

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
 Data File : BG043084.D
 Acq On : 8 Oct 2019 14:11
 Operator : JU
 Sample : PB123704BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 09 01:07:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	44202	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	175478	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	131974	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	321781	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	360625	20.00	ng	-0.03
87) Perylene-d12	24.90	264	407696	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	307255	124.05	ng	-0.02
7) Phenol-d6	7.23	99	420524	117.90	ng	-0.01
23) Nitrobenzene-d5	9.22	82	213959	59.26	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	272851	120.23	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	563864	61.94	ng	-0.02
79) Terphenyl-d14	20.03	244	1176871	69.54	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	39307	38.064	ng	90
3) Pyridine	3.93	79	97783	33.666	ng	88
4) n-Nitrosodimethylamine	3.85	42	52184	37.362	ng	# 86
6) Aniline	7.39	93	139655	32.436	ng	99
8) 2-Chlorophenol	7.63	128	124382	48.154	ng	91
9) Benzaldehyde	7.19	77	78364	35.954	ng	95
10) Phenol	7.26	94	154024	47.067	ng	92
11) bis(2-Chloroethyl)ether	7.48	93	110697	43.720	ng	89
12) 1,3-Dichlorobenzene	7.95	146	134449	40.803	ng	97
13) 1,4-Dichlorobenzene	8.09	146	136273	41.486	ng	97
14) 1,2-Dichlorobenzene	8.41	146	131251	41.970	ng	97
15) Benzyl Alcohol	8.29	79	111627	41.627	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	152743	31.412	ng	97
17) 2-Methylphenol	8.51	107	102649	44.830	ng	96
18) Hexachloroethane	9.14	117	48075	38.861	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	90898	38.811	ng	93
20) 3+4-Methylphenols	8.83	107	141111	44.970	ng	95
22) Acetophenone	8.88	105	177581	39.259	ng	# 97
24) Nitrobenzene	9.26	77	138871	40.327	ng	97
25) Isophorone	9.78	82	254448	40.124	ng	99
26) 2-Nitrophenol	9.97	139	68137	46.479	ng	97
27) 2,4-Dimethylphenol	10.03	122	113878	50.583	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	146139	40.617	ng	98
29) 2,4-Dichlorophenol	10.51	162	129546	46.268	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	147126	40.690	ng	96
31) Naphthalene	10.91	128	369851	42.816	ng	98
32) Benzoic acid	10.17	122	65302	38.908	ng	93
33) 4-Chloroaniline	11.03	127	43703	11.659	ng	# 94
34) Hexachlorobutadiene	11.20	225	102549	37.878	ng	97
35) Caprolactam	11.79	113	23481	23.781	ng	# 68
36) 4-Chloro-3-methylphenol	12.14	107	138279	45.422	ng	96
37) 2-Methylnaphthalene	12.51	142	282605	42.885	ng	94
38) 1-Methylnaphthalene	12.73	142	268662	43.086	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	182074	36.693	ng	98

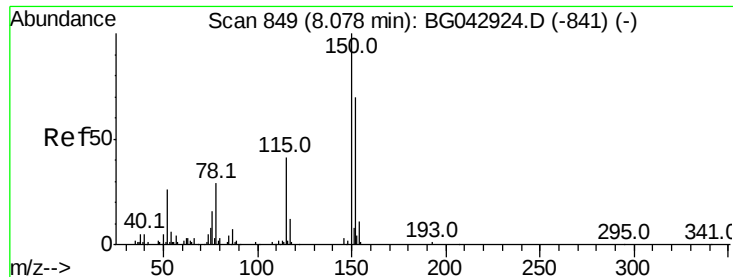
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	272969	86.338	nq	96
43) 2,4,6-Trichlorophenol	13.12	196	123590	42.553	nq	97
44) 2,4,5-Trichlorophenol	13.19	196	132305	44.221	nq	93
46) 1,1'-Biphenyl	13.51	154	385215	38.490	nq	98
47) 2-Chloronaphthalene	13.56	162	296133	39.465	nq	98
48) 2-Nitroaniline	13.76	65	96569	38.700	nq	91
49) Acenaphthylene	14.40	152	488099	42.511	nq	99
50) Dimethylphthalate	14.13	163	403196	40.775	nq	99
51) 2,6-Dinitrotoluene	14.25	165	93273	44.294	nq	90
52) Acenaphthene	14.74	154	293331	38.168	nq	99
53) 3-Nitroaniline	14.59	138	58675	26.962	nq	92
54) 2,4-Dinitrophenol	14.79	184	115335	88.115	nq	88
55) Dibenzofuran	15.07	168	476508	41.914	nq	99
56) 4-Nitrophenol	14.90	139	150244	90.610	nq	100
57) 2,4-Dinitrotoluene	15.03	165	134551	43.633	nq	98
58) Fluorene	15.73	166	405206	41.748	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.31	232	133650	41.954	nq	99
60) Diethylphthalate	15.49	149	405675	40.312	nq	98
61) 4-Chlorophenyl-phenylether	15.71	204	236248	40.585	nq	98
62) 4-Nitroaniline	15.74	138	91211	38.430	nq	99
63) Azobenzene	16.01	77	356221	38.880	nq	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	87691	48.159	nq	93
66) n-Nitrosodiphenylamine	15.93	169	365798	43.063	nq	97
67) 4-Bromophenyl-phenylether	16.61	248	165754	41.042	nq	98
68) Hexachlorobenzene	16.73	284	188322	41.879	nq	96
69) Atrazine	16.88	200	154388	43.161	nq	98
70) Pentachlorophenol	17.07	266	232224	89.498	nq	99
71) Phenanthrene	17.47	178	665417	42.358	nq	98
72) Anthracene	17.55	178	689411	43.959	nq	98
73) Carbazole	17.82	167	629801	43.306	nq	99
74) Di-n-butylphthalate	18.38	149	729990	42.070	nq	99
75) Fluoranthene	19.47	202	887922	42.733	nq	98
77) Benzidine	19.65	184	640045	70.882	nq	99
78) Pyrene	19.83	202	907839	42.177	nq	99
80) Butylbenzylphthalate	20.71	149	333126	40.774	nq	97
81) Benzo(a)anthracene	21.67	228	938231	41.754	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	236251	26.807	nq	99
83) Chrysene	21.74	228	900914	41.315	nq	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	480201	41.306	nq	97
85) Di-n-octyl phthalate	22.79	149	814448	42.843	nq	96
86) Indeno(1,2,3-cd)pyrene	28.56	276	1151081	42.403	nq	100
88) Benzo(b)fluoranthene	23.89	252	961608	41.685	nq	99
89) Benzo(k)fluoranthene	23.95	252	969656	42.489	nq	100
90) Benzo(a)pyrene	24.76	252	903867	41.530	nq	97
91) Dibenzo(a,h)anthracene	28.63	278	975019	43.689	nq	98
92) Benzo(g,h,i)perylene	29.72	276	959441	44.370	nq	98

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

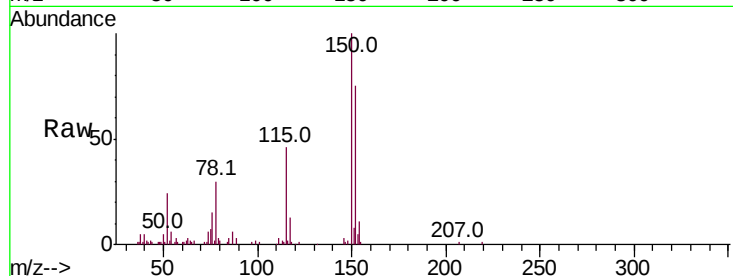


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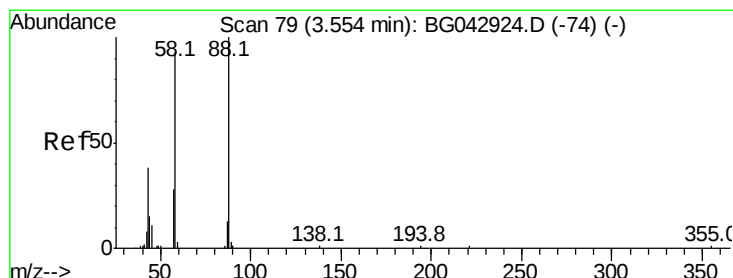
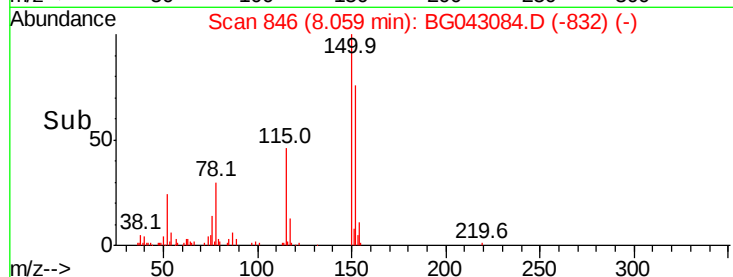
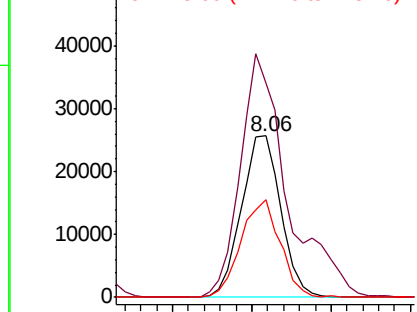
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 44202
Ion Ratio Lower Upper
152 100
150 132.9 115.0 172.4
115 60.8 47.0 70.6



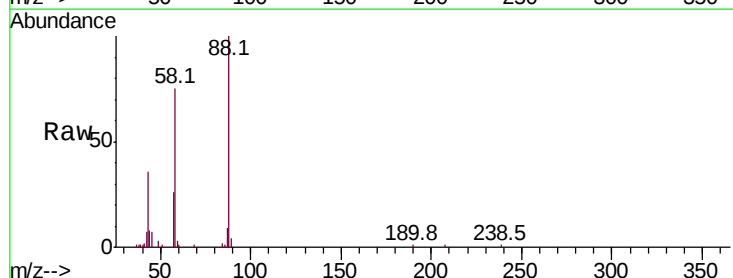
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



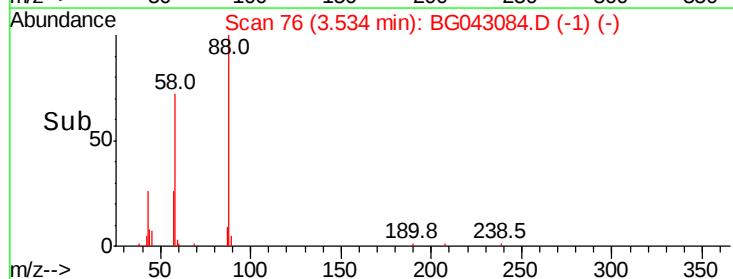
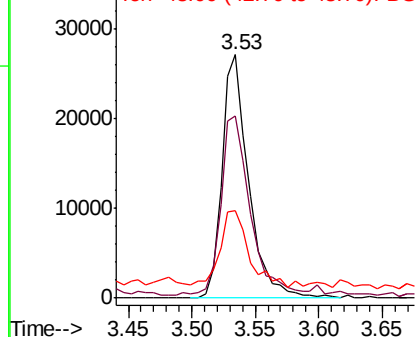
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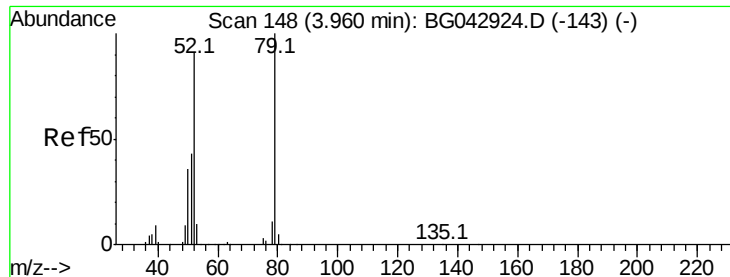
1,4-Dioxane
Concen: 38.064 ng
RT: 3.53 min Scan# 76
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Tgt Ion: 88 Resp: 39307
Ion Ratio Lower Upper
88 100
58 80.9 74.3 111.5
43 35.0 29.8 44.8



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: 33.666 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.03 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

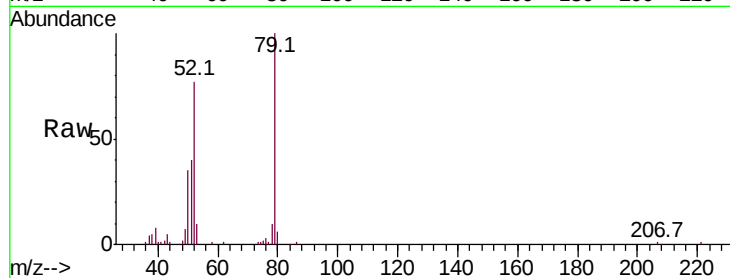
Tot Ion: 79 Resp: 97783

Ion Ratio Lower Upper

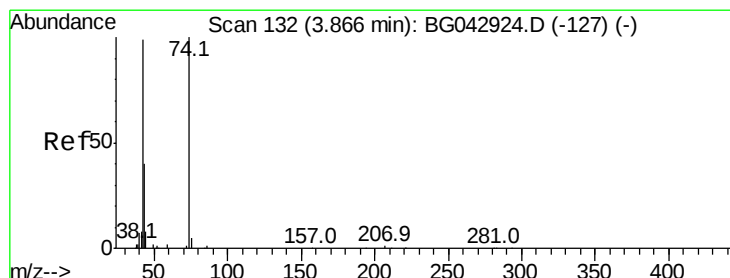
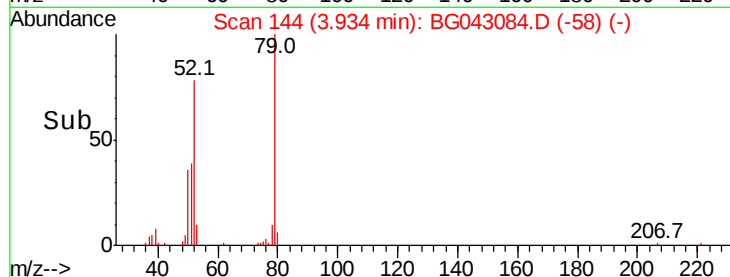
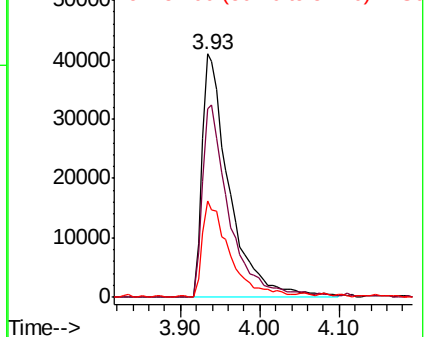
79 100

52 77.2 73.0 109.4

51 39.5 35.1 52.7



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: 37.362 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.02 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

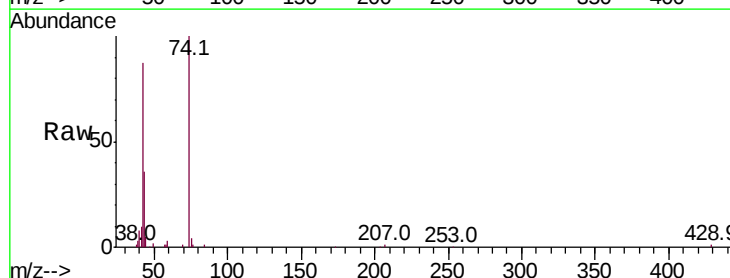
Tgt Ion: 42 Resp: 52184

Ion Ratio Lower Upper

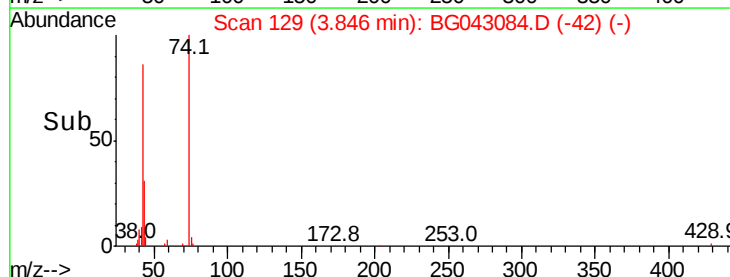
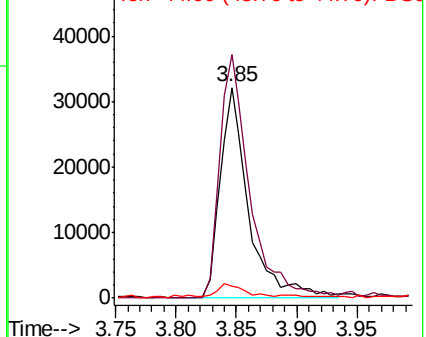
42 100

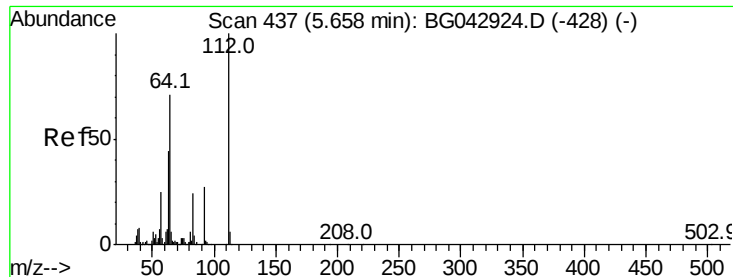
74 115.6 80.5 120.7

44 5.8 6.9 10.3#



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: 124.052 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.02 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

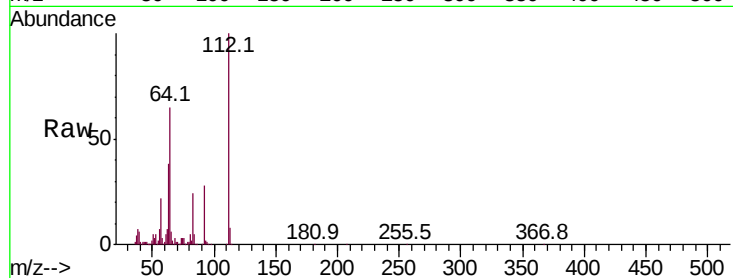
Tot Ion:112 Resp: 307255

Ion Ratio Lower Upper

112 100

64 64.9 56.6 84.8

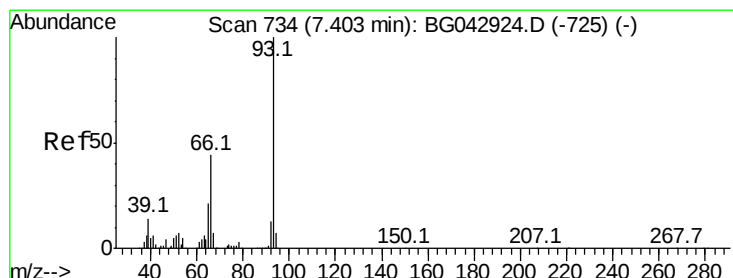
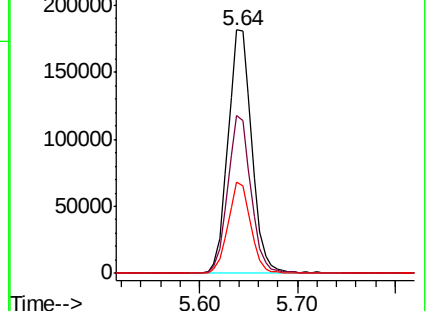
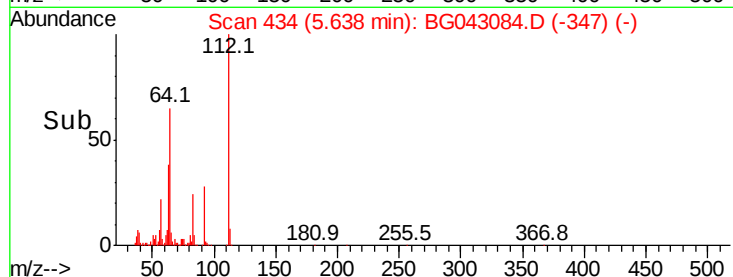
63 37.8 35.1 52.7



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: 32.436 ng

RT: 7.39 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

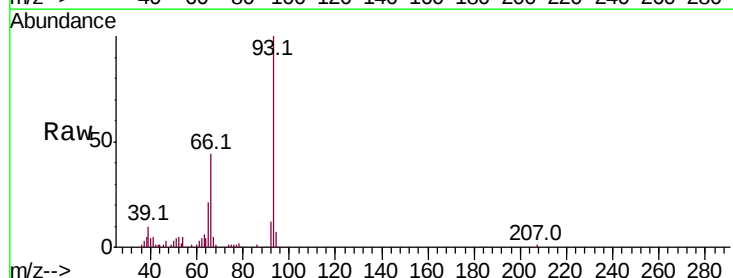
Tgt Ion: 93 Resp: 139655

Ion Ratio Lower Upper

93 100

66 43.8 35.0 52.6

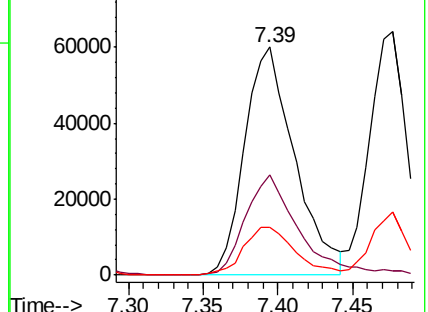
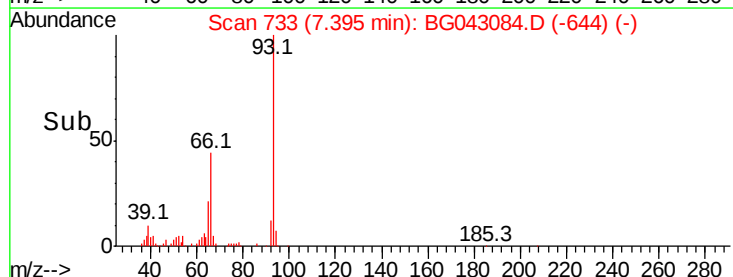
65 20.9 17.4 26.0

