

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092616\
 Data File : BG024146.D
 Acq On : 26 Sep 2016 17:46
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Sep 27 00:56:22 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58446	20.00	ng	0.03
21) Naphthalene-d8	10.89	136	285360	20.00	ng	0.02
38) Acenaphthene-d10	14.73	164	231539	20.00	ng	0.02
63) Phenanthrene-d10	17.49	188	520708	20.00	ng	0.01
75) Chrysene-d12	21.80	240	467845	20.00	ng	0.00
86) Perylene-d12	25.15	264	468864	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	267176	79.20	ng	0.02
7) Phenol-d6	7.24	99	439565	77.44	ng	0.03
23) Nitrobenzene-d5	9.25	82	533500	73.69	ng	0.02
41) 2,4,6-Tribromophenol	16.23	330	229735	69.03	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1080207	78.42	ng	0.01
78) Terphenyl-d14	20.10	244	1578994	69.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.44	88	54949	42.56	ng	94
3) Pyridine	3.86	79	191859	42.04	ng	97
4) n-Nitrosodimethylamine	3.78	42	84501	36.53	ng	# 94
6) Aniline	7.38	93	294565	36.94	ng	98
8) 2-Chlorophenol	7.63	128	151213	37.44	ng	97
9) Benzaldehyde	7.20	77	129585	41.92	ng	90
10) Phenol	7.26	94	233916	39.20	ng	93
11) bis(2-Chloroethyl)ether	7.48	93	180550	38.36	ng	95
12) 1,3-Dichlorobenzene	7.95	146	172528	38.31	ng	97
13) 1,4-Dichlorobenzene	8.09	146	171988	37.42	ng	95
14) 1,2-Dichlorobenzene	8.42	146	167108	37.36	ng	95
15) Benzyl Alcohol	8.31	79	194678	35.44	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	250159	38.50	ng	92
17) 2-Methylphenol	8.52	107	156982	39.57	ng	95
18) Hexachloroethane	9.15	117	71809	37.08	ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	195469	35.06	ng	98
20) 3+4-Methylphenols	8.86	107	218988	38.00	ng	96
22) Acetophenone	8.90	105	309430	37.59	ng	# 97
24) Nitrobenzene	9.29	77	291948	37.62	ng	94
25) Isophorone	9.80	82	540086	36.57	ng	# 96
26) 2-Nitrophenol	10.00	139	105809	38.44	ng	93
27) 2,4-Dimethylphenol	10.07	122	178644	38.81	ng	87
28) bis(2-Chloroethoxy)methane	10.29	93	278355	38.76	ng	99
29) 2,4-Dichlorophenol	10.56	162	194661	40.63	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	191095	37.27	ng	97
31) Naphthalene	10.94	128	559096	38.68	ng	99
32) Benzoic acid	10.25	122	129444	37.28	ng	93
33) 4-Chloroaniline	11.07	127	251008	38.90	ng	97
34) Hexachlorobutadiene	11.21	225	144842	35.88	ng	93
35) Caprolactam	11.85	113	71510	36.69	ng	# 81
36) 4-Chloro-3-methylphenol	12.20	107	270885	40.18	ng	96
37) 2-Methylnaphthalene	12.55	142	416222	37.60	ng	91
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	262505	38.83	ng	98
40) Hexachlorocyclopentadiene	12.89	237	90957	35.77	ng	96

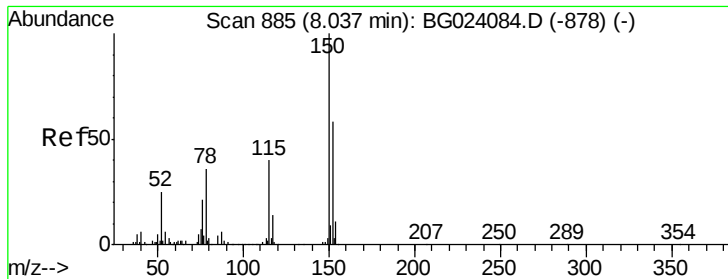
Data Path : Z:\HPCHEM1\BNA G\DATA\BG092616\
 Data File : BG024146.D
 Acq On : 26 Sep 2016 17:46
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	172524	39.46	nq	92
43) 2,4,5-Trichlorophenol	13.26	196	177801	39.53	nq	97
45) 1,1'-Biphenyl	13.56	154	647757	40.91	nq	98
46) 2-Chloronaphthalene	13.61	162	471611	39.89	nq	96
47) 2-Nitroaniline	13.82	65	213344	38.78	nq	99
48) Acenaphthylene	14.46	152	798372	39.78	nq	99
49) Dimethylphthalate	14.18	163	683819	38.50	nq	99
50) 2,6-Dinitrotoluene	14.32	165	150674	40.38	nq	96
51) Acenaphthene	14.79	154	477028	39.19	nq	96
52) 3-Nitroaniline	14.66	138	145679	39.09	nq	# 89
53) 2,4-Dinitrophenol	14.89	184	56368	27.36	nq	92
54) Dibenzofuran	15.13	168	742456	39.18	nq	95
55) 4-Nitrophenol	15.00	139	85769	32.39	nq	90
56) 2,4-Dinitrotoluene	15.11	165	222363	39.16	nq	94
57) Fluorene	15.78	166	632770	38.36	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	164353	37.83	nq	# 93
59) Diethylphthalate	15.54	149	715323	37.40	nq	98
60) 4-Chlorophenyl-phenylether	15.77	204	328390	37.16	nq	97
61) 4-Nitroaniline	15.83	138	145727	37.75	nq	# 83
62) Azobenzene	16.06	77	736653	37.90	nq	91
64) 4,6-Dinitro-2-methylphenol	15.89	198	121455	33.59	nq	91
65) n-Nitrosodiphenylamine	15.99	169	580007	40.72	nq	97
66) 4-Bromophenyl-phenylether	16.67	248	231760	38.37	nq	97
67) Hexachlorobenzene	16.79	284	252634	37.12	nq	95
68) Atrazine	16.94	200	226129	35.96	nq	96
69) Pentachlorophenol	17.15	266	83786	26.26	nq	98
70) Phenanthrene	17.54	178	1042287	39.30	nq	98
71) Anthracene	17.63	178	1059472	38.89	nq	98
72) Carbazole	17.91	167	936528	36.93	nq	96
73) Di-n-butylphthalate	18.44	149	1196873	36.05	nq	97
74) Fluoranthene	19.55	202	1185155	34.23	nq	95
76) Benzidine	19.73	184	423117	31.95	nq	98
77) Pyrene	19.91	202	1181905	36.18	nq	96
79) Butylbenzylphthalate	20.78	149	456310	37.93	nq	96
80) Benzo(a)anthracene	21.78	228	1023797	38.44	nq	95
81) 3,3'-Dichlorobenzidine	21.69	252	391062	40.97	nq	# 95
82) Chrysene	21.85	228	984111	39.31	nq	96
83) Bis(2-ethylhexyl)phthalate	21.65	149	653708	45.48	nq	# 95
84) Di-n-octyl phthalate	22.89	149	1159472	46.76	nq	98
85) Indeno(1,2,3-cd)pyrene	28.97	276	1229276	44.03	nq	# 100
87) Benzo(b)fluoranthene	24.08	252	1049950	38.49	nq	# 96
88) Benzo(k)fluoranthene	24.14	252	1050445	38.78	nq	# 96
89) Benzo(a)pyrene	24.98	252	1013485	38.43	nq	# 96
90) Dibenzo(a,h)anthracene	29.03	278	987684	37.51	nq	# 95
91) Benzo(g,h,i)perylene	30.16	276	983895	37.09	nq	# 95

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

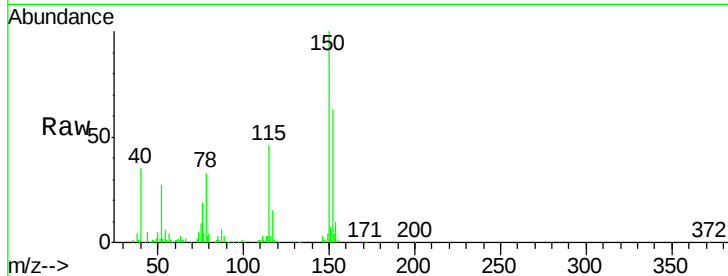


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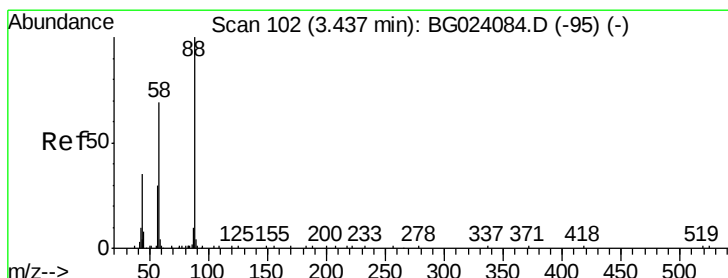
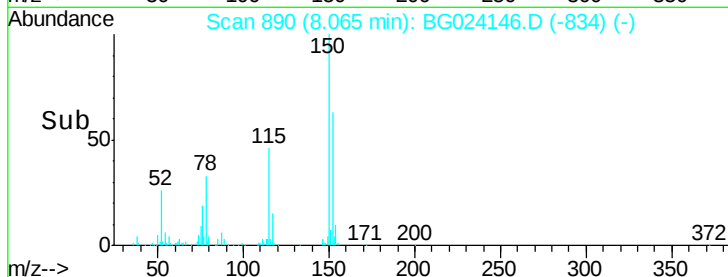
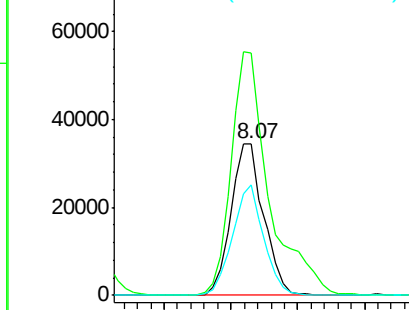
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 890
Delta R.T. 0.03 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	144.7	217.1
115	72.8	64.0	96.0



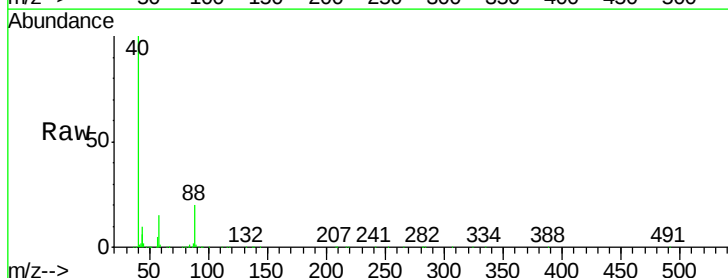
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



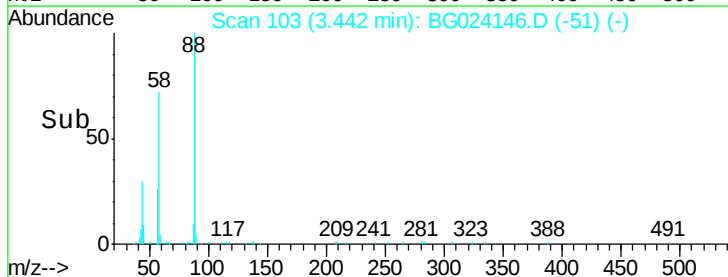
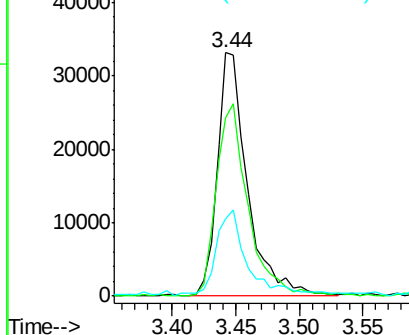
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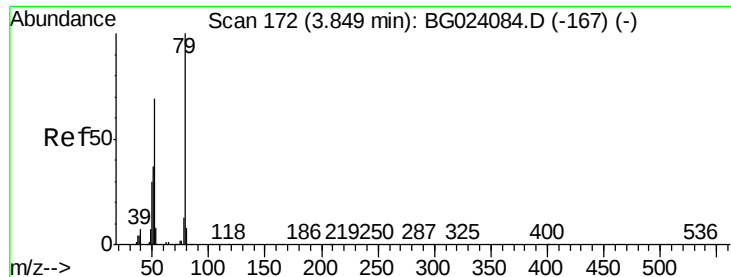
1,4-Dioxane
Concen: 42.56 ng
RT: 3.44 min Scan# 103
Delta R.T. 0.00 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.1	60.4	90.6
43	38.2	31.1	46.7



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





#3

Pvridine

Concen: 42.04 ng

RT: 3.86 min Scan# 174

Delta R.T. 0.01 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

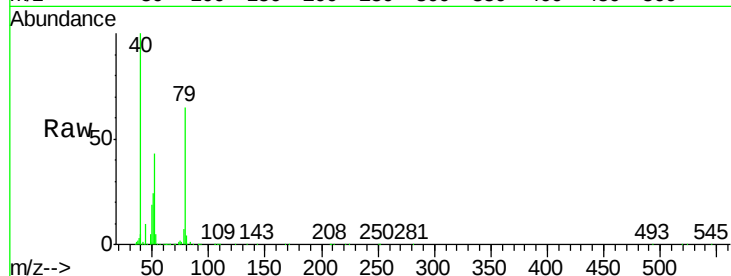
Tot Ion: 79 Resp: 191859

Ion Ratio Lower Upper

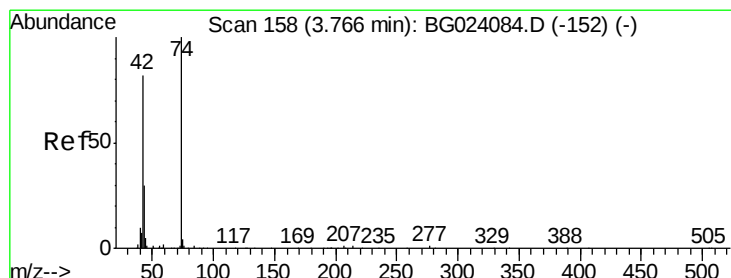
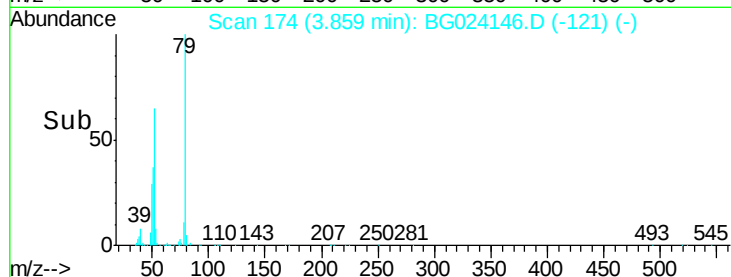
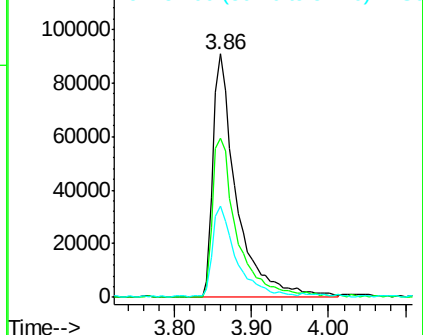
79 100

52 65.3 51.8 77.8

51 37.5 32.7 49.1



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



#4

n-Nitrosodimethylamine

Concen: 36.53 ng

RT: 3.78 min Scan# 160

Delta R.T. 0.01 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

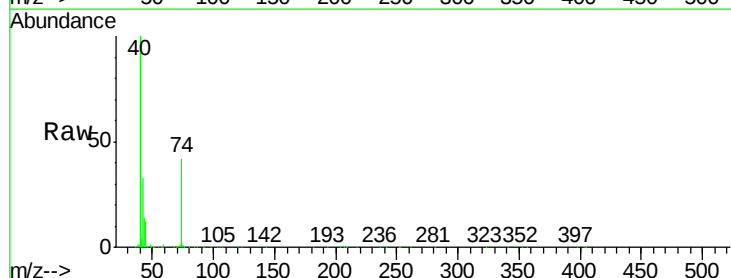
Tgt Ion: 42 Resp: 84501

Ion Ratio Lower Upper

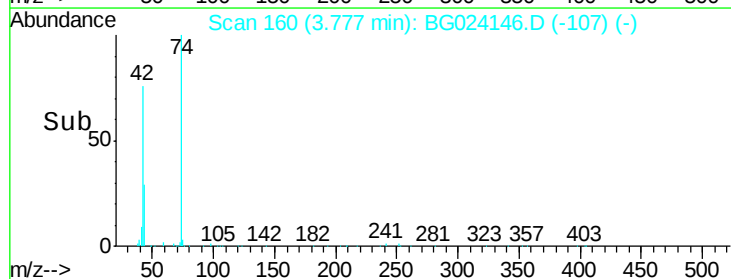
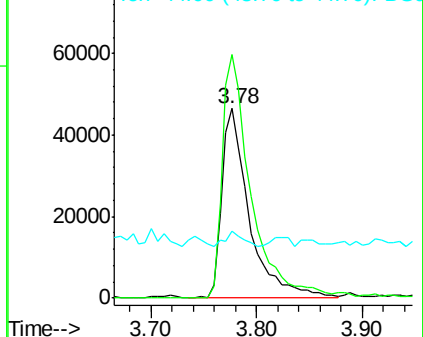
42 100

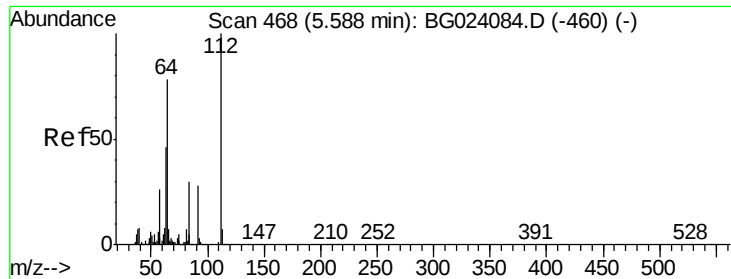
74 128.4 100.6 150.8

44 35.4 4.5 6.7#



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





#5

2-Fluorophenol

Concen: 79.20 ng

RT: 5.61 min Scan# 472

Delta R.T. 0.02 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

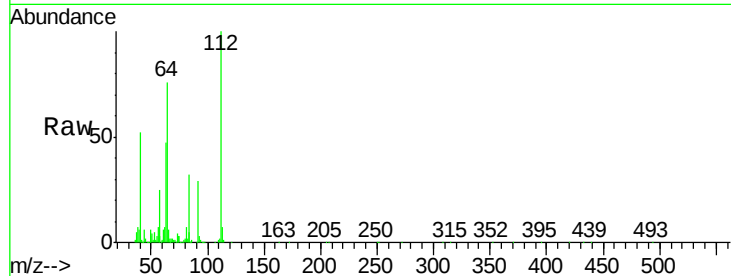
Tot Ion:112 Resp: 267176

Ion Ratio Lower Upper

112 100

64 75.6 59.0 88.4

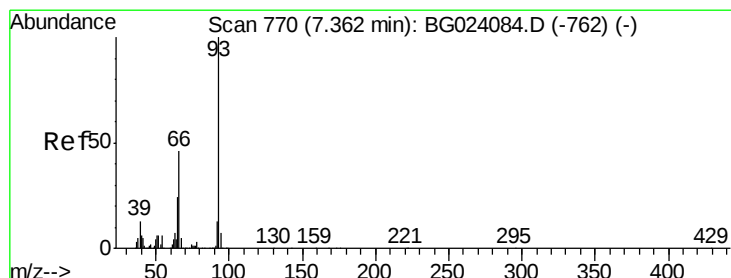
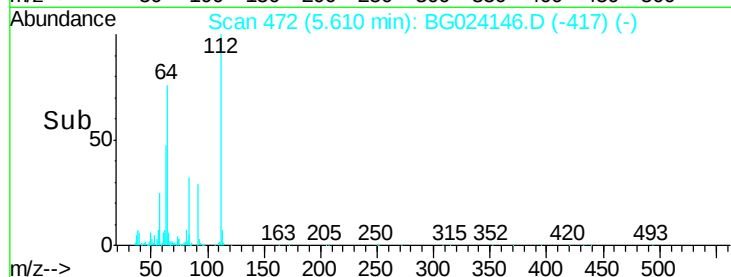
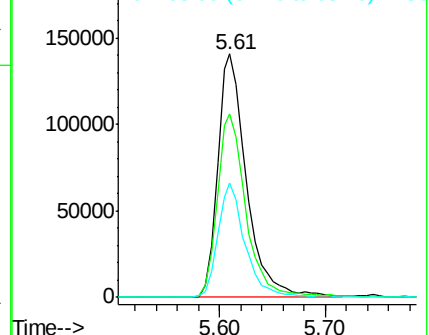
63 46.7 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.94 ng

RT: 7.38 min Scan# 774

Delta R.T. 0.02 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

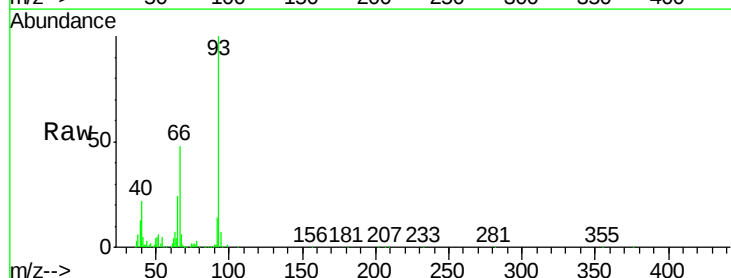
Tgt Ion: 93 Resp: 294565

Ion Ratio Lower Upper

93 100

66 47.6 37.5 56.3

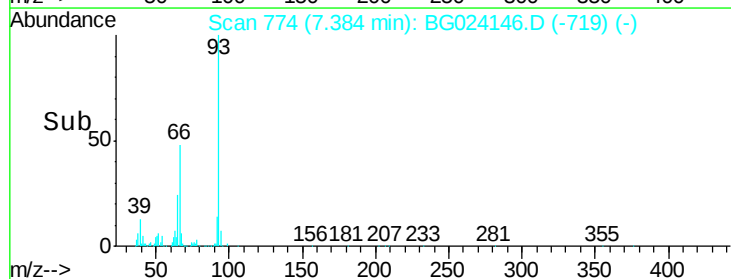
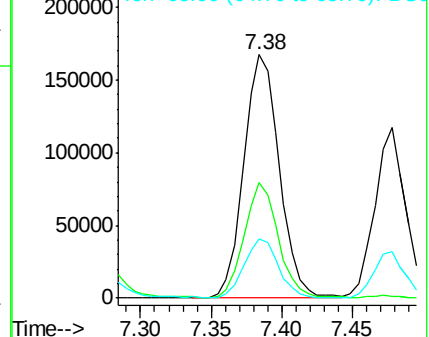
65 24.3 17.9 26.9

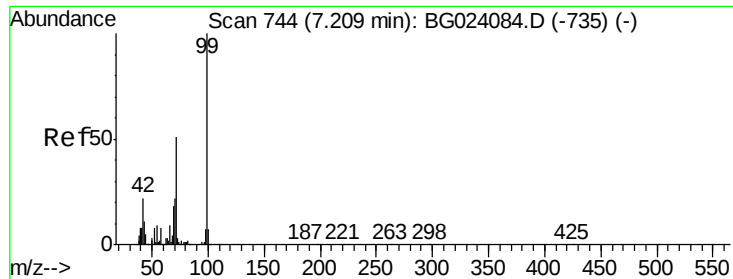


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.44 ng

RT: 7.24 min Scan# 749

Delta R.T. 0.03 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

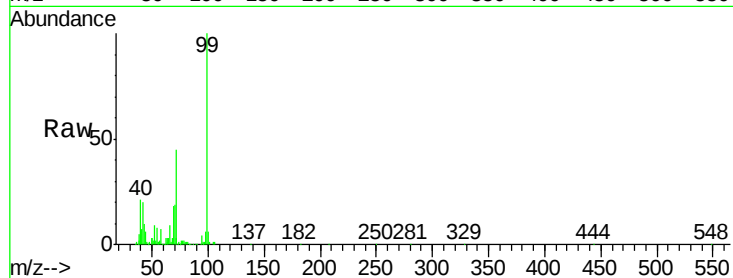
Tot Ion: 99 Resp: 439565

Ion Ratio Lower Upper

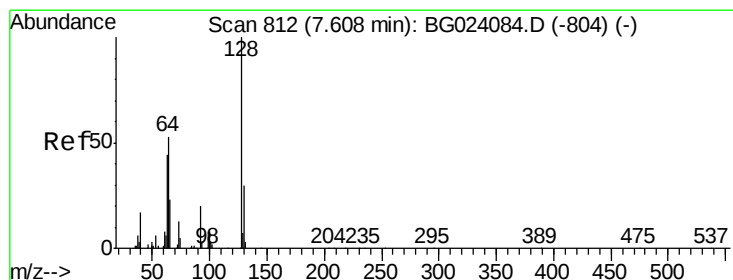
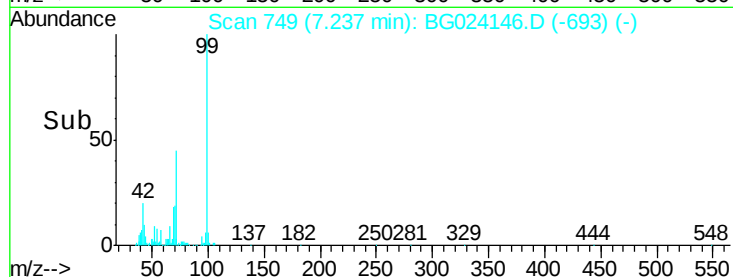
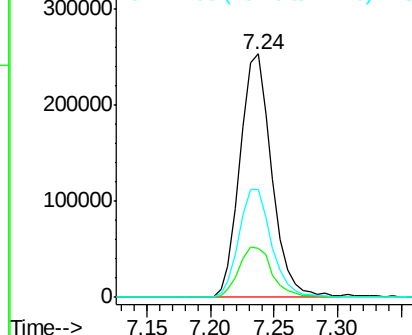
99 100

42 20.2 17.8 26.6

71 44.6 41.5 62.3



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



#8

2-Chlorophenol

Concen: 37.44 ng

RT: 7.63 min Scan# 816

Delta R.T. 0.02 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

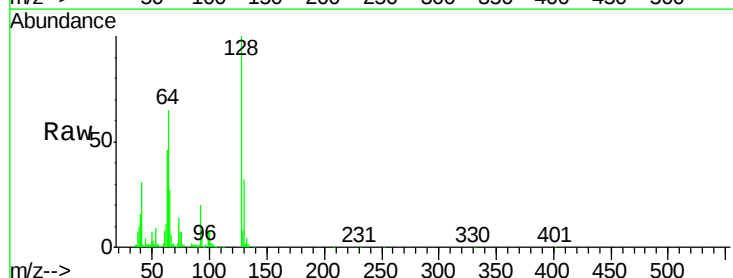
Tgt Ion: 128 Resp: 151213

Ion Ratio Lower Upper

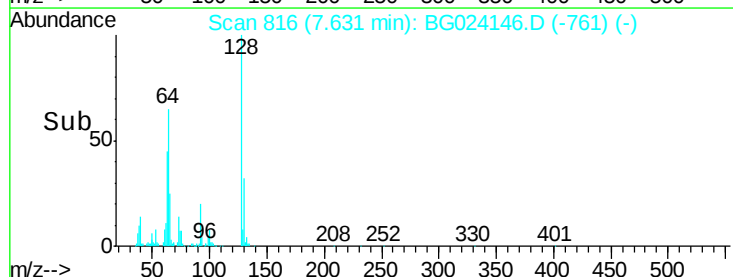
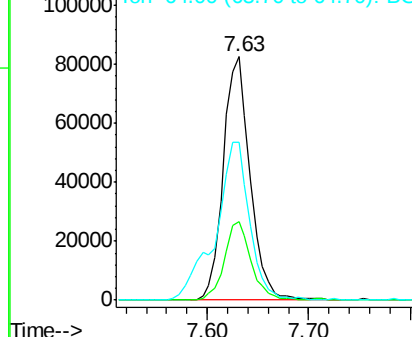
128 100

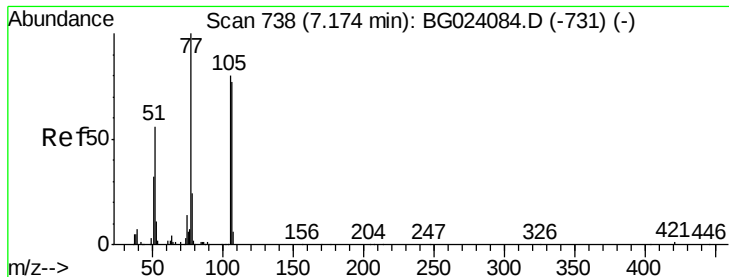
130 32.3 12.9 52.9

64 65.0 42.0 82.0



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





#9

Benzaldehyde

Concen: 41.92 ng

RT: 7.20 min Scan# 743

Delta R.T. 0.03 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

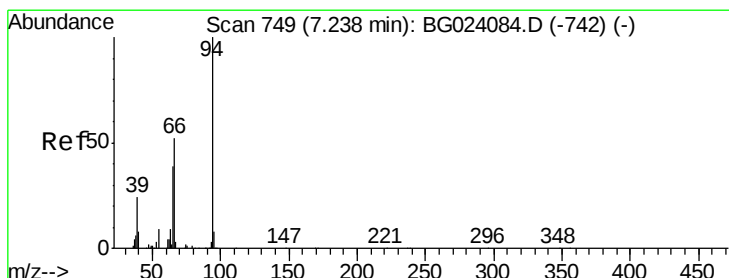
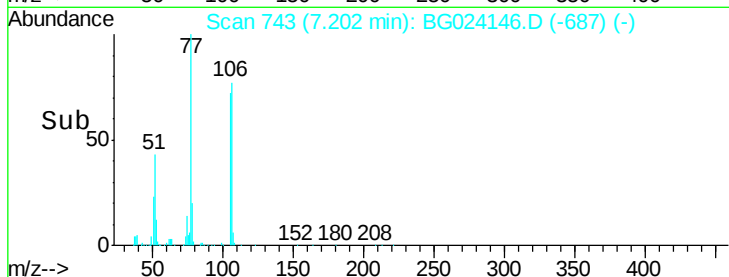
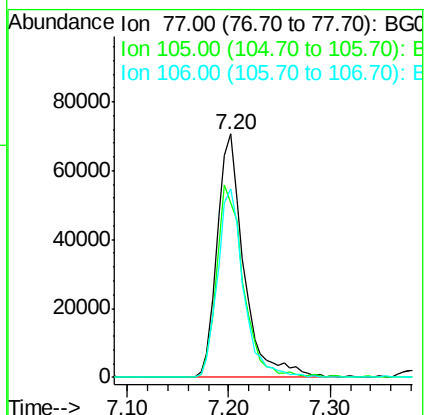
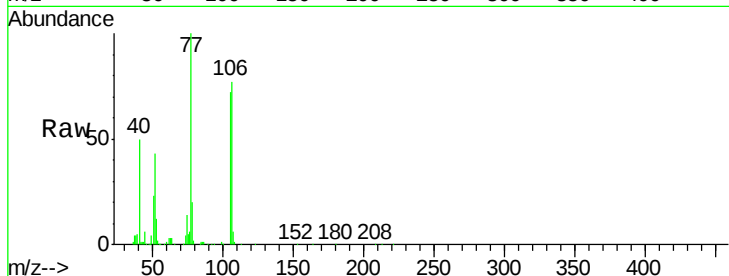
Tot Ion: 77 Resp: 129585

