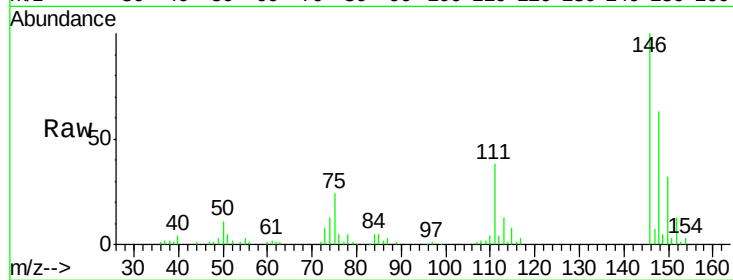
Tgt Ion:146 Resp: 86272

Ion Ratio Lower Upper

146 100

148 62.9 52.6 79.0

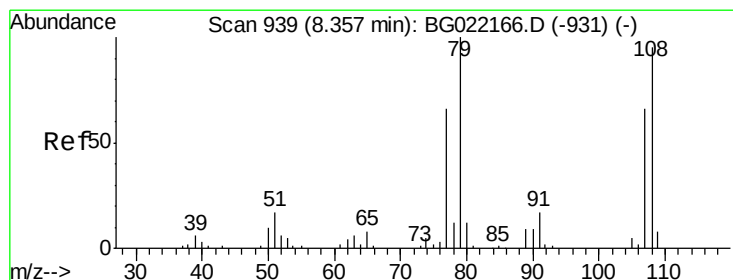
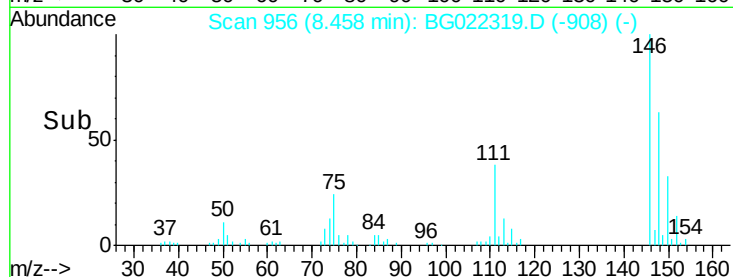
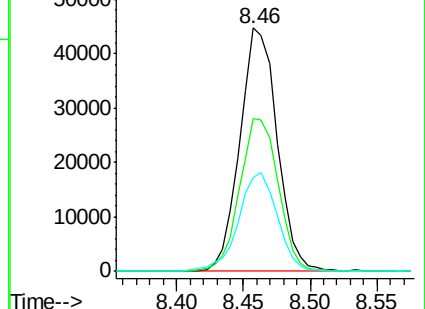
111 38.4 36.1 54.1



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: 42.97 ng

RT: 8.35 min Scan# 937

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

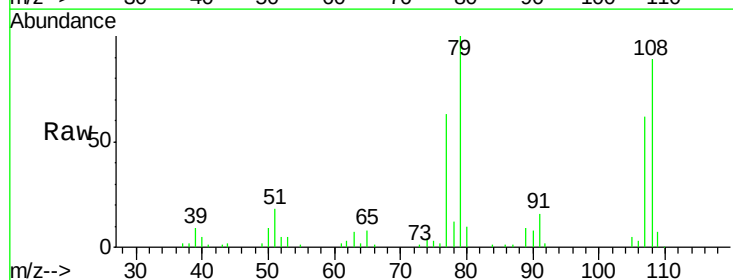
Tgt Ion: 79 Resp: 66140

Ion Ratio Lower Upper

79 100

108 89.4 59.4 89.0#

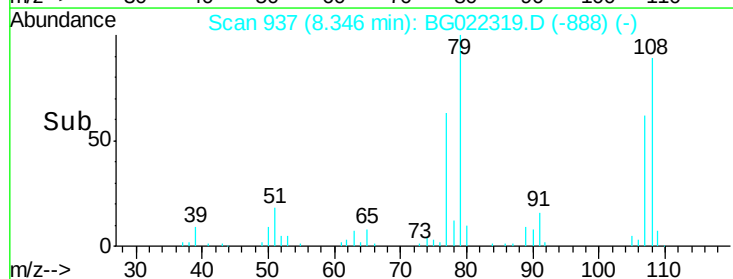
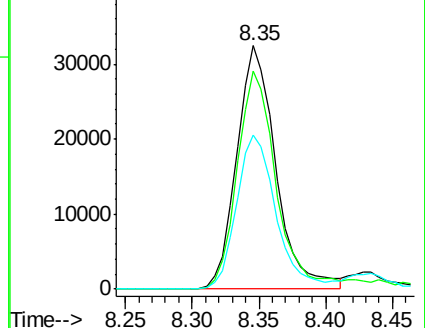
77 63.5 52.2 78.2

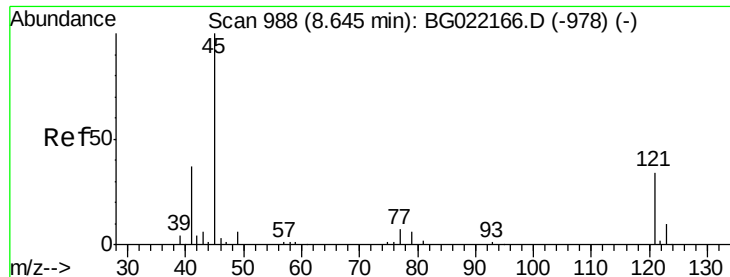


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

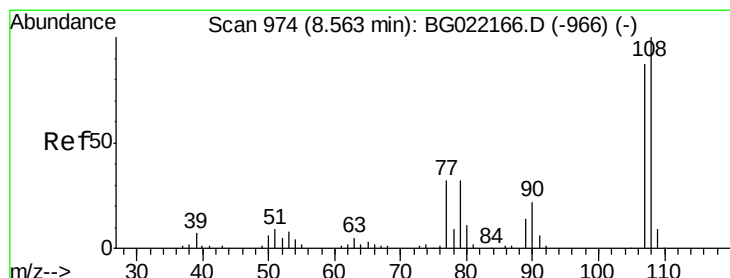
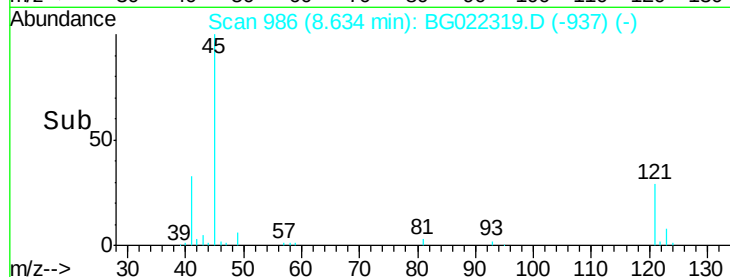
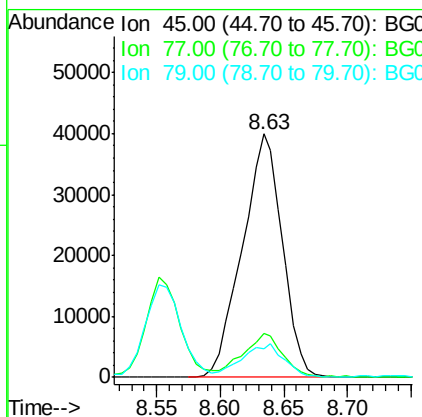
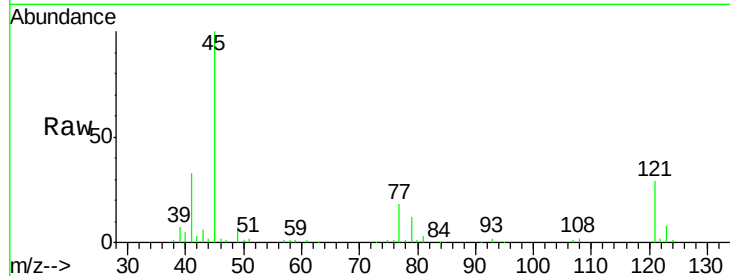




#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.02 ng
RT: 8.63 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

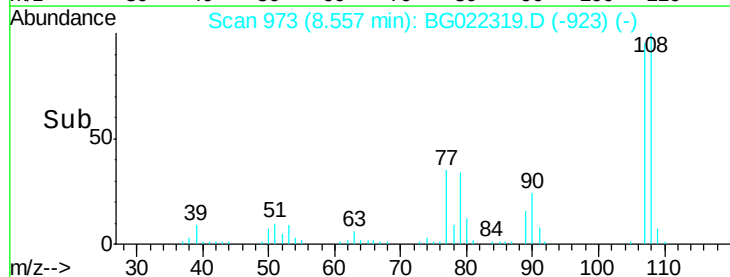
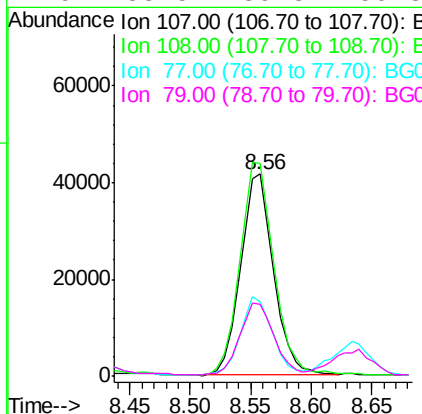
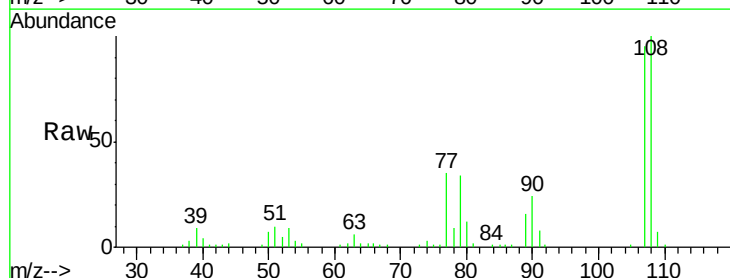
Instrument :
BNA_G
ClientSampleId :
PB91204BS

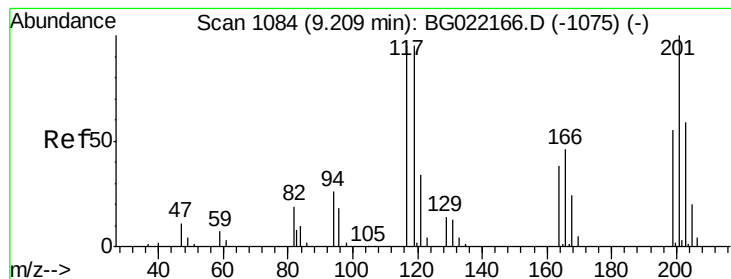
Tgt Ion: 45 Resp: 87405
Ion Ratio Lower Upper
45 100
77 18.0 0.0 31.2
79 12.0 0.0 29.0



#17
2-Methylphenol
Concen: 43.16 ng
RT: 8.56 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Tgt Ion: 107 Resp: 79108
Ion Ratio Lower Upper
107 100
108 105.1 80.2 120.4
77 36.5 40.7 61.1#
79 35.5 39.8 59.8#





#18

Hexachloroethane

Concen: 39.19 ng

RT: 9.19 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

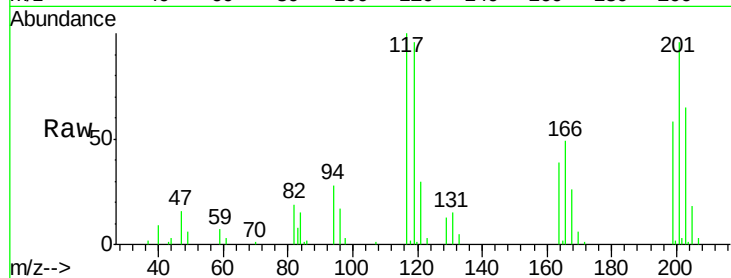
Tgt Ion: 117 Resp: 32010

Ion Ratio Lower Upper

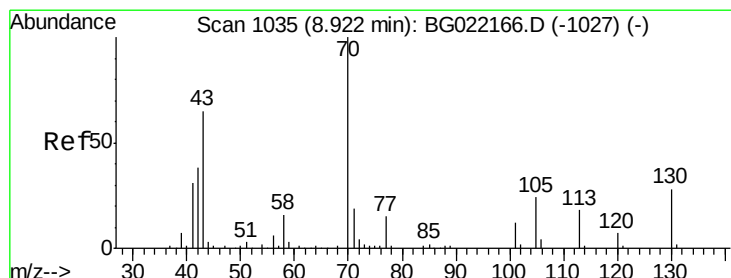
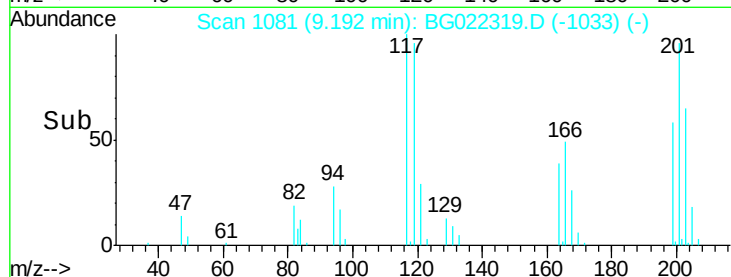
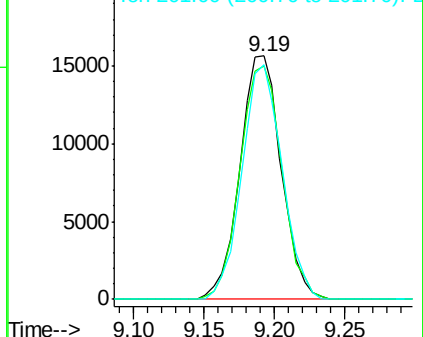
117 100

119 96.0 63.9 95.9#

201 99.2 61.2 91.8#



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: 39.45 ng

RT: 8.91 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Tgt Ion: 70 Resp: 63622

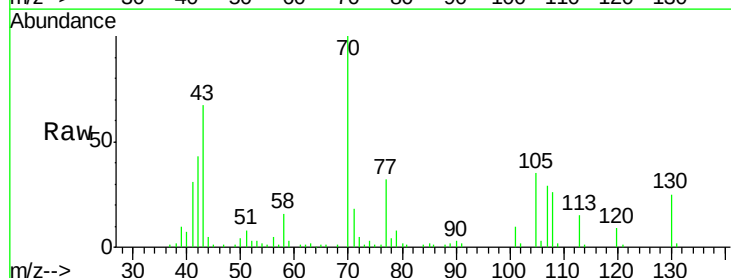
Ion Ratio Lower Upper

70 100

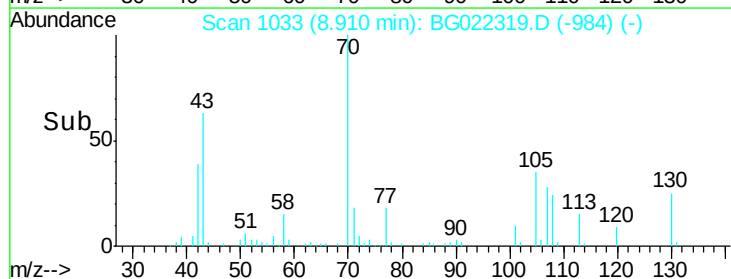
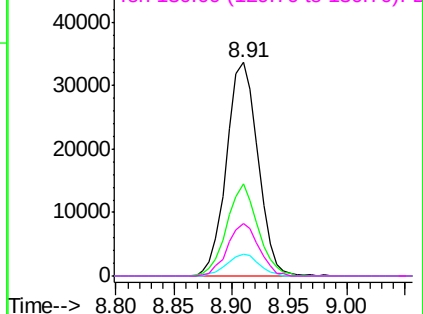
42 43.2 56.7 85.1#

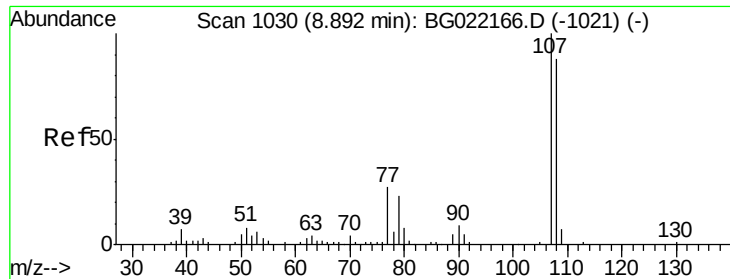
101 10.1 8.2 12.4

130 24.5 14.0 21.0#



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

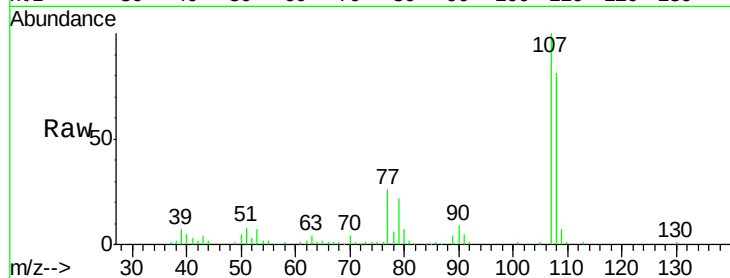




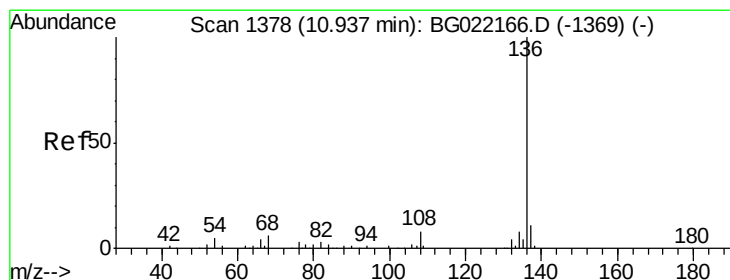
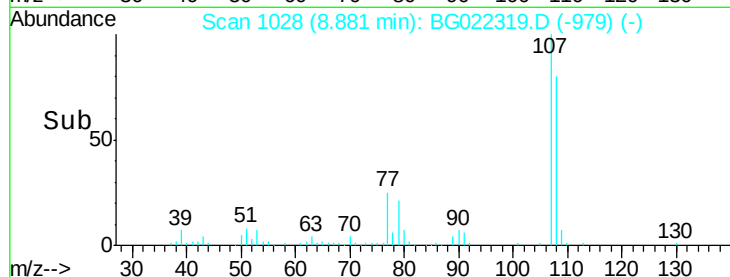
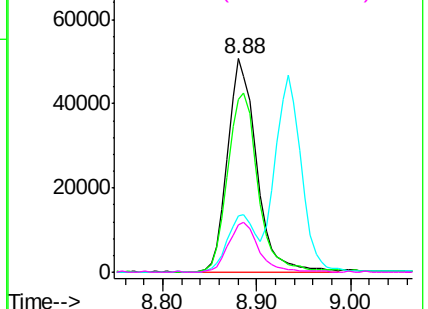
#20
3+4-Methylphenols
Concen: 41.62 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Instrument :
BNA_G
ClientSampleId :
PB91204BS

Tgt Ion:	107	Resp:	109431
Ion	Ratio	Lower	Upper
107	100		
108	80.8	66.2	106.2
77	26.3	11.5	51.5
79	22.3	5.6	45.6

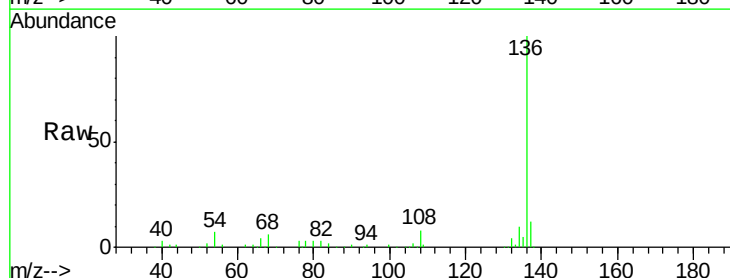


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

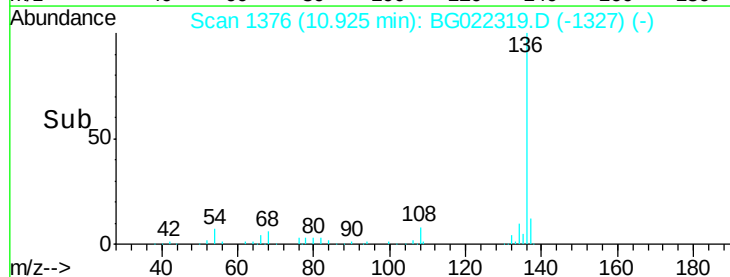
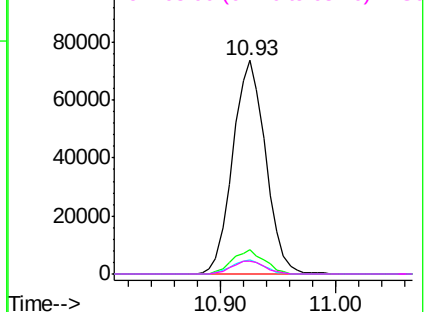


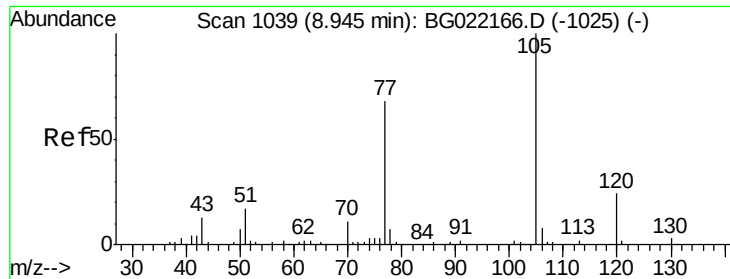
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Tgt Ion:	136	Resp:	144929
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.4
54	6.6	9.6	14.4#
68	5.9	6.4	9.6#



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: 40.18 ng

RT: 8.93 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleID :

PB91204BS

Tgt Ion: 105 Resp: 125481

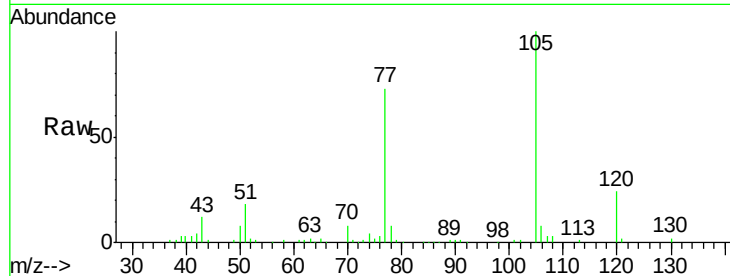
Ion Ratio Lower Upper

105 100

71 1.2 0.0 0.0#

51 17.5 25.7 38.5#

120 24.1 17.0 25.6

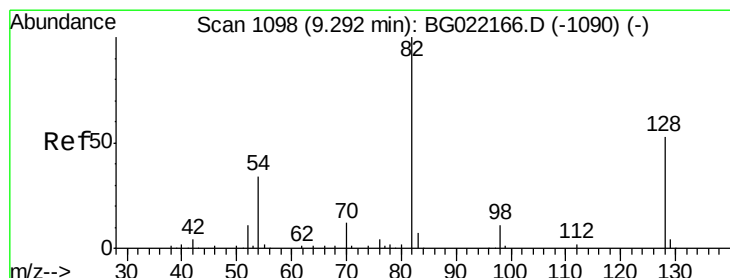
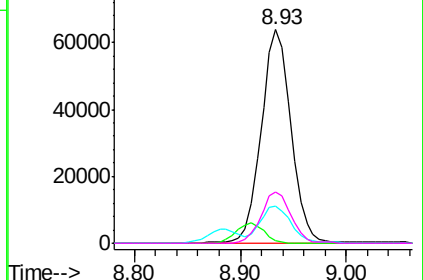
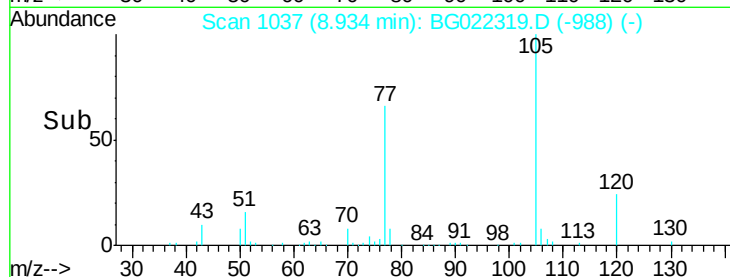


Abundance Ion 105.00 (104.70 to 105.70): E

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: 87.20 ng

RT: 9.28 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

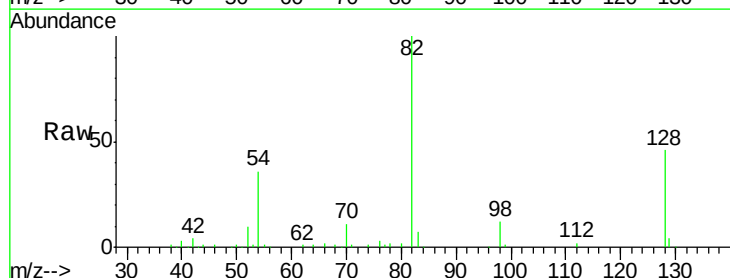
Tgt Ion: 82 Resp: 181282

Ion Ratio Lower Upper

82 100

128 45.7 33.4 50.0

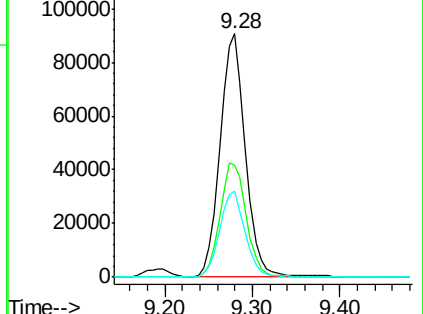
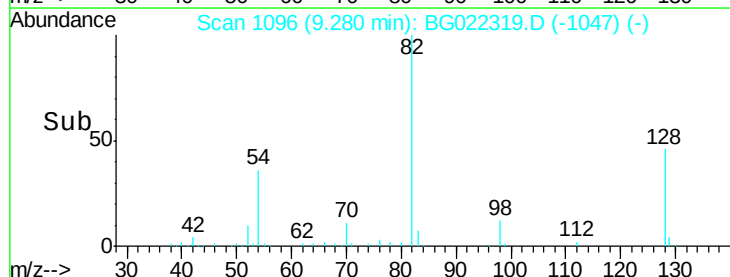
54 35.7 46.1 69.1#

