

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042875.D
 Acq On : 17 Sep 2019 20:02
 Operator : HP/JU
 Sample : K4918-12MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 01:52:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59112	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	244713	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	201274	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	486228	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	380469	20.00	ng	-0.01
87) Perylene-d12	25.01	264	397671	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	340670	100.19	ng	0.02
7) Phenol-d6	7.31	99	537243	110.08	ng	0.04
23) Nitrobenzene-d5	9.28	82	350144	74.49	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	325353	121.50	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	880175	69.22	ng	-0.02
79) Terphenyl-d14	20.07	244	1410367	82.16	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	36277	23.378	ng	# 80
3) Pyridine	4.05	79	100341	21.477	ng	# 86
4) n-Nitrosodimethylamine	3.92	42	78844	34.681	ng	# 78
6) Aniline	7.45	93	105558	16.032	ng	97
8) 2-Chlorophenol	7.69	128	145154	39.495	ng	97
9) Benzaldehyde	7.26	77	89651	28.229	ng	97
10) Phenol	7.33	94	213277	42.614	ng	89
11) bis(2-Chloroethyl)ether	7.54	93	128524	33.461	ng	97
12) 1,3-Dichlorobenzene	8.00	146	150743	33.627	ng	98
13) 1,4-Dichlorobenzene	8.15	146	155558	34.661	ng	96
14) 1,2-Dichlorobenzene	8.46	146	146698	34.338	ng	96
15) Benzyl Alcohol	8.37	79	156832	37.446	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	306959	36.391	ng	97
17) 2-Methylphenol	8.57	107	137759	41.143	ng	93
18) Hexachloroethane	9.20	117	56925	34.356	ng	92
19) n-Nitroso-di-n-propylamine	8.94	70	130843	36.385	ng	93
20) 3+4-Methylphenols	8.90	107	188776	40.900	ng	98
22) Acetophenone	8.95	105	227095	36.745	ng	# 94
24) Nitrobenzene	9.32	77	198067	40.146	ng	98
25) Isophorone	9.88	82	360805	36.826	ng	99
26) 2-Nitrophenol	10.03	139	87144	44.918	ng	# 96
27) 2,4-Dimethylphenol	10.10	122	152314	44.383	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	194674	35.630	ng	98
29) 2,4-Dichlorophenol	10.57	162	176682	44.303	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	191091	39.246	ng	98
31) Naphthalene	10.97	128	481749	39.872	ng	100
32) Benzoic acid	10.29	122	109126	40.393	ng	93
33) 4-Chloroaniline	11.08	127	39515	6.997	ng	# 94
34) Hexachlorobutadiene	11.25	225	139195	40.803	ng	95
35) Caprolactam	11.97	113	28728	19.371	ng	95
36) 4-Chloro-3-methylphenol	12.21	107	195880	45.237	ng	97
37) 2-Methylnaphthalene	12.56	142	385027	42.541	ng	97
38) 1-Methylnaphthalene	12.56	142	385027	45.357	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	264017	39.696	ng	99

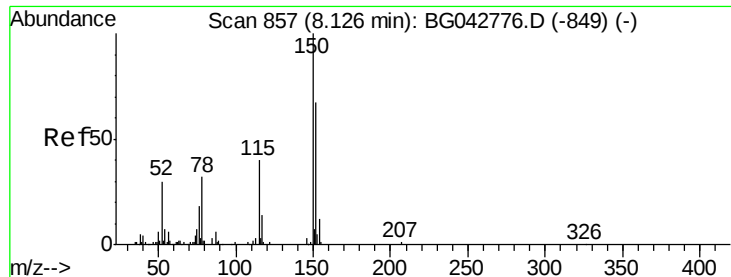
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	357907	93.934	nq	97
43) 2,4,6-Trichlorophenol	13.18	196	180354	40.731	nq	99
44) 2,4,5-Trichlorophenol	13.25	196	196811	43.394	nq	96
46) 1,1'-Biphenyl	13.56	154	554775	39.373	nq	100
47) 2-Chloronaphthalene	13.60	162	433300	37.174	nq	100
48) 2-Nitroaniline	13.82	65	154343	38.171	nq	99
49) Acenaphthylene	14.45	152	711790	39.961	nq	96
50) Dimethylphthalate	14.20	163	709364	47.047	nq	100
51) 2,6-Dinitrotoluene	14.30	165	133308	43.088	nq	98
52) Acenaphthene	14.79	154	422741	36.328	nq	99
53) 3-Nitroaniline	14.64	138	43701	12.586	nq	# 98
54) 2,4-Dinitrophenol	14.83	184	168071	110.351	nq	# 71
55) Dibenzofuran	15.13	168	697676	40.336	nq	98
56) 4-Nitrophenol	14.96	139	215445	80.248	nq	95
57) 2,4-Dinitrotoluene	15.09	165	188622	45.739	nq	99
58) Fluorene	15.77	166	591201	41.242	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	202116	45.971	nq	98
60) Diethylphthalate	15.56	149	594812	38.863	nq	98
61) 4-Chlorophenyl-phenylether	15.76	204	350597	41.365	nq	98
62) 4-Nitroaniline	15.80	138	137532	36.746	nq	84
63) Azobenzene	16.05	77	577892	39.210	nq	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	124221	59.708	nq	95
66) n-Nitrosodiphenylamine	15.98	169	532456	40.695	nq	98
67) 4-Bromophenyl-phenylether	16.66	248	235712	40.052	nq	97
68) Hexachlorobenzene	16.78	284	247186	39.308	nq	96
69) Atrazine	16.94	200	208227	45.701	nq	98
70) Pentachlorophenol	17.12	266	331122	88.761	nq	93
71) Phenanthrene	17.51	178	956070	41.116	nq	100
72) Anthracene	17.61	178	957748	41.227	nq	100
73) Carbazole	17.88	167	863075	39.088	nq	97
74) Di-n-butylphthalate	18.44	149	953021	36.031	nq	99
75) Fluoranthene	19.52	202	1150150	38.164	nq	98
77) Benzidine	19.70	184	278327	26.184	nq	98
78) Pyrene	19.88	202	1143398	48.002	nq	98
80) Butylbenzylphthalate	20.77	149	362666	37.620	nq	97
81) Benzo(a)anthracene	21.73	228	959971	39.683	nq	100
82) 3,3'-Dichlorobenzidine	21.65	252	136747	14.546	nq	# 99
83) Chrysene	21.80	228	918466	40.083	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	465275	35.323	nq	# 98
85) Di-n-octyl phthalate	22.88	149	737642	32.850	nq	96
86) Indeno(1,2,3-cd)pyrene	28.75	276	977072	34.433	nq	# 89
88) Benzo(b)fluoranthene	23.98	252	923006	39.529	nq	# 97
89) Benzo(k)fluoranthene	24.05	252	882916	40.028	nq	# 98
90) Benzo(a)pyrene	24.86	252	884192	40.440	nq	# 98
91) Dibenzo(a,h)anthracene	28.82	278	828888	38.545	nq	# 98
92) Benzo(g,h,i)perylene	29.91	276	837313	39.918	nq	# 92

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

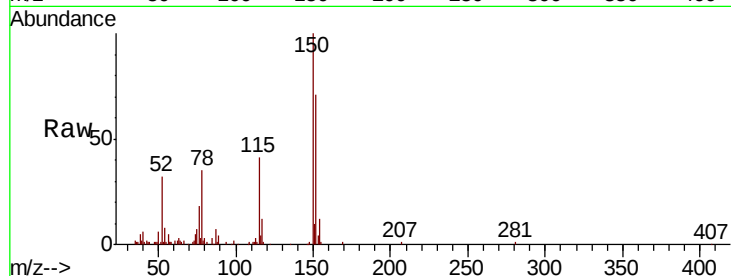


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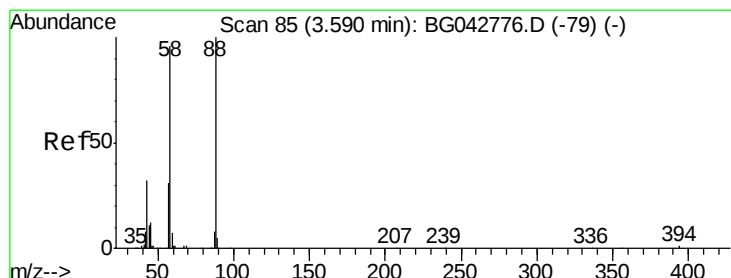
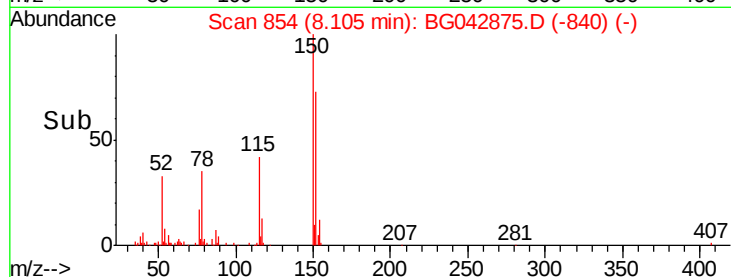
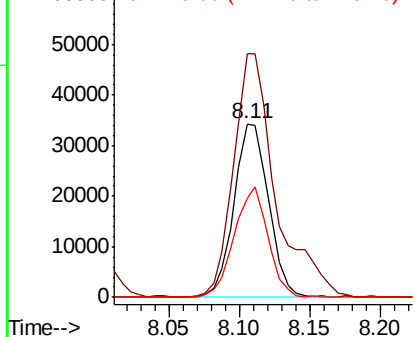
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 59112
Ion Ratio Lower Upper
152 100
150 140.3 118.9 178.3
115 57.3 47.4 71.2



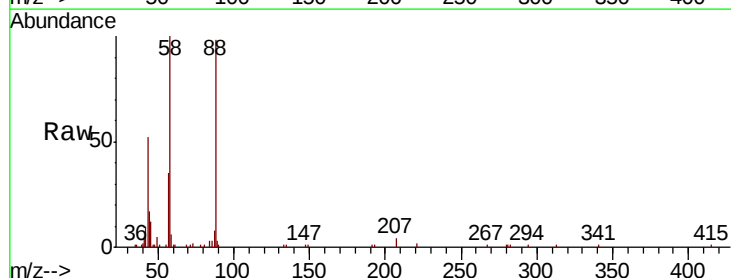
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



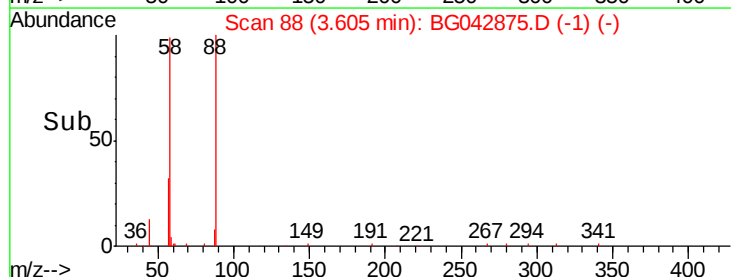
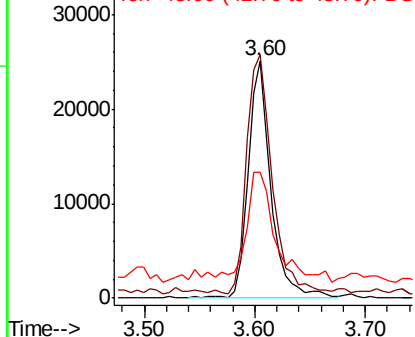
#2

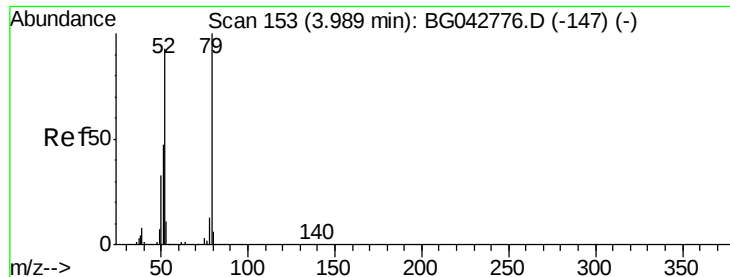
1,4-Dioxane
Concen: 23.378 ng
RT: 3.60 min Scan# 88
Delta R.T. 0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion: 88 Resp: 36277
Ion Ratio Lower Upper
88 100
58 113.6 79.1 118.7
43 58.1 30.4 45.6#



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





#3

Pvridine

Concen: 21.477 ng

RT: 4.05 min Scan# 163

Delta R.T. 0.06 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

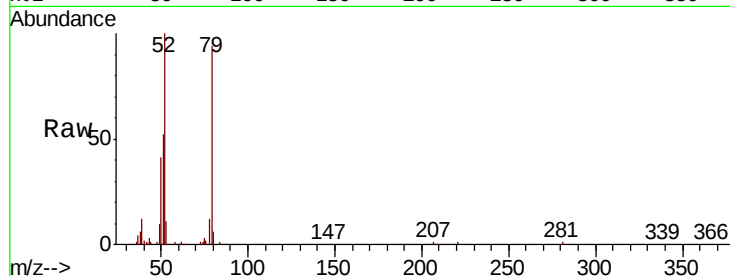
Tot Ion: 79 Resp: 100341

Ion Ratio Lower Upper

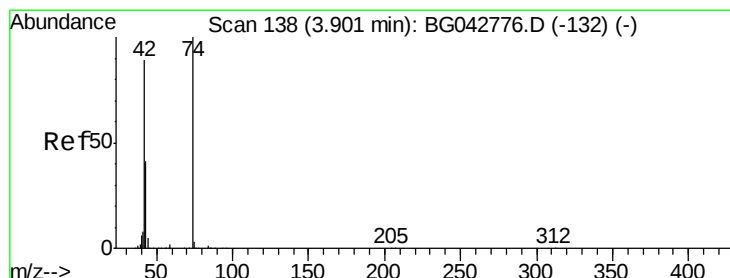
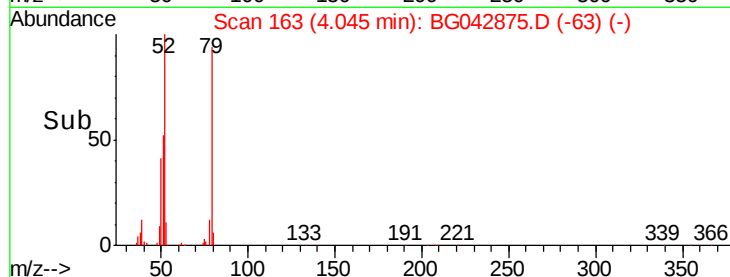
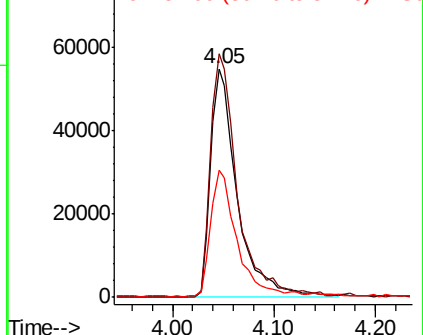
79 100

52 106.7 74.0 111.0

51 55.9 37.5 56.3



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: 34.681 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

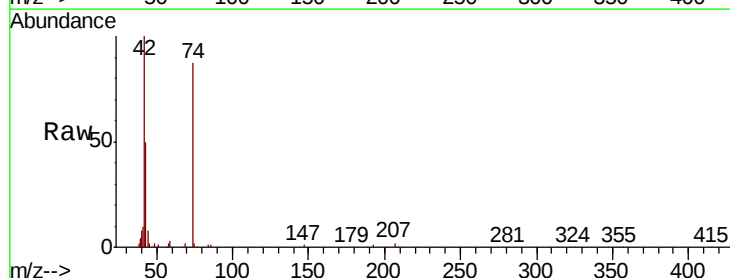
Tgt Ion: 42 Resp: 78844

Ion Ratio Lower Upper

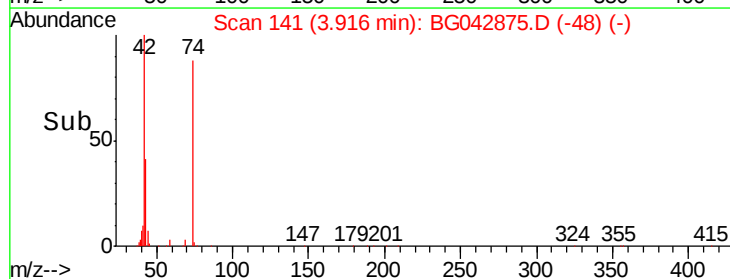
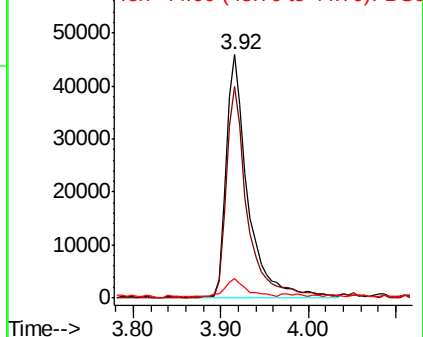
42 100

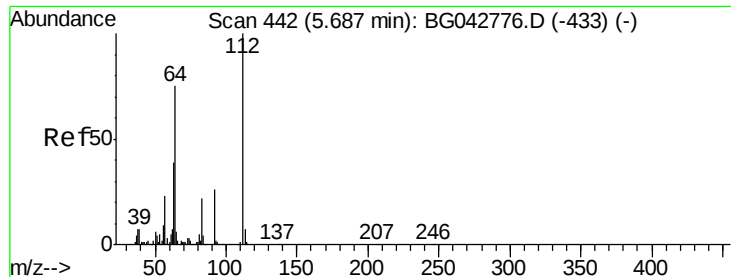
74 87.1 90.2 135.2#

44 7.9 6.6 9.8



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: 100.195 ng

RT: 5.71 min Scan# 446

Delta R.T. 0.02 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampled :

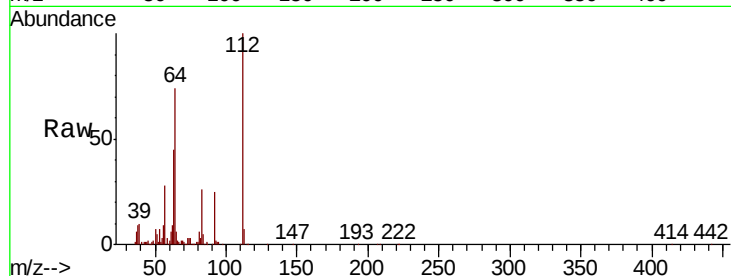
Tot Ion:112 Resp: 340670

Ion Ratio Lower Upper

112 100

64 74.1 60.2 90.2

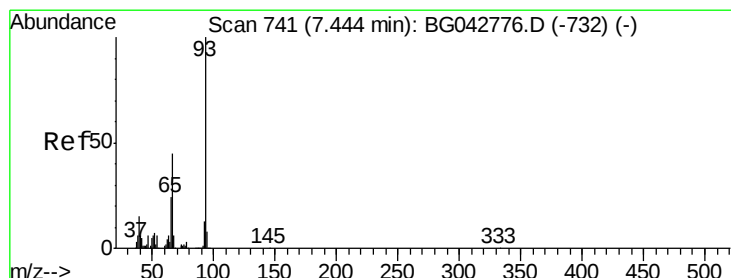
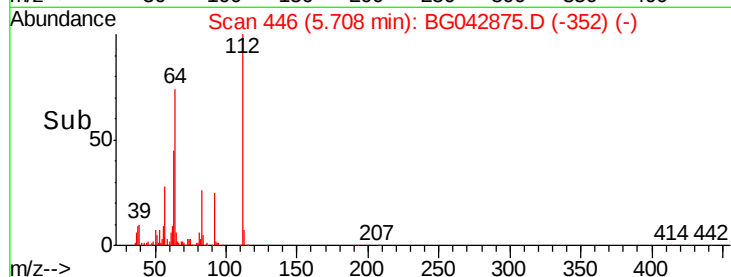
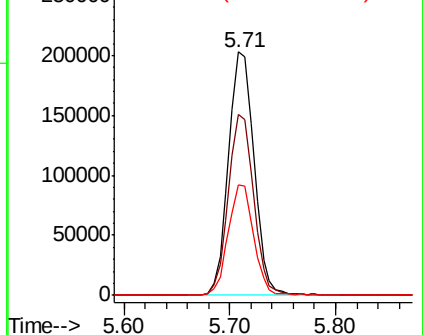
63 45.2 31.2 46.8



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: 16.032 ng

RT: 7.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

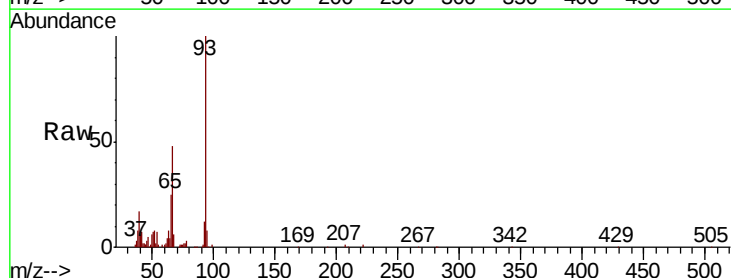
Tgt Ion: 93 Resp: 105558

Ion Ratio Lower Upper

93 100

66 47.7 36.3 54.5

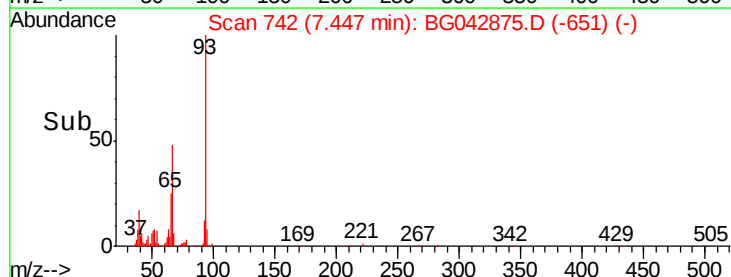
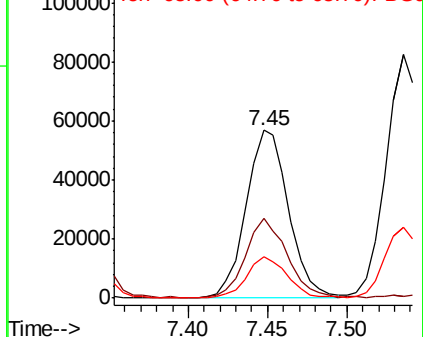
65 24.9 19.3 28.9

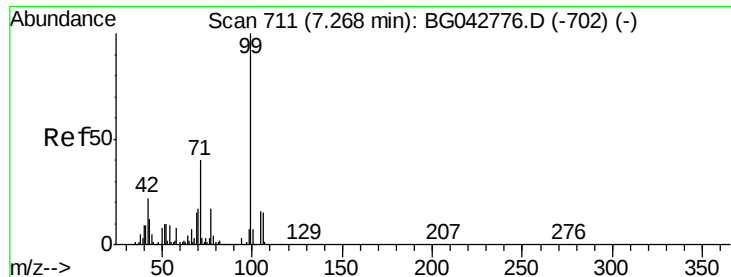


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.085 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.04 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

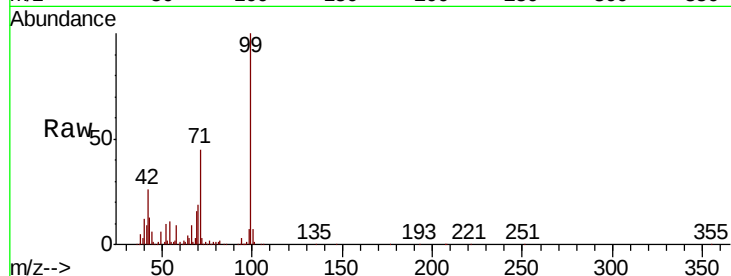
Tot Ion: 99 Resp: 537243

Ion Ratio Lower Upper

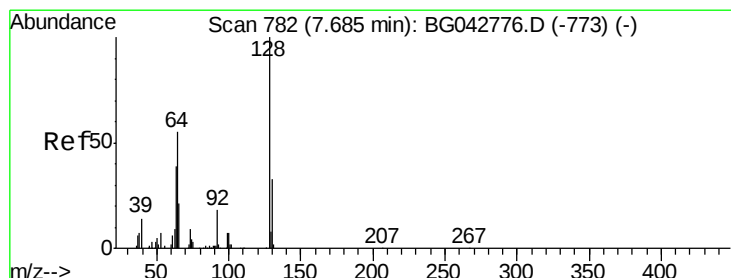
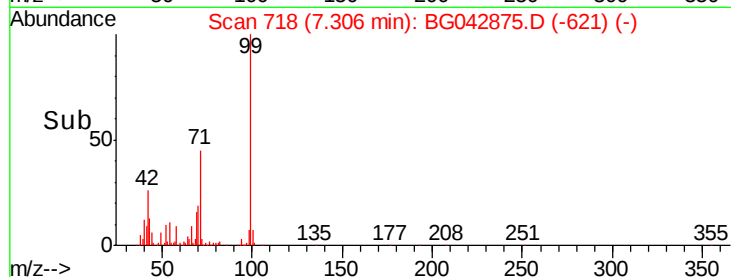
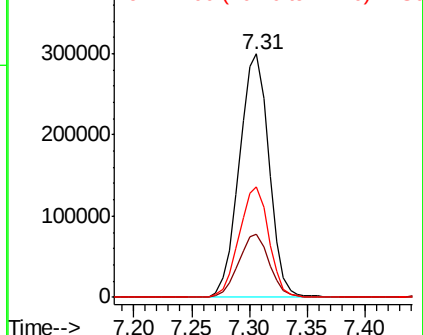
99 100

42 25.7 17.5 26.3

71 45.5 32.0 48.0



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: 39.495 ng

RT: 7.69 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

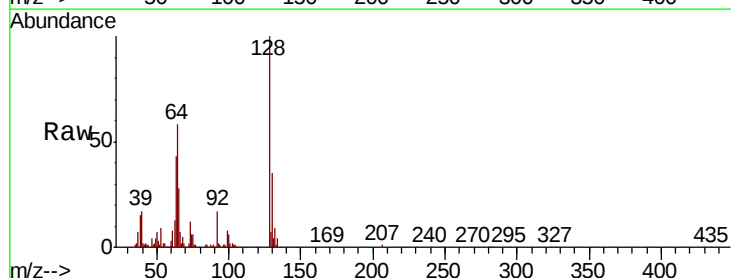
Tgt Ion: 128 Resp: 145154

Ion Ratio Lower Upper

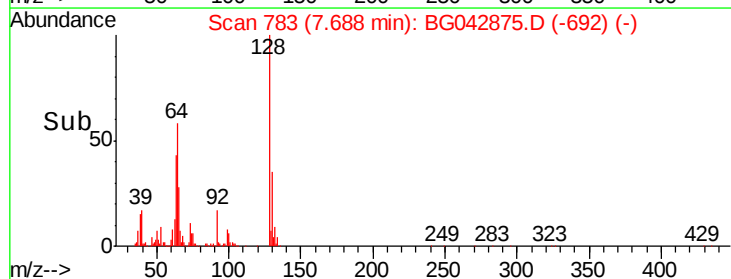
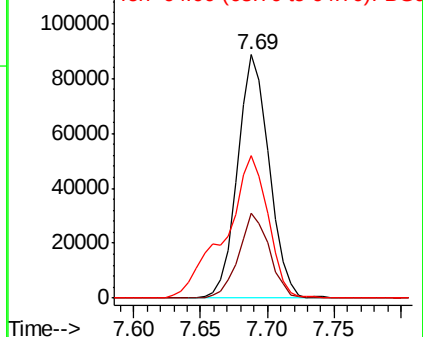
128 100

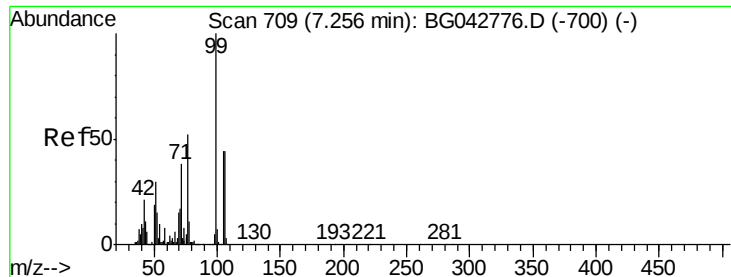
130 35.0 12.8 52.8

64 58.3 36.8 76.8



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





#9

Benzaldehyde

Concen: 28.229 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

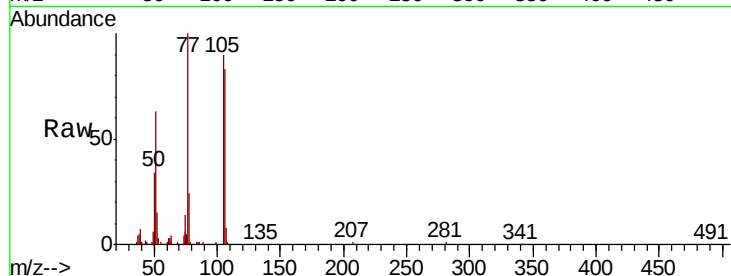
Tot Ion: 77 Resp: 89651

Ion Ratio Lower Upper

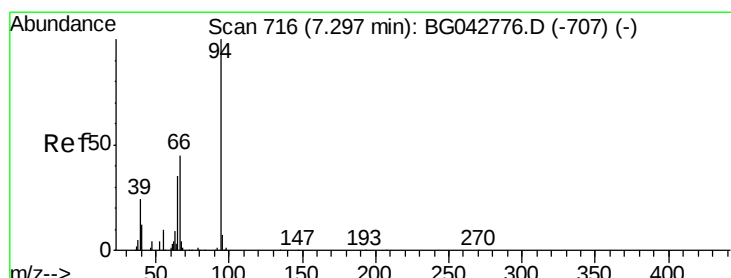
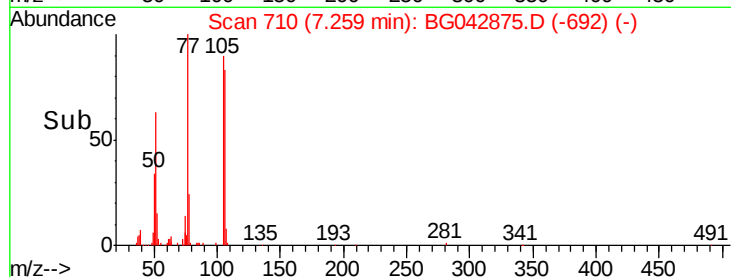
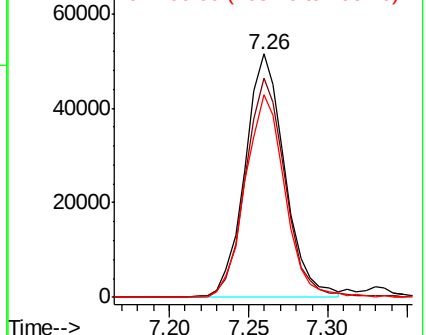
77 100

105 90.3 64.5 104.5

106 83.4 63.4 103.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.614 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.03 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