Ion Ratio Lower Upper

77 100

105 71.7 58.7 98.7

106 77.3 67.5 107.5



#10

Phenol

Concen: 39.20 ng

RT: 7.26 min Scan# 753

Delta R.T. 0.02 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

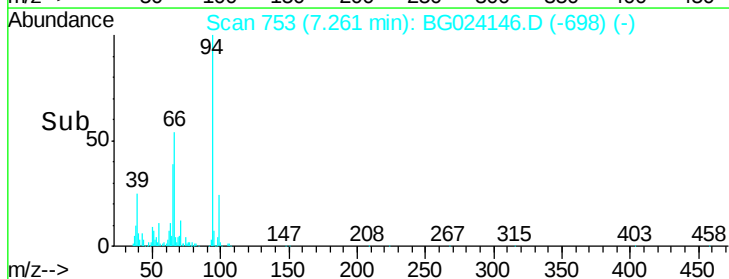
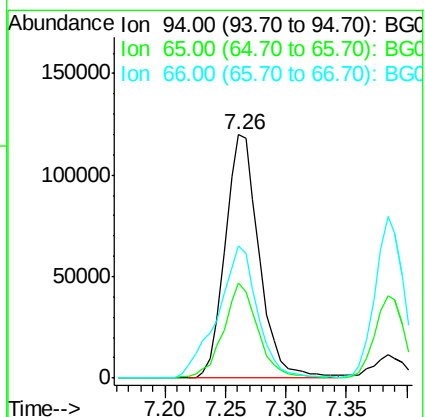
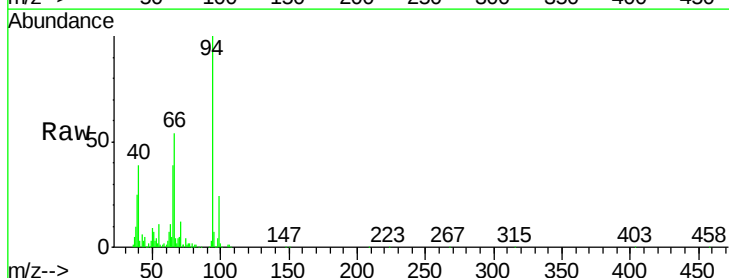
Tgt Ion: 94 Resp: 233916

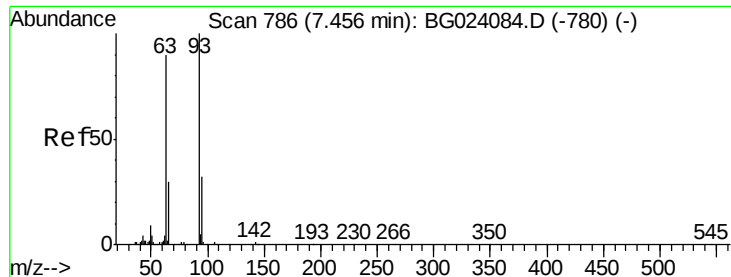
Ion Ratio Lower Upper

94 100

65 39.1 18.1 58.1

66 54.1 42.1 82.1

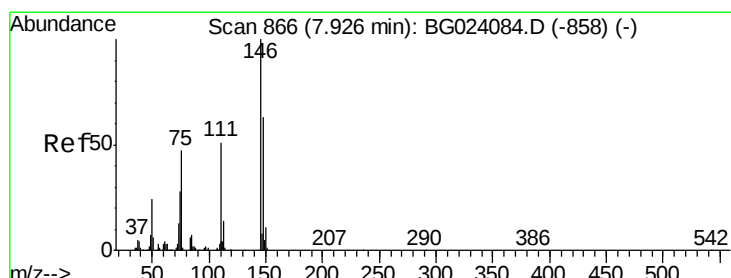
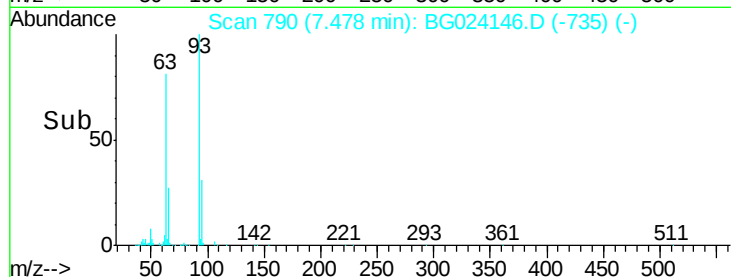
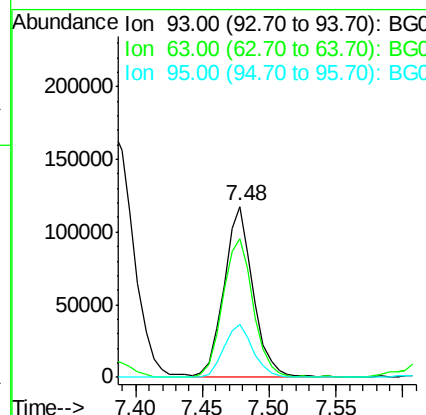
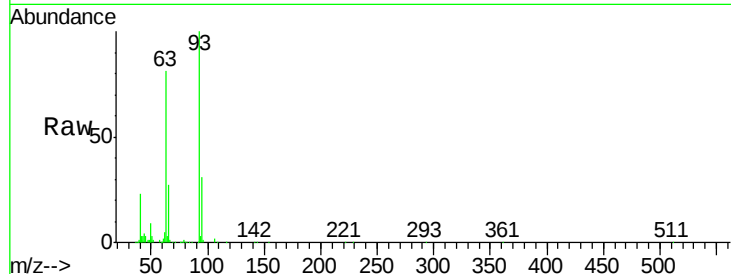




#11
bis(2-Chloroethyl)ether
Concen: 38.36 ng
RT: 7.48 min Scan# 790
Delta R.T. 0.02 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

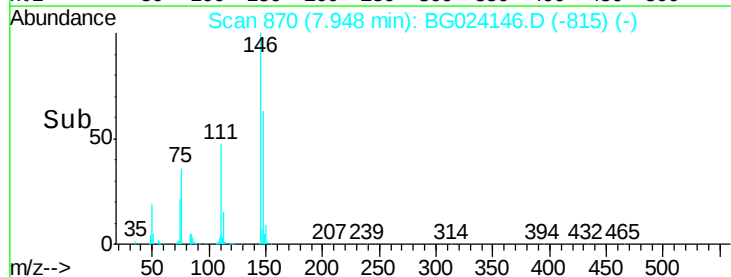
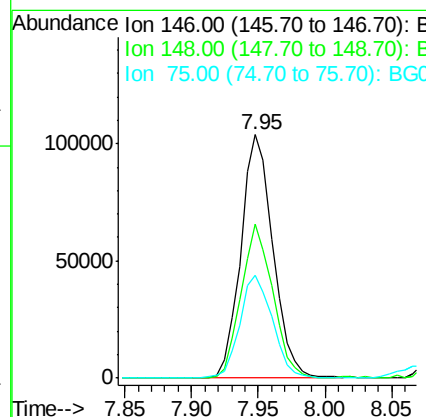
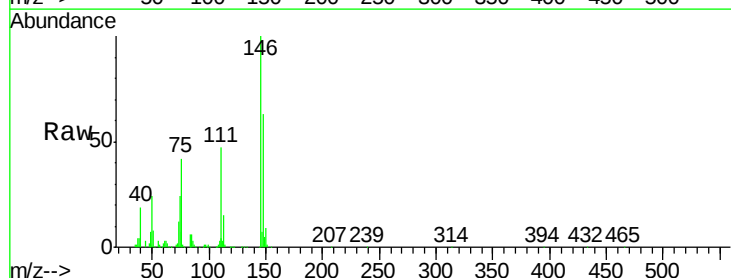
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

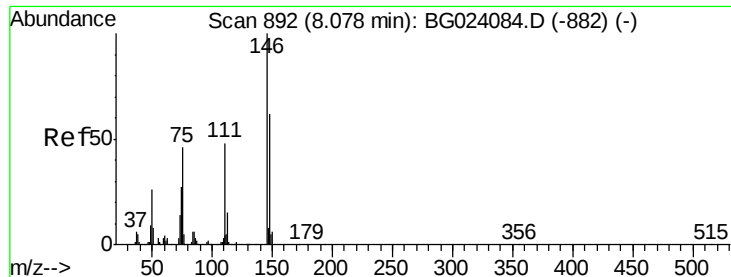
Tot Ion: 93 Resp: 180550
Ion Ratio Lower Upper
93 100
63 80.7 55.0 95.0
95 30.6 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 38.31 ng
RT: 7.95 min Scan# 870
Delta R.T. 0.02 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Tgt Ion: 146 Resp: 172528
Ion Ratio Lower Upper
146 100
148 63.4 50.3 75.5
75 42.0 37.0 55.6

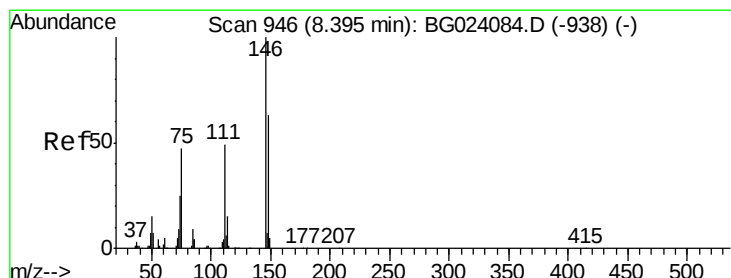
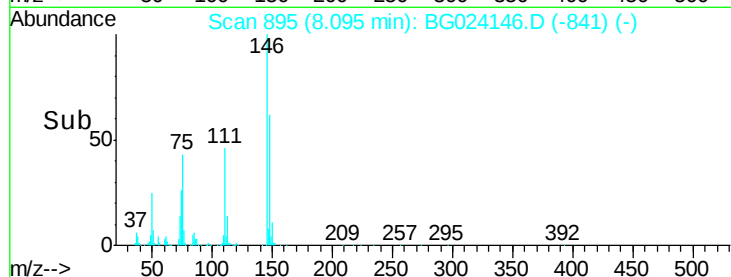
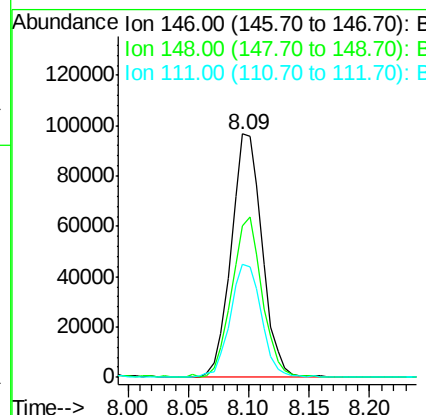
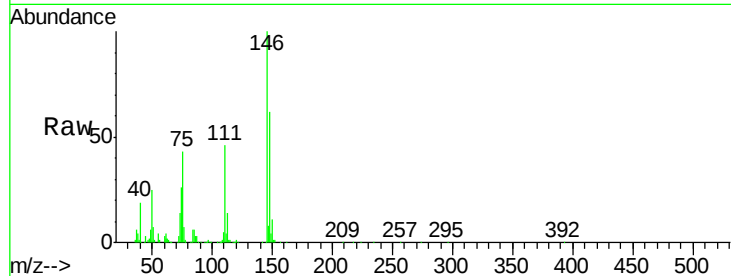




#13
 1,4-Dichlorobenzene
 Concen: 37.42 ng
 RT: 8.09 min Scan# 895
 Delta R.T. 0.02 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

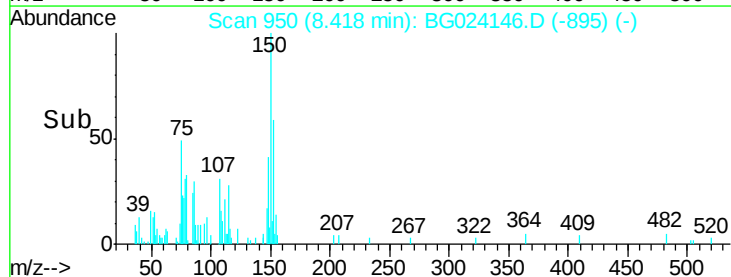
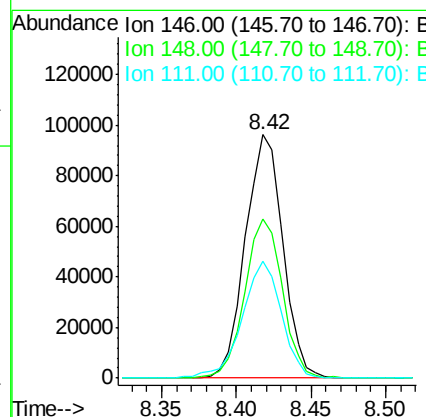
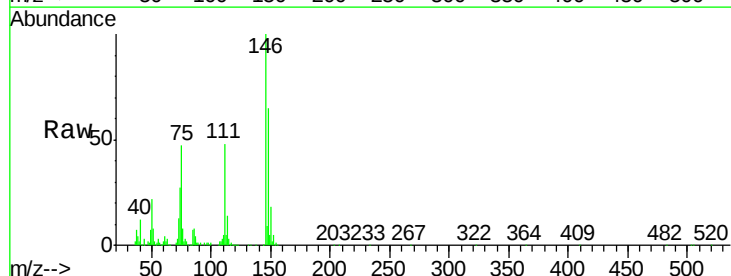
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

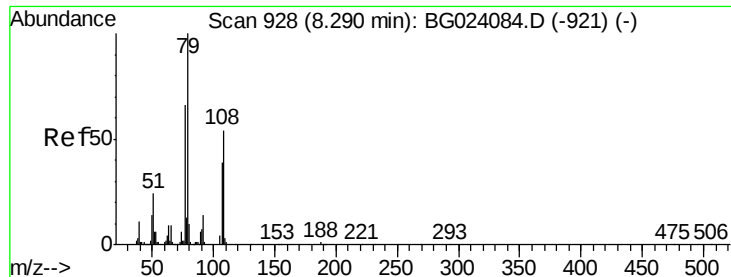
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	54.5	81.7
111	46.3	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 37.36 ng
 RT: 8.42 min Scan# 950
 Delta R.T. 0.02 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.9	79.3
111	47.9	43.5	65.3





#15

Benzyl Alcohol

Concen: 35.44 ng

RT: 8.31 min Scan# 932

Delta R.T. 0.02 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

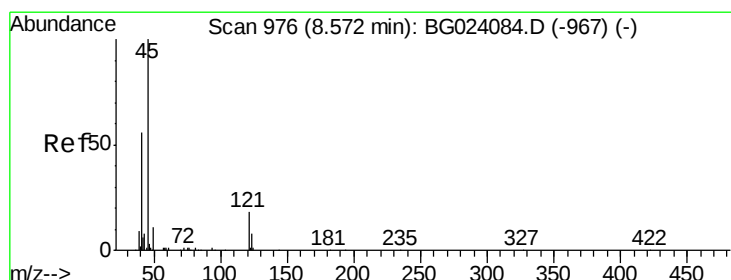
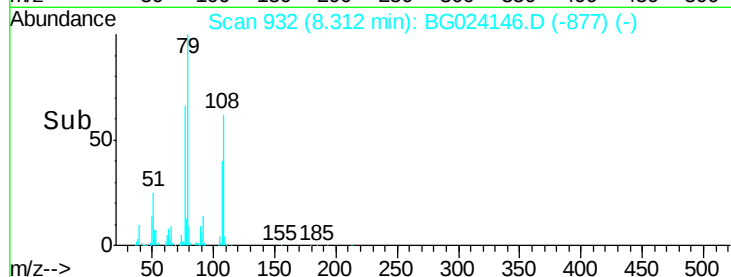
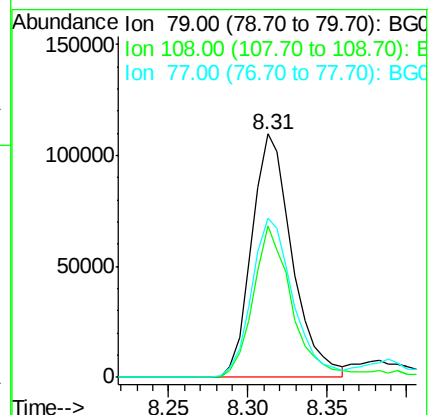
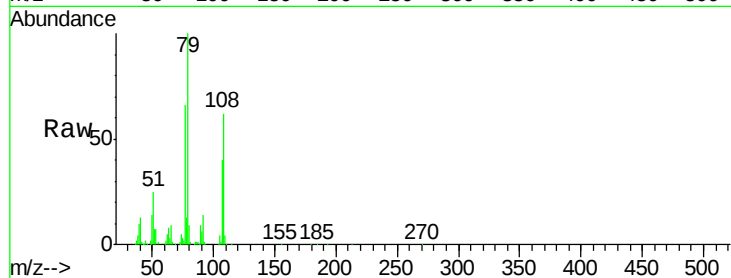
Tot Ion: 79 Resp: 194678

Ion Ratio Lower Upper

79 100

108 62.0 46.5 69.7

77 65.5 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.50 ng

RT: 8.58 min Scan# 978

Delta R.T. 0.01 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

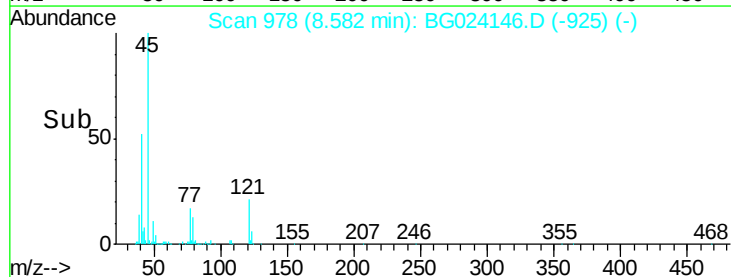
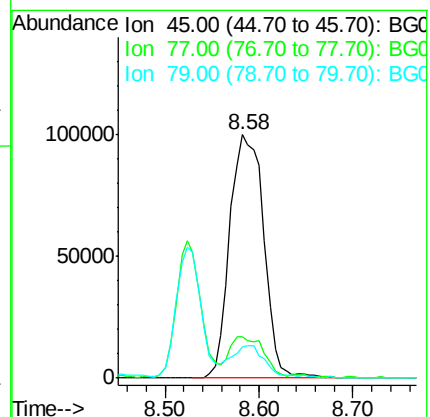
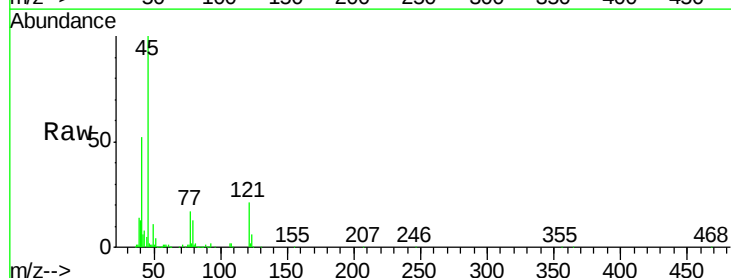
Tgt Ion: 45 Resp: 250159

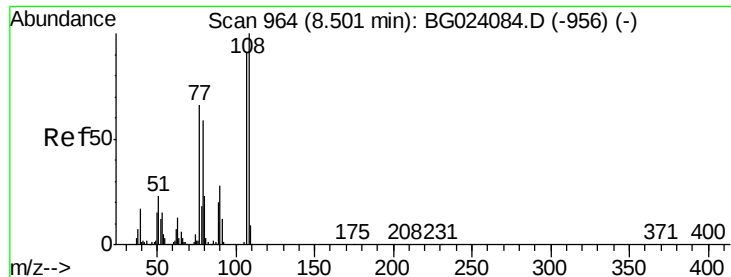
Ion Ratio Lower Upper

45 100

77 17.1 0.6 40.6

79 12.9 0.0 36.2

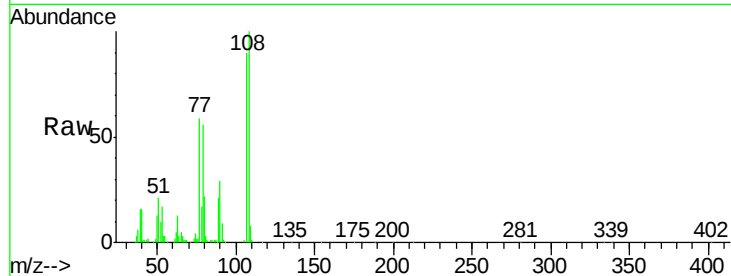




#17
2-Methylphenol
Concen: 39.57 ng
RT: 8.52 min Scan# 968
Delta R.T. 0.02 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	92.0	138.0
77	65.2	55.8	83.6
79	62.6	55.0	82.6



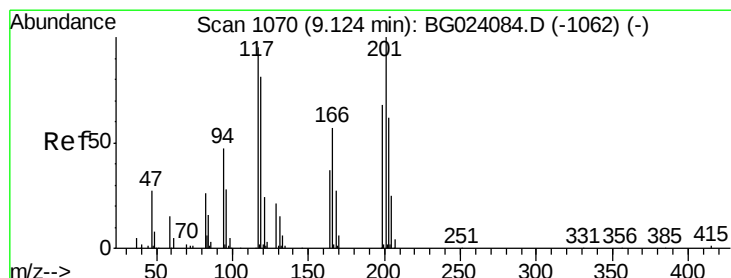
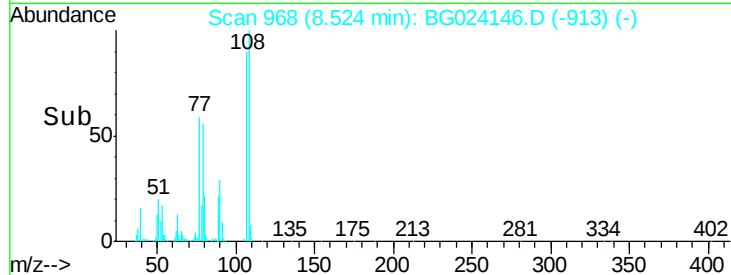
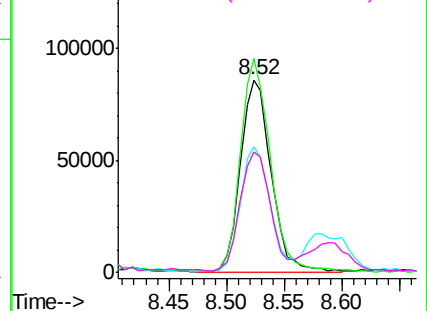
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

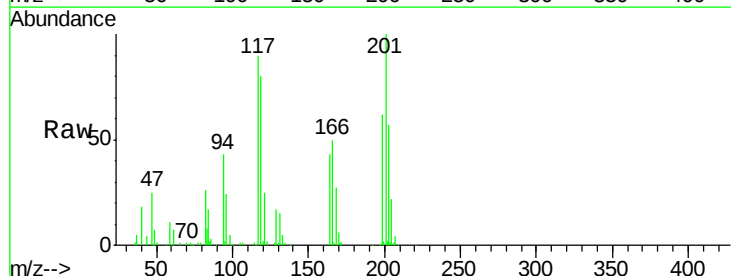
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.08 ng
RT: 9.15 min Scan# 1074
Delta R.T. 0.02 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.8	73.7	110.5
201	110.8	88.7	133.1

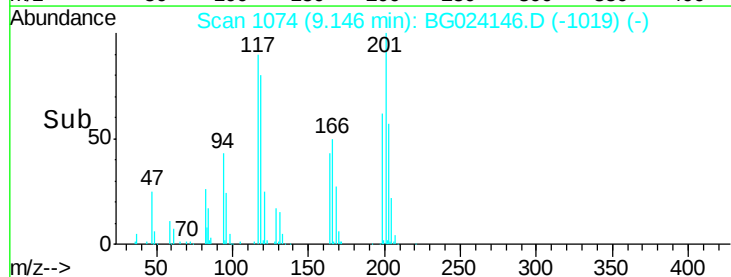
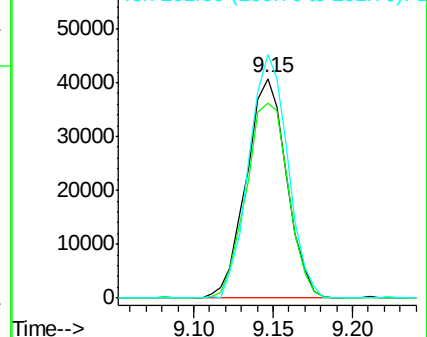


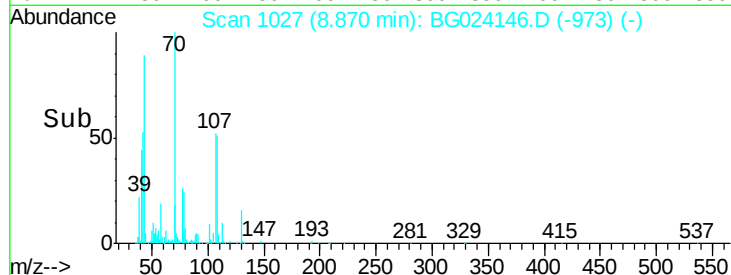
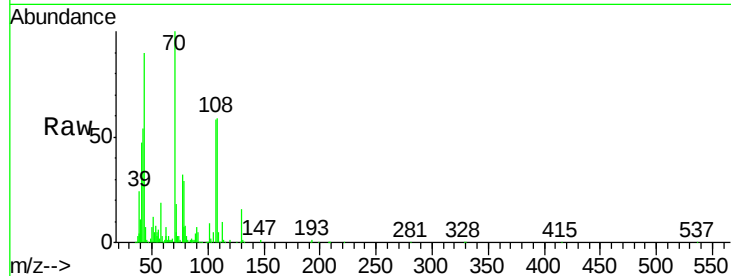
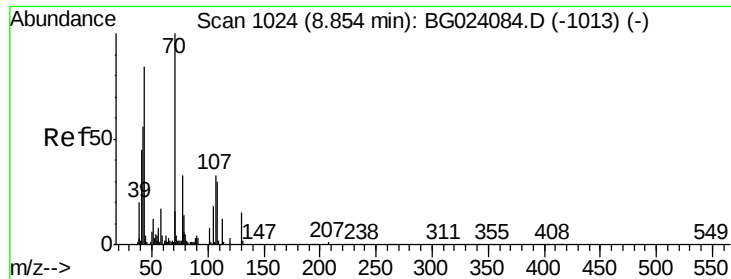
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

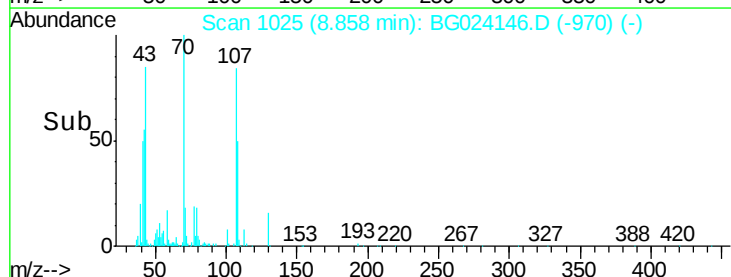
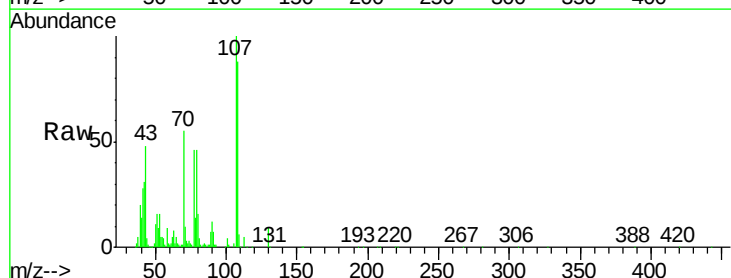
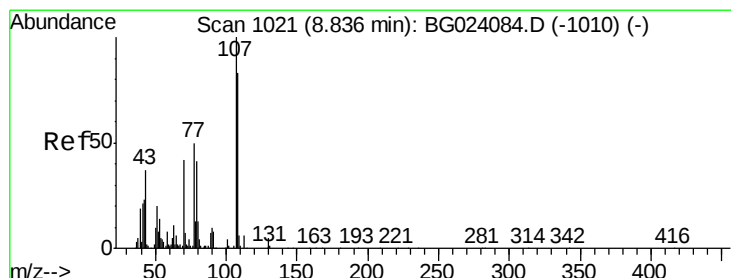
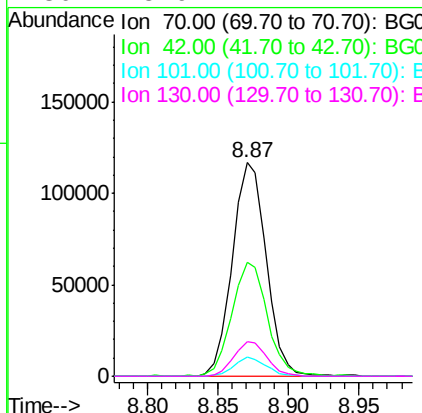




#19
n-Nitroso-di-n-propylamine
Concen: 35.06 ng
RT: 8.87 min Scan# 1027
Delta R.T. 0.02 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

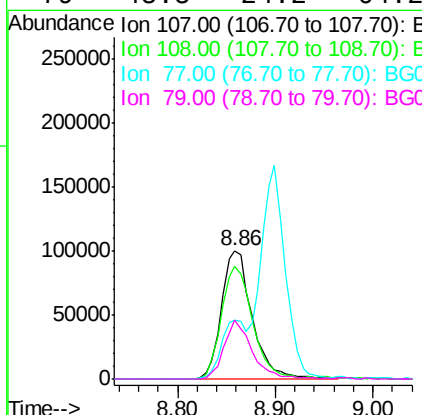
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

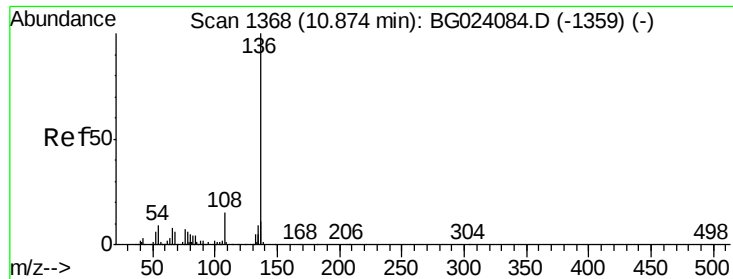
Tot Ion:	70	Resp:	195469
Ion	Ratio	Lower	Upper
70	100		
42	53.6	42.1	63.1
101	8.8	7.2	10.8
130	15.9	14.2	21.2



#20
3+4-Methylphenols
Concen: 38.00 ng
RT: 8.86 min Scan# 1025
Delta R.T. 0.02 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Tgt Ion:	107	Resp:	218988
Ion	Ratio	Lower	Upper
107	100		
108	88.2	72.5	112.5
77	46.2	30.1	70.1
79	45.5	24.2	64.2