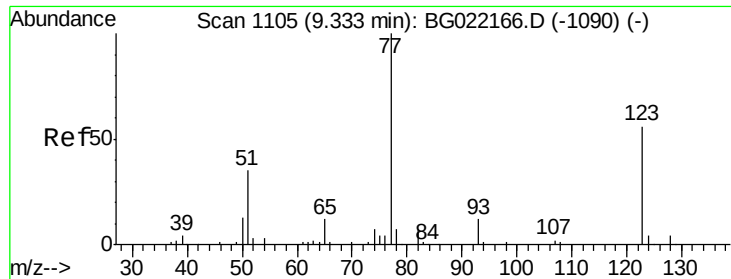


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 43.97 ng

RT: 9.32 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

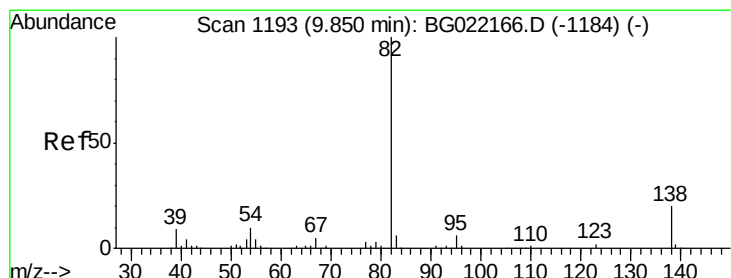
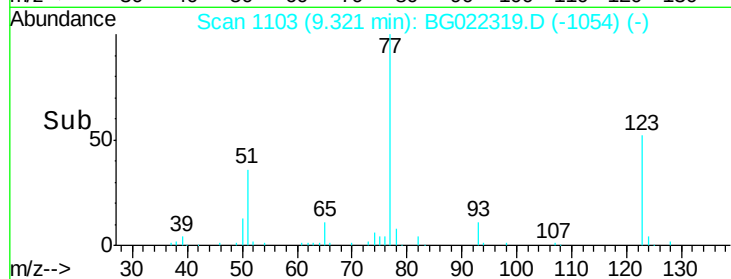
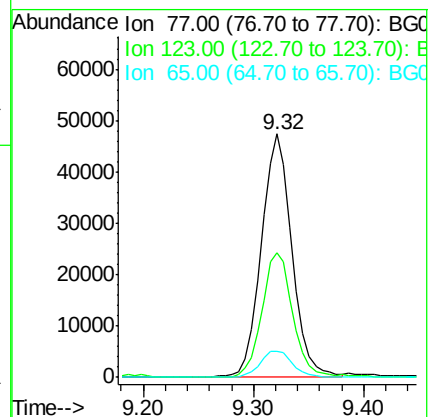
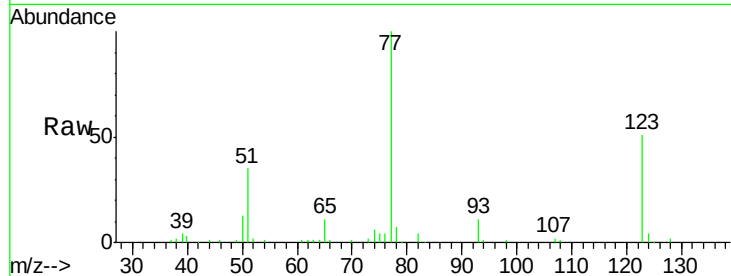
Tgt Ion: 77 Resp: 91911

Ion Ratio Lower Upper

77 100

123 51.3 32.2 48.4#

65 10.6 10.3 15.5



#25

Isophorone

Concen: 37.55 ng

RT: 9.84 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

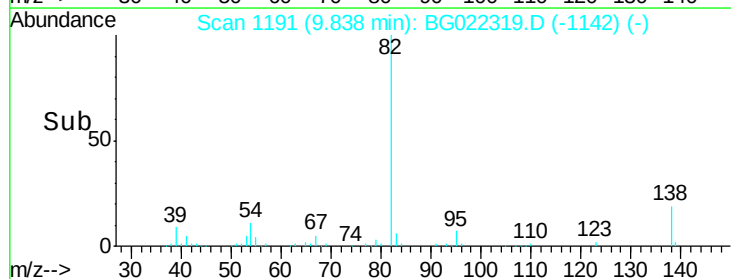
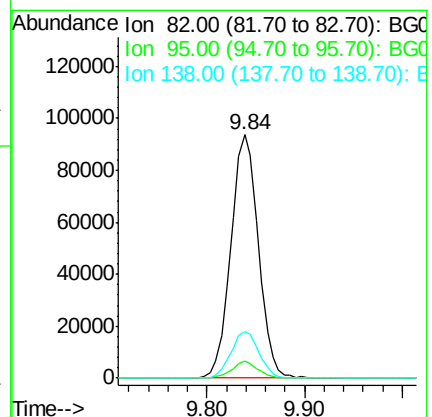
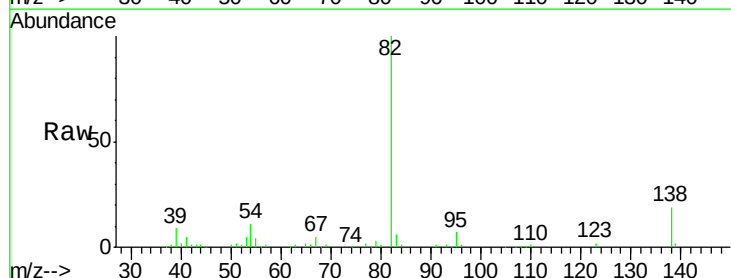
Tgt Ion: 82 Resp: 182606

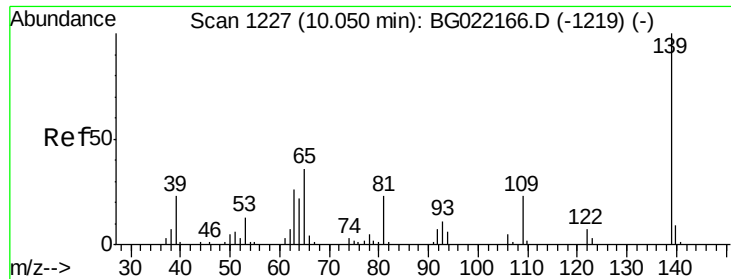
Ion Ratio Lower Upper

82 100

95 7.0 6.0 9.0

138 19.1 13.4 20.0

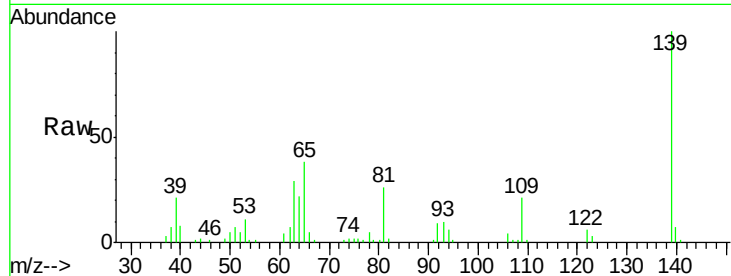




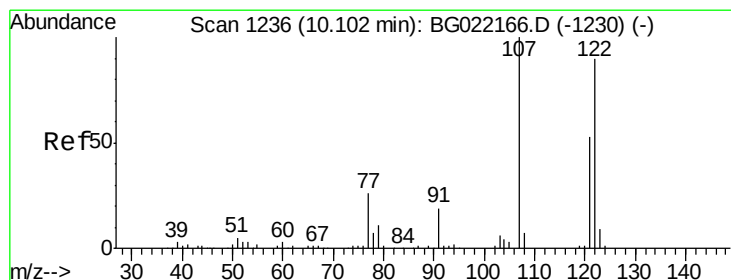
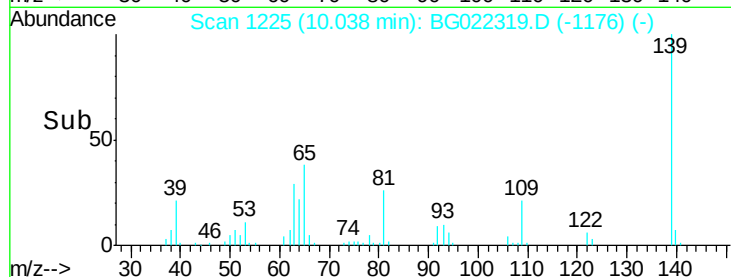
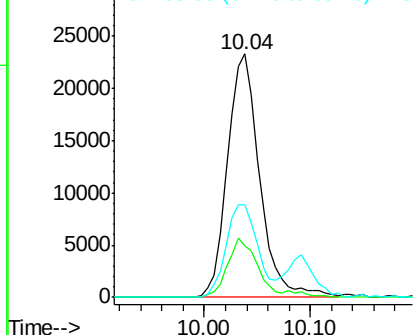
#26
2-Nitrophenol
Concen: 43.28 ng
RT: 10.04 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Instrument :
BNA_G
ClientSampleId :
PB91204BS

Tgt Ion:139 Resp: 49056
Ion Ratio Lower Upper
139 100
109 21.3 26.6 40.0#
65 38.2 45.3 67.9#

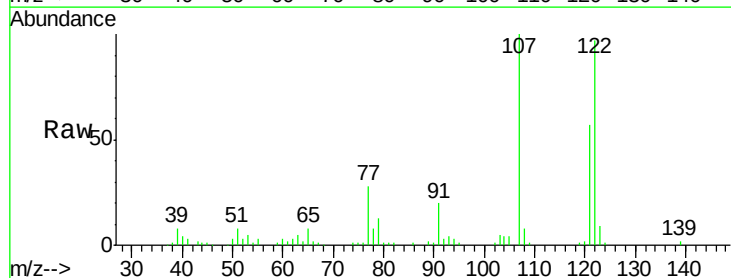


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

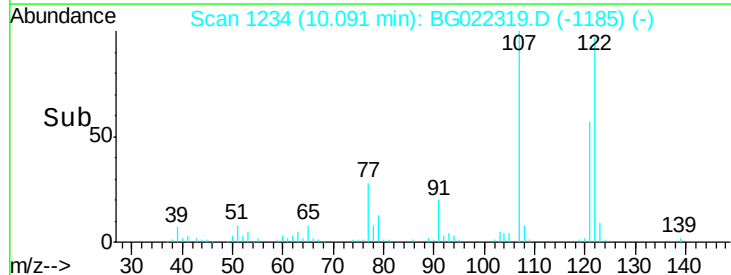
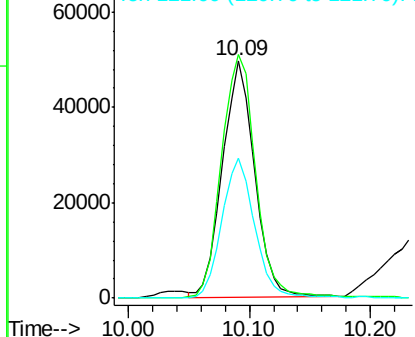


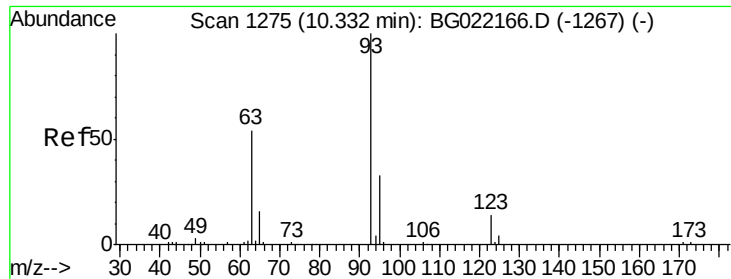
#27
2,4-Dimethylphenol
Concen: 44.37 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Tgt Ion:122 Resp: 91037
Ion Ratio Lower Upper
122 100
107 102.7 97.2 145.8
121 58.8 49.0 73.4



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

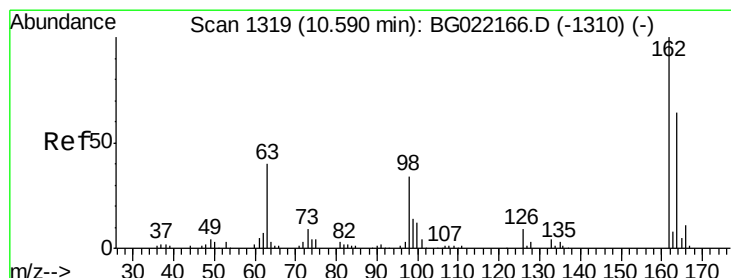
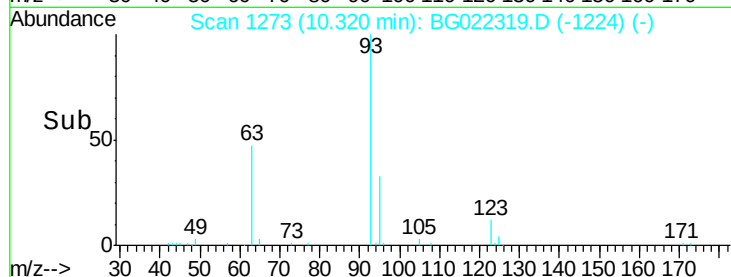
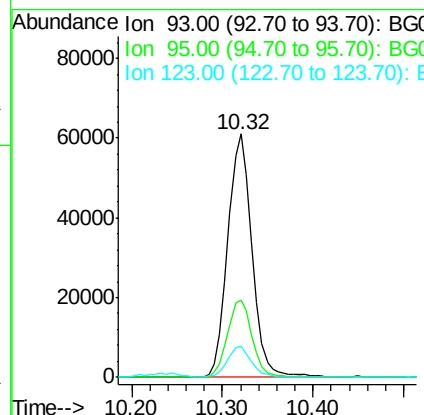
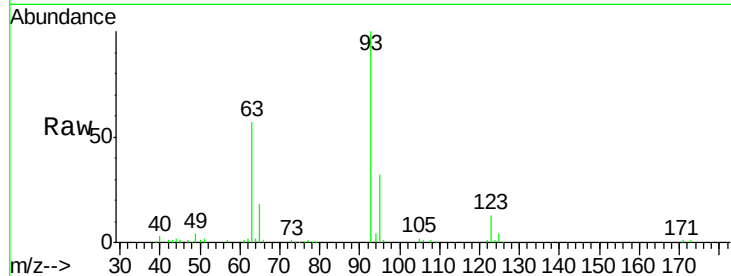




#28
bis(2-Chloroethoxy)methane
Concen: 40.67 ng
RT: 10.32 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

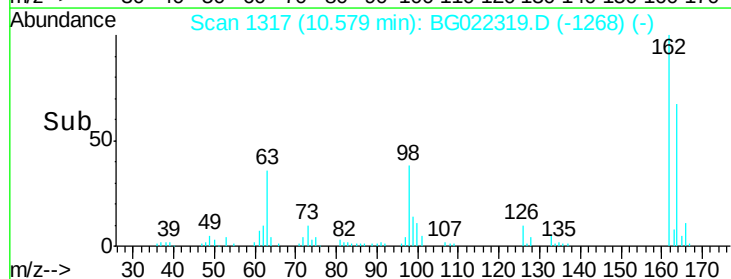
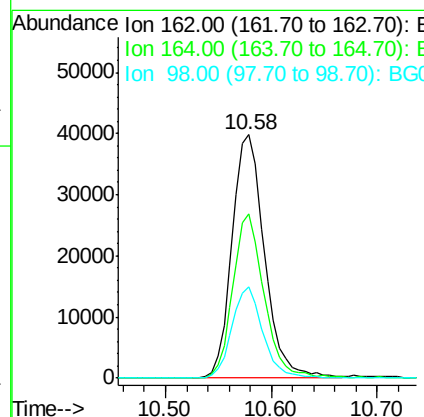
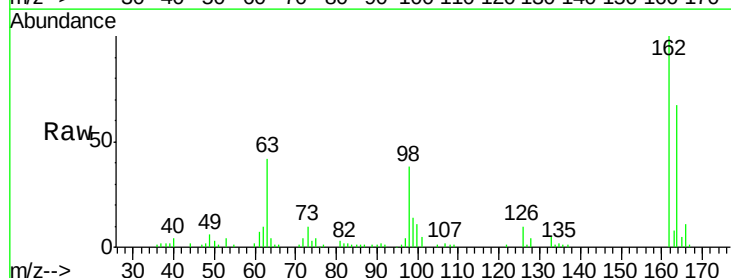
Instrument :
BNA_G
ClientSampleId :
PB91204BS

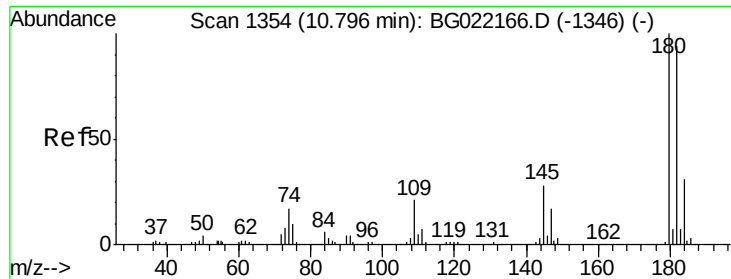
Tgt Ion: 93 Resp: 113312
Ion Ratio Lower Upper
93 100
95 31.5 30.1 45.1
123 12.6 10.2 15.4



#29
2,4-Dichlorophenol
Concen: 44.50 ng
RT: 10.58 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Tgt Ion: 162 Resp: 84584
Ion Ratio Lower Upper
162 100
164 67.3 44.9 84.9
98 37.7 19.2 59.2

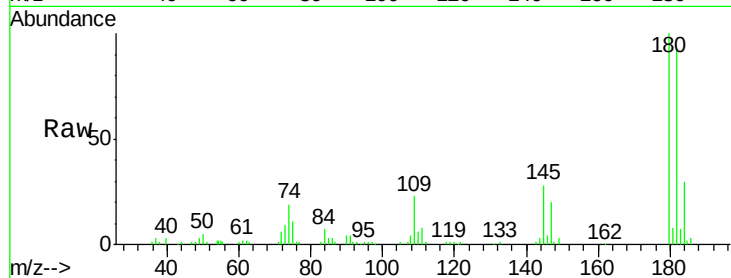




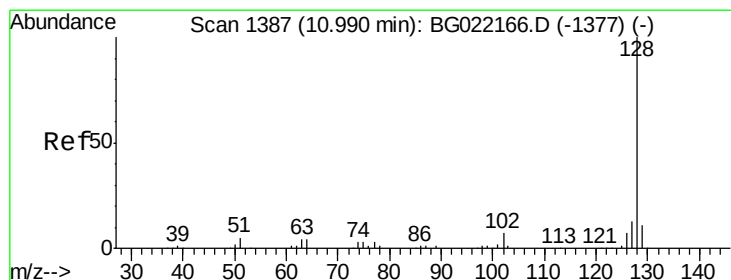
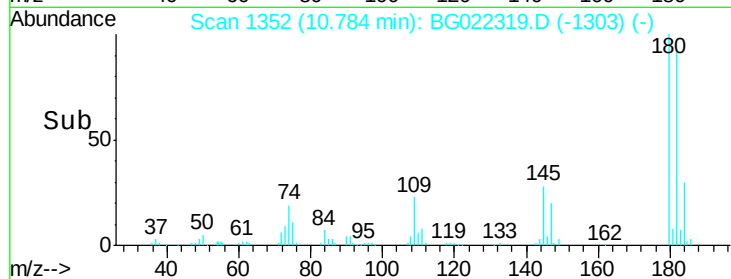
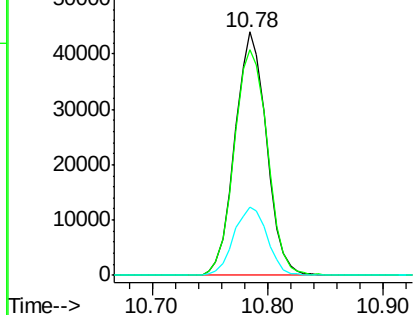
#30
 1,2,4-Trichlorobenzene
 Concen: 39.27 ng
 RT: 10.78 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BG022319.D
 Acq: 11 Jun 2016 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB91204BS

Tgt Ion:180 Resp: 83407
 Ion Ratio Lower Upper
 180 100
 182 92.8 82.3 123.5
 145 28.2 24.4 36.6

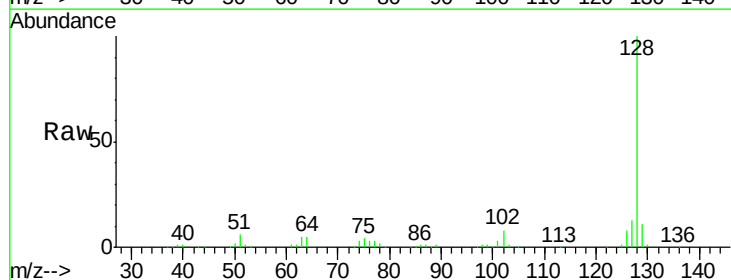


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

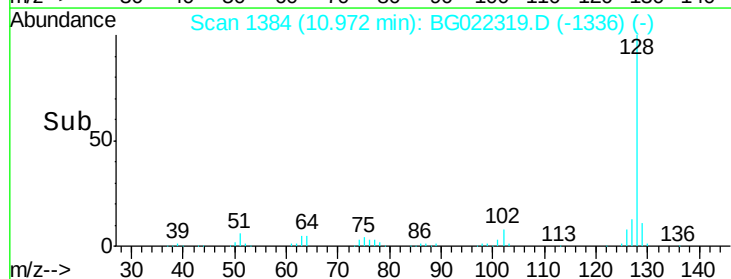
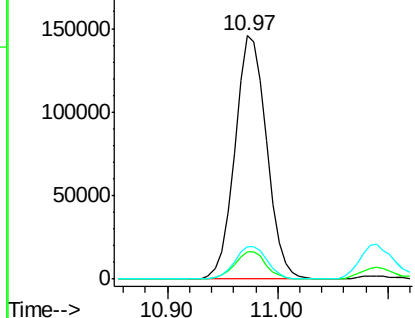


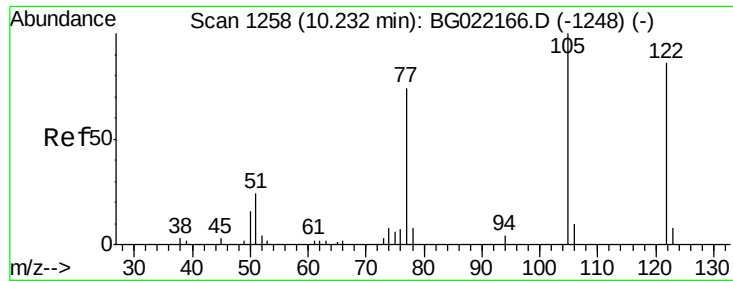
#31
 Naphthalene
 Concen: 40.63 ng
 RT: 10.97 min Scan# 1384
 Delta R.T. -0.02 min
 Lab File: BG022319.D
 Acq: 11 Jun 2016 12:37

Tgt Ion:128 Resp: 293913
 Ion Ratio Lower Upper
 128 100
 129 11.2 7.0 10.6#
 127 13.1 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

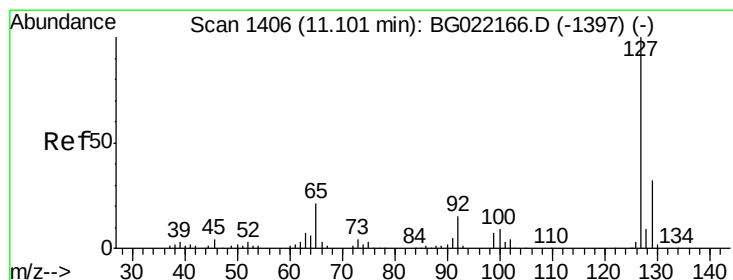
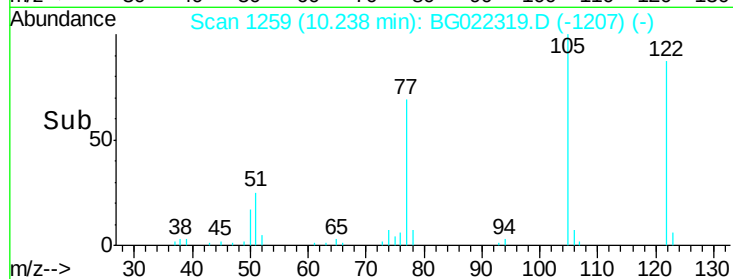
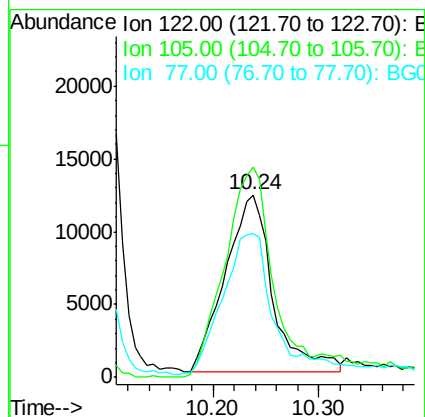
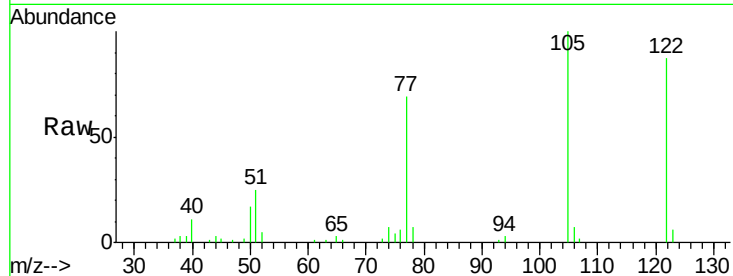




#32
Benzoic acid
Concen: 51.73 ng
RT: 10.24 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

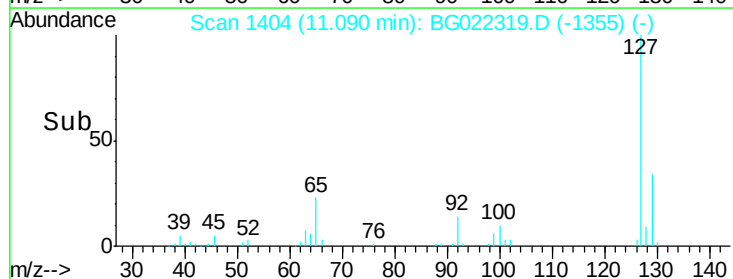
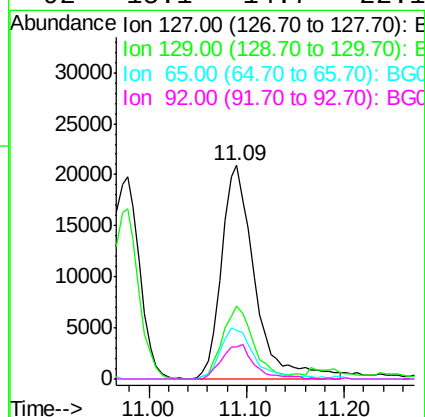
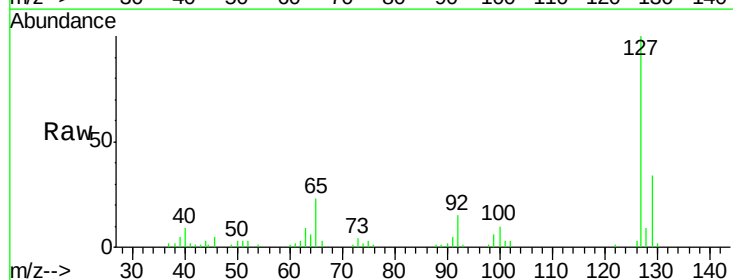
Instrument :
BNA_G
ClientSampleId :
PB91204BS