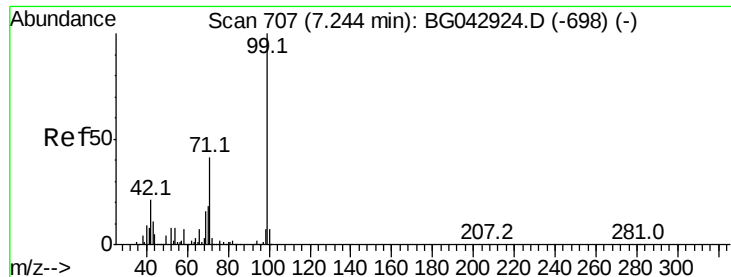


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.900 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

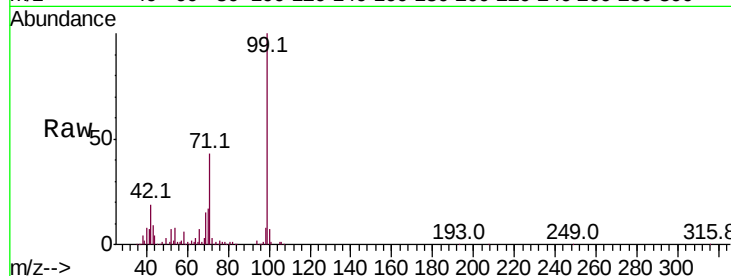
Tot Ion: 99 Resp: 420524

Ion Ratio Lower Upper

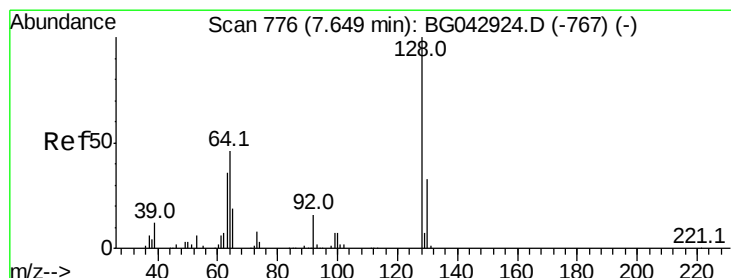
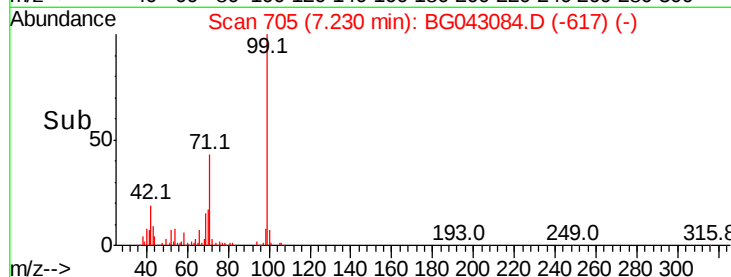
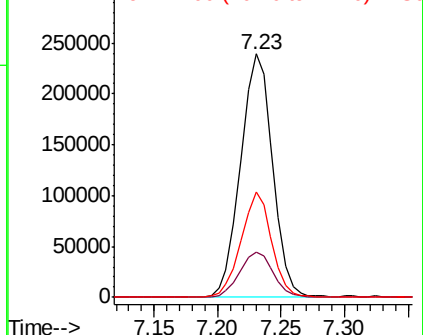
99 100

42 18.6 17.2 25.8

71 43.4 33.1 49.7



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: 48.154 ng

RT: 7.63 min Scan# 773

Delta R.T. -0.02 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

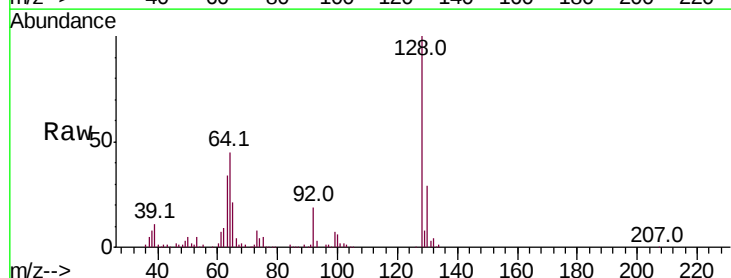
Tgt Ion: 128 Resp: 124382

Ion Ratio Lower Upper

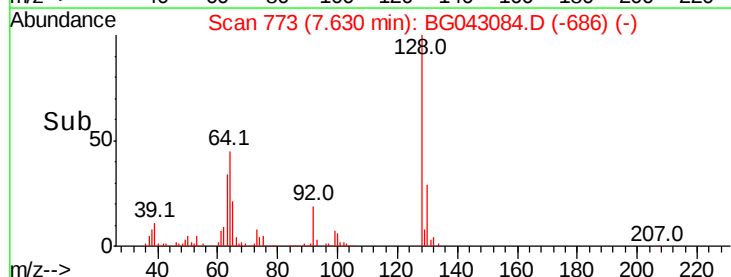
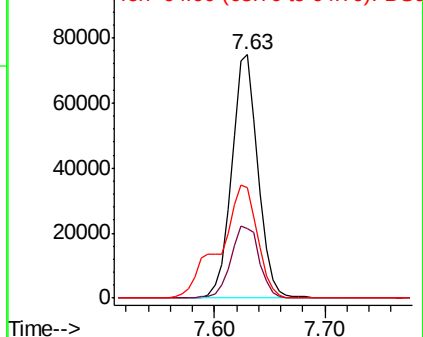
128 100

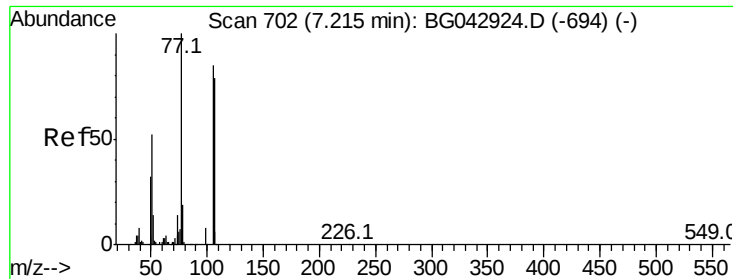
130 28.8 12.5 52.5

64 45.1 32.8 72.8



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: 35.954 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.03 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

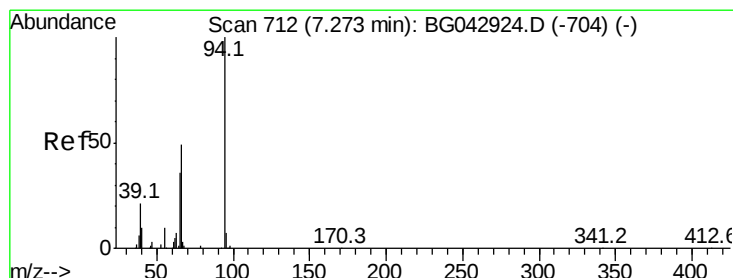
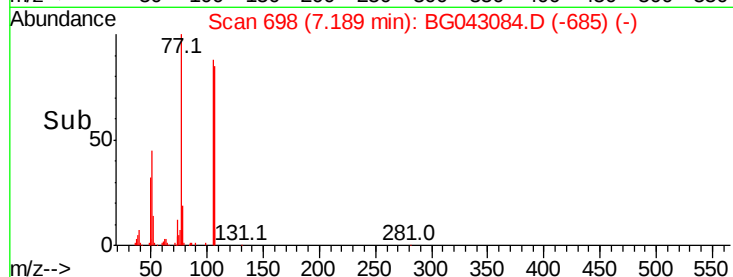
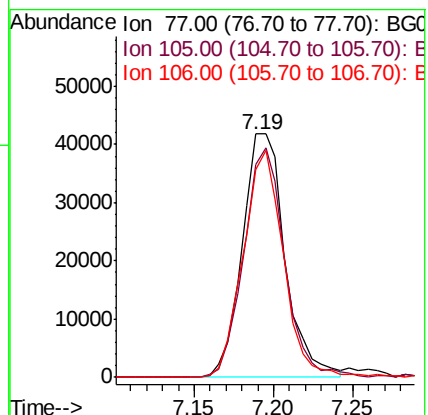
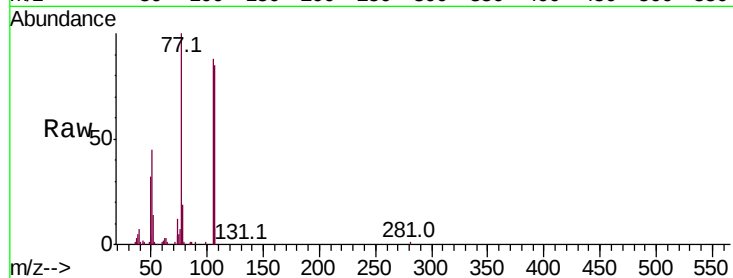
Tot Ion: 77 Resp: 78364

Ion Ratio Lower Upper

77 100

105 87.6 64.6 104.6

106 85.3 59.4 99.4



#10

Phenol

Concen: 47.067 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

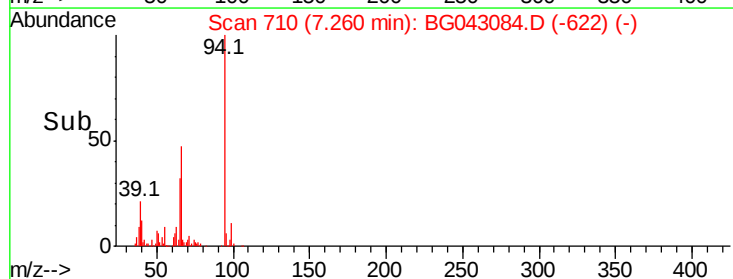
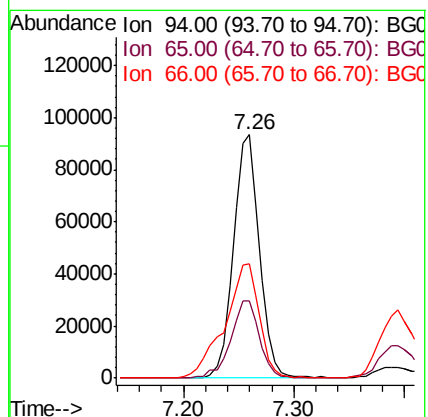
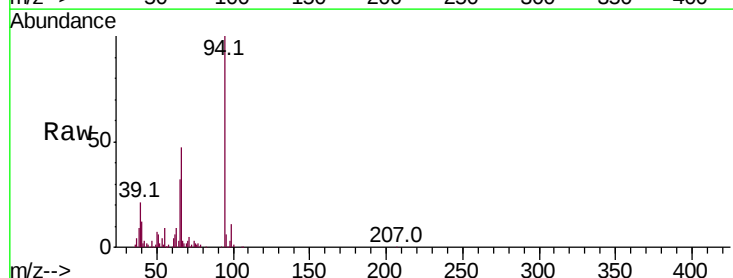
Tgt Ion: 94 Resp: 154024

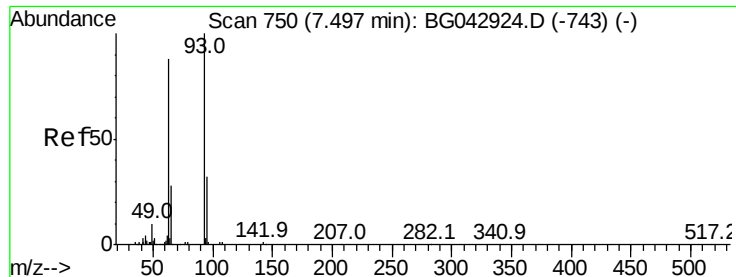
Ion Ratio Lower Upper

94 100

65 31.9 16.6 56.6

66 46.7 32.4 72.4





#11

bis(2-Chloroethyl)ether

Concen: 43.720 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

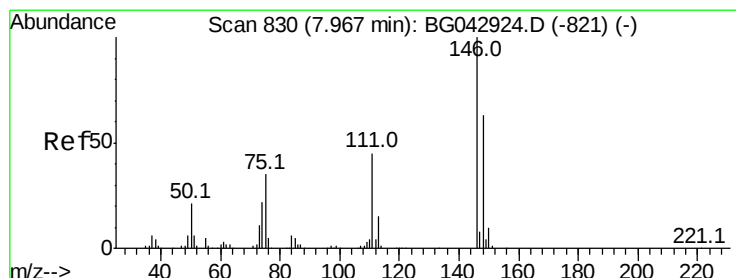
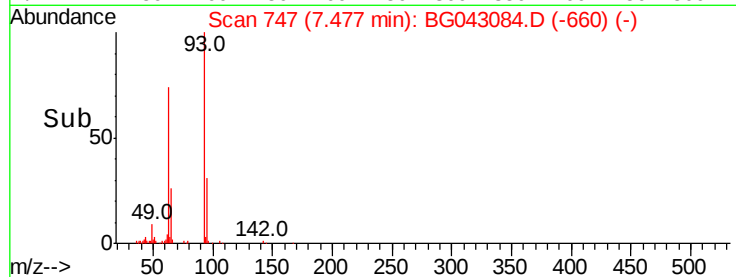
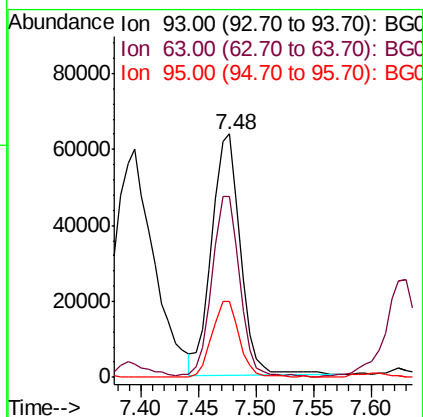
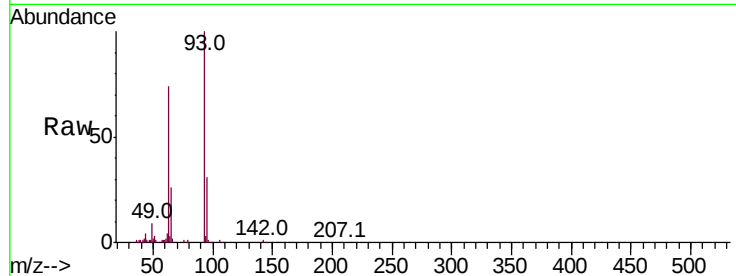
Tot Ion: 93 Resp: 110697

Ion Ratio Lower Upper

93 100

63 74.1 67.4 107.4

95 31.3 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 40.803 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.02 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

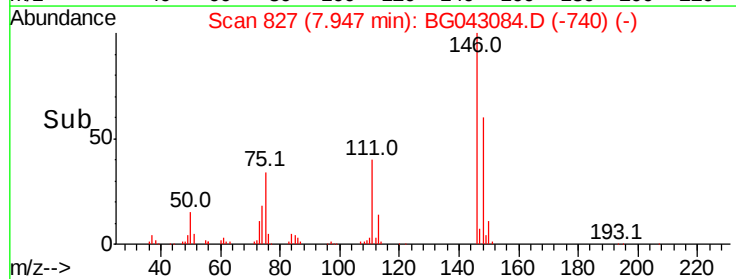
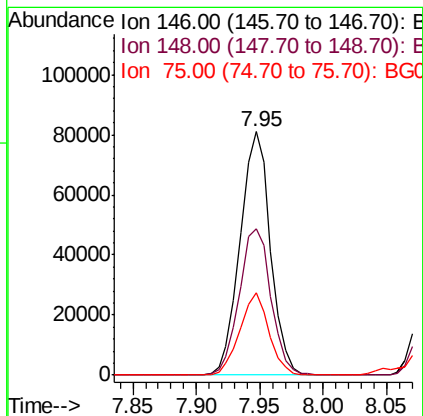
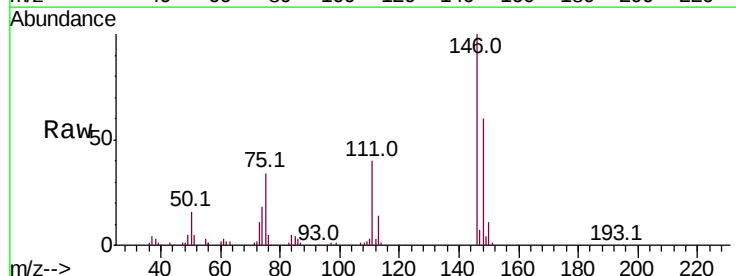
Tgt Ion: 146 Resp: 134449

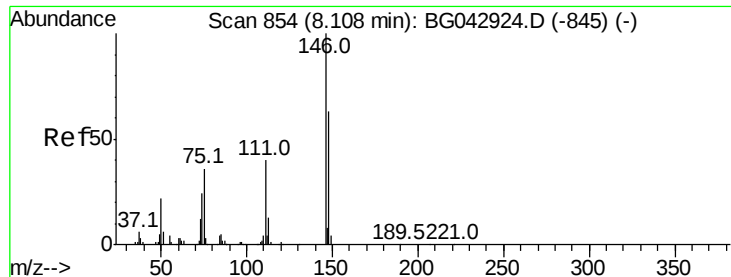
Ion Ratio Lower Upper

146 100

148 60.3 50.7 76.1

75 33.9 27.7 41.5

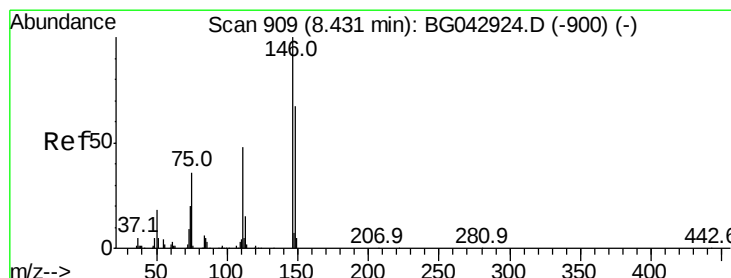
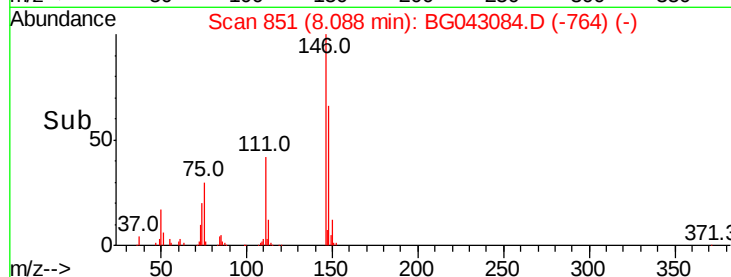
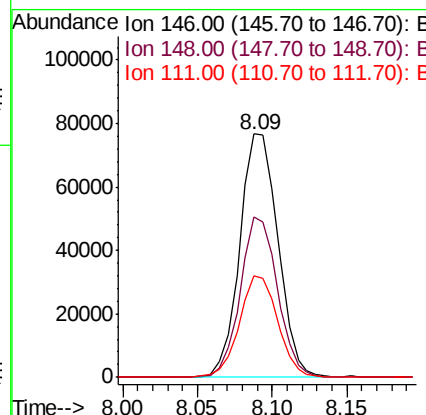
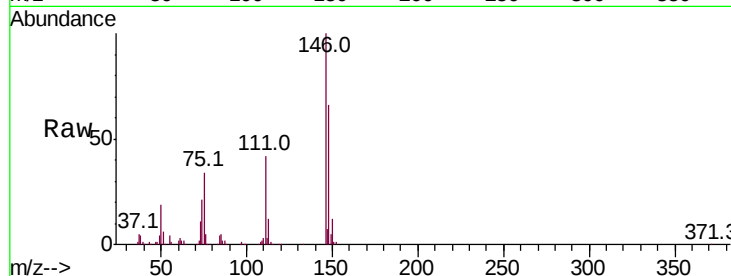




#13
 1,4-Dichlorobenzene
 Concen: 41.486 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BG043084.D
 Acq: 8 Oct 2019 14:11

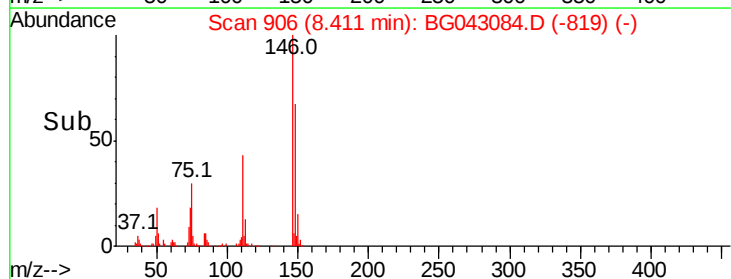
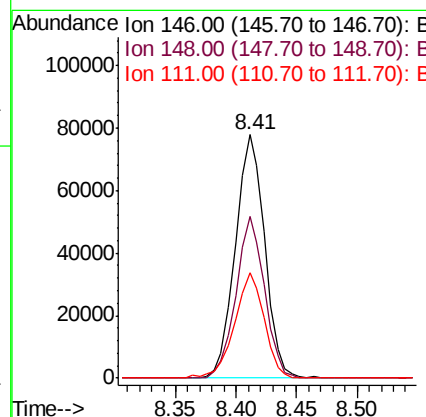
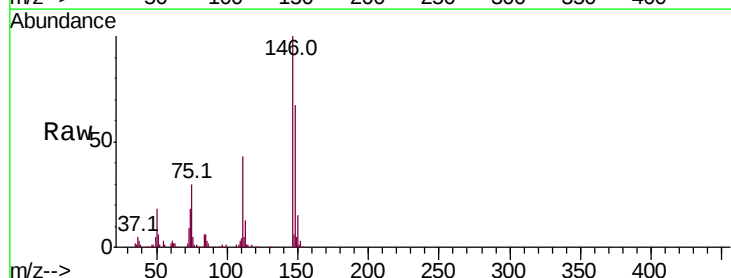
Instrument :
 BNA_G
 ClientSampleId :