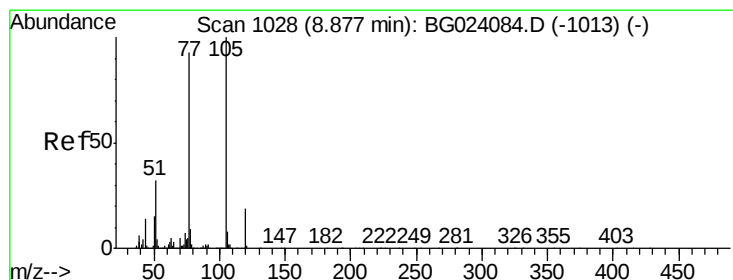
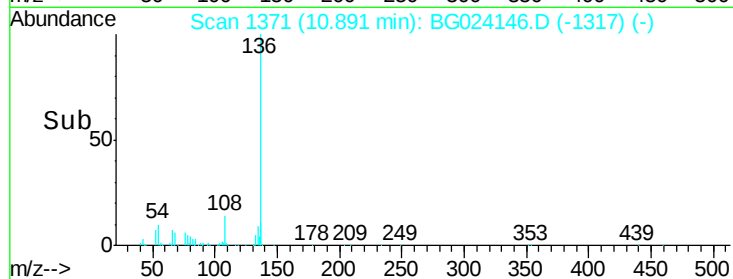
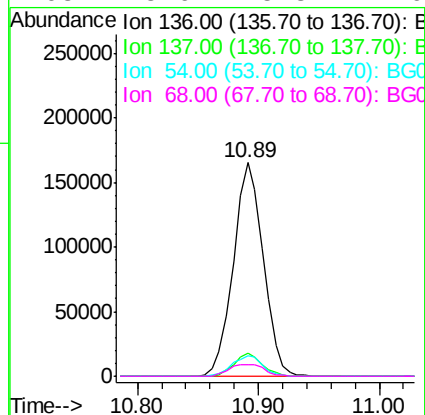
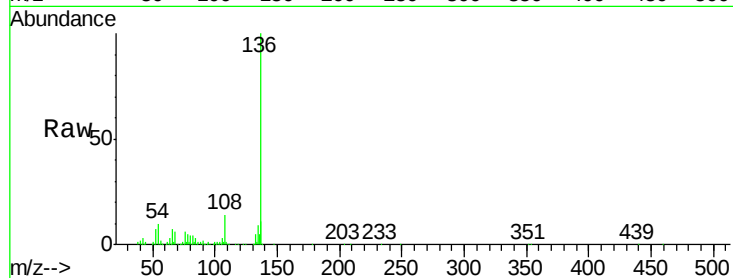




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1371
Delta R.T. 0.02 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

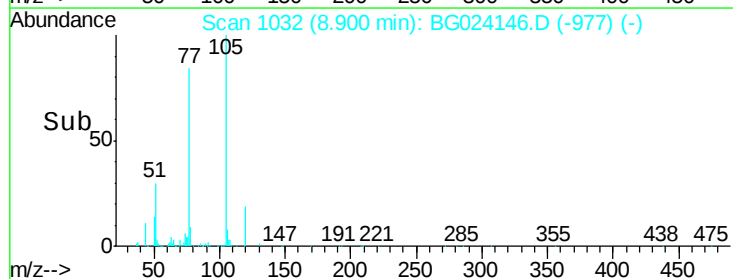
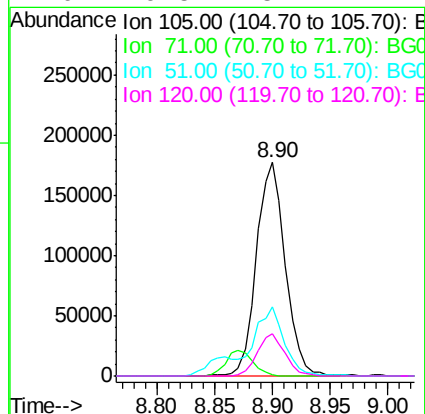
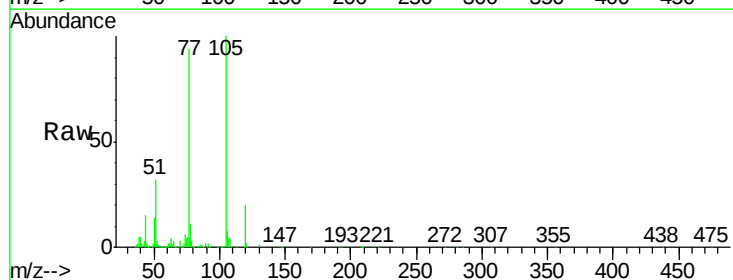
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

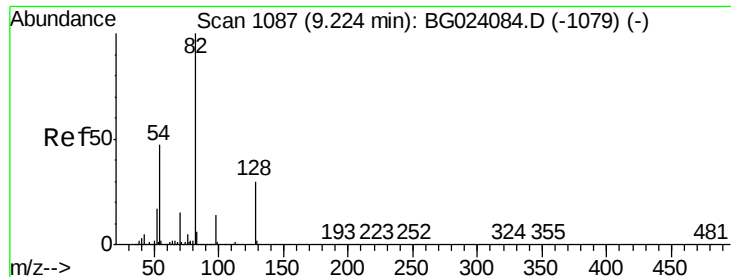
Tot Ion:136	Resp:	285360
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.6 14.4
54	9.8	7.3 10.9
68	5.6	5.3 7.9



#22
Acetophenone
Concen: 37.59 ng
RT: 8.90 min Scan# 1032
Delta R.T. 0.02 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Tgt Ion:105	Resp:	309430
Ion Ratio	Lower	Upper
105	100	
71	0.5	2.6 3.8#
51	32.3	27.1 40.7
120	19.5	15.1 22.7

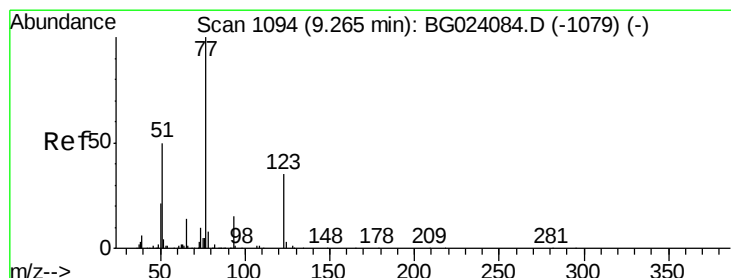
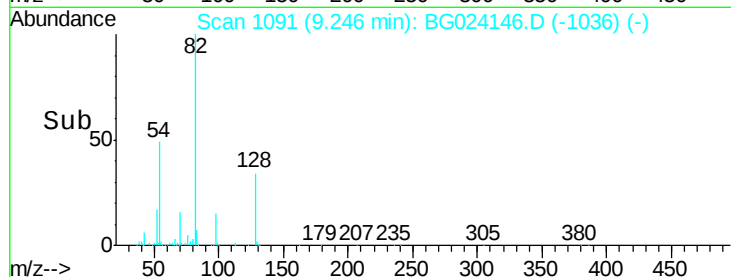
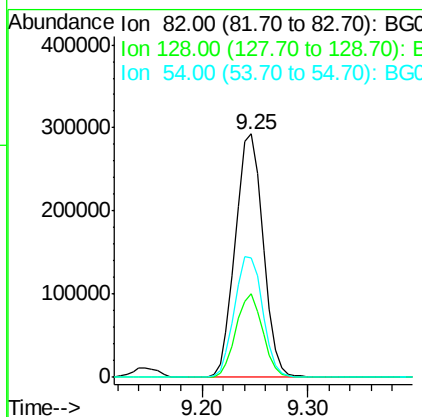
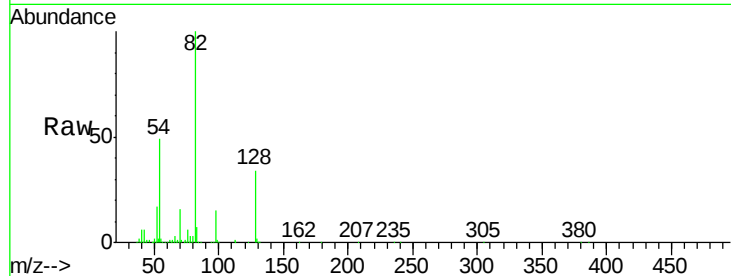




#23
Nitrobenzene-d5
Concen: 73.69 ng
RT: 9.25 min Scan# 1091
Delta R.T. 0.02 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

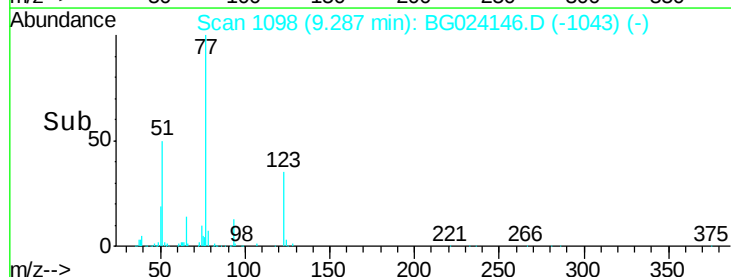
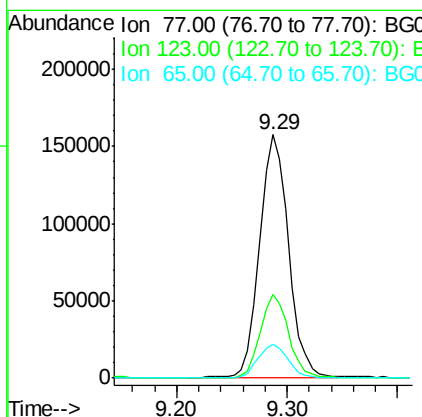
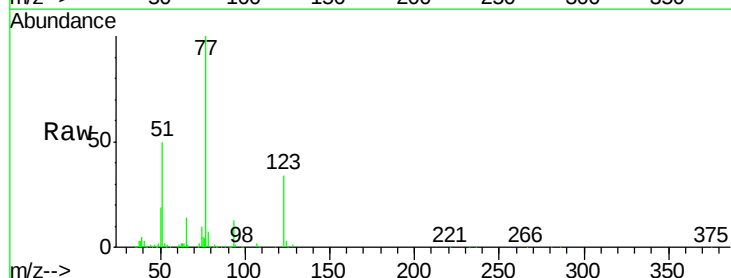
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

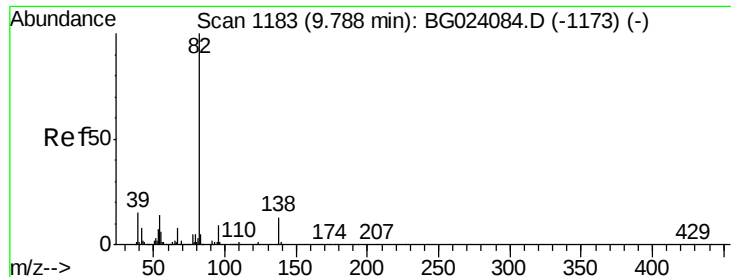
Tot Ion	82	Resp	533500
Ion Ratio	Lower	Upper	
82	100		
128	34.3	24.4	36.6
54	49.0	41.4	62.0



#24
Nitrobenzene
Concen: 37.62 ng
RT: 9.29 min Scan# 1098
Delta R.T. 0.02 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Tgt Ion	77	Resp	291948
Ion Ratio	Lower	Upper	
77	100		
123	34.3	25.0	37.6
65	13.9	13.4	20.0





#25

Isophorone

Concen: 36.57 ng

RT: 9.80 min Scan# 1186

Delta R.T. 0.02 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

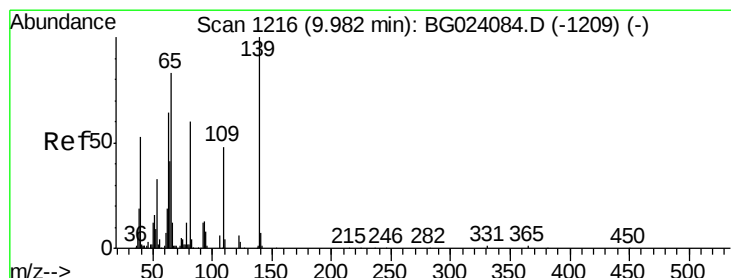
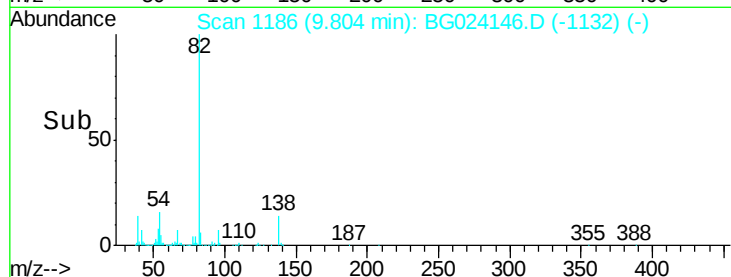
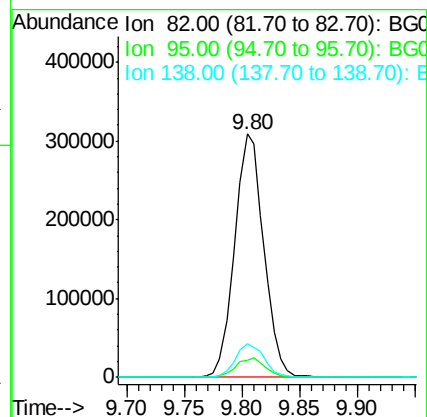
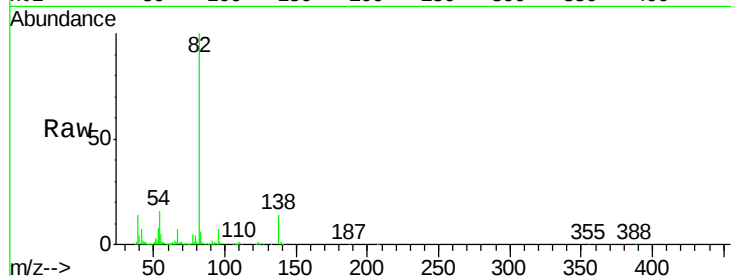
Tot Ion: 82 Resp: 540086

Ion Ratio Lower Upper

82 100

95 7.1 8.2 12.2#

138 13.6 10.7 16.1



#26

2-Nitrophenol

Concen: 38.44 ng

RT: 10.00 min Scan# 1220

Delta R.T. 0.02 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

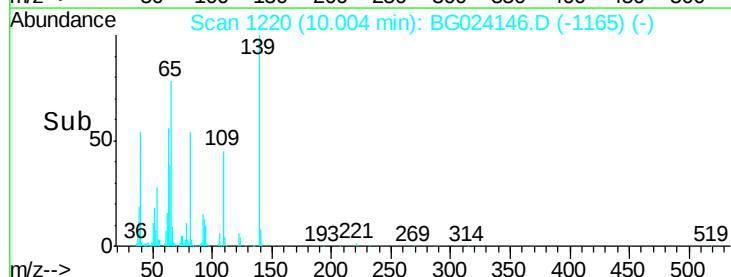
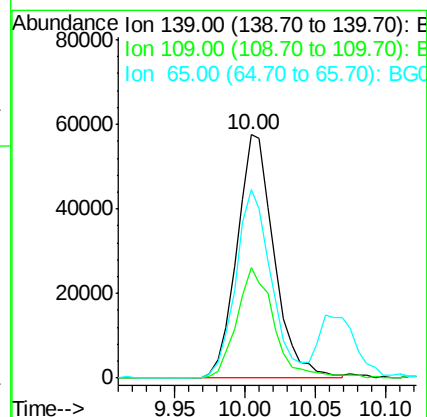
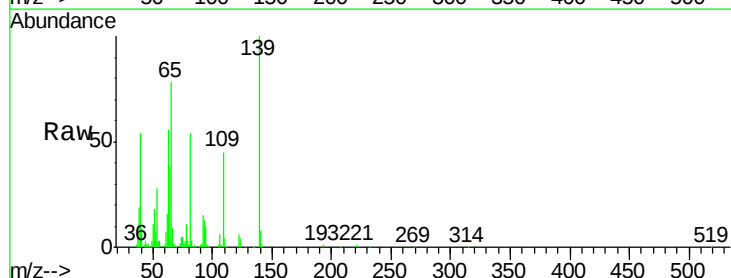
Tgt Ion: 139 Resp: 105809

Ion Ratio Lower Upper

139 100

109 45.4 43.5 65.3

65 77.5 64.3 96.5

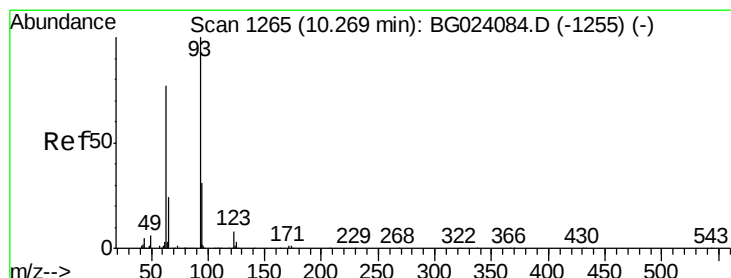
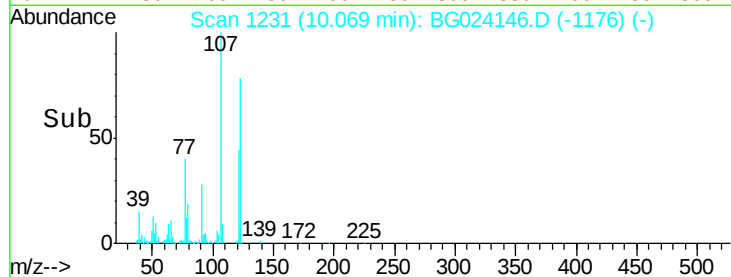
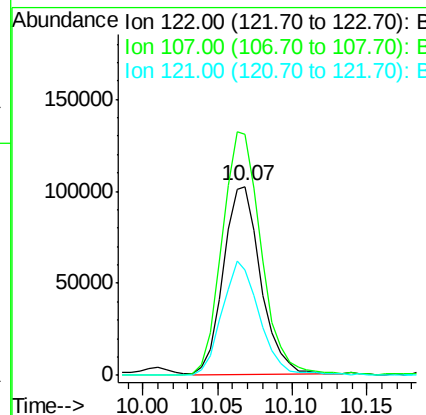
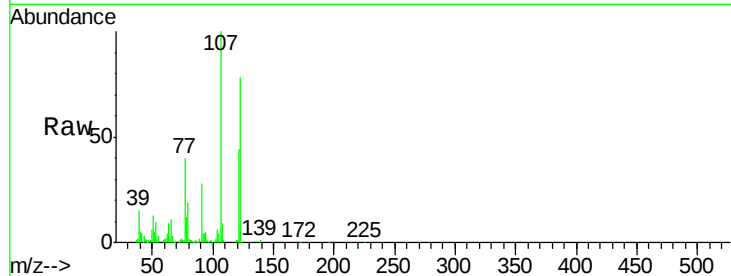




#27
 2,4-Dimethylphenol
 Concen: 38.81 ng
 RT: 10.07 min Scan# 1231
 Delta R.T. 0.02 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

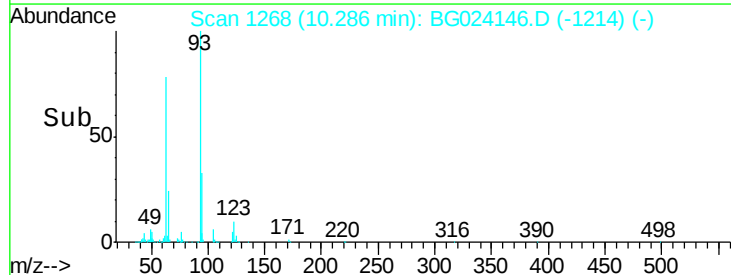
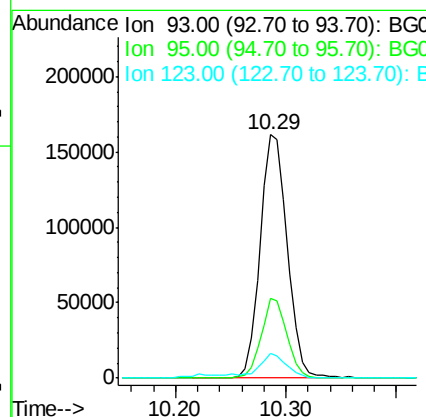
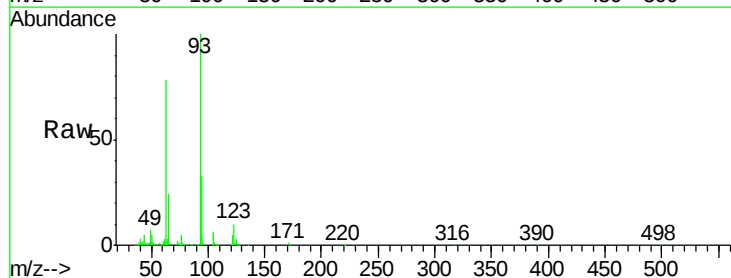
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

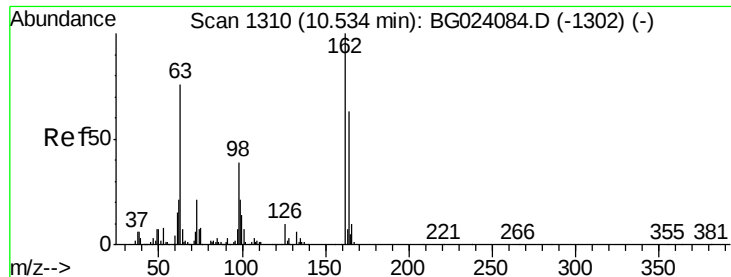
Tot Ion:122 Resp: 178644
 Ion Ratio Lower Upper
 122 100
 107 127.7 117.0 175.4
 121 55.7 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.76 ng
 RT: 10.29 min Scan# 1268
 Delta R.T. 0.02 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

Tgt Ion: 93 Resp: 278355
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.4 38.2
 123 10.4 8.2 12.2

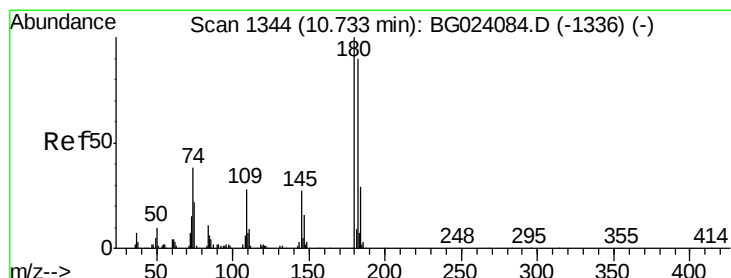
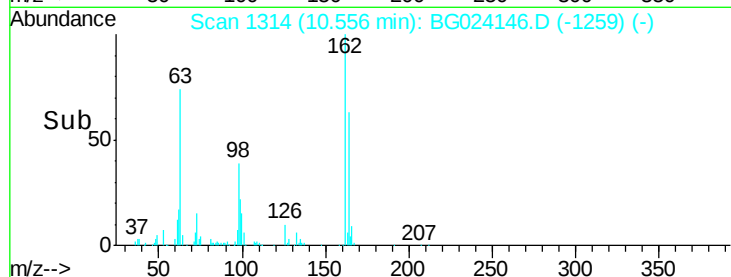
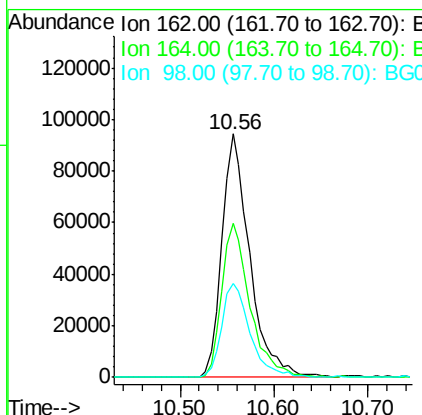
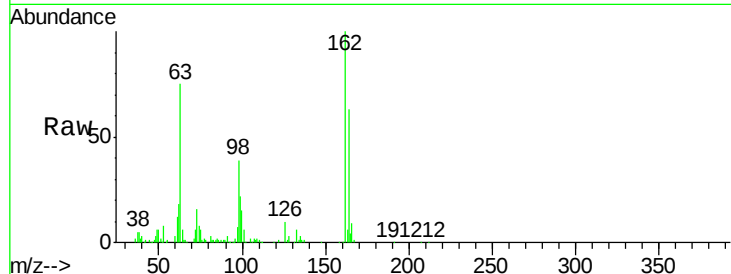




#29
 2,4-Dichlorophenol
 Concen: 40.63 ng
 RT: 10.56 min Scan# 1314
 Delta R.T. 0.02 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

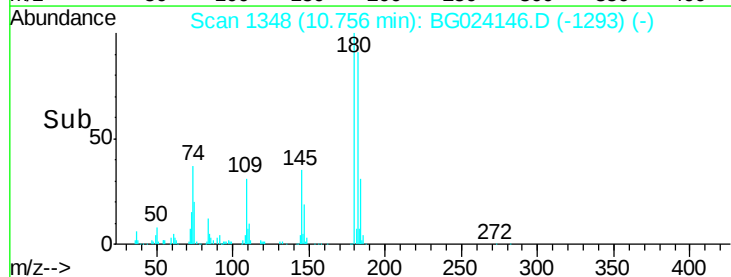
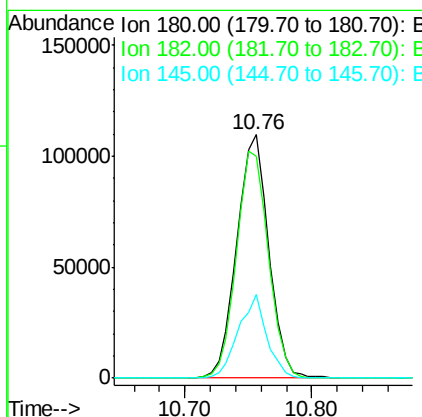
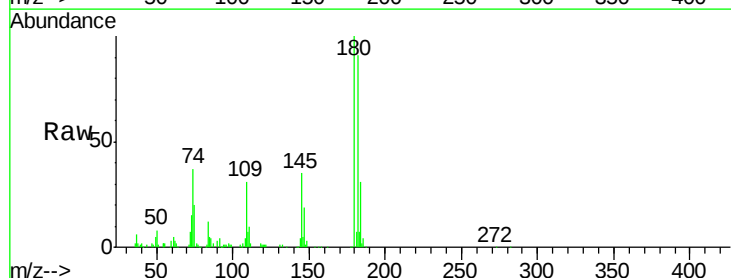
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

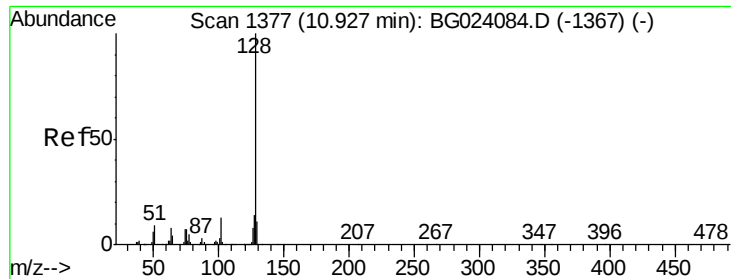
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.3	84.3
98	38.7	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 37.27 ng
 RT: 10.76 min Scan# 1348
 Delta R.T. 0.02 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.2	73.8	110.8
145	34.6	24.4	36.6

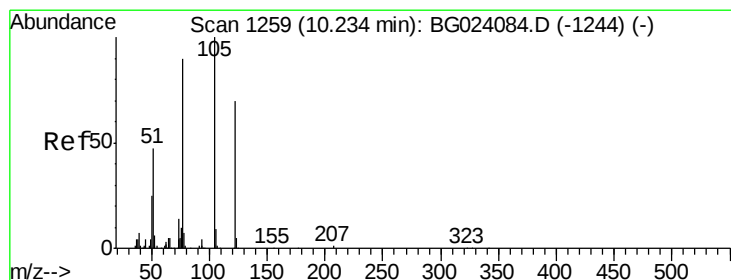
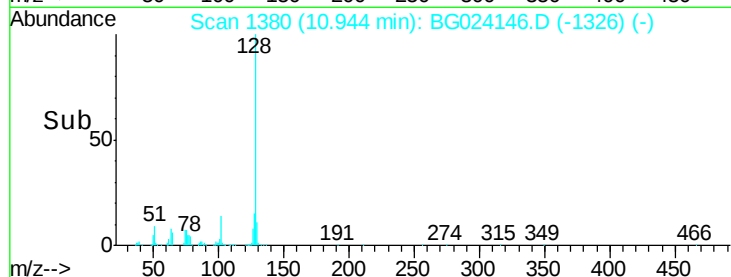
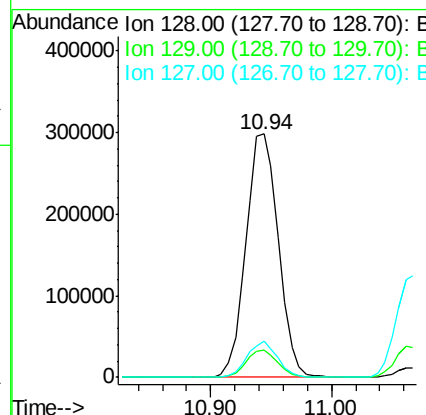
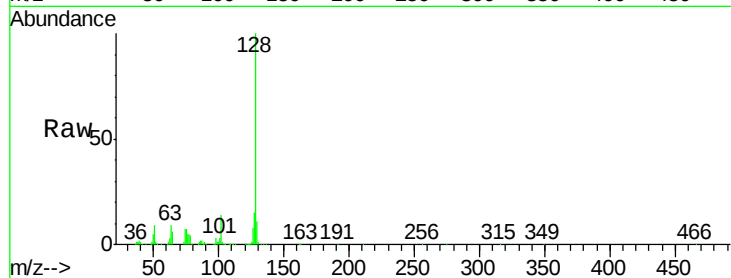




#31
Naphthalene
Concen: 38.68 ng
RT: 10.94 min Scan# 1380
Delta R.T. 0.02 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

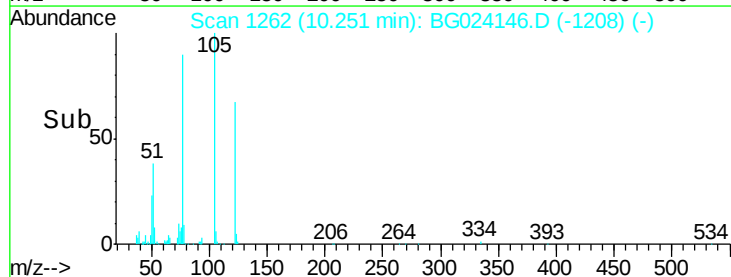
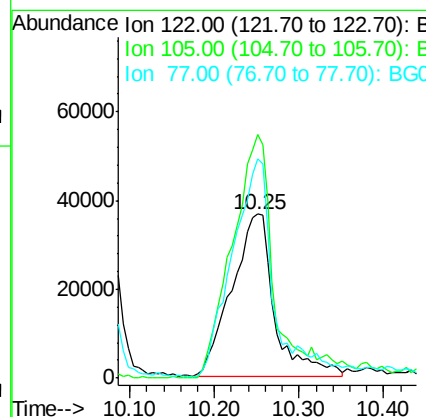
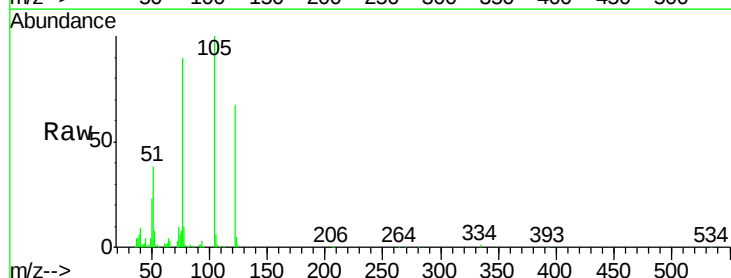
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

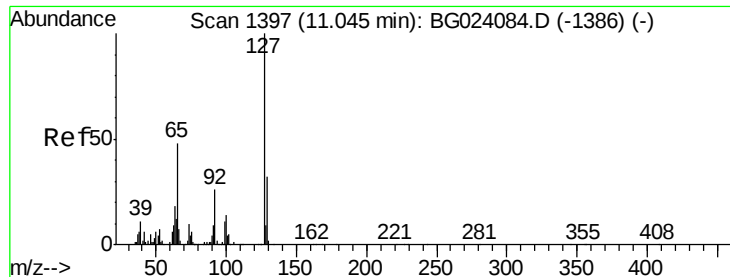
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	14.6	11.3	16.9