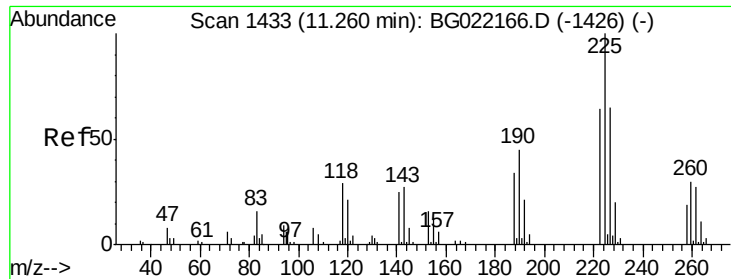
Tgt Ion:122 Resp: 37884
Ion Ratio Lower Upper
122 100
105 115.4 104.5 144.5
77 79.1 79.9 119.9#



#33
4-Chloroaniline
Concen: 16.48 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Tgt Ion:127 Resp: 49571
Ion Ratio Lower Upper
127 100
129 33.9 26.6 39.8
65 22.6 27.5 41.3#
92 15.1 14.7 22.1





#34

Hexachlorobutadiene

Concen: 39.11 ng

RT: 11.24 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

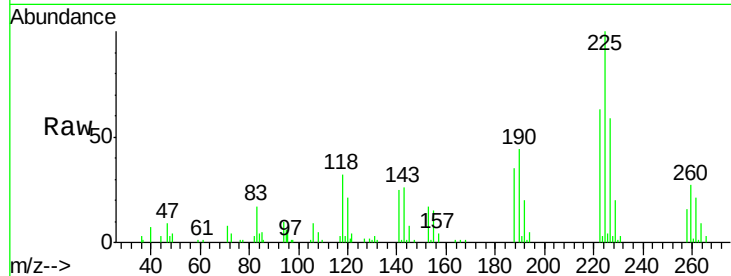
Tgt Ion:225 Resp: 44594

Ion Ratio Lower Upper

225 100

223 63.7 52.7 79.1

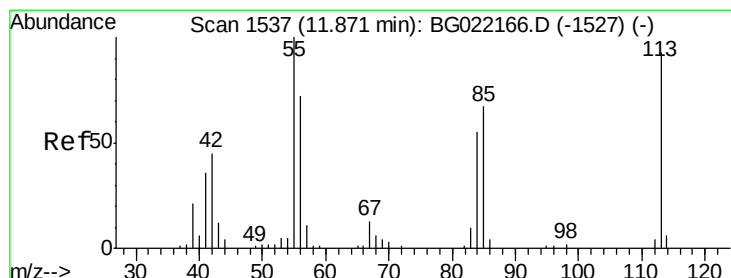
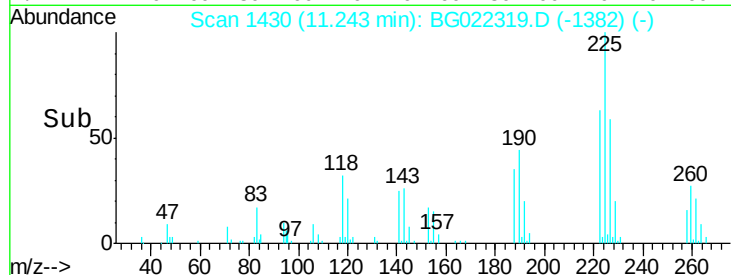
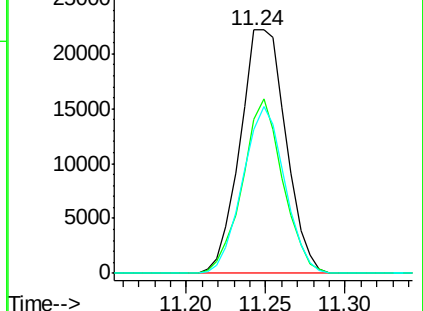
227 56.8 49.7 74.5



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: 21.00 ng

RT: 11.86 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

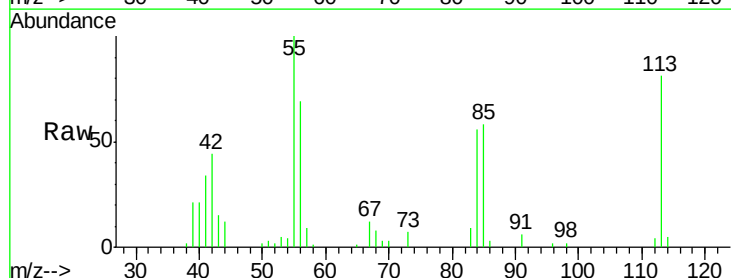
Tgt Ion:113 Resp: 21891

Ion Ratio Lower Upper

113 100

55 124.0 194.2 234.2#

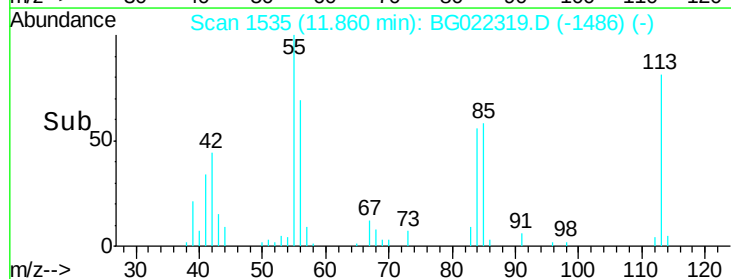
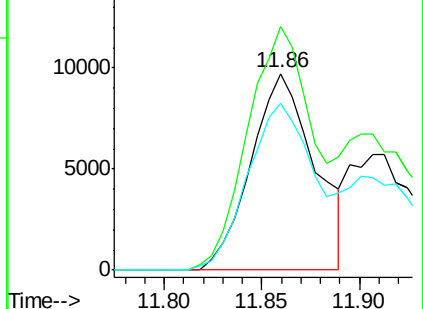
56 85.2 122.6 162.6#

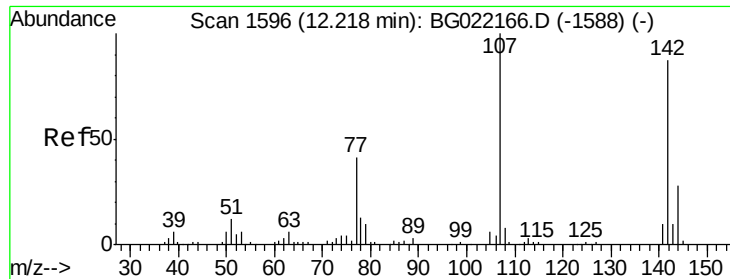


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

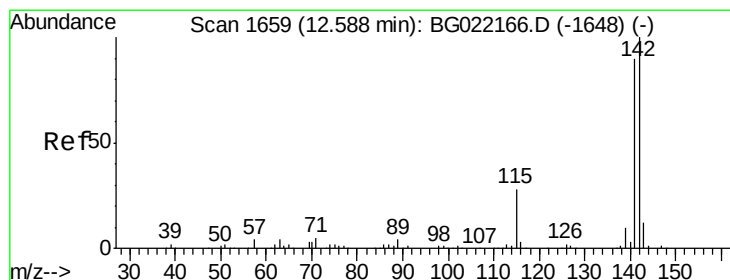
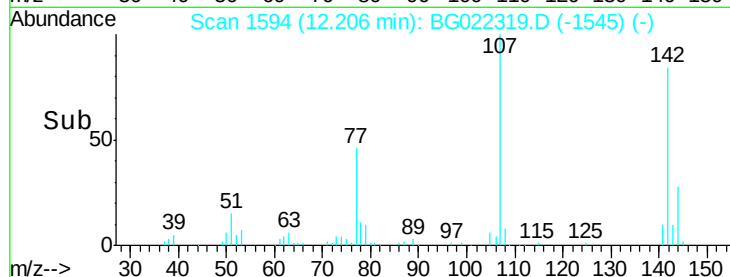
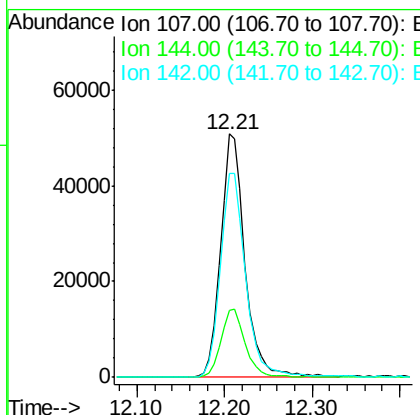
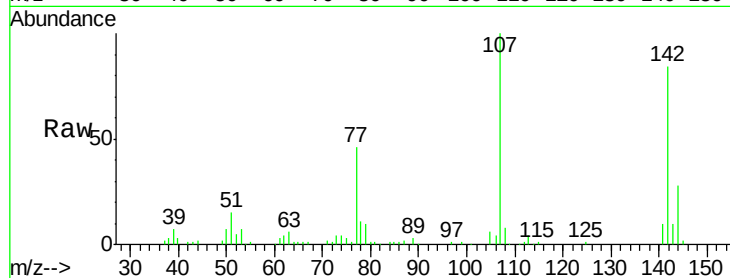




#36
 4-Chloro-3-methylphenol
 Concen: 43.34 ng
 RT: 12.21 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BG022319.D
 Acq: 11 Jun 2016 12:37

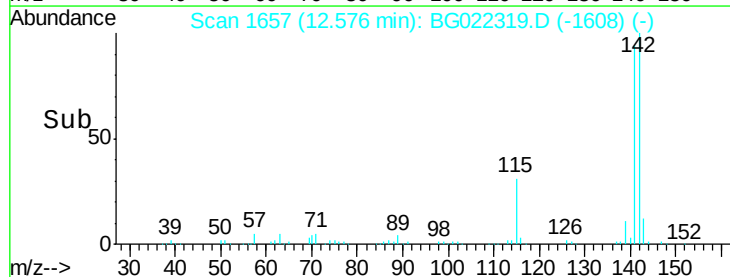
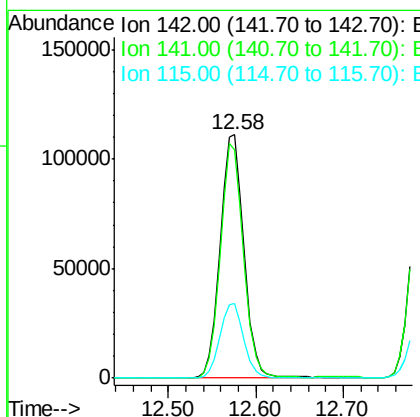
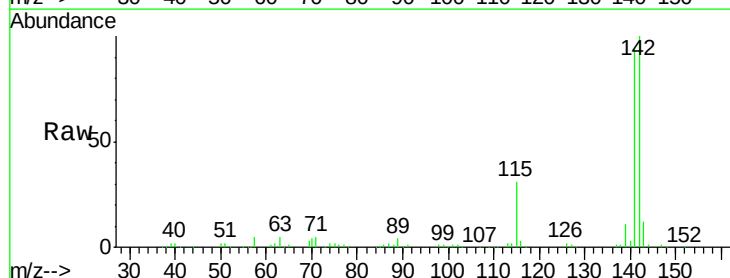
Instrument :
 BNA_G
 ClientSampleId :
 PB91204BS

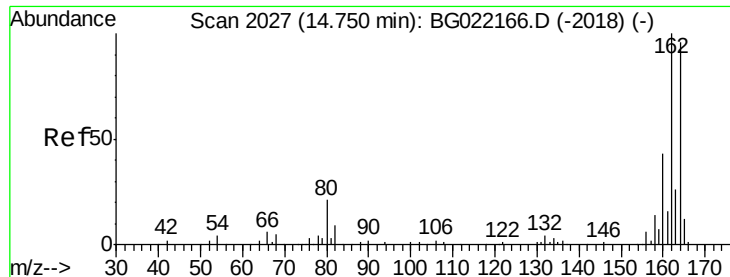
Tgt Ion:107 Resp: 97641
 Ion Ratio Lower Upper
 107 100
 144 27.7 19.2 28.8
 142 83.8 59.1 88.7



#37
 2-Methylnaphthalene
 Concen: 39.05 ng
 RT: 12.58 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BG022319.D
 Acq: 11 Jun 2016 12:37

Tgt Ion:142 Resp: 208551
 Ion Ratio Lower Upper
 142 100
 141 94.0 71.4 107.0
 115 30.5 27.4 41.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

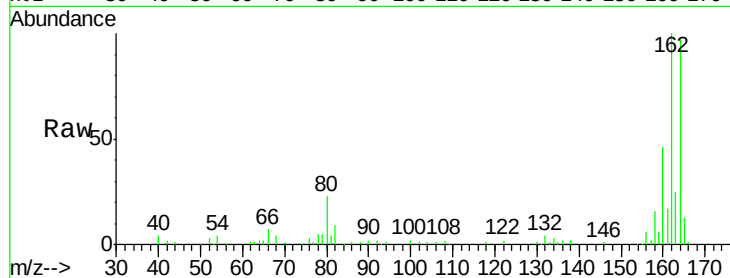
Tgt Ion:164 Resp: 84393

Ion Ratio Lower Upper

164 100

162 103.0 78.0 117.0

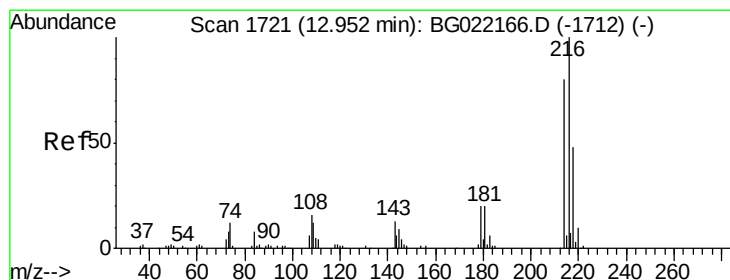
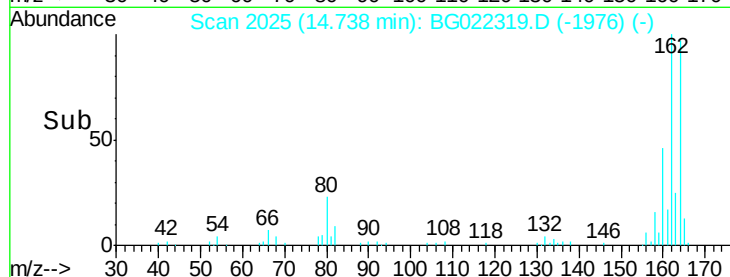
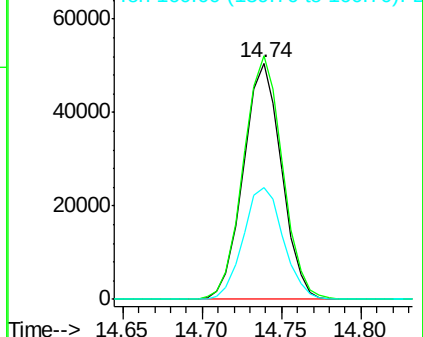
160 47.0 32.9 49.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.11 ng

RT: 12.93 min Scan# 1718

Delta R.T. -0.02 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Tgt Ion:216 Resp: 89305

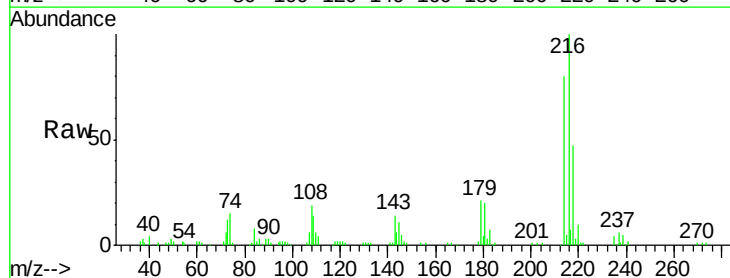
Ion Ratio Lower Upper

216 100

214 78.5 62.2 93.2

179 20.8 16.7 25.1

108 20.7 14.0 21.0

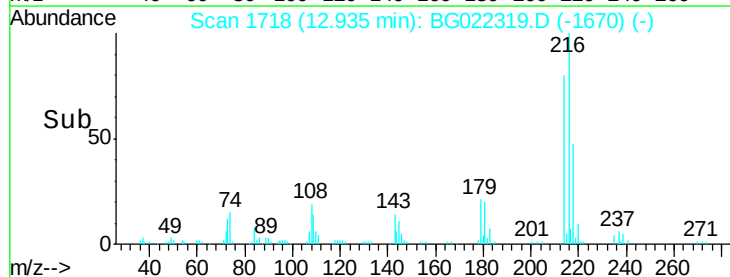
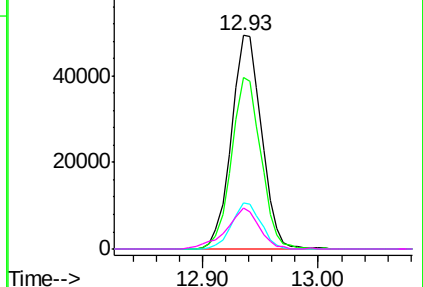


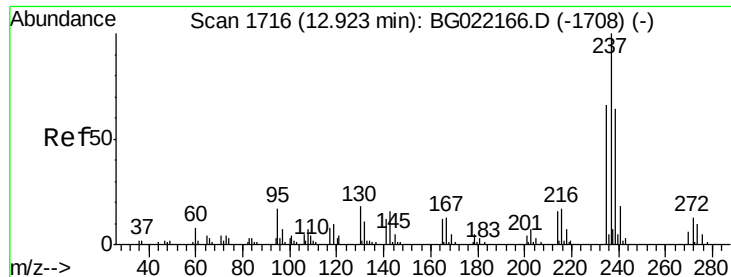
Abundance Ion 216.00 (215.70 to 216.70): E

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: 66.60 ng

RT: 12.91 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

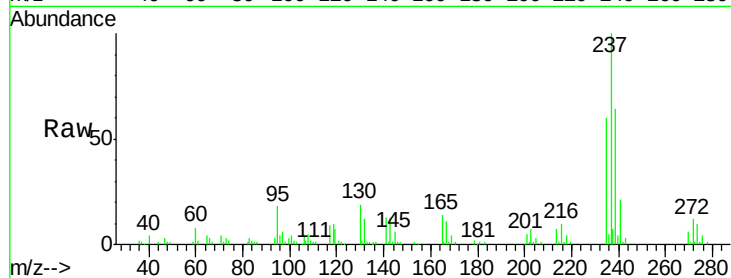
Tgt Ion:237 Resp: 72742

Ion Ratio Lower Upper

237 100

235 60.3 43.2 83.2

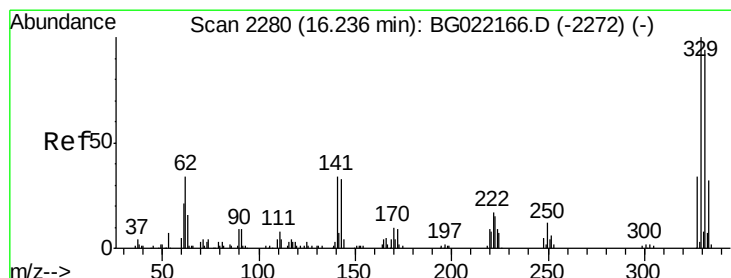
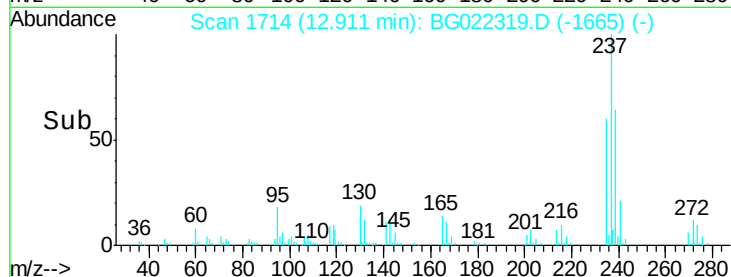
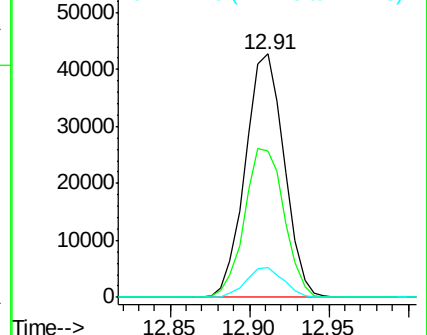
272 12.3 0.0 33.4



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: 116.62 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

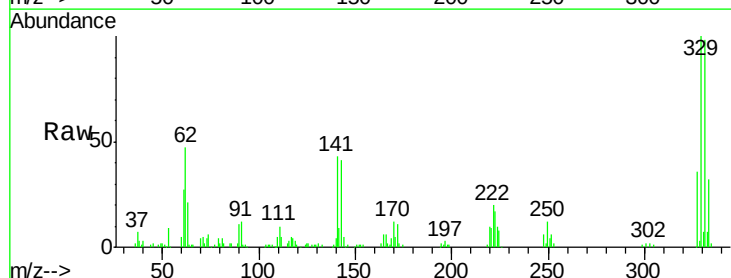
Tgt Ion:330 Resp: 111205

Ion Ratio Lower Upper

330 100

332 97.0 78.0 117.0

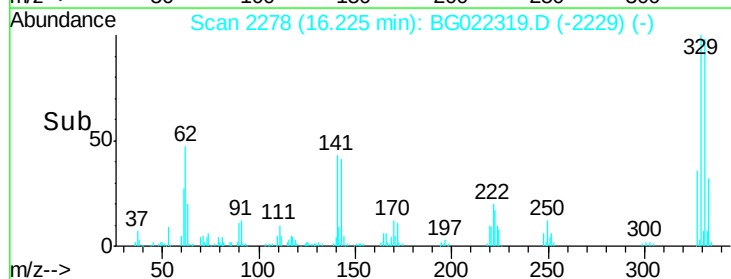
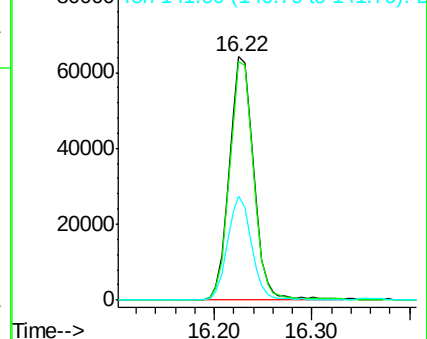
141 42.2 33.8 50.8

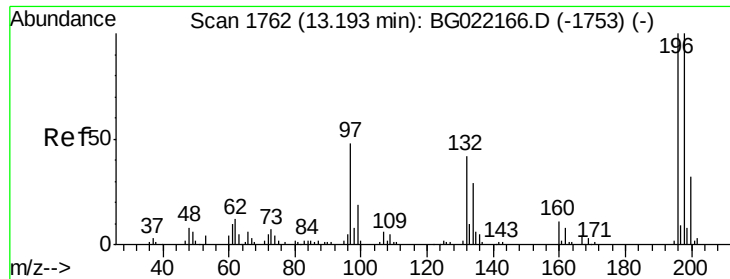


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

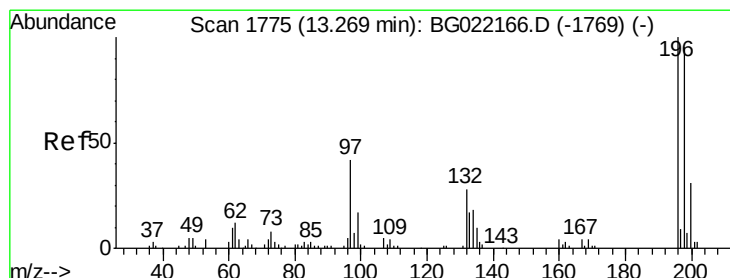
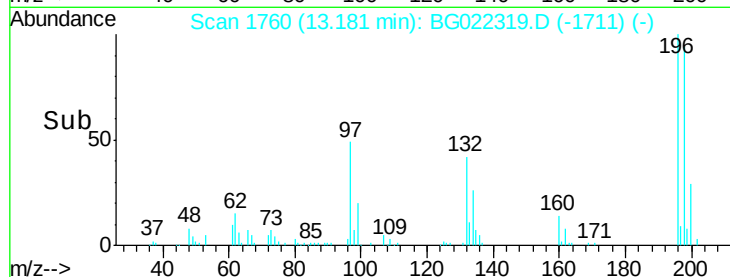
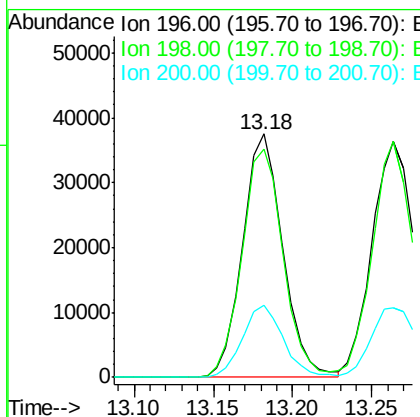
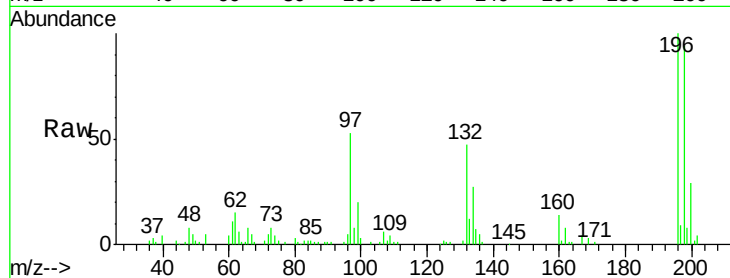




#42
 2,4,6-Trichlorophenol
 Concen: 45.38 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BG022319.D
 Acq: 11 Jun 2016 12:37