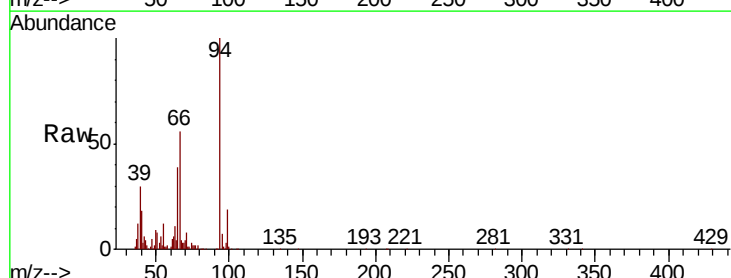
Tgt Ion: 94 Resp: 213277

Ion Ratio Lower Upper

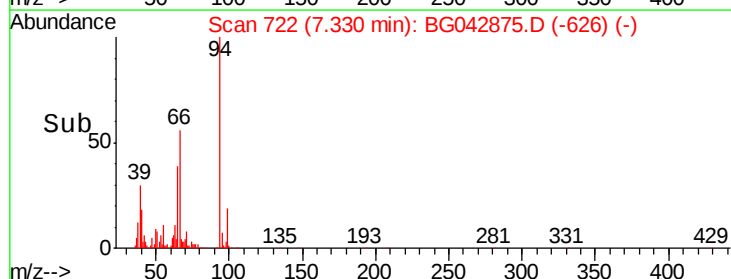
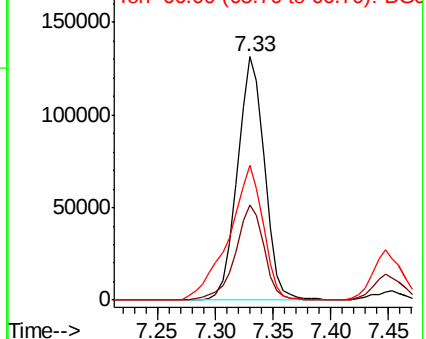
94 100

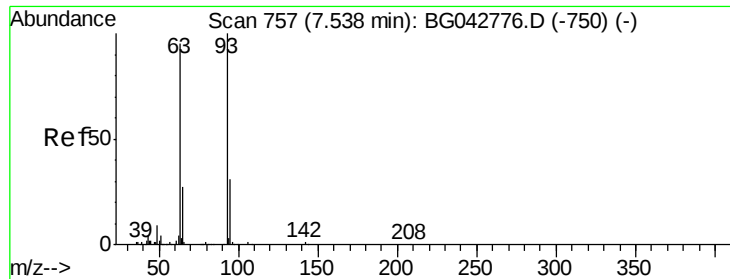
65 39.3 15.0 55.0

66 55.5 26.1 66.1



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

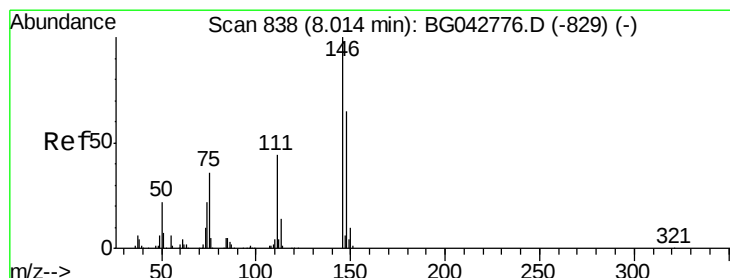
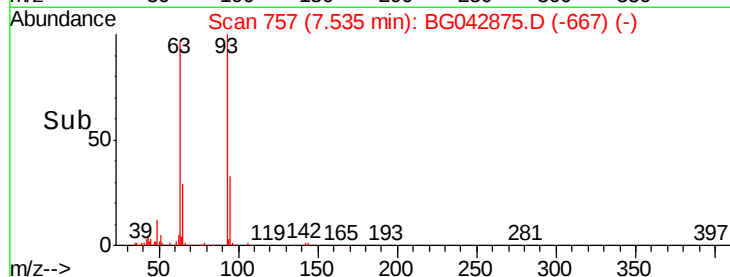
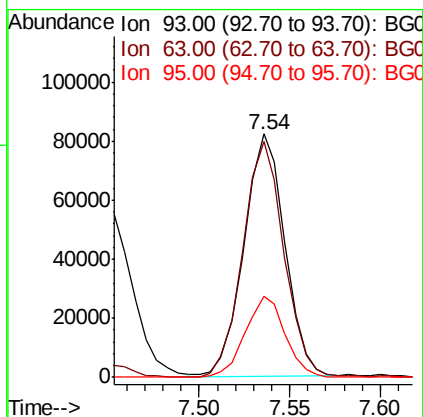
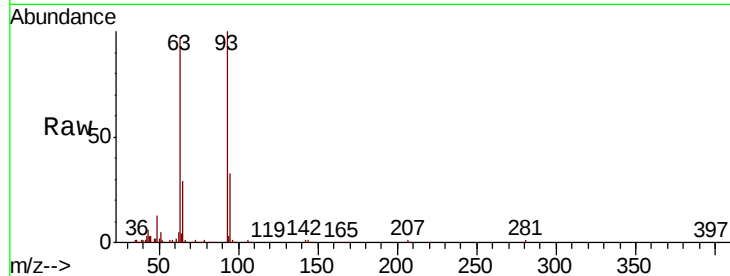




#11
bis(2-Chloroethyl)ether
Concen: 33.461 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

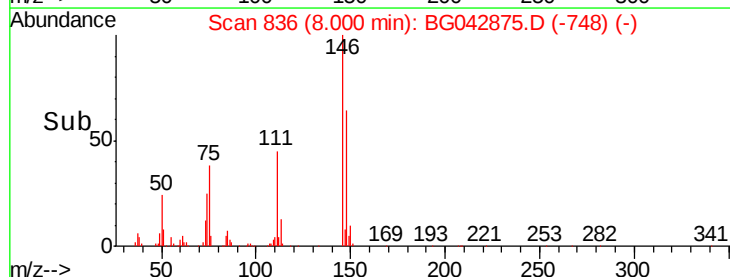
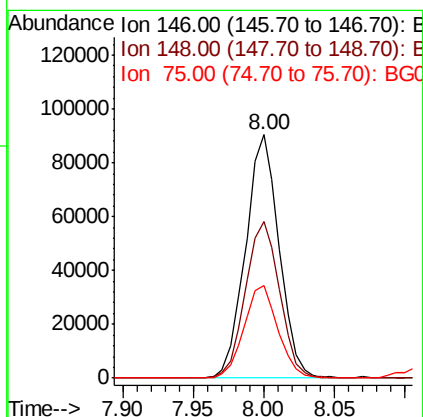
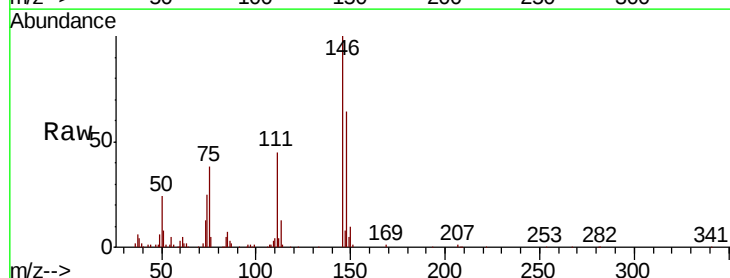
Instrument :
BNA_G
ClientSampleId :

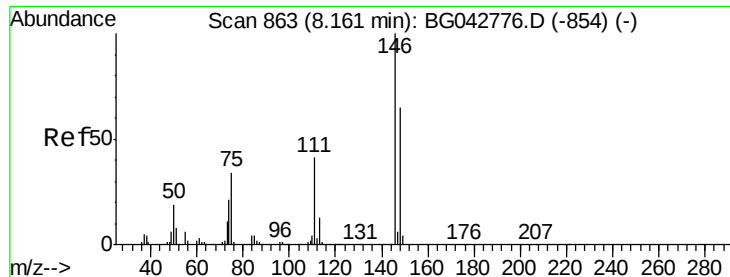
Tot Ion: 93 Resp: 128524
Ion Ratio Lower Upper
93 100
63 96.8 74.7 114.7
95 33.2 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 33.627 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion: 146 Resp: 150743
Ion Ratio Lower Upper
146 100
148 64.4 51.9 77.9
75 38.1 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 34.661 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

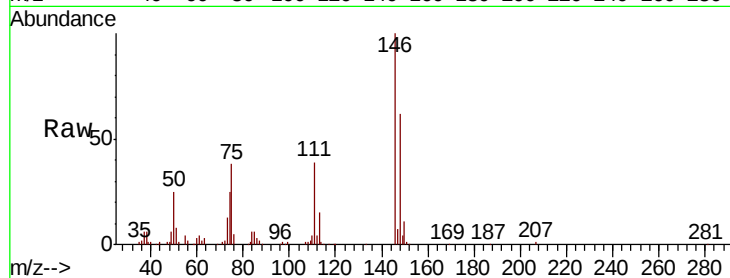
Tot Ion:146 Resp: 155558

Ion Ratio Lower Upper

146 100

148 62.3 52.2 78.4

111 38.7 32.6 49.0

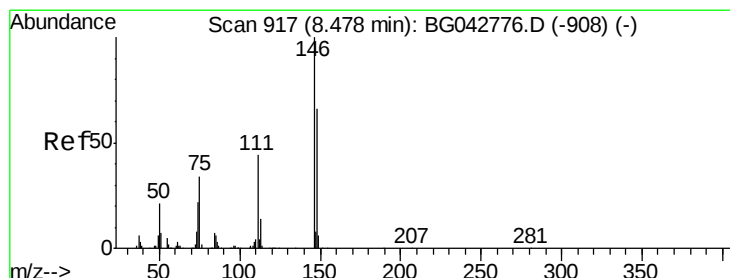
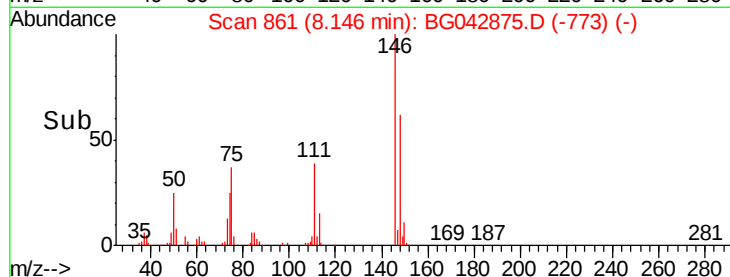
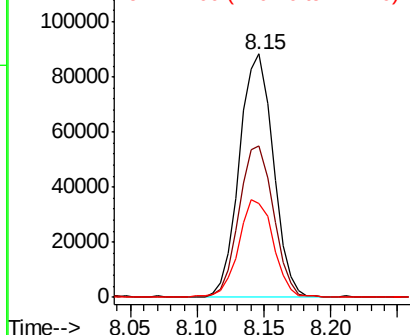


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.338 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

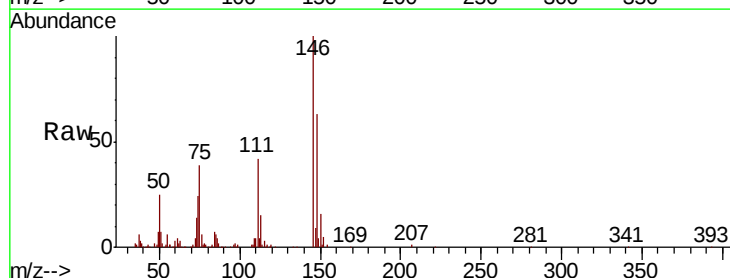
Tgt Ion:146 Resp: 146698

Ion Ratio Lower Upper

146 100

148 63.0 52.6 78.8

111 41.5 35.3 52.9

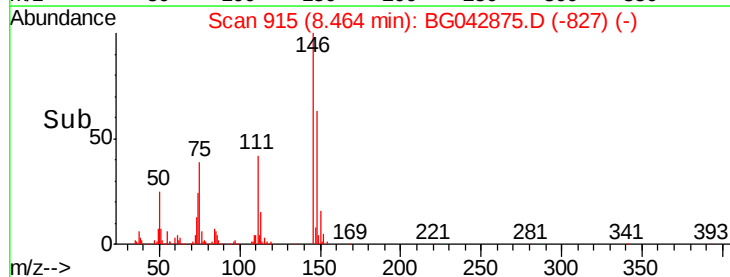
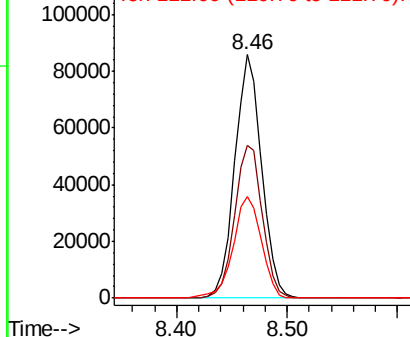


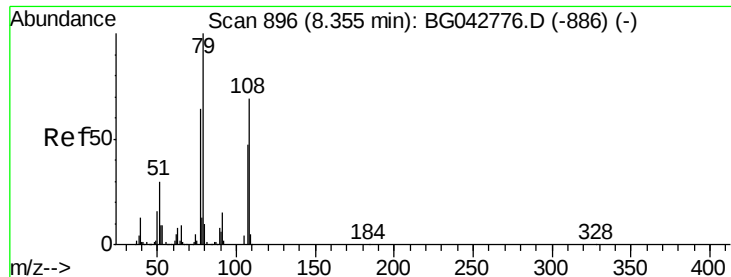
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.446 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampled :

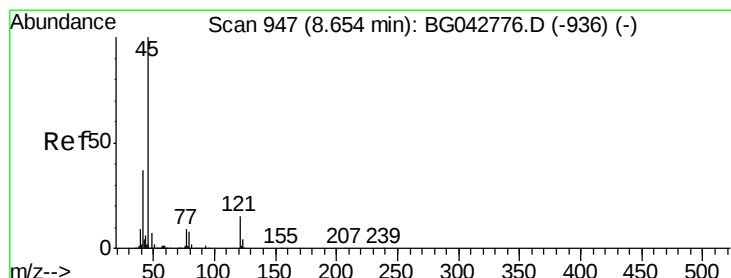
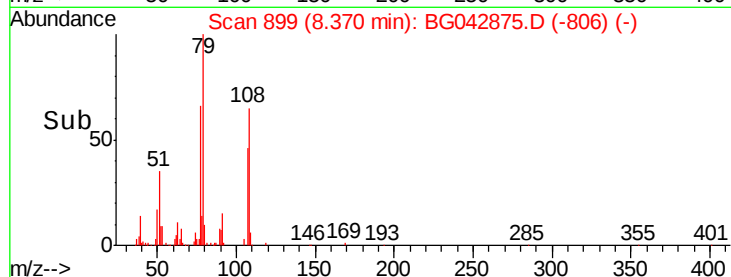
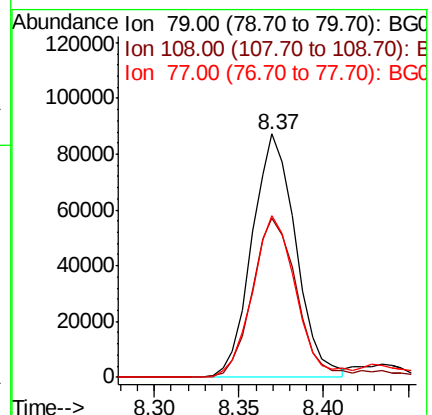
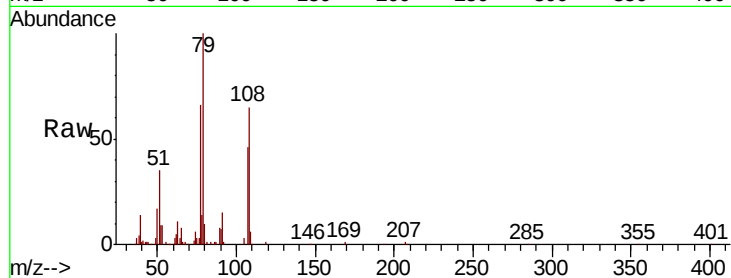
Tot Ion: 79 Resp: 156832

Ion Ratio Lower Upper

79 100

108 65.3 54.9 82.3

77 66.3 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.391 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

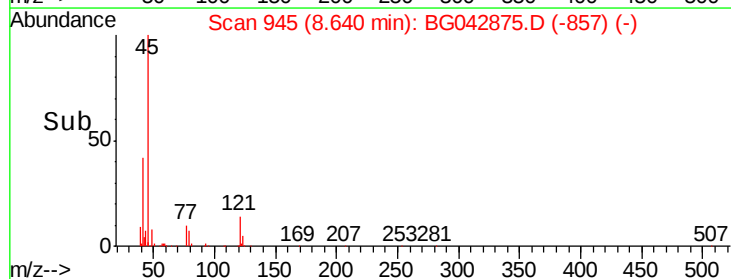
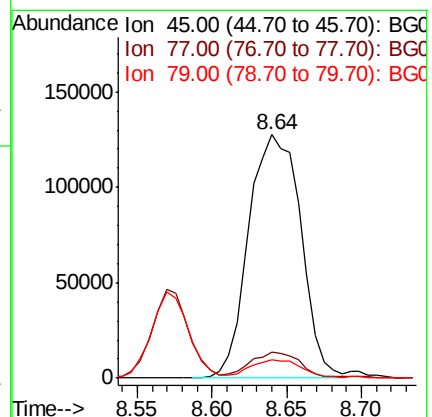
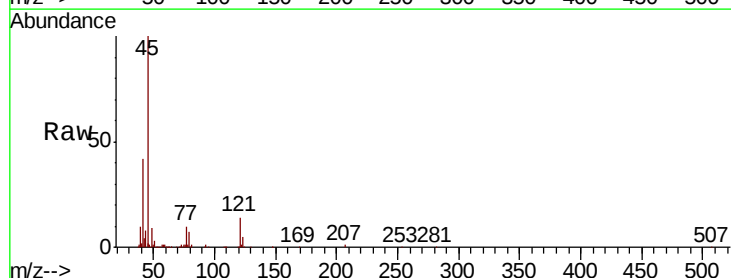
Tgt Ion: 45 Resp: 306959

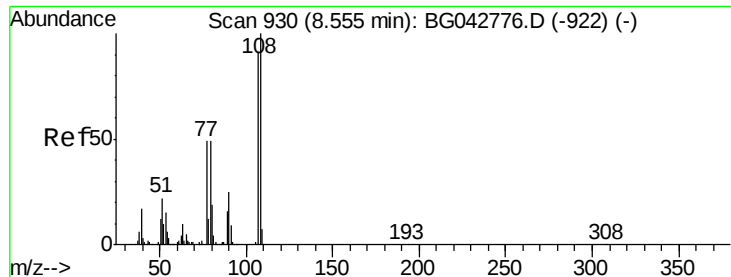
Ion Ratio Lower Upper

45 100

77 10.5 0.0 29.4

79 7.4 0.0 28.4

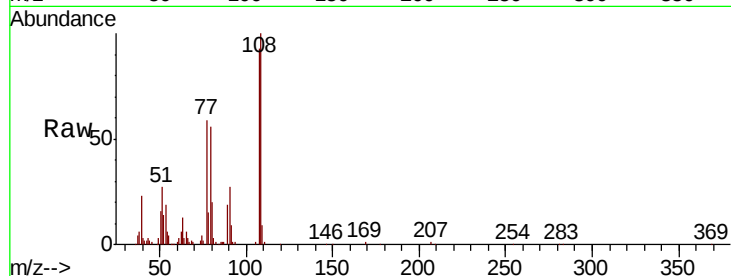




#17
2-Methylphenol
Concen: 41.143 ng
RT: 8.57 min Scan# 933
Delta R.T. 0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.7	87.7	131.5
77	63.1	42.6	64.0
79	60.8	43.4	65.2



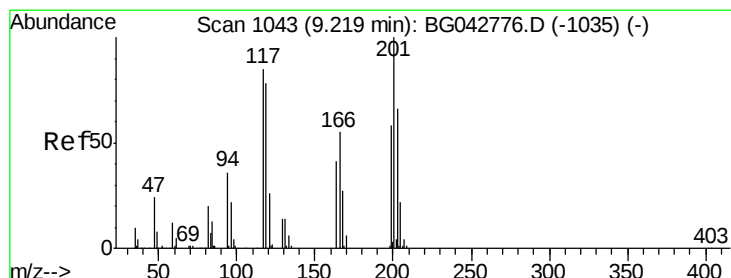
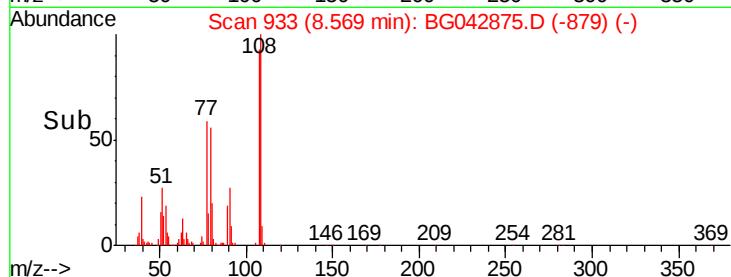
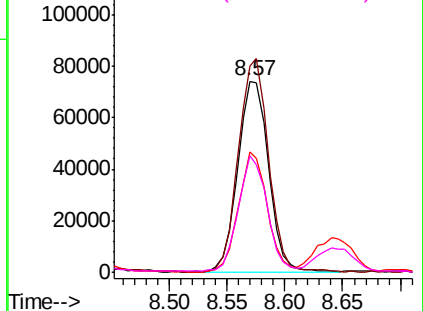
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

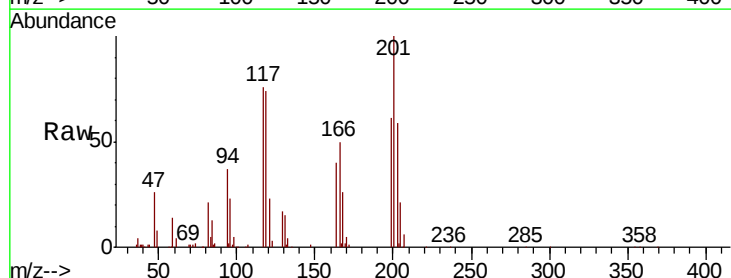
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 34.356 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	73.8	110.8
201	130.9	94.6	142.0

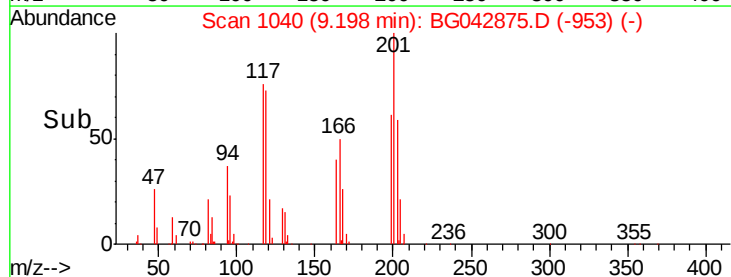
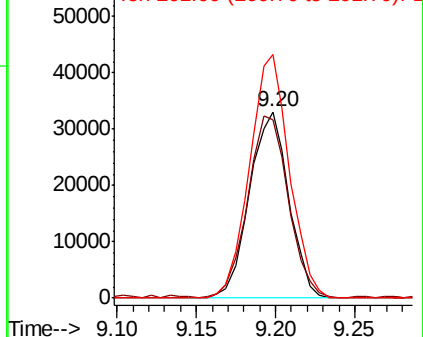


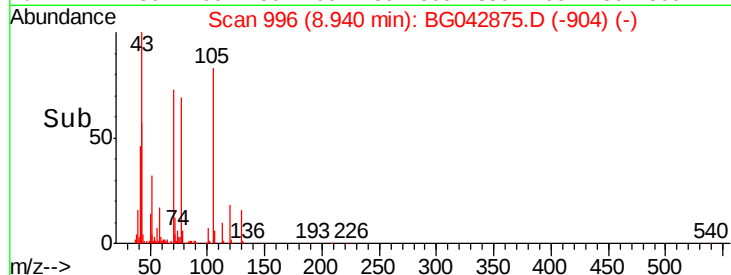
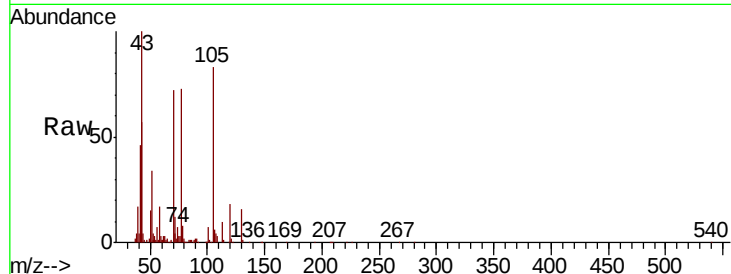
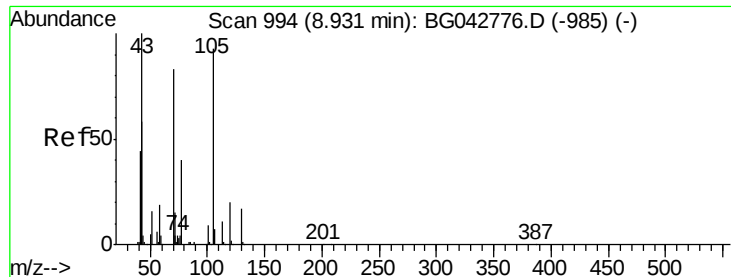
Abundance

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

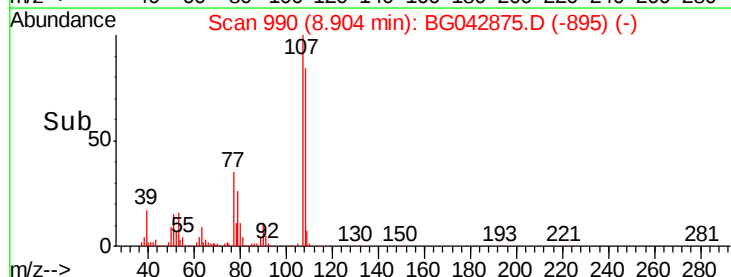
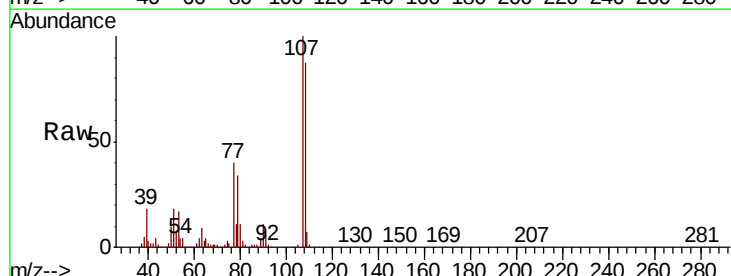
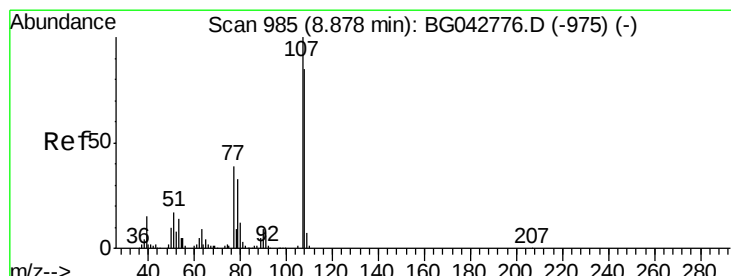
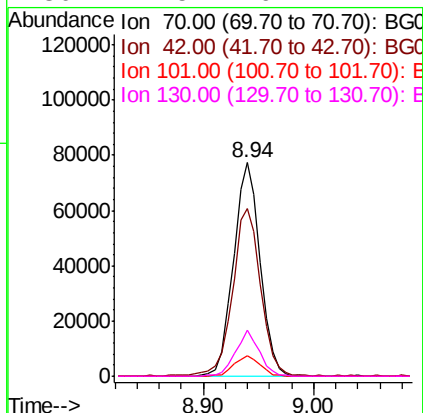




#19
n-Nitroso-di-n-propylamine
Concen: 36.385 ng
RT: 8.94 min Scan# 996
Delta R.T. 0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

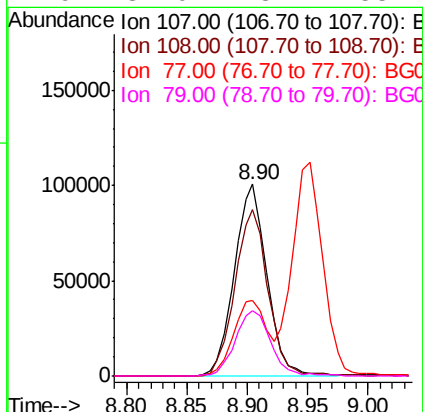
Instrument :
BNA_G
ClientSampleId :

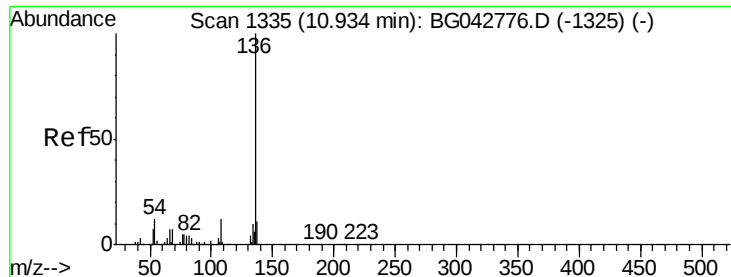
Tot Ion:	70	Resp:	130843
Ion	Ratio	Lower	Upper
70	100		
42	78.6	57.0	85.6
101	9.7	8.4	12.6
130	21.5	16.1	24.1



#20
3+4-Methylphenols
Concen: 40.900 ng
RT: 8.90 min Scan# 990
Delta R.T. 0.03 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion:	107	Resp:	188776
Ion	Ratio	Lower	Upper
107	100		
108	87.1	65.4	105.4
77	39.7	18.7	58.7
79	34.0	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BG042875.D

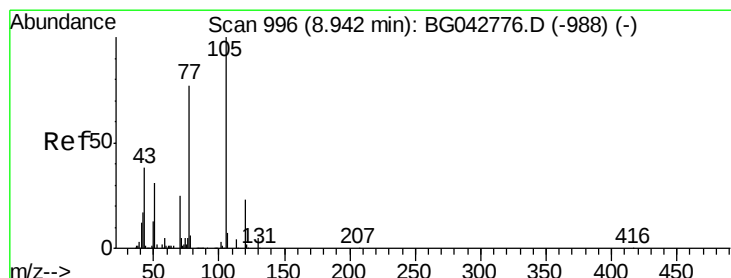
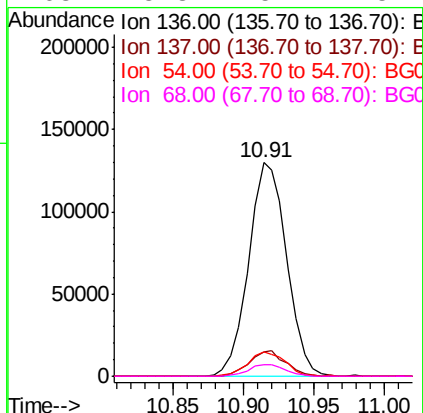
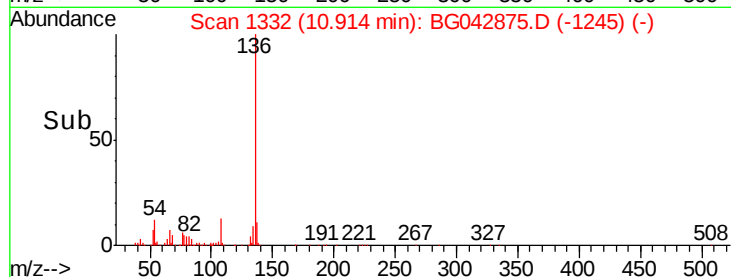
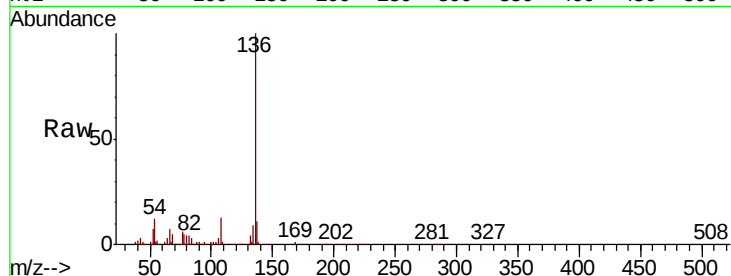
Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp:	244713
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.0 13.6
54	11.7	9.4 14.0
68	5.3	5.4 8.2#