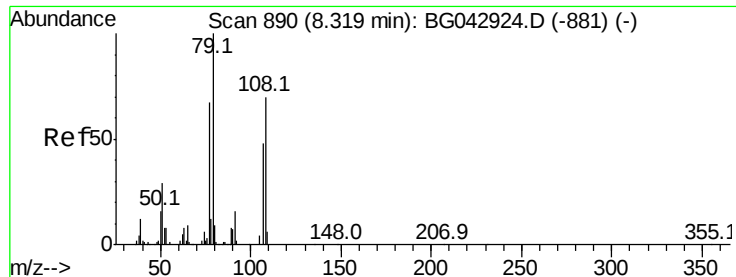
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.9	76.3
111	41.8	31.8	47.8



#14
 1,2-Dichlorobenzene
 Concen: 41.970 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BG043084.D
 Acq: 8 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	53.4	80.2
111	43.2	38.5	57.7





#15

Benzyl Alcohol

Concen: 41.627 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.03 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

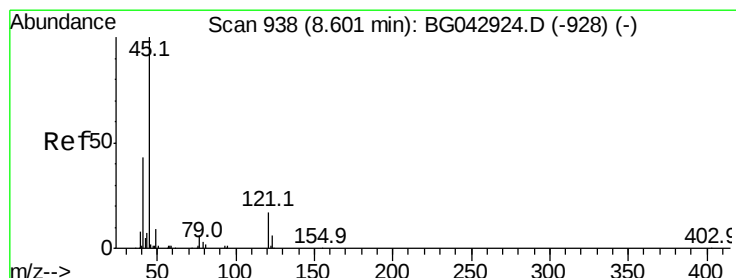
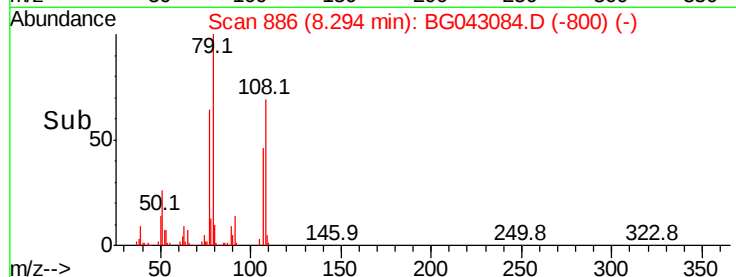
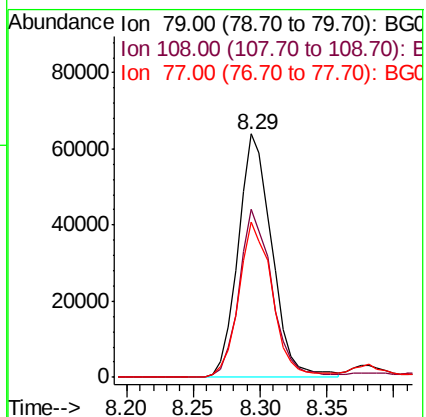
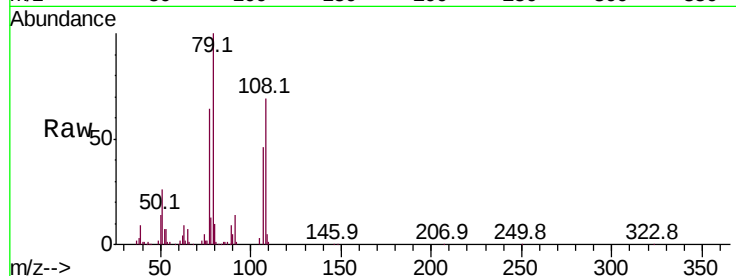
Tot Ion: 79 Resp: 111627

Ion Ratio Lower Upper

79 100

108 69.1 55.7 83.5

77 63.6 53.3 79.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.412 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.02 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

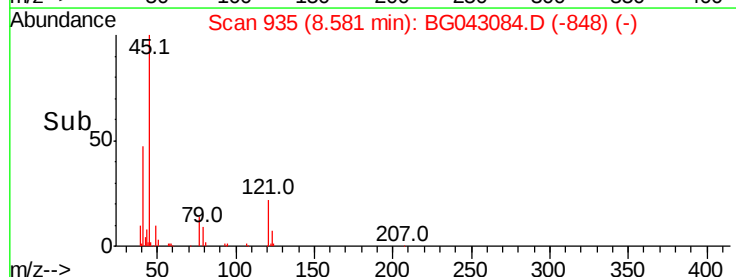
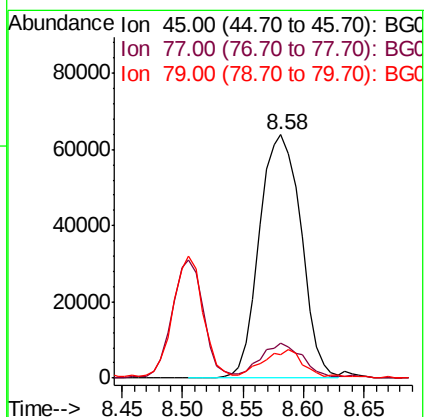
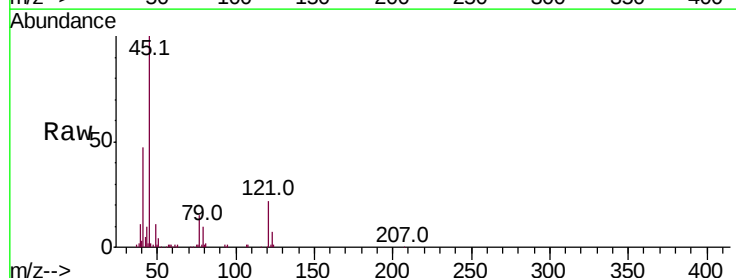
Tgt Ion: 45 Resp: 152743

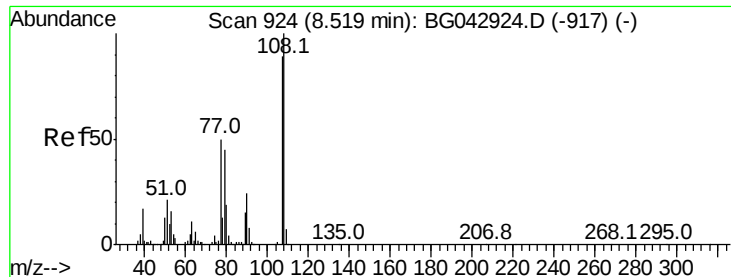
Ion Ratio Lower Upper

45 100

77 14.6 0.0 32.8

79 9.9 0.0 29.4





#17

2-Methylphenol

Concen: 44.830 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 102649

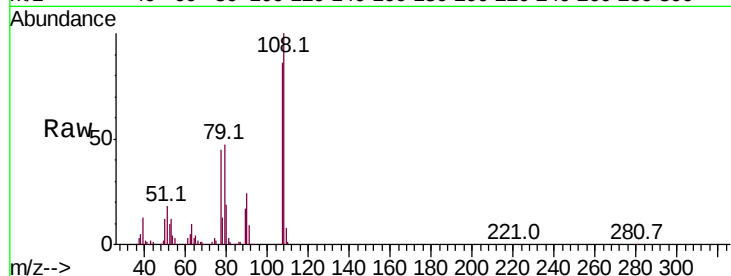
Ion Ratio Lower Upper

107 100

108 116.0 89.9 134.9

77 52.5 45.4 68.2

79 54.1 41.4 62.0

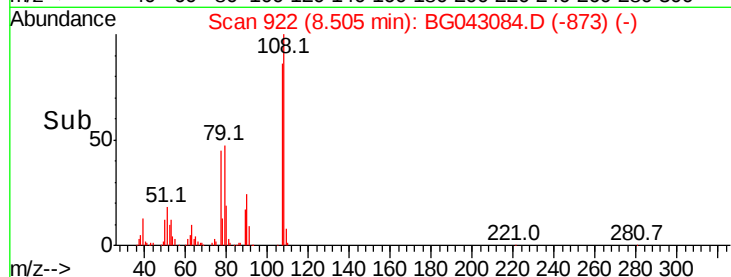


Abundance Ion 107.00 (106.70 to 107.70): E

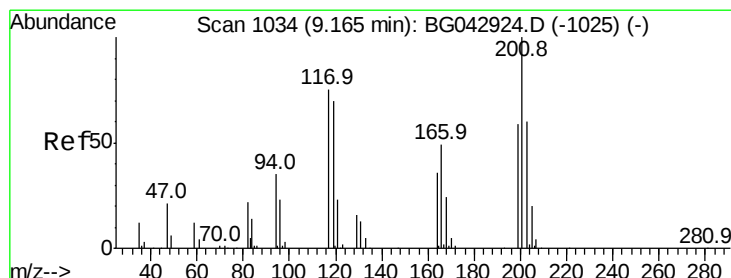
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 38.861 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

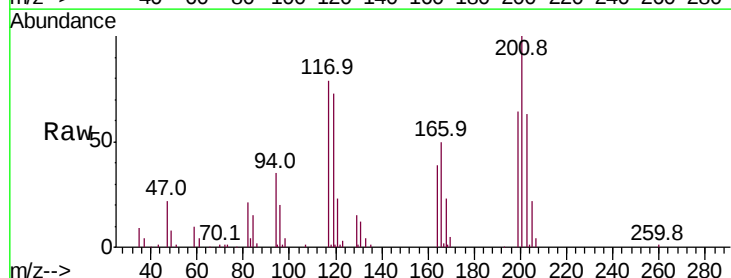
Tgt Ion:117 Resp: 48075

Ion Ratio Lower Upper

117 100

119 91.9 74.6 111.8

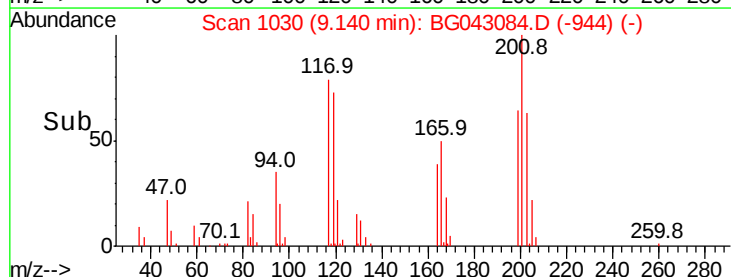
201 126.6 106.0 159.0



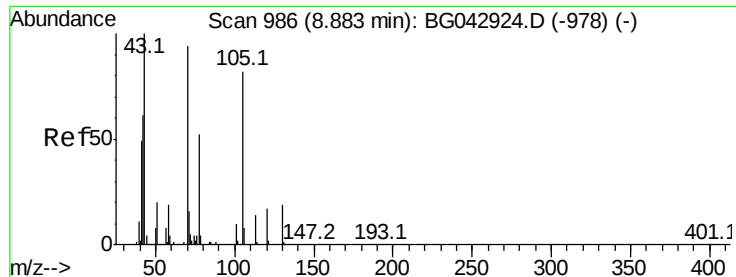
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



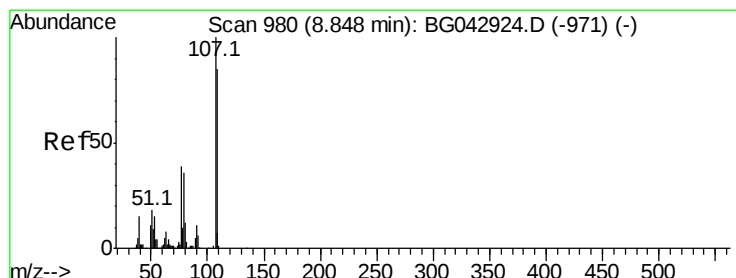
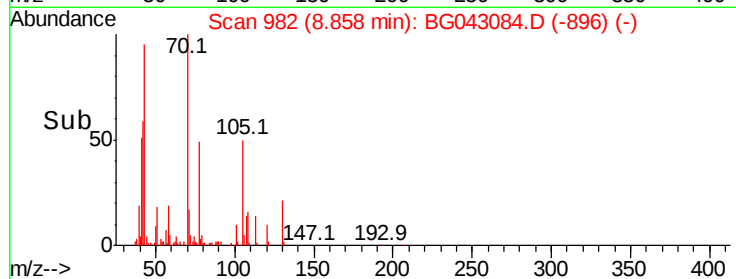
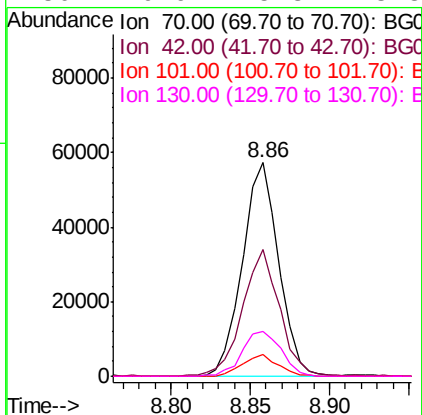
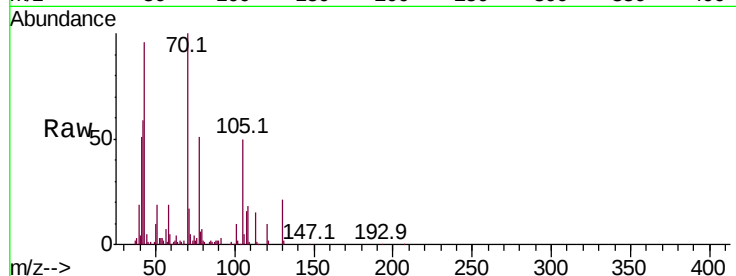
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 38.811 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.03 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

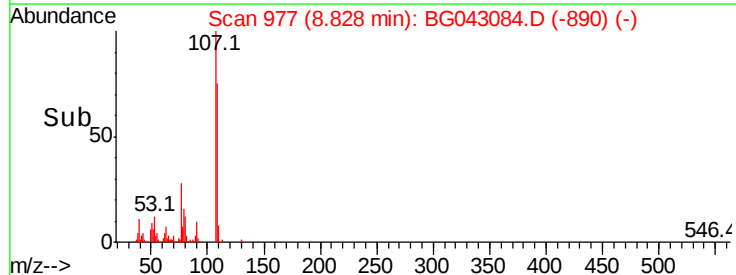
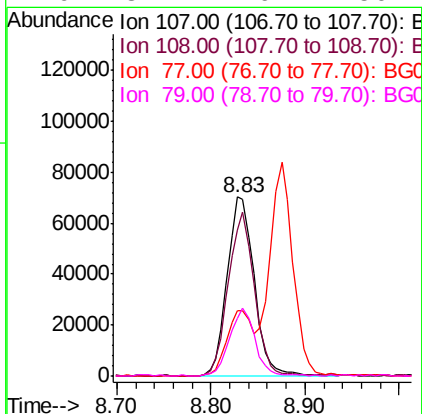
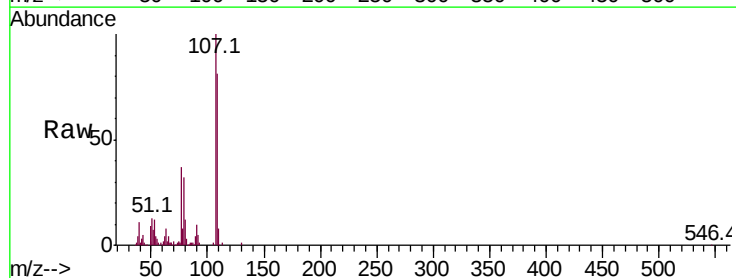
Instrument :
BNA_G
ClientSampleId :

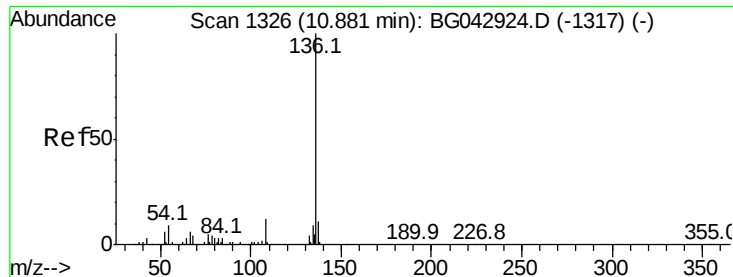
Tot Ion:	70	Resp:	90898
Ion	Ratio	Lower	Upper
70	100		
42	59.1	52.6	79.0
101	10.1	8.7	13.1
130	20.9	15.8	23.8



#20
3+4-Methylphenols
Concen: 44.970 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Tgt Ion:	107	Resp:	141111
Ion	Ratio	Lower	Upper
107	100		
108	81.2	64.9	104.9
77	36.8	19.4	59.4
79	32.4	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 175478

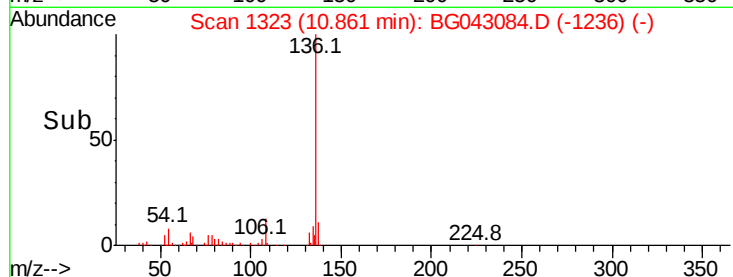
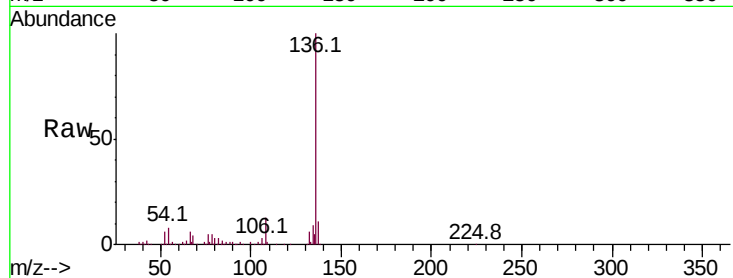
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.9 7.4 11.2

68 4.5 3.6 5.4

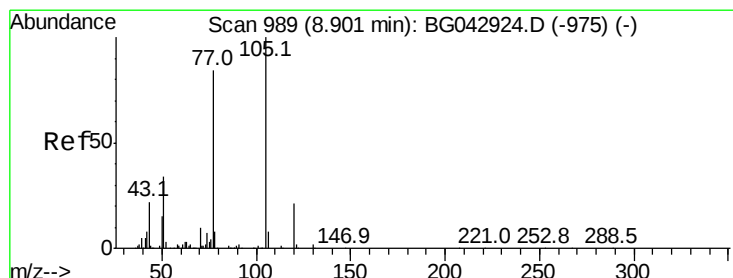
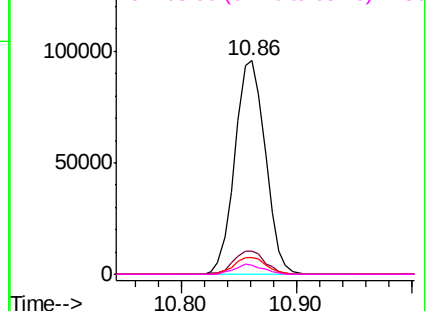


Abundance Ion 136.00 (135.70 to 136.70): E

150000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.259 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.03 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Tgt Ion:105 Resp: 177581

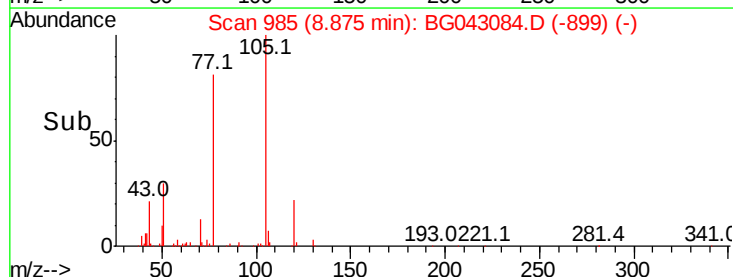
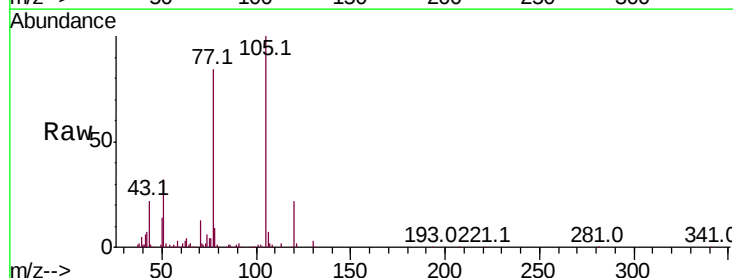
Ion Ratio Lower Upper