#32
Benzoic acid
Concen: 37.28 ng
RT: 10.25 min Scan# 1262
Delta R.T. 0.02 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	148.8	117.2	157.2
77	133.7	109.2	149.2

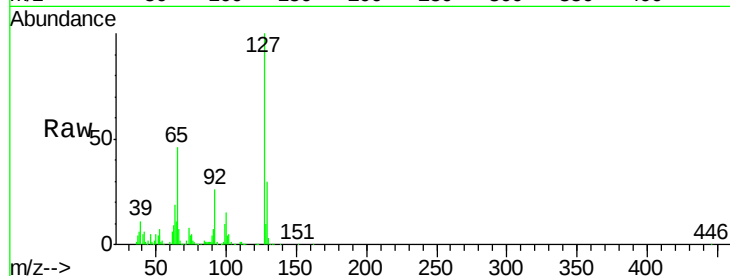




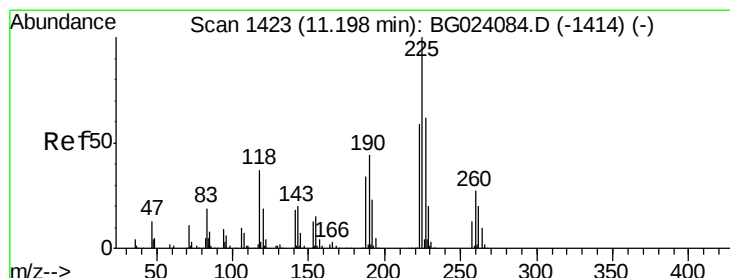
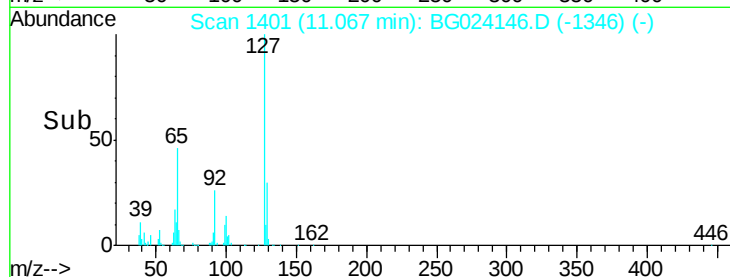
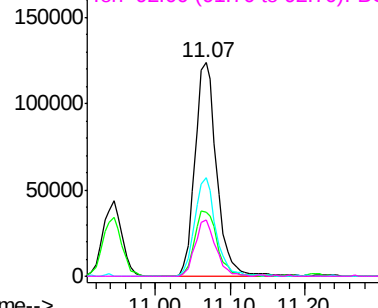
#33
4-Chloroaniline
Concen: 38.90 ng
RT: 11.07 min Scan# 1401
Delta R.T. 0.02 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:	127	Resp:	251008
Ion	Ratio	Lower	Upper
127	100		
129	30.1	27.9	41.9
65	46.1	36.8	55.2
92	26.1	21.0	31.6

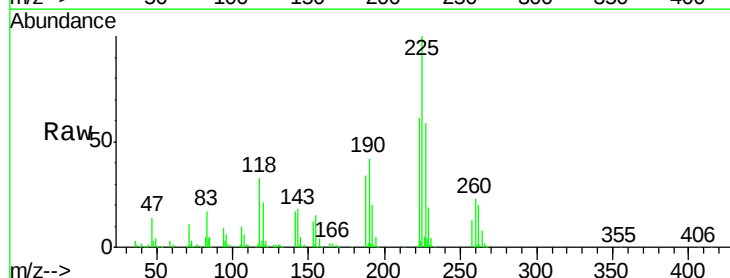


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

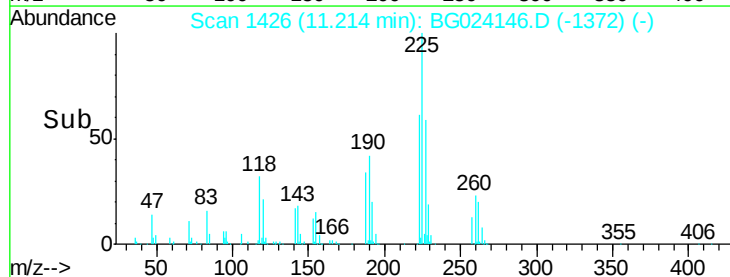
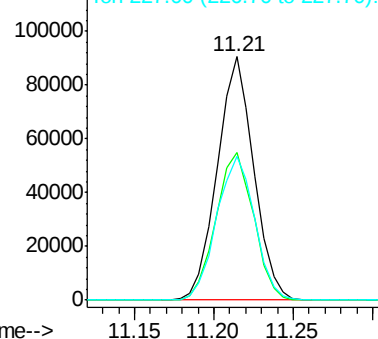


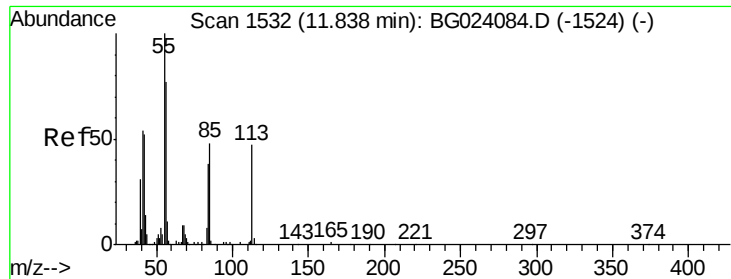
#34
Hexachlorobutadiene
Concen: 35.88 ng
RT: 11.21 min Scan# 1426
Delta R.T. 0.02 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Tgt Ion:	225	Resp:	144842
Ion	Ratio	Lower	Upper
225	100		
223	60.7	49.6	74.4
227	58.9	54.5	81.7



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





#35

Caprolactam

Concen: 36.69 ng

RT: 11.85 min Scan# 1535

Delta R.T. 0.02 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

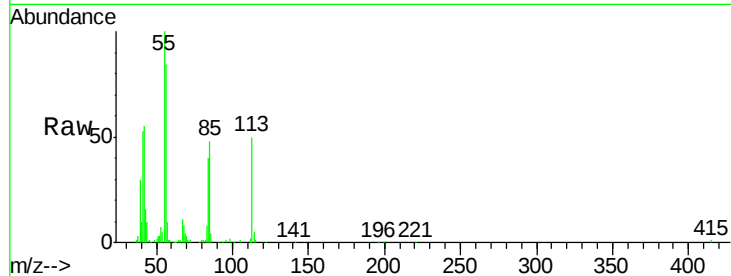
Tot Ion:113 Resp: 71510

Ion Ratio Lower Upper

113 100

55 201.2 154.5 194.5#

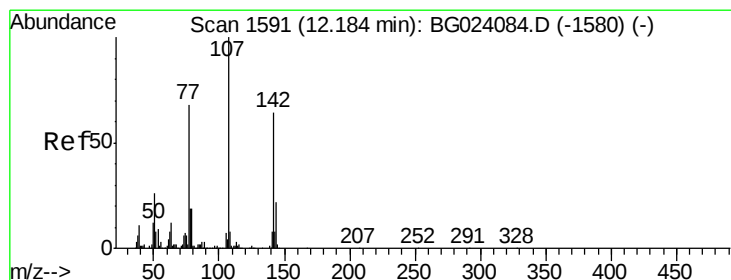
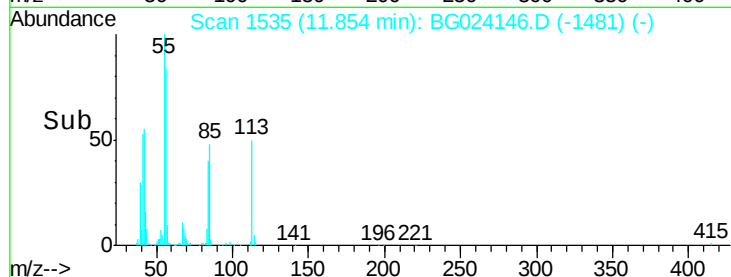
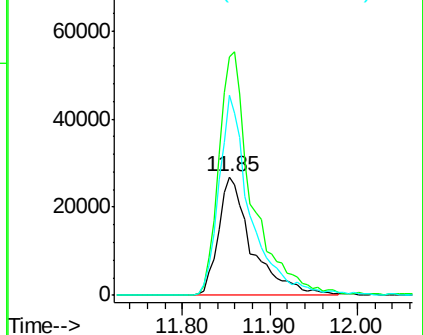
56 168.5 125.1 165.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.18 ng

RT: 12.20 min Scan# 1594

Delta R.T. 0.02 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

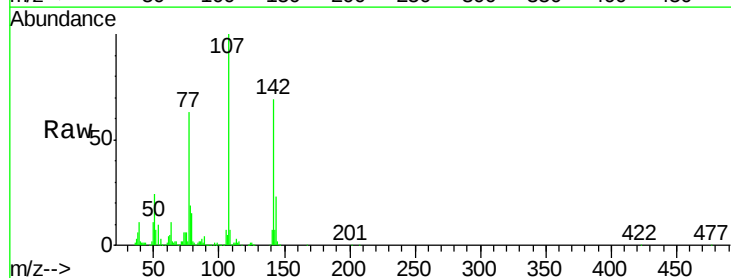
Tgt Ion:107 Resp: 270885

Ion Ratio Lower Upper

107 100

144 22.6 17.0 25.6

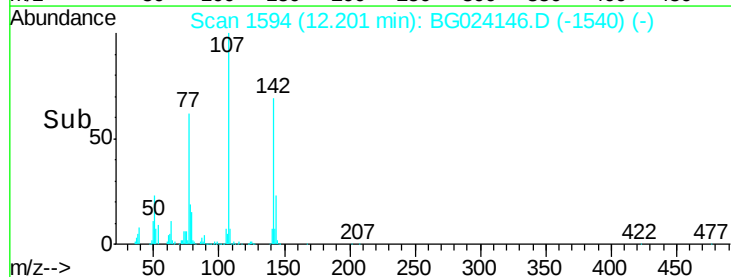
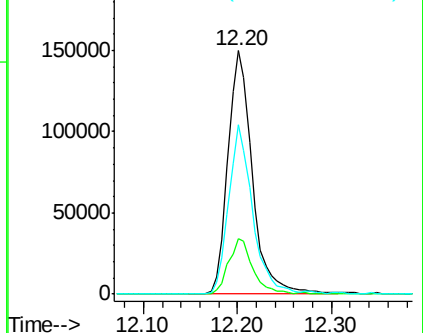
142 69.4 53.0 79.6

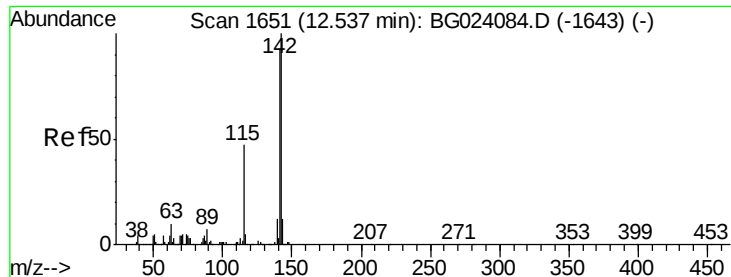


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

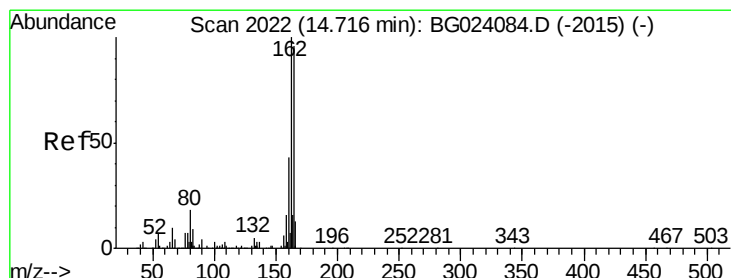
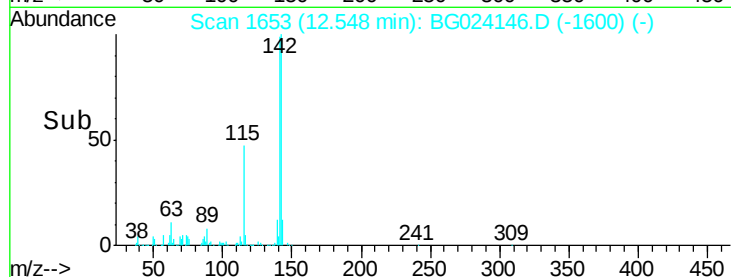
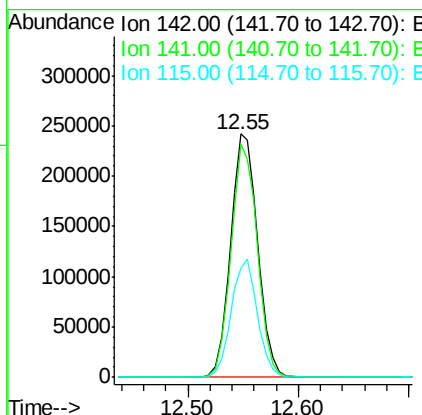
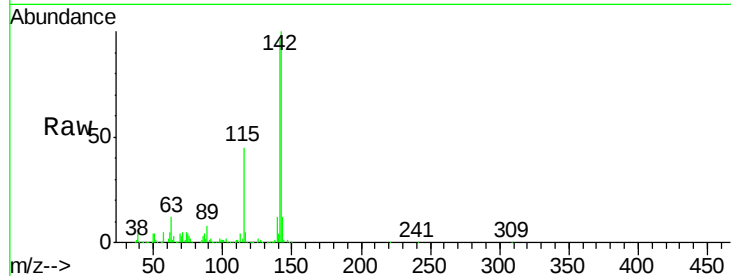




#37
2-Methylnaphthalene
Concen: 37.60 ng
RT: 12.55 min Scan# 1653
Delta R.T. 0.01 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

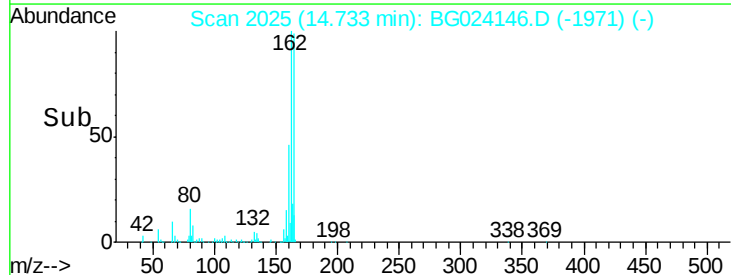
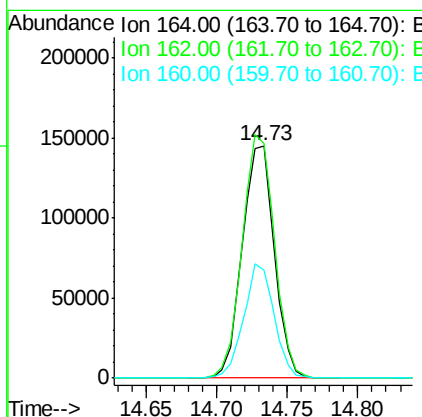
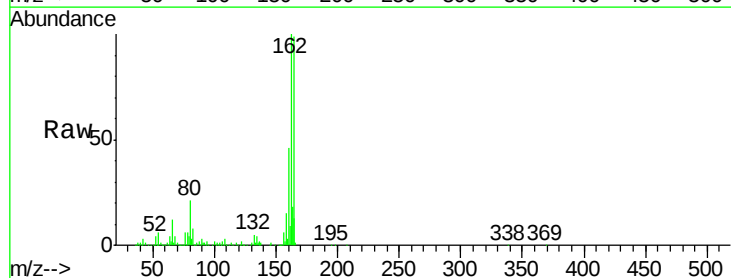
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

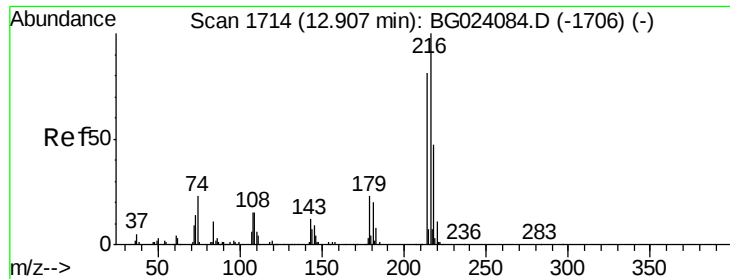
Tot Ion:142 Resp: 416222
Ion Ratio Lower Upper
142 100
141 95.8 70.2 105.2
115 45.1 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2025
Delta R.T. 0.02 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Tgt Ion:164 Resp: 231539
Ion Ratio Lower Upper
164 100
162 100.9 87.7 131.5
160 46.4 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.83 ng

RT: 12.92 min Scan# 1716

Delta R.T. 0.01 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 262505

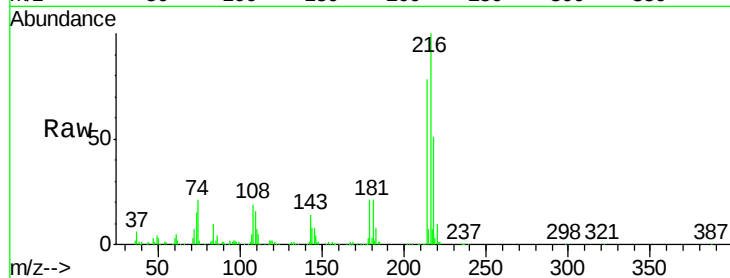
Ion Ratio Lower Upper

216 100

214 77.2 62.9 94.3

179 21.9 17.2 25.8

108 18.9 16.3 24.5

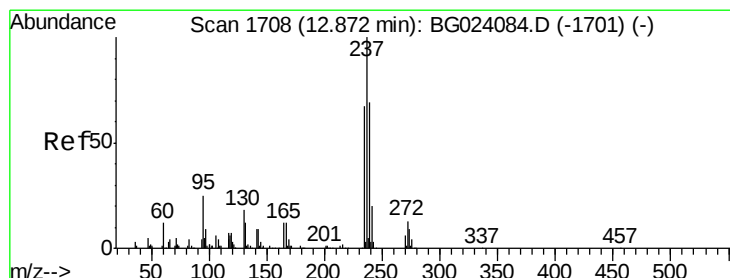
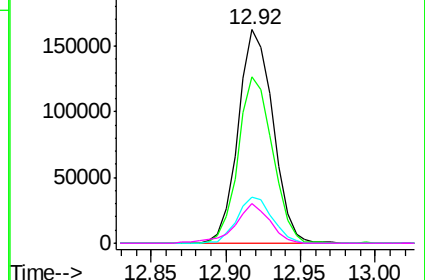
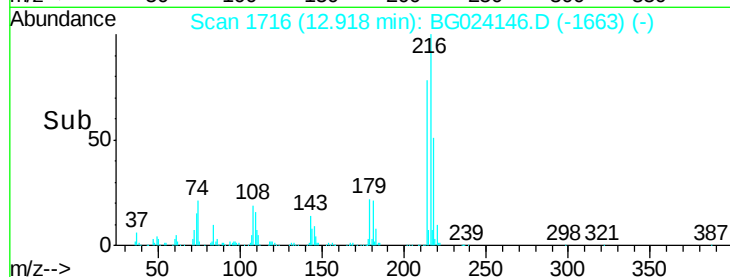


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 35.77 ng

RT: 12.89 min Scan# 1711

Delta R.T. 0.02 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

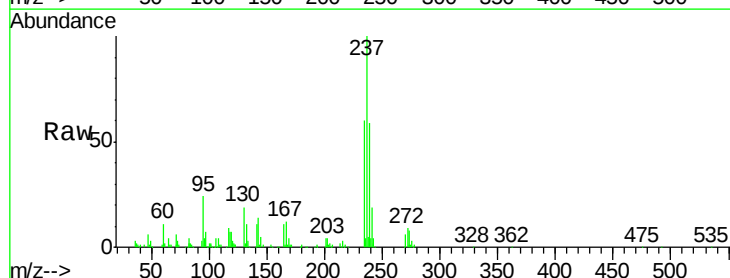
Tgt Ion:237 Resp: 90957

Ion Ratio Lower Upper

237 100

235 59.6 43.1 83.1

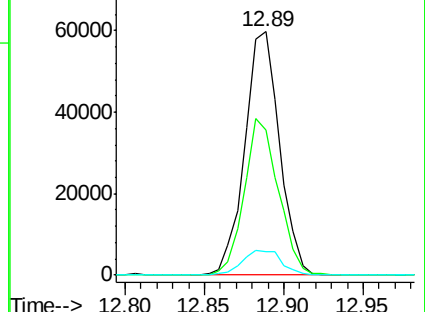
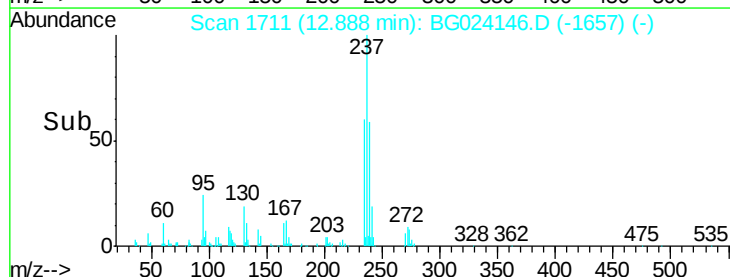
272 9.5 0.0 30.9

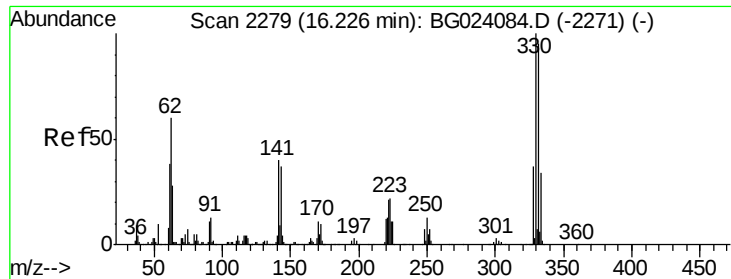


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

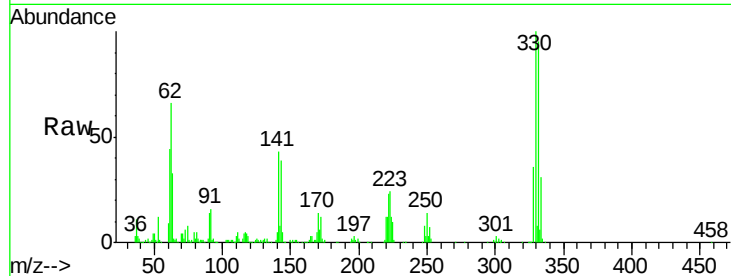




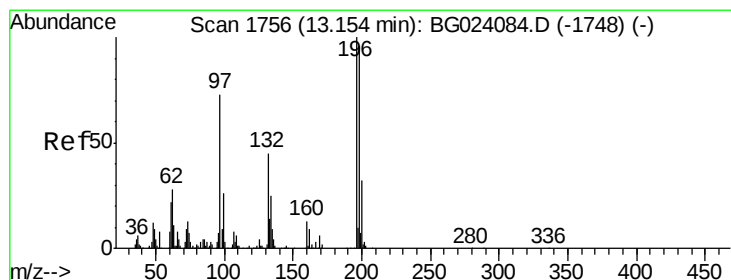
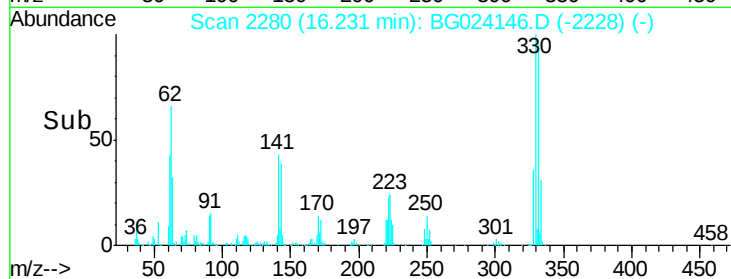
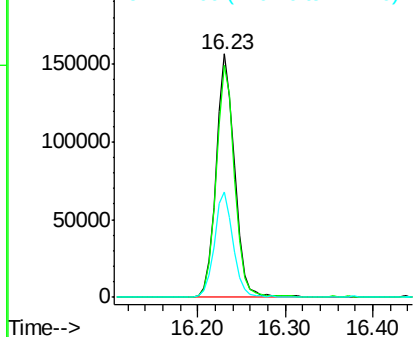
#41
 2,4,6-Tribromophenol
 Concen: 69.03 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:330 Resp: 229735
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.4 116.2
 141 43.7 31.7 47.5

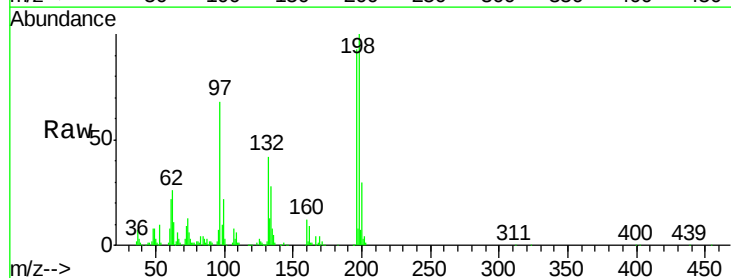


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

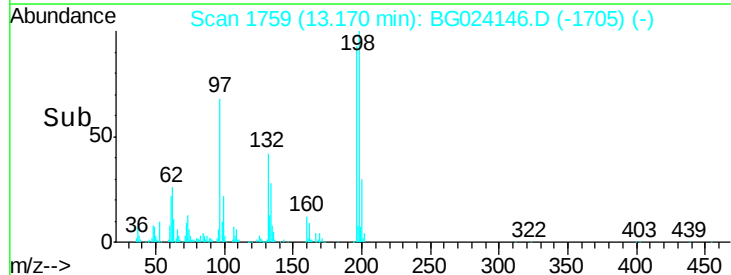
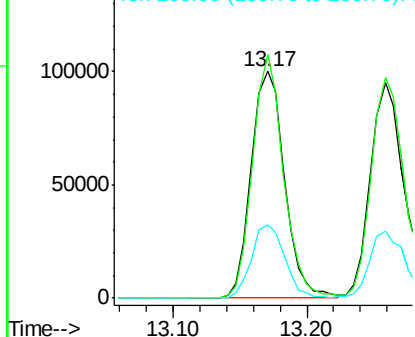


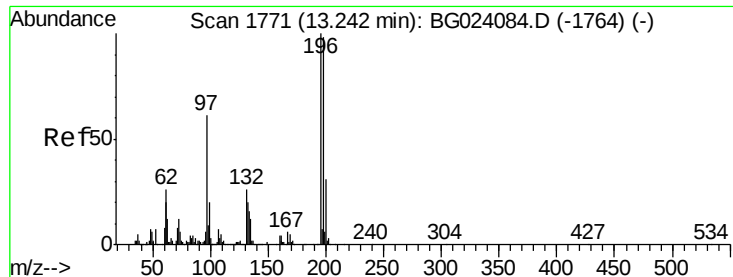
#42
 2,4,6-Trichlorophenol
 Concen: 39.46 ng
 RT: 13.17 min Scan# 1759
 Delta R.T. 0.02 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

Tgt Ion:196 Resp: 172524
 Ion Ratio Lower Upper
 196 100
 198 107.5 78.2 117.2
 200 32.7 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

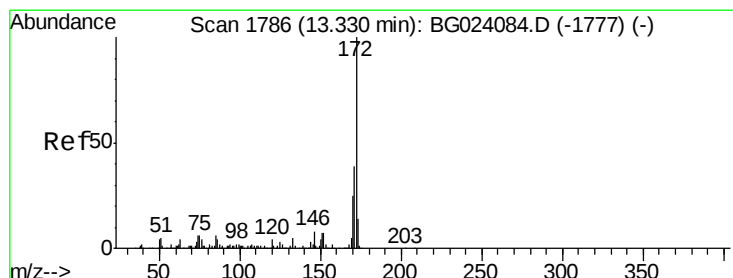
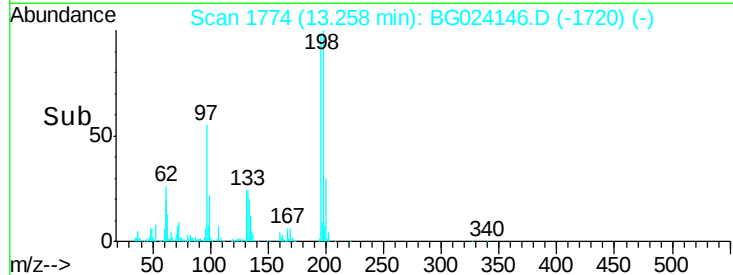
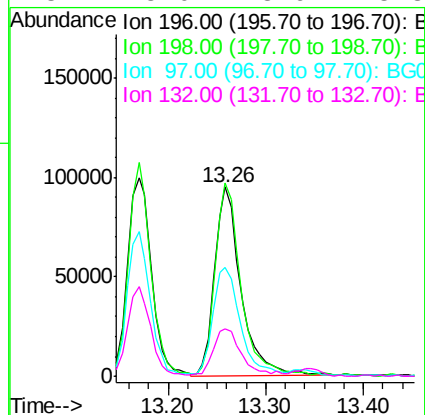
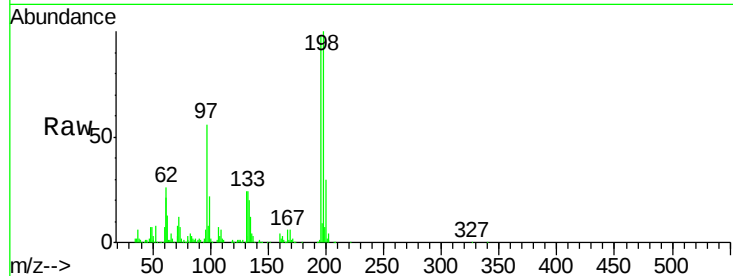




#43
2,4,5-Trichlorophenol
Concen: 39.53 ng
RT: 13.26 min Scan# 1774
Delta R.T. 0.02 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

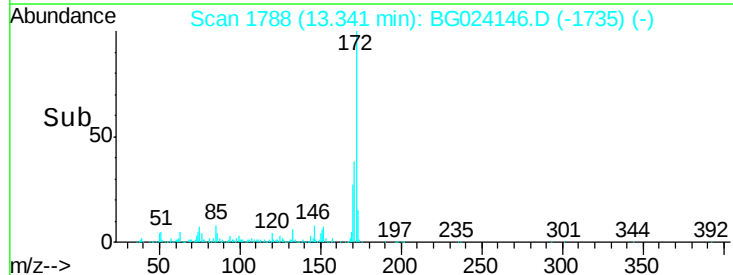
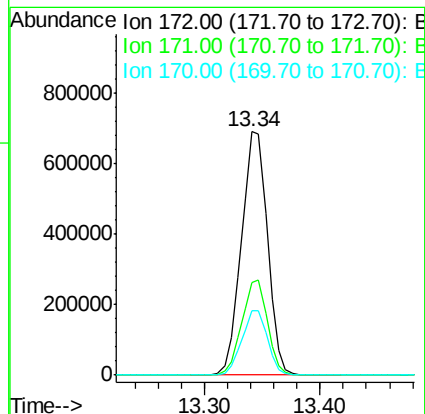
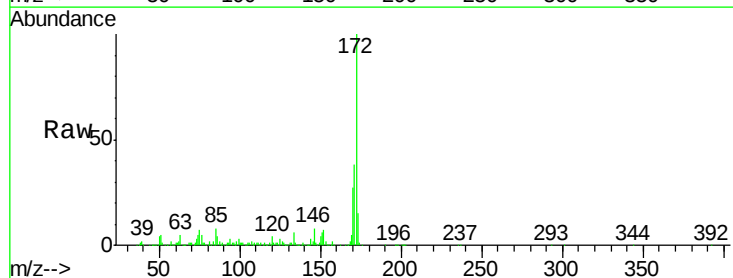
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