#22

Acetophenone

Concen: 36.745 ng

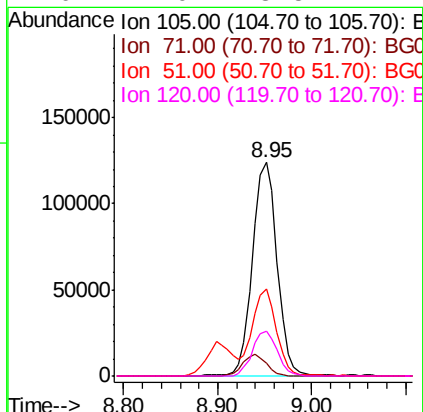
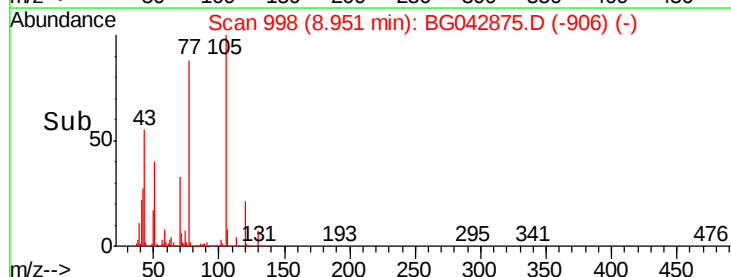
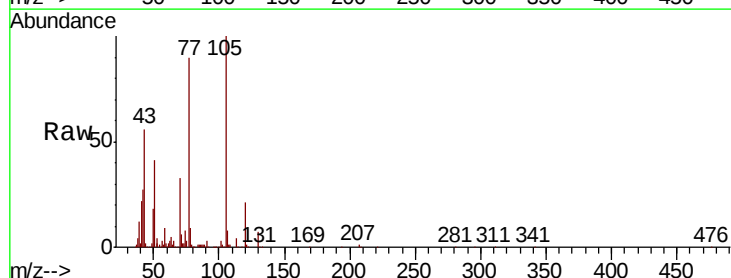
RT: 8.95 min Scan# 998

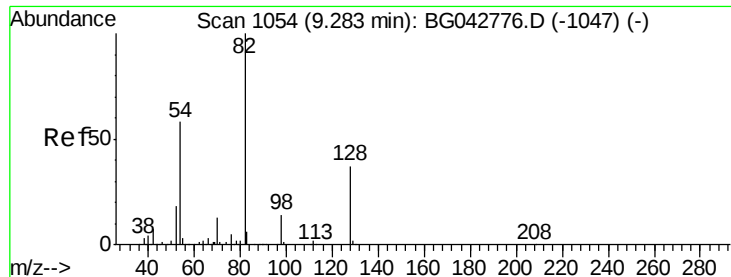
Delta R.T. 0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:105	Resp:	227095
Ion	Ratio	Lower Upper
105	100	
71	6.0	3.7 5.5#
51	40.7	28.8 43.2
120	21.0	18.5 27.7

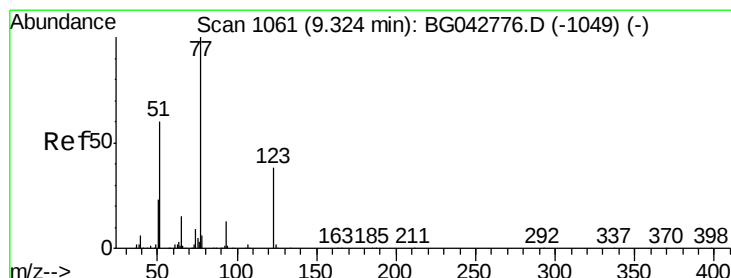
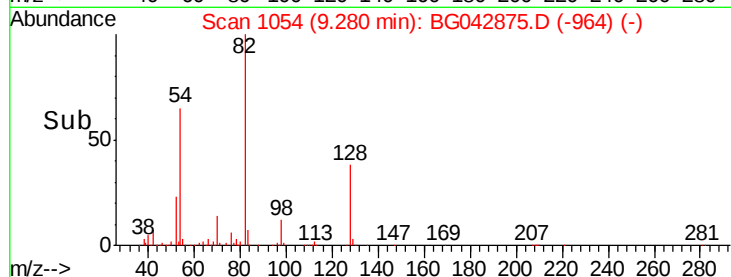
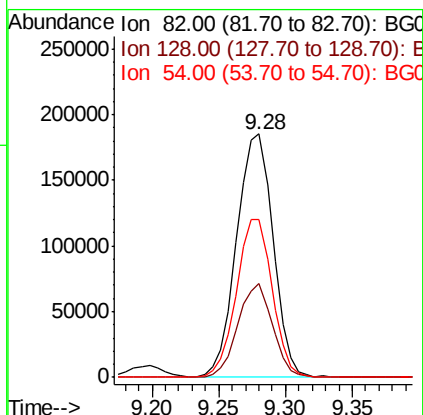
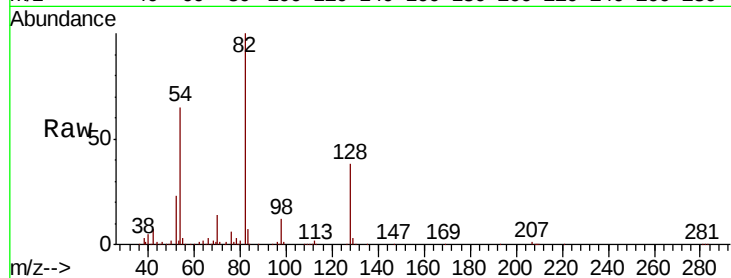




#23
 Nitrobenzene-d5
 Concen: 74.493 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

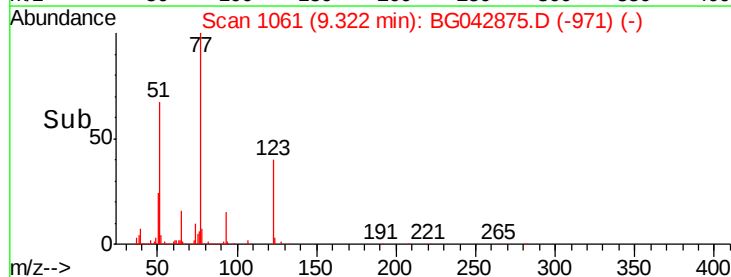
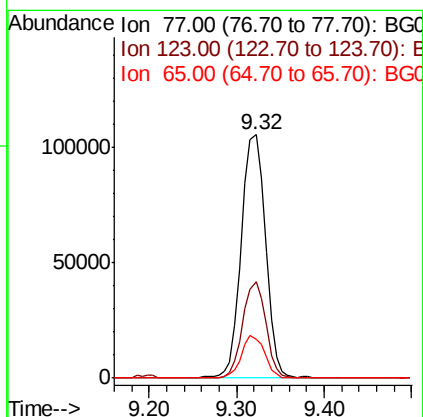
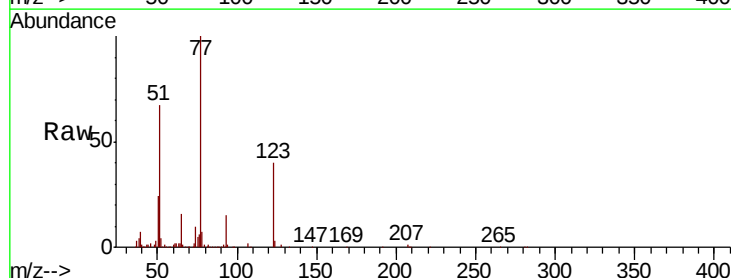
Instrument :
 BNA_G
 ClientSampleId :

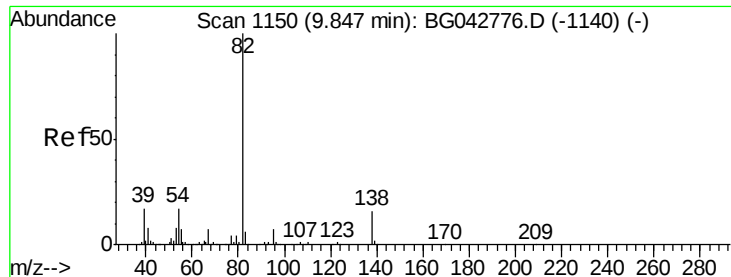
Tot Ion	82	Resp	350144
Ion Ratio	Lower	Upper	
82	100		
128	38.4	29.8	44.8
54	64.8	46.1	69.1



#24
 Nitrobenzene
 Concen: 40.146 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion	77	Resp	198067
Ion Ratio	Lower	Upper	
77	100		
123	39.6	30.7	46.1
65	16.0	12.2	18.4





#25

Isophorone

Concen: 36.826 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.03 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampled :

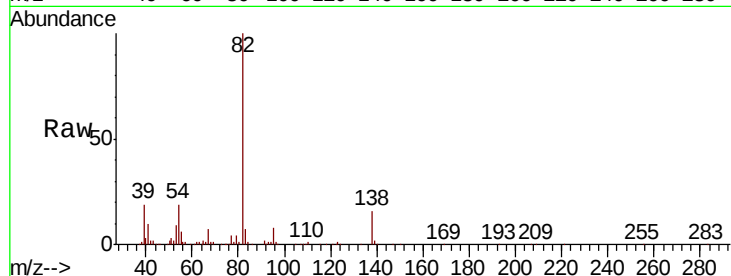
Tot Ion: 82 Resp: 360805

Ion Ratio Lower Upper

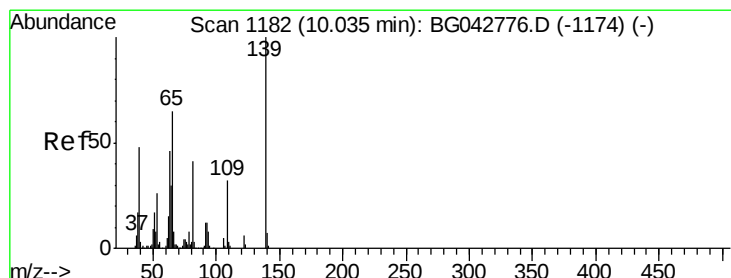
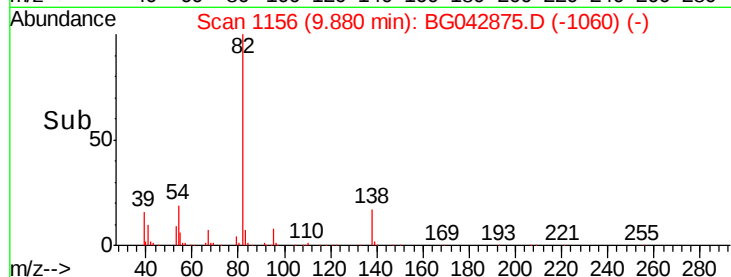
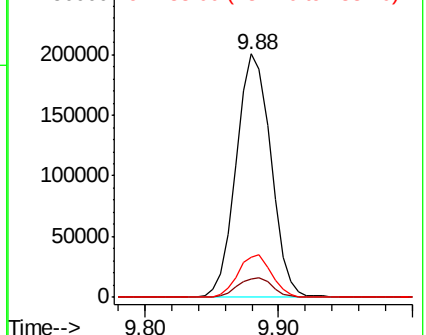
82 100

95 7.8 5.8 8.8

138 16.4 12.9 19.3



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



#26

2-Nitrophenol

Concen: 44.918 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

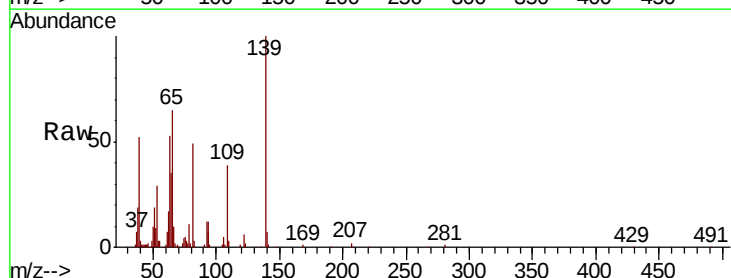
Tgt Ion: 139 Resp: 87144

Ion Ratio Lower Upper

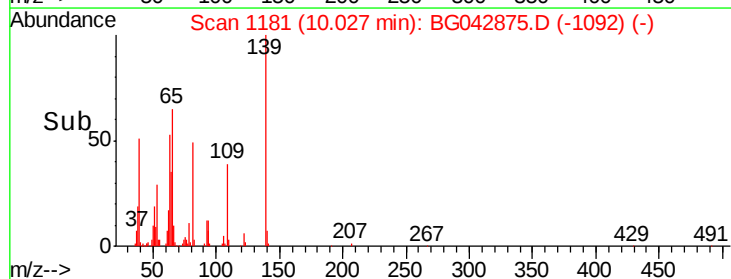
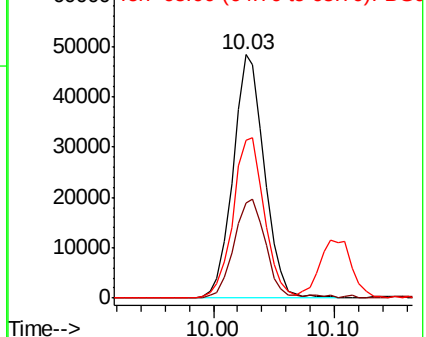
139 100

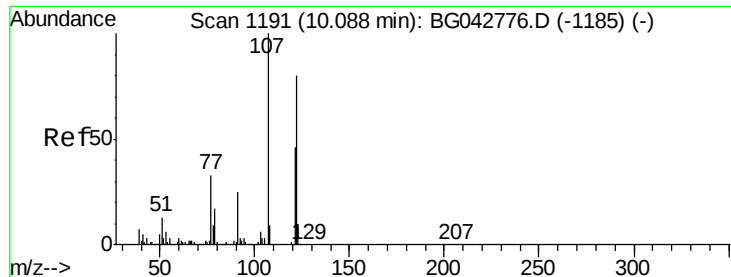
109 38.8 25.8 38.8#

65 64.6 52.2 78.2



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





#27

2,4-Dimethylphenol

Concen: 44.383 ng

RT: 10.10 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampled :

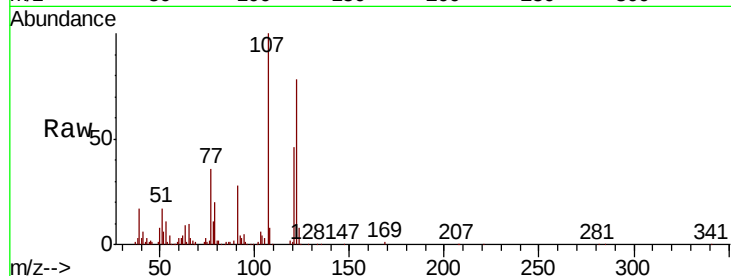
Tot Ion:122 Resp: 152314

Ion Ratio Lower Upper

122 100

107 128.0 98.9 148.3

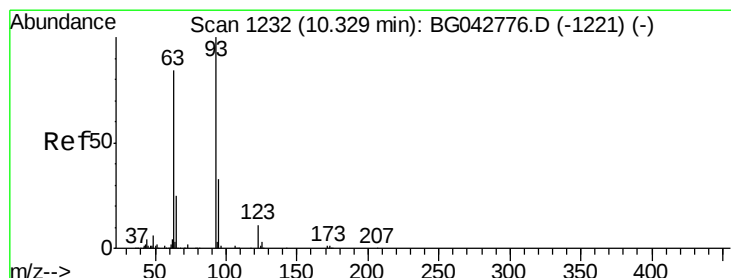
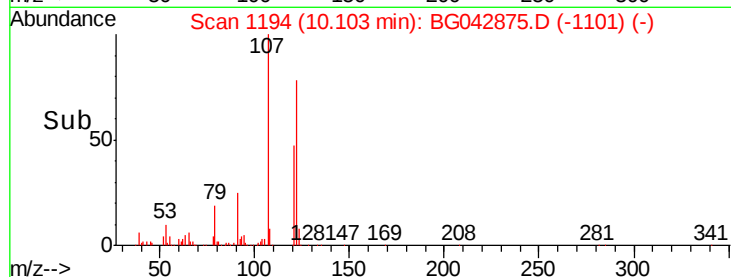
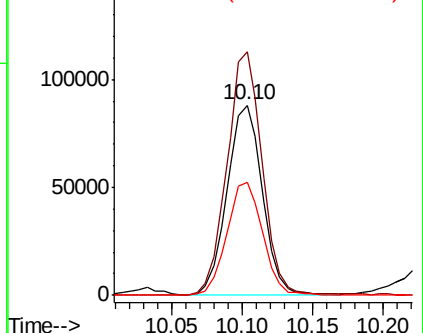
121 59.5 46.2 69.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.630 ng

RT: 10.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

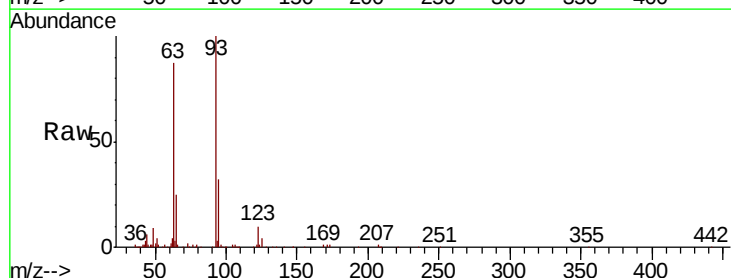
Tgt Ion: 93 Resp: 194674

Ion Ratio Lower Upper

93 100

95 32.5 26.6 40.0

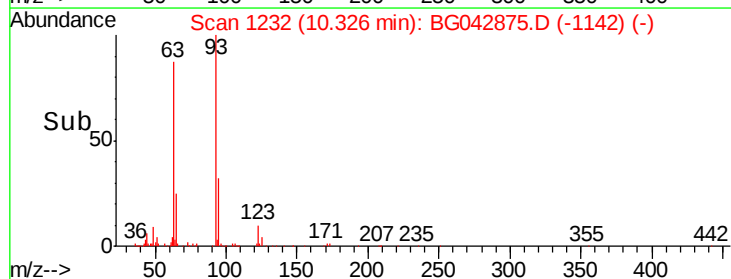
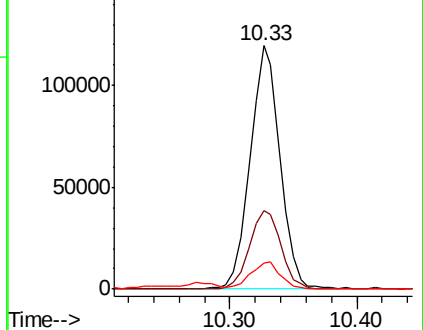
123 10.5 9.0 13.6

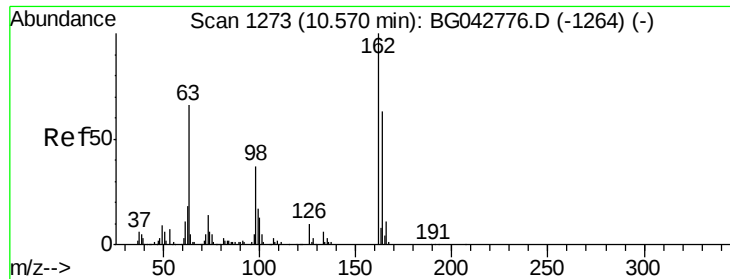


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

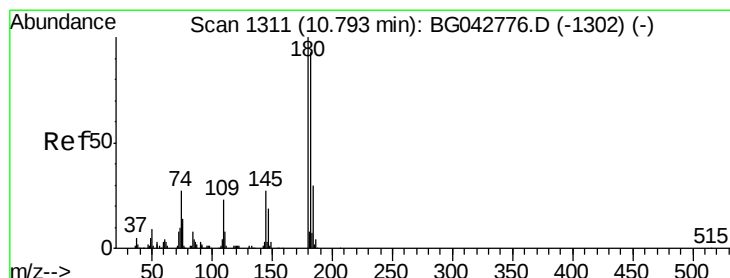
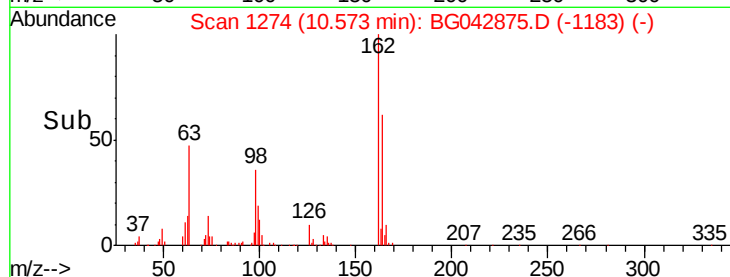
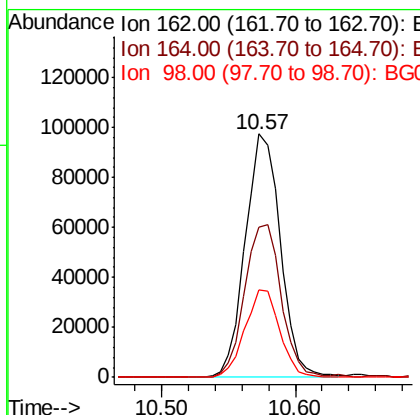
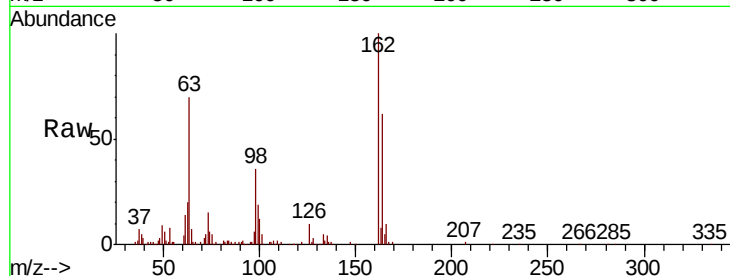




#29
 2,4-Dichlorophenol
 Concen: 44.303 ng
 RT: 10.57 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

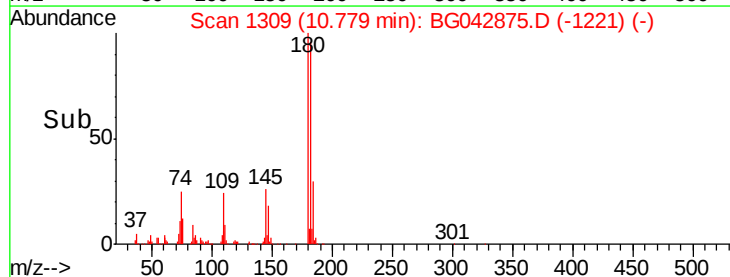
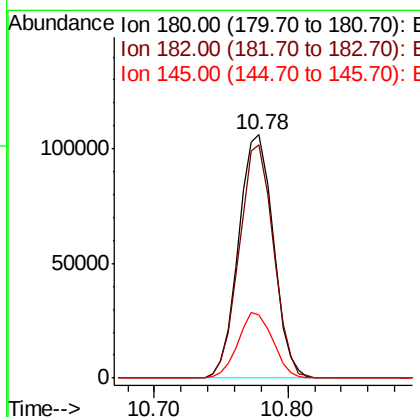
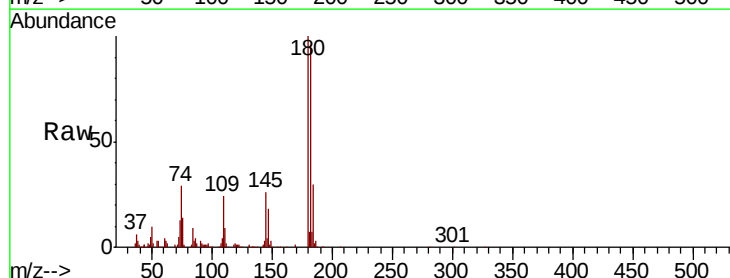
Instrument :
 BNA_G
 ClientSampleId :

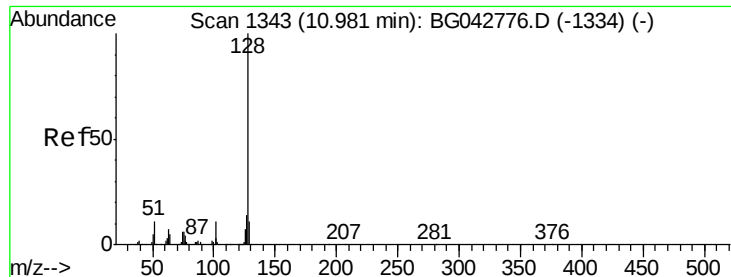
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.9	43.4	83.4
98	35.8	17.0	57.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.246 ng
 RT: 10.78 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	74.6	112.0
145	26.0	21.8	32.6

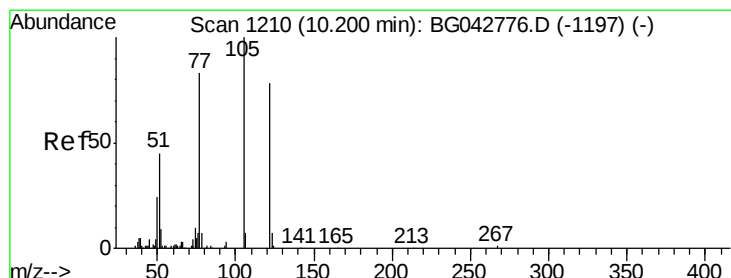
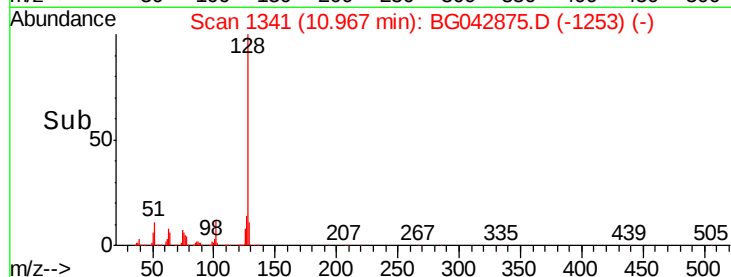
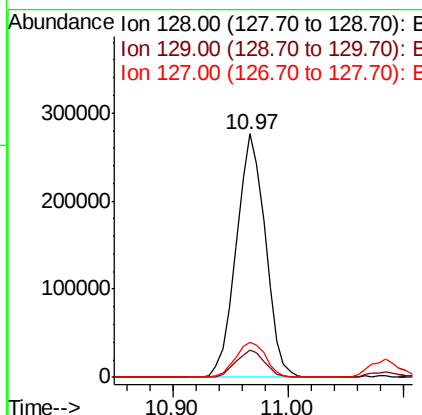
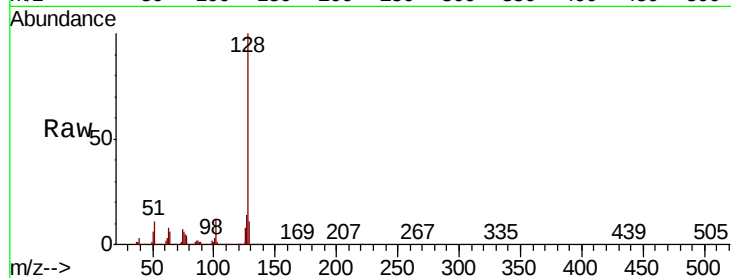




#31
Naphthalene
Concen: 39.872 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

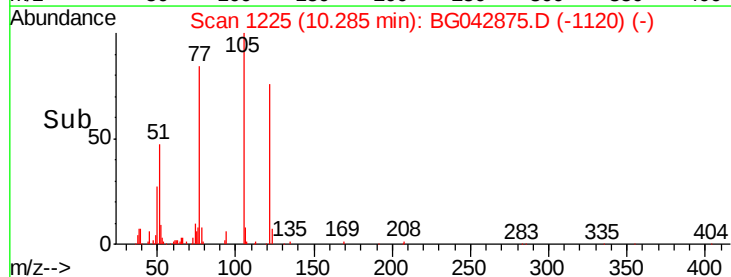
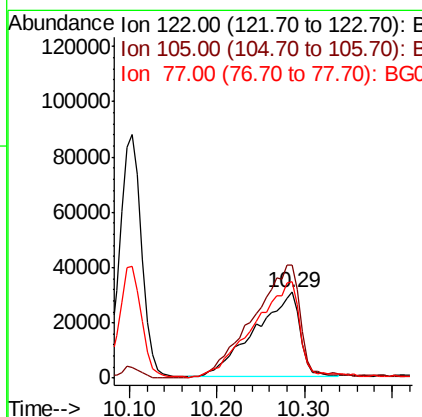
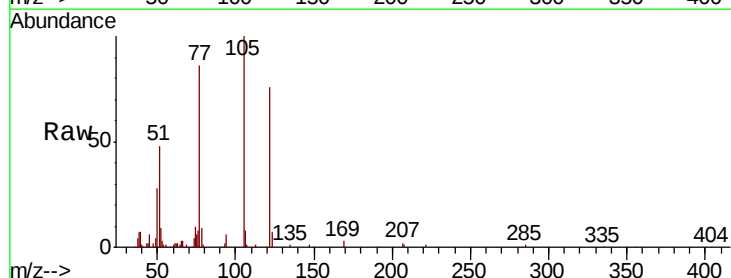
Instrument :
BNA_G
ClientSampleId :

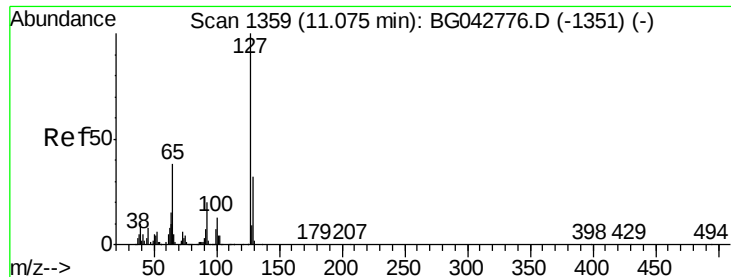
Tot Ion:128 Resp: 481749
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 14.2 11.4 17.2



#32
Benzoic acid
Concen: 40.393 ng
RT: 10.29 min Scan# 1225
Delta R.T. 0.09 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion:122 Resp: 109126
Ion Ratio Lower Upper
122 100
105 131.0 104.0 144.0
77 112.4 84.2 124.2