105 100

71 2.4 1.2 1.8#

51 31.7 27.2 40.8

120 21.6 16.9 25.3

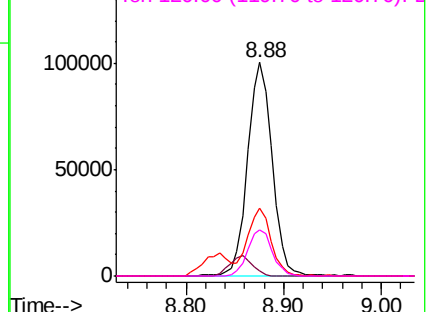


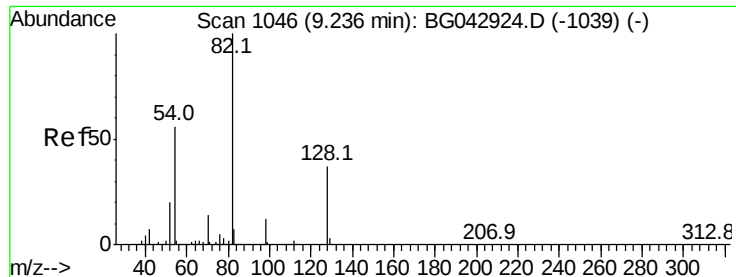
Abundance Ion 105.00 (104.70 to 105.70): E

150000 Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

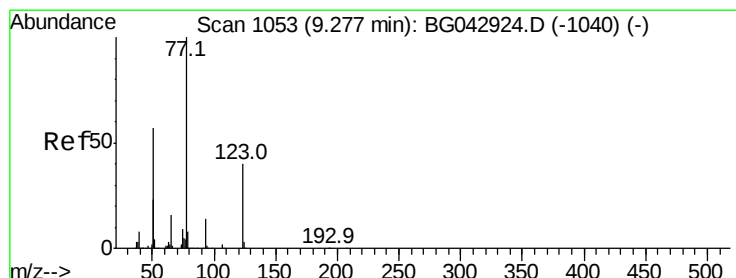
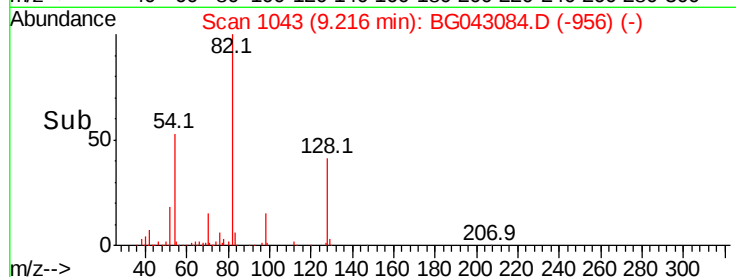
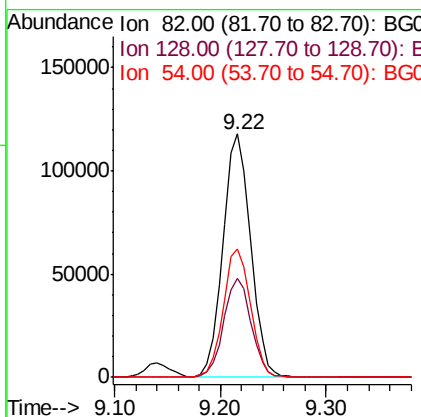
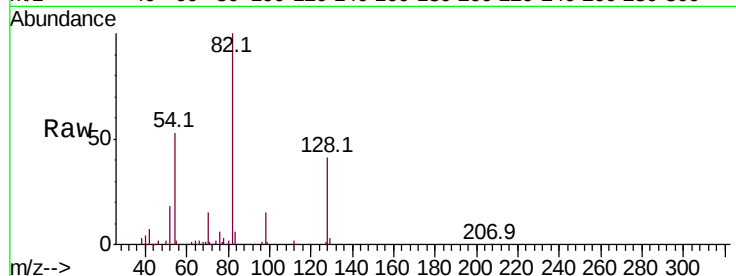




#23
 Nitrobenzene-d5
 Concen: 59.264 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BG043084.D
 Acq: 8 Oct 2019 14:11

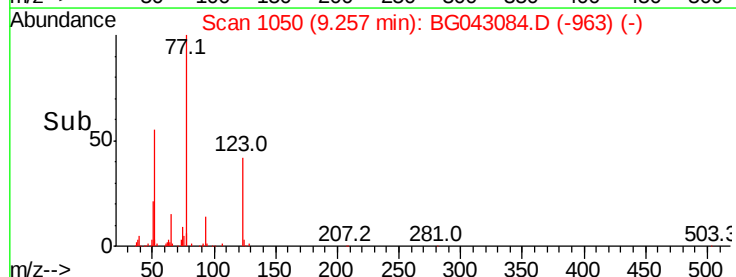
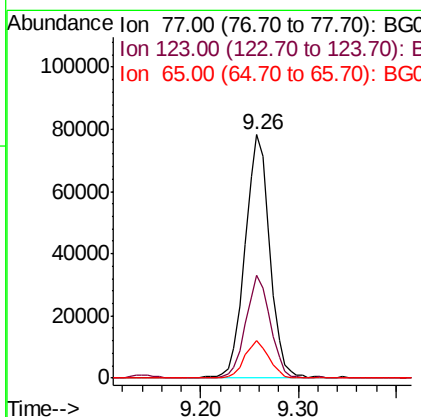
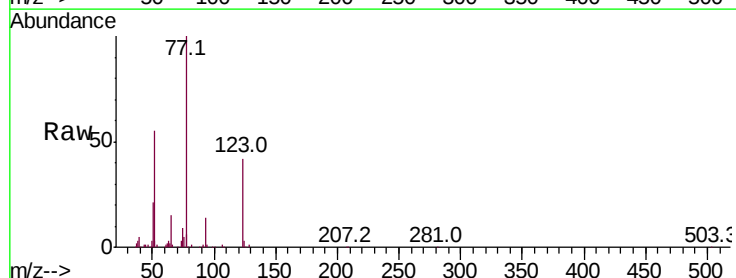
Instrument :
 BNA_G
 ClientSampleId :

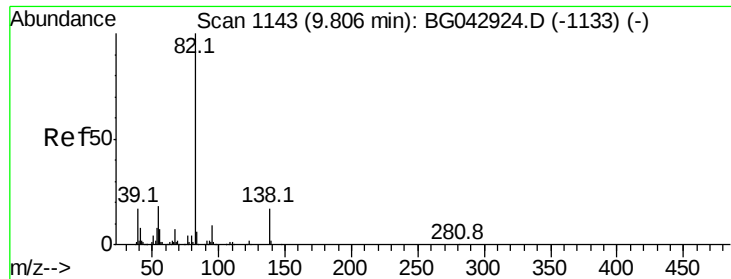
Tot Ion	82	Resp	213959
Ion Ratio	Lower	Upper	
82	100		
128	40.7	29.5	44.3
54	53.0	44.6	67.0



#24
 Nitrobenzene
 Concen: 40.327 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.02 min
 Lab File: BG043084.D
 Acq: 8 Oct 2019 14:11

Tgt Ion	77	Resp	138871
Ion Ratio	Lower	Upper	
77	100		
123	42.4	31.9	47.9
65	15.2	12.4	18.6





#25

Isophorone

Concen: 40.124 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.03 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

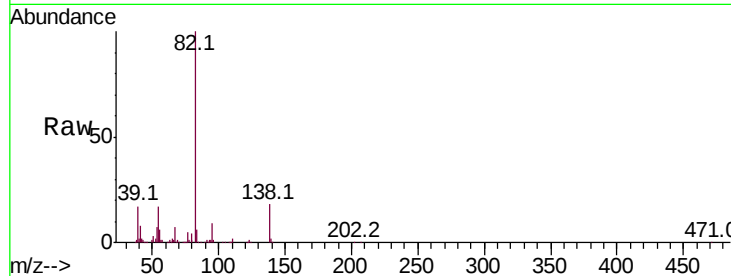
Tot Ion: 82 Resp: 254448

Ion Ratio Lower Upper

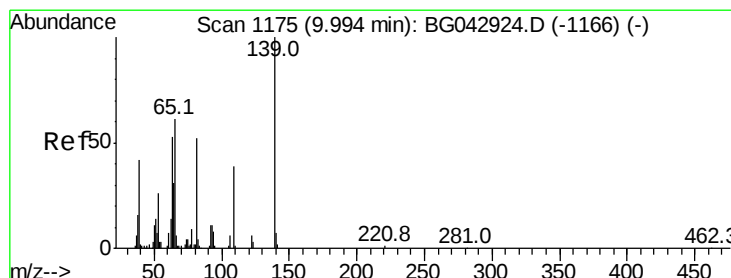
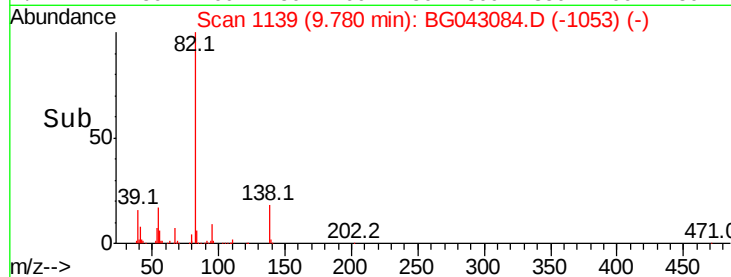
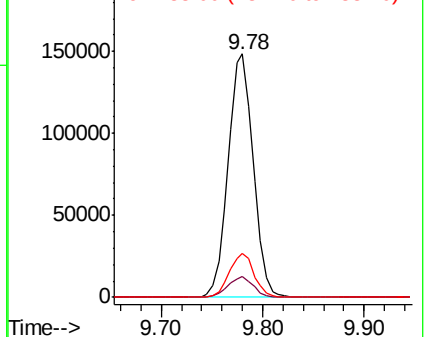
82 100

95 8.8 7.0 10.4

138 17.9 13.8 20.6



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: 46.479 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.03 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

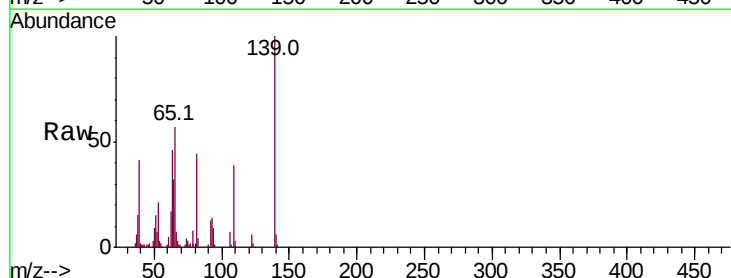
Tgt Ion: 139 Resp: 68137

Ion Ratio Lower Upper

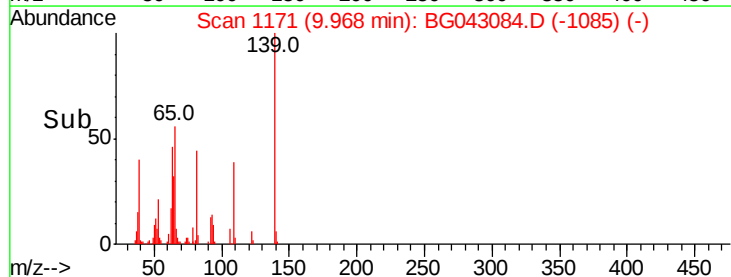
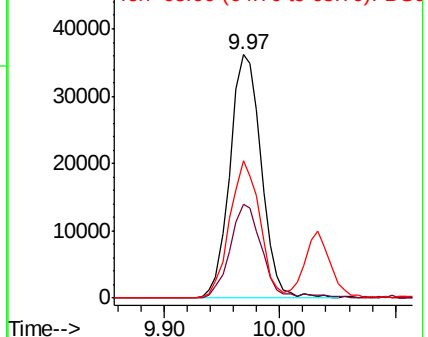
139 100

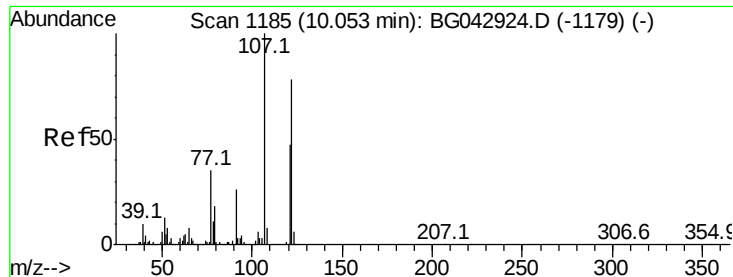
109 38.7 31.0 46.6

65 56.6 48.4 72.6



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

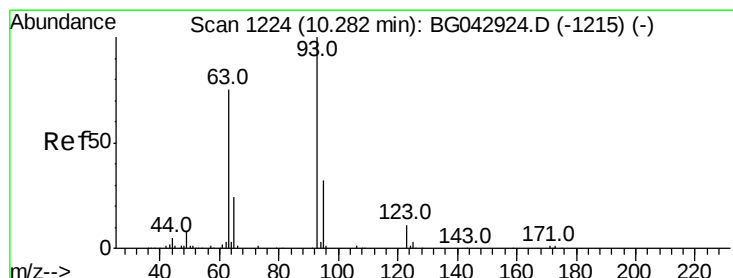
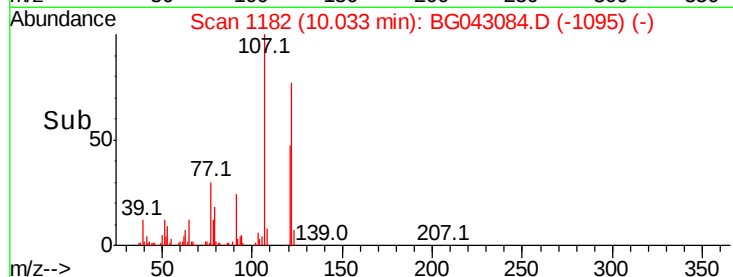
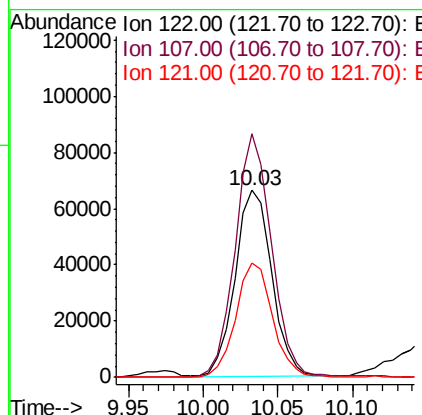
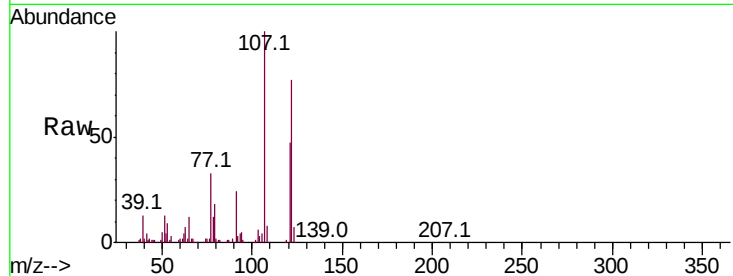




#27
2,4-Dimethylphenol
Concen: 50.583 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

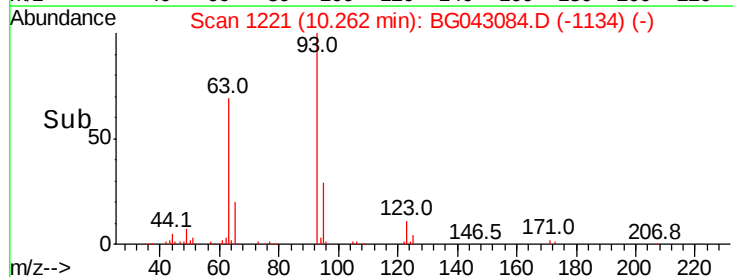
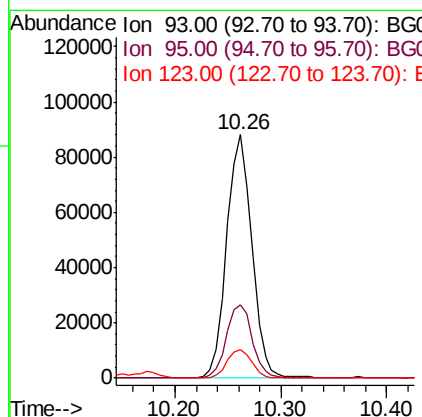
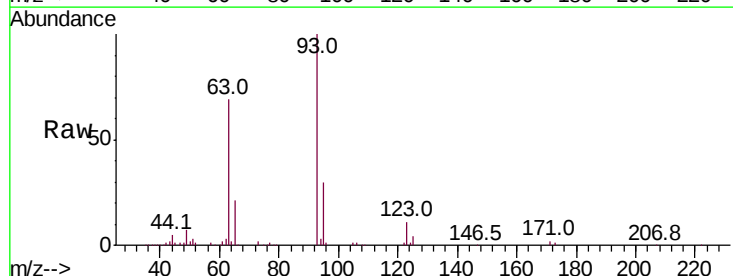
Instrument :
BNA_G
ClientSampleId :

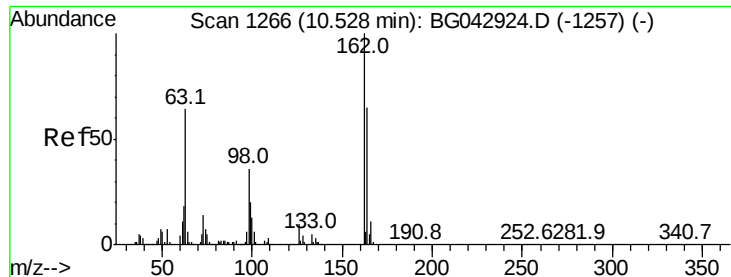
Tot Ion	Ratio	Lower	Upper
122	100		
107	130.3	102.2	153.2
121	61.3	48.5	72.7



#28
bis(2-Chloroethoxy)methane
Concen: 40.617 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.0	25.4	38.0
123	11.5	9.3	13.9

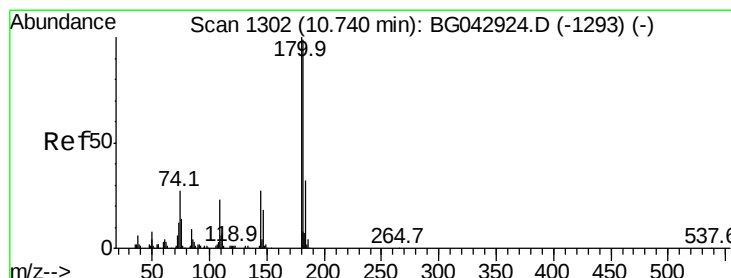
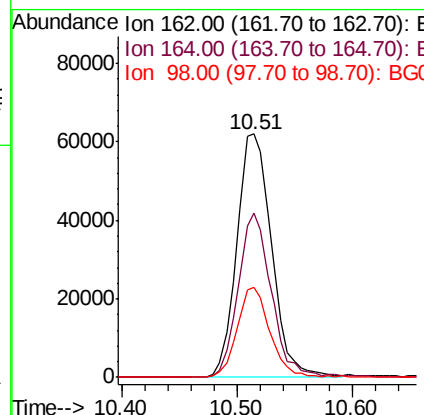
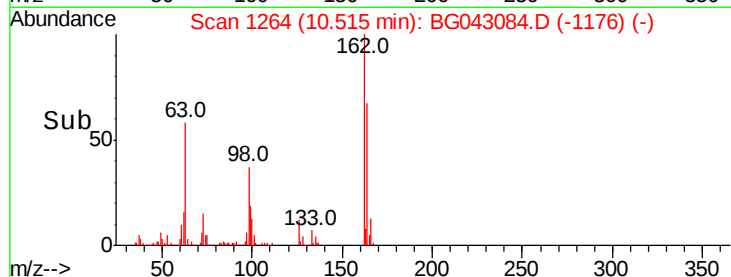
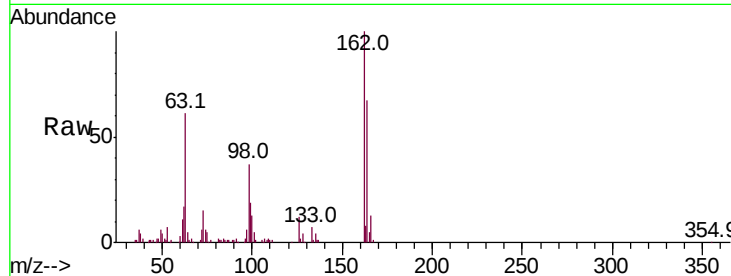




#29
 2,4-Dichlorophenol
 Concen: 46.268 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043084.D
 Acq: 8 Oct 2019 14:11

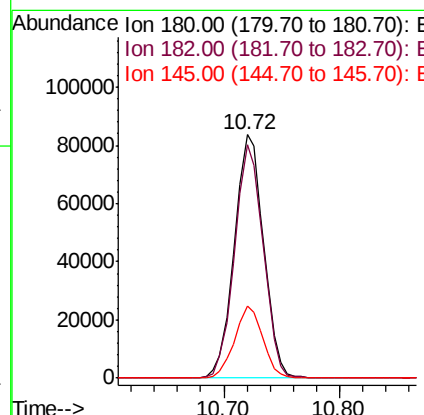
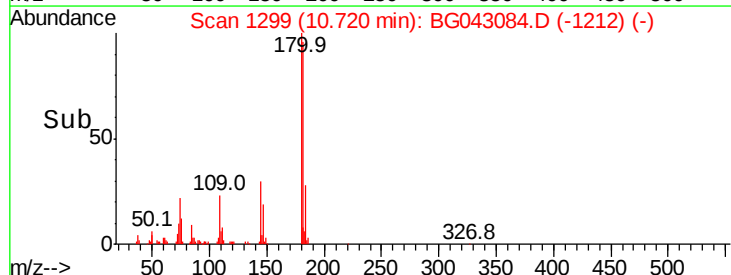
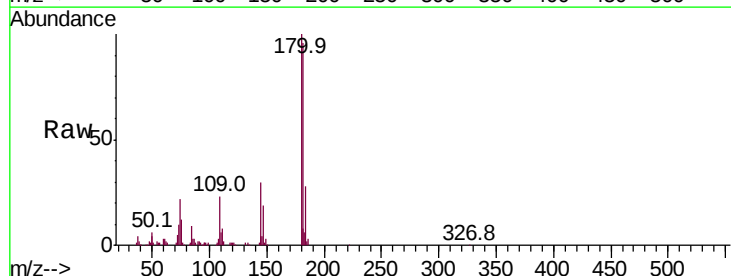
Instrument :
 BNA_G
 ClientSampleId :