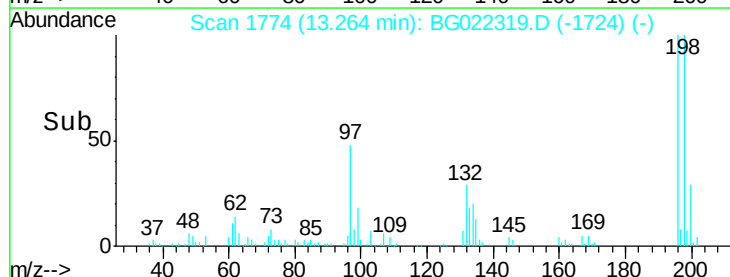
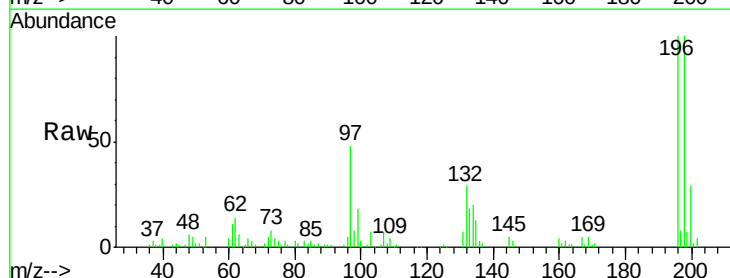
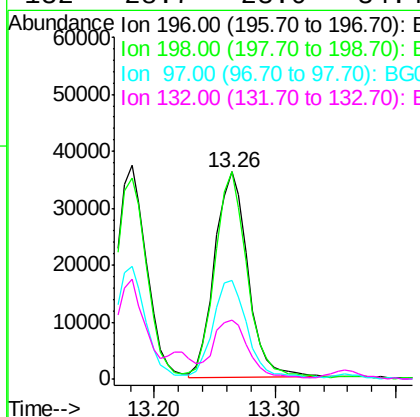
Instrument :
 BNA_G
 ClientSampleId :
 PB91204BS

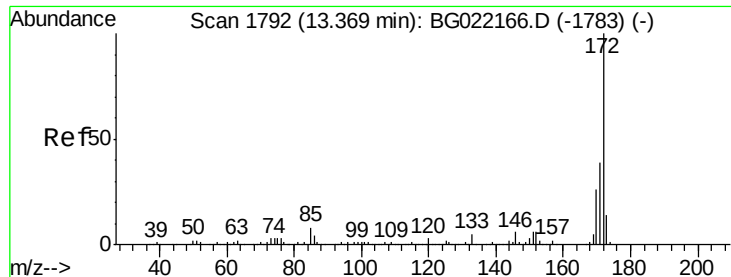
Tgt Ion:196 Resp: 66141
 Ion Ratio Lower Upper
 196 100
 198 93.9 80.1 120.1
 200 29.4 24.1 36.1



#43
 2,4,5-Trichlorophenol
 Concen: 42.80 ng
 RT: 13.26 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BG022319.D
 Acq: 11 Jun 2016 12:37

Tgt Ion:196 Resp: 68914
 Ion Ratio Lower Upper
 196 100
 198 100.1 78.0 117.0
 97 48.0 43.0 64.6
 132 28.7 23.0 34.4

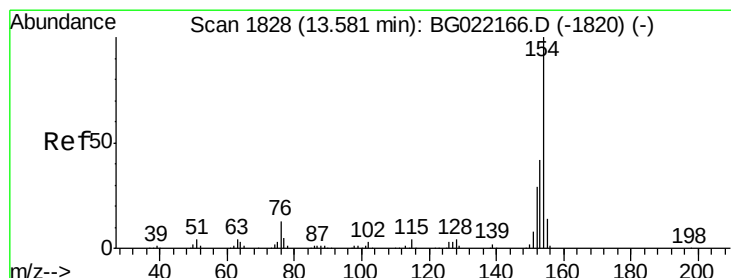
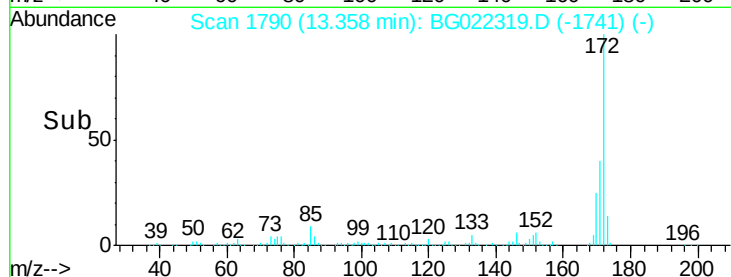
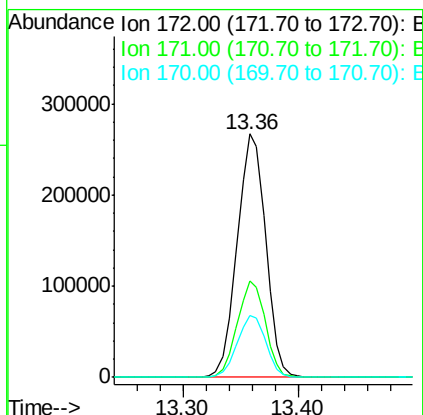
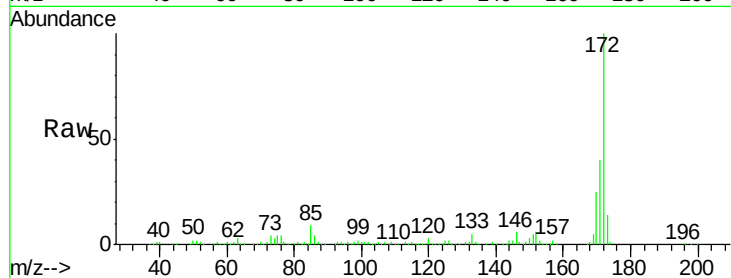




#44
2-Fluorobiphenyl
Concen: 82.47 ng
RT: 13.36 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

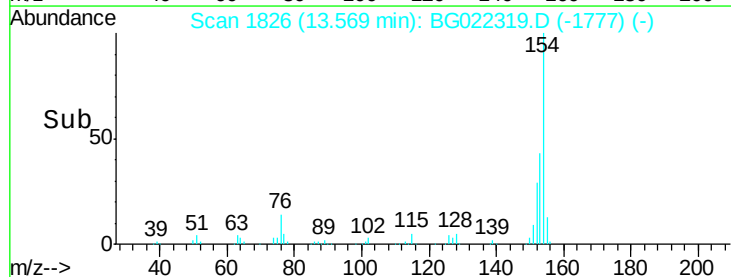
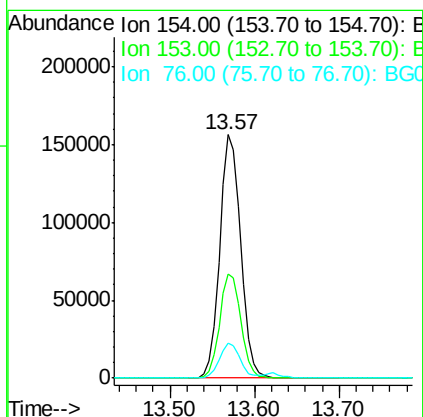
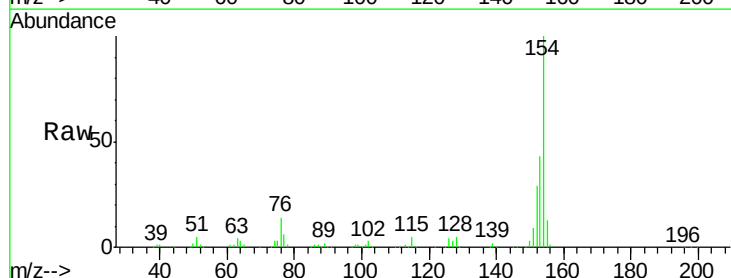
Instrument :
BNA_G
ClientSampleId :
PB91204BS

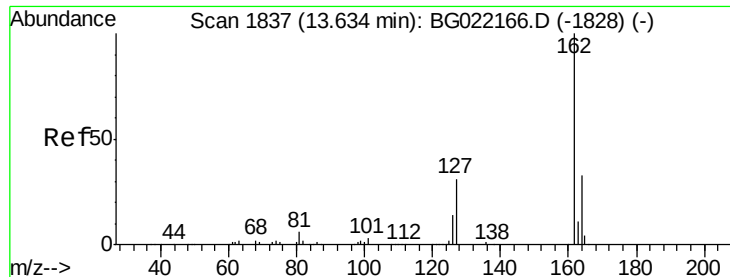
Tgt Ion:172 Resp: 456685
Ion Ratio Lower Upper
172 100
171 39.6 27.8 41.6
170 25.4 19.6 29.4



#45
1,1'-Biphenyl
Concen: 42.50 ng
RT: 13.57 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Tgt Ion:154 Resp: 269902
Ion Ratio Lower Upper
154 100
153 43.0 19.7 59.7
76 14.3 0.0 33.0

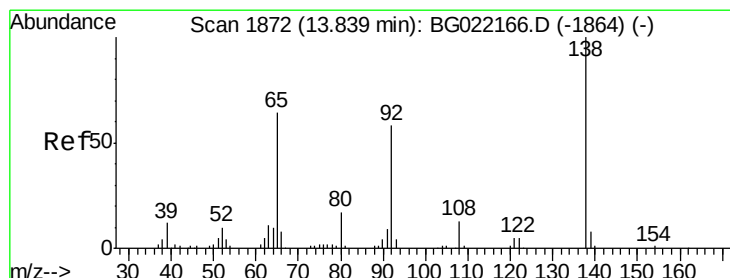
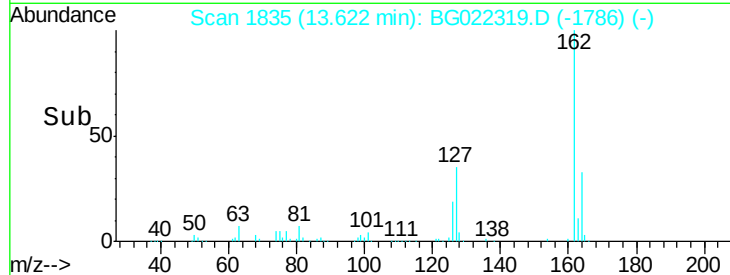
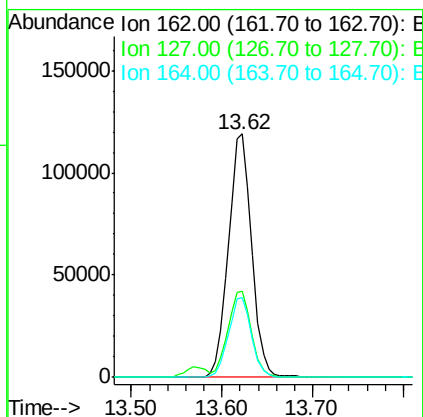
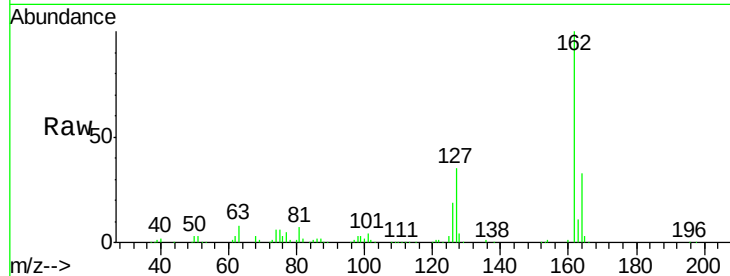




#46
2-Chloronaphthalene
Concen: 43.57 ng
RT: 13.62 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

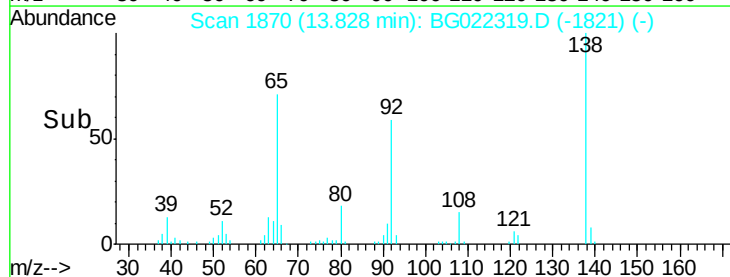
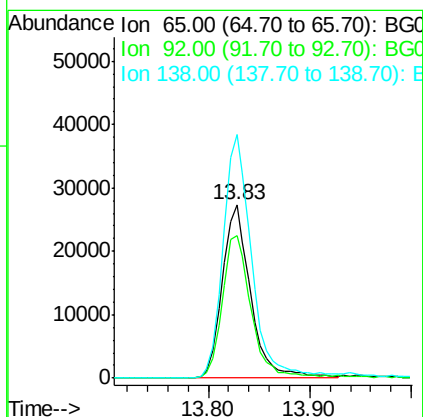
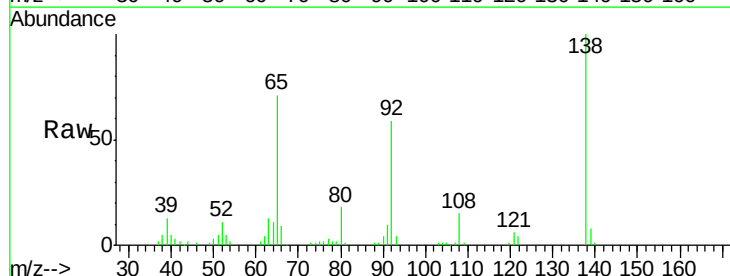
Instrument :
BNA_G
ClientSampleId :
PB91204BS

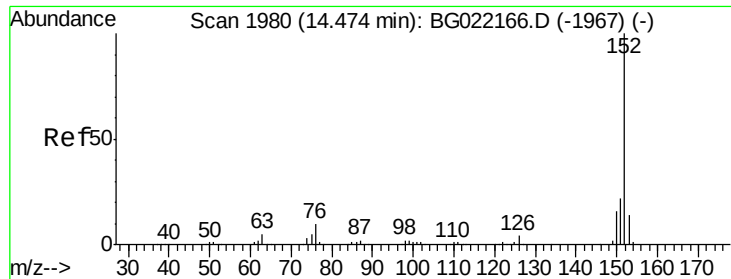
Tgt Ion: 162 Resp: 212125
Ion Ratio Lower Upper
162 100
127 35.2 32.0 48.0
164 33.0 27.0 40.4



#47
2-Nitroaniline
Concen: 45.79 ng
RT: 13.83 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Tgt Ion: 65 Resp: 53161
Ion Ratio Lower Upper
65 100
92 82.3 49.2 73.8#
138 140.3 75.0 112.6#





#48

Acenaphthylene

Concen: 42.03 ng

RT: 14.46 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

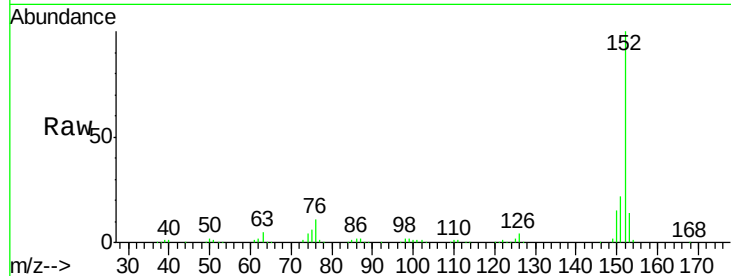
Tgt Ion:152 Resp: 359023

Ion Ratio Lower Upper

152 100

151 22.1 16.6 24.8

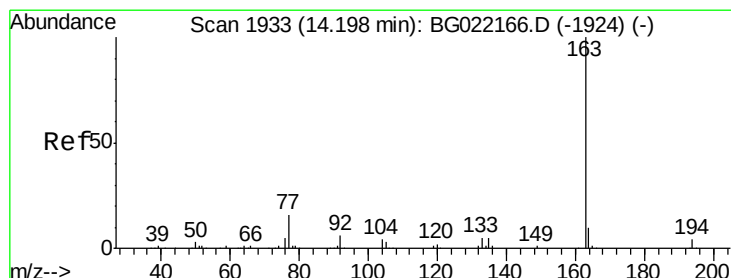
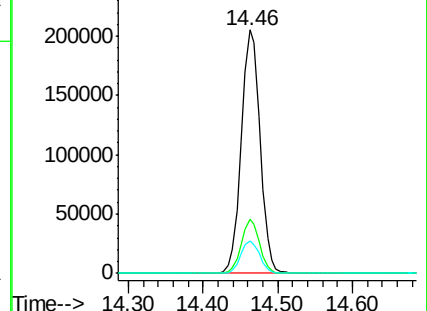
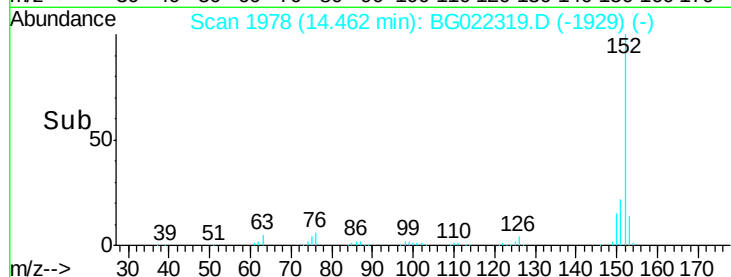
153 13.5 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 38.86 ng

RT: 14.19 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

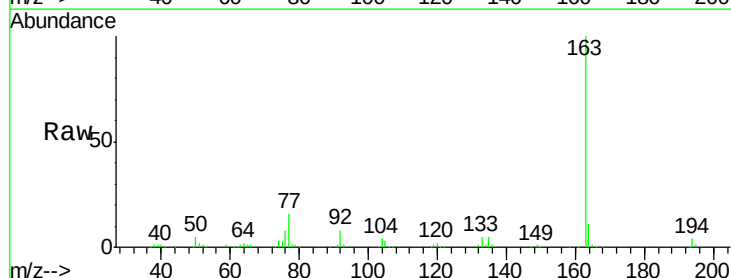
Tgt Ion:163 Resp: 271945

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

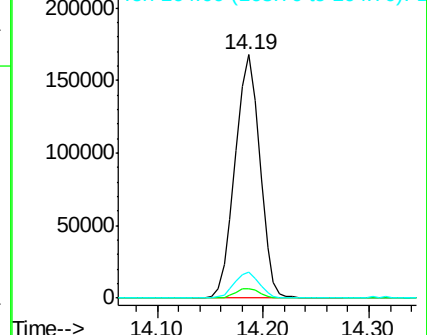
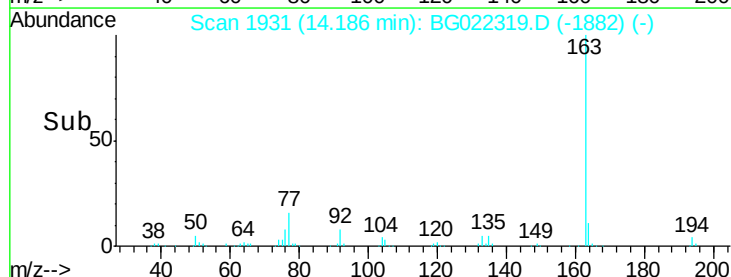
164 10.7 8.1 12.1

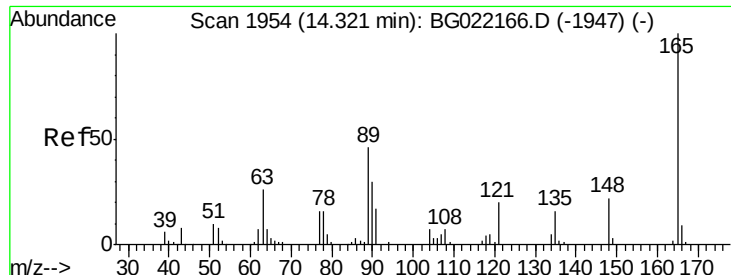


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

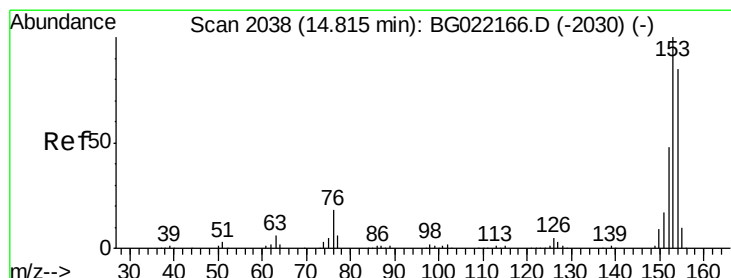
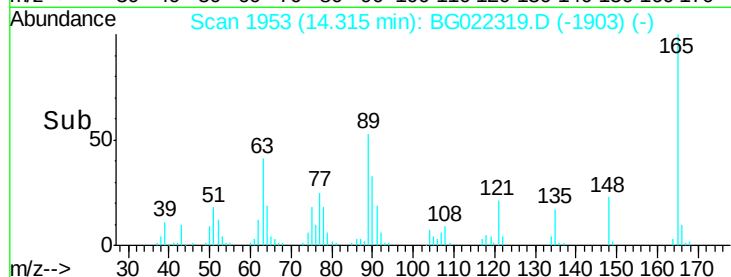
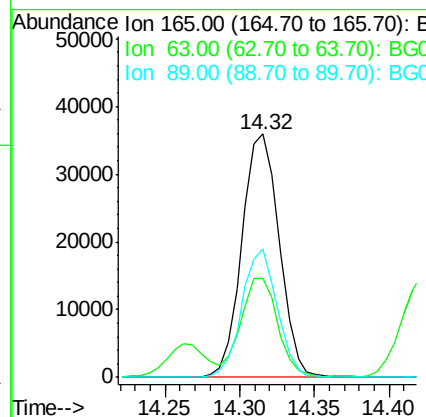
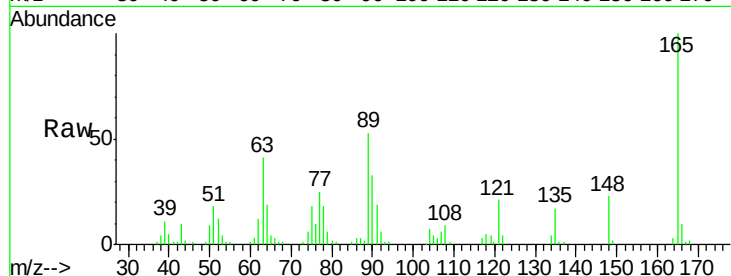




#50
2,6-Dinitrotoluene
Concen: 40.91 ng
RT: 14.32 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

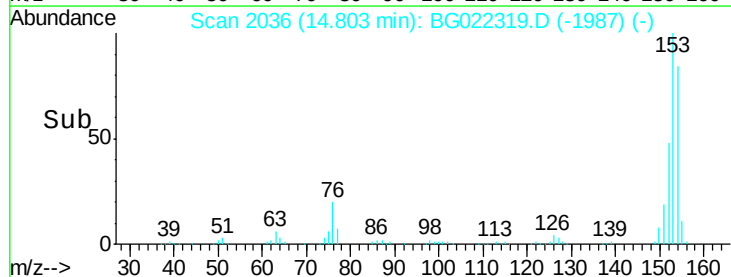
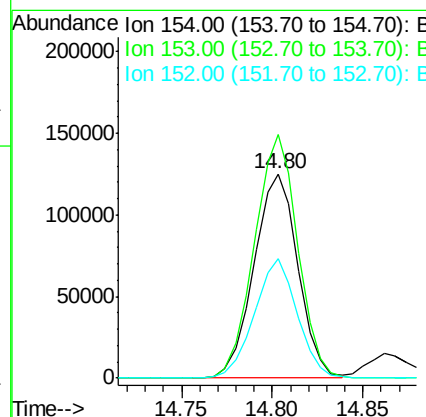
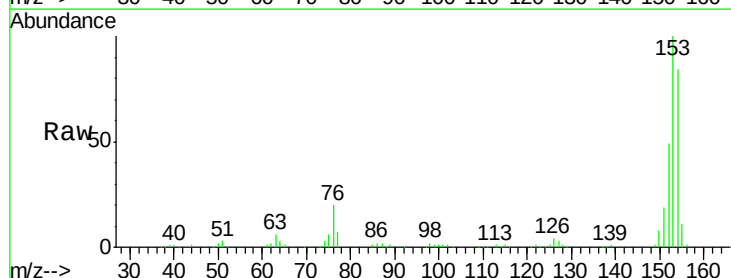
Instrument :
BNA_G
ClientSampleId :
PB91204BS

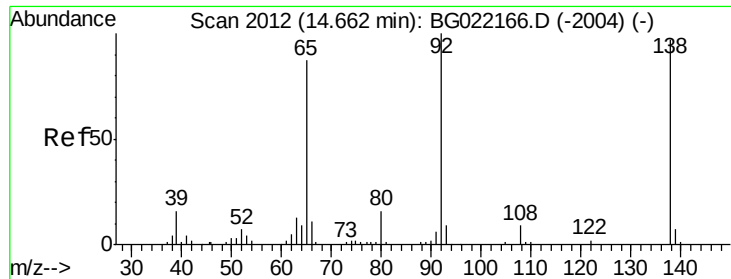
Tgt Ion:165 Resp: 62224
Ion Ratio Lower Upper
165 100
63 40.7 48.2 72.4#
89 52.8 45.3 67.9



#51
Acenaphthene
Concen: 41.34 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Tgt Ion:154 Resp: 211598
Ion Ratio Lower Upper
154 100
153 119.1 91.9 137.9
152 58.2 42.0 63.0