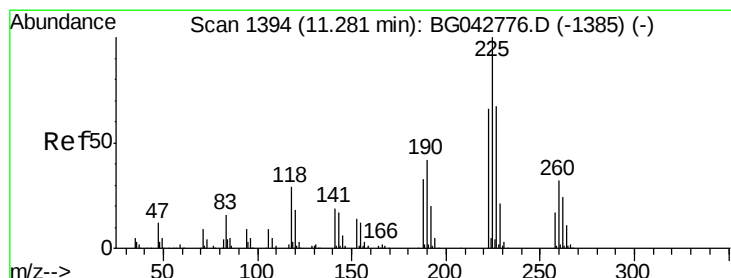
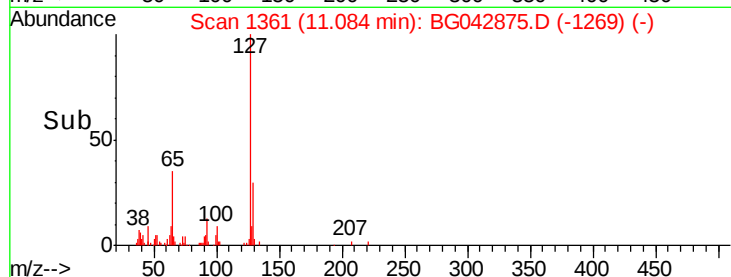
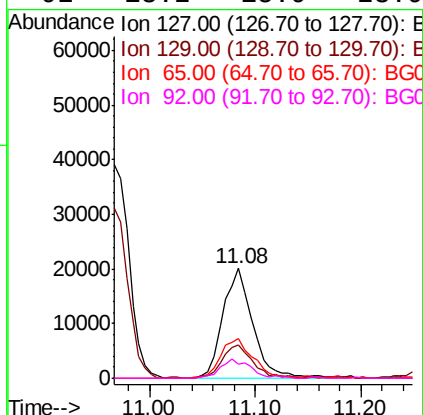
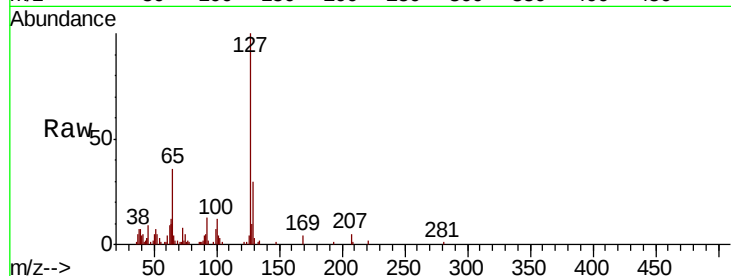




#33
4-Chloroaniline
Concen: 6.997 ng
RT: 11.08 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

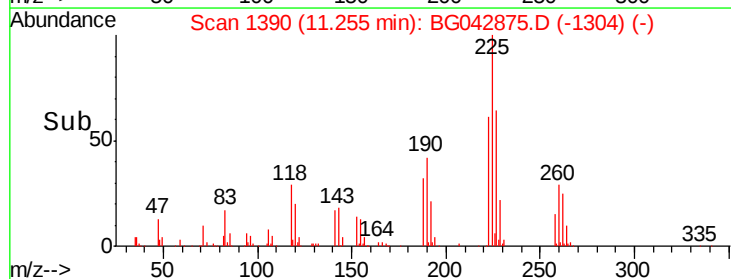
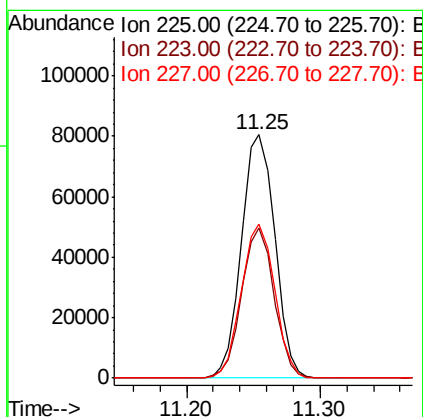
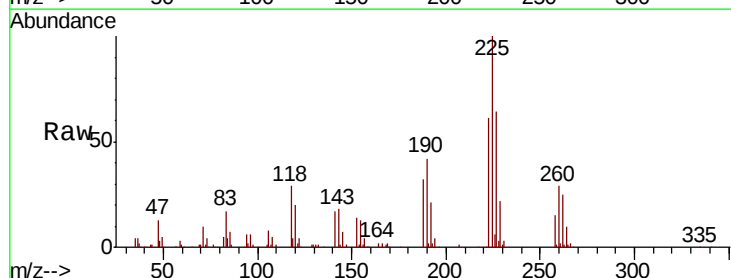
Instrument :
BNA_G
ClientSampled :

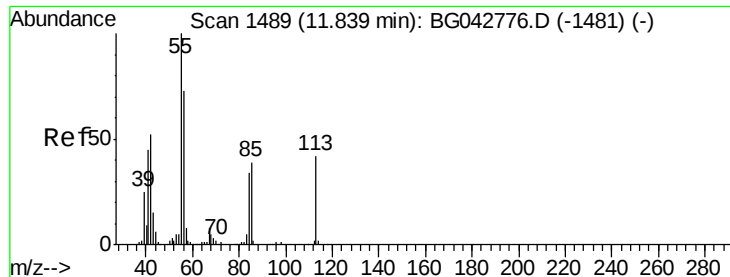
Tot Ion:	127	Resp:	39515
Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.8	38.6
65	36.0	30.5	45.7
92	13.2	15.9	23.9



#34
Hexachlorobutadiene
Concen: 40.803 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.03 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion:	225	Resp:	139195
Ion	Ratio	Lower	Upper
225	100		
223	61.4	52.6	79.0
227	63.5	53.6	80.4

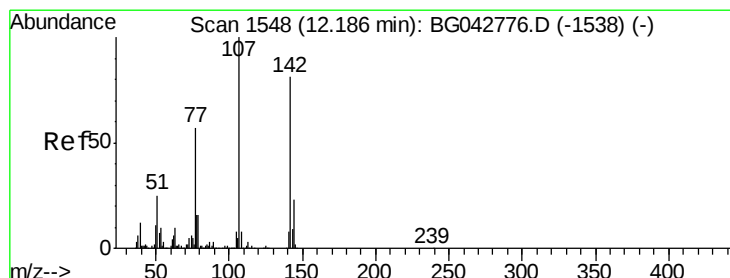
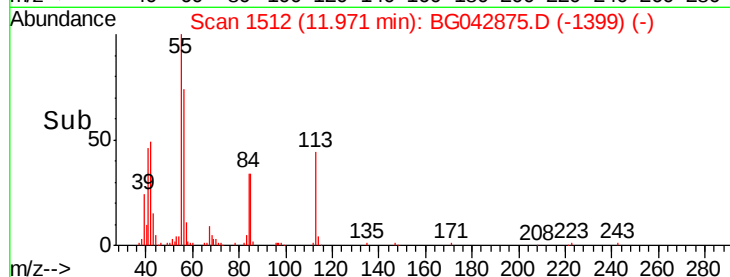
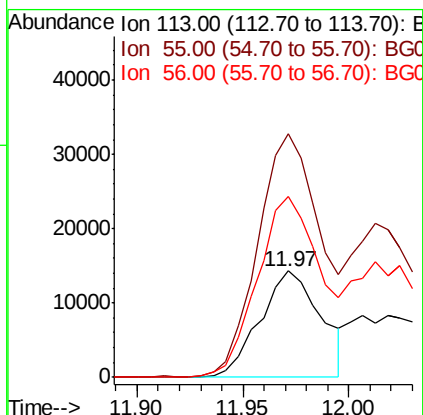
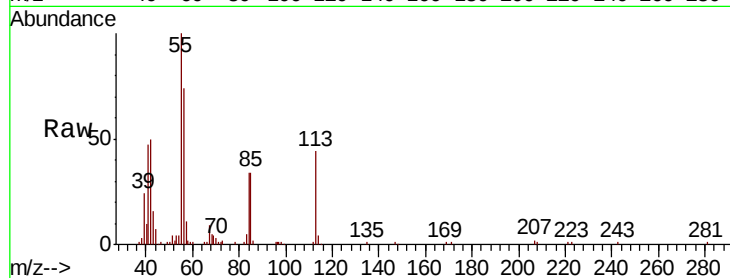




#35
Caprolactam
Concen: 19.371 ng
RT: 11.97 min Scan# 1512
Delta R.T. 0.13 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

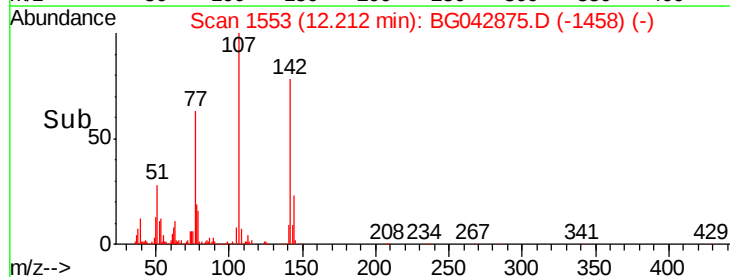
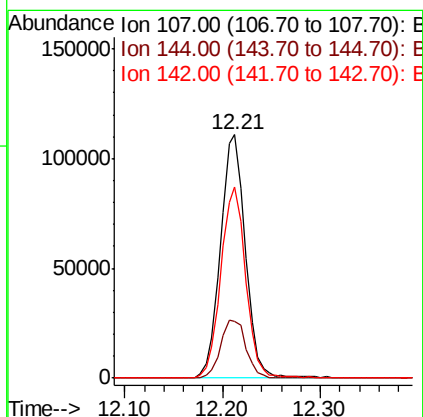
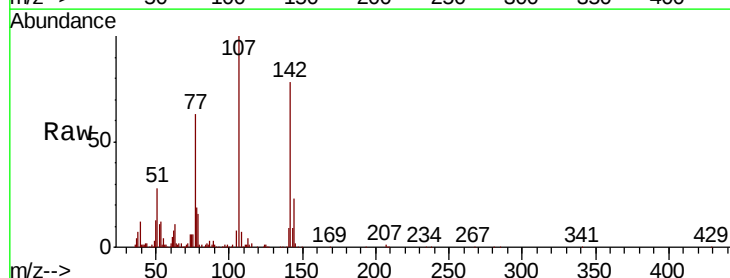
Instrument :
BNA_G
ClientSampleId :

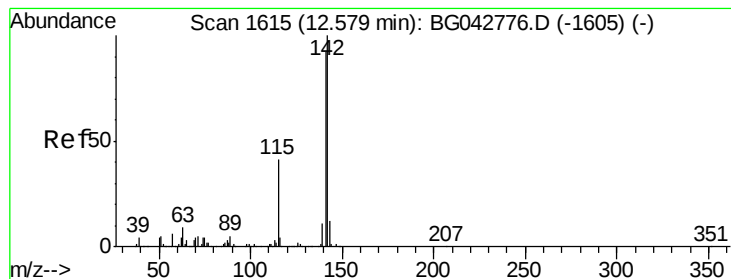
Tot Ion:113 Resp: 28728
Ion Ratio Lower Upper
113 100
55 229.3 218.4 258.4
56 170.2 154.8 194.8



#36
4-Chloro-3-methylphenol
Concen: 45.237 ng
RT: 12.21 min Scan# 1553
Delta R.T. 0.03 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion:107 Resp: 195880
Ion Ratio Lower Upper
107 100
144 23.1 18.7 28.1
142 78.3 65.0 97.4





#37

2-Methylnaphthalene

Concen: 42.541 ng

RT: 12.56 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

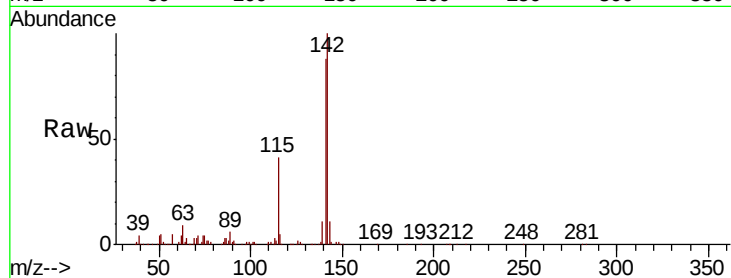
Tot Ion:142 Resp: 385027

Ion Ratio Lower Upper

142 100

141 88.5 73.8 110.8

115 40.8 33.0 49.4

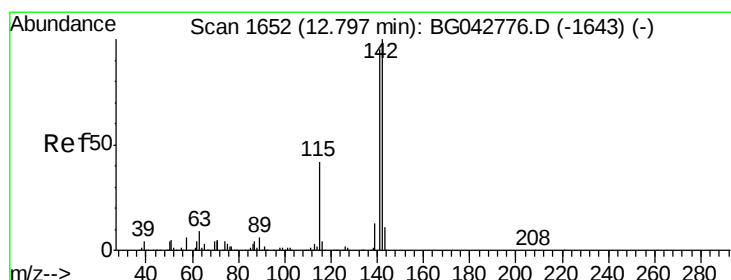
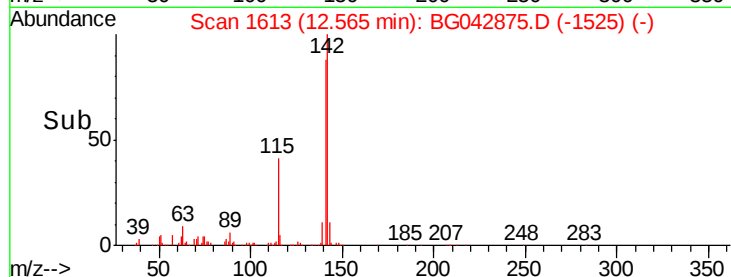
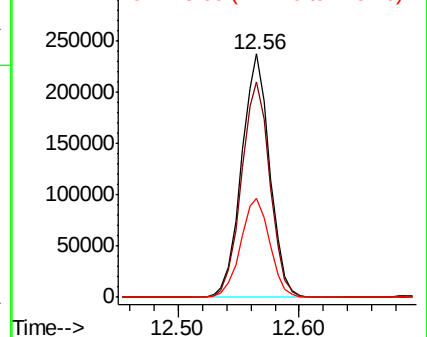


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.357 ng

RT: 12.56 min Scan# 1613

Delta R.T. -0.23 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

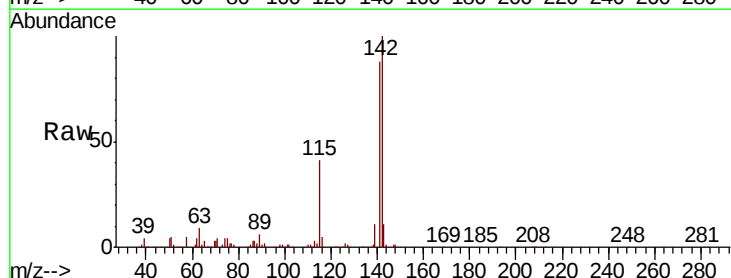
Tgt Ion:142 Resp: 385027

Ion Ratio Lower Upper

142 100

141 88.5 76.3 114.5

116 4.7 3.4 5.0

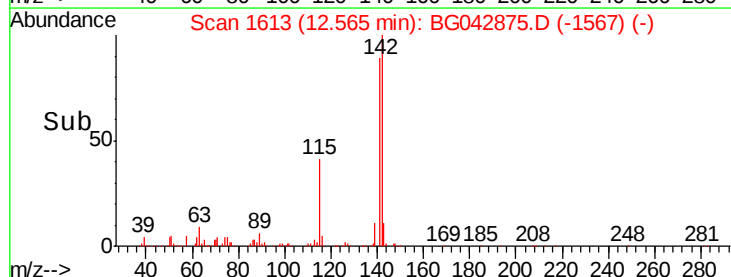
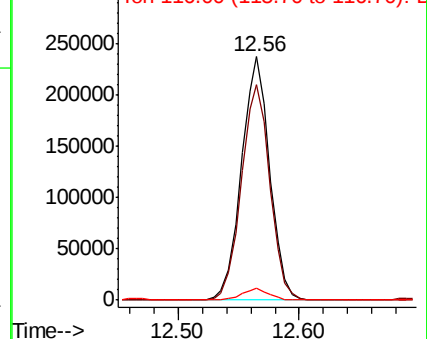


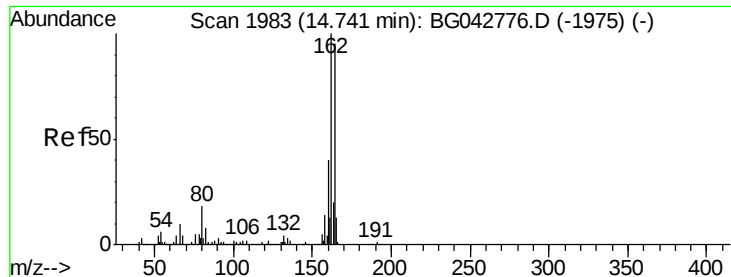
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

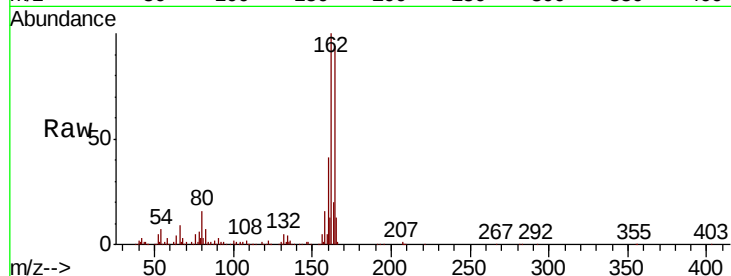
Tot Ion:164 Resp: 201274

Ion Ratio Lower Upper

164 100

162 106.6 84.6 126.8

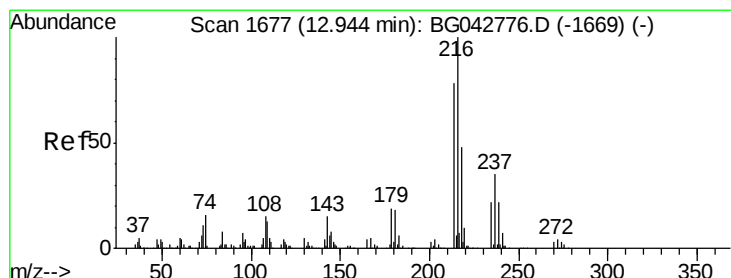
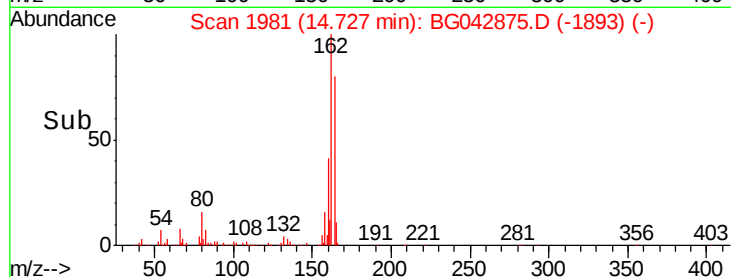
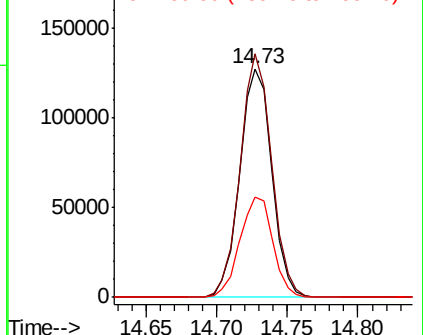
160 44.2 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.696 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:216 Resp: 264017

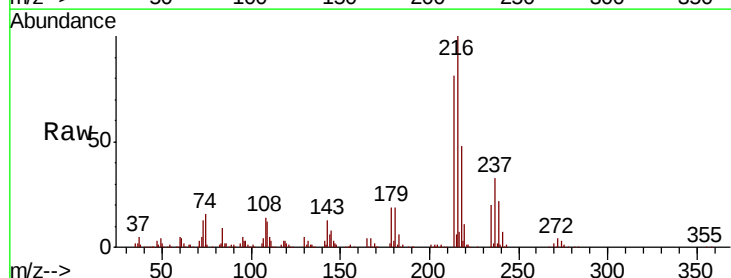
Ion Ratio Lower Upper

216 100

214 78.9 62.8 94.2

179 19.5 15.3 22.9

108 17.7 12.9 19.3

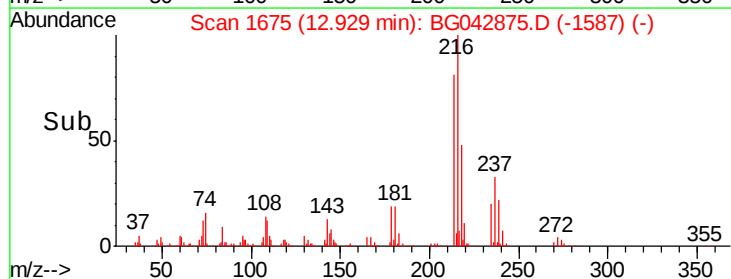
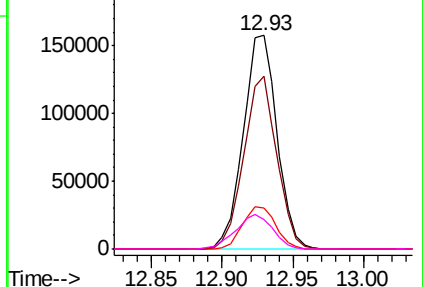


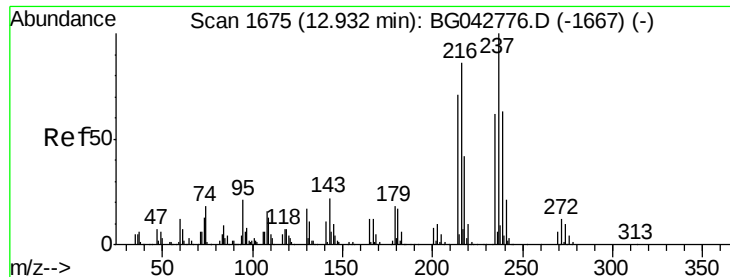
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 93.934 ng

RT: 12.91 min Scan# 1672

Delta R.T. -0.02 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

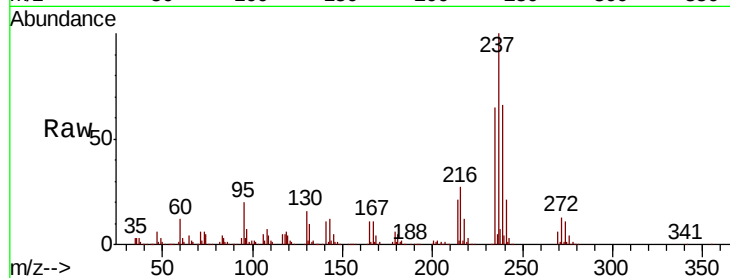
Tot Ion:237 Resp: 357907

Ion Ratio Lower Upper

237 100

235 64.5 41.9 81.9

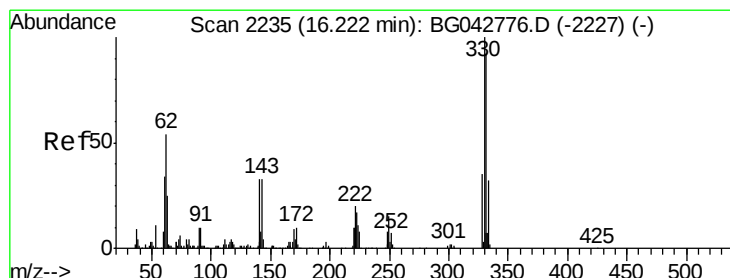
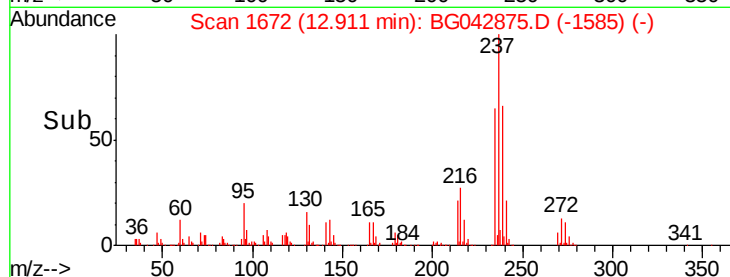
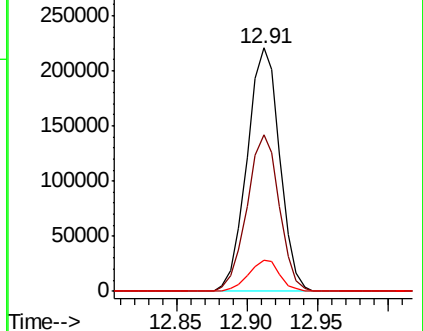
272 12.7 0.0 31.6



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



#42

2,4,6-Tribromophenol

Concen: 121.500 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

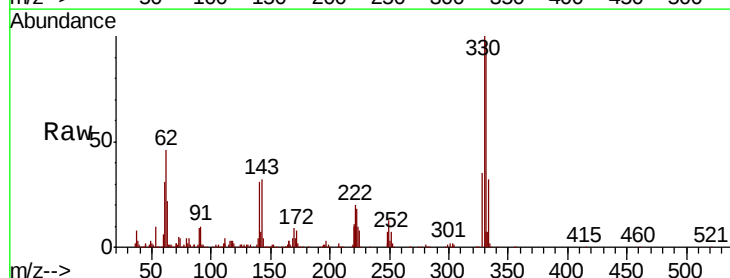
Tgt Ion:330 Resp: 325353

Ion Ratio Lower Upper

330 100

332 96.5 76.7 115.1

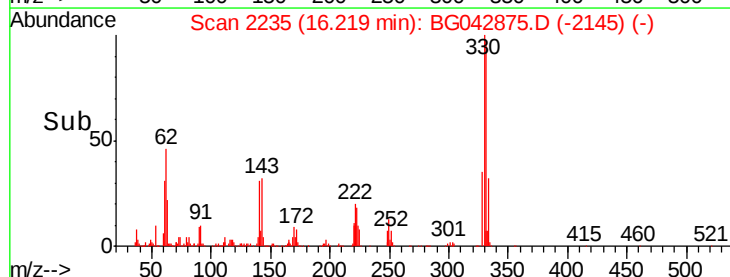
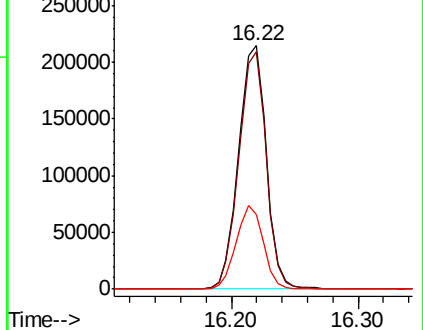
141 33.3 27.0 40.6

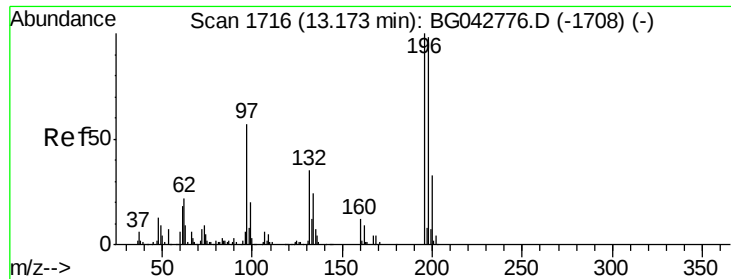


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

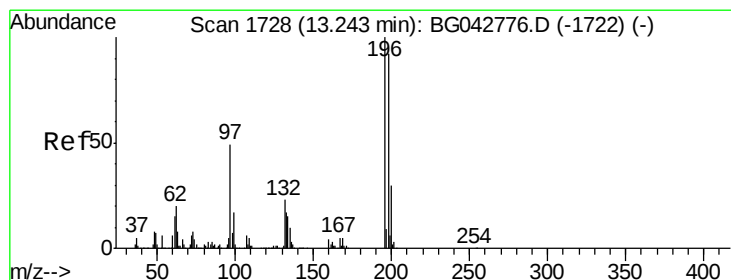
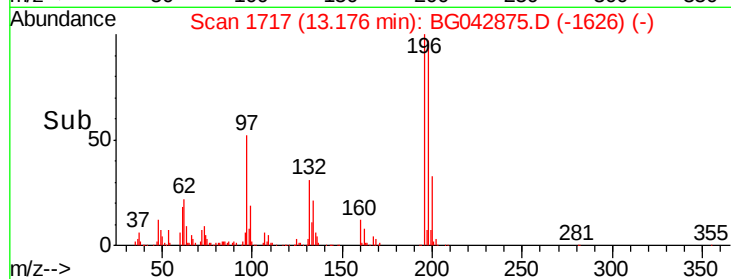
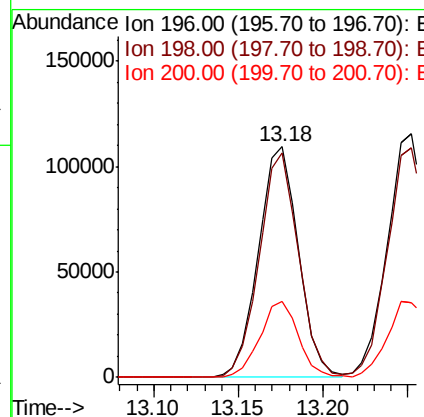
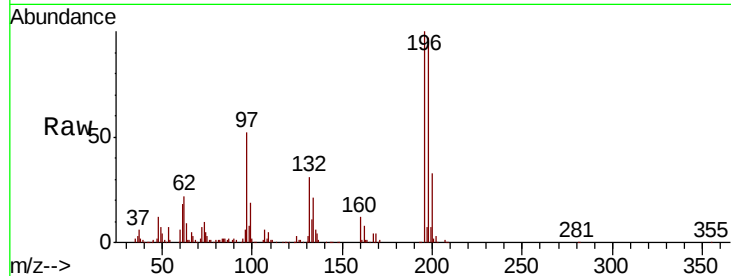




#43
 2,4,6-Trichlorophenol
 Concen: 40.731 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

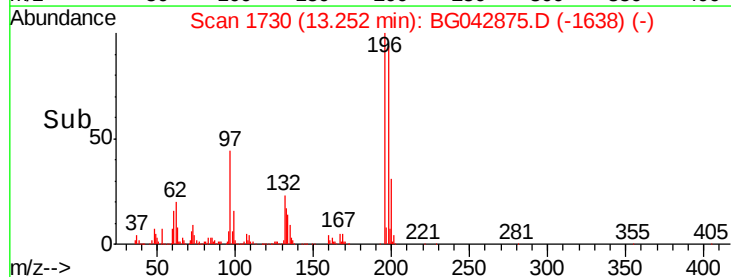
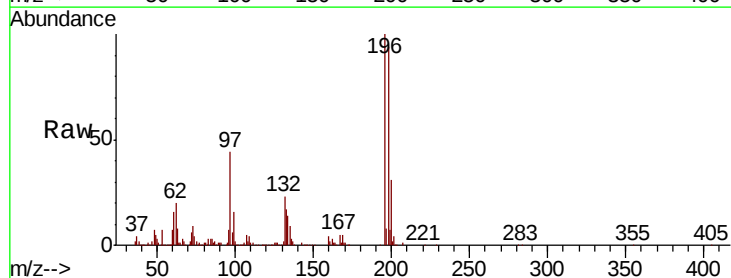
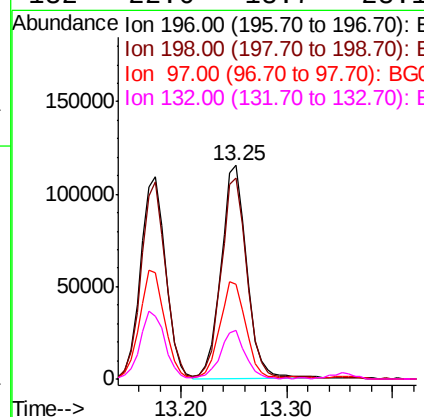
Instrument :
 BNA_G
 ClientSampled :