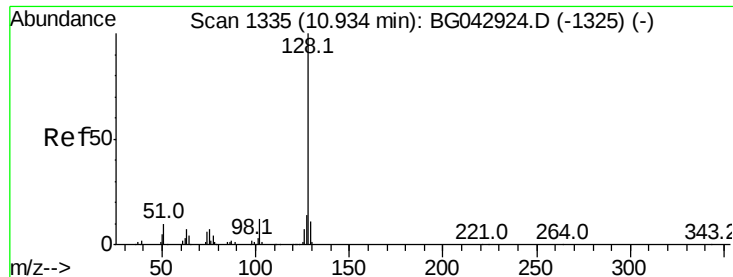
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.4	44.7	84.7
98	36.9	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.690 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG043084.D
 Acq: 8 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	79.3	118.9
145	29.8	22.0	33.0

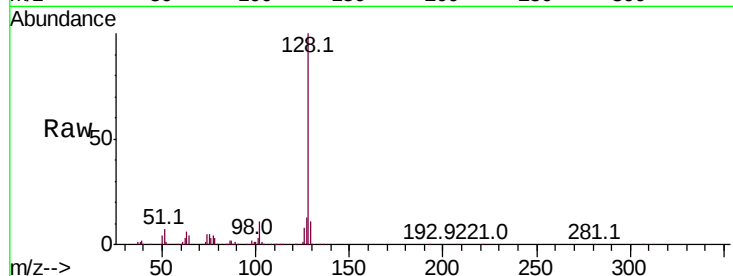




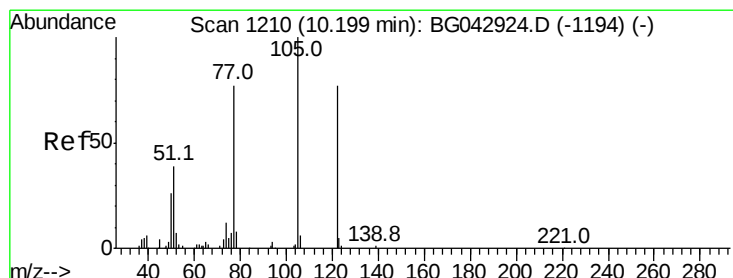
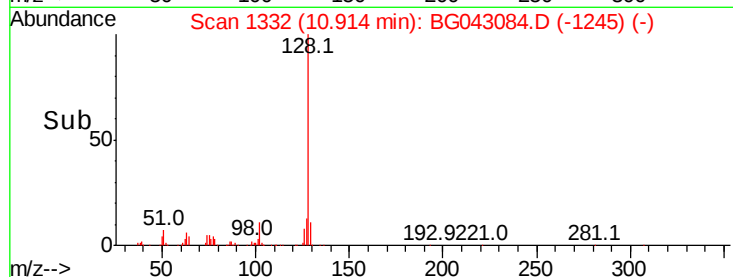
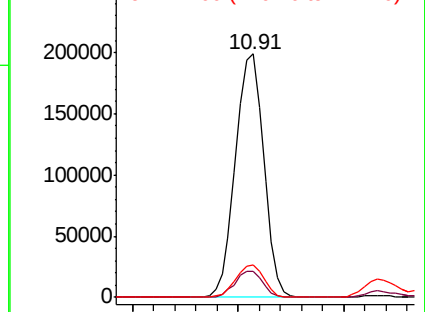
#31
Naphthalene
Concen: 42.816 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 369851
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.2 11.3 16.9

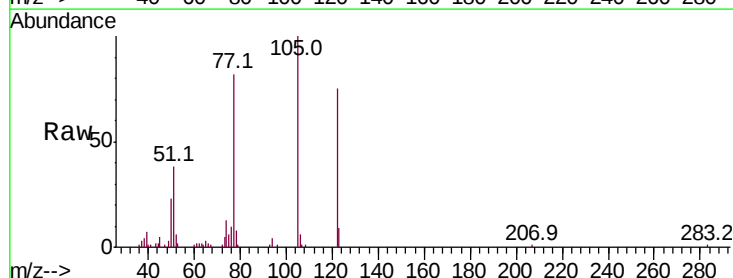


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

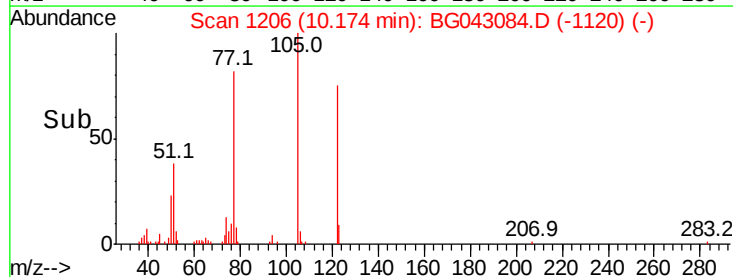
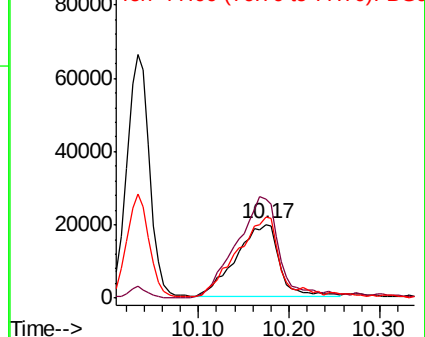


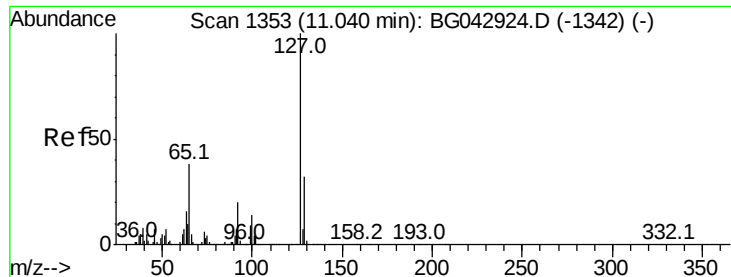
#32
Benzoic acid
Concen: 38.908 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.03 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Tgt Ion:122 Resp: 65302
Ion Ratio Lower Upper
122 100
105 133.5 107.5 147.5
77 109.1 79.8 119.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





#33

4-Chloroaniline

Concen: 11.659 ng

RT: 11.03 min Scan# 1352

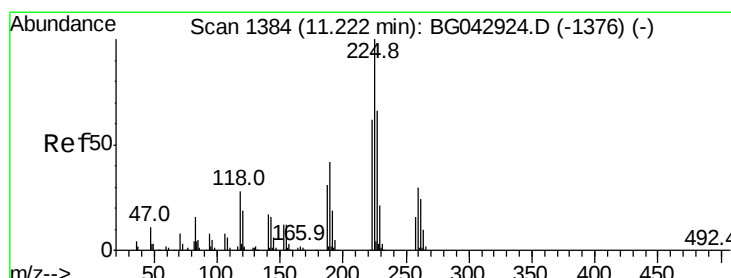
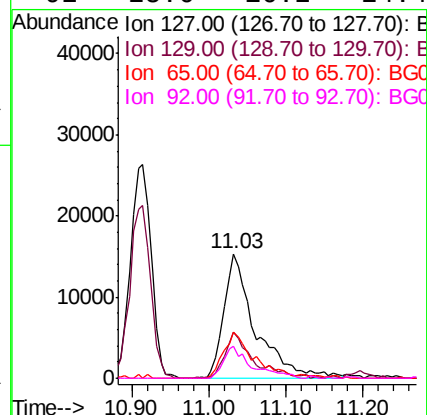
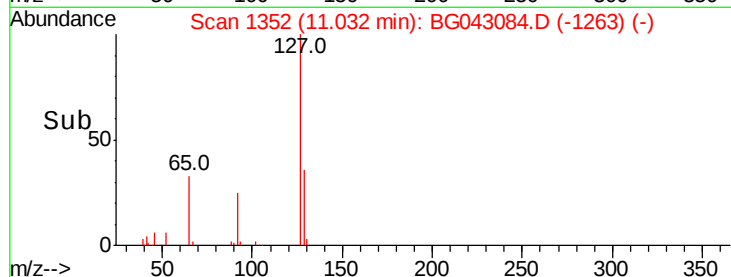
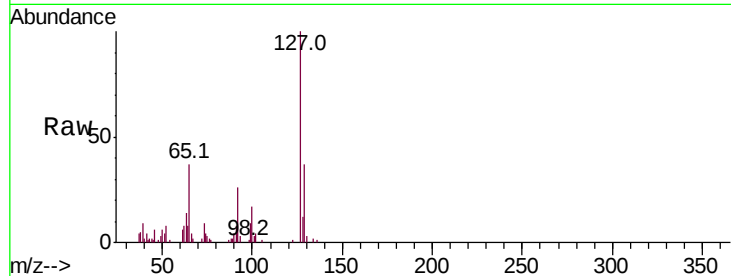
Delta R.T. -0.01 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	36.6	26.2	39.2
65	36.5	30.6	45.8
92	25.6	16.2	24.4



#34

Hexachlorobutadiene

Concen: 37.878 ng

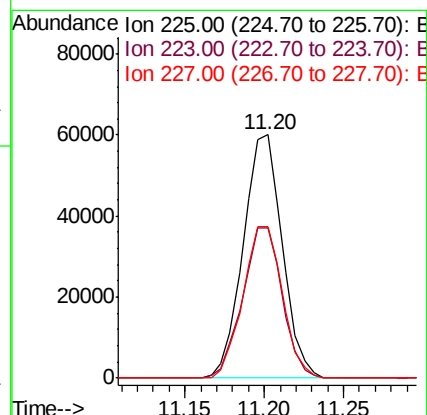
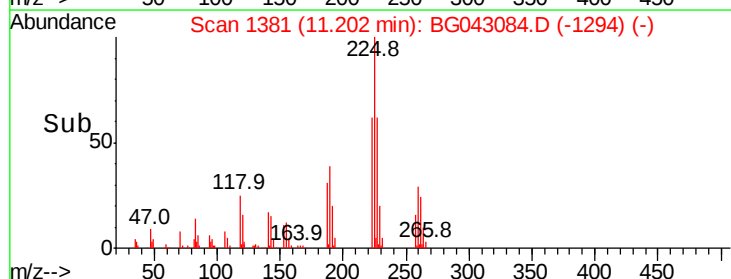
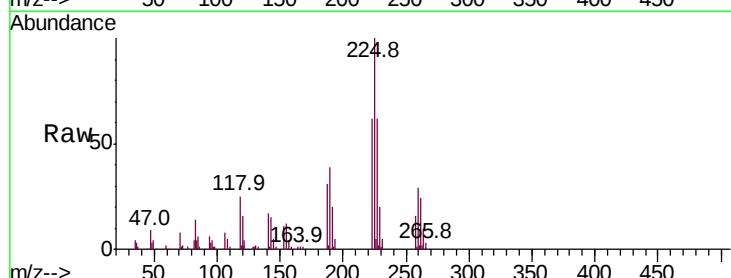
RT: 11.20 min Scan# 1381

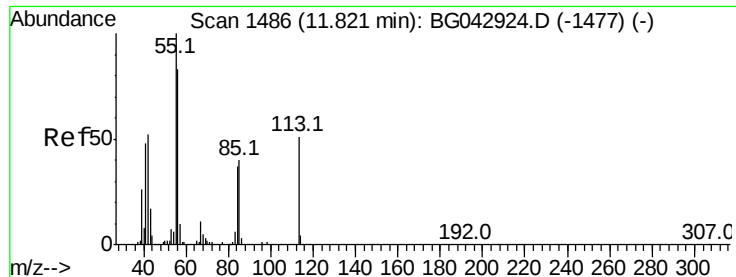
Delta R.T. -0.02 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.3	73.9
227	62.3	52.8	79.2

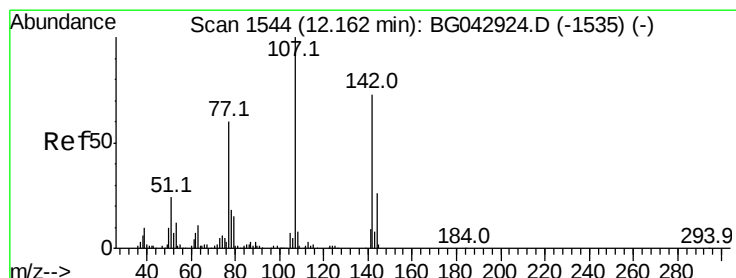
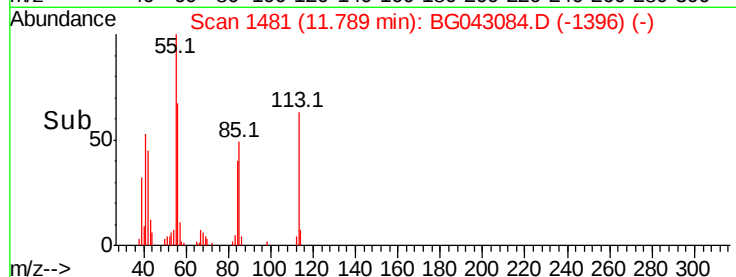
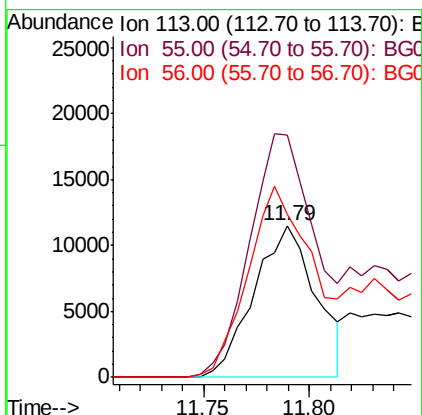
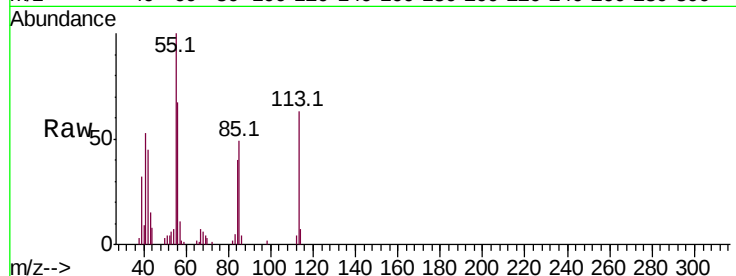




#35
 Caprolactam
 Concen: 23.781 ng
 RT: 11.79 min Scan# 1481
 Delta R.T. -0.03 min
 Lab File: BG043084.D
 Acq: 8 Oct 2019 14:11

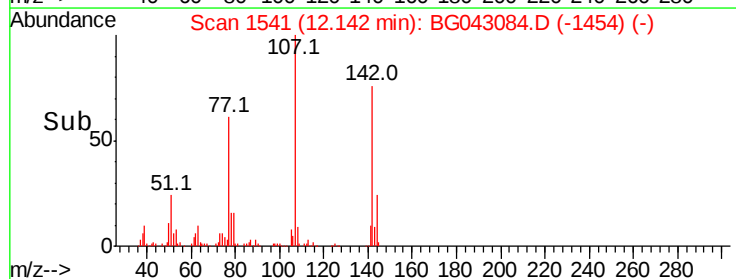
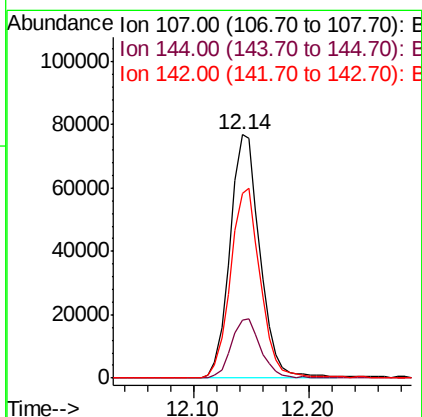
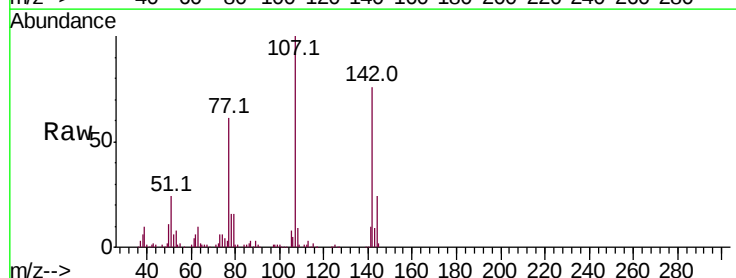
Instrument :
 BNA_G
 ClientSampleId :

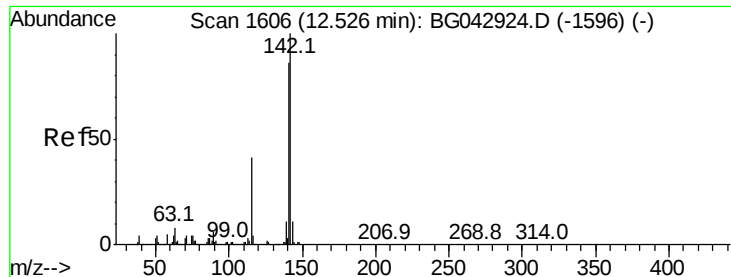
Tot Ion:113 Resp: 23481
 Ion Ratio Lower Upper
 113 100
 55 159.2 175.5 215.5#
 56 107.3 142.3 182.3#



#36
 4-Chloro-3-methylphenol
 Concen: 45.422 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. -0.02 min
 Lab File: BG043084.D
 Acq: 8 Oct 2019 14:11

Tgt Ion:107 Resp: 138279
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.7 31.1
 142 76.1 58.6 87.8

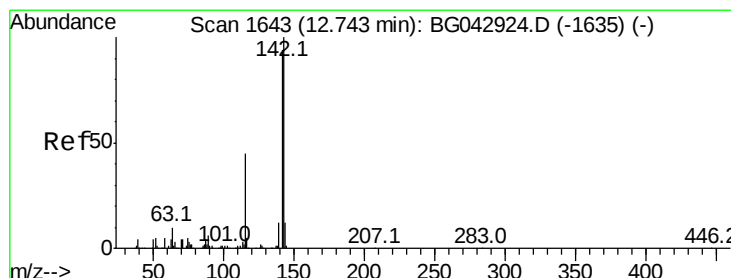
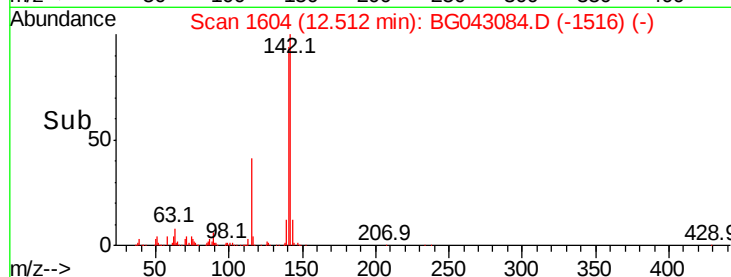
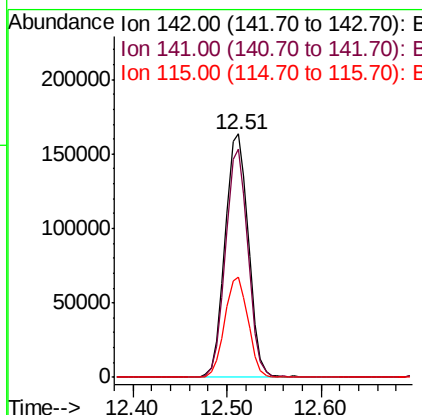
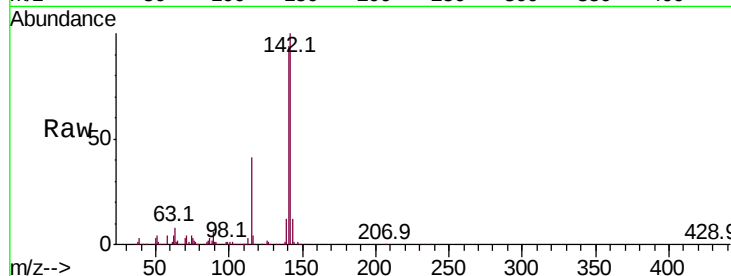




#37
2-Methylnaphthalene
Concen: 42.885 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