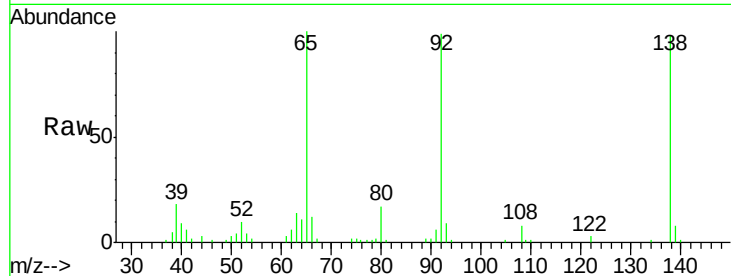




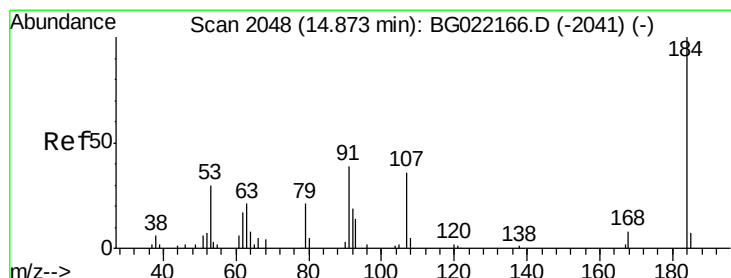
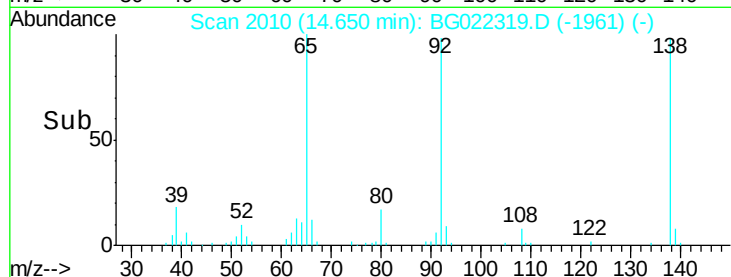
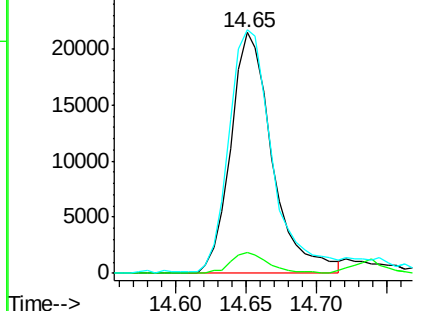
#52
 3-Nitroaniline
 Concen: 26.15 ng
 RT: 14.65 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BG022319.D
 Acq: 11 Jun 2016 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB91204BS

Tgt Ion:138 Resp: 44124
 Ion Ratio Lower Upper
 138 100
 108 8.7 9.1 13.7#
 92 101.1 102.6 154.0#

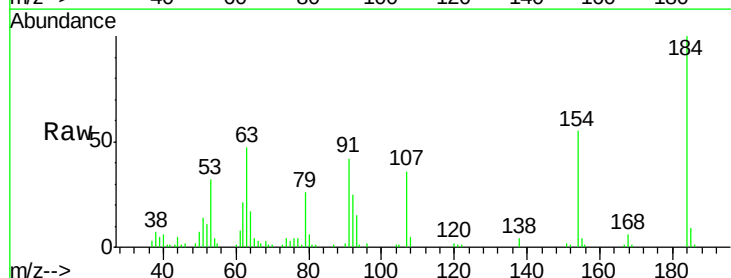


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

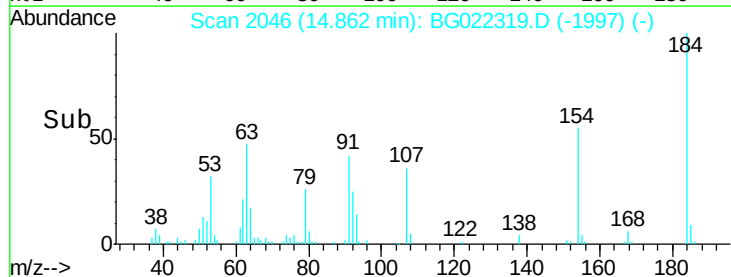
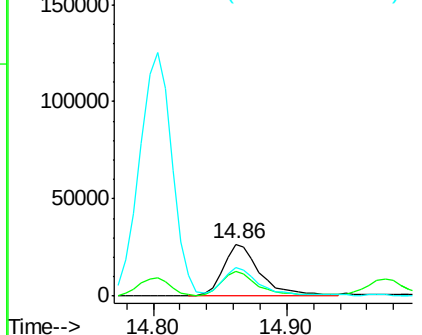


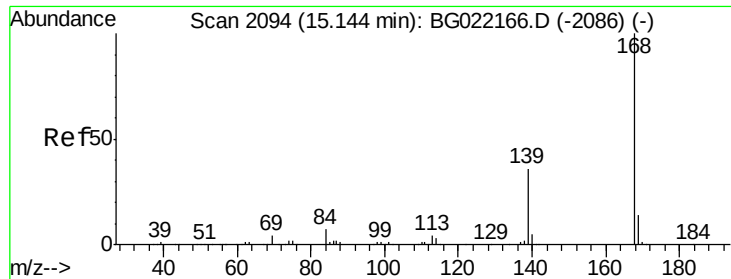
#53
 2,4-Dinitrophenol
 Concen: 82.95 ng
 RT: 14.86 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG022319.D
 Acq: 11 Jun 2016 12:37

Tgt Ion:184 Resp: 51813
 Ion Ratio Lower Upper
 184 100
 63 46.9 57.3 85.9#
 154 55.4 55.2 82.8



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 41.01 ng

RT: 15.14 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

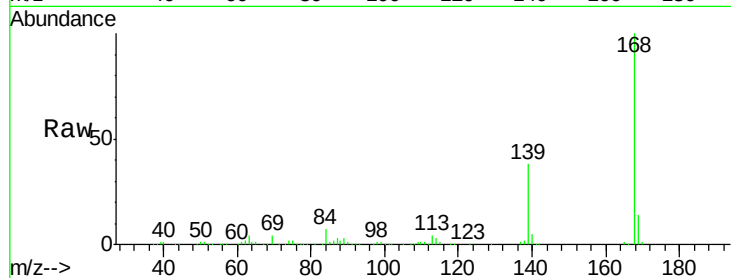
Tgt Ion:168 Resp: 327545

Ion Ratio Lower Upper

168 100

139 37.8 31.1 46.7

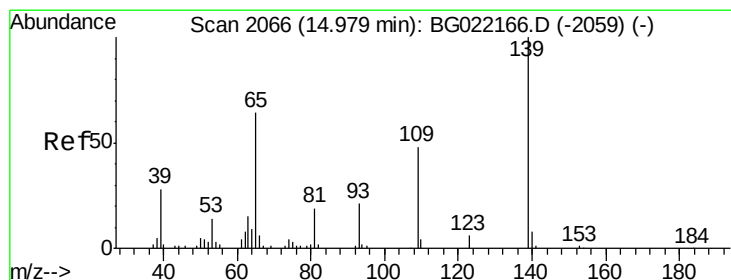
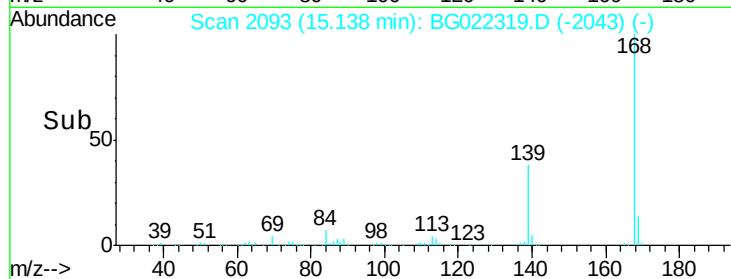
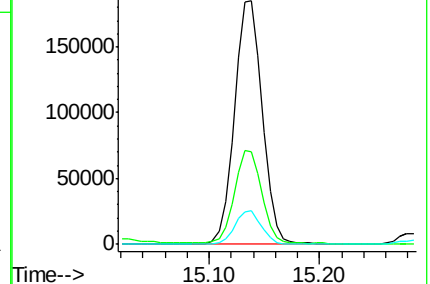
169 13.6 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 85.86 ng

RT: 14.97 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

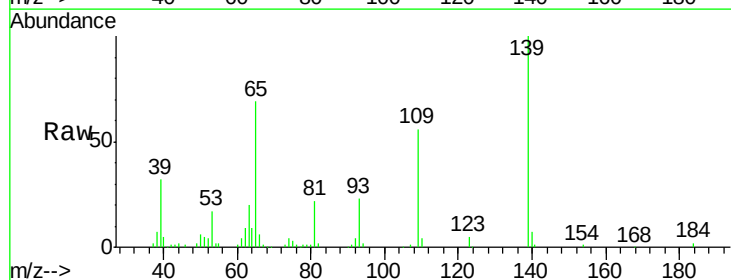
Tgt Ion:139 Resp: 99979

Ion Ratio Lower Upper

139 100

109 56.2 49.2 89.2

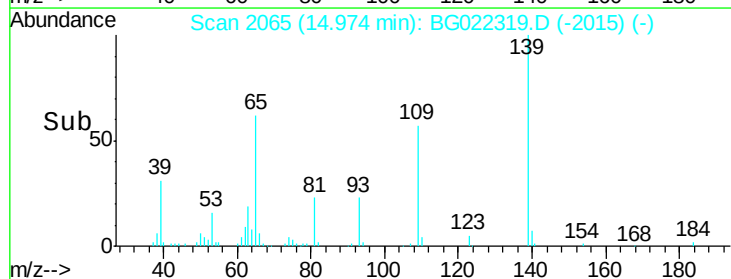
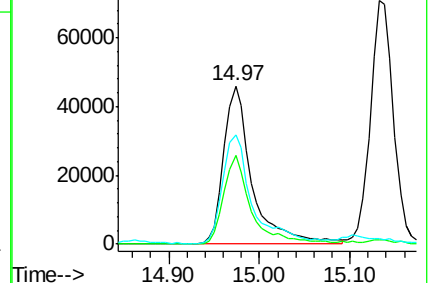
65 69.0 83.2 123.2#

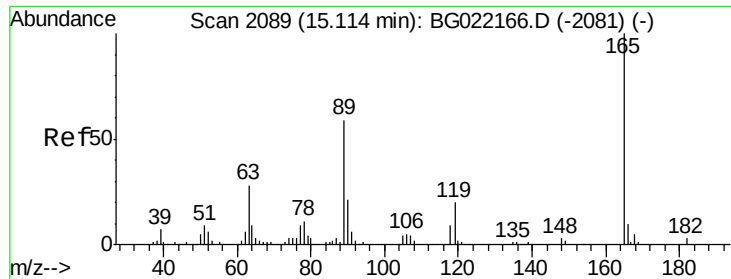


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO





#56

2,4-Dinitrotoluene

Concen: 42.23 ng

RT: 15.11 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

Tgt Ion:165 Resp: 86172

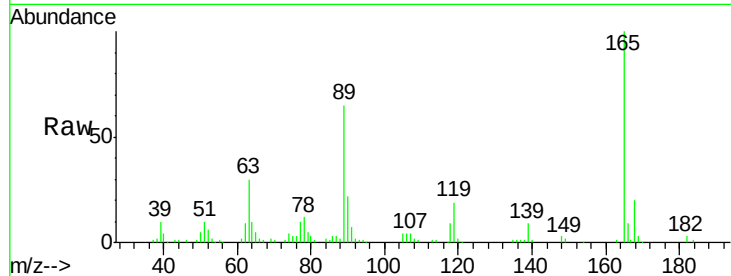
Ion Ratio Lower Upper

165 100

63 29.7 37.4 56.0#

89 64.9 59.4 89.0

182 2.9 2.1 3.1

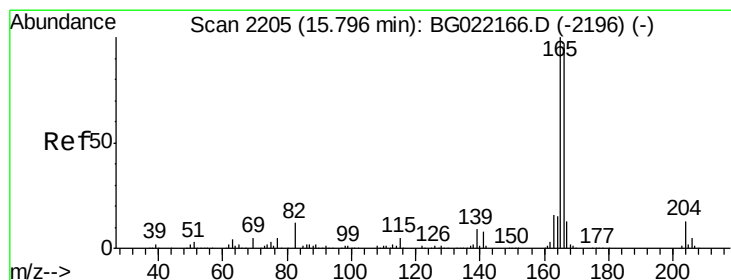
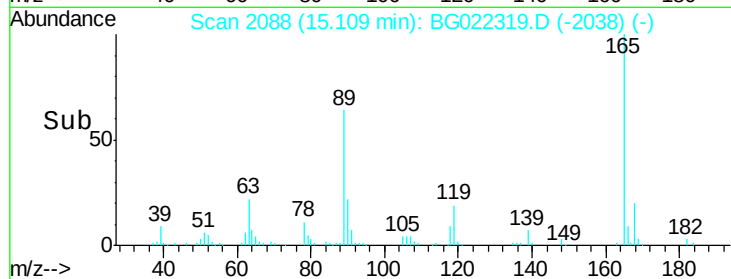
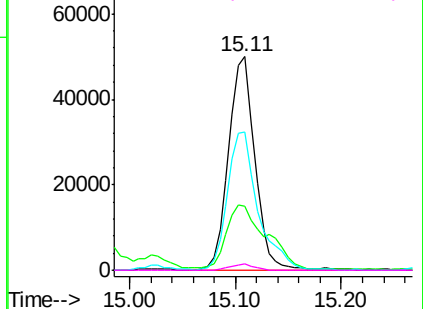


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 41.06 ng

RT: 15.78 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

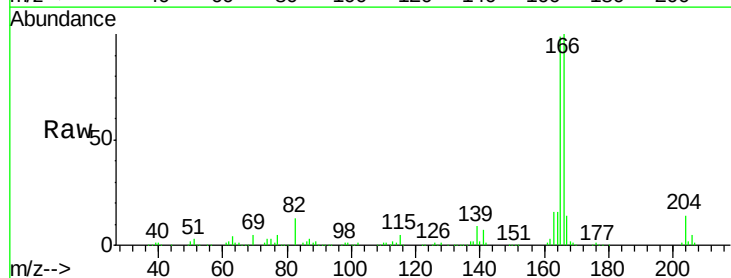
Tgt Ion:166 Resp: 282527

Ion Ratio Lower Upper

166 100

165 99.1 79.0 118.4

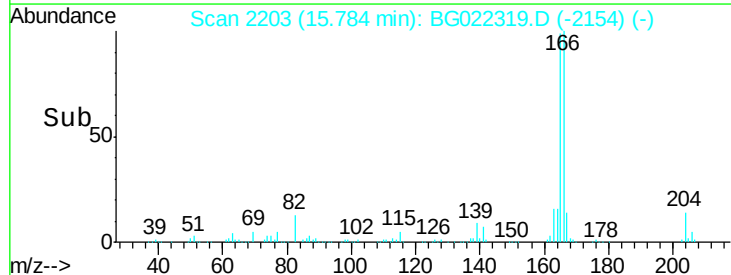
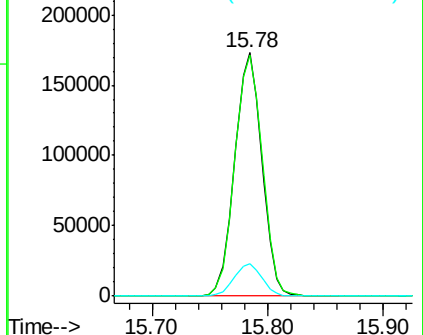
167 13.6 10.7 16.1

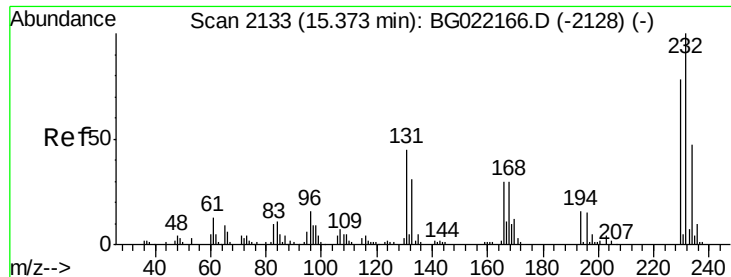


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

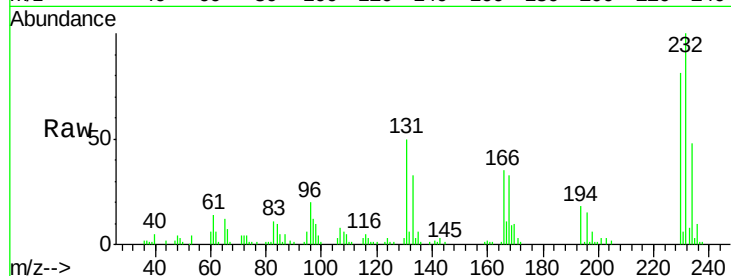




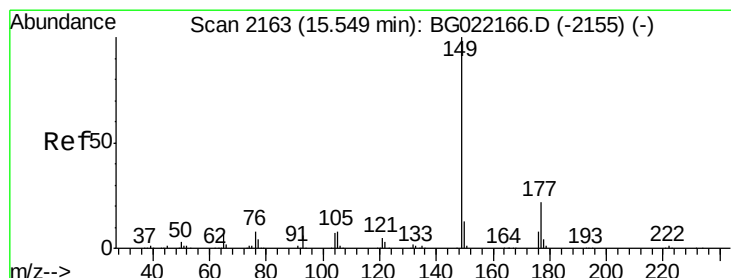
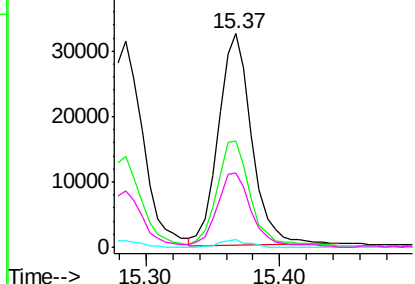
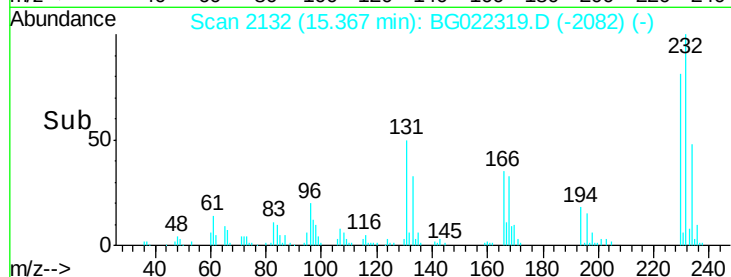
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.08 ng
 RT: 15.37 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BG022319.D
 Acq: 11 Jun 2016 12:37

Instrument :
 BNA_G
 ClientSampleId :
 PB91204BS

Tgt Ion: 232 Resp: 56442
 Ion Ratio Lower Upper
 232 100
 131 50.9 36.3 54.5
 130 3.1 1.9 2.9#
 166 34.1 25.0 37.4

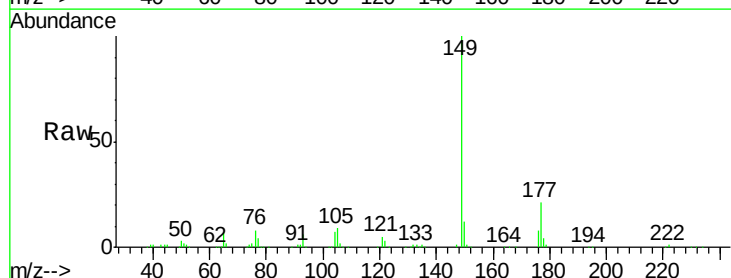


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

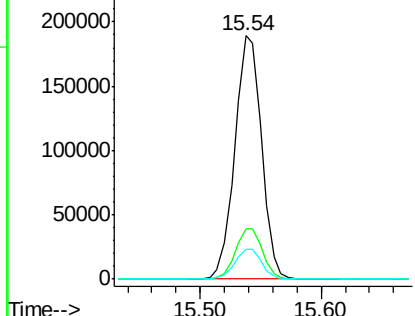
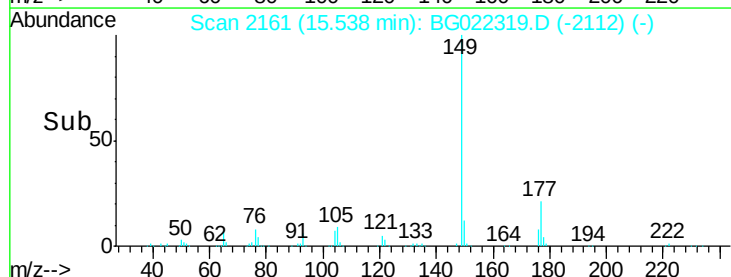


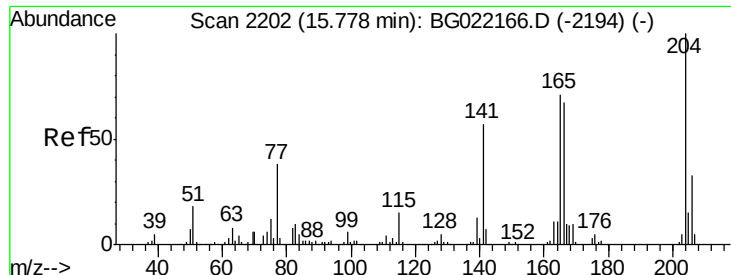
#59
 Diethylphthalate
 Concen: 39.02 ng
 RT: 15.54 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG022319.D
 Acq: 11 Jun 2016 12:37

Tgt Ion: 149 Resp: 291677
 Ion Ratio Lower Upper
 149 100
 177 20.8 17.3 25.9
 150 12.1 9.7 14.5



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

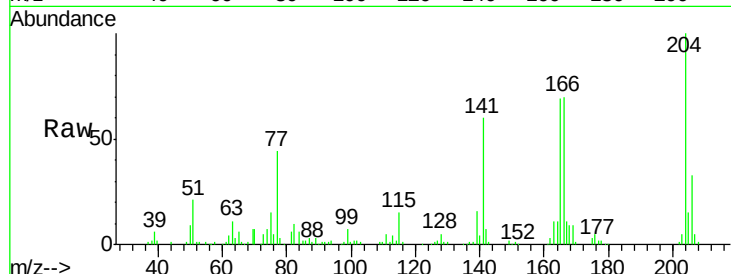




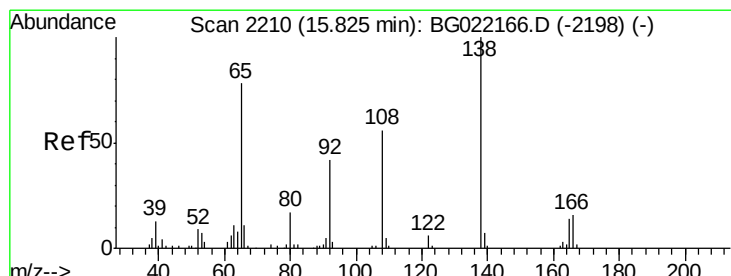
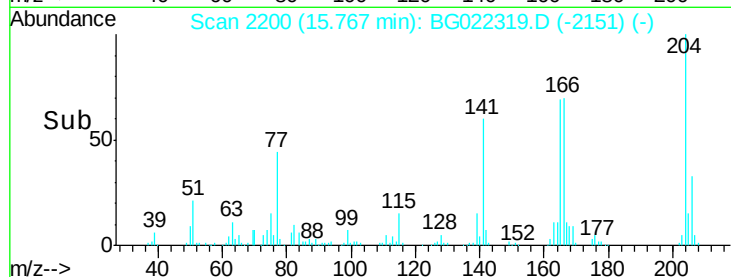
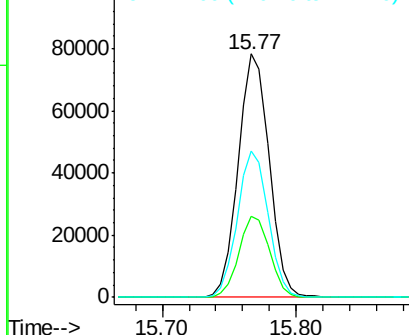
#60
4-Chlorophenyl-phenylether
Concen: 40.25 ng
RT: 15.77 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Instrument :
BNA_G
ClientSampleId :
PB91204BS

Tgt Ion:204 Resp: 125422
Ion Ratio Lower Upper
204 100
206 33.5 27.8 41.8
141 60.3 51.0 76.4

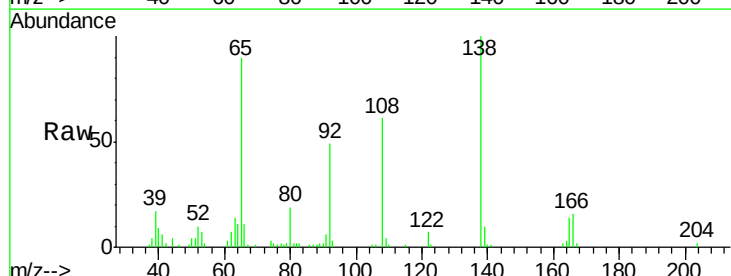


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

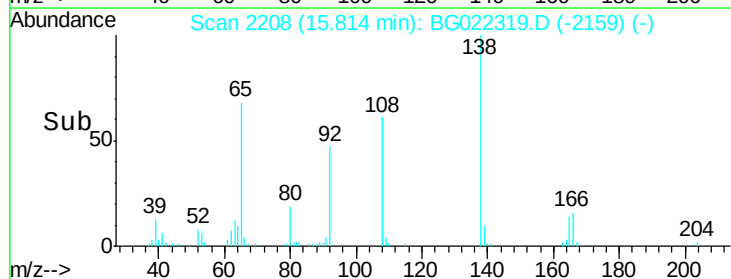
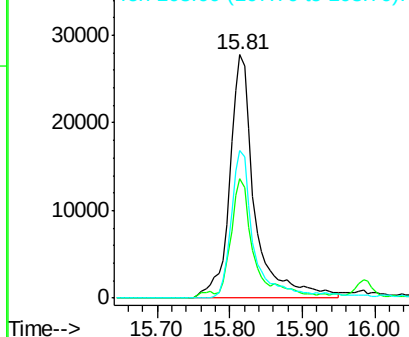


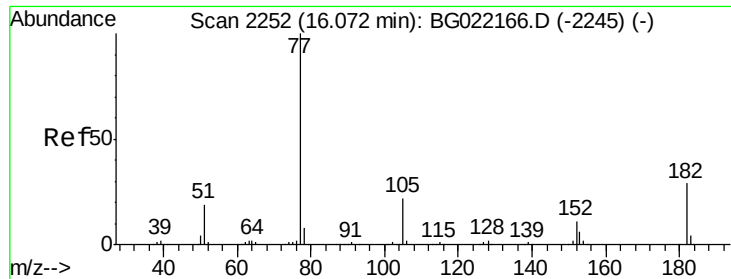
#61
4-Nitroaniline
Concen: 37.26 ng
RT: 15.81 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Tgt Ion:138 Resp: 66669
Ion Ratio Lower Upper
138 100
92 49.3 37.7 77.7
108 60.5 59.4 99.4