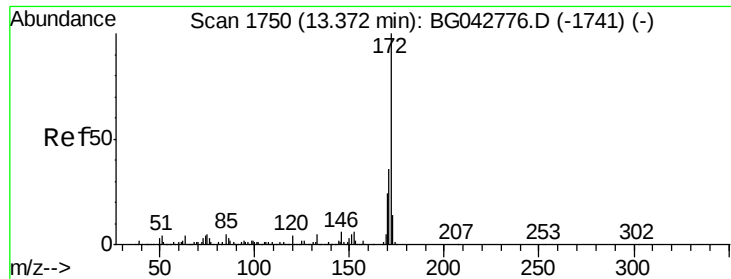
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.8	118.2
200	32.8	26.2	39.4



#44
 2,4,5-Trichlorophenol
 Concen: 43.394 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	73.4	110.0
97	44.2	39.2	58.8
132	22.6	18.7	28.1

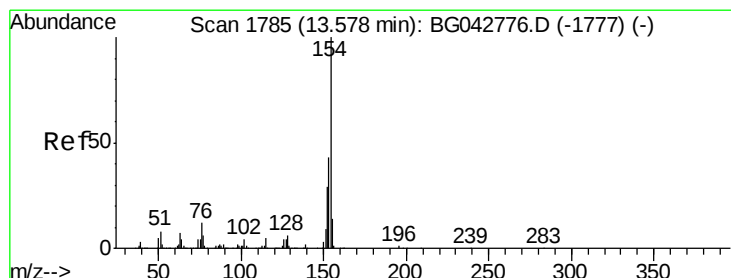
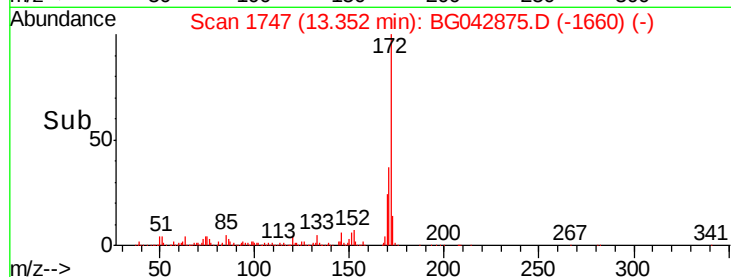
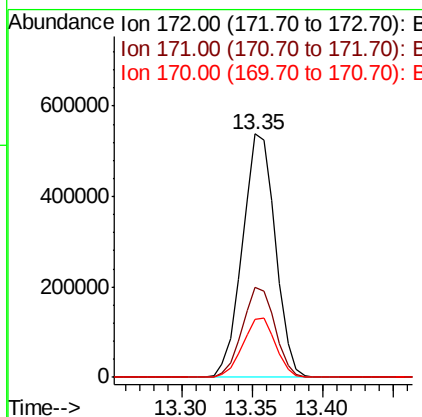
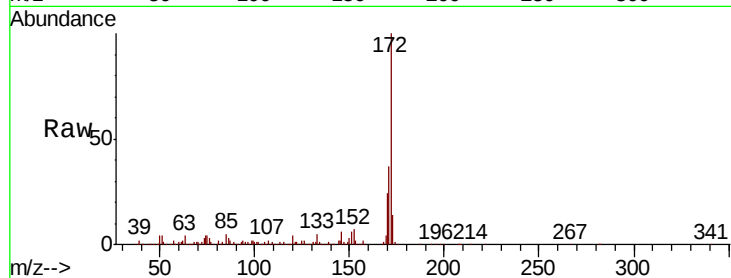




#45
2-Fluorobiphenyl
Concen: 69.222 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

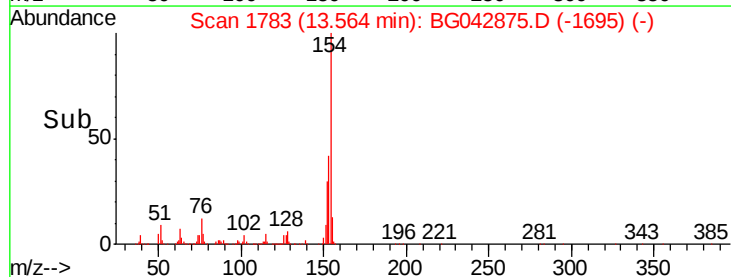
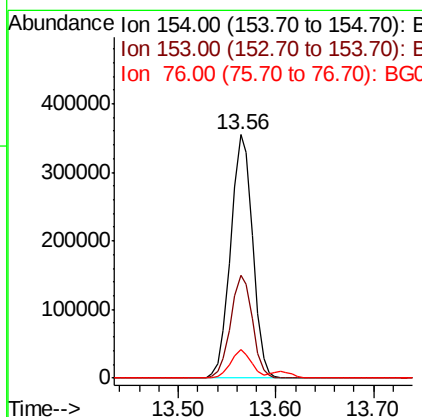
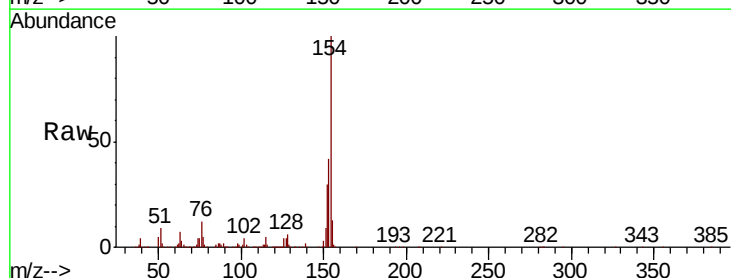
Instrument :
BNA_G
ClientSampleId :

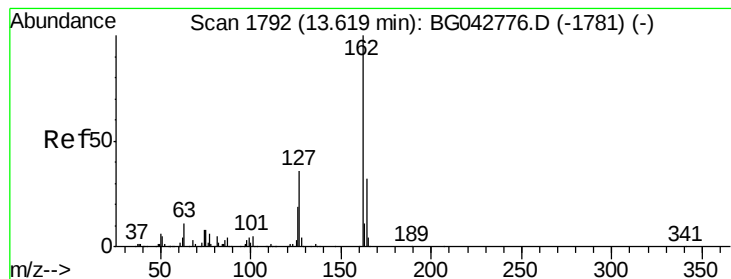
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.9	43.3
170	23.7	19.1	28.7



#46
1,1'-Biphenyl
Concen: 39.373 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.6	62.6
76	11.8	0.0	32.2





#47

2-Chloronaphthalene

Concen: 37.174 ng

RT: 13.60 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

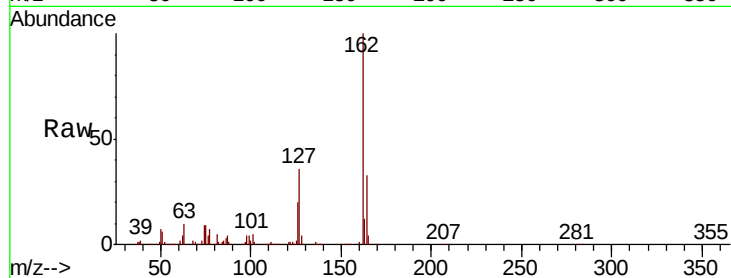
Tot Ion:162 Resp: 433300

Ion Ratio Lower Upper

162 100

127 36.4 29.3 43.9

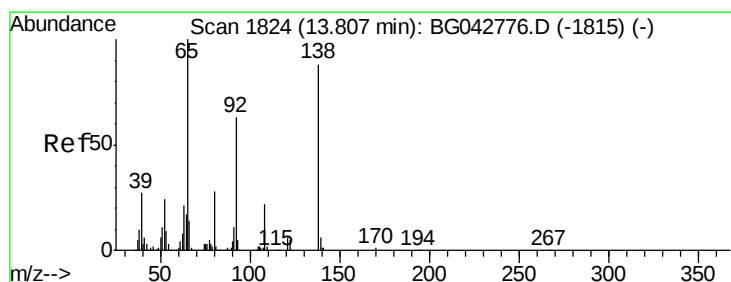
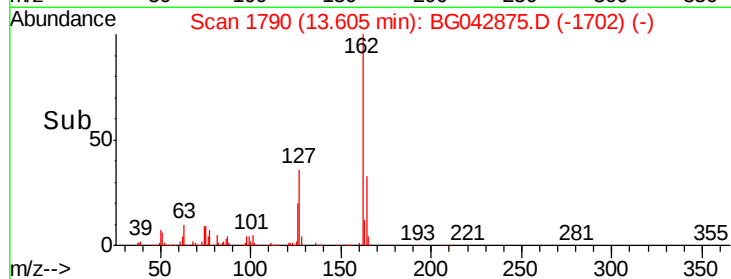
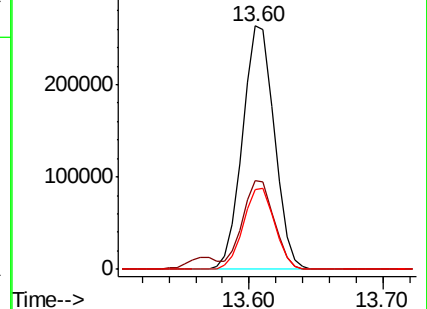
164 32.7 26.0 39.0



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



#48

2-Nitroaniline

Concen: 38.171 ng

RT: 13.82 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

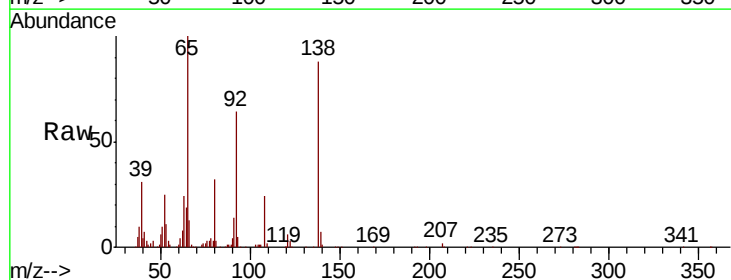
Tgt Ion: 65 Resp: 154343

Ion Ratio Lower Upper

65 100

92 63.8 50.4 75.6

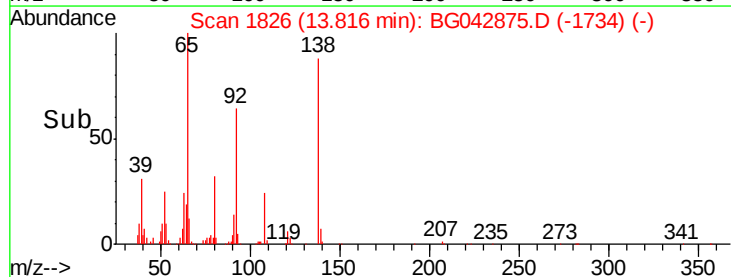
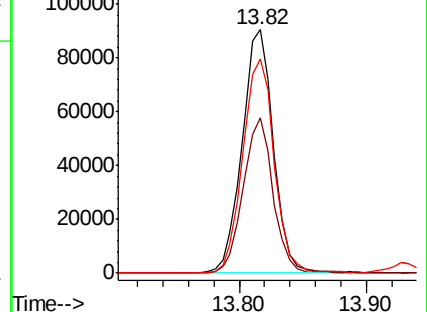
138 87.9 70.6 106.0

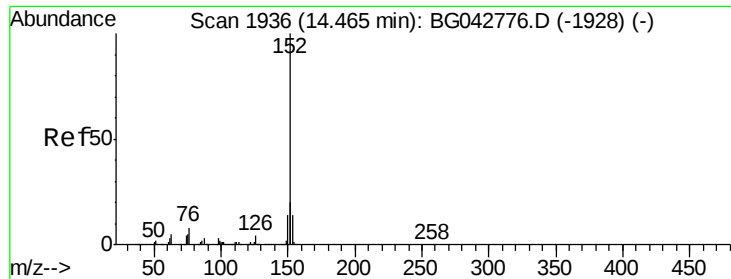


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.961 ng

RT: 14.45 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

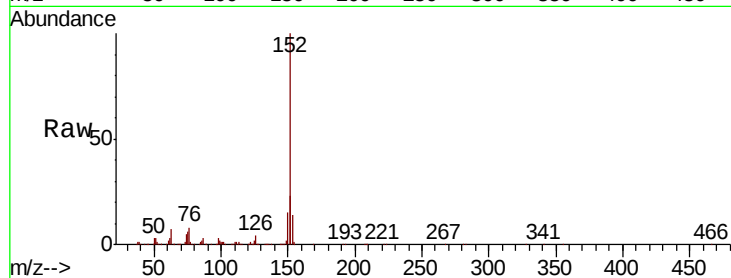
Tot Ion:152 Resp: 711790

Ion Ratio Lower Upper

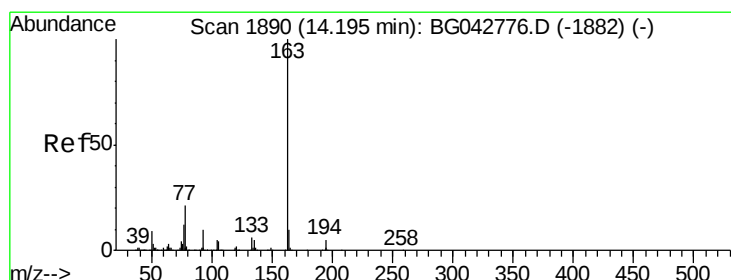
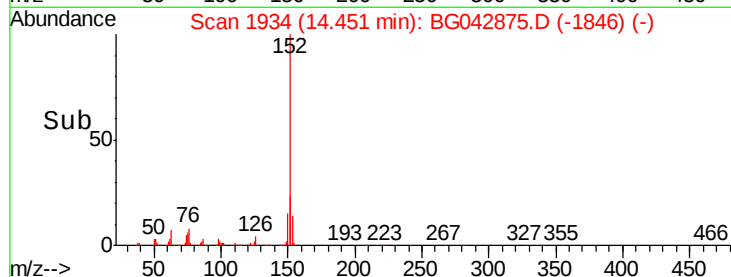
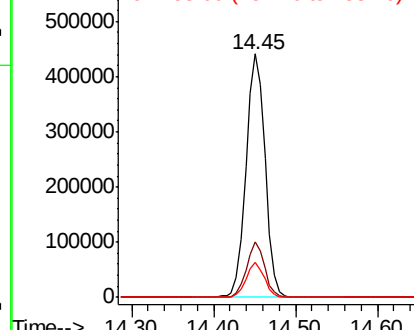
152 100

151 22.7 16.0 24.0

153 14.3 11.4 17.0



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



#50

Dimethylphthalate

Concen: 47.047 ng

RT: 14.20 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

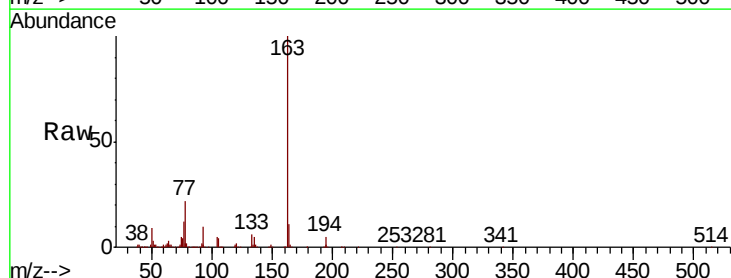
Tgt Ion:163 Resp: 709364

Ion Ratio Lower Upper

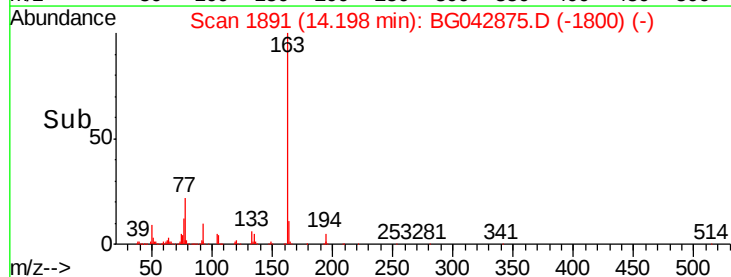
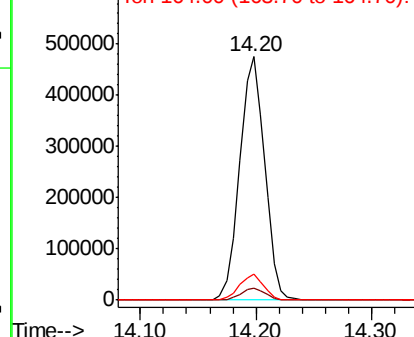
163 100

194 5.1 4.2 6.4

164 10.7 8.4 12.6



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





#51

2,6-Dinitrotoluene

Concen: 43.088 ng

RT: 14.30 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

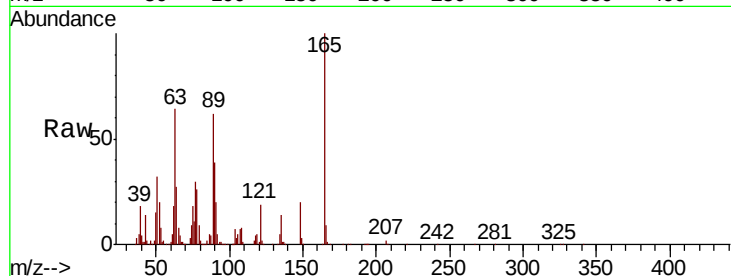
Tot Ion:165 Resp: 133308

Ion Ratio Lower Upper

165 100

63 64.0 52.1 78.1

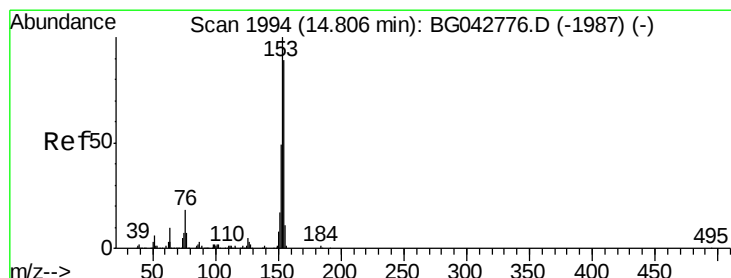
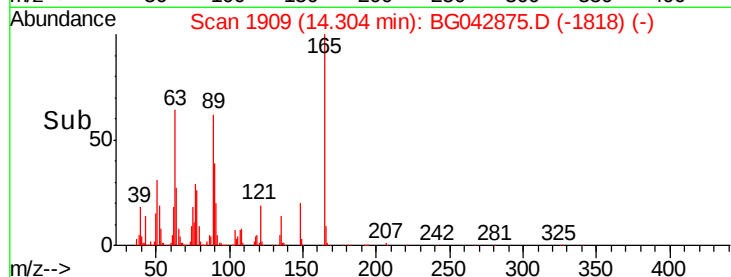
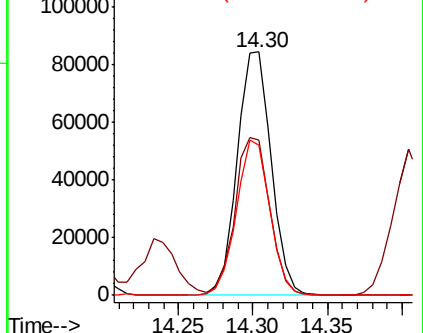
89 61.9 51.7 77.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 36.328 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

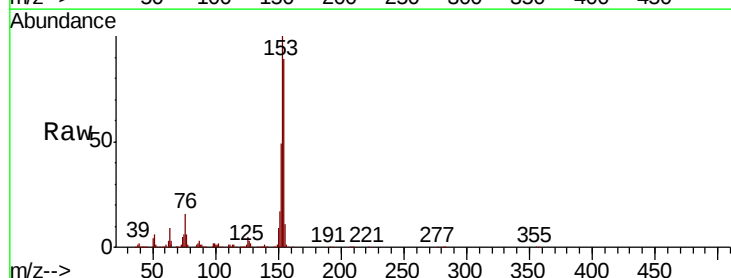
Tgt Ion:154 Resp: 422741

Ion Ratio Lower Upper

154 100

153 112.3 89.4 134.2

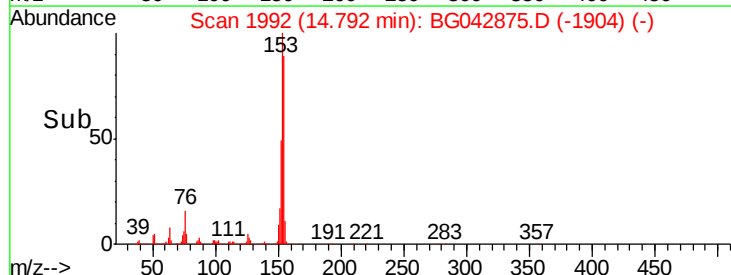
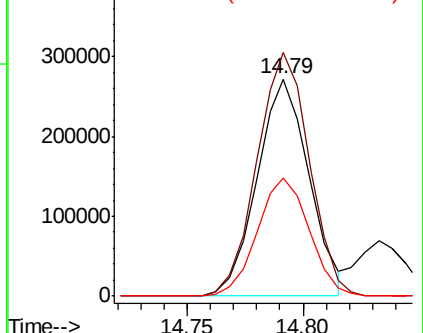
152 54.8 43.5 65.3

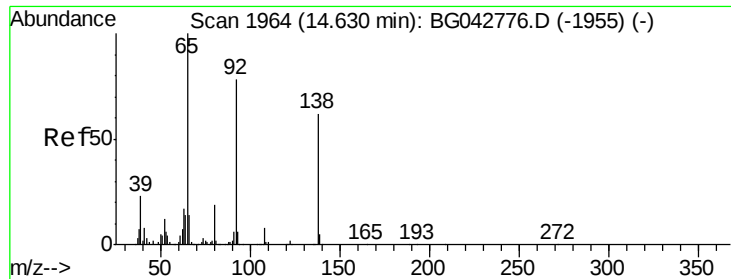


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

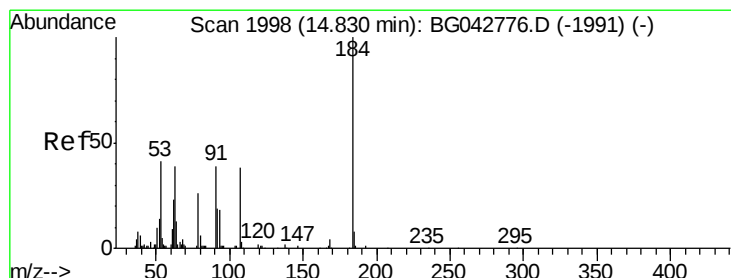
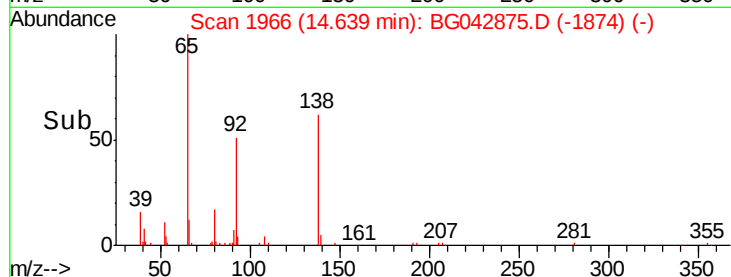
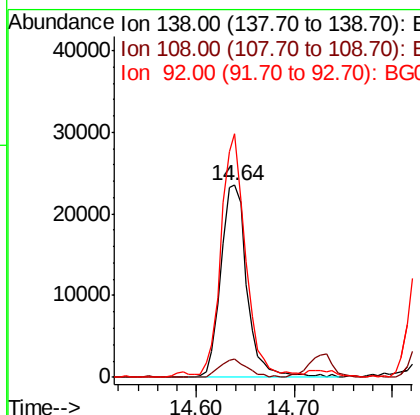
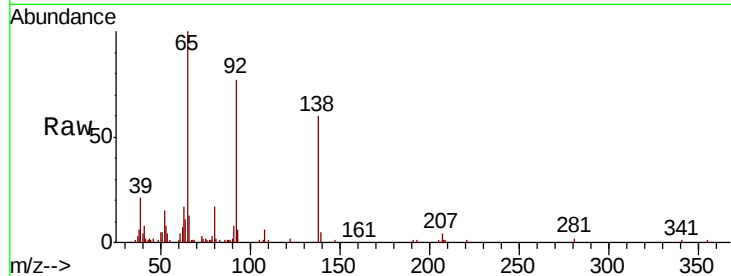




#53
3-Nitroaniline
Concen: 12.586 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

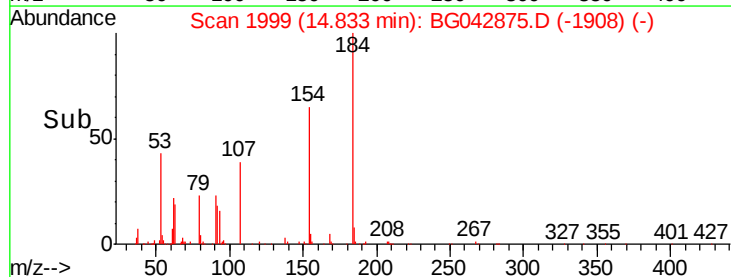
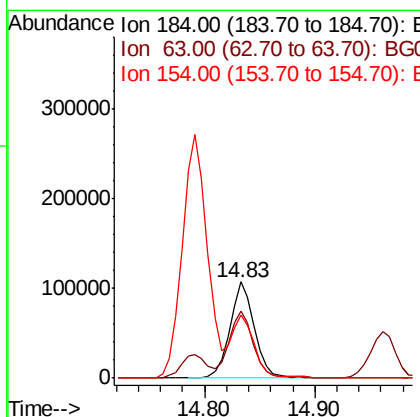
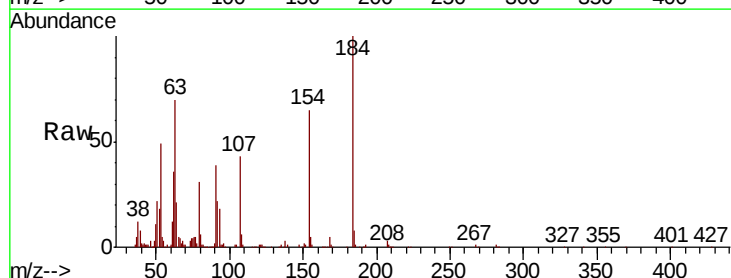
Instrument :
BNA_G
ClientSampleId :

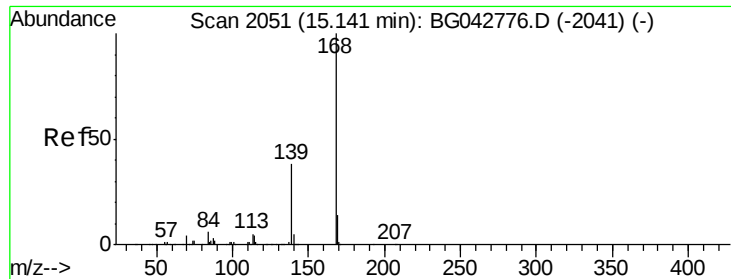
Tot Ion:138 Resp: 43701
Ion Ratio Lower Upper
138 100
108 9.7 10.7 16.1#
92 126.8 100.5 150.7



#54
2,4-Dinitrophenol
Concen: 110.351 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion:184 Resp: 168071
Ion Ratio Lower Upper
184 100
63 70.1 46.2 69.4#
154 65.1 81.3 121.9#

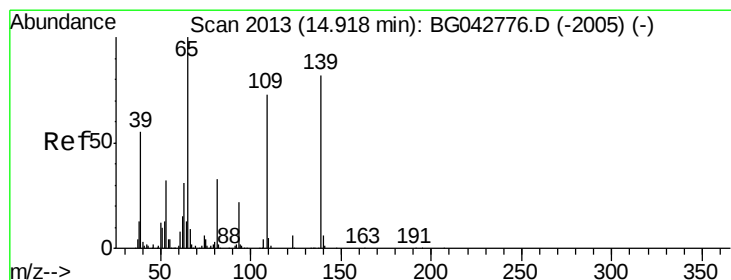
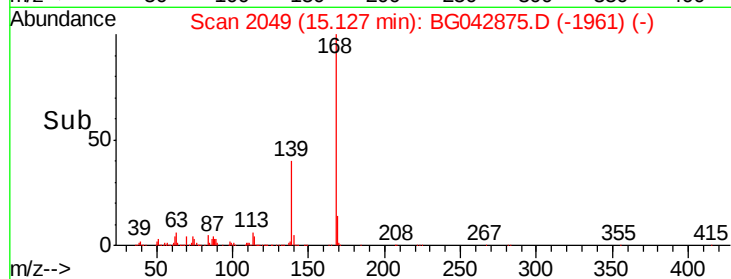
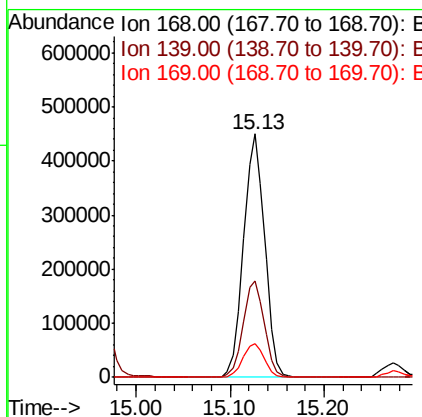
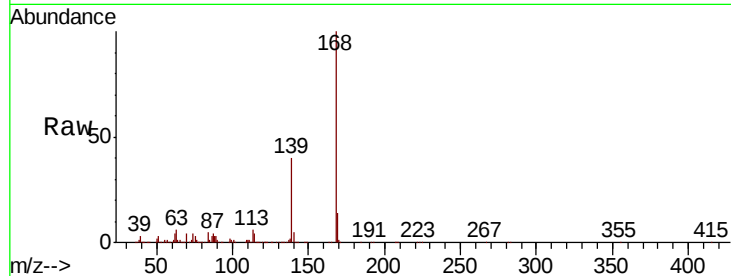




#55
Dibenzenofuran
Concen: 40.336 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

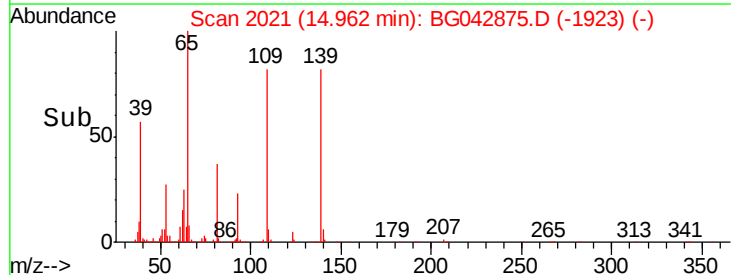
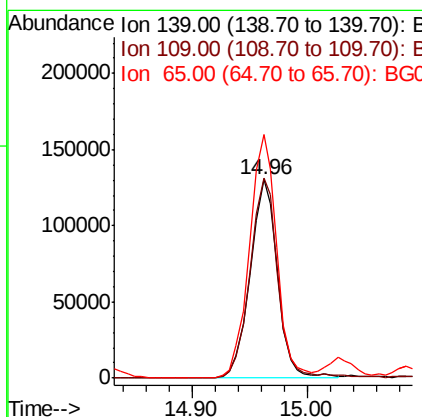
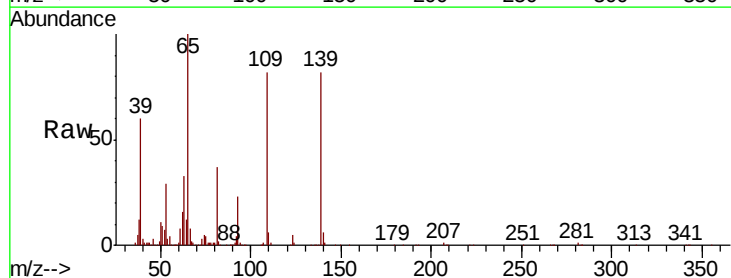
Instrument :
BNA_G
ClientSampleId :