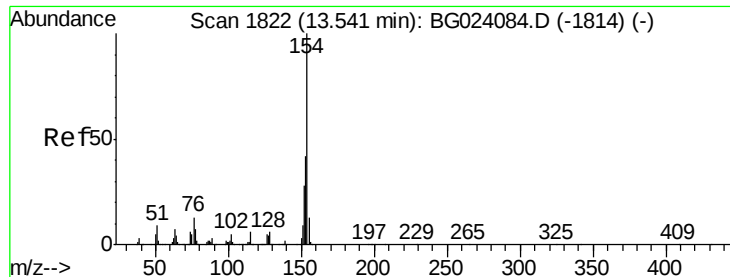
Tot Ion:196 Resp: 177801
Ion Ratio Lower Upper
196 100
198 102.3 85.7 128.5
97 57.4 45.5 68.3
132 25.0 18.9 28.3



#44
2-Fluorobiphenyl
Concen: 78.42 ng
RT: 13.34 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Tgt Ion:172 Resp: 1080207
Ion Ratio Lower Upper
172 100
171 38.1 31.6 47.4
170 26.7 21.3 31.9





#45

1,1'-Biphenyl

Concen: 40.91 ng

RT: 13.56 min Scan# 1825

Delta R.T. 0.02 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

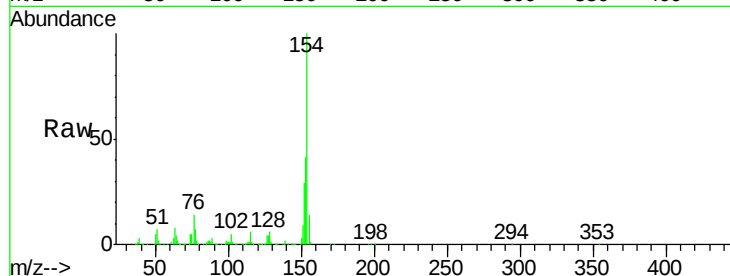
Tot Ion:154 Resp: 647757

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.2	60.2
76	13.8	0.0	32.9

154 100

153 41.2 20.2 60.2

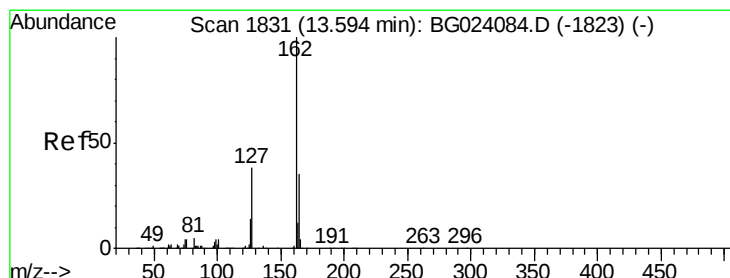
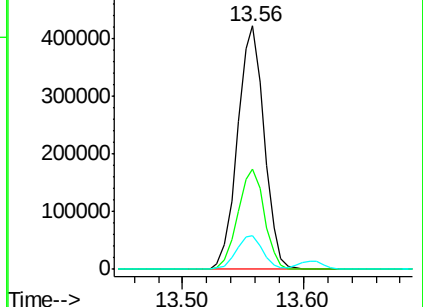
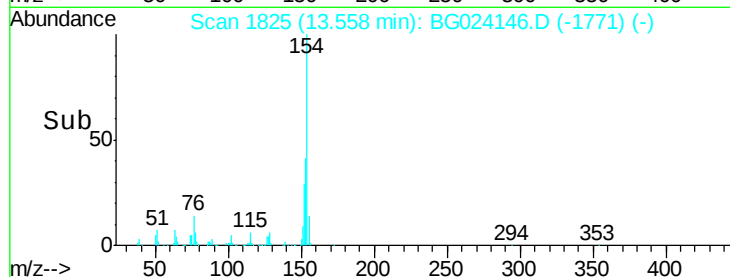
76 13.8 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 39.89 ng

RT: 13.61 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

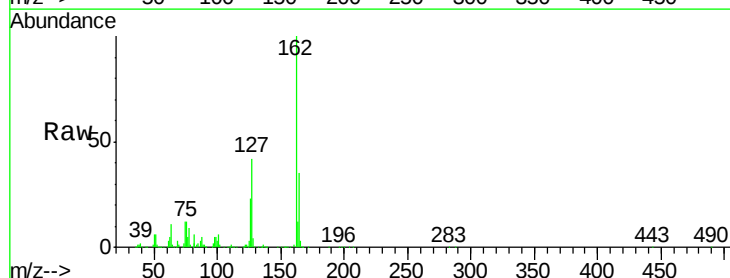
Tgt Ion:162 Resp: 471611

Ion	Ratio	Lower	Upper
162	100		
127	42.1	32.4	48.6
164	34.9	25.2	37.8

162 100

127 42.1 32.4 48.6

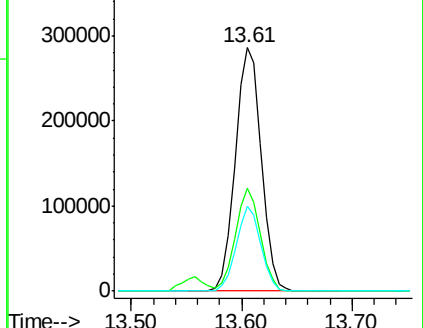
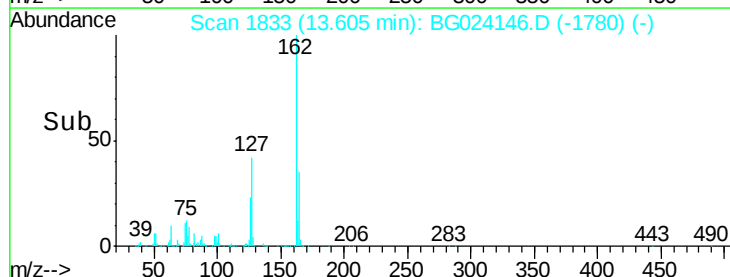
164 34.9 25.2 37.8

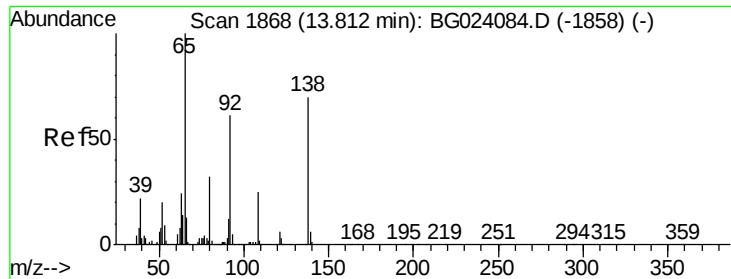


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

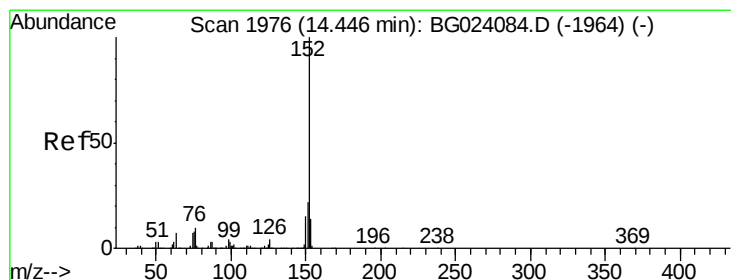
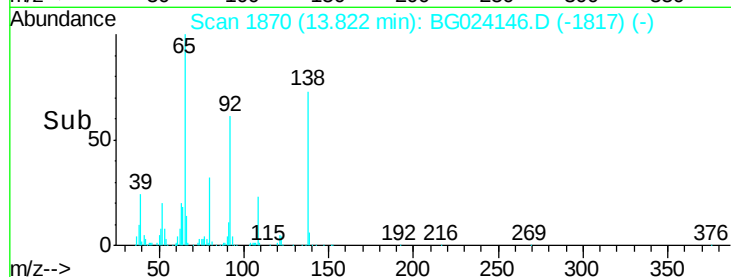
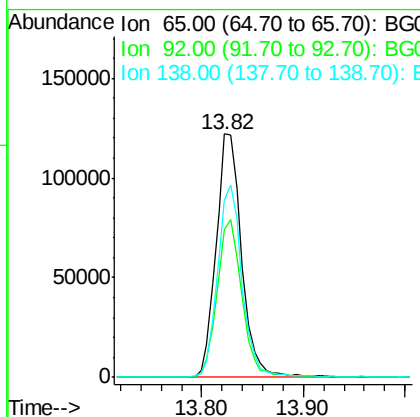
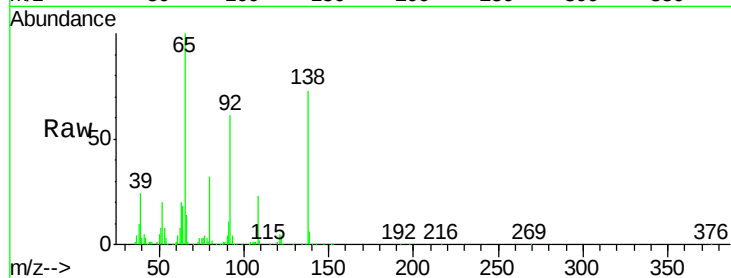




#47
2-Nitroaniline
Concen: 38.78 ng
RT: 13.82 min Scan# 1870
Delta R.T. 0.01 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

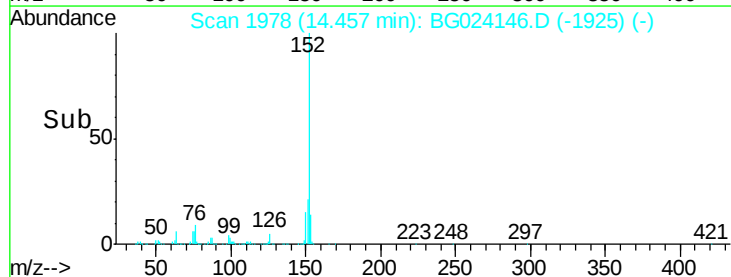
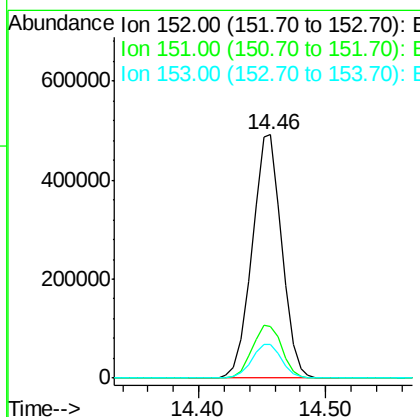
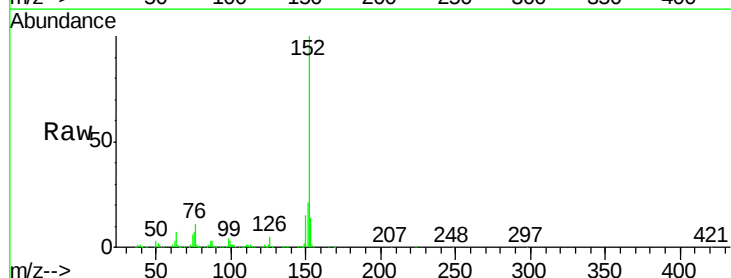
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

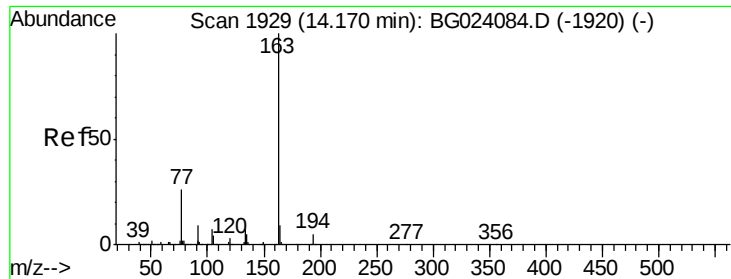
Tot Ion: 65 Resp: 213344
Ion Ratio Lower Upper
65 100
92 60.7 49.4 74.0
138 72.8 58.0 87.0



#48
Acenaphthylene
Concen: 39.78 ng
RT: 14.46 min Scan# 1978
Delta R.T. 0.01 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Tgt Ion: 152 Resp: 798372
Ion Ratio Lower Upper
152 100
151 21.4 17.6 26.4
153 13.9 11.4 17.2





#49

Dimethylphthalate

Concen: 38.50 ng

RT: 14.18 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

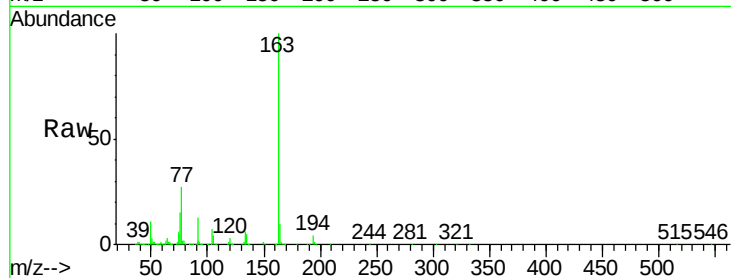
Tot Ion:163 Resp: 683819

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

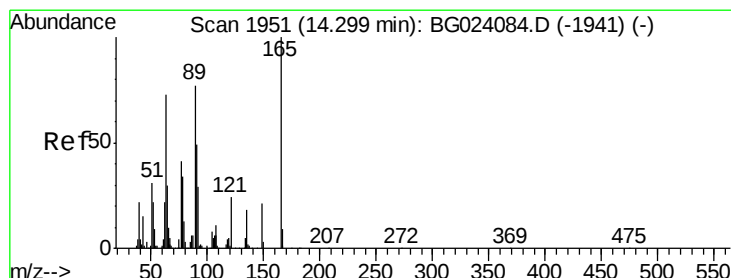
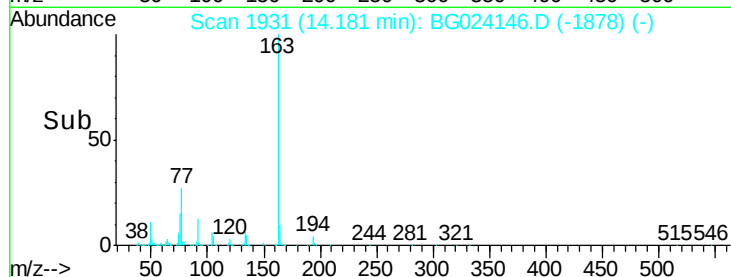
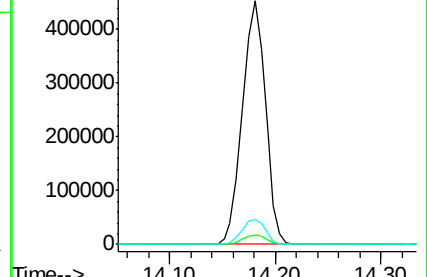
164 10.3 8.1 12.1



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: 40.38 ng

RT: 14.32 min Scan# 1954

Delta R.T. 0.02 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

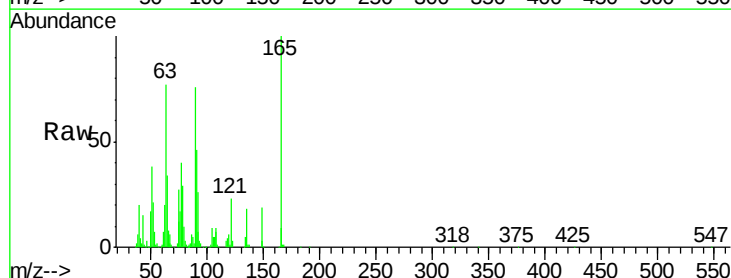
Tgt Ion:165 Resp: 150674

Ion Ratio Lower Upper

165 100

63 77.4 64.3 96.5

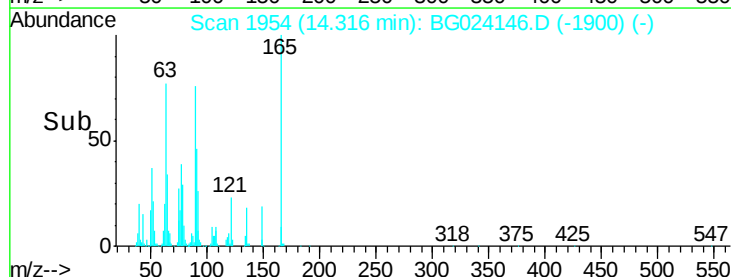
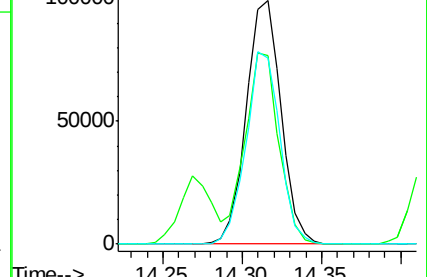
89 76.4 64.3 96.5

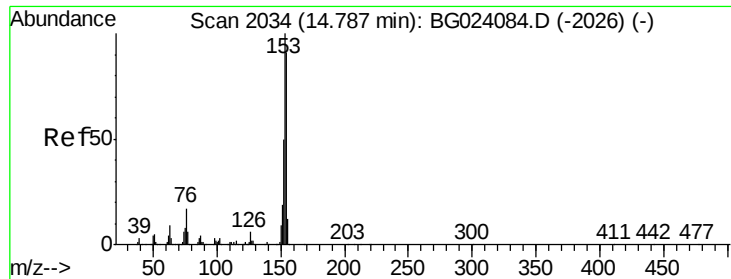


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.19 ng

RT: 14.79 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

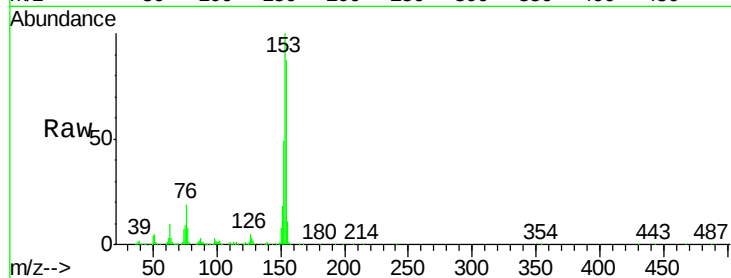
Tot Ion:154 Resp: 477028

Ion Ratio Lower Upper

154 100

153 114.3 87.5 131.3

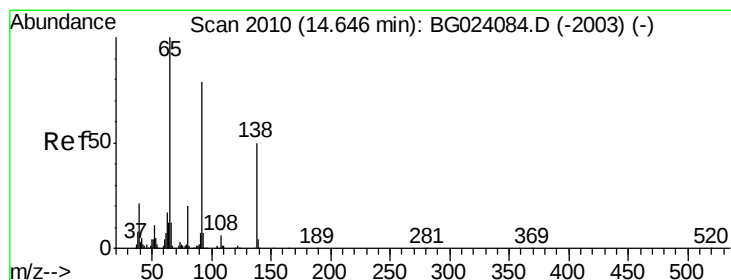
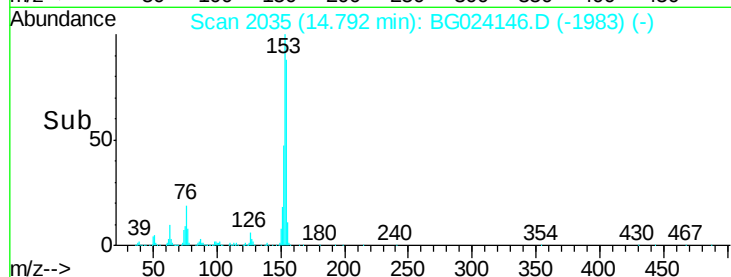
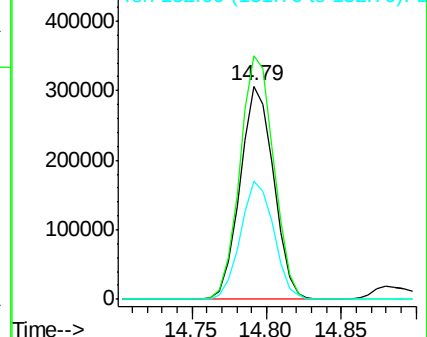
152 55.7 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.09 ng

RT: 14.66 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

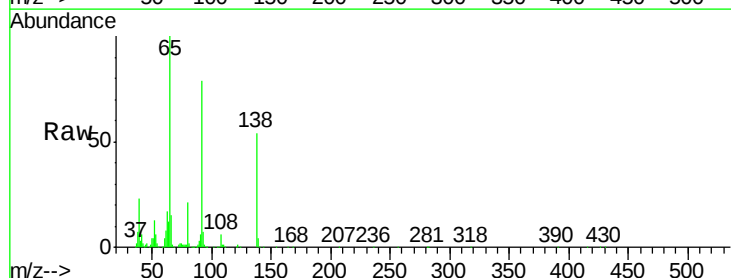
Tgt Ion:138 Resp: 145679

Ion Ratio Lower Upper

138 100

108 11.5 11.7 17.5#

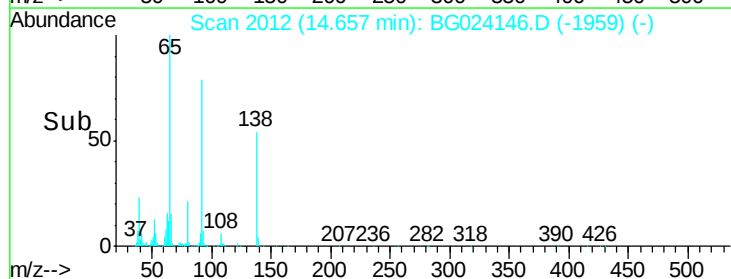
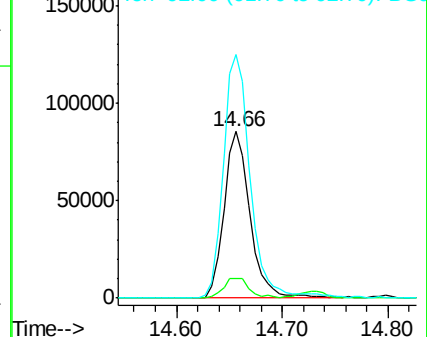
92 146.4 129.7 194.5

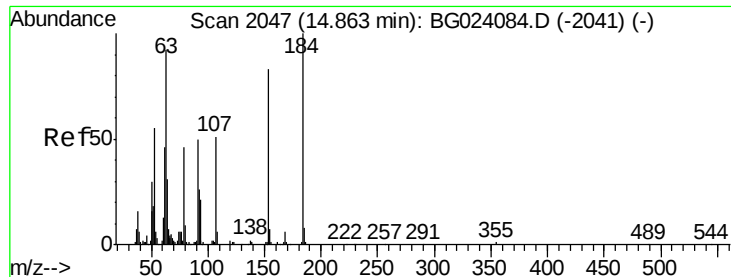


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

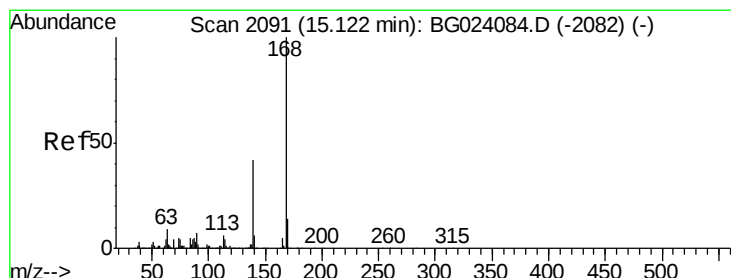
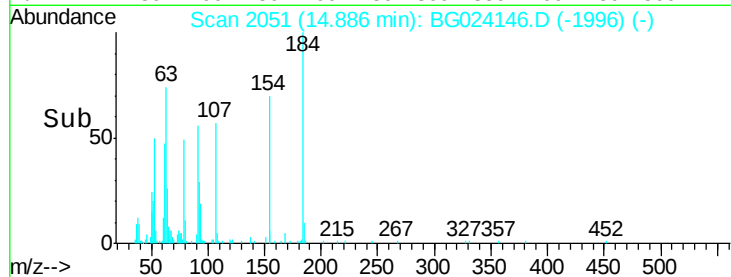
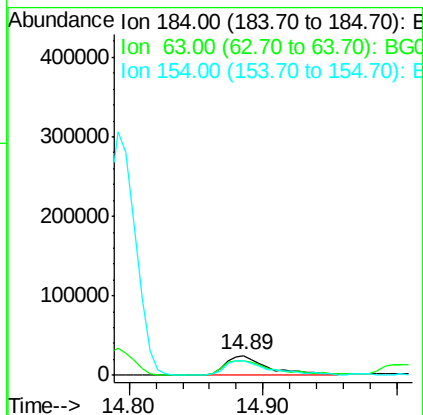
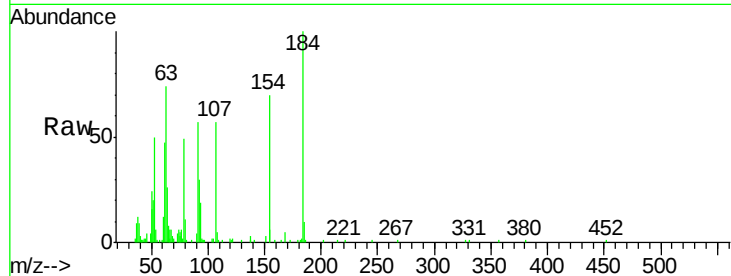




#53
 2,4-Dinitrophenol
 Concen: 27.36 ng
 RT: 14.89 min Scan# 2051
 Delta R.T. 0.02 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

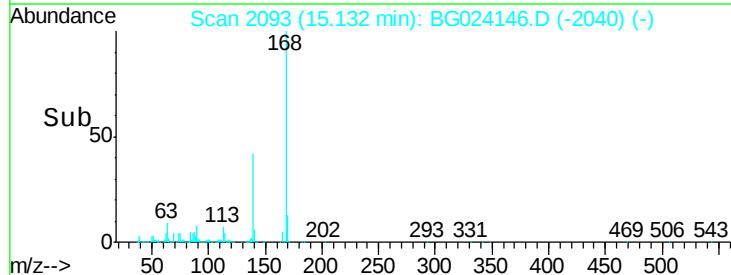
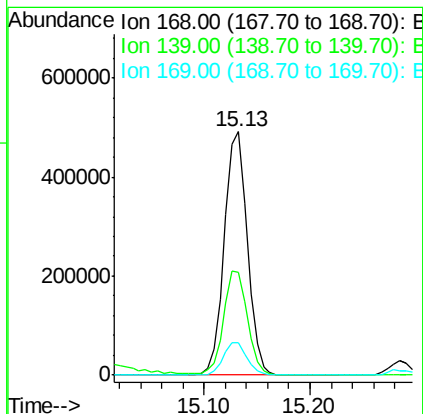
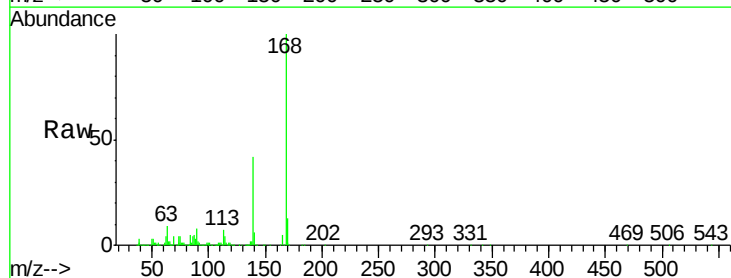
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

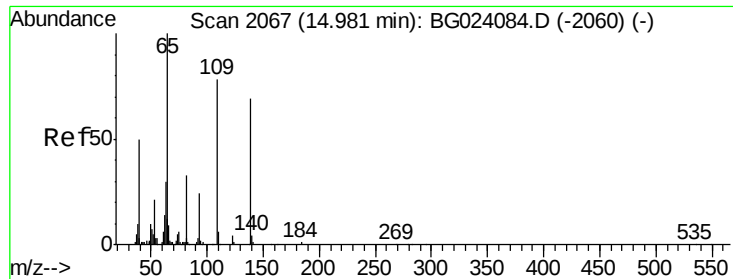
Tot Ion:184 Resp: 56368
 Ion Ratio Lower Upper
 184 100
 63 74.0 59.6 89.4
 154 70.4 67.4 101.0



#54
 Dibenzofuran
 Concen: 39.18 ng
 RT: 15.13 min Scan# 2093
 Delta R.T. 0.01 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

Tgt Ion:168 Resp: 742456
 Ion Ratio Lower Upper
 168 100
 139 42.2 36.4 54.6
 169 13.2 11.9 17.9

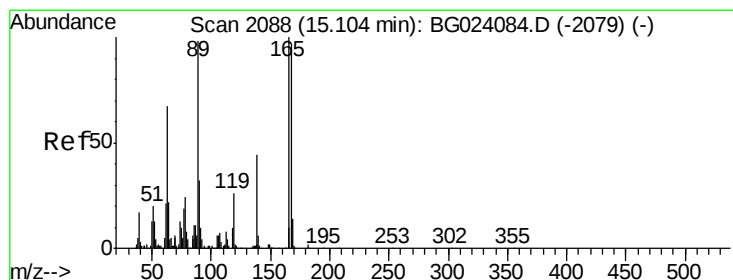
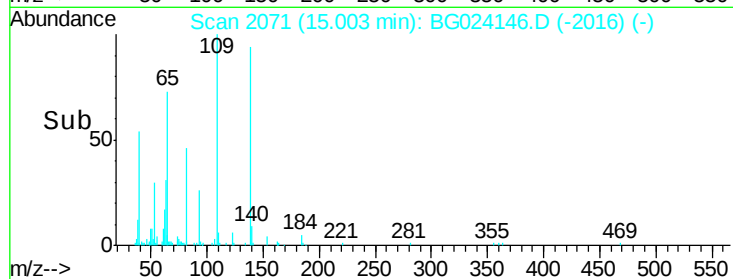
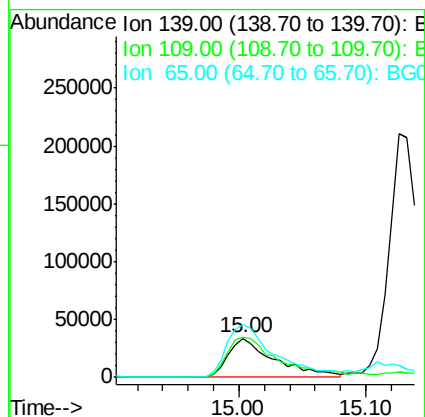
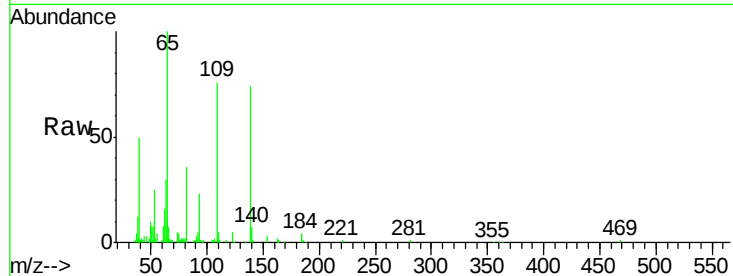




#55
4-Nitrophenol
Concen: 32.39 ng
RT: 15.00 min Scan# 2071
Delta R.T. 0.02 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