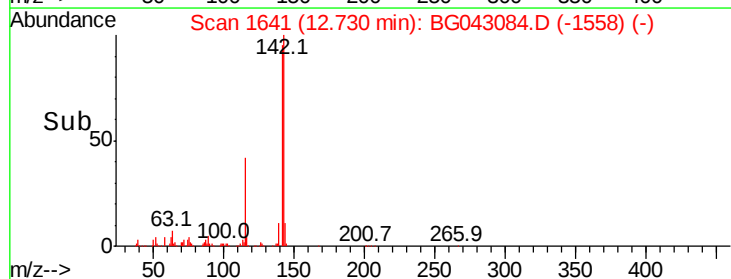
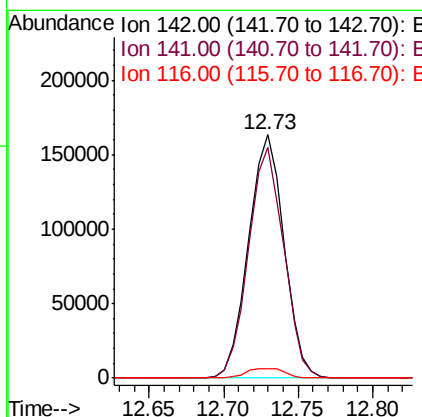
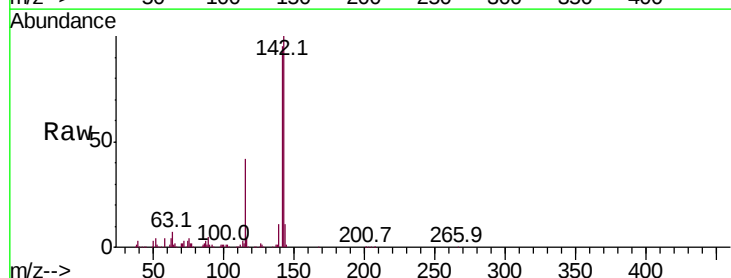
Instrument :
BNA_G
ClientSampleId :

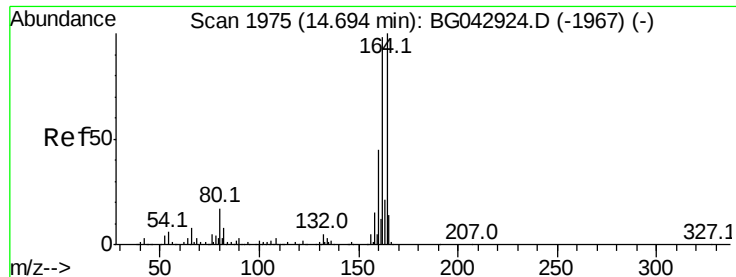
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.8	69.0	103.4
115	41.4	32.8	49.2



#38
1-Methylnaphthalene
Concen: 43.086 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	74.9	112.3
116	4.0	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampled :

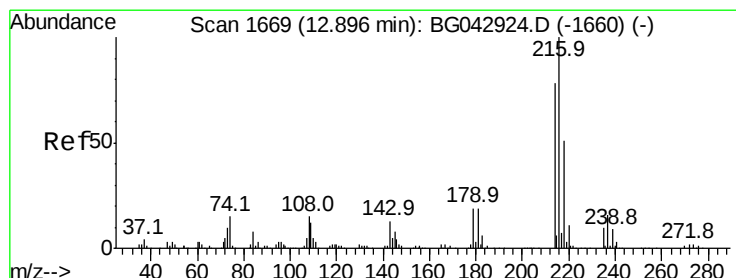
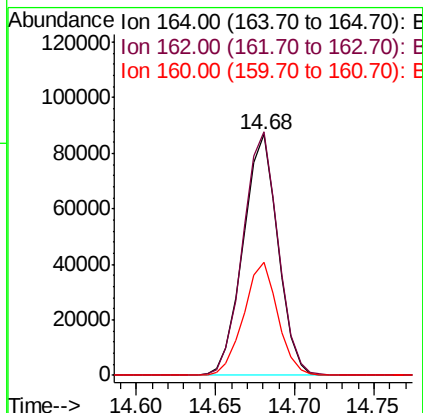
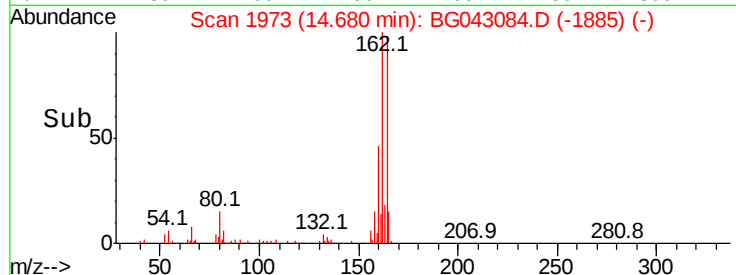
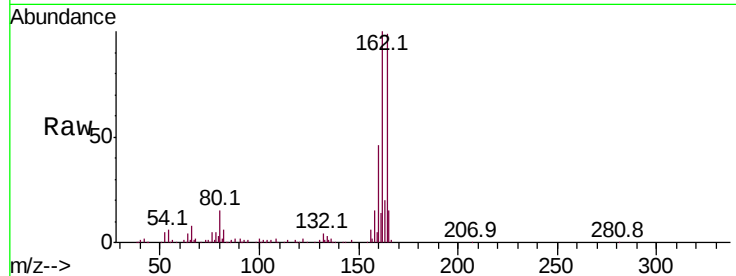
Tot Ion:164 Resp: 131974

Ion Ratio Lower Upper

164 100

162 101.3 78.5 117.7

160 46.9 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.693 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Tgt Ion:216 Resp: 182074

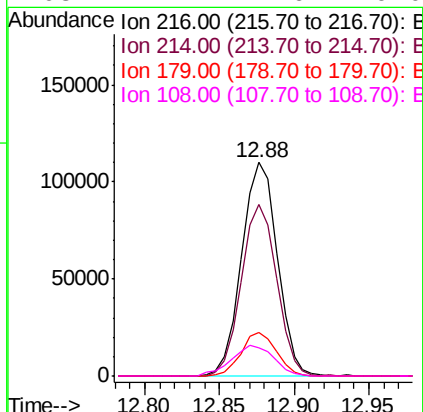
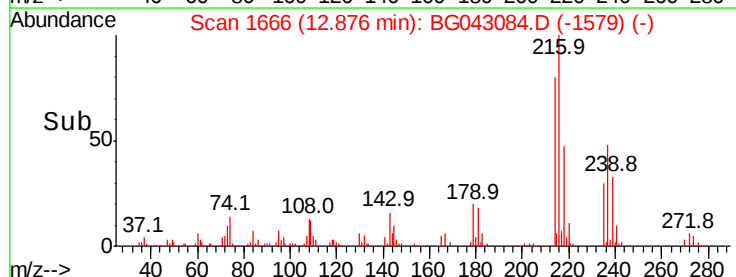
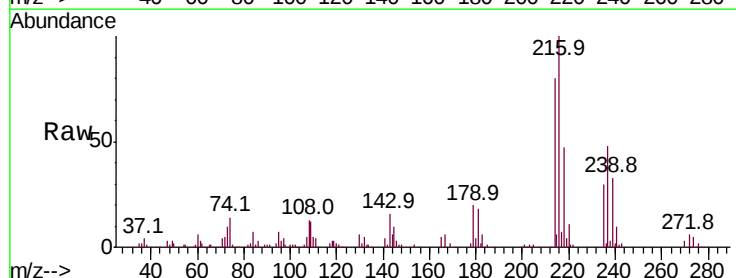
Ion Ratio Lower Upper

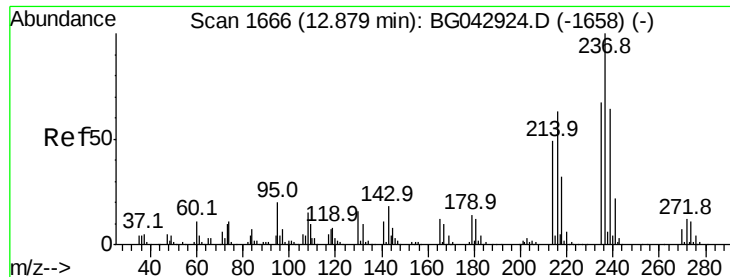
216 100

214 79.8 62.4 93.6

179 20.0 15.4 23.2

108 17.1 12.6 19.0





#41

Hexachlorocyclopentadiene

Concen: 86.338 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

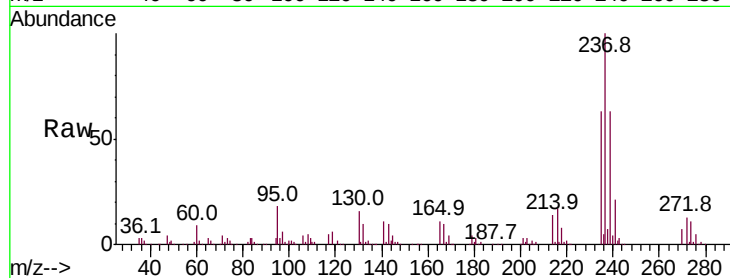
Tot Ion:237 Resp: 272969

Ion Ratio Lower Upper

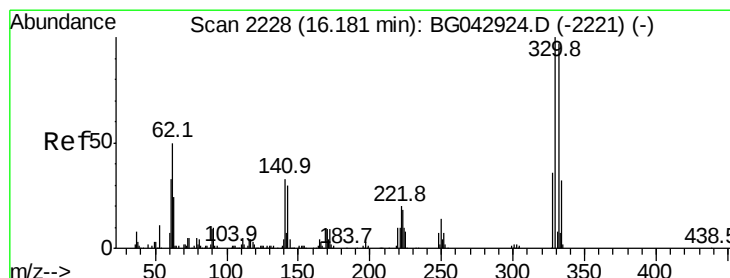
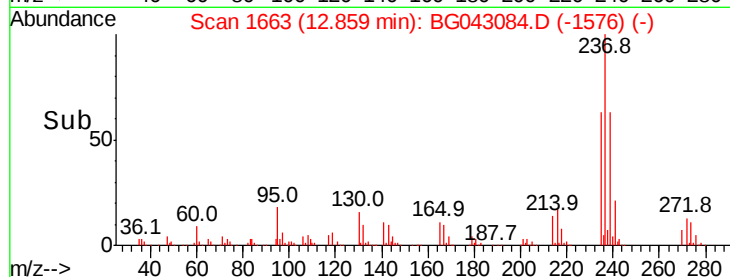
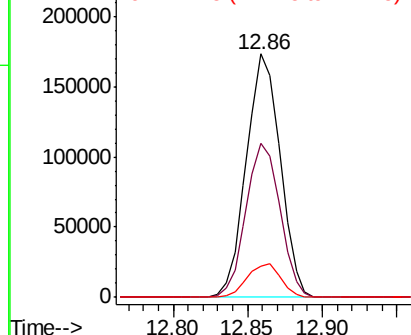
237 100

235 63.1 46.7 86.7

272 12.9 0.0 32.3



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: 120.232 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

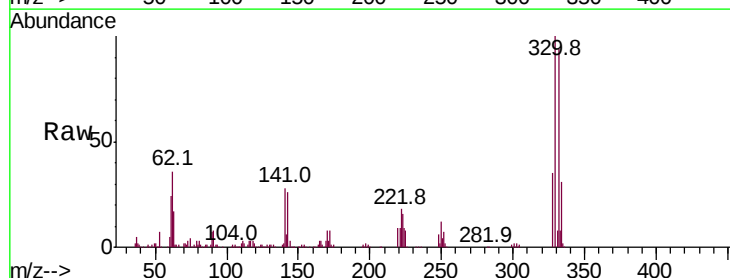
Tgt Ion:330 Resp: 272851

Ion Ratio Lower Upper

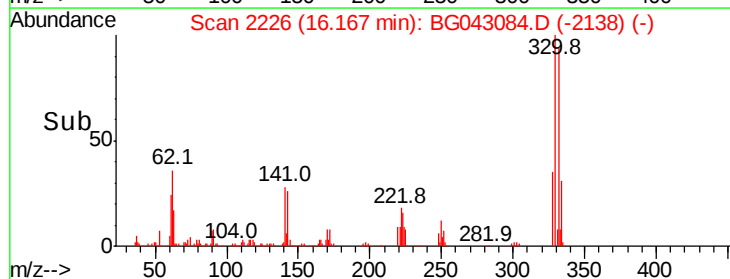
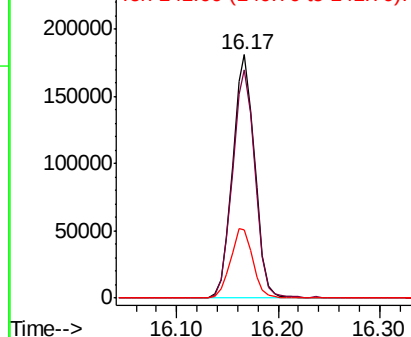
330 100

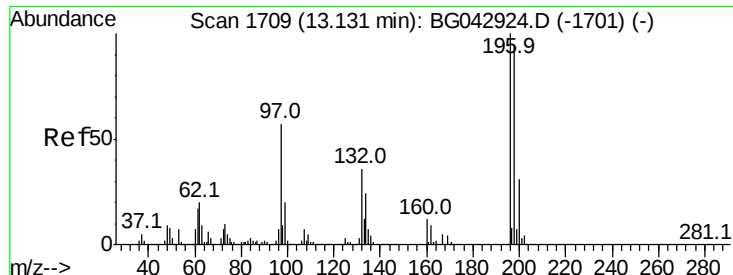
332 95.2 78.2 117.2

141 28.9 26.0 39.0



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: 42.553 ng

RT: 13.12 min Scan# 1707

Delta R.T. -0.01 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

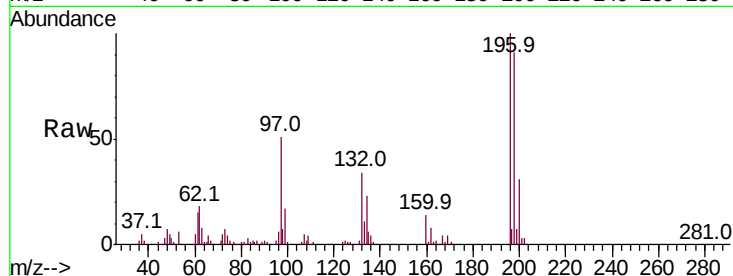
Instrument :

BNA_G

ClientSampleId :

Tot Ion:196 Resp: 123590

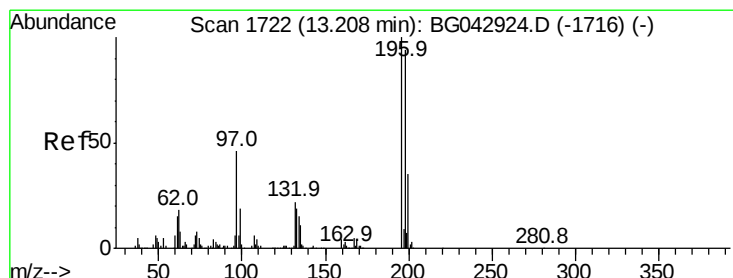
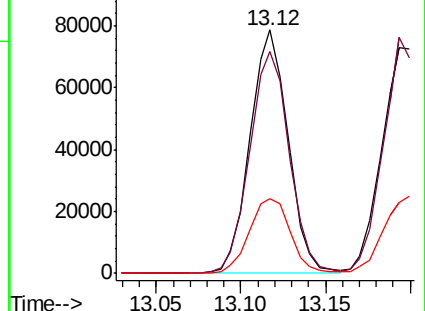
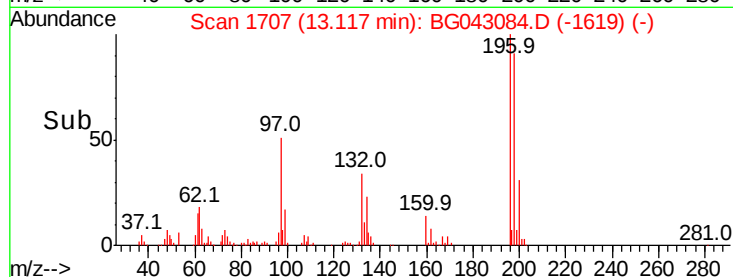
Ion	Ratio	Lower	Upper
196	100		
198	91.2	75.5	113.3
200	30.8	24.9	37.3



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 44.221 ng

RT: 13.19 min Scan# 1720

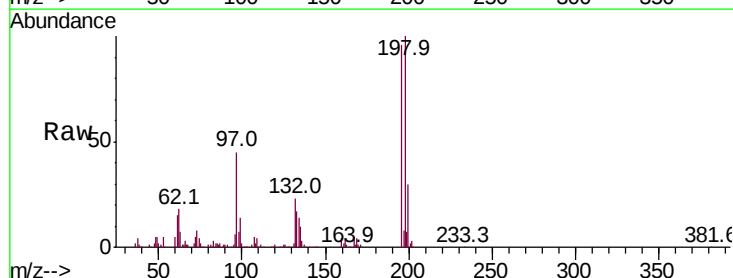
Delta R.T. -0.01 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Tgt Ion:196 Resp: 132305

Ion	Ratio	Lower	Upper
196	100		
198	104.1	75.1	112.7
97	47.1	37.0	55.4
132	24.1	17.5	26.3

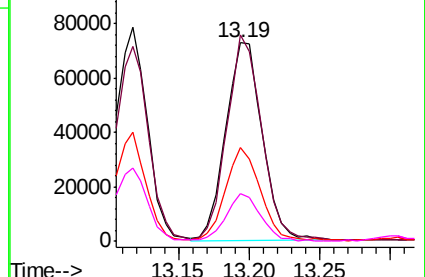
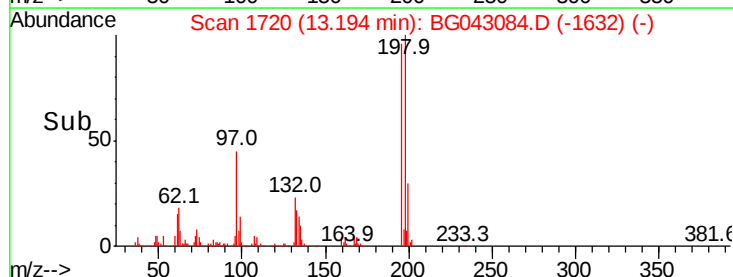


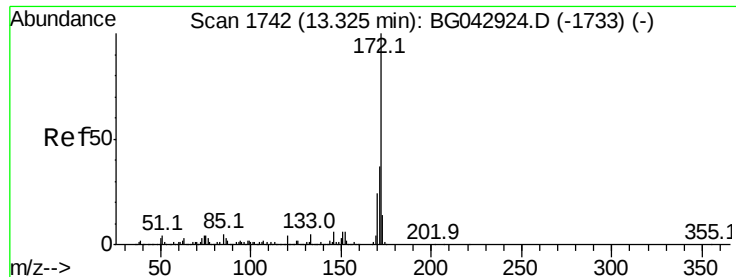
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

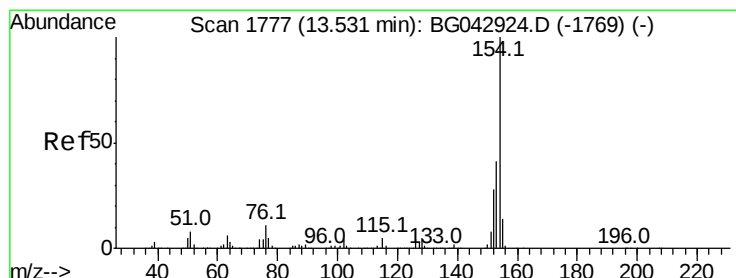
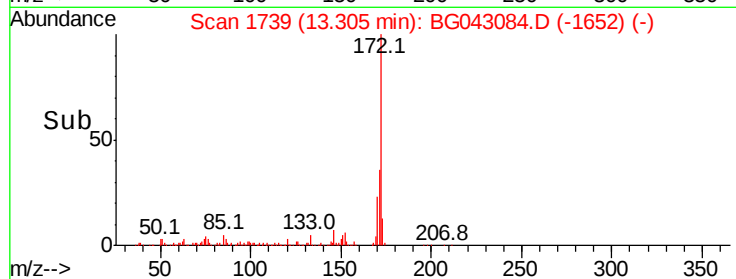
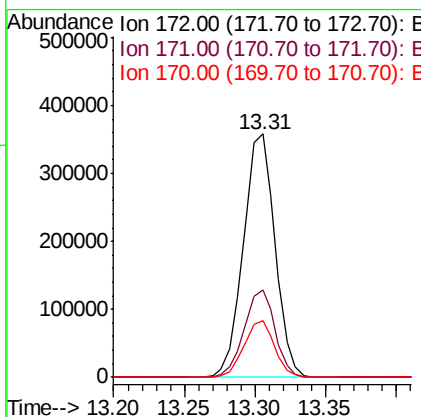
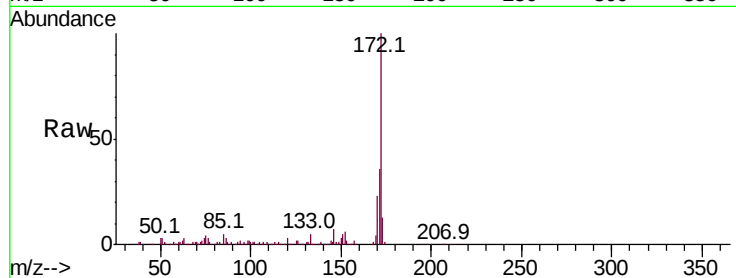




#45
2-Fluorobiphenyl
Concen: 61.939 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