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





#62

Azobenzene

Concen: 44.66 ng

RT: 16.06 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

Tgt Ion: 77 Resp: 252778

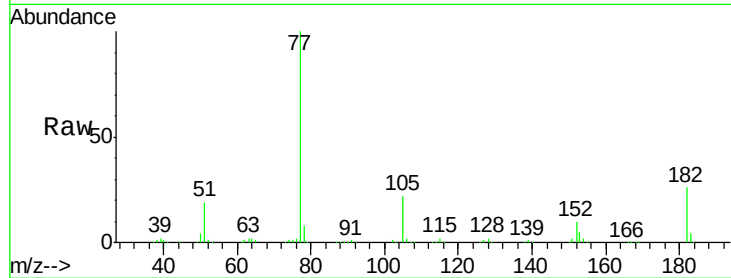
Ion Ratio Lower Upper

77 100

182 25.7 4.1 44.1

105 21.6 0.0 39.8

51 19.2 11.1 51.1

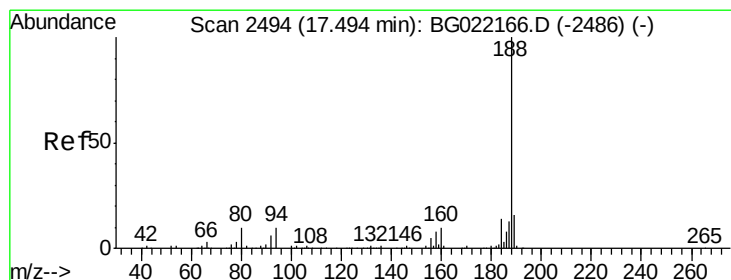
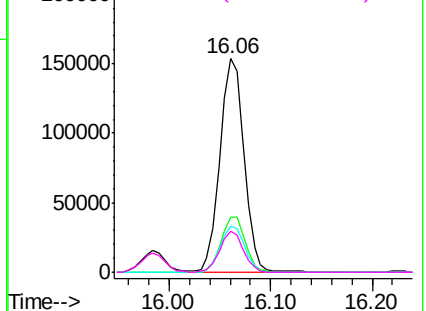
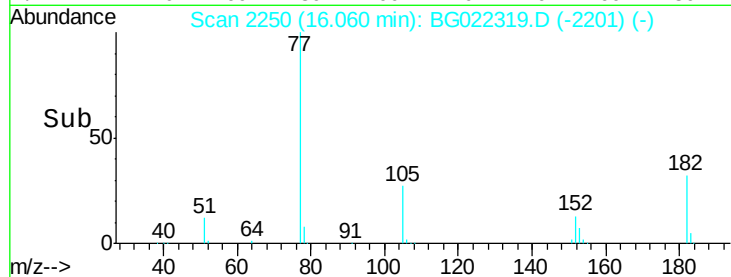


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

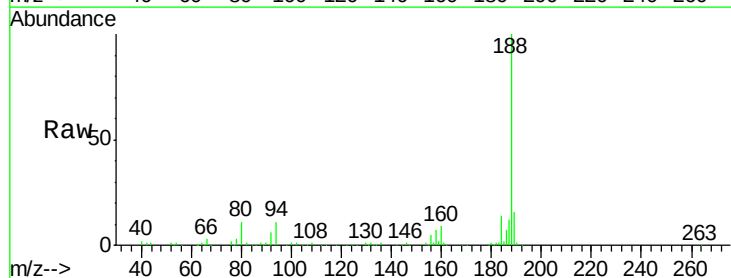
Tgt Ion: 188 Resp: 181089

Ion Ratio Lower Upper

188 100

94 10.8 7.5 11.3

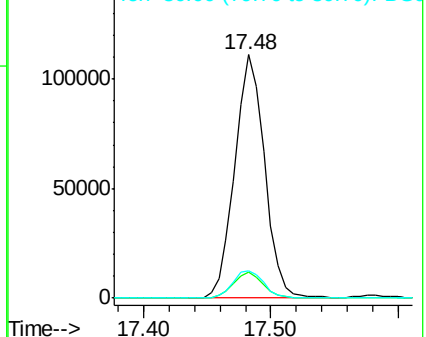
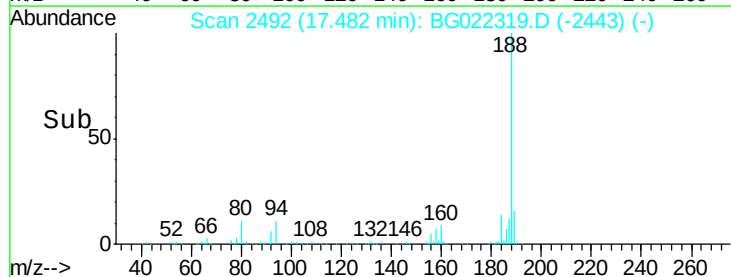
80 11.0 8.6 13.0

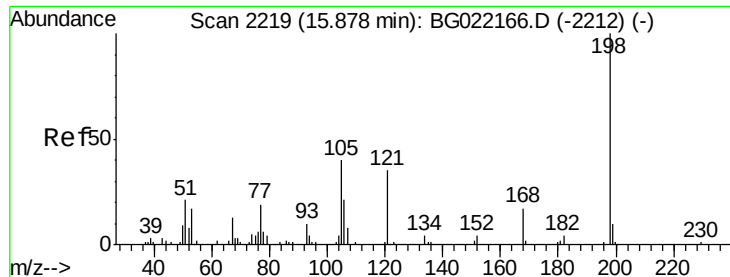


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

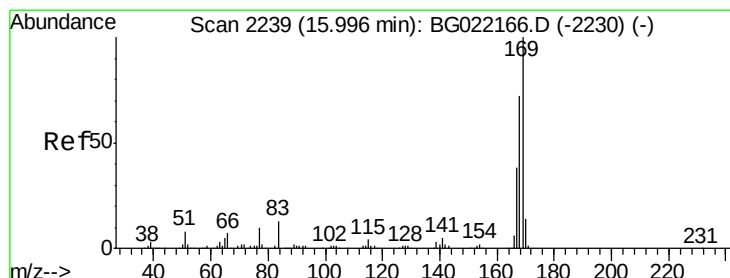
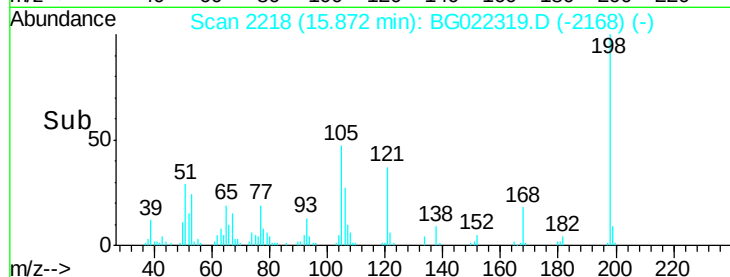
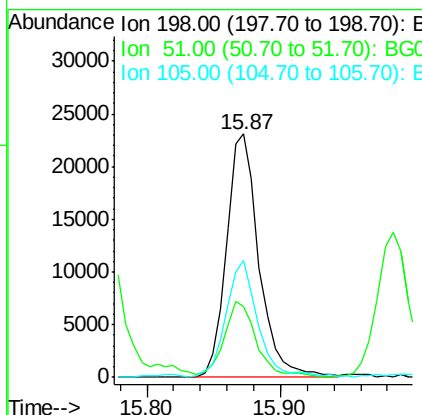
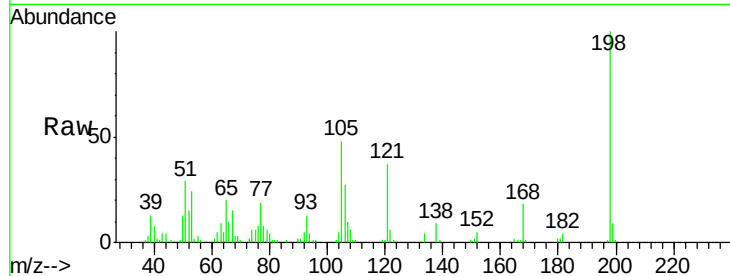




#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.29 ng
 RT: 15.87 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BG022319.D
 Acq: 11 Jun 2016 12:37

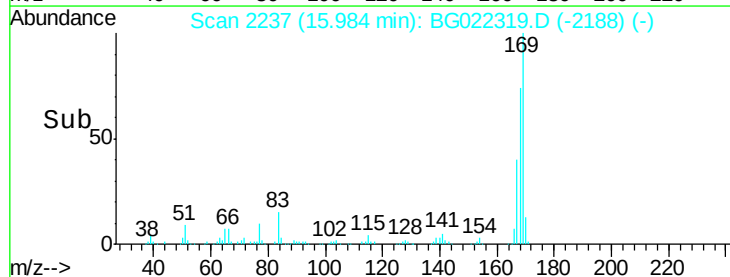
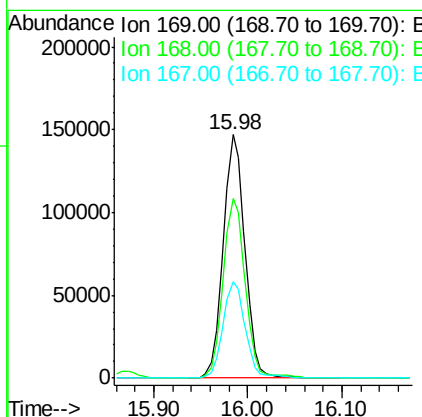
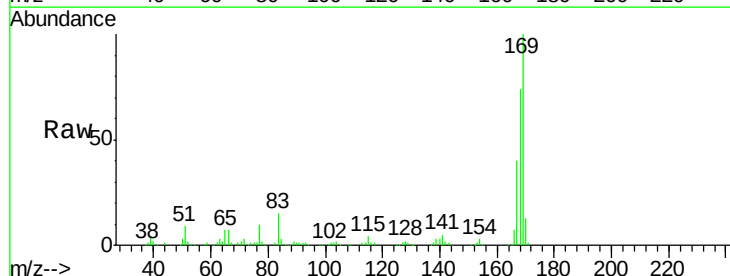
Instrument :
 BNA_G
 ClientSampleId :
 PB91204BS

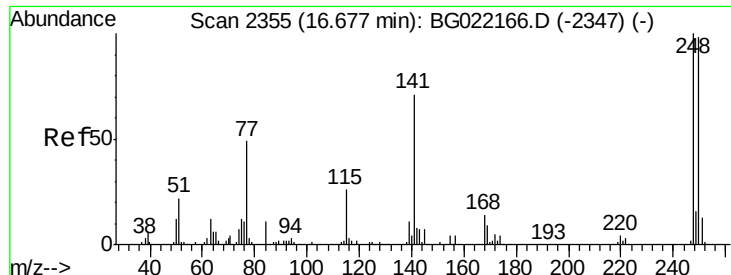
Tgt Ion	Ratio	Lower	Upper
198	100		
51	29.2	29.2	69.2
105	48.0	24.0	64.0



#65
 n-Nitrosodiphenylamine
 Concen: 45.28 ng
 RT: 15.98 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BG022319.D
 Acq: 11 Jun 2016 12:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.7	59.6	89.4
167	39.9	31.2	46.8

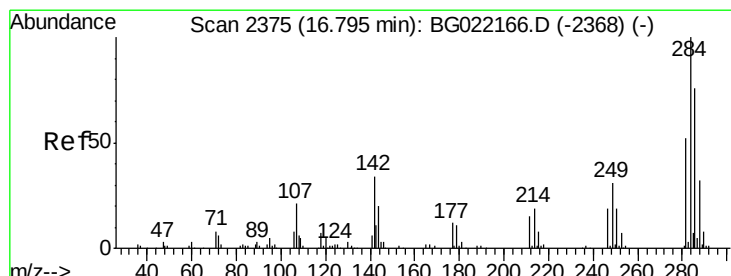
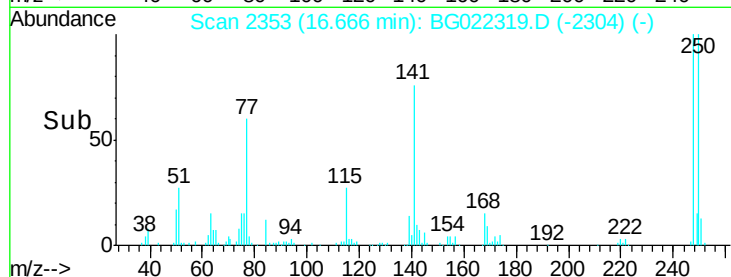
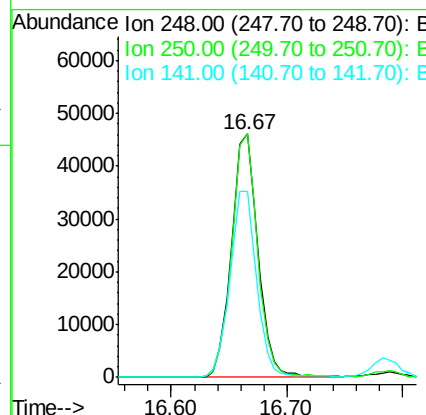
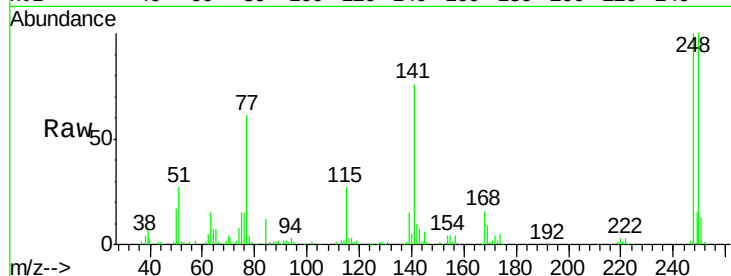




#66
4-Bromophenyl-phenylether
Concen: 43.27 ng
RT: 16.67 min Scan# 2353
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

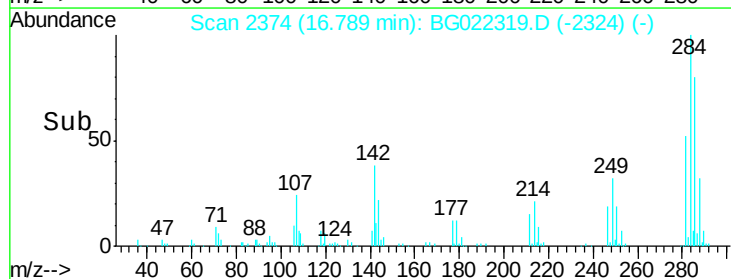
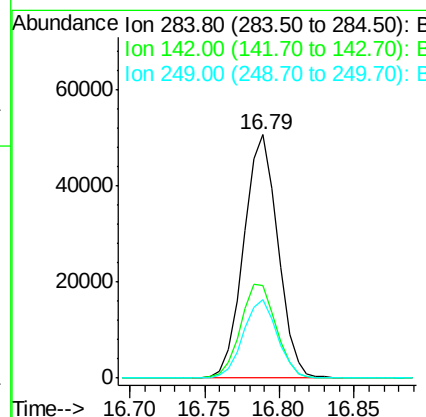
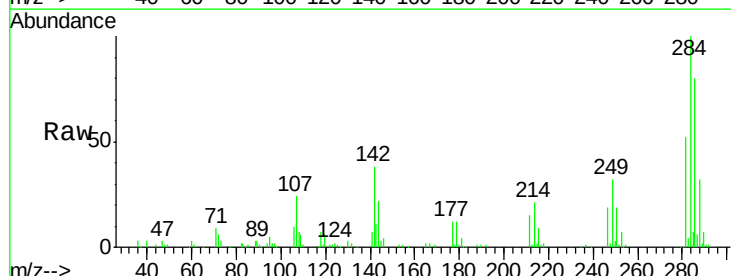
Instrument :
BNA_G
ClientSampleId :
PB91204BS

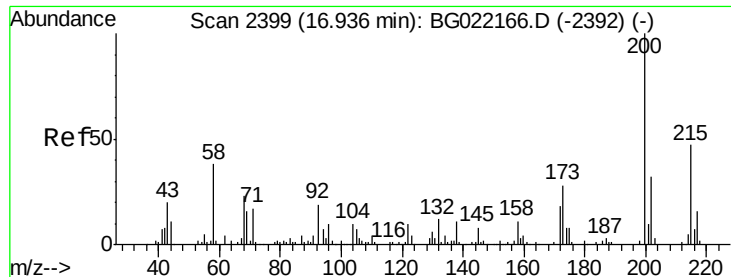
Tgt Ion:248 Resp: 73425
Ion Ratio Lower Upper
248 100
250 100.2 76.6 114.8
141 76.6 63.8 95.6



#67
Hexachlorobenzene
Concen: 40.49 ng
RT: 16.79 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Tgt Ion:284 Resp: 80071
Ion Ratio Lower Upper
284 100
142 38.2 31.8 47.6
249 34.7 27.3 40.9





#68

Atrazine

Concen: 38.87 ng

RT: 16.92 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

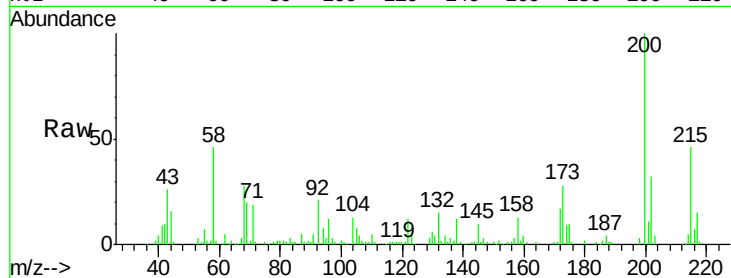
Tgt Ion:200 Resp: 75051

Ion Ratio Lower Upper

200 100

173 27.6 5.1 45.1

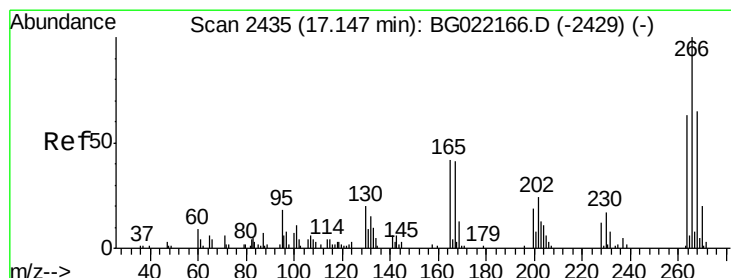
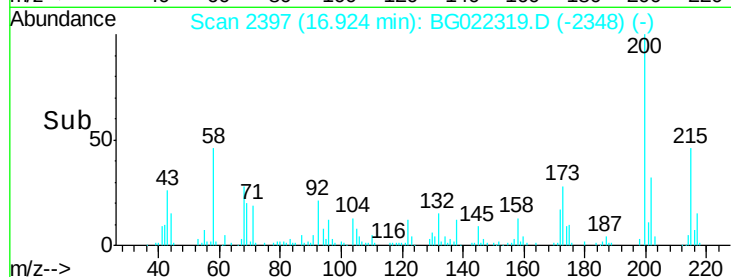
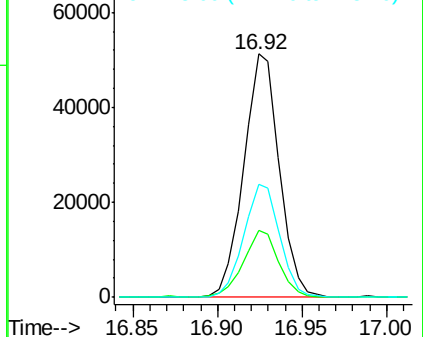
215 46.2 28.0 68.0



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: 86.84 ng

RT: 17.14 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

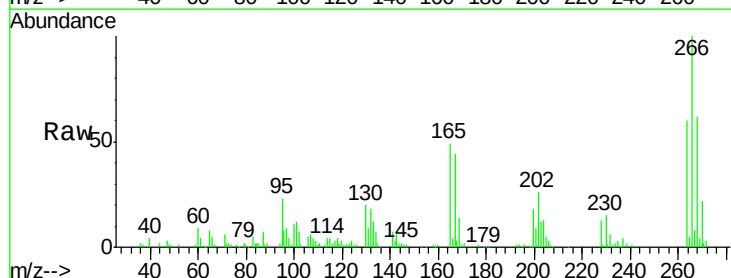
Tgt Ion:266 Resp: 78427

Ion Ratio Lower Upper

266 100

268 66.2 54.5 81.7

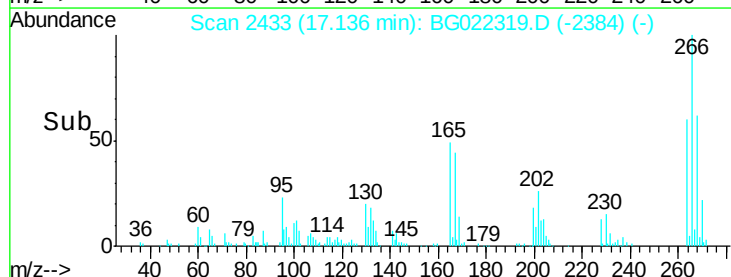
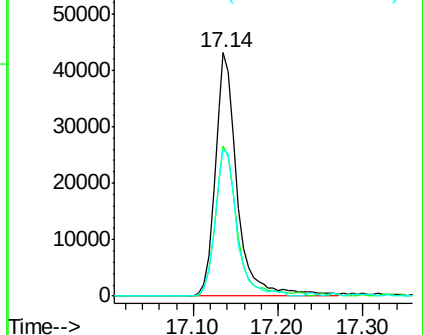
264 64.9 53.8 80.6

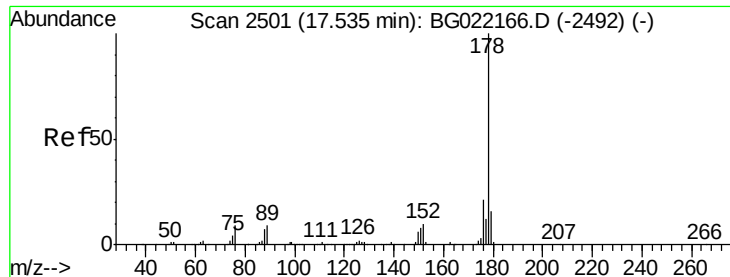


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 42.72 ng

RT: 17.53 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

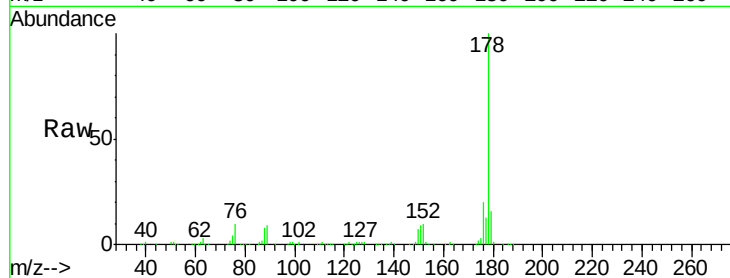
Tgt Ion:178 Resp: 420200

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

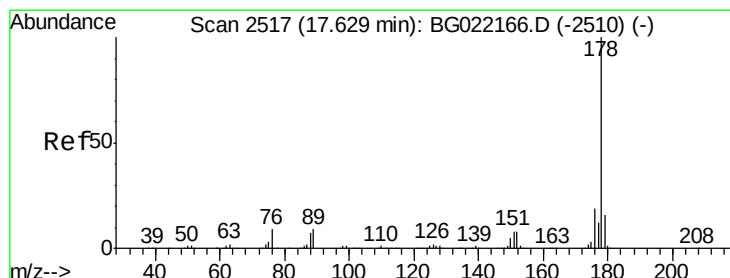
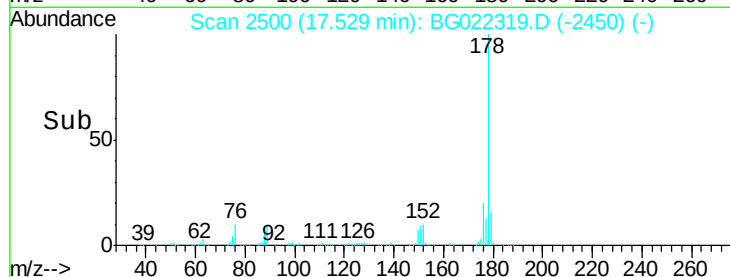
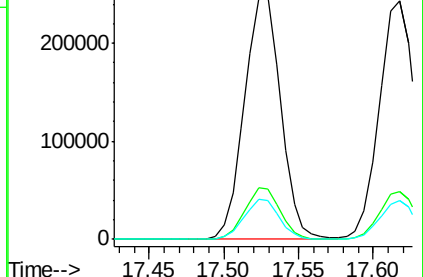
179 16.0 12.0 18.0



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: 42.97 ng

RT: 17.62 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

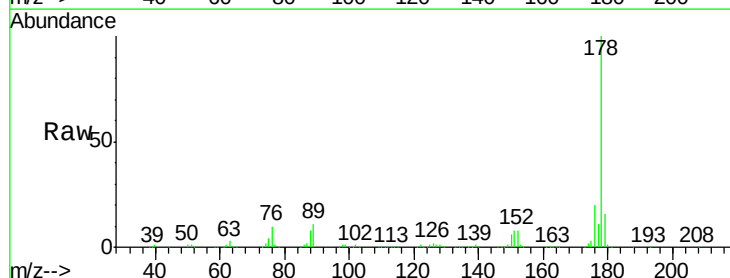
Tgt Ion:178 Resp: 419194

Ion Ratio Lower Upper

178 100

176 19.9 15.0 22.4

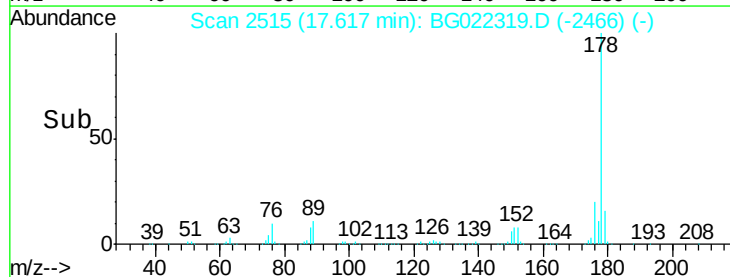
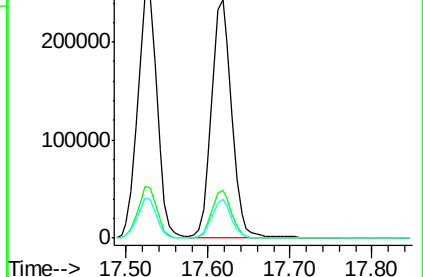
179 16.3 12.2 18.4