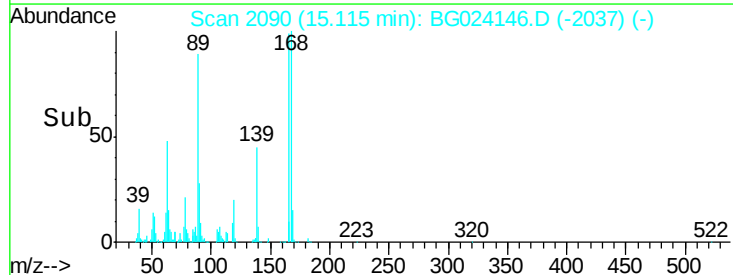
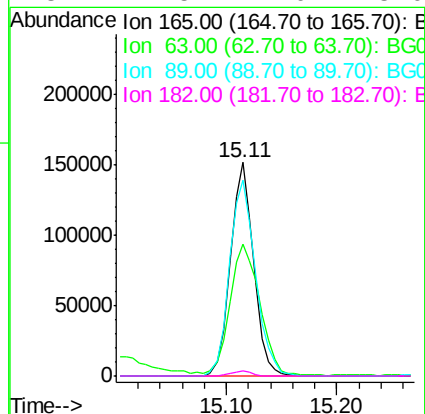
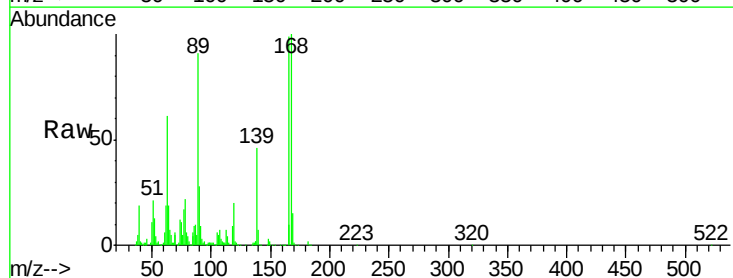
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

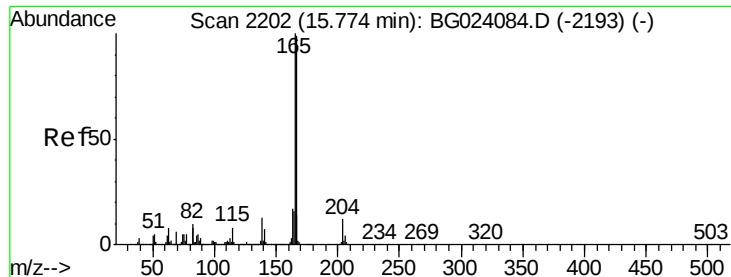
Tot Ion:139 Resp: 85769
Ion Ratio Lower Upper
139 100
109 103.3 103.0 143.0
65 135.2 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 39.16 ng
RT: 15.11 min Scan# 2090
Delta R.T. 0.01 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Tgt Ion:165 Resp: 222363
Ion Ratio Lower Upper
165 100
63 61.6 45.8 68.6
89 91.9 68.6 102.8
182 2.5 2.0 3.0





#57

Fluorene

Concen: 38.36 ng

RT: 15.78 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

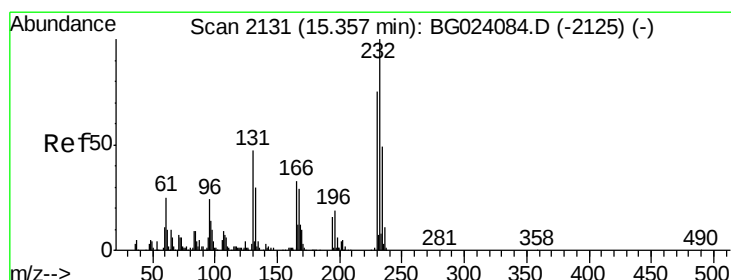
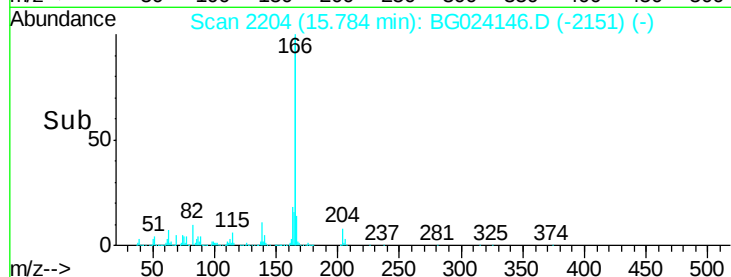
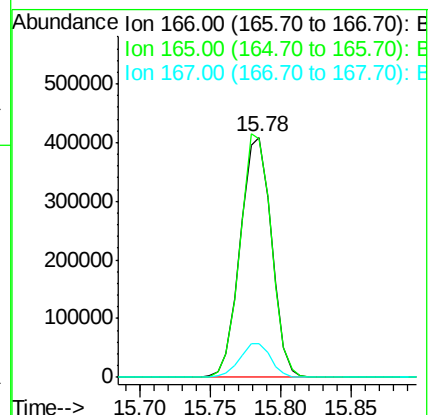
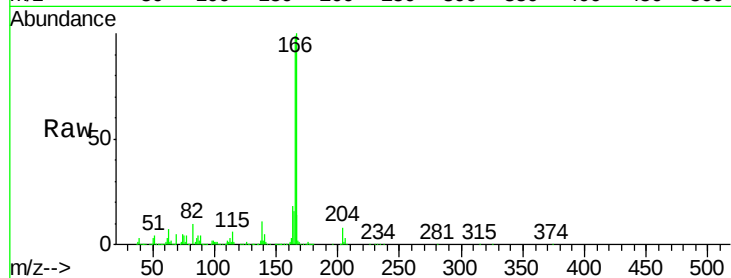
Tot Ion:166 Resp: 632770

Ion Ratio Lower Upper

166 100

165 99.3 81.0 121.6

167 14.2 12.0 18.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.83 ng

RT: 15.37 min Scan# 2133

Delta R.T. 0.01 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Tgt Ion:232 Resp: 164353

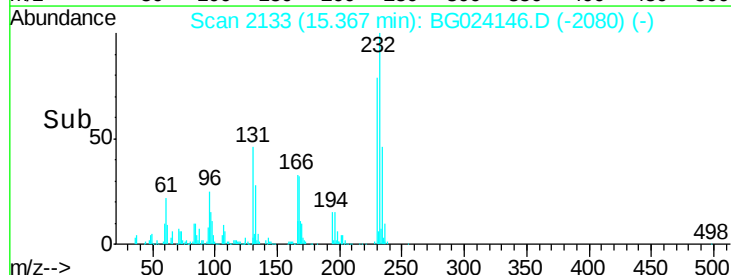
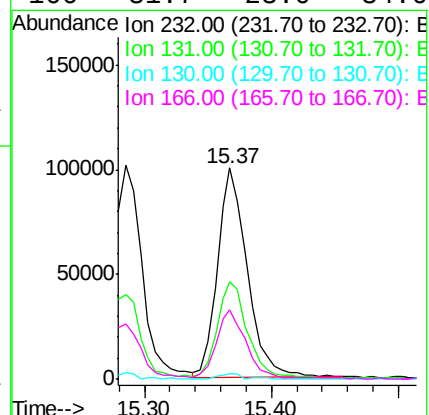
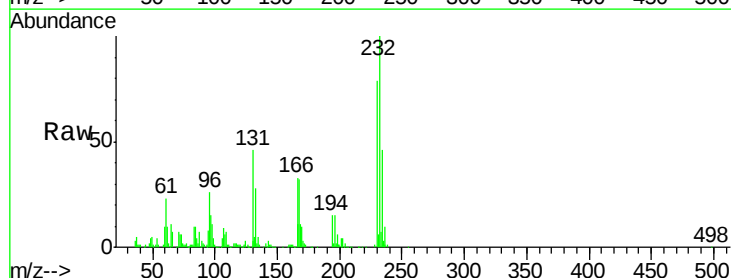
Ion Ratio Lower Upper

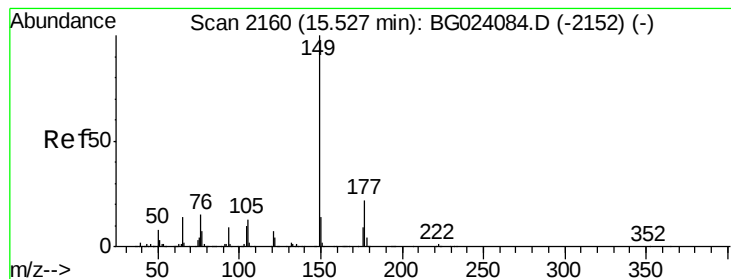
232 100

131 46.2 32.7 49.1

130 2.0 2.6 3.8#

166 31.7 23.0 34.6





#59

Diethylphthalate

Concen: 37.40 ng

RT: 15.54 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

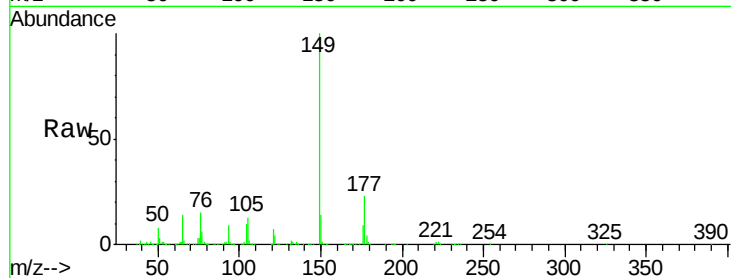
Tot Ion:149 Resp: 715323

Ion Ratio Lower Upper

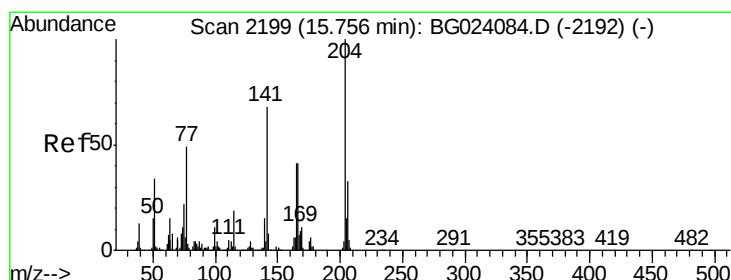
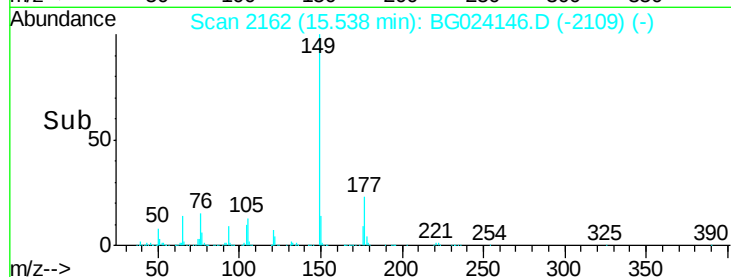
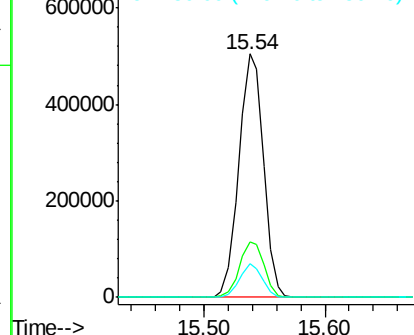
149 100

177 23.0 19.2 28.8

150 14.1 10.6 16.0



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



#60

4-Chlorophenyl-phenylether

Concen: 37.16 ng

RT: 15.77 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

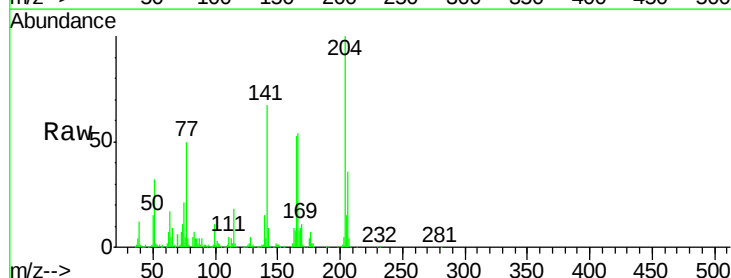
Tgt Ion:204 Resp: 328390

Ion Ratio Lower Upper

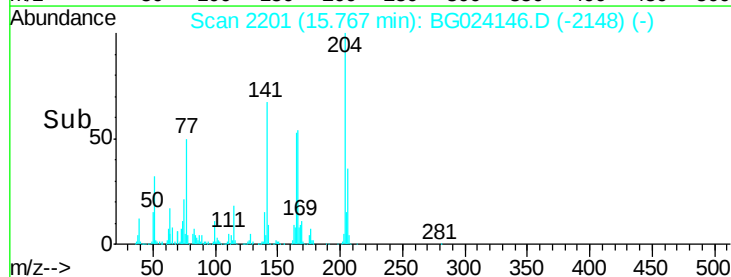
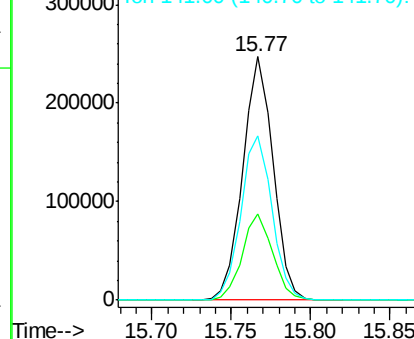
204 100

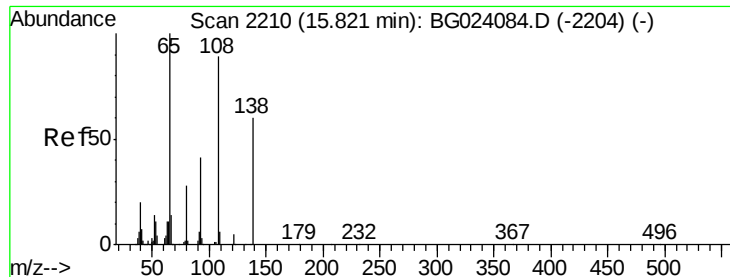
206 35.7 28.5 42.7

141 67.3 51.4 77.0



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





#61

4-Nitroaniline

Concen: 37.75 ng

RT: 15.83 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

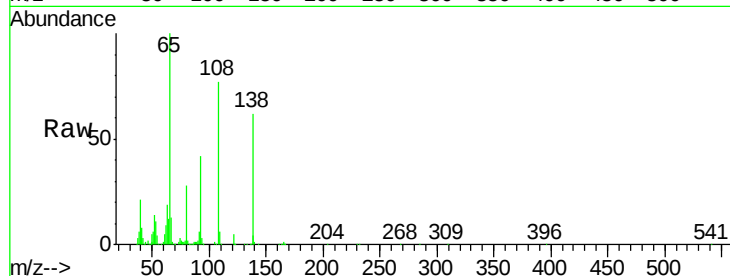
Tot Ion:138 Resp: 145727

Ion Ratio Lower Upper

138 100

92 68.8 54.1 94.1

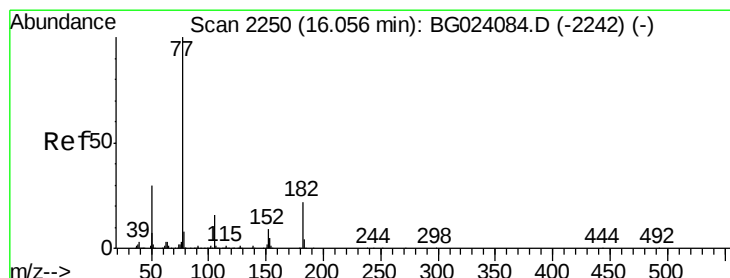
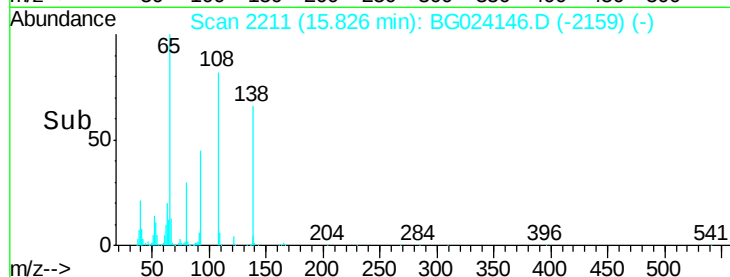
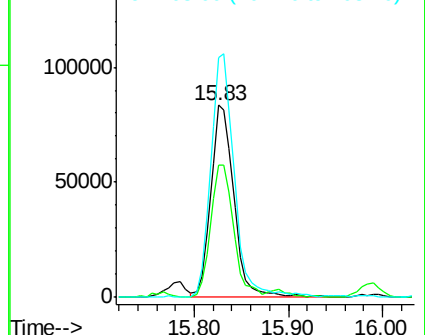
108 124.8 133.9 173.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.90 ng

RT: 16.06 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Tgt Ion: 77 Resp: 736653

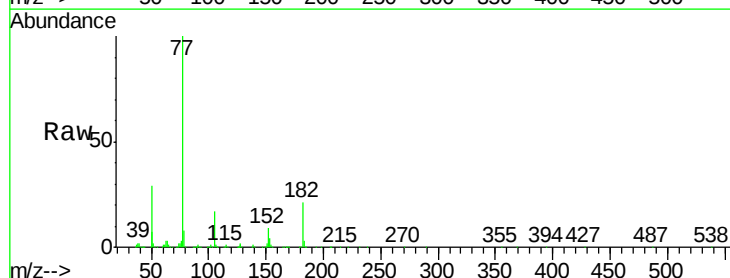
Ion Ratio Lower Upper

77 100

182 20.7 3.5 43.5

105 17.1 0.0 38.5

51 28.9 17.1 57.1

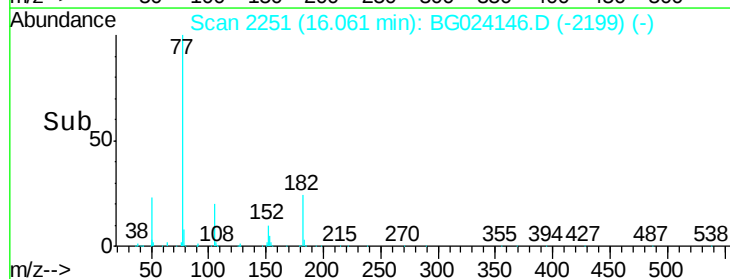
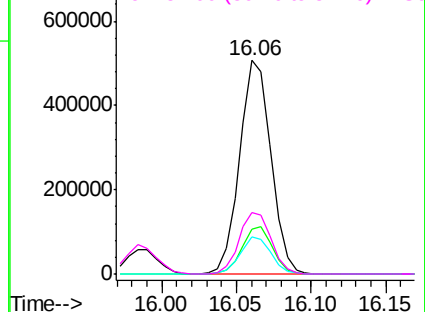


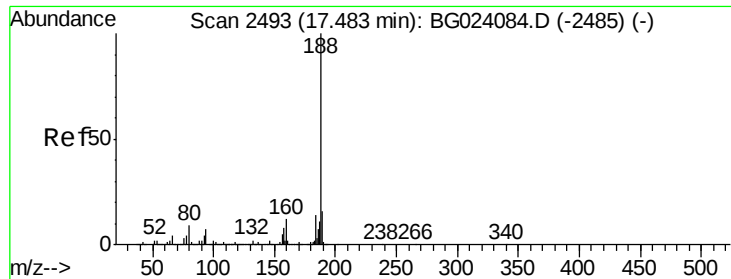
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2495

Delta R.T. 0.01 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

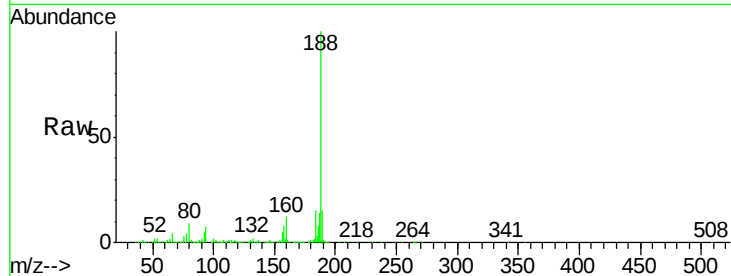
Tot Ion:188 Resp: 520708

Ion Ratio Lower Upper

188 100

94 7.4 5.2 7.8

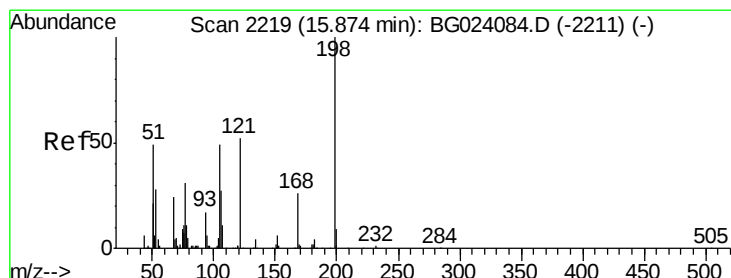
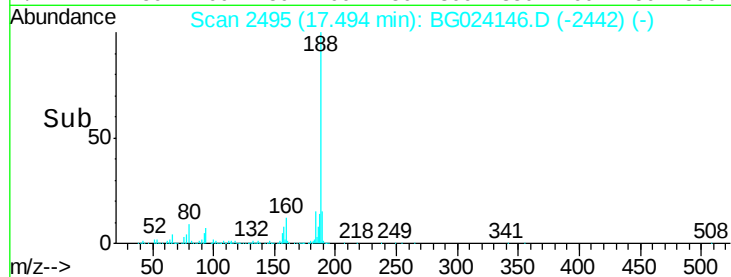
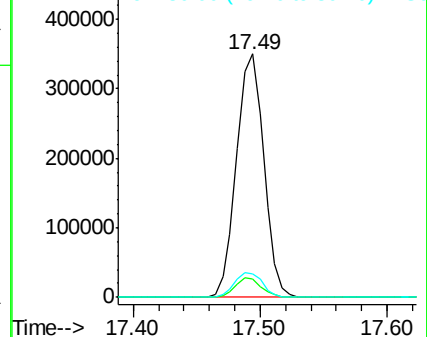
80 9.5 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 33.59 ng

RT: 15.89 min Scan# 2222

Delta R.T. 0.02 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

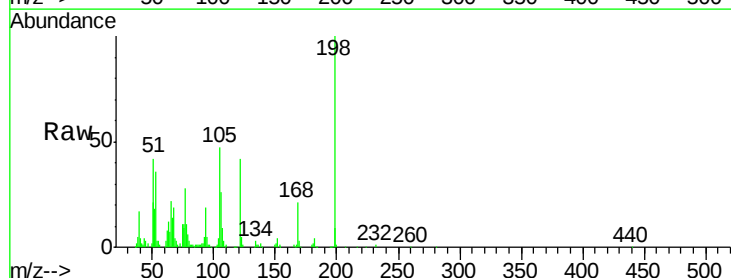
Tgt Ion:198 Resp: 121455

Ion Ratio Lower Upper

198 100

51 41.9 26.0 66.0

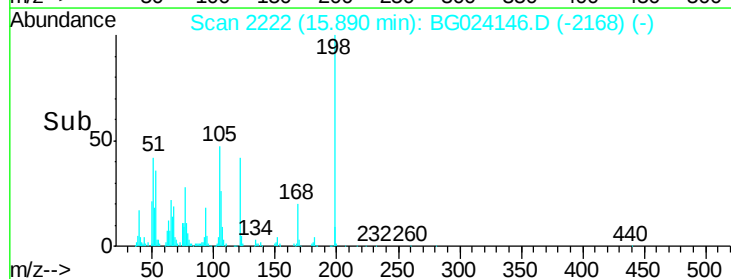
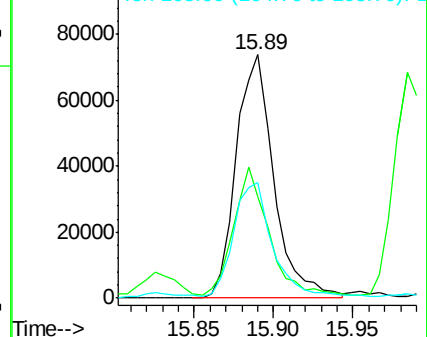
105 47.5 20.1 60.1

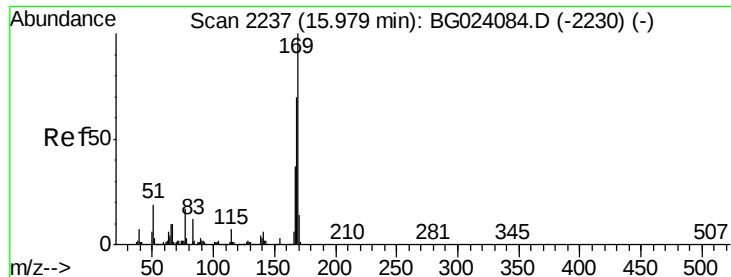


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.72 ng

RT: 15.99 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

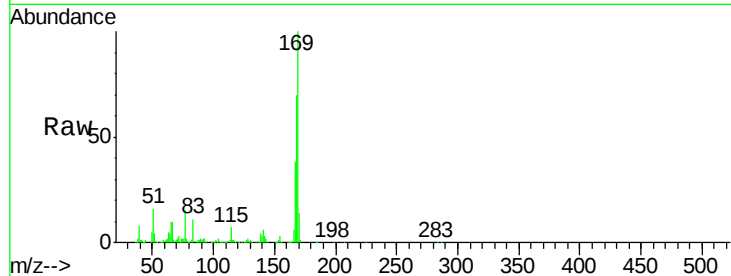
Tot Ion:169 Resp: 580007

Ion Ratio Lower Upper

169 100

168 70.0 55.0 82.4

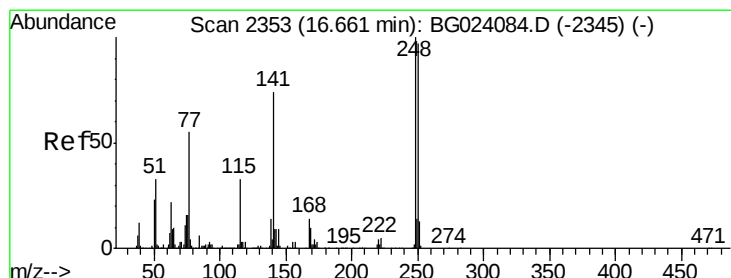
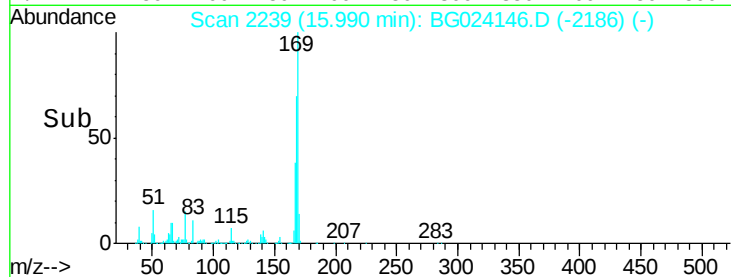
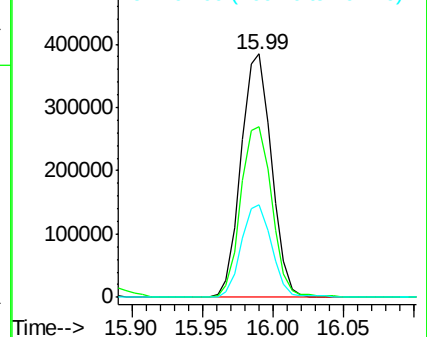
167 38.0 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.37 ng

RT: 16.67 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

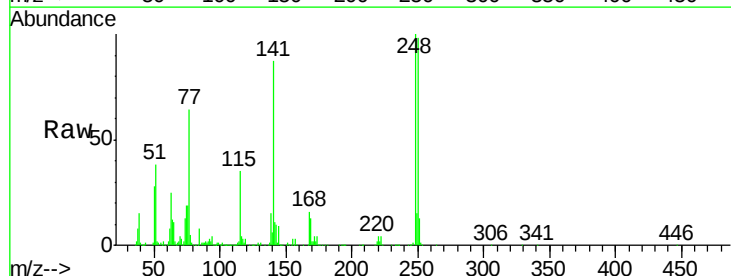
Tgt Ion:248 Resp: 231760

Ion Ratio Lower Upper

248 100

250 98.4 77.8 116.8

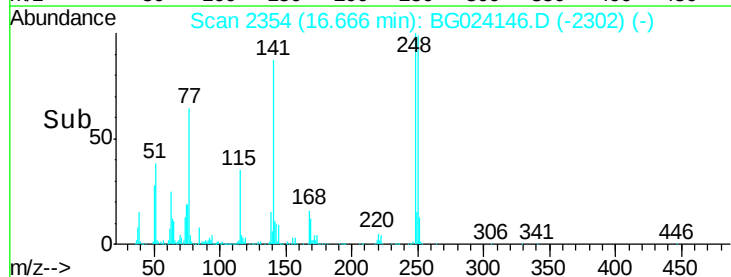
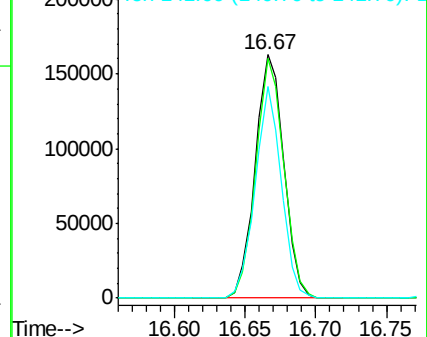
141 87.2 65.7 98.5

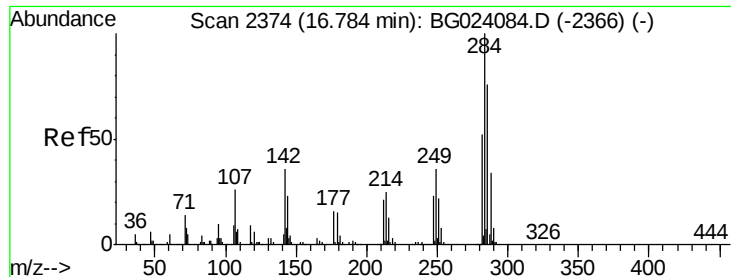


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

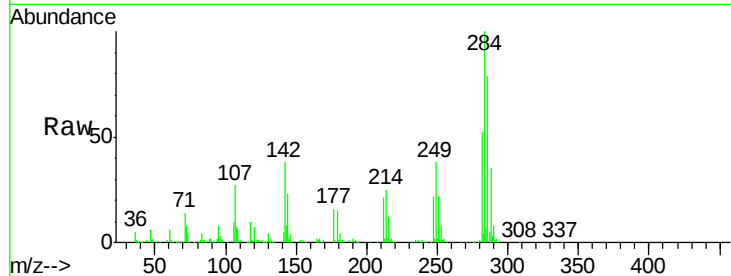




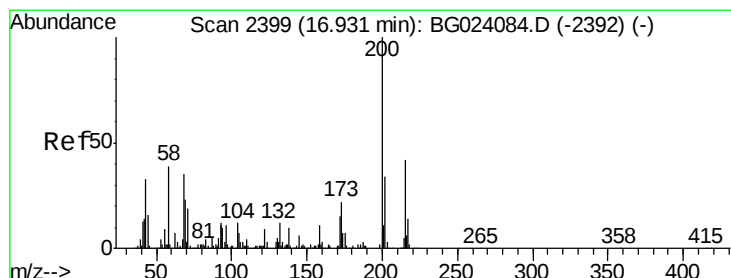
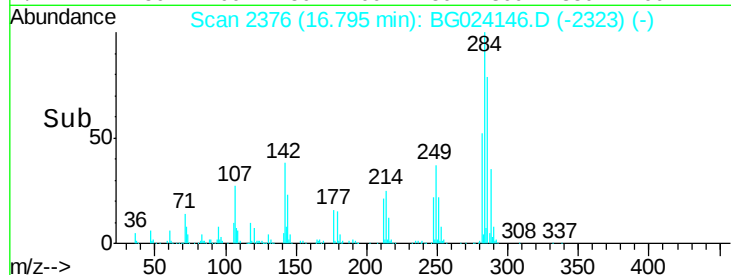
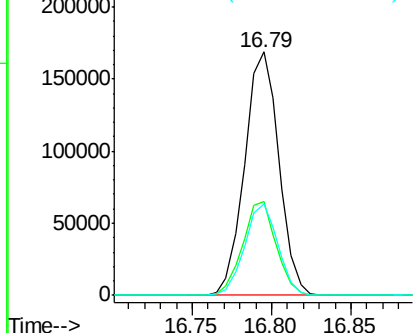
#67
Hexachlorobenzene
Concen: 37.12 ng
RT: 16.79 min Scan# 2376
Delta R.T. 0.01 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.4	26.8	40.2
249	37.6	28.9	43.3