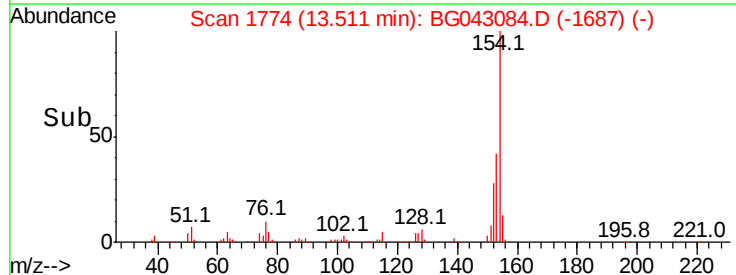
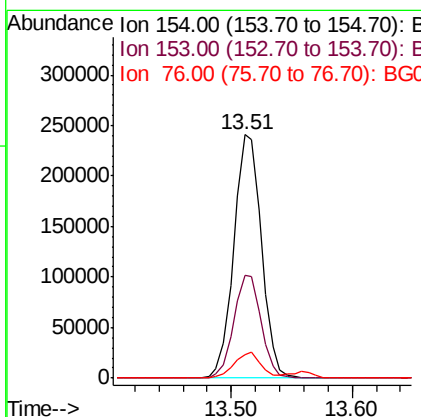
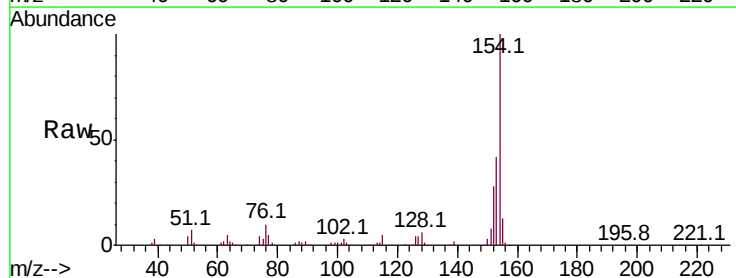
Instrument :
BNA_G
ClientSampleId :

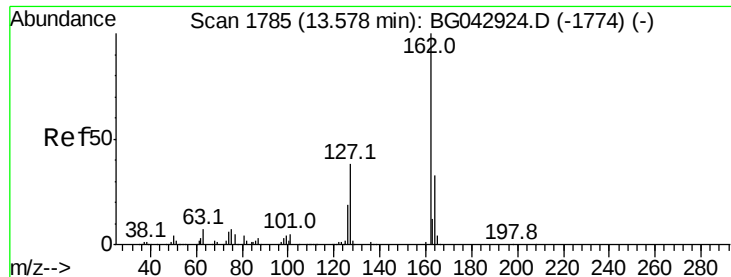
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.2	19.6	29.4



#46
1,1'-Biphenyl
Concen: 38.490 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.4	61.4
76	9.8	0.0	31.3

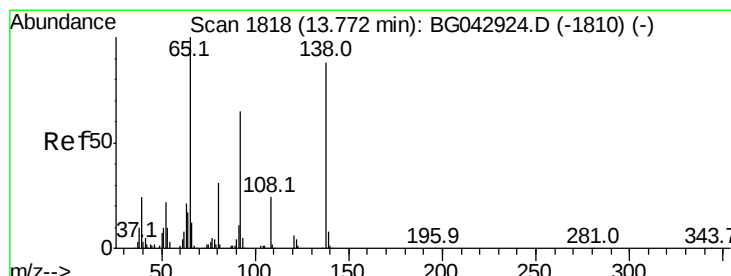
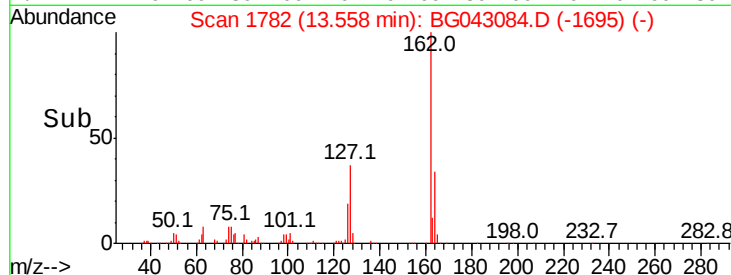
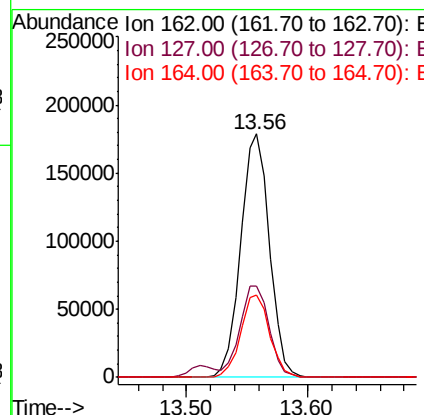
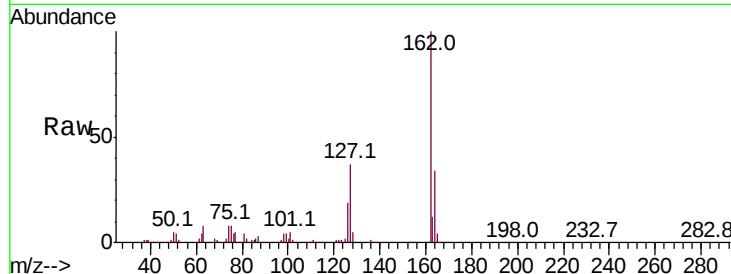




#47
 2-Chloronaphthalene
 Concen: 39.465 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.02 min
 Lab File: BG043084.D
 Acq: 8 Oct 2019 14:11

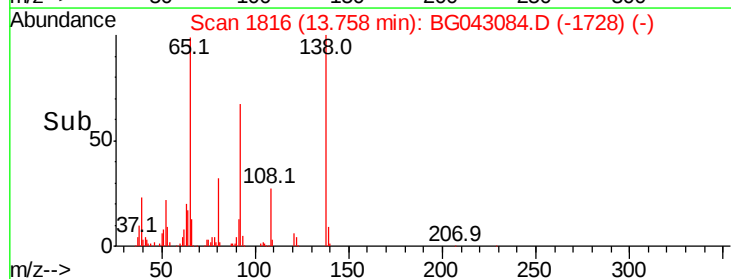
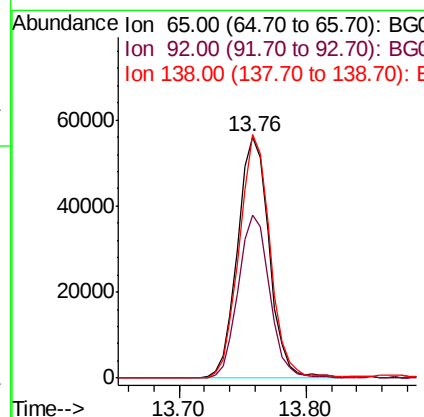
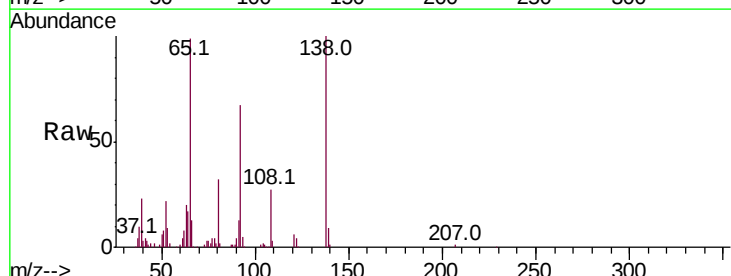
Instrument :
 BNA_G
 ClientSampled :

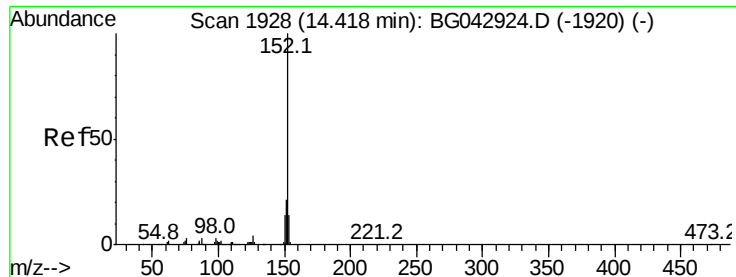
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	31.0	46.6
164	34.1	26.2	39.2



#48
 2-Nitroaniline
 Concen: 38.700 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG043084.D
 Acq: 8 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	52.0	78.0
138	100.8	70.4	105.6





#49

Acenaphthylene

Concen: 42.511 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

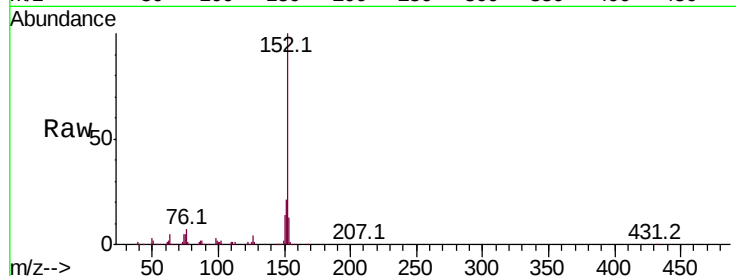
Tot Ion:152 Resp: 488099

Ion Ratio Lower Upper

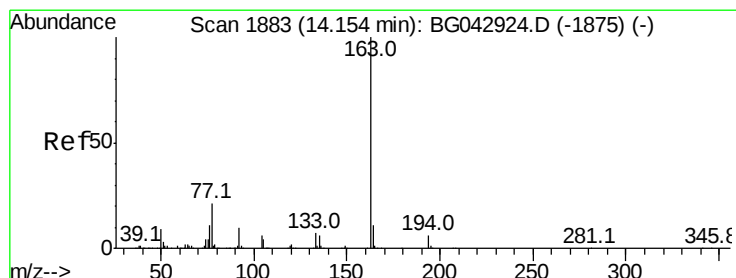
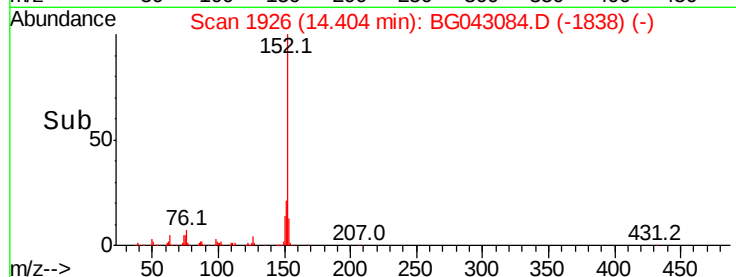
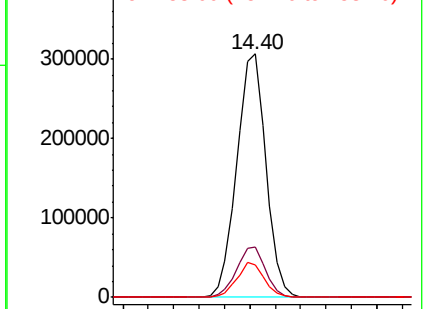
152 100

151 20.8 16.8 25.2

153 13.3 11.3 16.9



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: 40.775 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

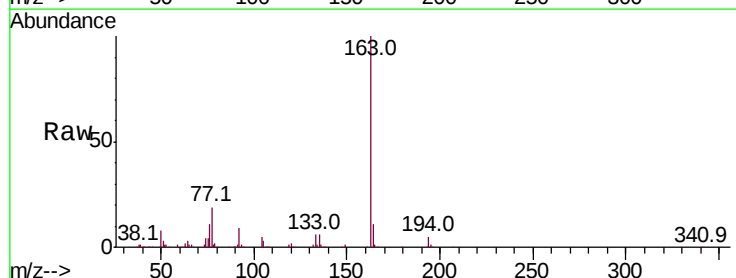
Tgt Ion:163 Resp: 403196

Ion Ratio Lower Upper

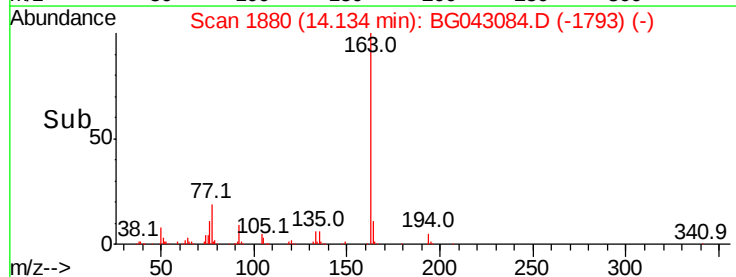
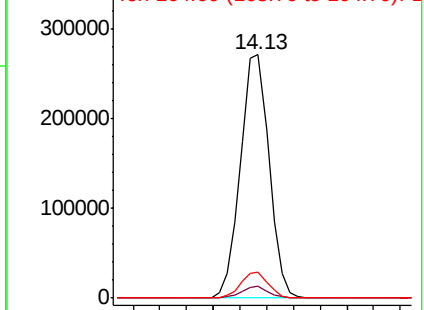
163 100

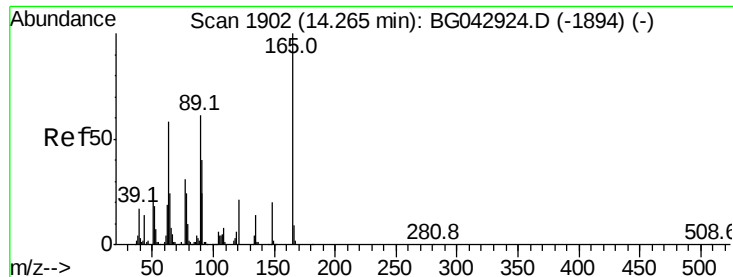
194 4.8 4.4 6.6

164 10.9 8.6 12.8



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

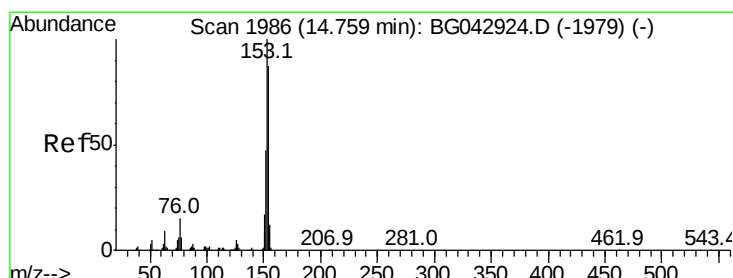
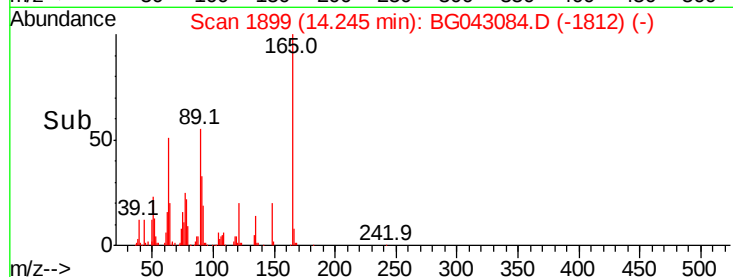
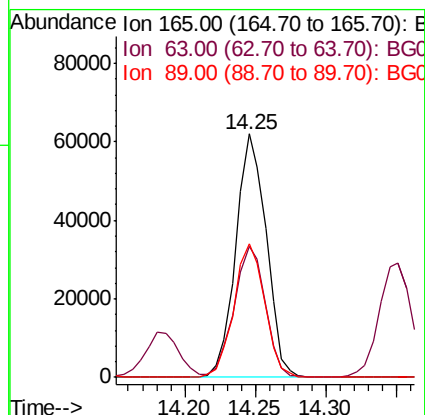
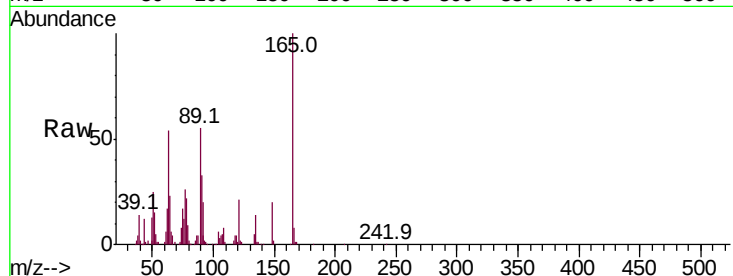




#51
 2,6-Dinitrotoluene
 Concen: 44.294 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. -0.02 min
 Lab File: BG043084.D
 Acq: 8 Oct 2019 14:11

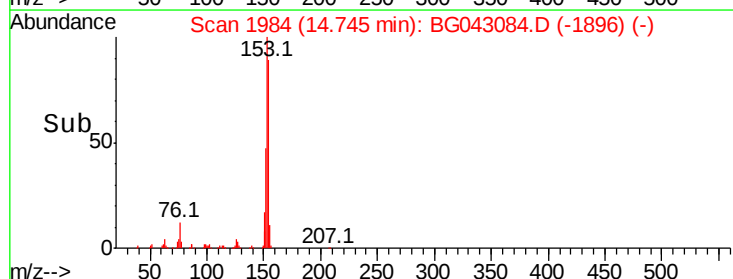
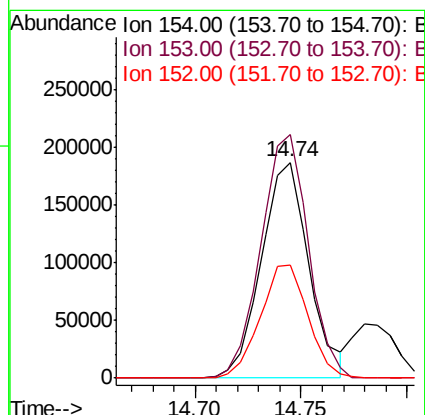
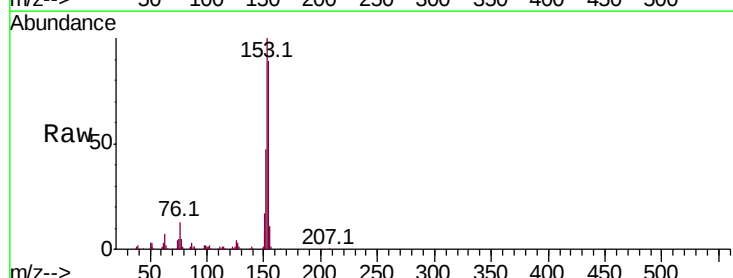
Instrument :
 BNA_G
 ClientSampleId :

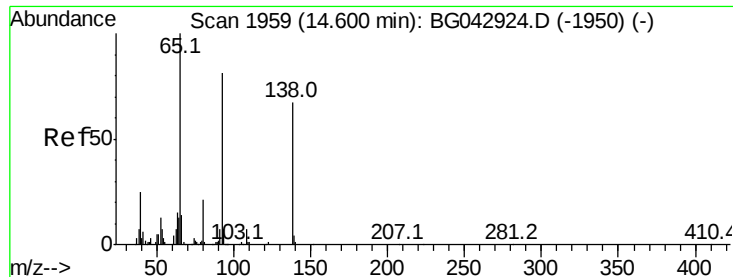
Tot Ion:165 Resp: 93273
 Ion Ratio Lower Upper
 165 100
 63 53.6 50.3 75.5
 89 54.6 48.9 73.3



#52
 Acenaphthene
 Concen: 38.168 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BG043084.D
 Acq: 8 Oct 2019 14:11

Tgt Ion:154 Resp: 293331
 Ion Ratio Lower Upper
 154 100
 153 112.8 91.4 137.0
 152 52.5 42.8 64.2





#53

3-Nitroaniline

Concen: 26.962 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

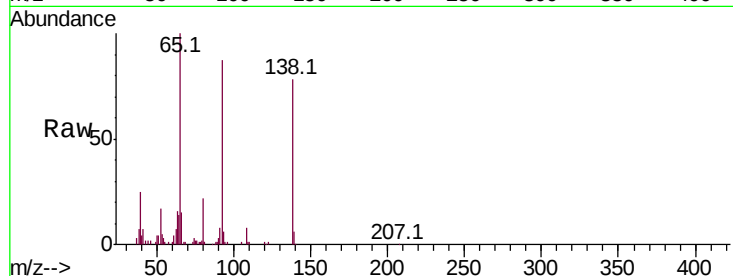
Tot Ion:138 Resp: 58675

Ion Ratio Lower Upper

138 100

108 10.4 7.9 11.9

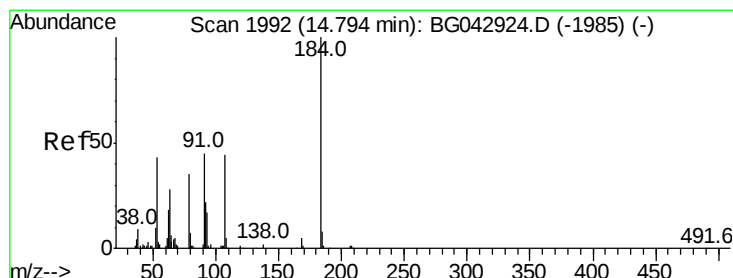
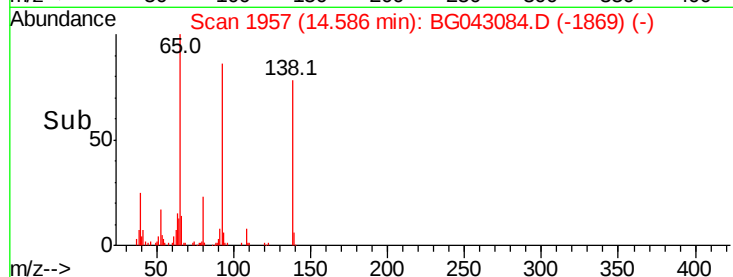
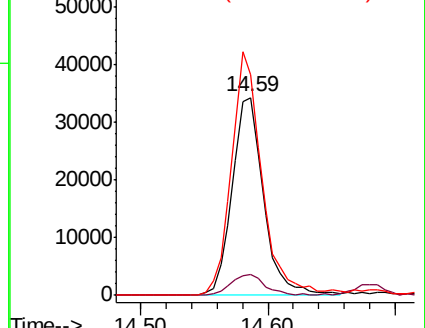
92 111.4 97.0 145.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 88.115 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