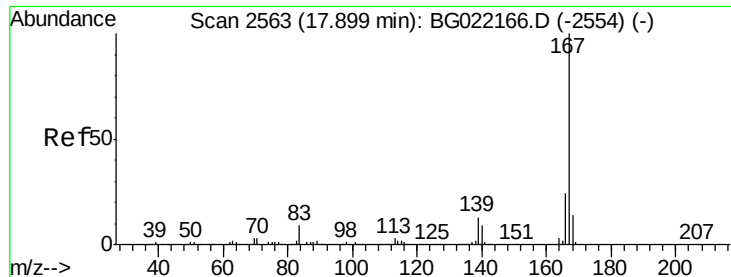


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 41.15 ng

RT: 17.89 min Scan# 2561

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

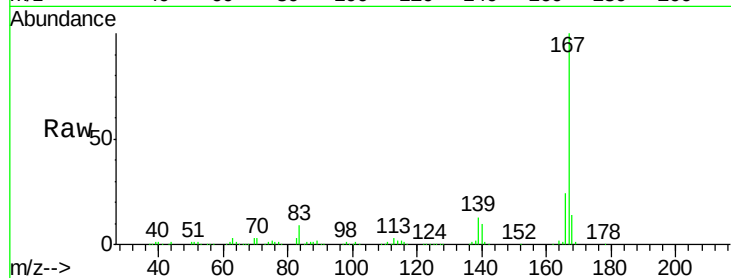
Tgt Ion:167 Resp: 380168

Ion Ratio Lower Upper

167 100

166 24.0 18.6 27.8

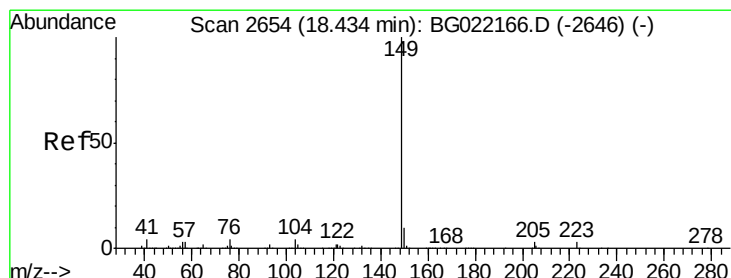
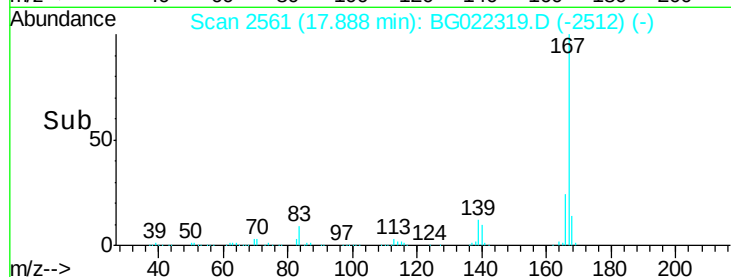
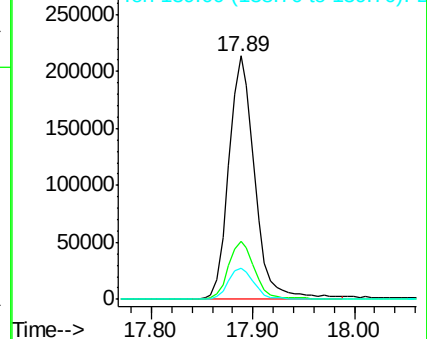
139 12.9 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 42.42 ng

RT: 18.42 min Scan# 2652

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

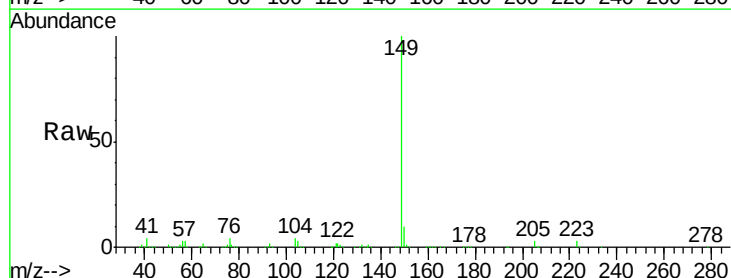
Tgt Ion:149 Resp: 512400

Ion Ratio Lower Upper

149 100

150 9.8 7.4 11.0

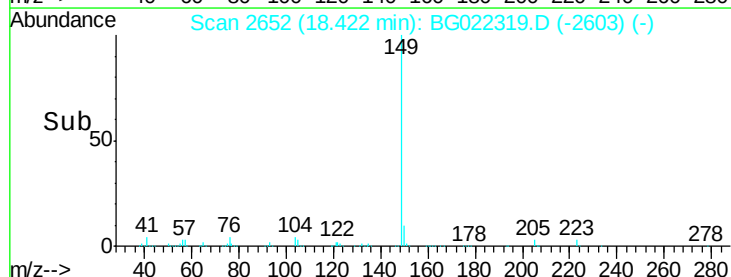
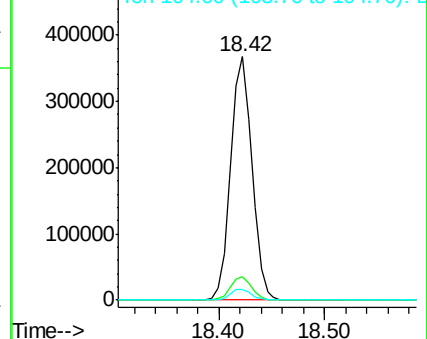
104 4.2 4.0 6.0

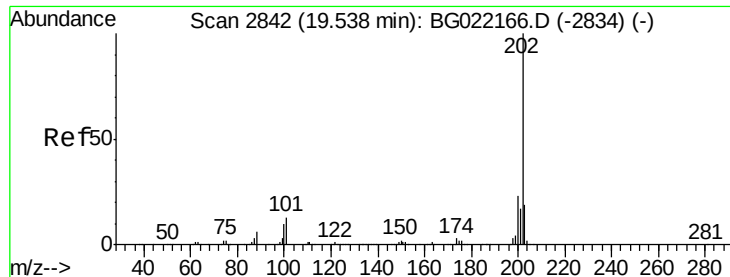


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 40.39 ng

RT: 19.53 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

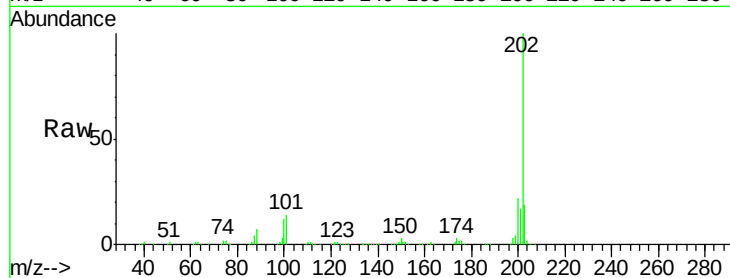
Tgt Ion:202 Resp: 456639

Ion Ratio Lower Upper

202 100

101 14.3 0.0 31.0

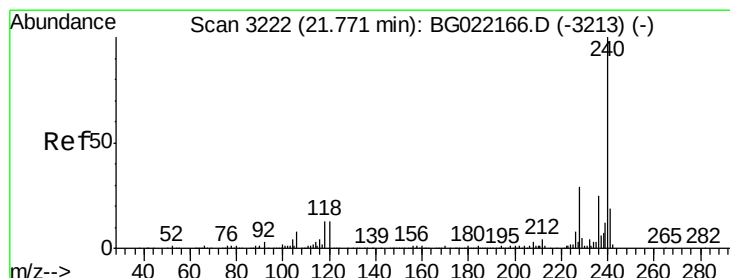
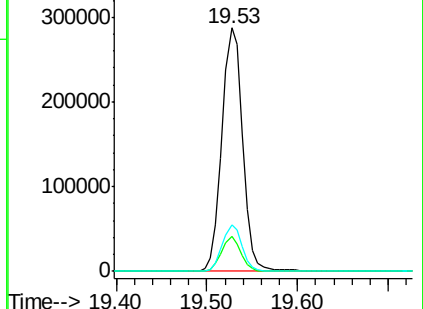
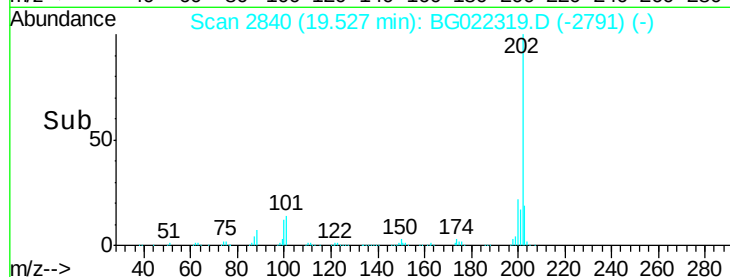
203 19.0 0.0 37.9



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: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

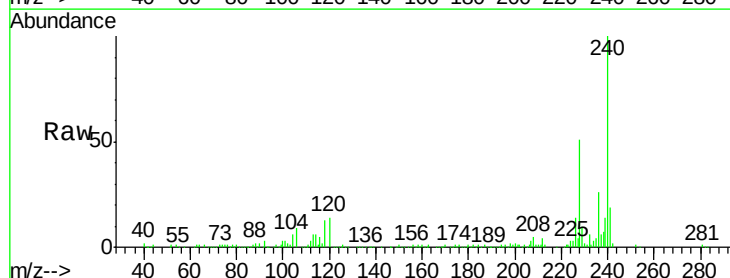
Tgt Ion:240 Resp: 156255

Ion Ratio Lower Upper

240 100

120 13.7 8.4 12.6#

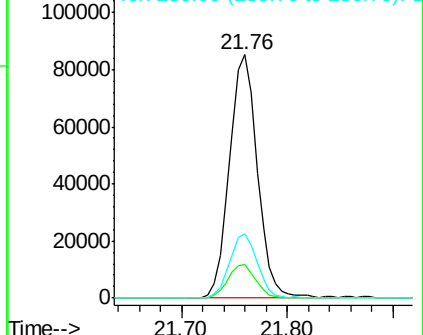
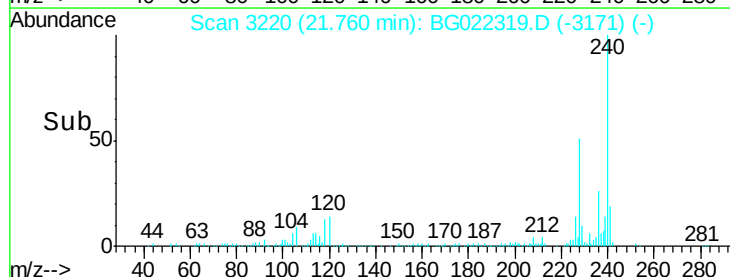
236 26.2 19.6 29.4

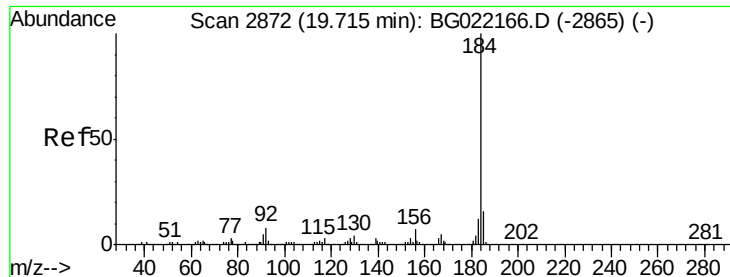


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 43.77 ng

RT: 19.71 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

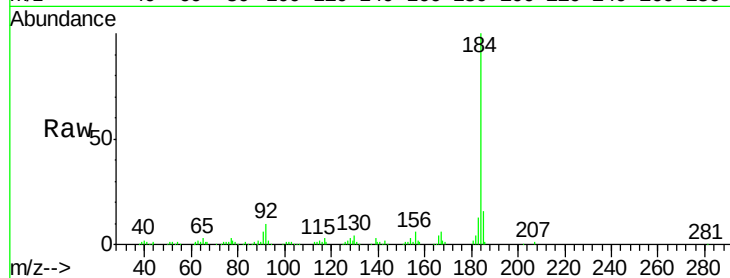
Tgt Ion:184 Resp: 178843

Ion Ratio Lower Upper

184 100

185 15.8 11.5 17.3

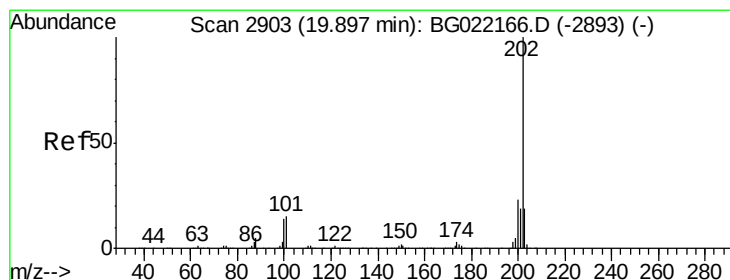
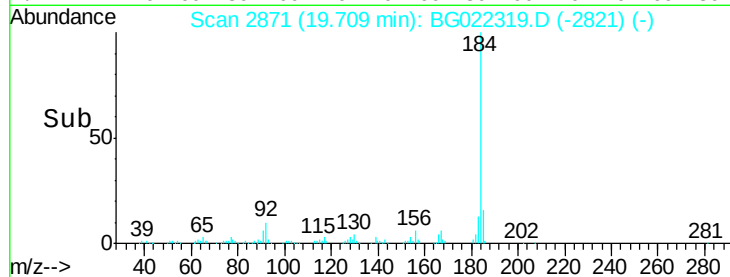
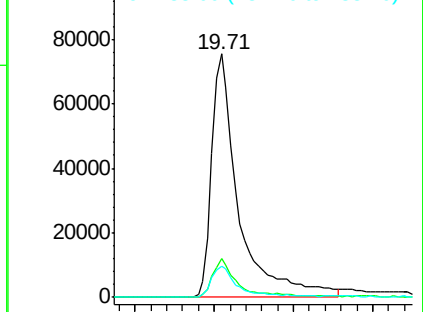
183 12.9 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 46.24 ng

RT: 19.89 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

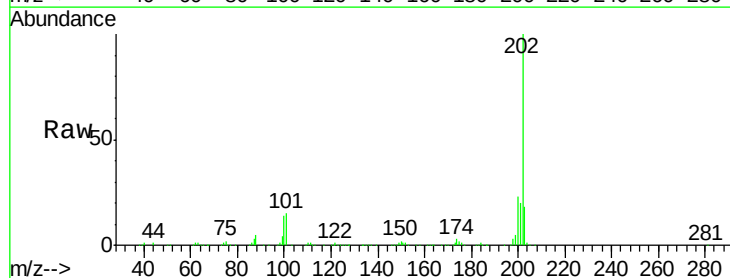
Tgt Ion:202 Resp: 449215

Ion Ratio Lower Upper

202 100

200 22.6 18.2 27.2

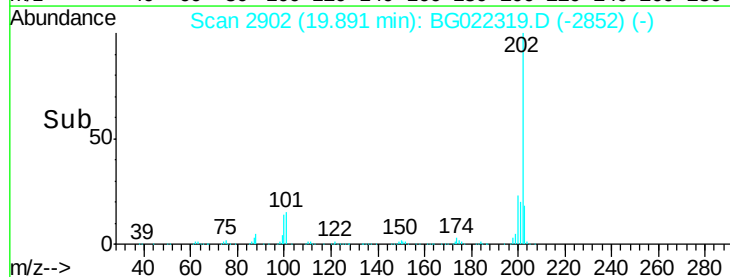
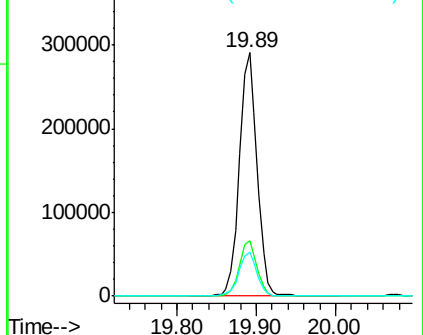
203 18.2 15.0 22.4

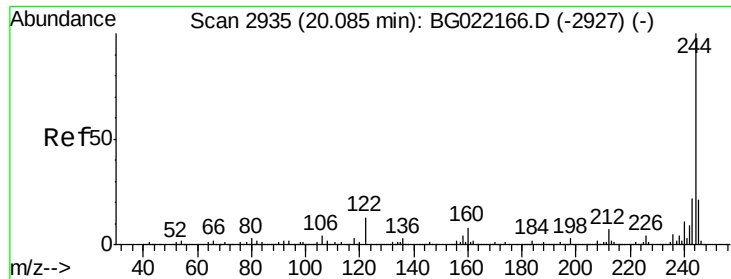


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 89.83 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

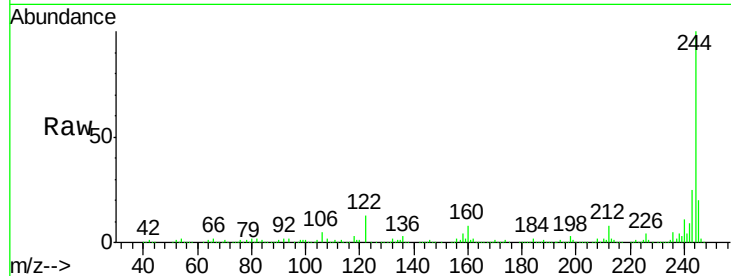
Tgt Ion:244 Resp: 591226

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

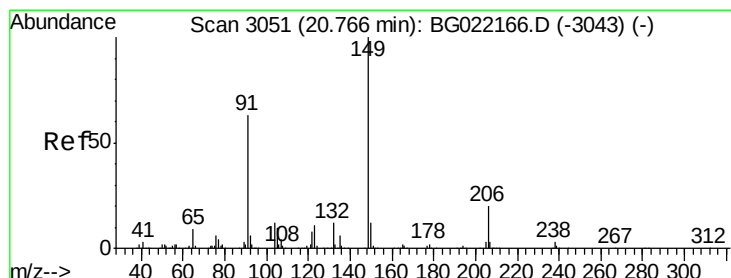
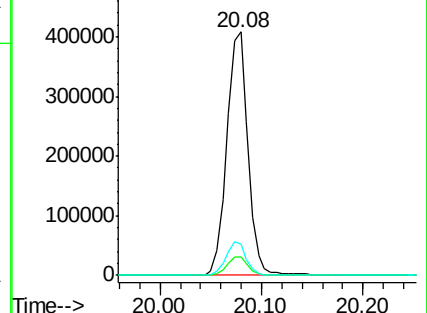
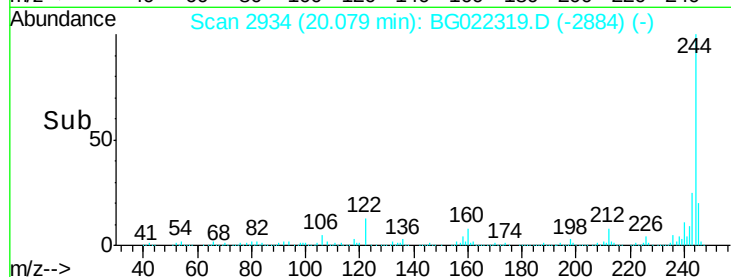
122 13.0 8.6 12.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 49.26 ng

RT: 20.75 min Scan# 3049

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

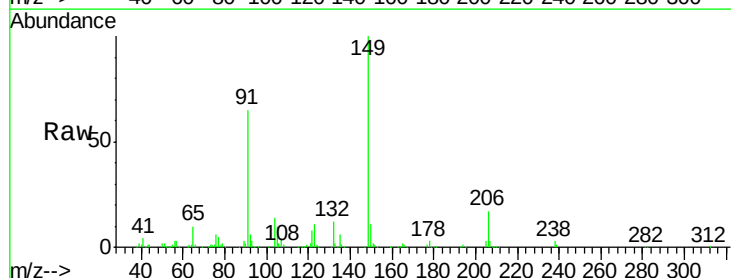
Tgt Ion:149 Resp: 221916

Ion Ratio Lower Upper

149 100

91 65.4 57.8 86.8

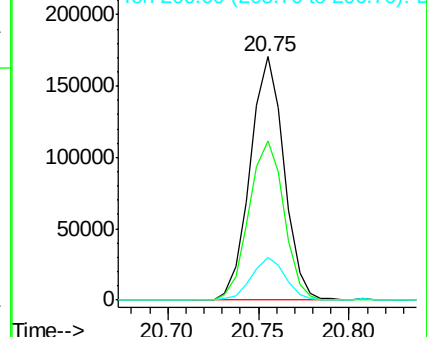
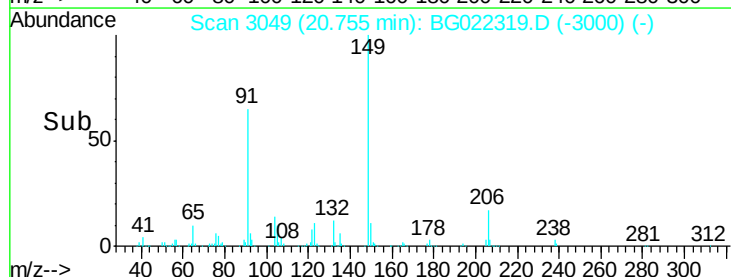
206 17.4 17.0 25.4

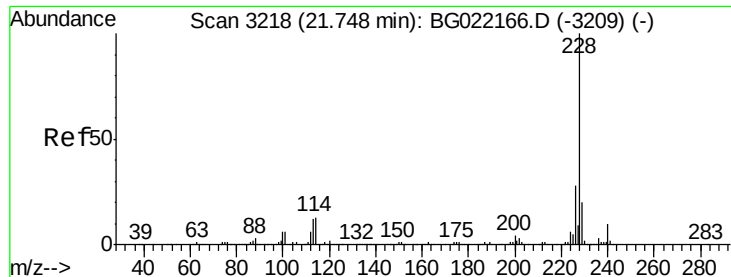


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

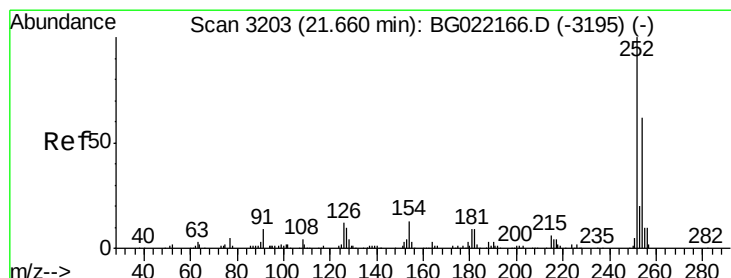
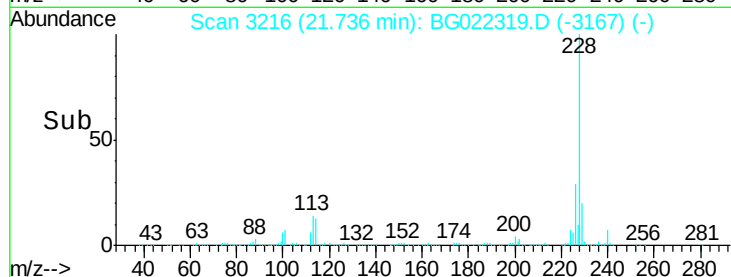
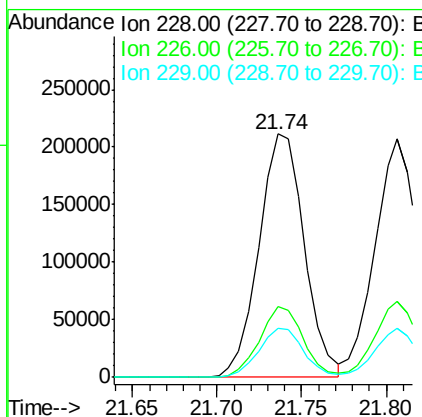
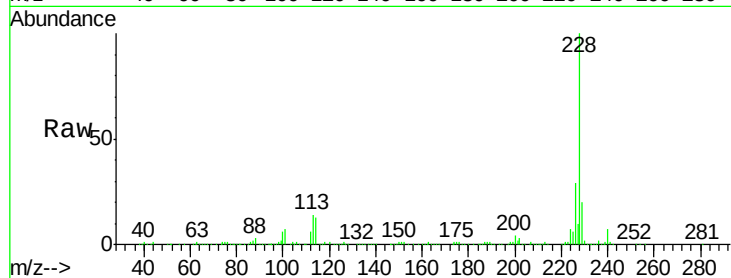




#80
Benzo(a)anthracene
Concen: 45.00 ng
RT: 21.74 min Scan# 3216
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

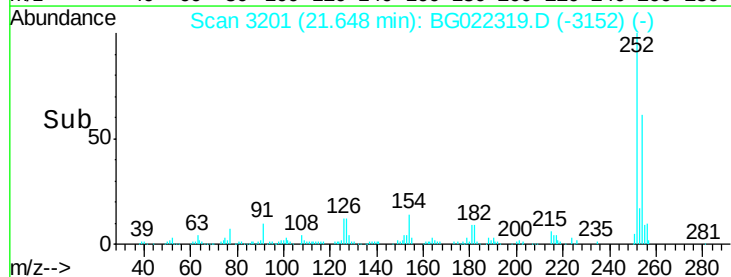
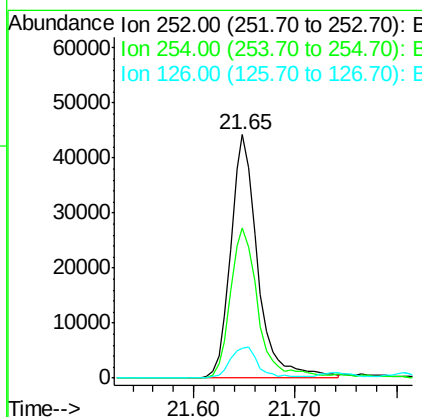
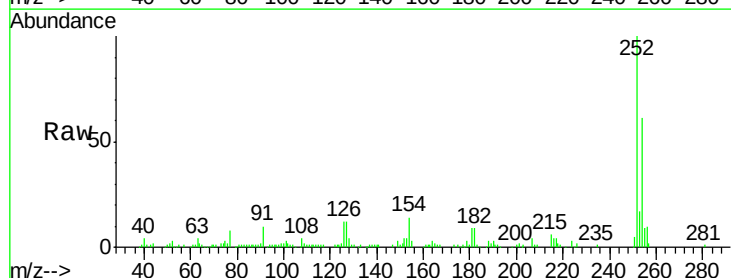
Instrument :
BNA_G
ClientSampled :
PB91204BS

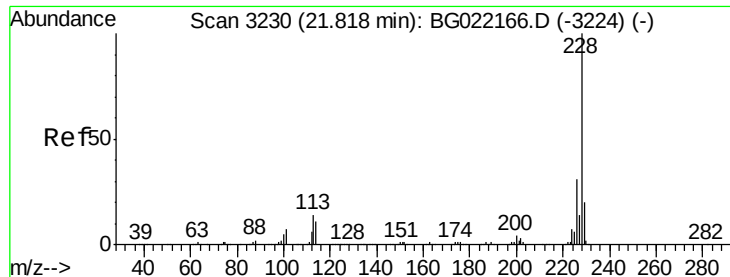
Tgt Ion: 228 Resp: 394248
Ion Ratio Lower Upper
228 100
226 29.2 22.6 34.0
229 20.2 16.1 24.1