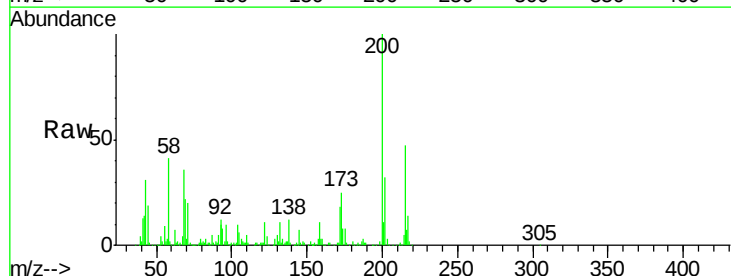


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

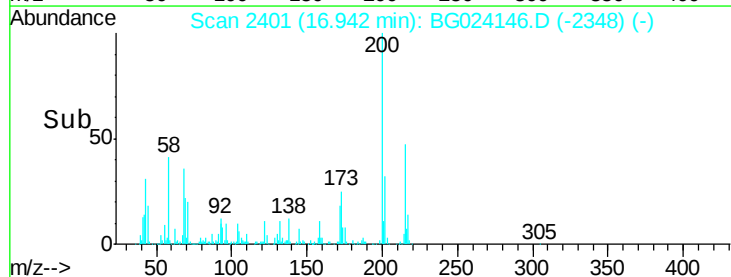
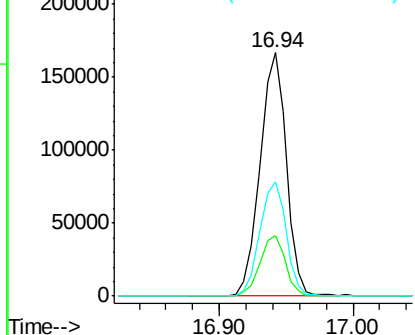


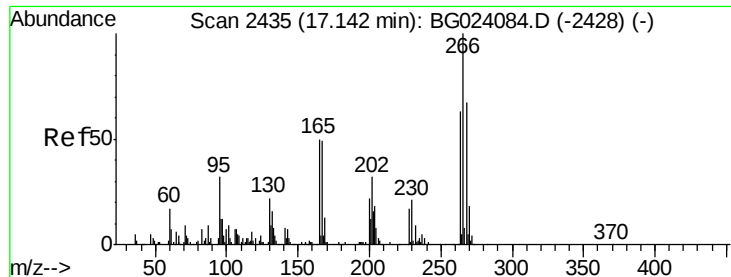
#68
Atrazine
Concen: 35.96 ng
RT: 16.94 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.7	1.6	41.6
215	47.1	28.7	68.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

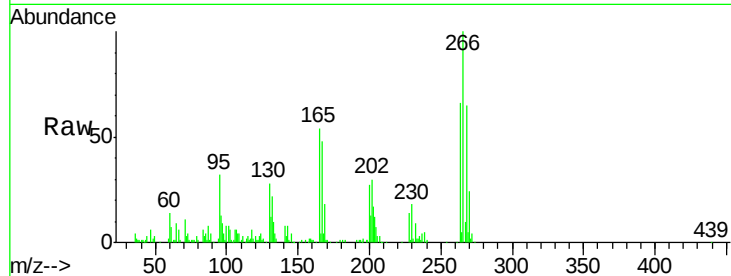




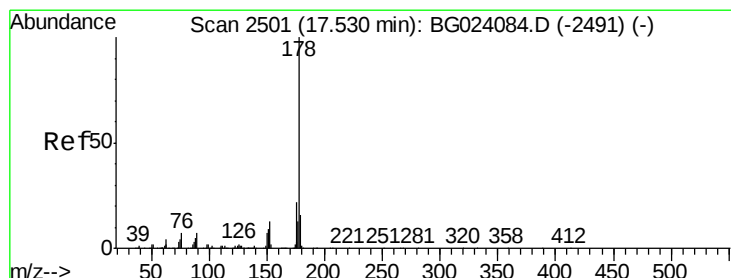
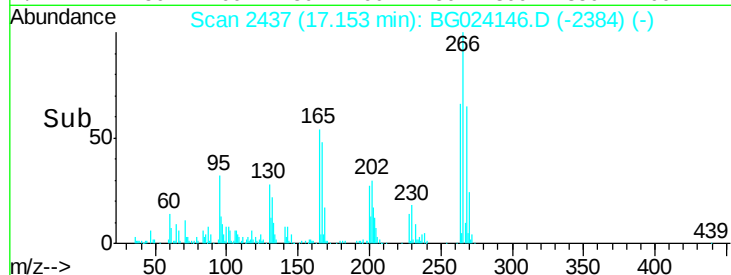
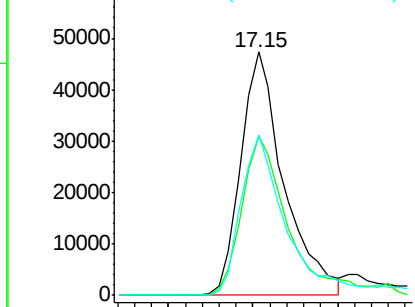
#69
 Pentachlorophenol
 Concen: 26.26 ng
 RT: 17.15 min Scan# 2437
 Delta R.T. 0.01 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 83786
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.9 77.9
 264 66.1 50.6 75.8

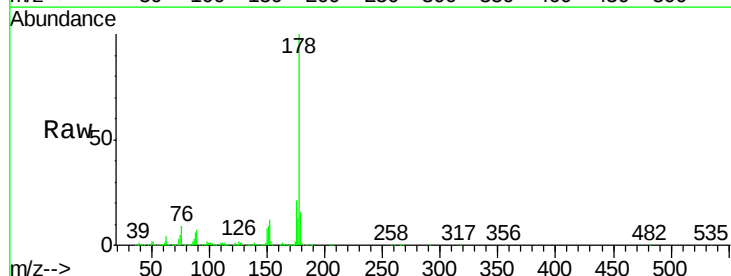


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

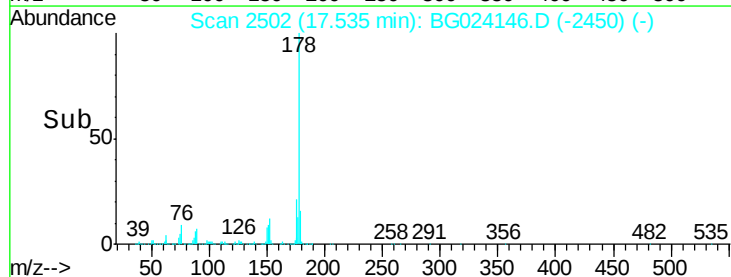
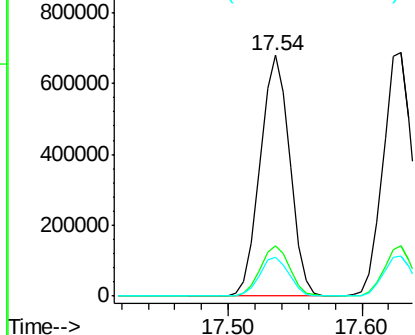


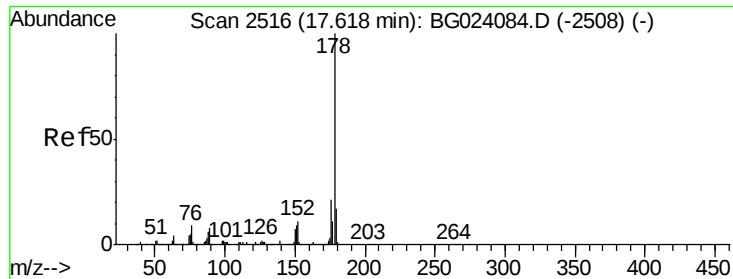
#70
 Phenanthrene
 Concen: 39.30 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. 0.00 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

Tgt Ion:178 Resp: 1042287
 Ion Ratio Lower Upper
 178 100
 176 21.0 16.8 25.2
 179 16.4 14.3 21.5



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

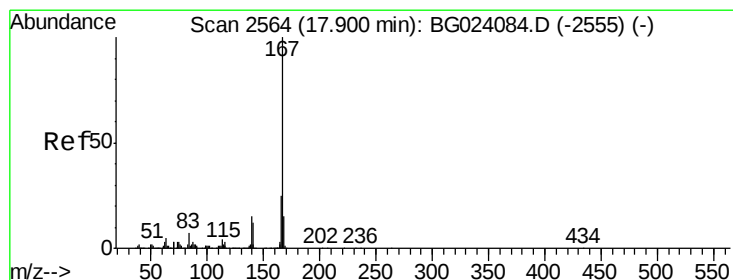
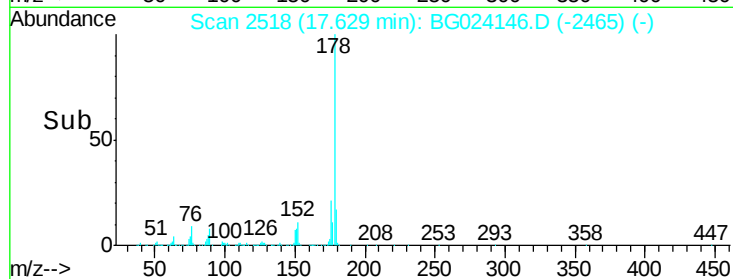
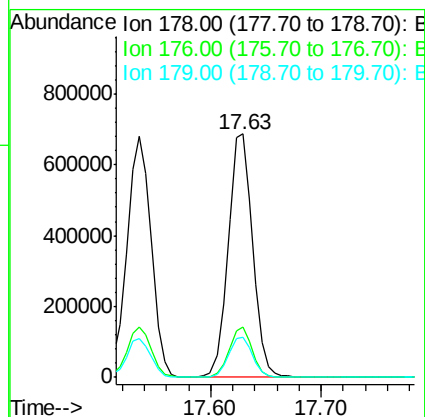
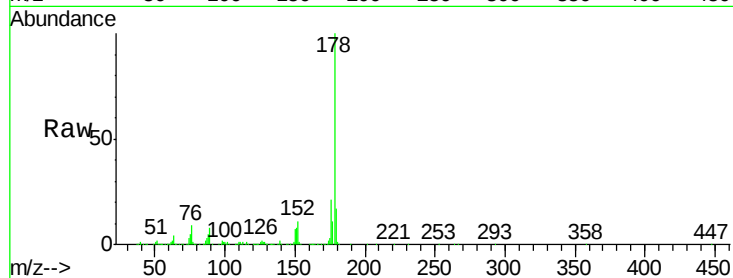




#71
 Anthracene
 Concen: 38.89 ng
 RT: 17.63 min Scan# 2518
 Delta R.T. 0.01 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

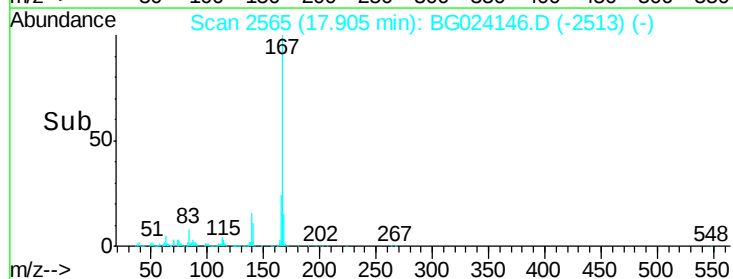
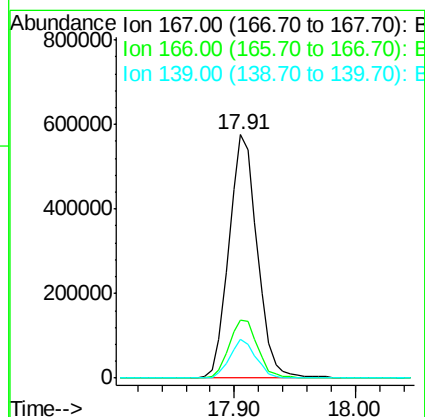
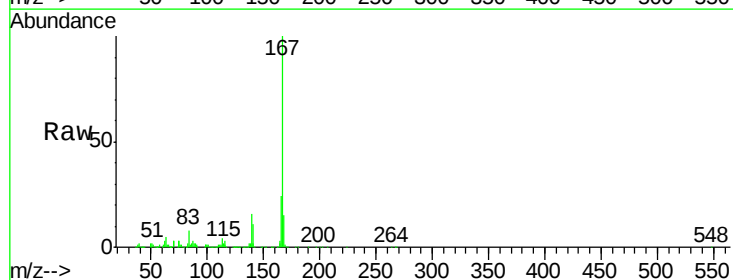
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

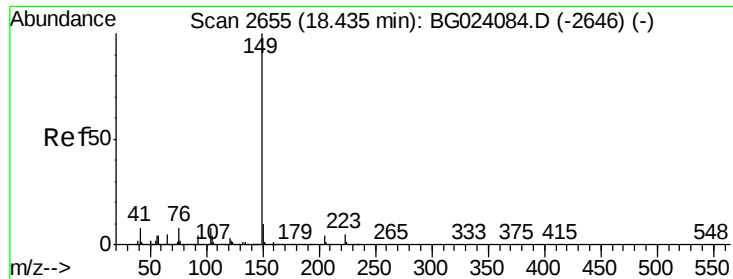
Tot Ion:178 Resp: 1059472
 Ion Ratio Lower Upper
 178 100
 176 20.5 17.3 25.9
 179 16.5 14.0 21.0



#72
 Carbazole
 Concen: 36.93 ng
 RT: 17.91 min Scan# 2565
 Delta R.T. 0.00 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

Tgt Ion:167 Resp: 936528
 Ion Ratio Lower Upper
 167 100
 166 23.7 20.7 31.1
 139 15.9 11.9 17.9





#73

Di-n-butylphthalate

Concen: 36.05 ng

RT: 18.44 min Scan# 2656

Delta R.T. 0.00 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

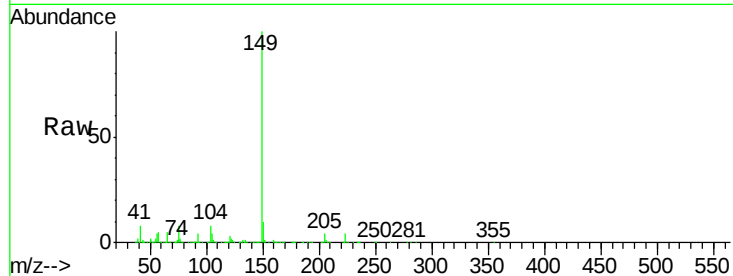
Tot Ion:149 Resp: 1196873

Ion Ratio Lower Upper

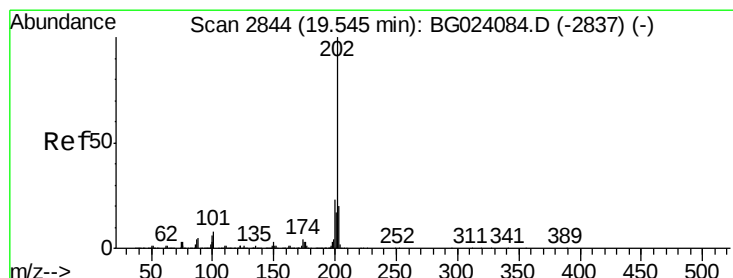
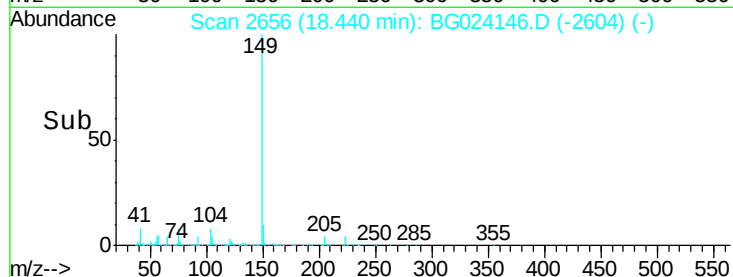
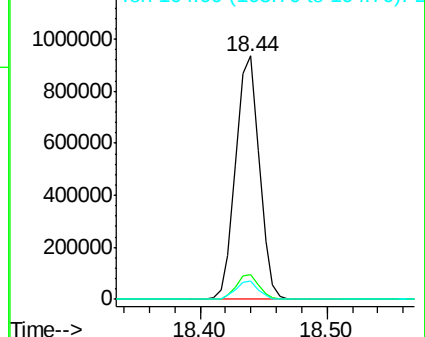
149 100

150 10.0 9.1 13.7

104 7.6 6.9 10.3



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



#74

Fluoranthene

Concen: 34.23 ng

RT: 19.55 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

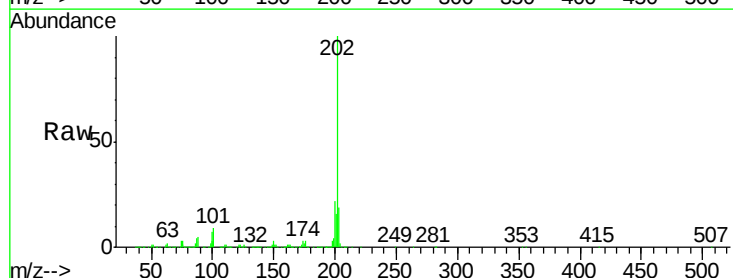
Tgt Ion:202 Resp: 1185155

Ion Ratio Lower Upper

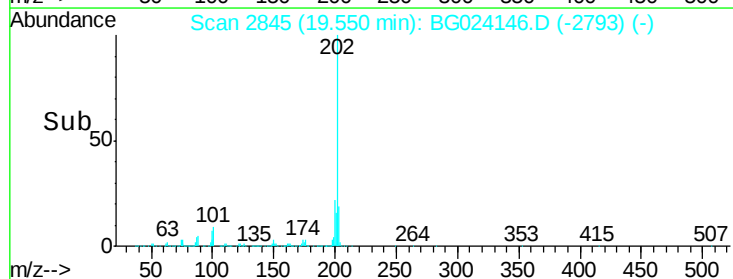
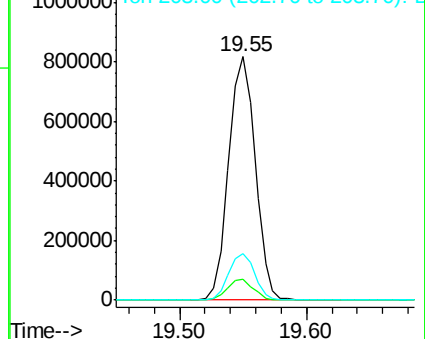
202 100

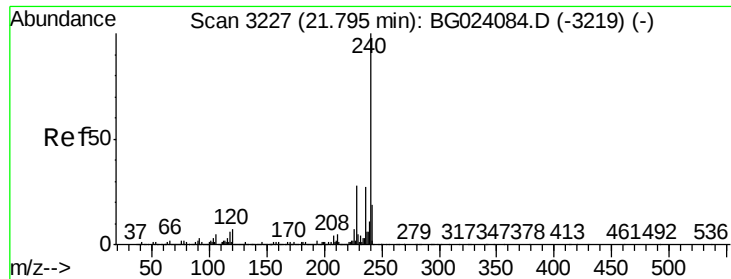
101 8.7 0.0 27.4

203 18.9 1.7 41.7



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

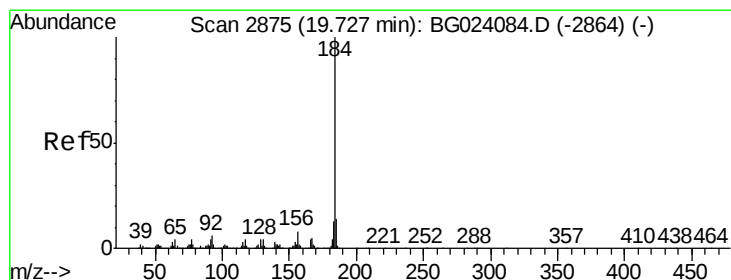
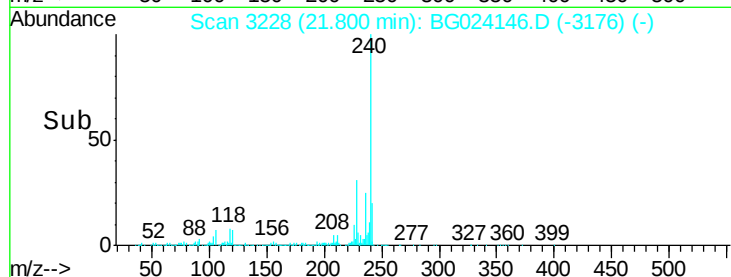
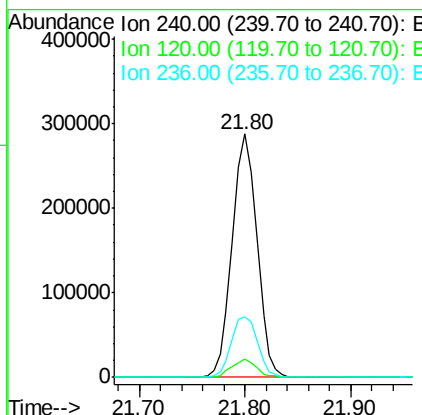
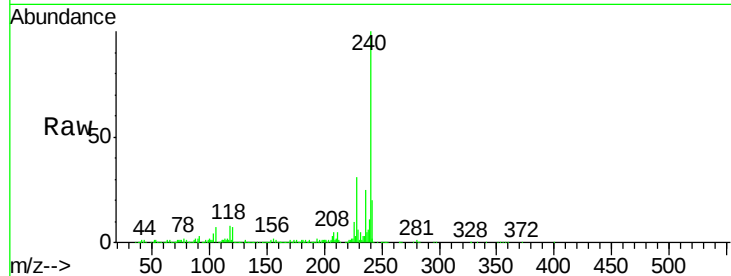




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3228
Delta R.T. 0.00 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

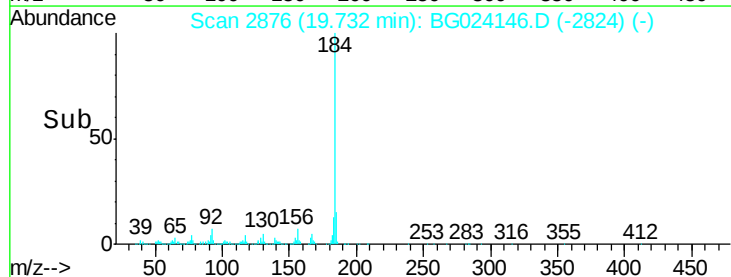
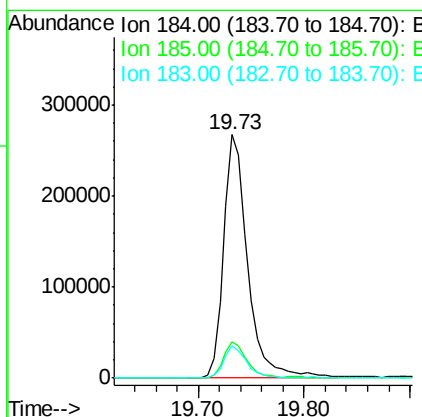
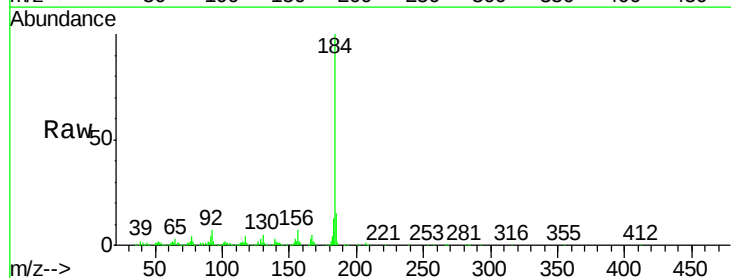
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

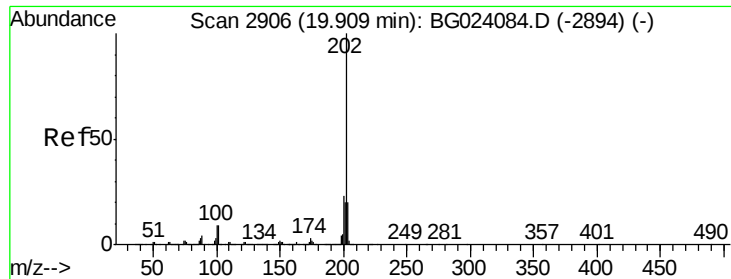
Tot Ion:240 Resp: 467845
Ion Ratio Lower Upper
240 100
120 7.3 4.1 6.1#
236 25.1 21.1 31.7



#76
Benzidine
Concen: 31.95 ng
RT: 19.73 min Scan# 2876
Delta R.T. 0.00 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Tgt Ion:184 Resp: 423117
Ion Ratio Lower Upper
184 100
185 14.7 12.6 19.0
183 13.1 10.7 16.1





#77

Pvrene

Concen: 36.18 ng

RT: 19.91 min Scan# 2907

Delta R.T. 0.00 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

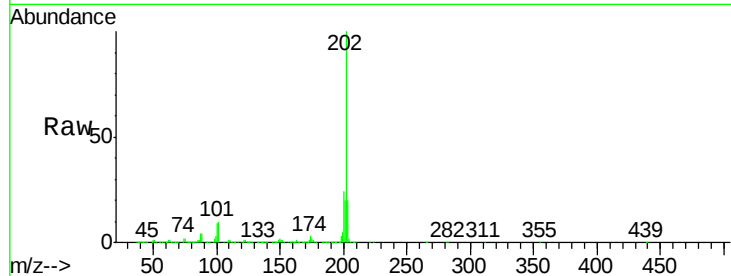
BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 1181905

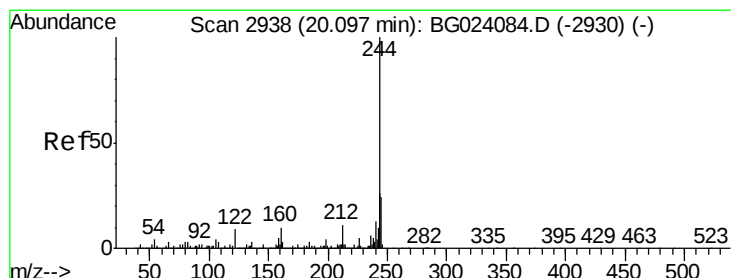
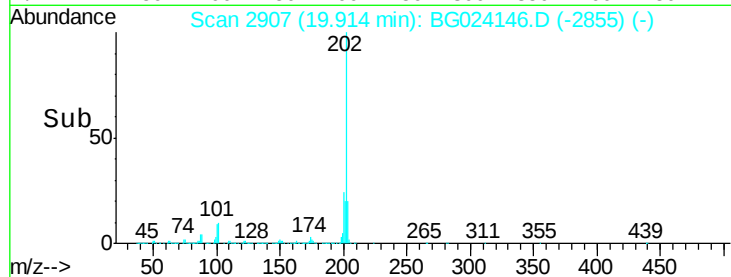
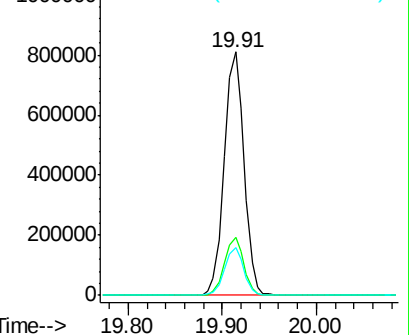
Ion	Ratio	Lower	Upper
202	100		
200	23.8	21.2	31.8
203	19.7	16.8	25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.11 ng

RT: 20.10 min Scan# 2939

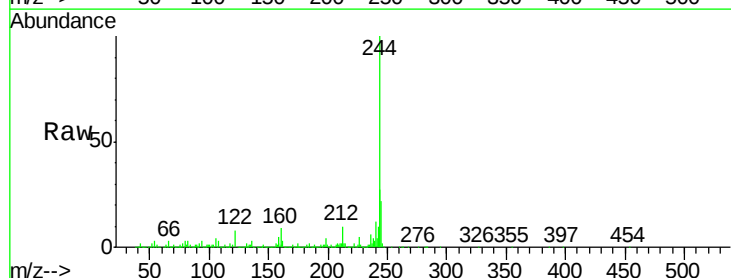
Delta R.T. 0.00 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Tgt Ion:244 Resp: 1578994

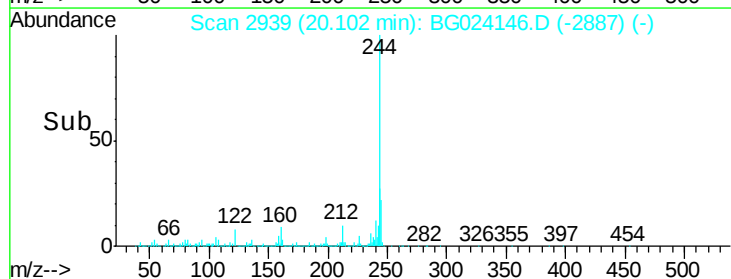
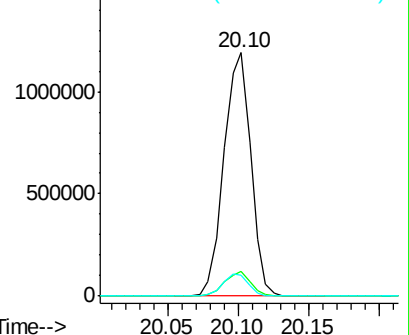
Ion	Ratio	Lower	Upper
244	100		
212	10.4	10.8	16.2#
122	8.4	8.0	12.0