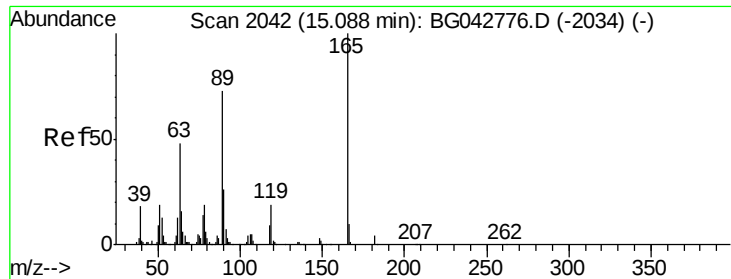
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.2	45.4
169	13.7	11.2	16.8



#56
4-Nitrophenol
Concen: 80.248 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.04 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.5	69.4	109.4
65	122.6	102.5	142.5





#57

2,4-Dinitrotoluene

Concen: 45.739 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 188622

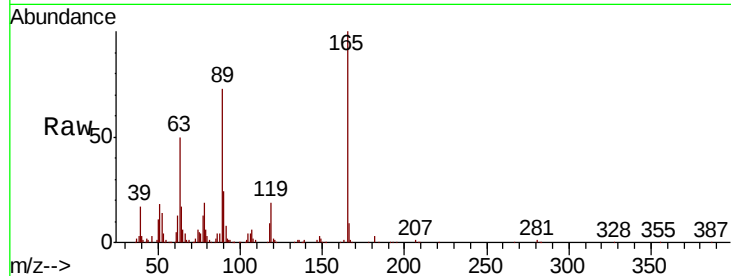
Ion Ratio Lower Upper

165 100

63 50.4 38.3 57.5

89 73.1 58.4 87.6

182 3.5 2.9 4.3

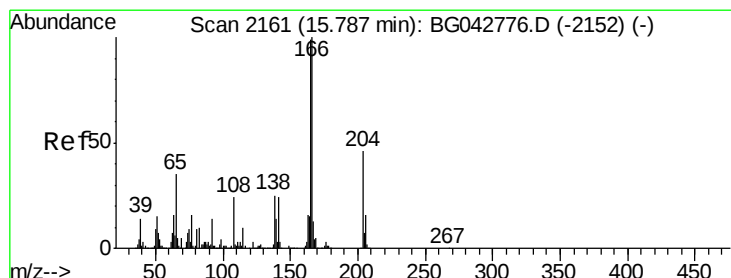
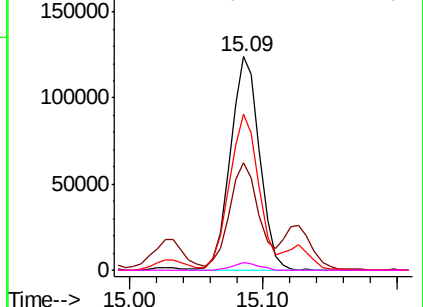
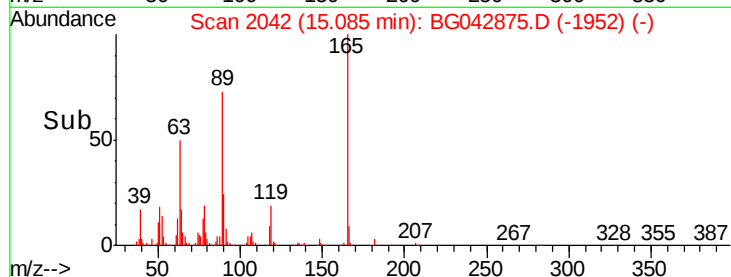


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.242 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

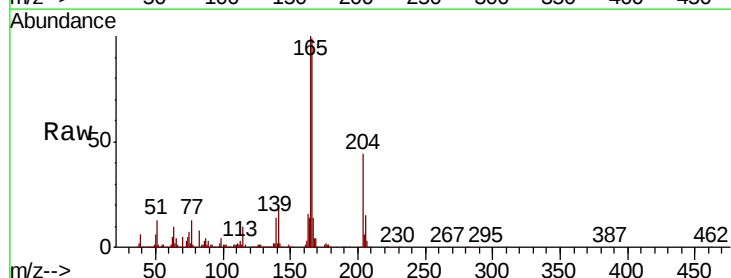
Tgt Ion:166 Resp: 591201

Ion Ratio Lower Upper

166 100

165 100.7 79.1 118.7

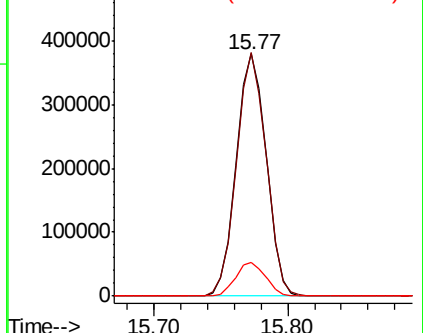
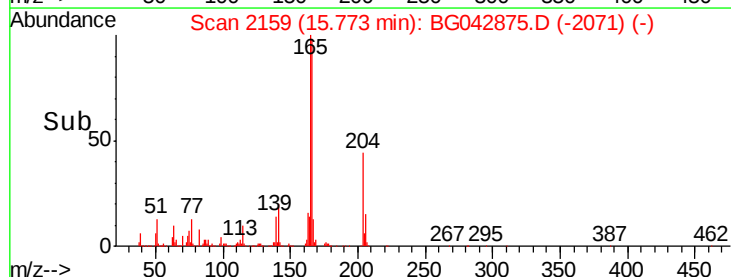
167 14.1 10.7 16.1

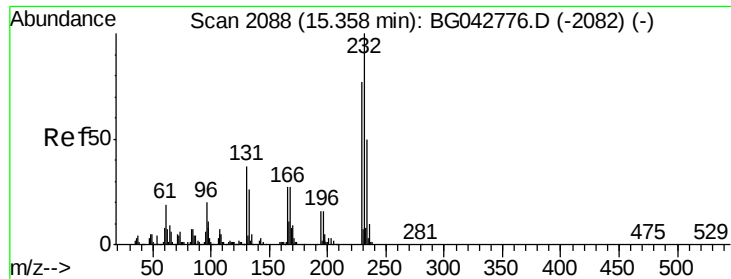


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

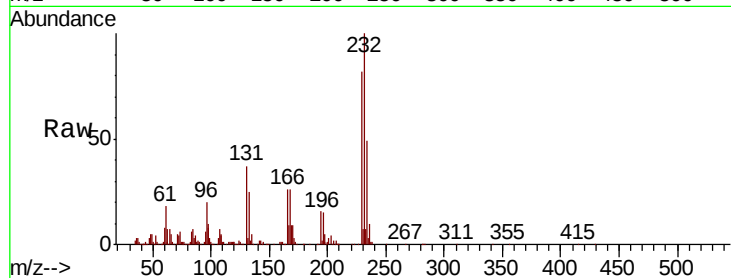




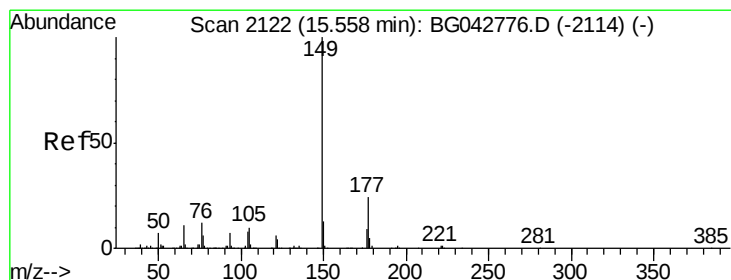
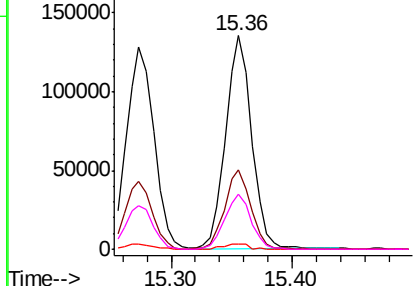
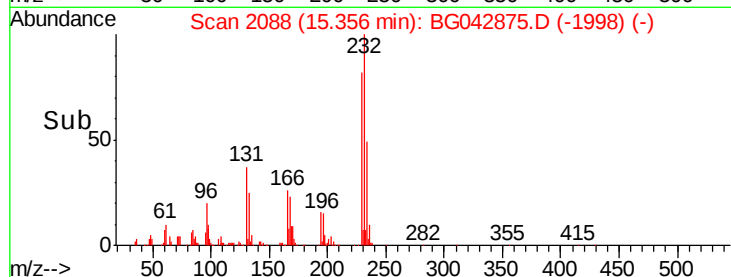
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.971 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	202116
Ion Ratio	Lower	Upper
232	100	
131	37.8	31.1 46.7
130	2.6	1.8 2.6
166	26.2	21.7 32.5

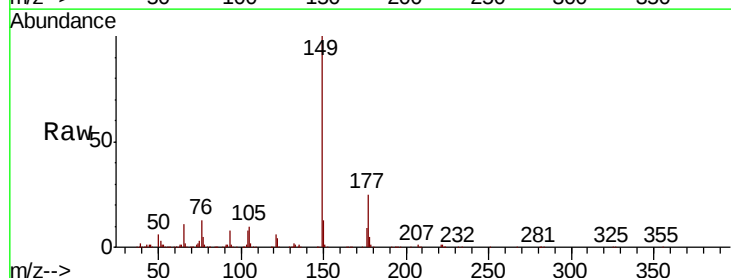


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

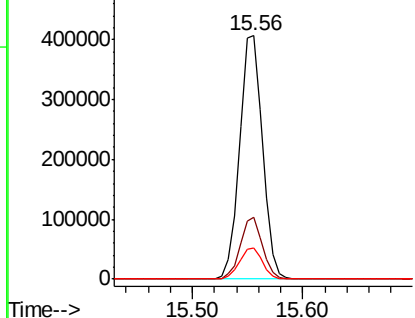
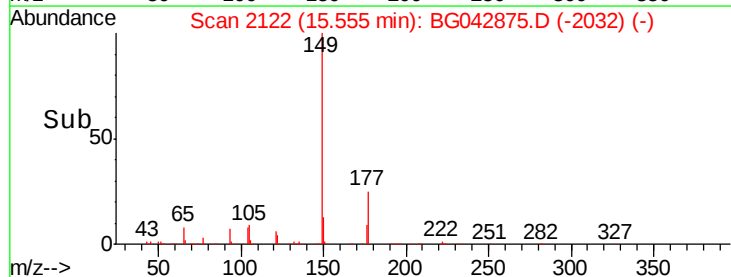


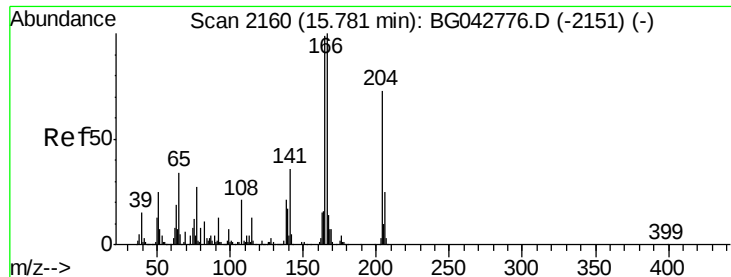
#60
 Diethylphthalate
 Concen: 38.863 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion:149	Resp:	594812
Ion Ratio	Lower	Upper
149	100	
177	25.4	19.4 29.0
150	12.7	10.2 15.4



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

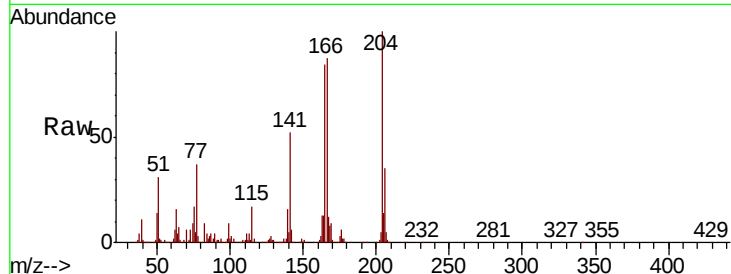




#61
 4-Chlorophenyl-phenylether
 Concen: 41.365 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	27.6	41.4
141	52.0	39.8	59.6

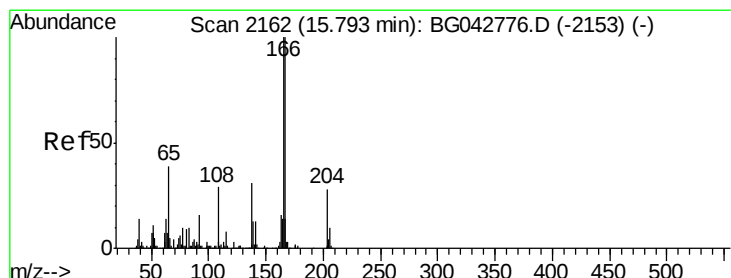
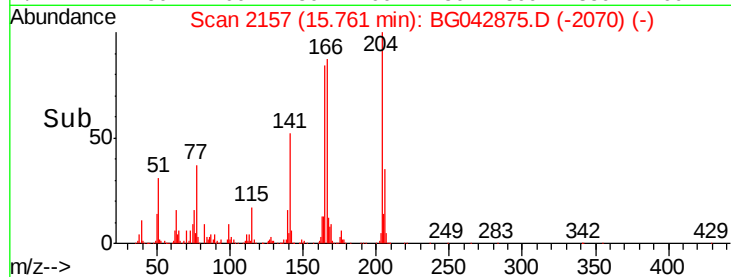
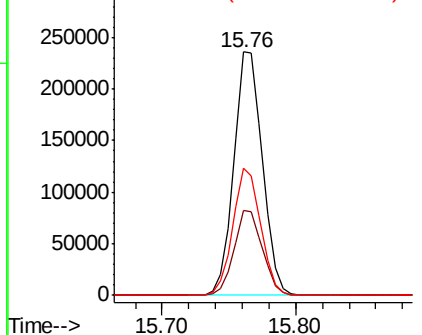


Abundance

Ion 204.00 (203.70 to 204.70): E

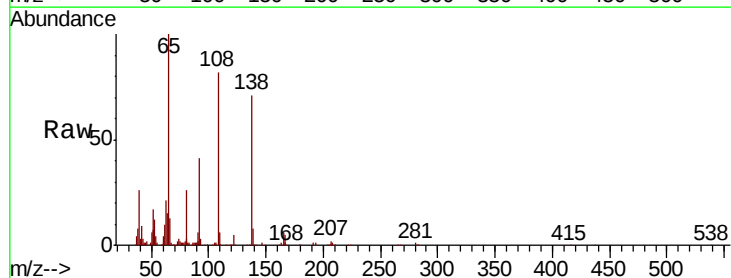
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 36.746 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. 0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.6	31.4	71.4
108	114.6	74.8	114.8

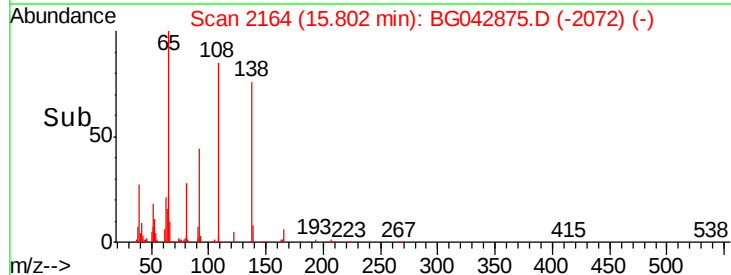
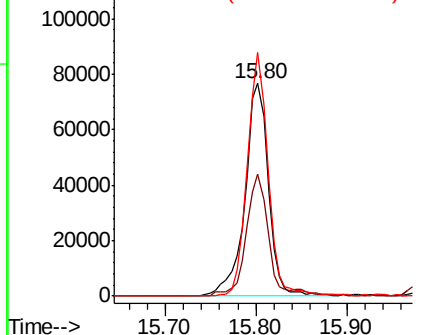


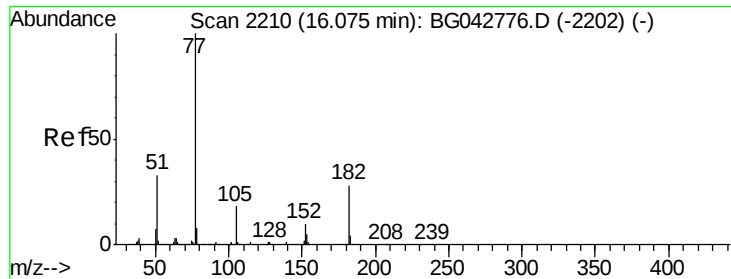
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

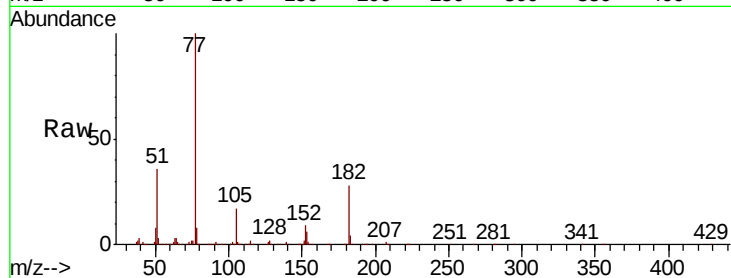




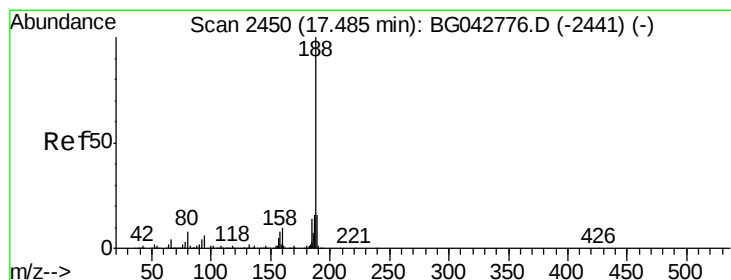
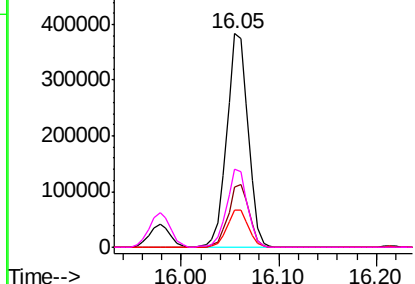
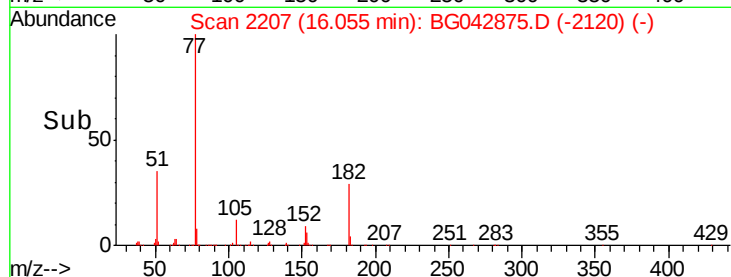
#63
Azobenzene
Concen: 39.210 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 577892
Ion Ratio Lower Upper
77 100
182 27.9 8.1 48.1
105 17.4 0.0 38.1
51 36.3 12.9 52.9

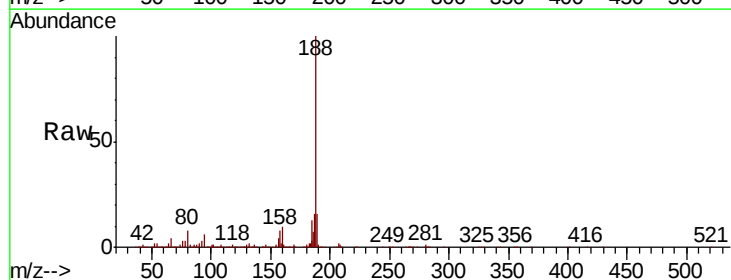


Abundance Ion 77.00 (76.70 to 77.70): BGC
600000
Ion 182.00 (181.70 to 182.70): BGC
500000
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

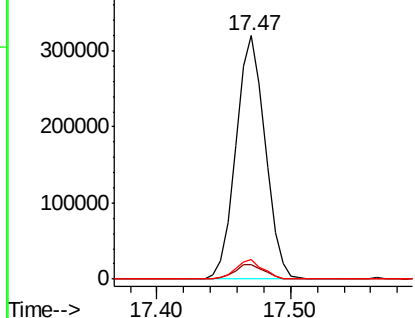
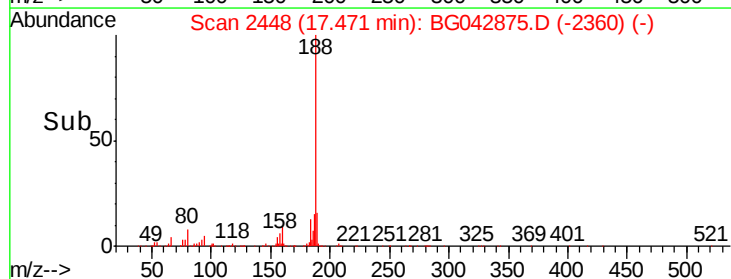


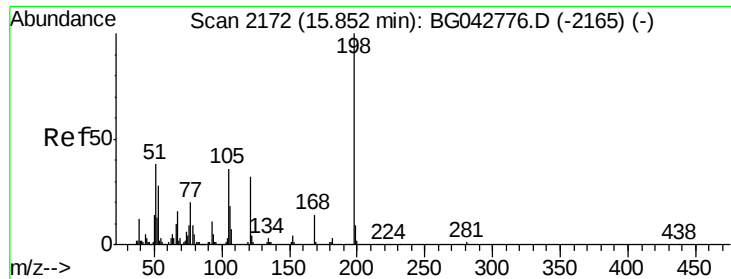
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion: 188 Resp: 486228
Ion Ratio Lower Upper
188 100
94 6.0 4.8 7.2
80 8.1 6.6 9.8



Abundance Ion 188.00 (187.70 to 188.70): BGC
400000
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

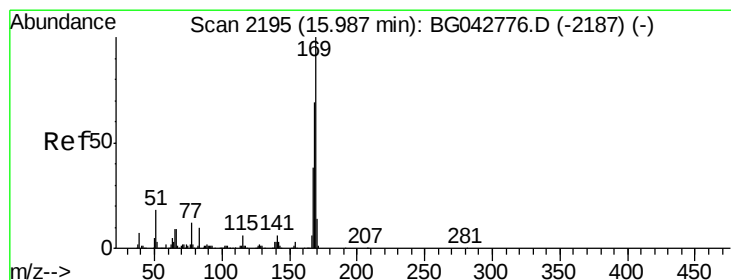
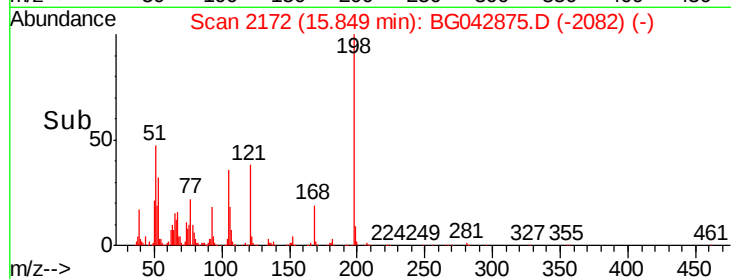
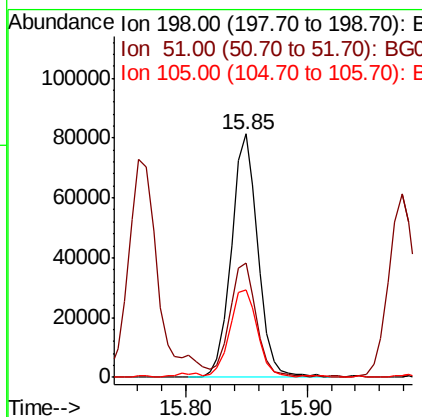
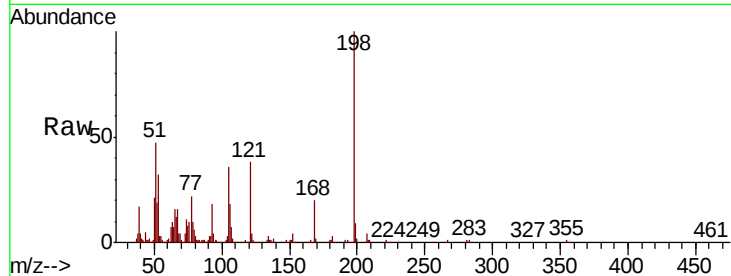




#65
 4,6-Dinitro-2-methylphenol
 Concen: 59.708 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

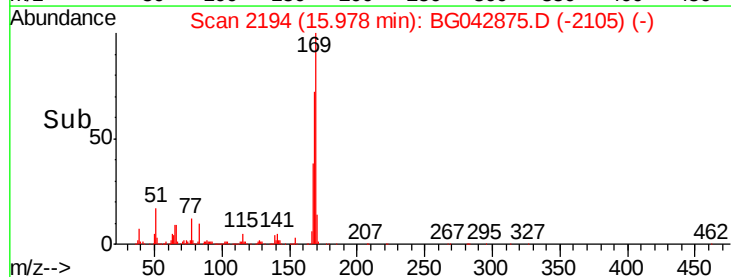
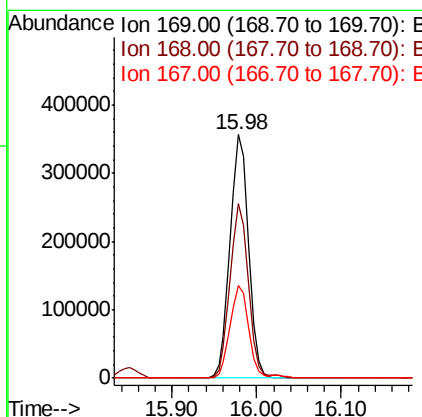
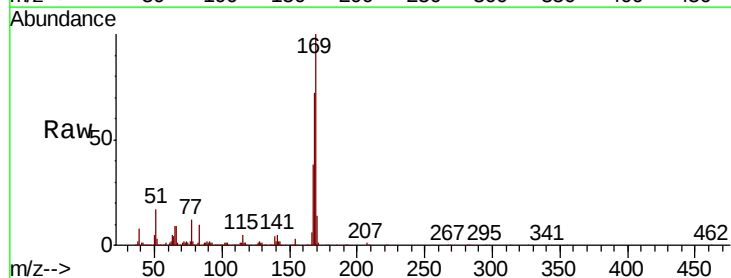
Instrument :
 BNA_G
 ClientSampled :

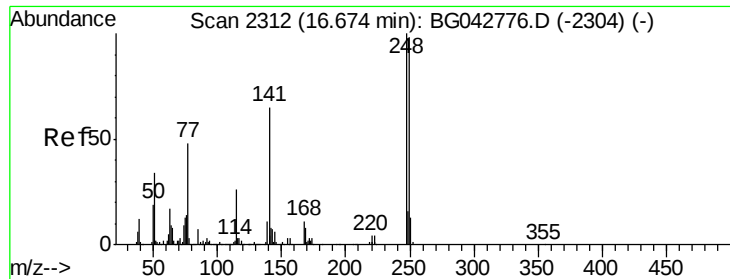
Tot Ion	Ratio	Lower	Upper
198	100		
51	46.7	20.9	60.9
105	36.0	16.4	56.4



#66
 n-Nitrosodiphenylamine
 Concen: 40.695 ng
 RT: 15.98 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.6	55.4	83.2
167	38.3	30.4	45.6

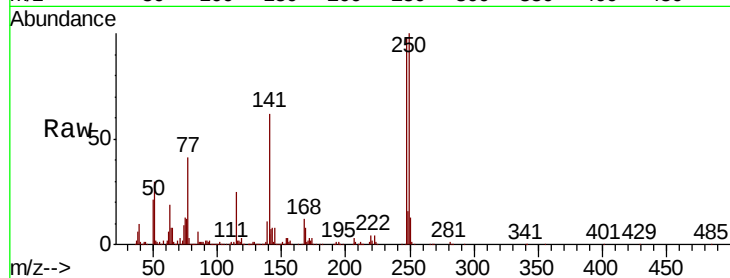




#67
4-Bromophenyl-phenylether
Concen: 40.052 ng
RT: 16.66 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.6	78.0	117.0
141	63.3	51.8	77.6

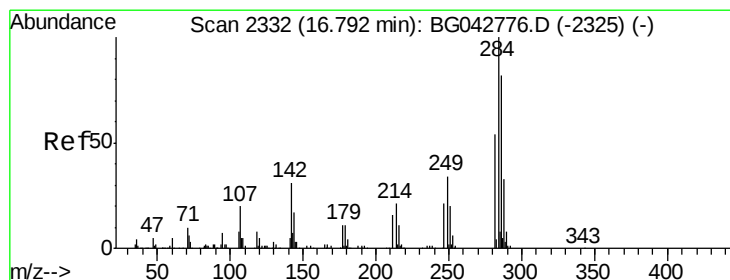
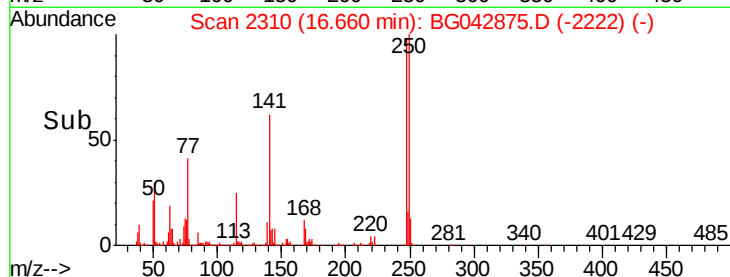
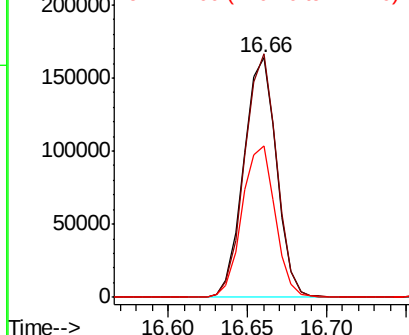


Abundance

Ion 248.00 (247.70 to 248.70): E

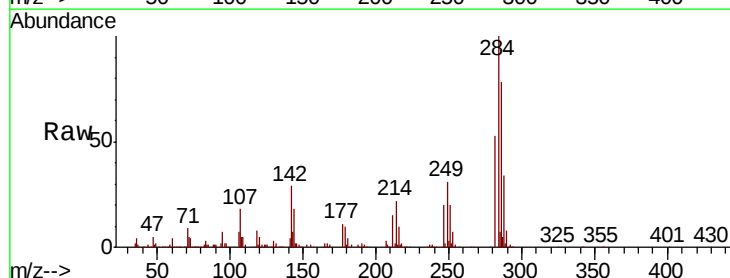
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.308 ng
RT: 16.78 min Scan# 2330
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	24.7	37.1
249	31.4	27.0	40.4