#81
3,3'-Dichlorobenzidine
Concen: 33.15 ng
RT: 21.65 min Scan# 3201
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Tgt Ion: 252 Resp: 81550
Ion Ratio Lower Upper
252 100
254 61.5 51.8 77.6
126 12.3 8.8 13.2





#82

Chrysene

Concen: 43.95 ng

RT: 21.81 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

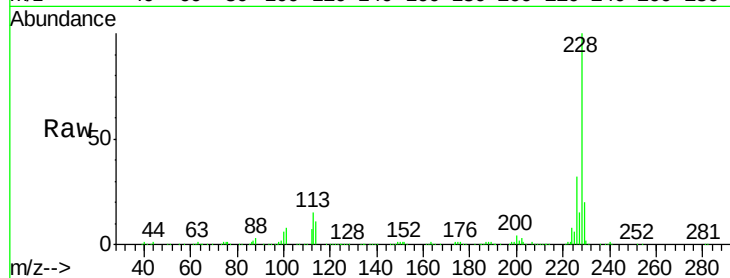
Tgt Ion:228 Resp: 374738

Ion Ratio Lower Upper

228 100

226 31.8 25.4 38.0

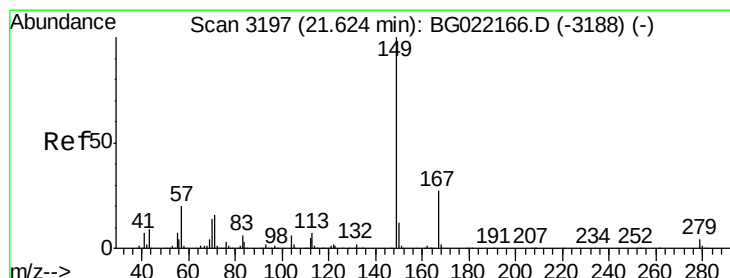
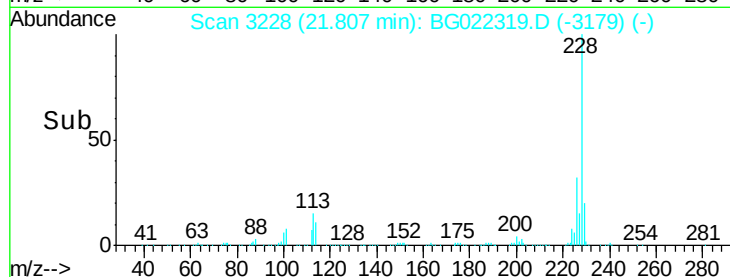
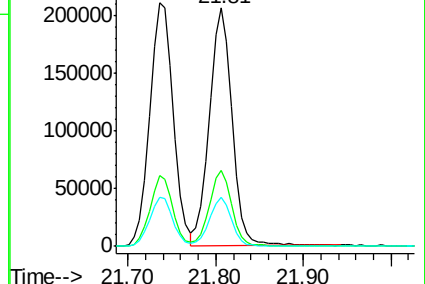
229 20.4 15.9 23.9



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 48.57 ng

RT: 21.61 min Scan# 3195

Delta R.T. -0.01 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

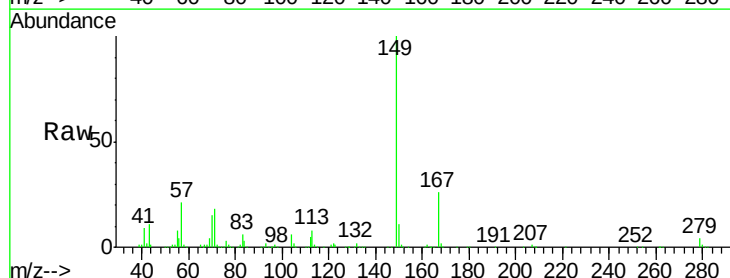
Tgt Ion:149 Resp: 321753

Ion Ratio Lower Upper

149 100

167 25.8 22.4 33.6

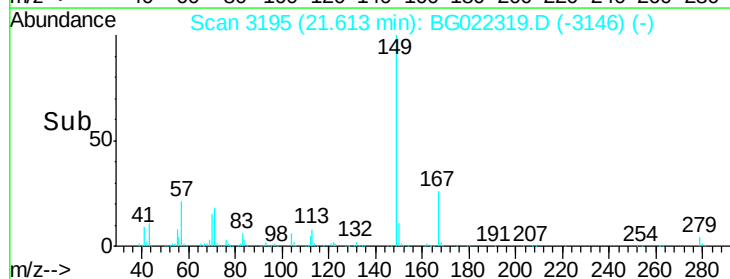
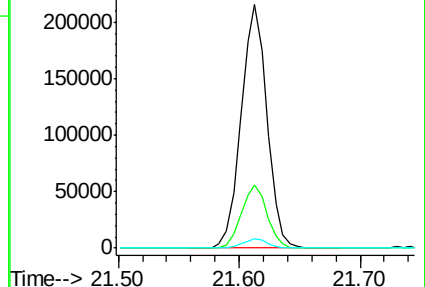
279 3.8 3.2 4.8

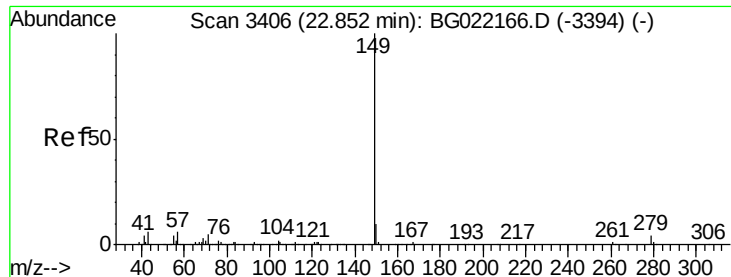


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

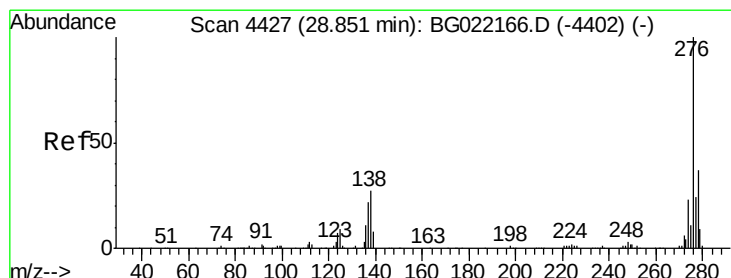
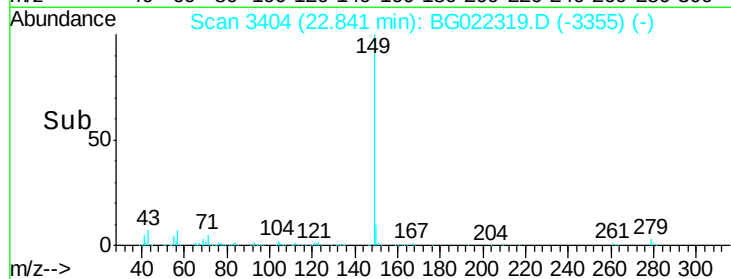
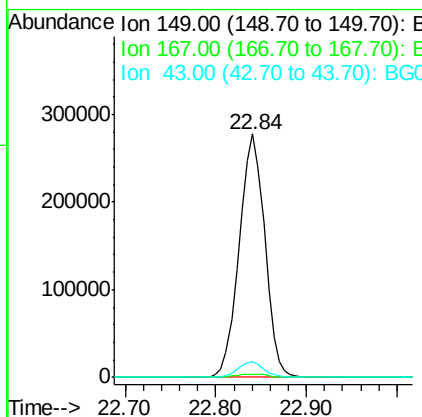
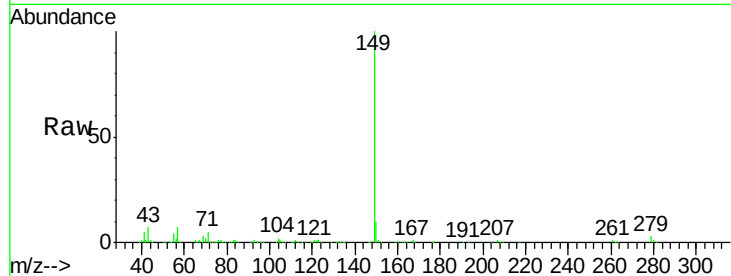




#84
Di-n-octyl phthalate
Concen: 49.62 ng
RT: 22.84 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

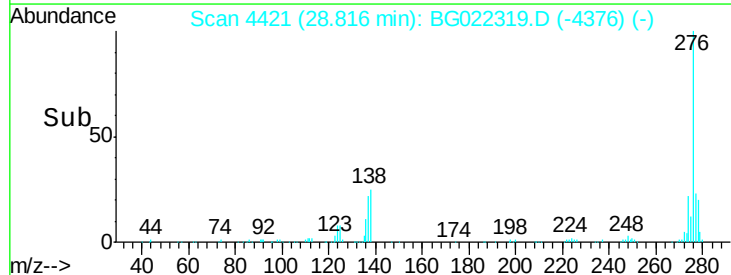
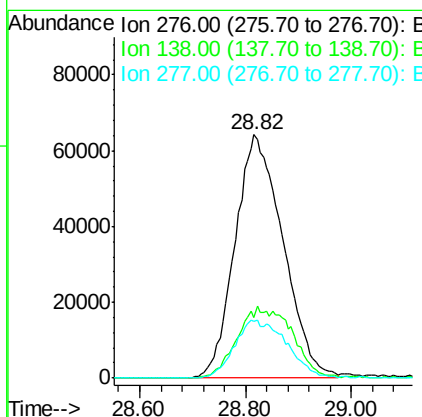
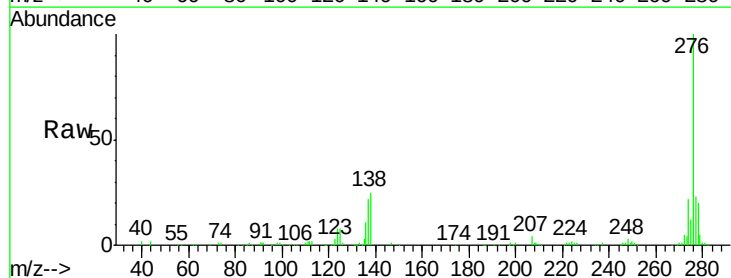
Instrument :
BNA_G
ClientSampleId :
PB91204BS

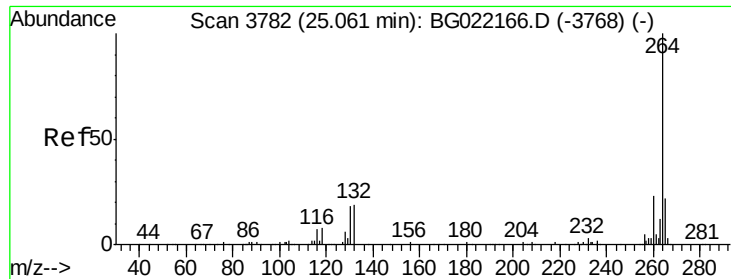
Tgt Ion:149 Resp: 545860
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.5 9.8 14.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 42.31 ng
RT: 28.82 min Scan# 4421
Delta R.T. -0.03 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Tgt Ion:276 Resp: 404664
Ion Ratio Lower Upper
276 100
138 19.2 14.0 21.0
277 14.1 20.6 30.8#



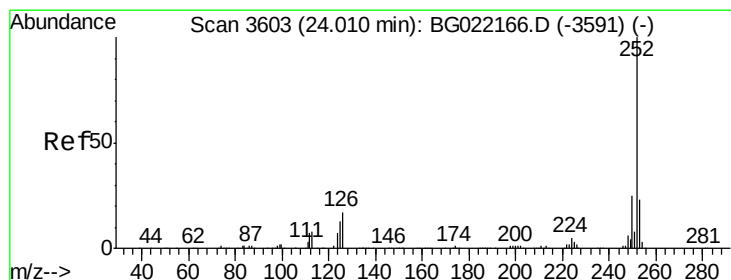
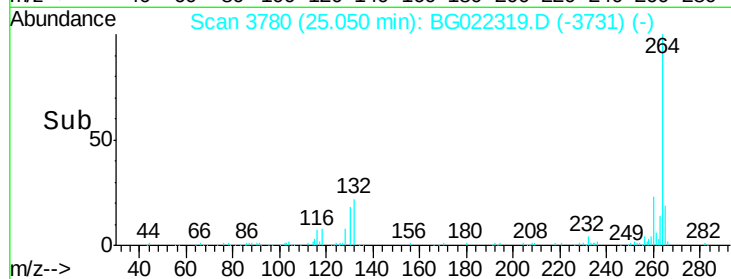
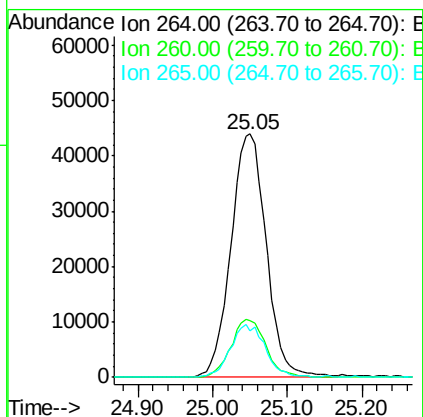
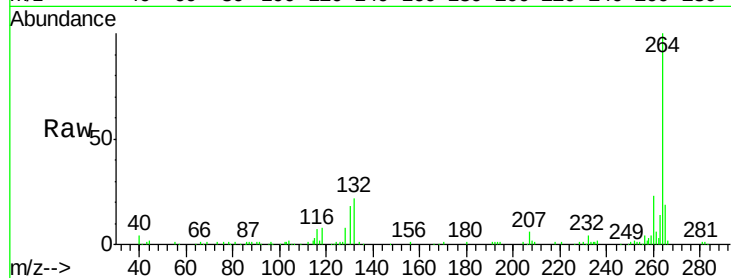


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3780
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Instrument :
BNA_G
ClientSampleId :
PB91204BS

Tgt Ion: 264 Resp: 144490

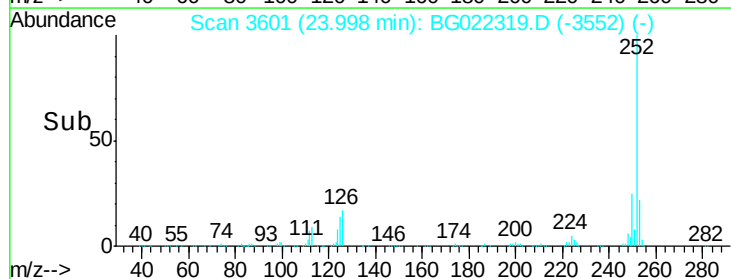
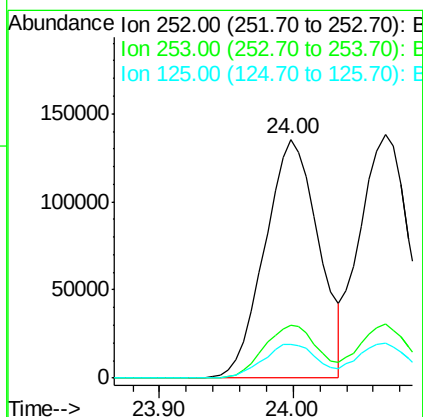
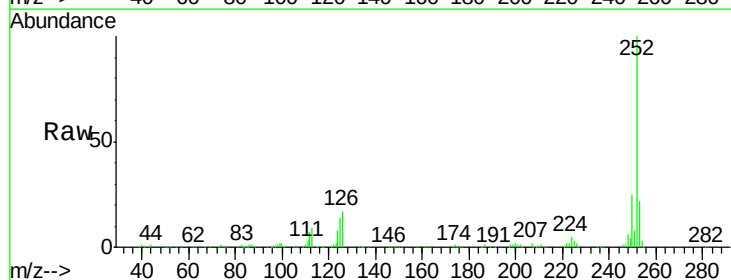
Ion	Ratio	Lower	Upper
264	100		
260	23.3	20.2	30.4
265	19.3	17.8	26.8

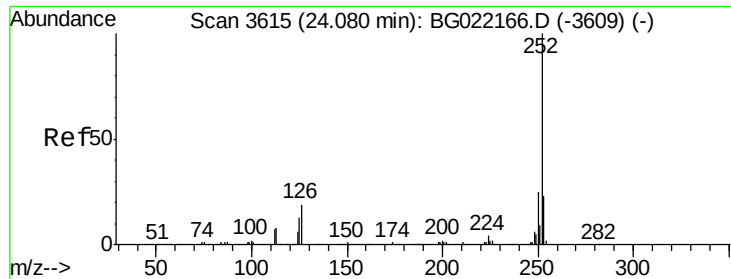


#87
Benzo(b)fluoranthene
Concen: 45.01 ng
RT: 24.00 min Scan# 3601
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Tgt Ion: 252 Resp: 379277

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	14.3	8.6	13.0

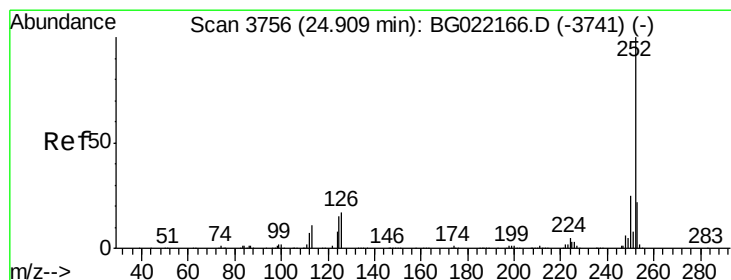
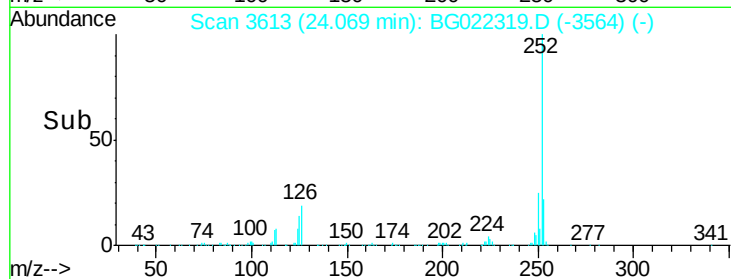
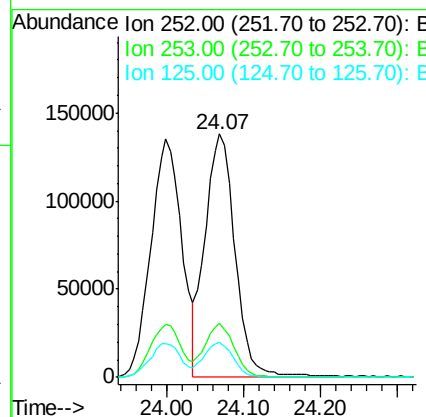
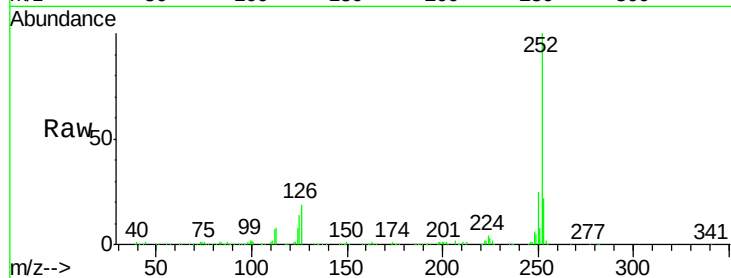




#88
Benzo(k)fluoranthene
Concen: 44.45 ng
RT: 24.07 min Scan# 3613
Delta R.T. -0.01 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

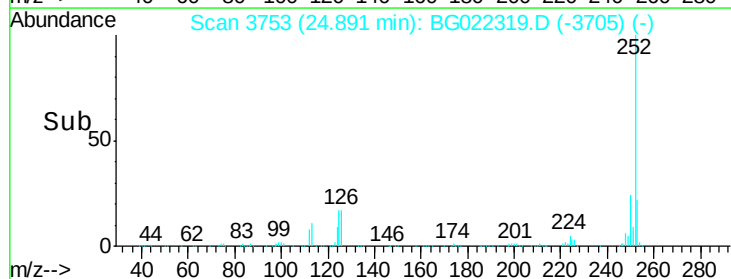
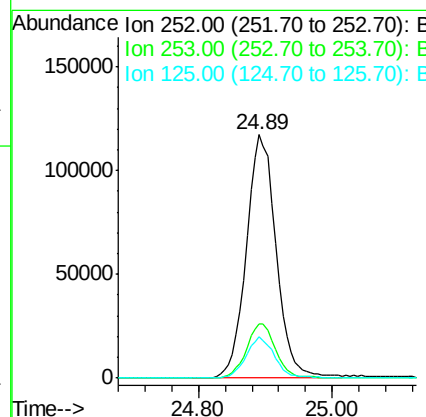
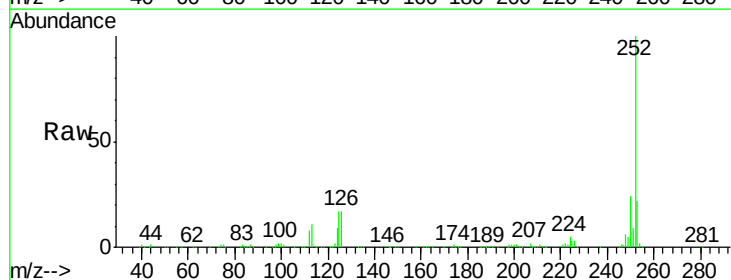
Instrument :
BNA_G
ClientSampleId :
PB91204BS

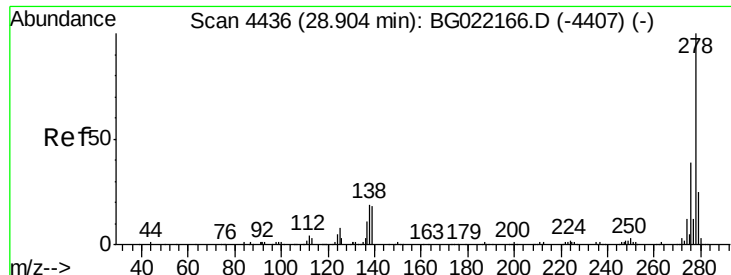
Tgt Ion: 252 Resp: 368738
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 14.5 8.3 12.5#



#89
Benzo(a)pyrene
Concen: 44.61 ng
RT: 24.89 min Scan# 3753
Delta R.T. -0.02 min
Lab File: BG022319.D
Acq: 11 Jun 2016 12:37

Tgt Ion: 252 Resp: 359427
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 17.0 9.6 14.4#





#90

Dibenzo(a,h)anthracene

Concen: 44.29 ng

RT: 28.87 min Scan# 4431

Delta R.T. -0.03 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

Instrument :

BNA_G

ClientSampleId :

PB91204BS

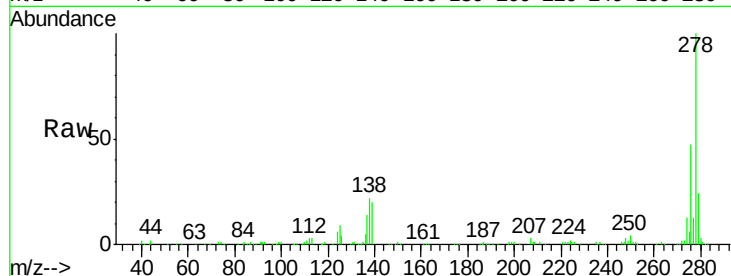
Tgt Ion:278 Resp: 336123

Ion Ratio Lower Upper

278 100

139 20.2 11.9 17.9#

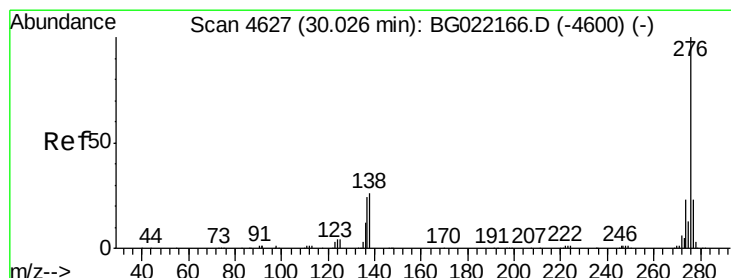
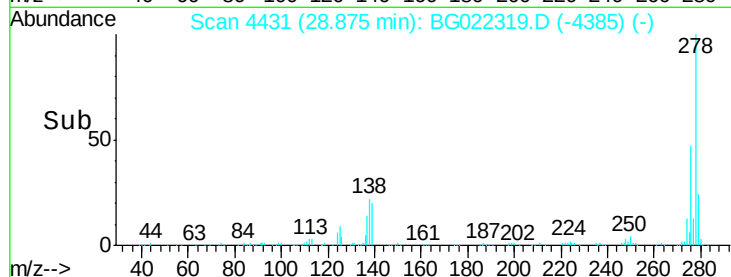
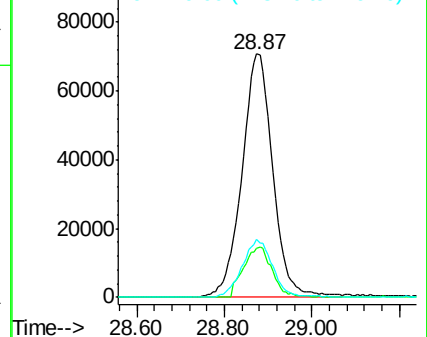
279 23.8 18.2 27.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 42.84 ng

RT: 30.00 min Scan# 4623

Delta R.T. -0.02 min

Lab File: BG022319.D

Acq: 11 Jun 2016 12:37

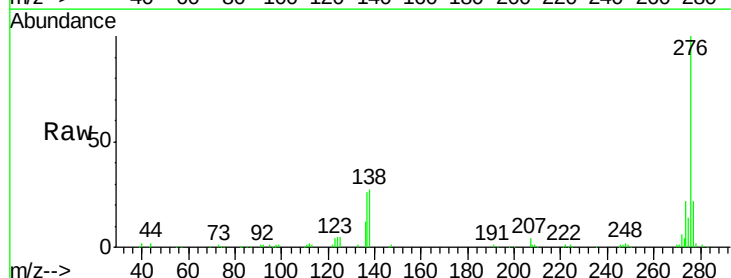
Tgt Ion:276 Resp: 338262

Ion Ratio Lower Upper

276 100

277 21.6 19.4 29.2

138 27.4 17.4 26.0#



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