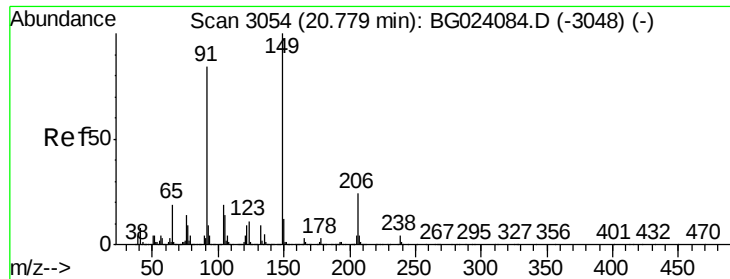


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.93 ng

RT: 20.78 min Scan# 3055

Delta R.T. 0.00 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

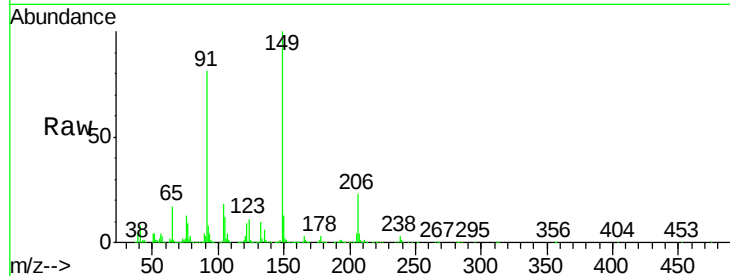
Tot Ion:149 Resp: 456310

Ion Ratio Lower Upper

149 100

91 80.8 68.1 102.1

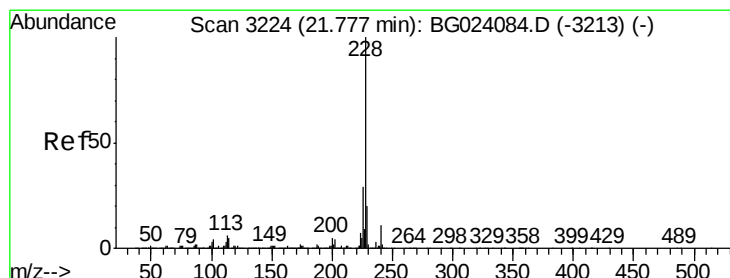
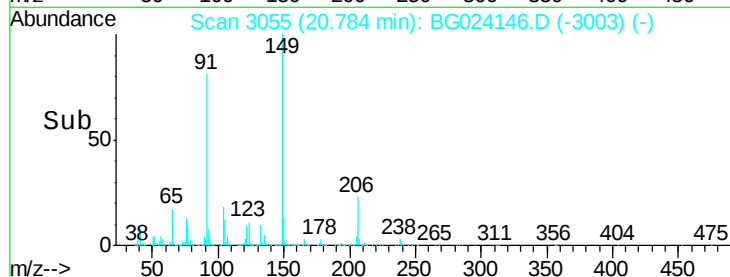
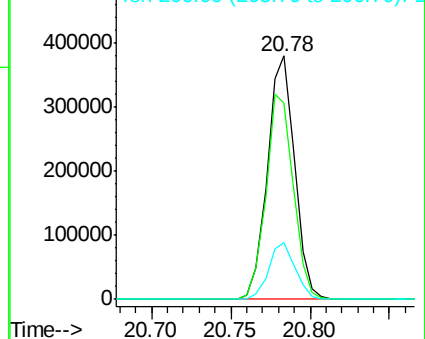
206 23.2 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.44 ng

RT: 21.78 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

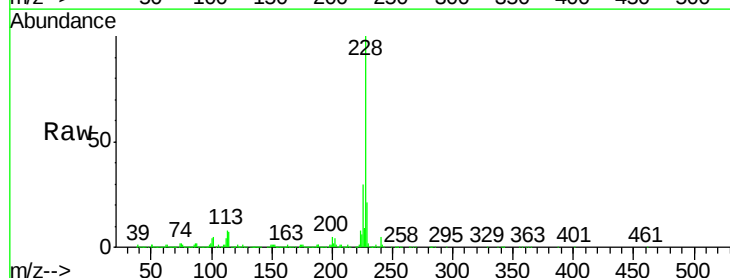
Tgt Ion:228 Resp: 1023797

Ion Ratio Lower Upper

228 100

226 30.1 25.3 37.9

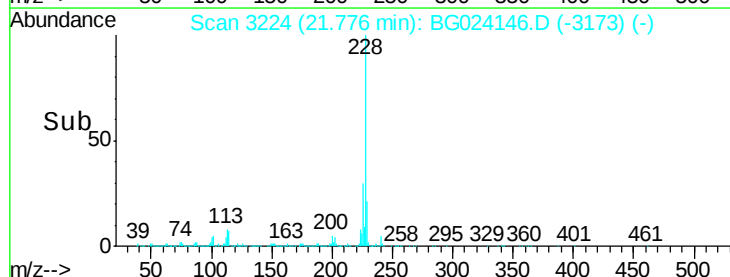
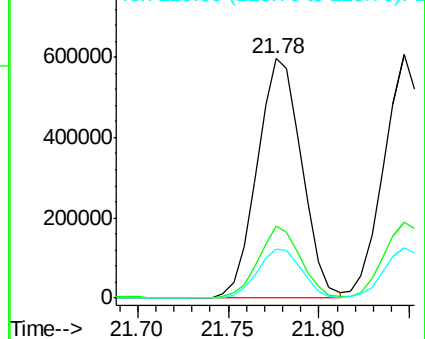
229 20.6 19.9 29.9

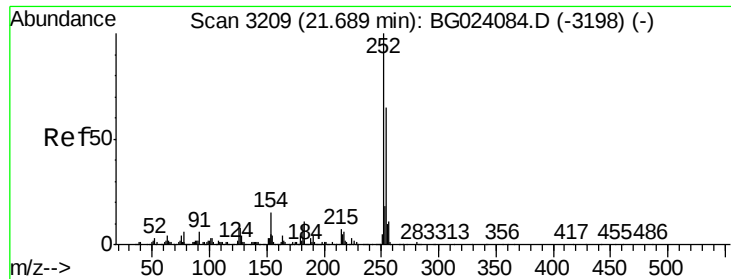


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

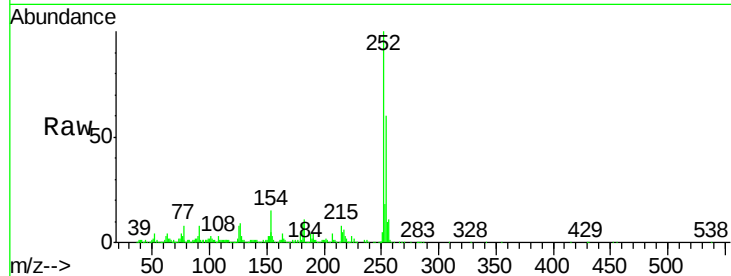




#81
 3,3'-Dichlorobenzidine
 Concen: 40.97 ng
 RT: 21.69 min Scan# 3210
 Delta R.T. 0.00 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	59.9	51.2	76.8
126	8.3	5.3	7.9

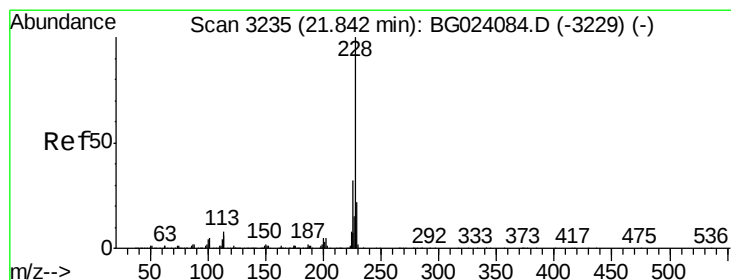
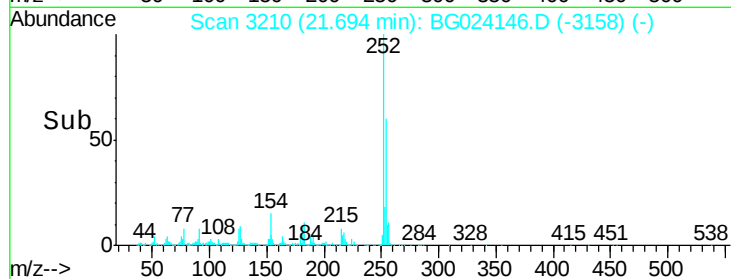
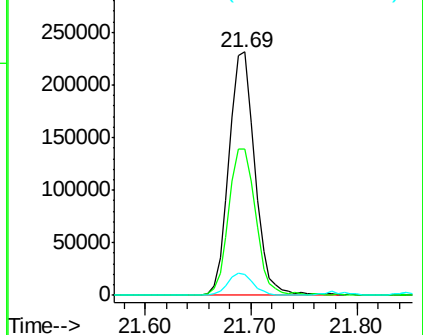


Abundance

Ion 252.00 (251.70 to 252.70): E

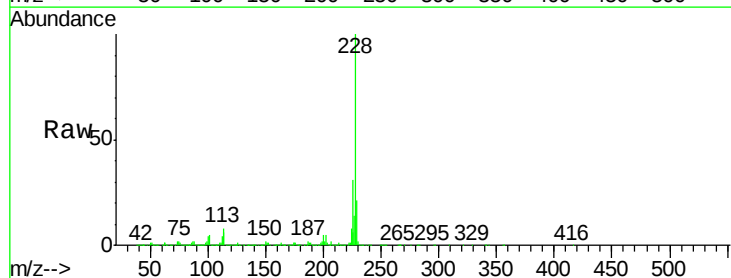
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 39.31 ng
 RT: 21.85 min Scan# 3236
 Delta R.T. 0.00 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	26.7	40.1
229	20.5	17.4	26.2

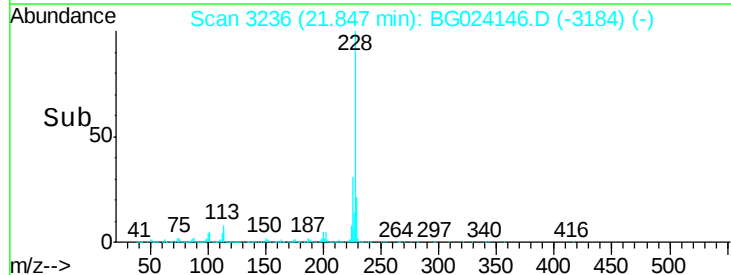
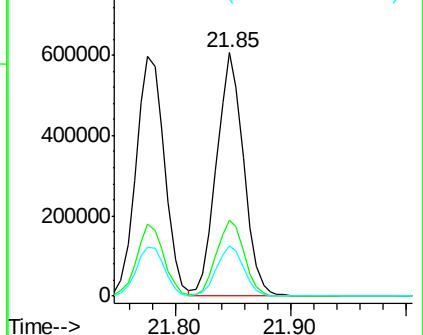


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

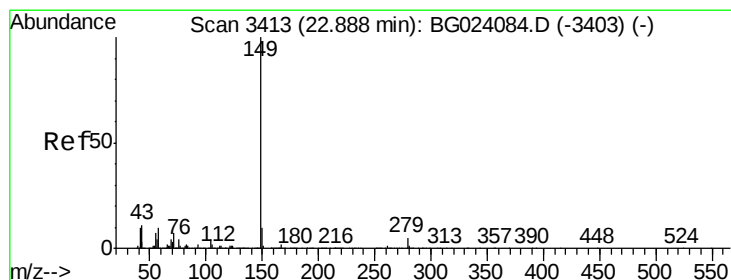
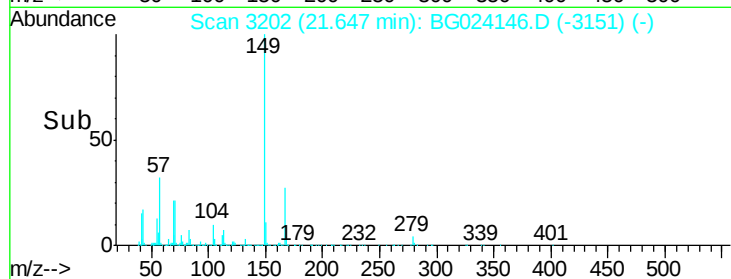
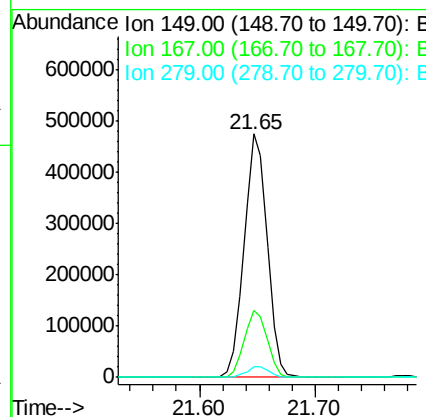
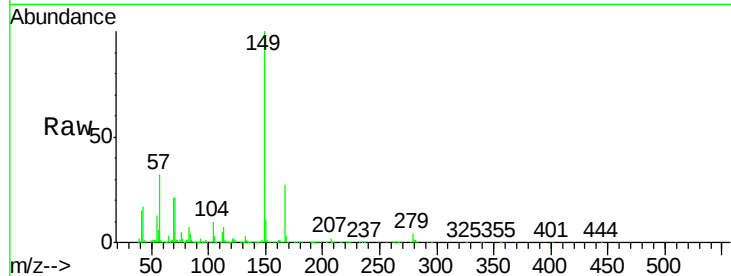




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.48 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.00 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

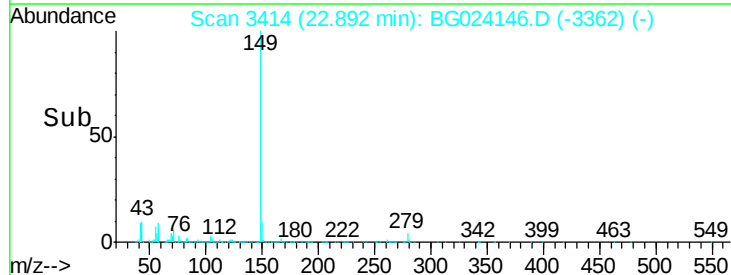
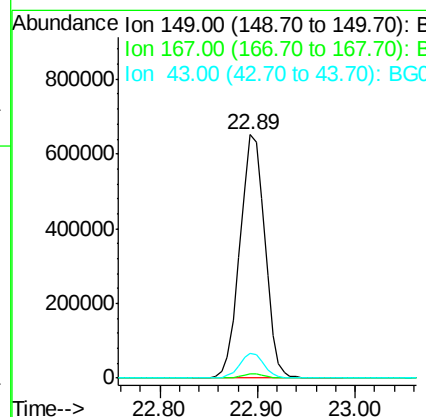
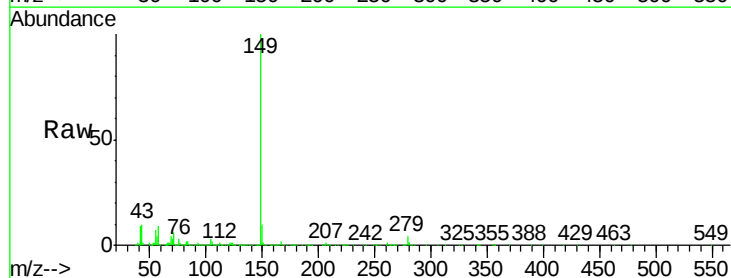
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

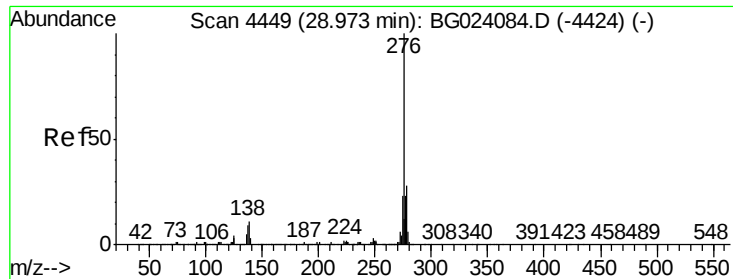
Tot Ion:149 Resp: 653708
 Ion Ratio Lower Upper
 149 100
 167 27.3 24.0 36.0
 279 4.4 4.8 7.2#



#84
 Di-n-octyl phthalate
 Concen: 46.76 ng
 RT: 22.89 min Scan# 3414
 Delta R.T. 0.00 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

Tgt Ion:149 Resp: 1159472
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.5 2.3
 43 10.1 8.8 13.2

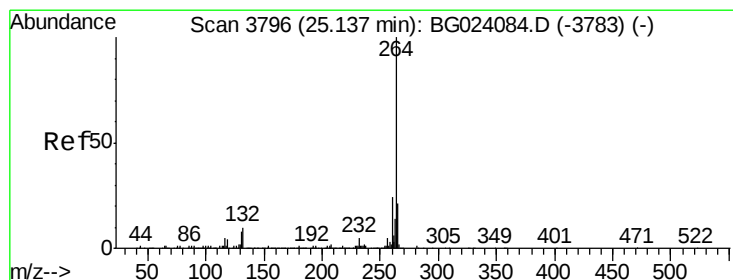
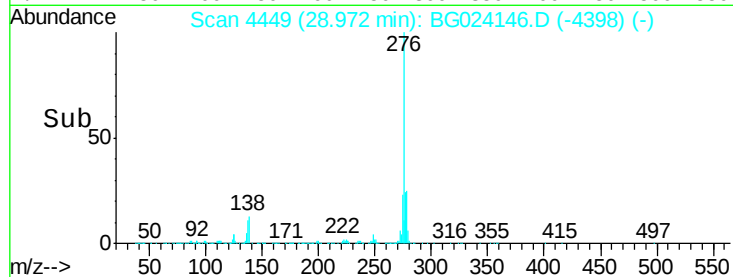
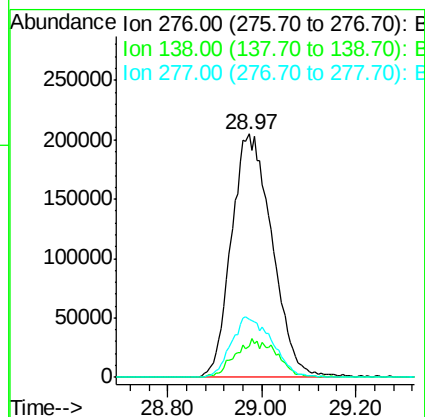
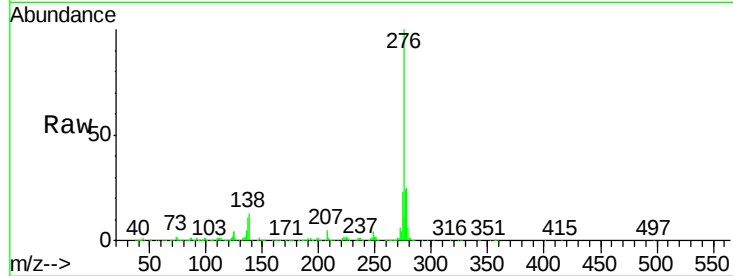




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.03 ng
RT: 28.97 min Scan# 4449
Delta R.T. -0.00 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

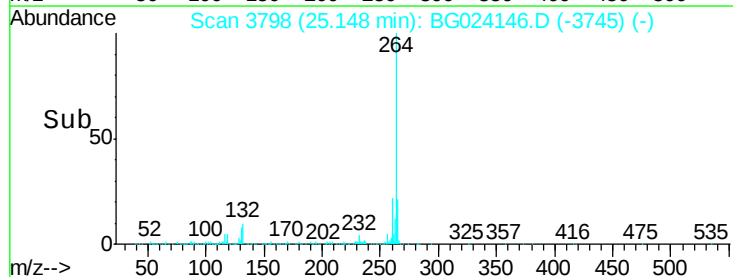
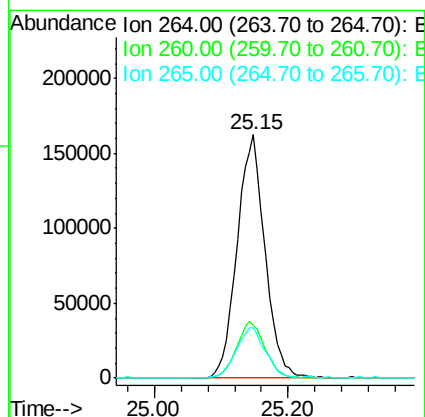
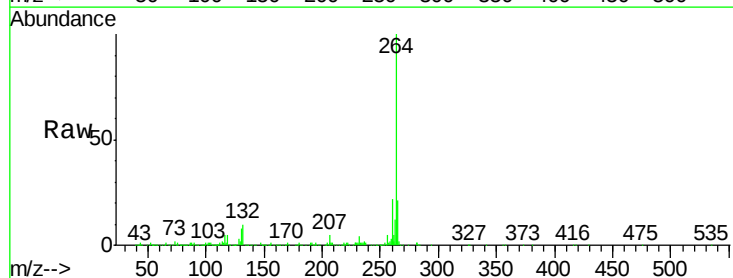
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

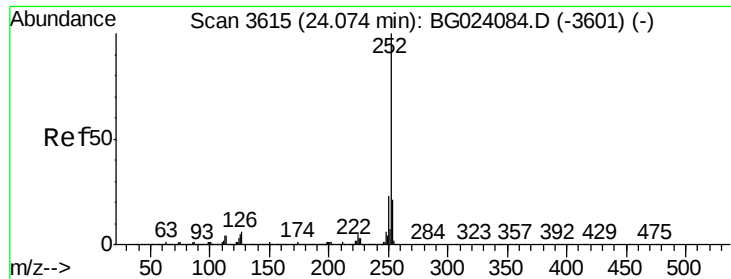
Tot Ion:276 Resp: 1229276
Ion Ratio Lower Upper
276 100
138 9.3 0.0 0.0#
277 25.0 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.15 min Scan# 3798
Delta R.T. 0.01 min
Lab File: BG024146.D
Acq: 26 Sep 2016 17:46

Tgt Ion:264 Resp: 468864
Ion Ratio Lower Upper
264 100
260 21.9 18.4 27.6
265 20.8 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 38.49 ng

RT: 24.08 min Scan# 3616

Delta R.T. 0.00 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

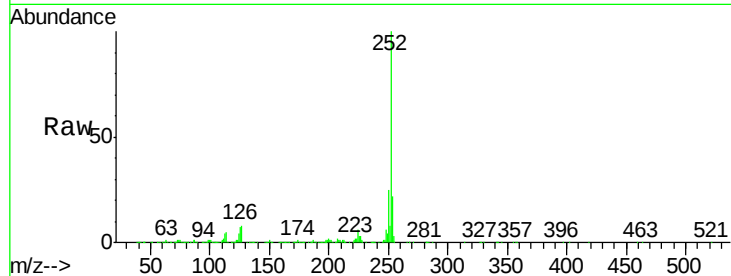
Tot Ion:252 Resp: 1049950

Ion Ratio Lower Upper

252 100

253 22.0 18.9 28.3

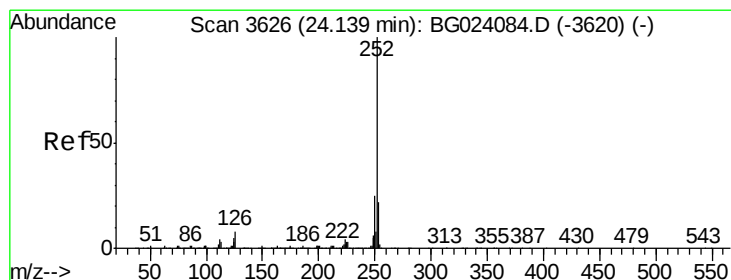
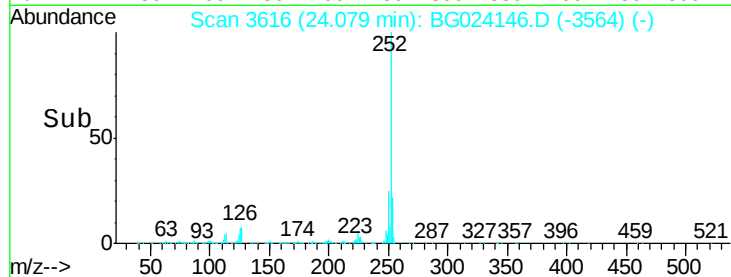
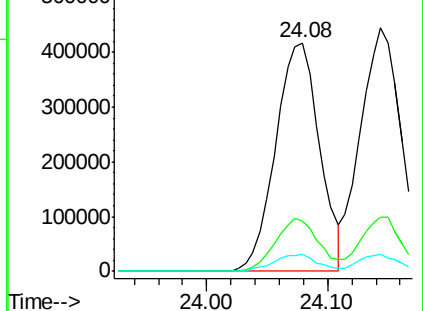
125 7.5 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.78 ng

RT: 24.14 min Scan# 3627

Delta R.T. 0.00 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

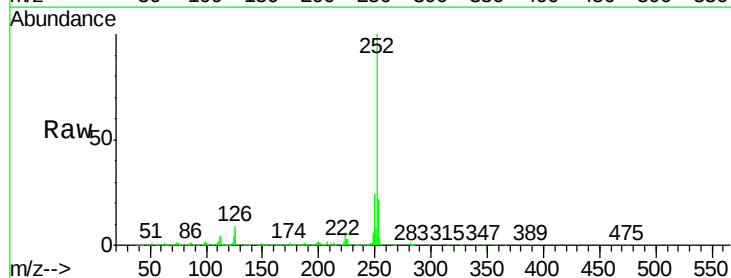
Tgt Ion:252 Resp: 1050445

Ion Ratio Lower Upper

252 100

253 22.1 18.8 28.2

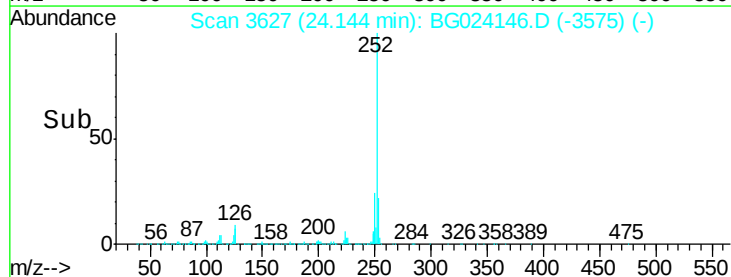
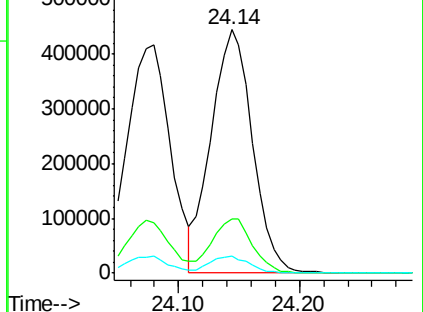
125 7.1 3.2 4.8#

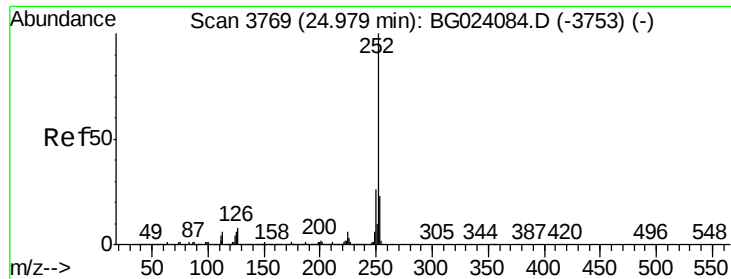


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.43 ng

RT: 24.98 min Scan# 3770

Delta R.T. 0.00 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

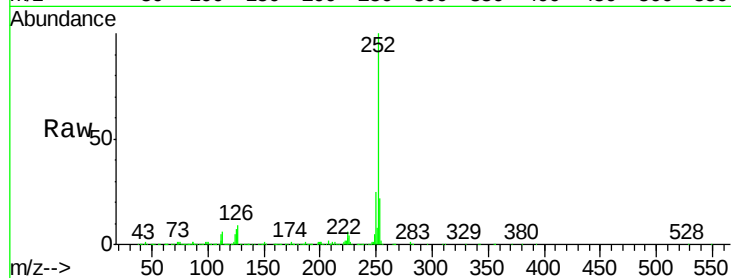
Tot Ion:252 Resp: 1013485

Ion Ratio Lower Upper

252 100

253 21.6 18.7 28.1

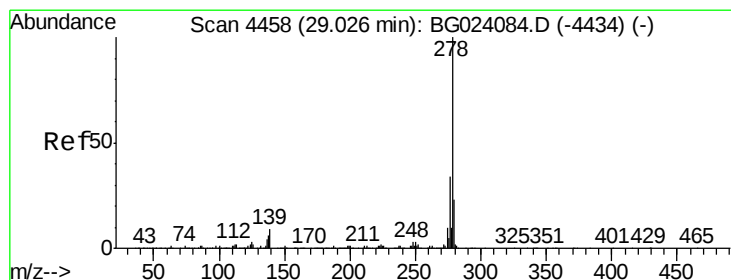
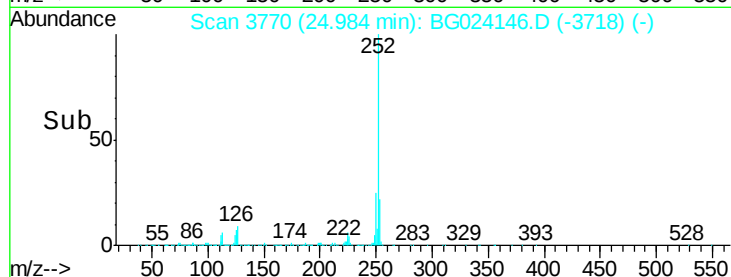
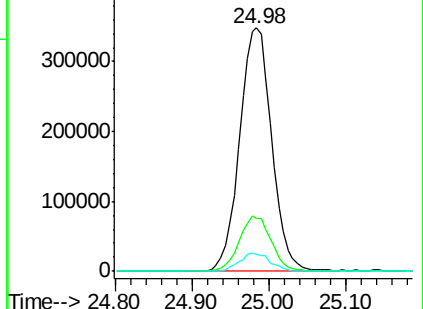
125 6.9 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.51 ng

RT: 29.03 min Scan# 4458

Delta R.T. -0.00 min

Lab File: BG024146.D

Acq: 26 Sep 2016 17:46

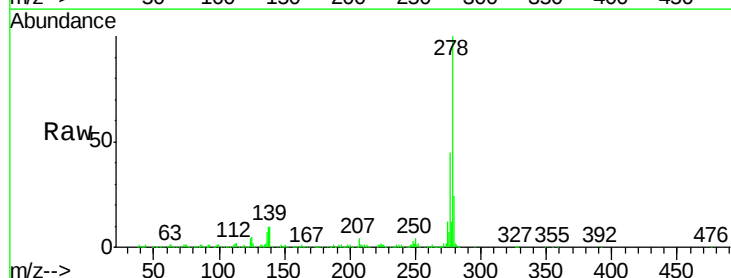
Tgt Ion:278 Resp: 987684

Ion Ratio Lower Upper

278 100

139 10.3 4.7 7.1#

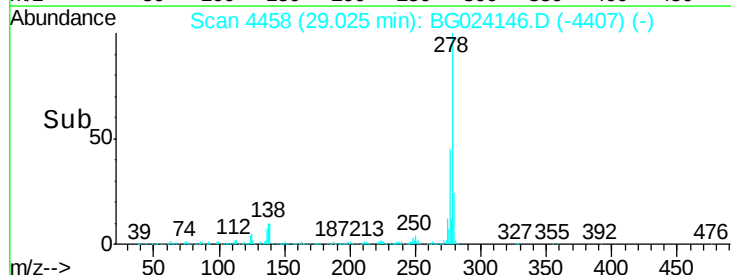
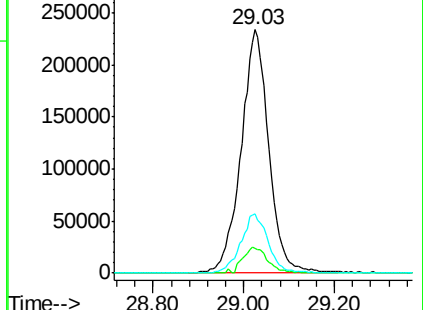
279 24.4 18.3 27.5

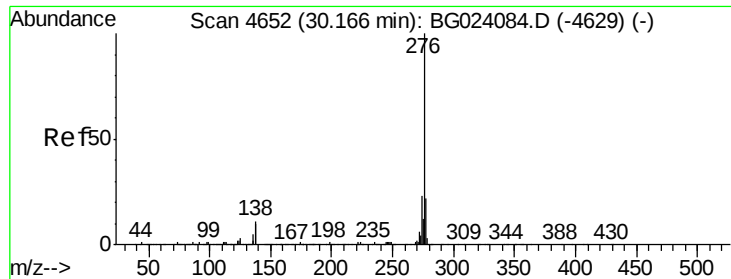


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 37.09 ng
 RT: 30.16 min Scan# 4652
 Delta R.T. -0.00 min
 Lab File: BG024146.D
 Acq: 26 Sep 2016 17:46

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	27.8
138	13.9	6.8	10.2