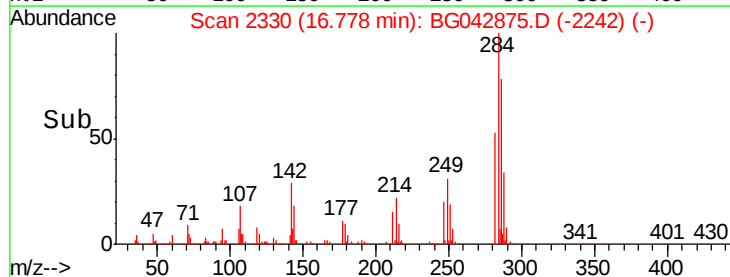
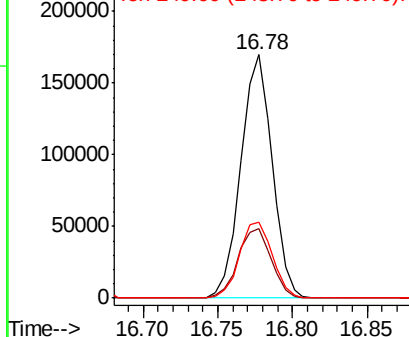


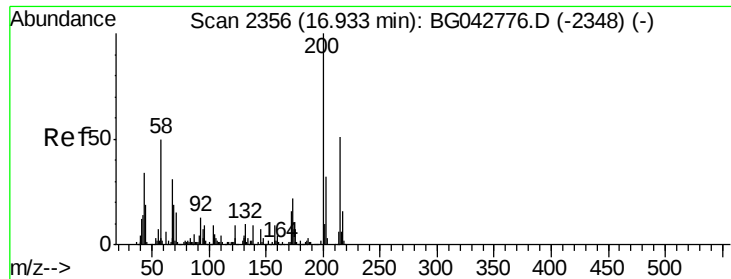
Abundance

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





#69

Atrazine

Concen: 45.701 ng

RT: 16.94 min Scan# 2358

Delta R.T. 0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

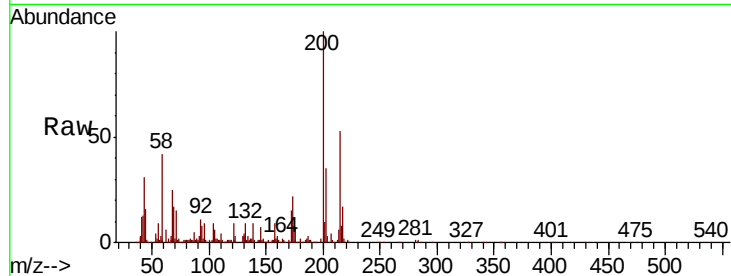
Tot Ion:200 Resp: 208227

Ion Ratio Lower Upper

200 100

173 21.8 2.5 42.5

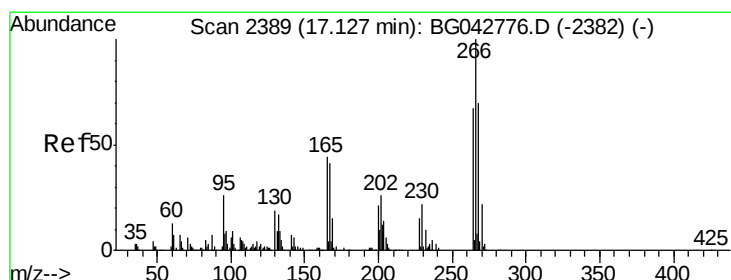
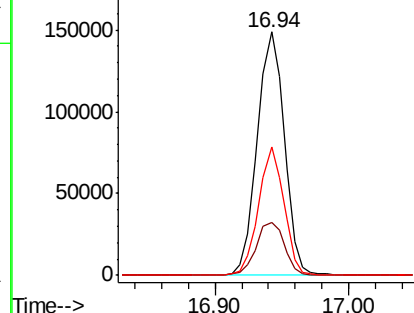
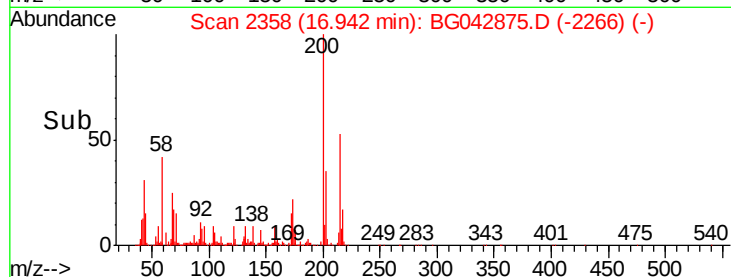
215 52.8 31.0 71.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 88.761 ng

RT: 17.12 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

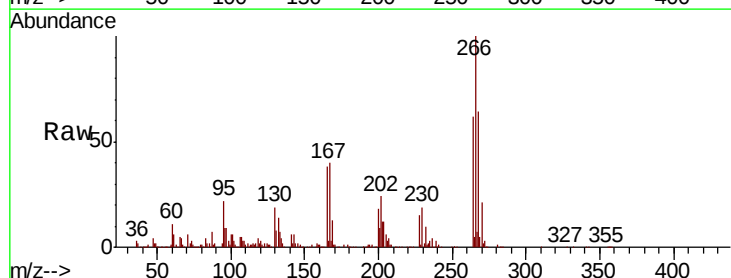
Tgt Ion:266 Resp: 331122

Ion Ratio Lower Upper

266 100

268 64.0 56.2 84.4

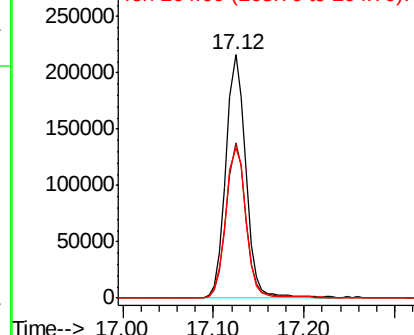
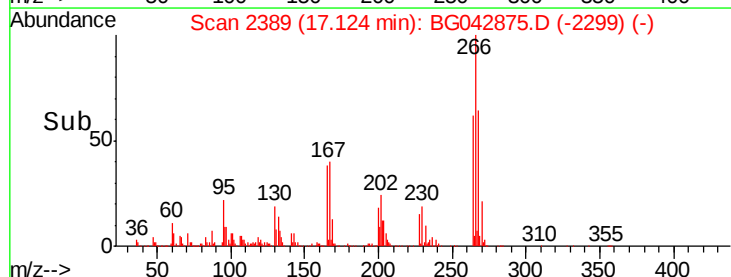
264 61.8 53.4 80.2

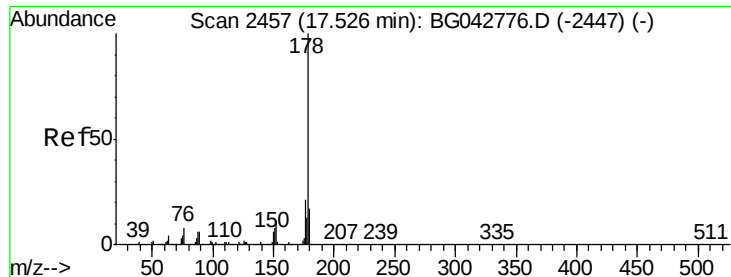


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.116 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

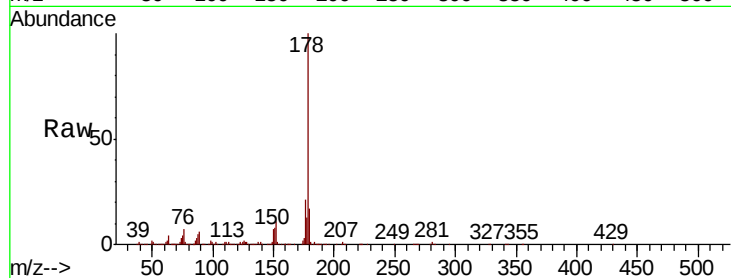
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 956070

Ion	Ratio	Lower	Upper
178	100		
176	21.2	17.0	25.4
179	17.3	13.6	20.4

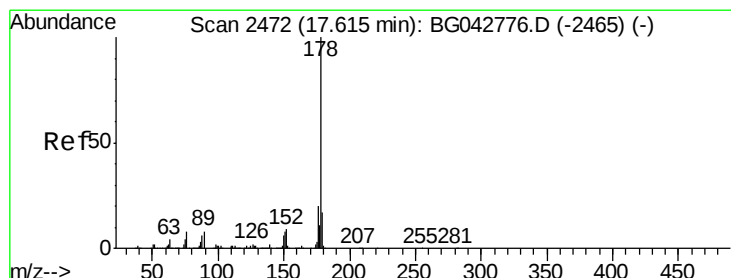
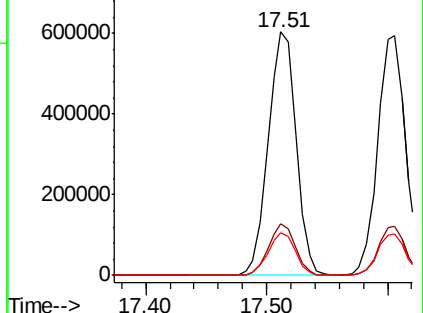
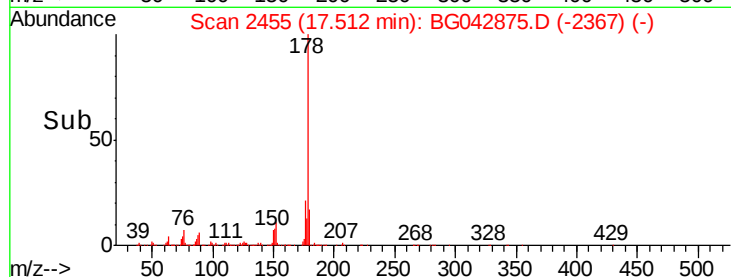


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.227 ng

RT: 17.61 min Scan# 2471

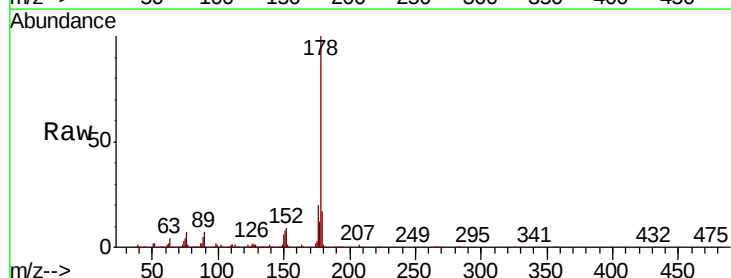
Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:178 Resp: 957748

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	17.1	13.6	20.4

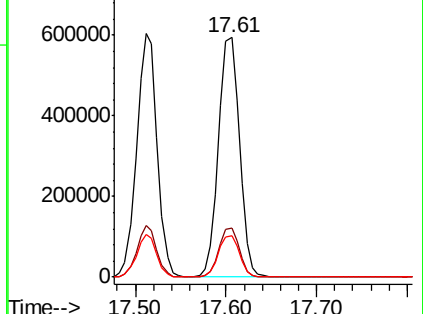
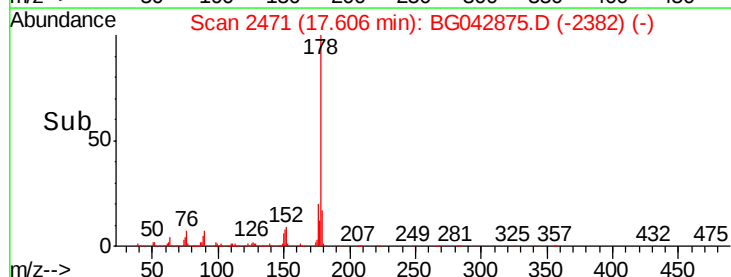


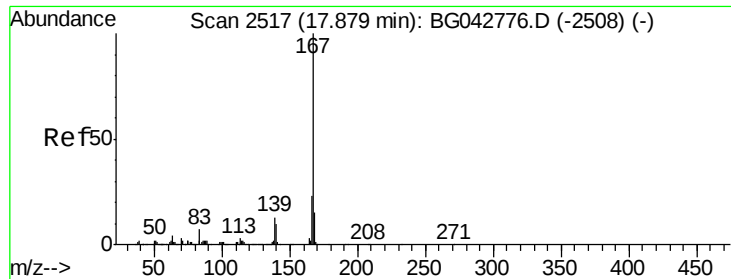
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

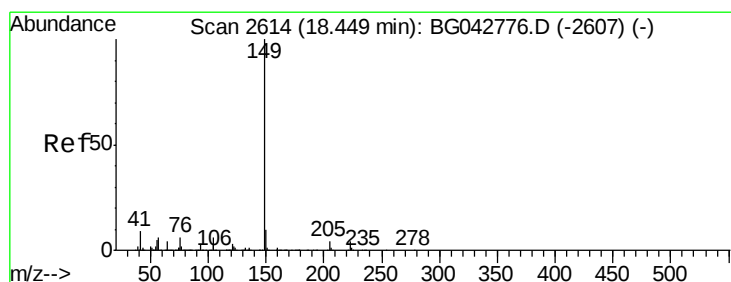
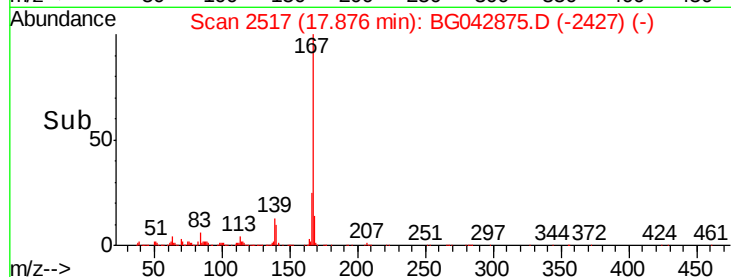
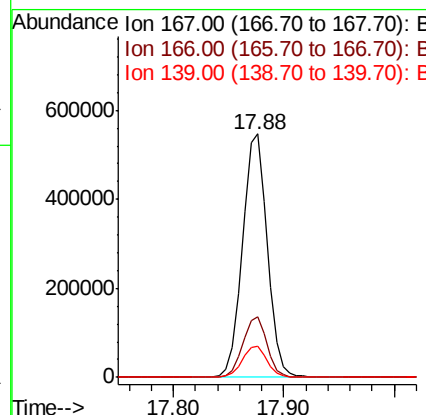
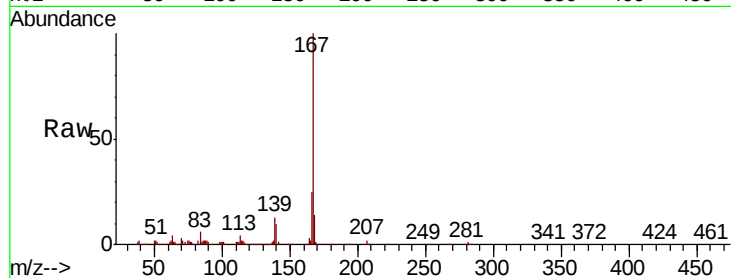




#73
 Carbazole
 Concen: 39.088 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

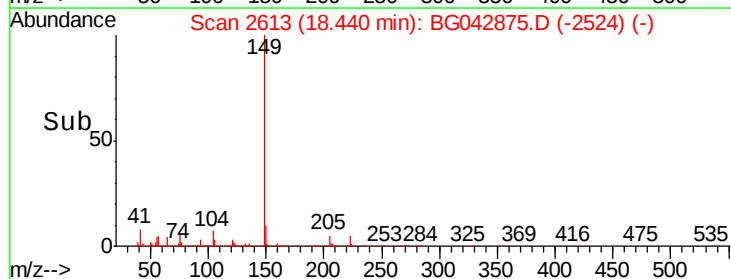
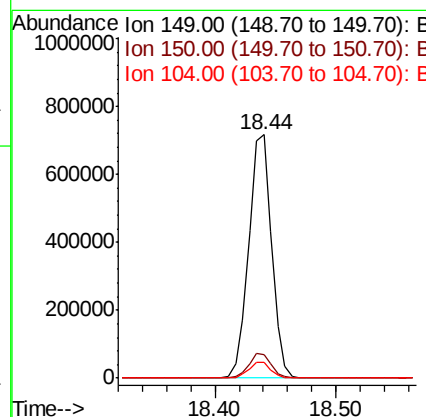
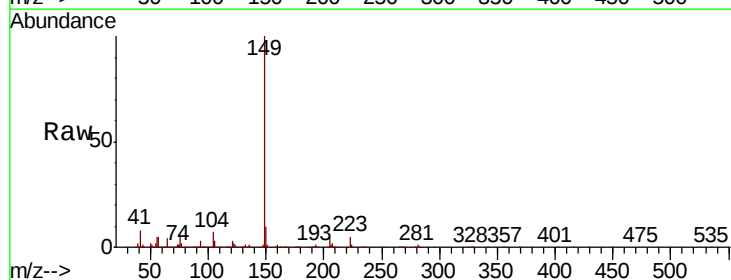
Instrument :
 BNA_G
 ClientSampleId :

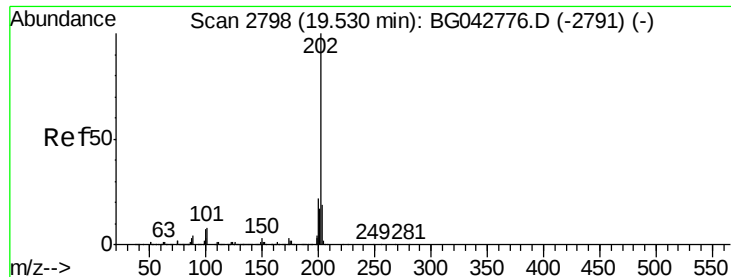
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.8	18.3	27.5
139	12.8	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 36.031 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	6.7	5.1	7.7





#75

Fluoranthene

Concen: 38.164 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampled :

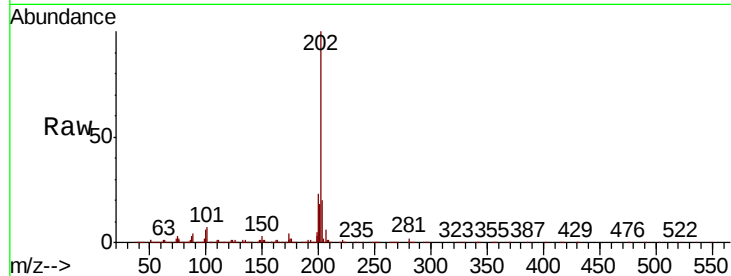
Tot Ion:202 Resp: 1150150

Ion Ratio Lower Upper

202 100

101 6.8 0.0 27.8

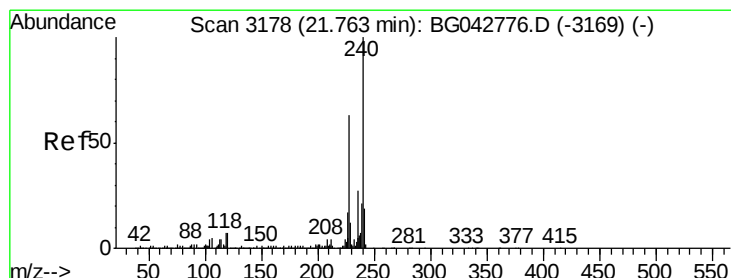
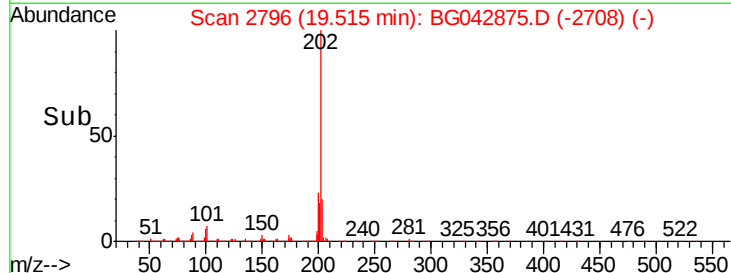
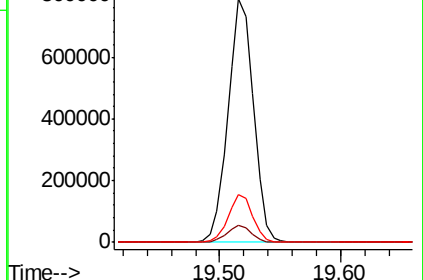
203 19.5 0.0 39.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

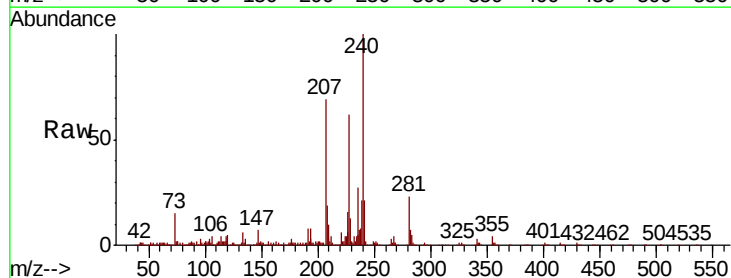
Tgt Ion:240 Resp: 380469

Ion Ratio Lower Upper

240 100

120 4.9 5.4 8.2#

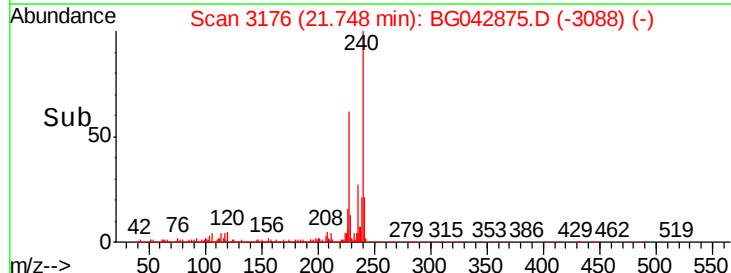
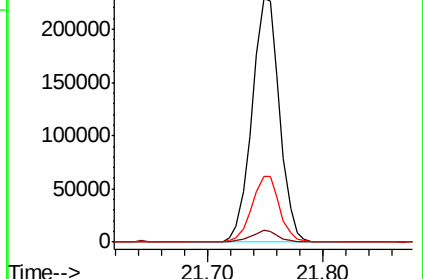
236 26.9 21.7 32.5

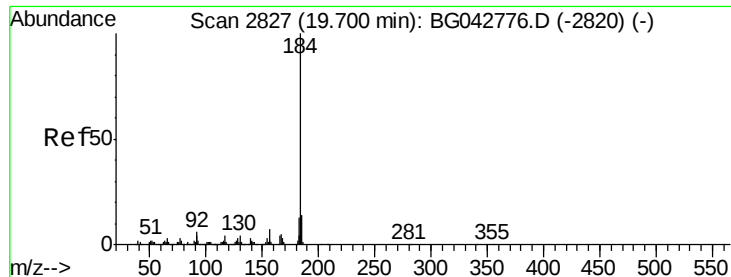


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.184 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

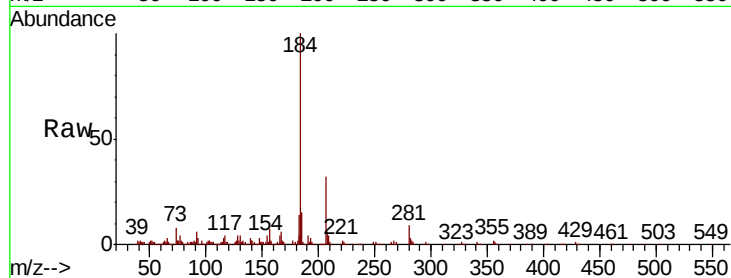
Tot Ion:184 Resp: 278327

Ion Ratio Lower Upper

184 100

185 15.4 11.6 17.4

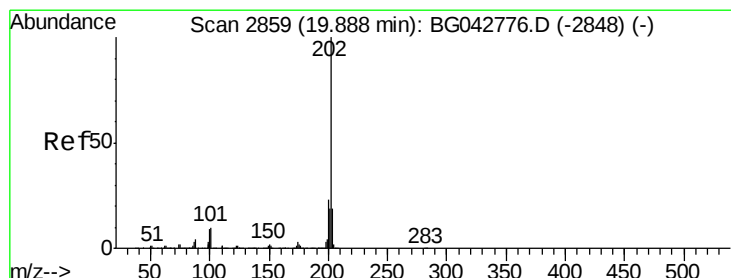
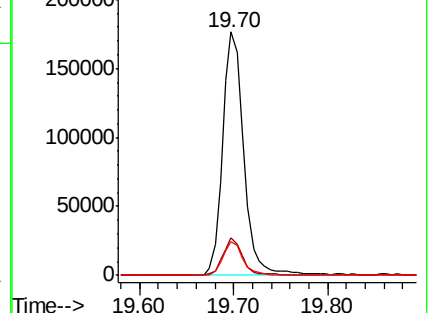
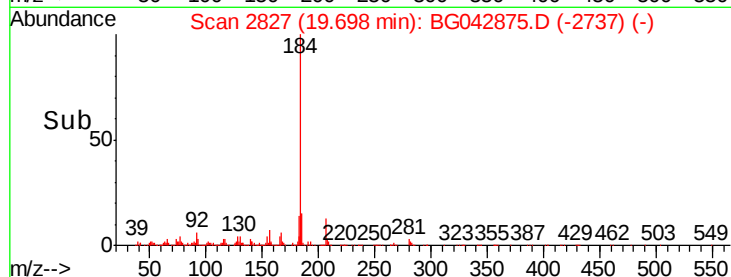
183 13.9 10.4 15.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.002 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

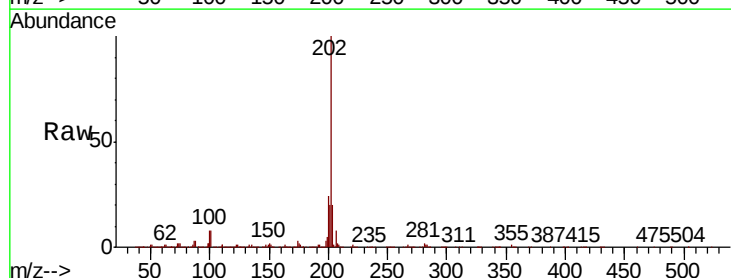
Tgt Ion:202 Resp: 1143398

Ion Ratio Lower Upper

202 100

200 24.1 18.5 27.7

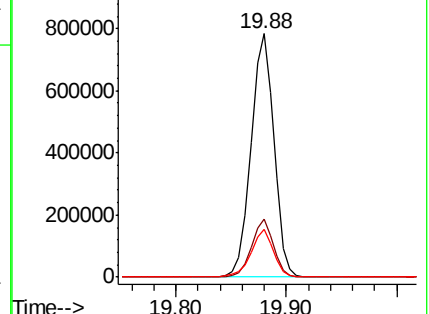
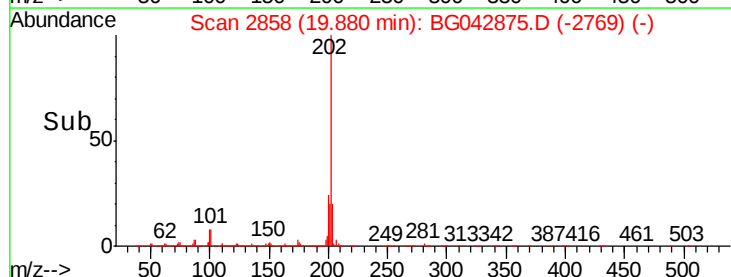
203 19.7 15.3 22.9

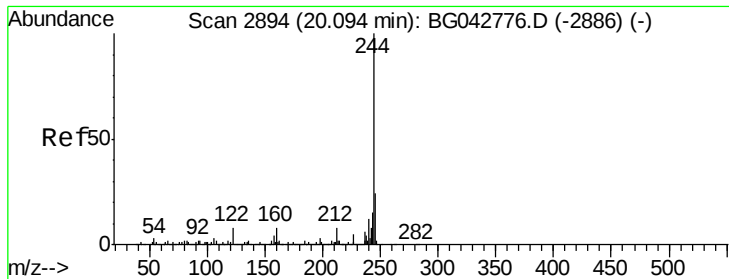


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.156 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

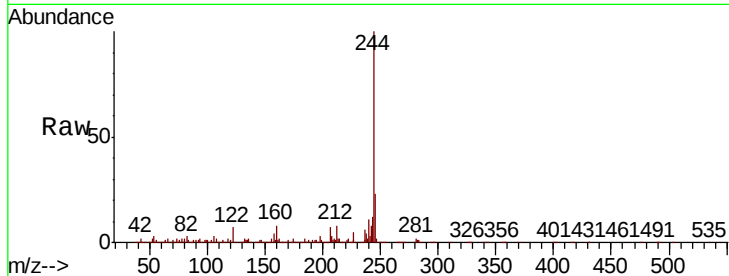
Tot Ion:244 Resp: 1410367

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

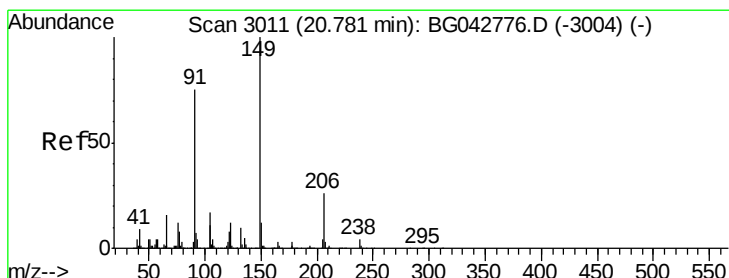
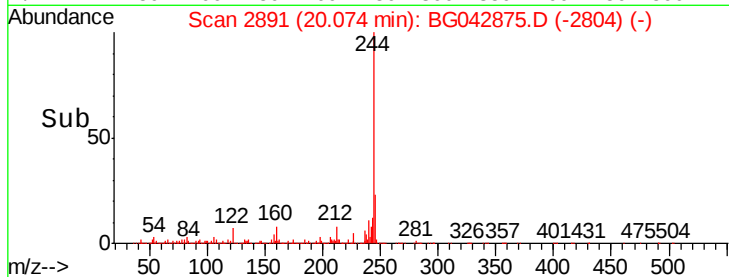
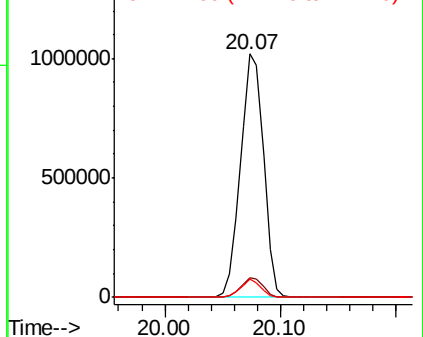
122 7.3 6.2 9.4



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



#80

Butylbenzylphthalate

Concen: 37.620 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

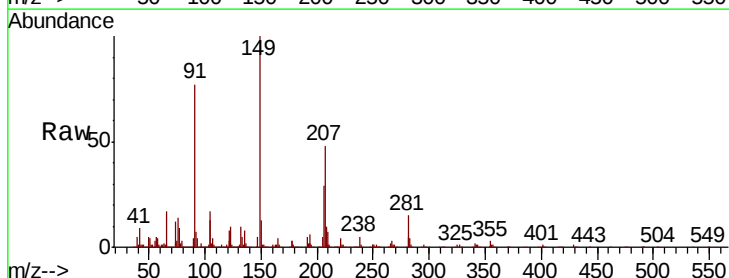
Tgt Ion:149 Resp: 362666

Ion Ratio Lower Upper

149 100

91 76.8 60.2 90.2

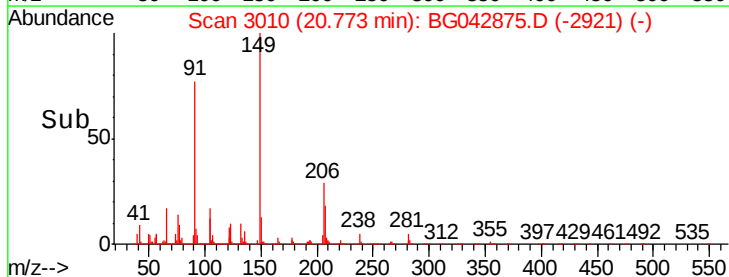
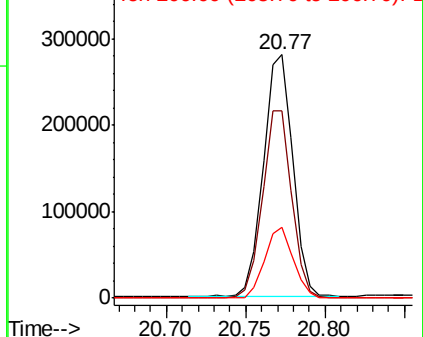
206 28.9 20.6 30.8

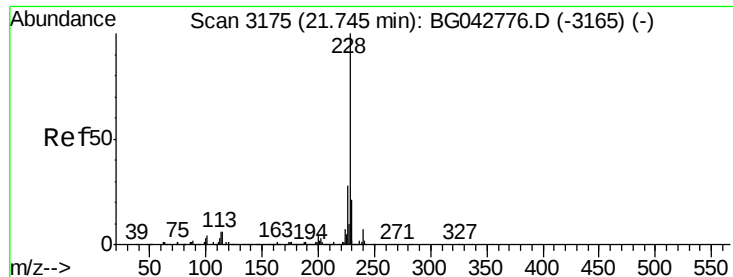


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.683 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

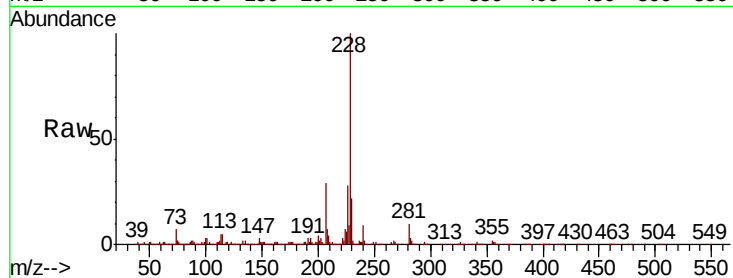
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 959971

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	21.5	17.2	25.8

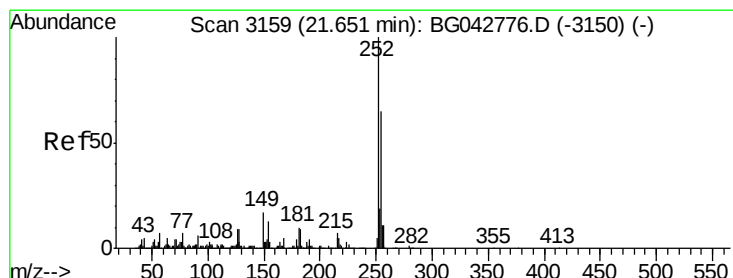
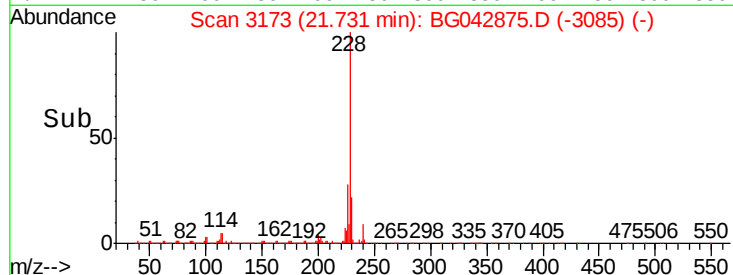
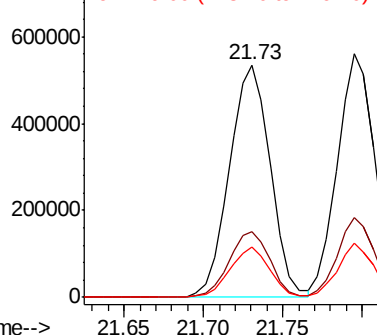


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 14.546 ng

RT: 21.65 min Scan# 3159

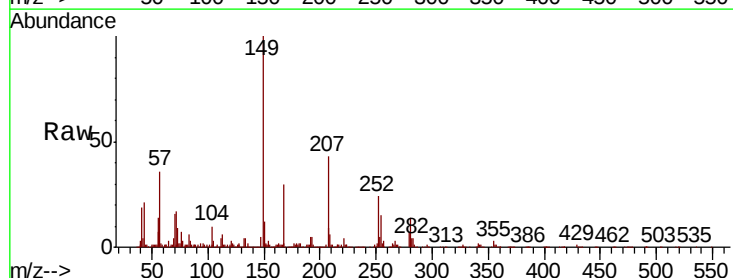
Delta R.T. -0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:252 Resp: 136747

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.2	78.2
126	5.3	7.0	10.4

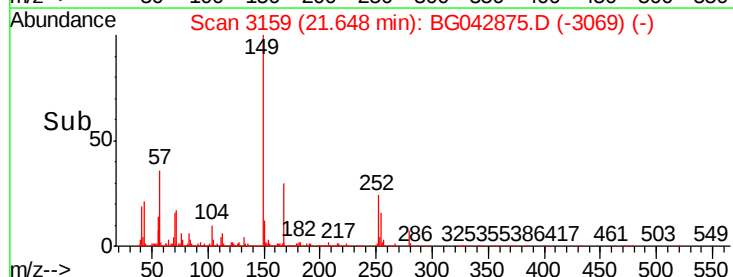
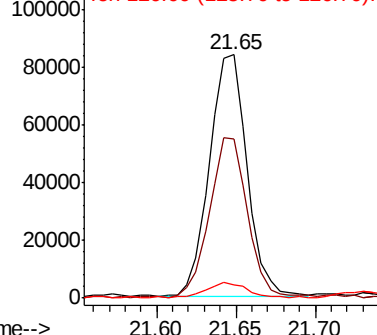


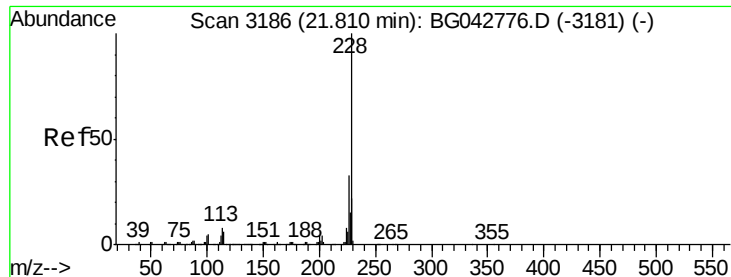
Abundance

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





#83

Chrysene

Concen: 40.083 ng

RT: 21.80 min Scan# 3184

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

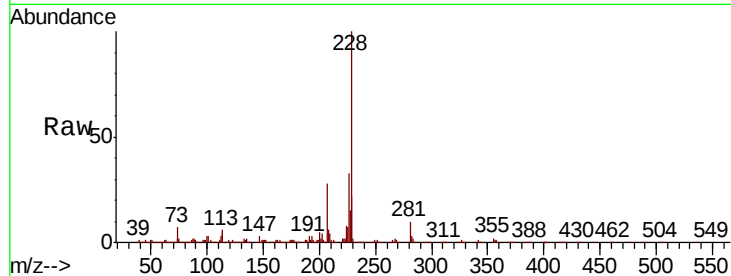
Tot Ion:228 Resp: 918466

Ion Ratio Lower Upper

228 100

226 32.7 26.0 39.0

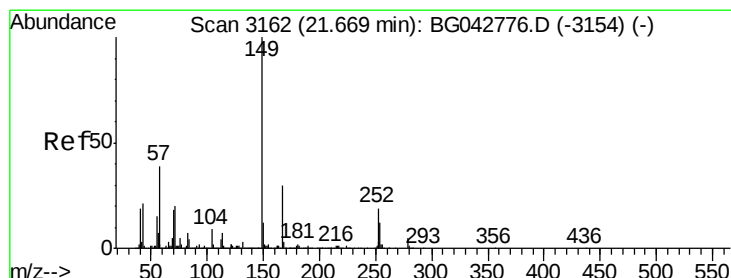
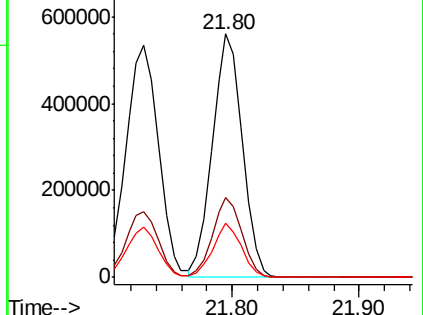
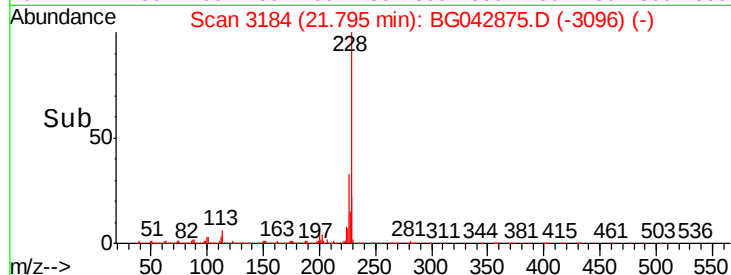
229 22.1 17.1 25.7



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.323 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

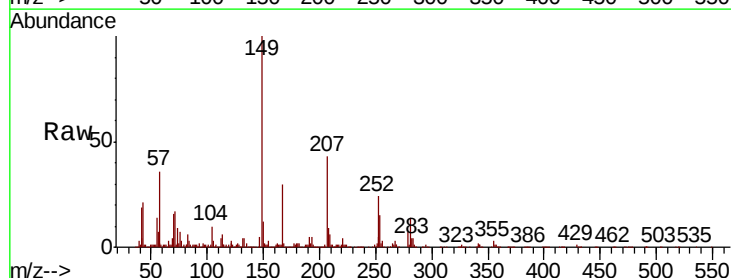
Tgt Ion:149 Resp: 465275

Ion Ratio Lower Upper

149 100

167 29.9 24.3 36.5

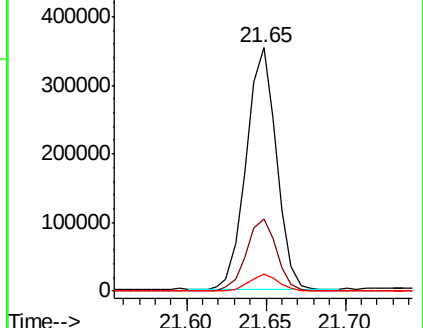
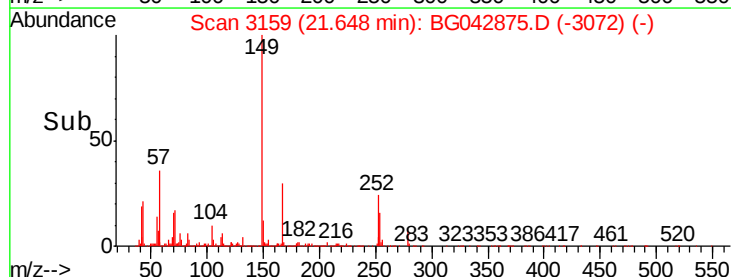
279 6.9 4.2 6.4#

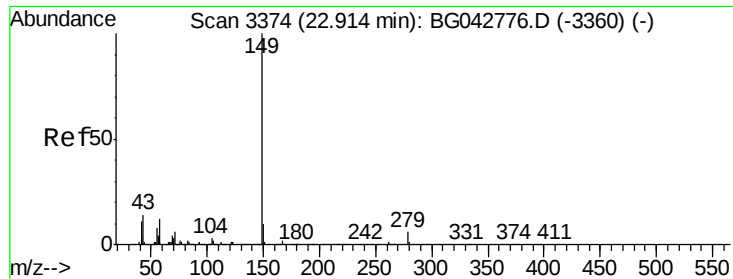


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

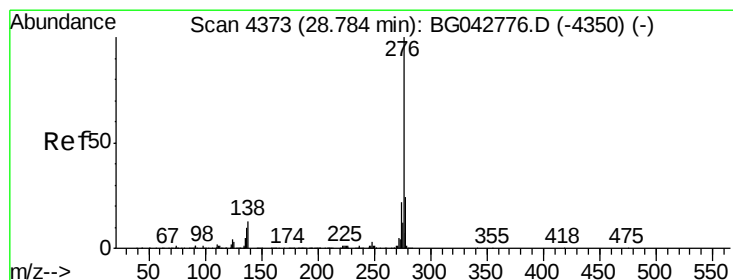
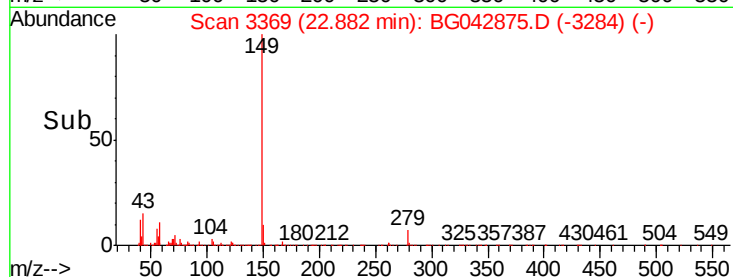
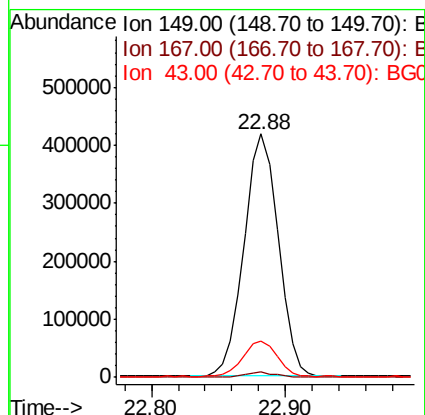
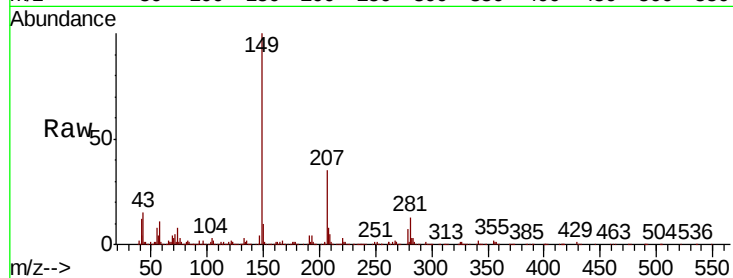




#85
Di-n-octyl phthalate
Concen: 32.850 ng
RT: 22.88 min Scan# 3369
Delta R.T. -0.03 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

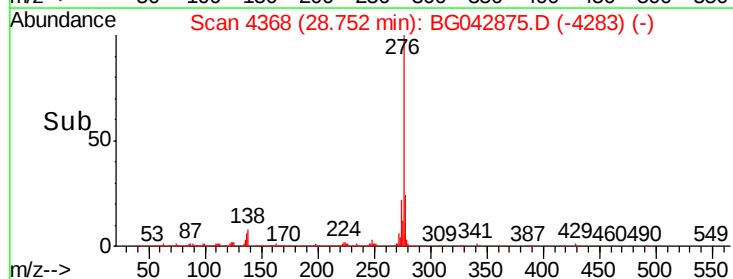
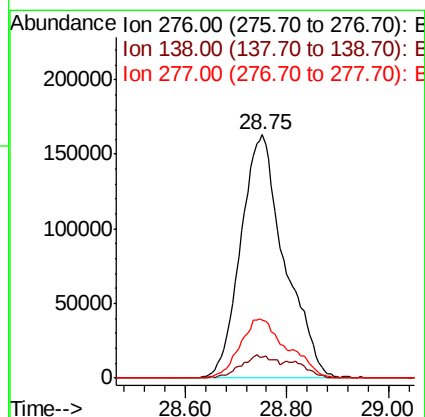
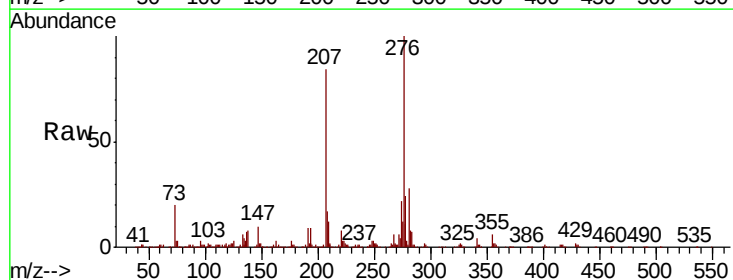
Instrument :
BNA_G
ClientSampled :

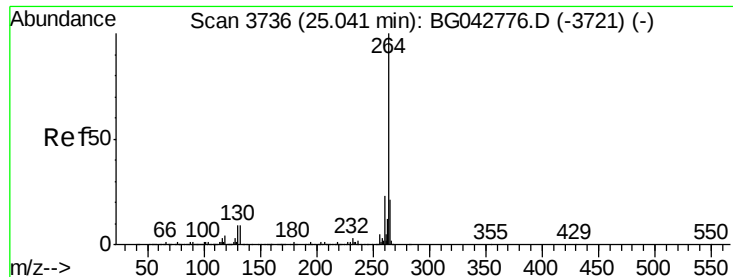
Tot Ion:149 Resp: 737642
Ion Ratio Lower Upper
149 100
167 2.0 1.4 2.0
43 14.8 10.6 15.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.433 ng
RT: 28.75 min Scan# 4368
Delta R.T. -0.03 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion:276 Resp: 977072
Ion Ratio Lower Upper
276 100
138 7.3 9.3 13.9#
277 26.3 17.2 25.8#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.03 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampleId :

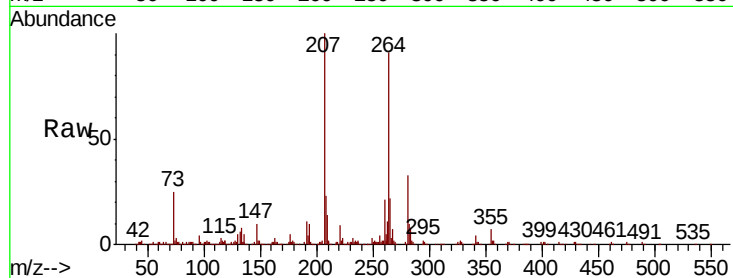
Tot Ion:264 Resp: 397671

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

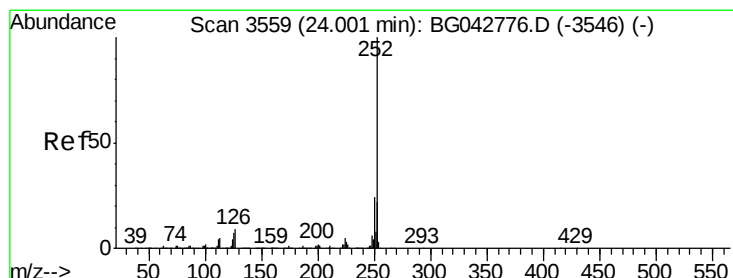
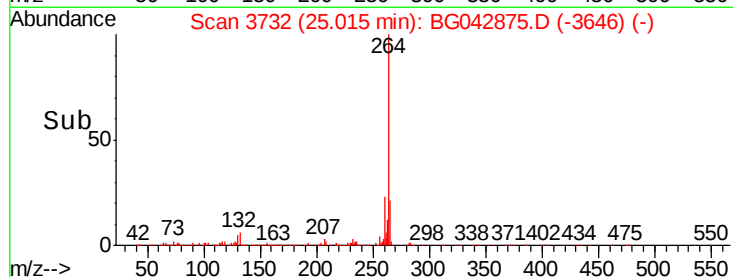
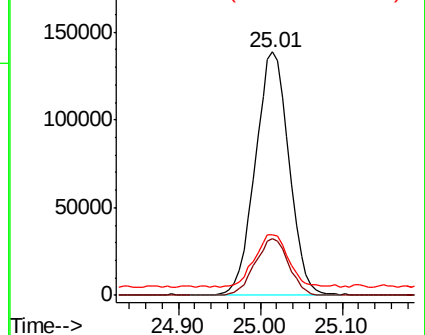
265 24.7 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.529 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.02 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

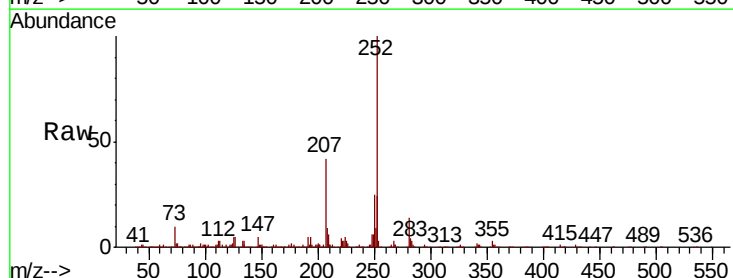
Tgt Ion:252 Resp: 923006

Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

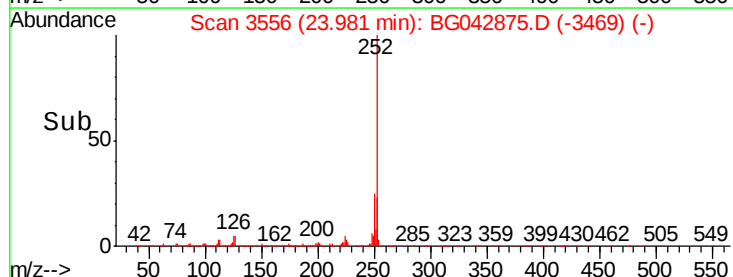
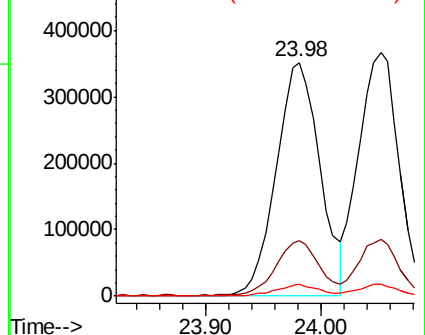
125 4.9 5.6 8.4#

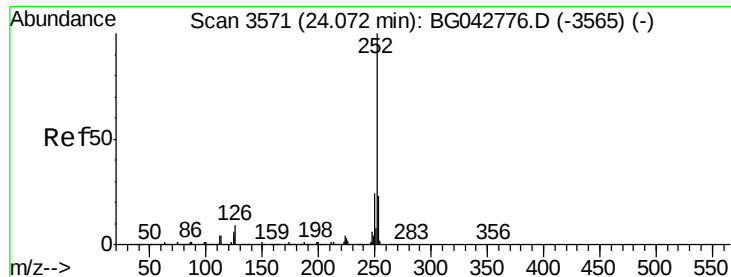


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.028 ng

RT: 24.05 min Scan# 3568

Delta R.T. -0.02 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampled :

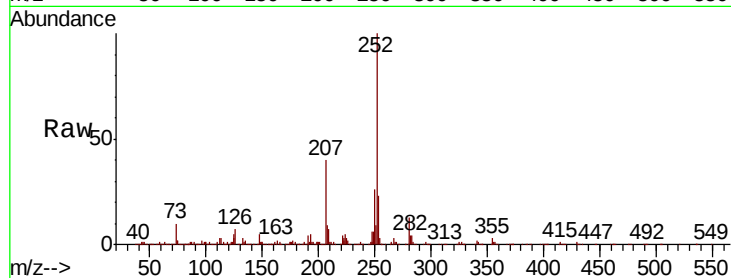
Tot Ion:252 Resp: 882916

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.4

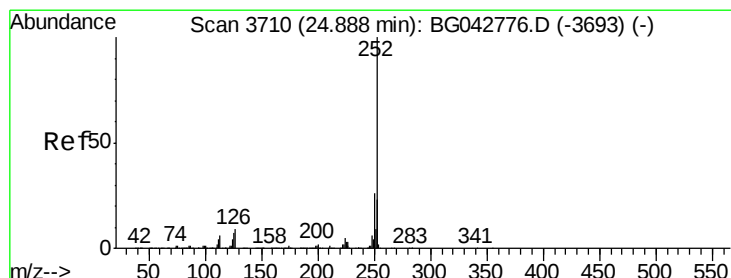
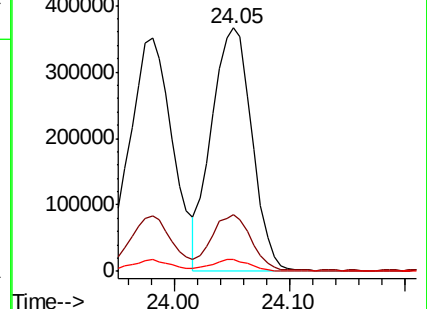
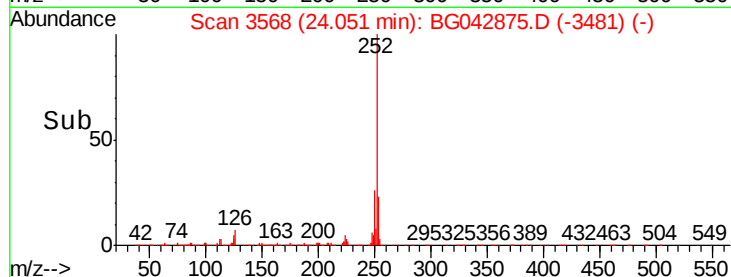
125 4.7 5.3 7.9#



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

Benzo(a)pyrene

Concen: 40.440 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.03 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

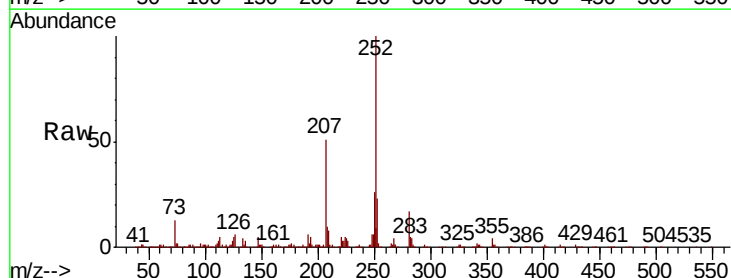
Tgt Ion:252 Resp: 884192

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

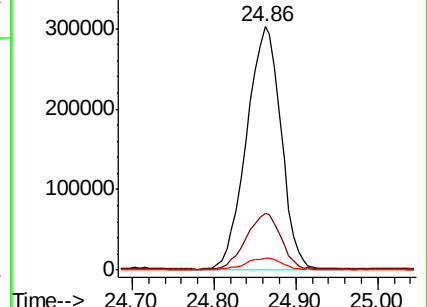
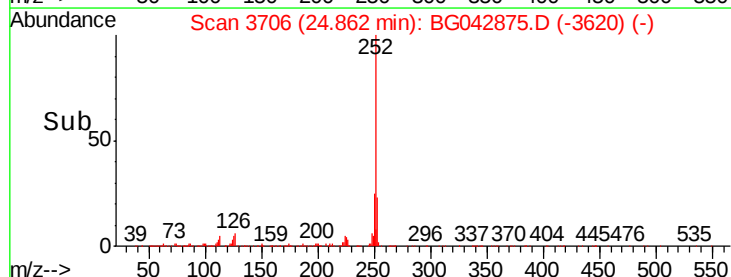
125 5.1 5.7 8.5#

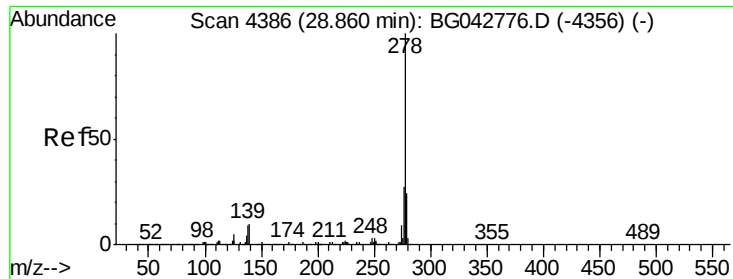


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

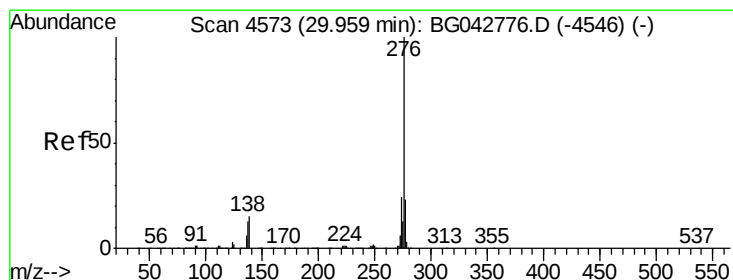
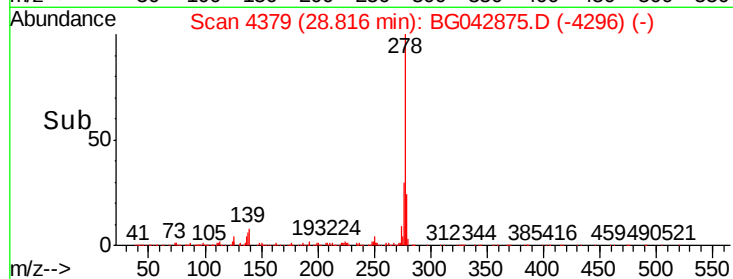
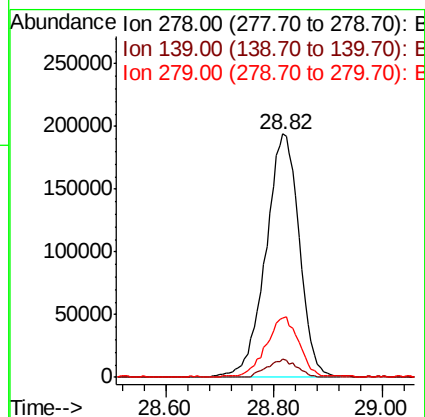
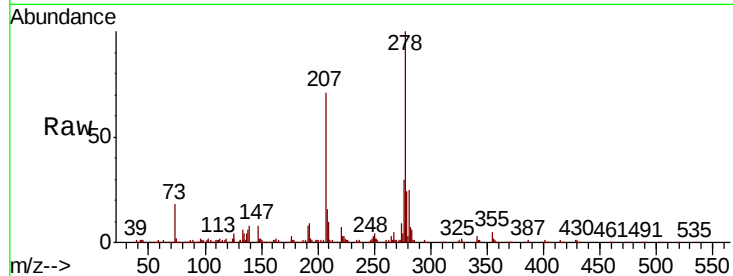




#91
Dibenzo(a,h)anthracene
Concen: 38.545 ng
RT: 28.82 min Scan# 4379
Delta R.T. -0.04 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.6	8.2	12.2#
279	24.5	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 39.918 ng
RT: 29.91 min Scan# 4565
Delta R.T. -0.05 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.4	27.6
138	10.0	11.8	17.8#