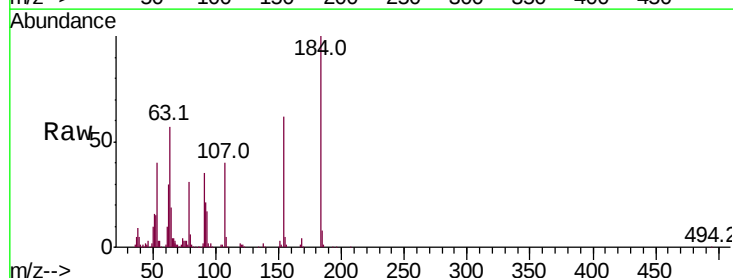
Tgt Ion:184 Resp: 115335

Ion Ratio Lower Upper

184 100

63 57.2 55.0 82.6

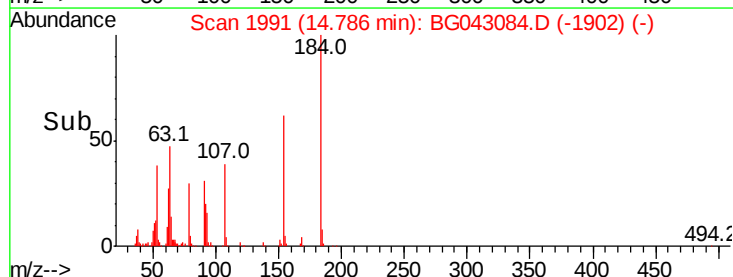
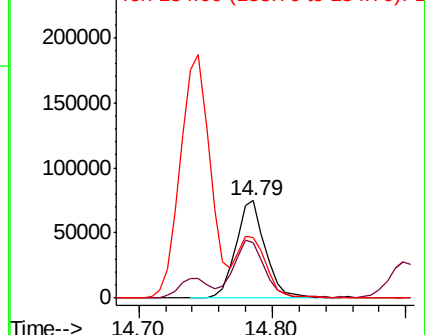
154 61.8 56.5 84.7

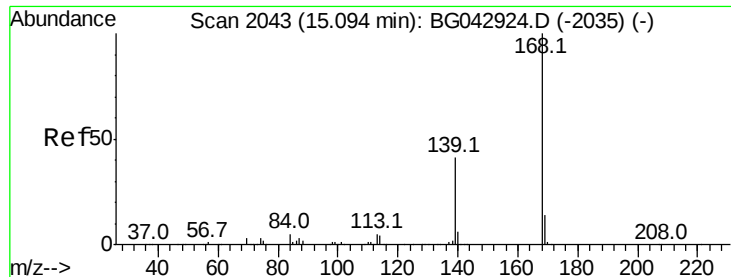


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

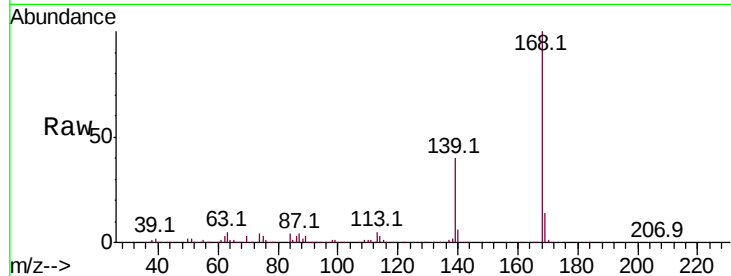




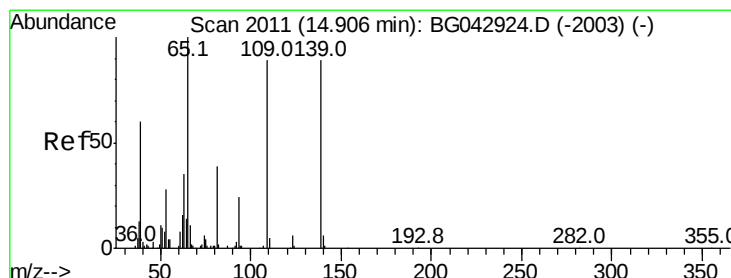
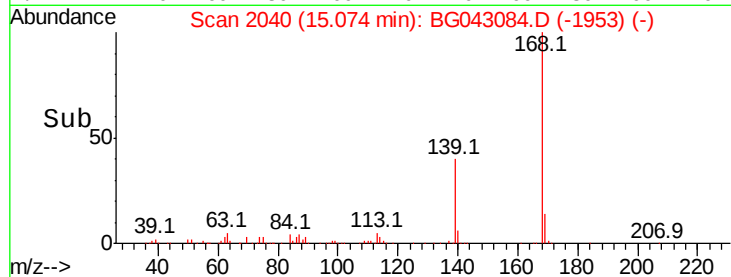
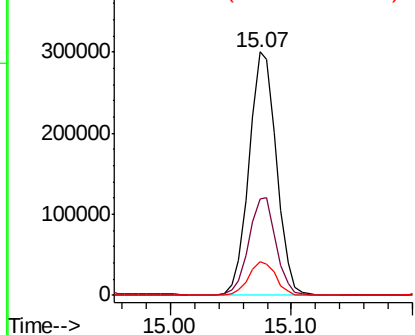
#55
Dibenzofuran
Concen: 41.914 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 476508
Ion Ratio Lower Upper
168 100
139 39.8 32.6 48.8
169 13.6 11.2 16.8

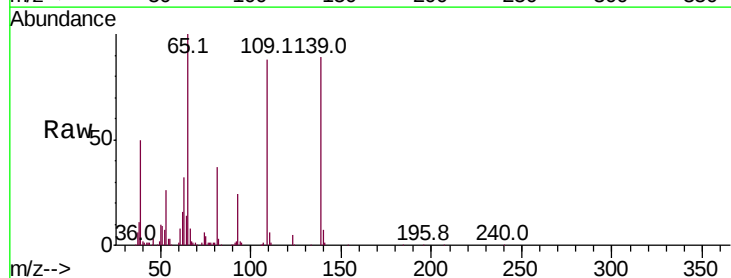


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

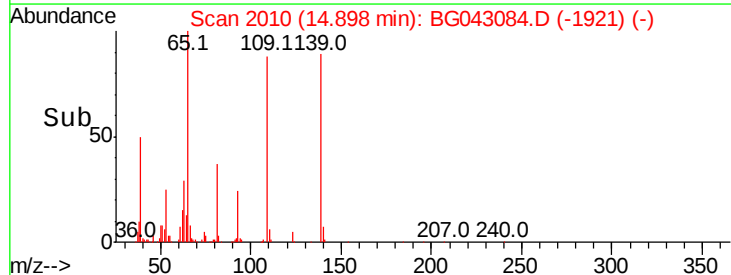
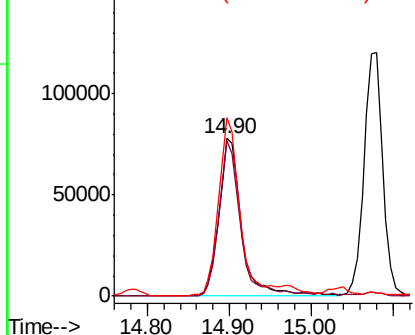


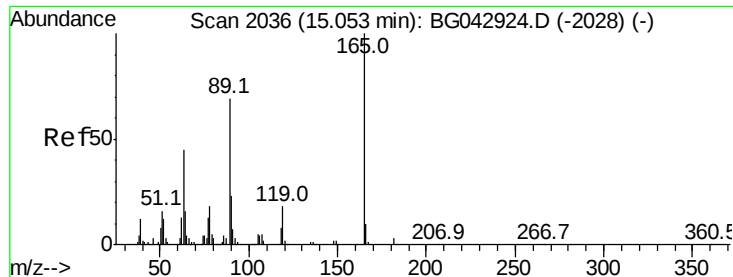
#56
4-Nitrophenol
Concen: 90.610 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Tgt Ion:139 Resp: 150244
Ion Ratio Lower Upper
139 100
109 98.7 79.4 119.4
65 112.8 92.5 132.5



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

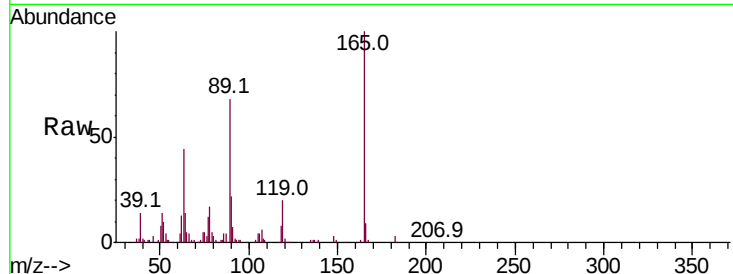




#57
2,4-Dinitrotoluene
Concen: 43.633 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.8	36.5	54.7
89	67.7	55.5	83.3
182	2.8	2.4	3.6

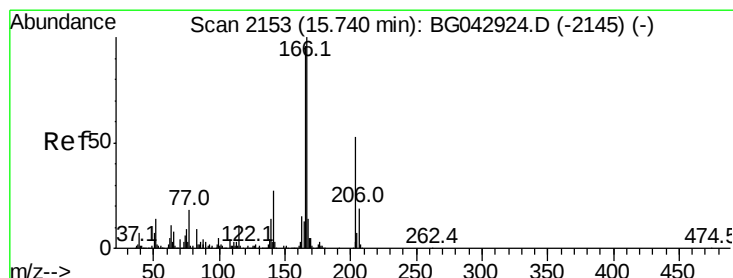
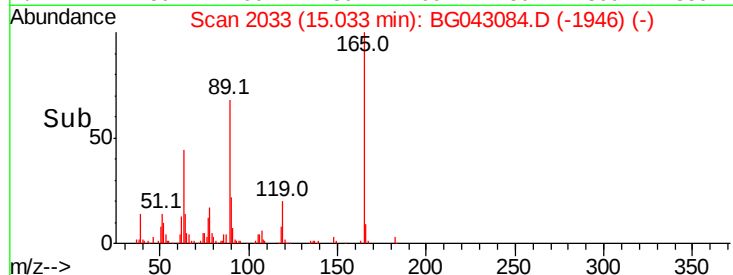
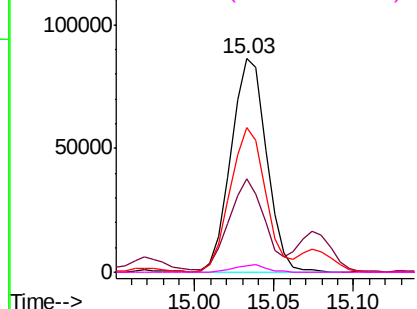


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

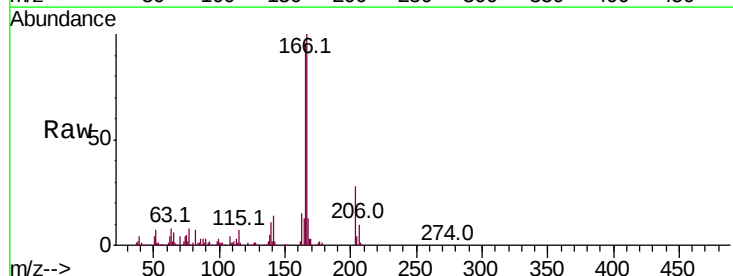
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.748 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

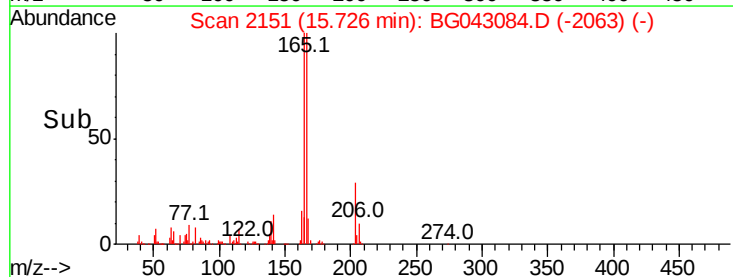
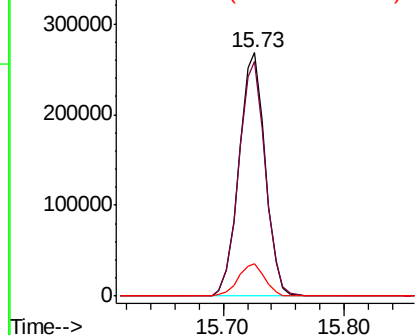
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.1	115.7
167	13.1	11.0	16.6

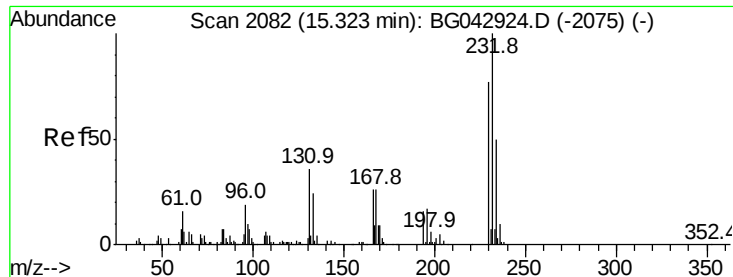


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

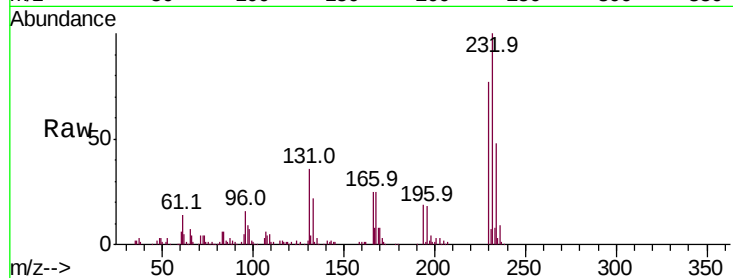




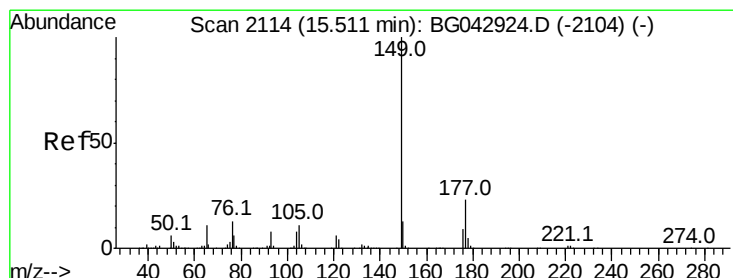
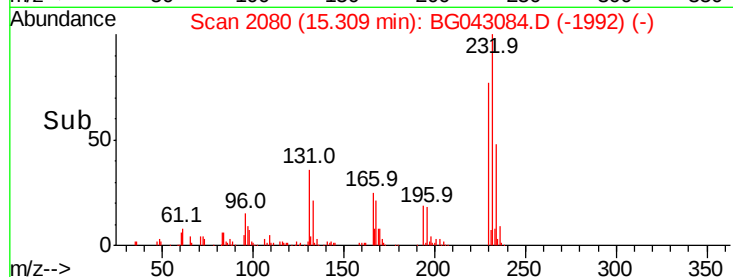
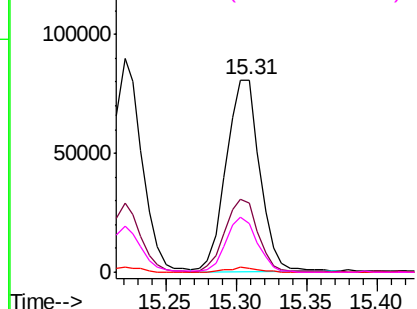
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.954 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	133650
Ion	Ratio	Lower	Upper
232	100		
131	38.1	29.6	44.4
130	2.5	1.9	2.9
166	27.1	21.8	32.8

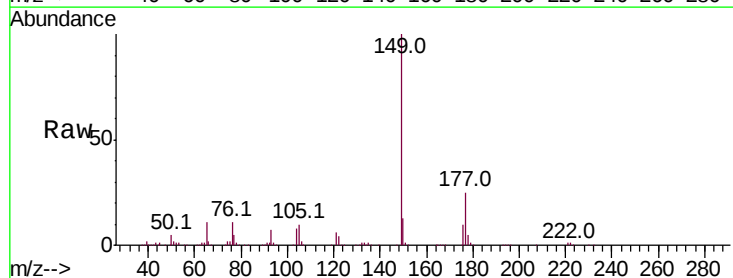


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

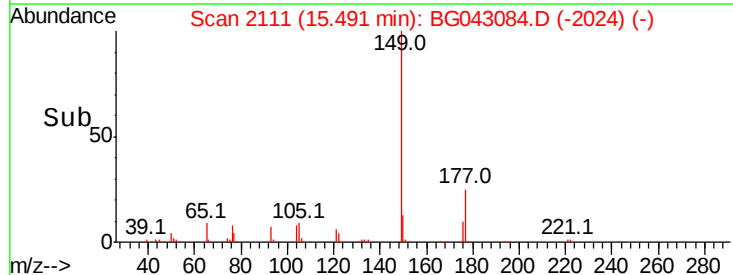
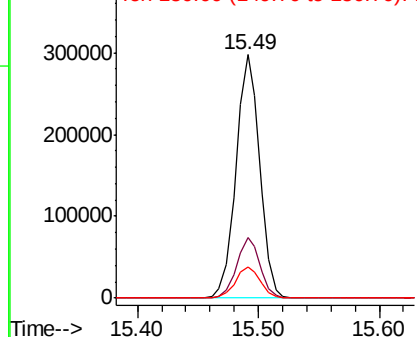


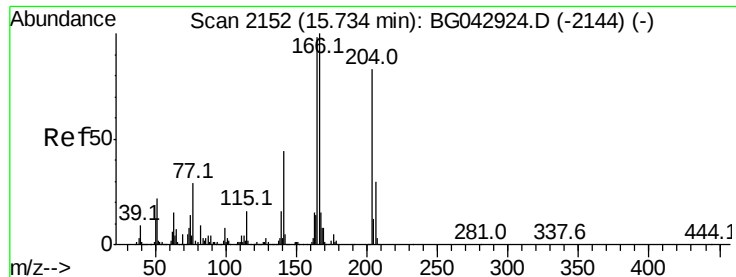
#60
Diethylphthalate
Concen: 40.312 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Tgt Ion:	149	Resp:	405675
Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.8	28.2
150	12.5	10.6	15.8



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

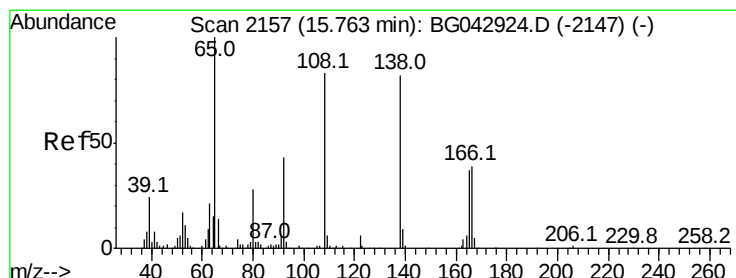
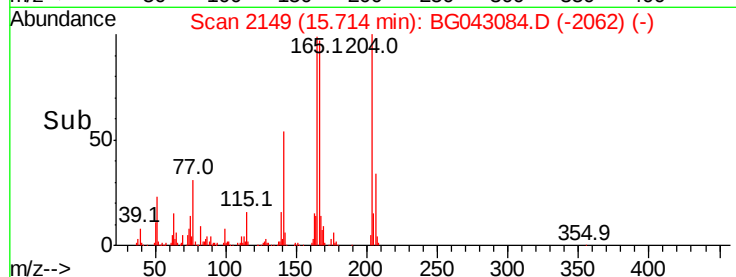
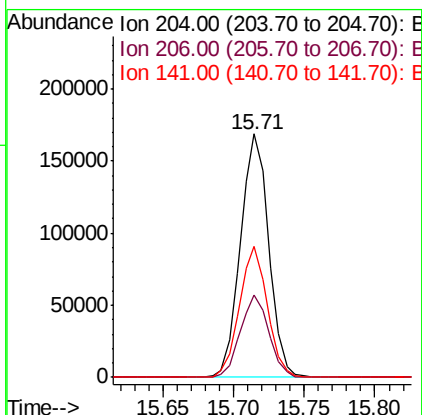
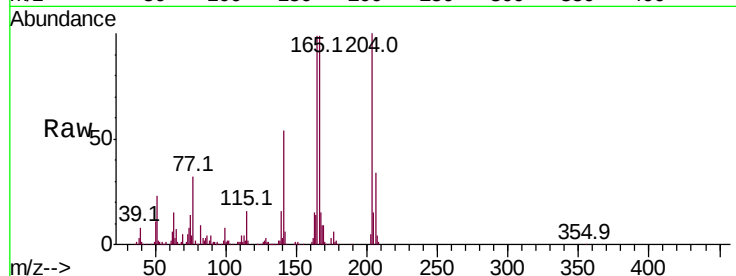




#61
4-Chlorophenyl-phenylether
Concen: 40.585 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

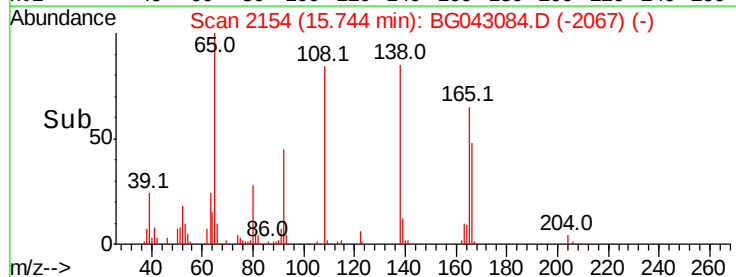
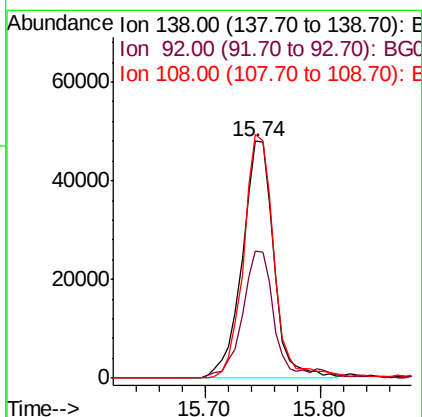
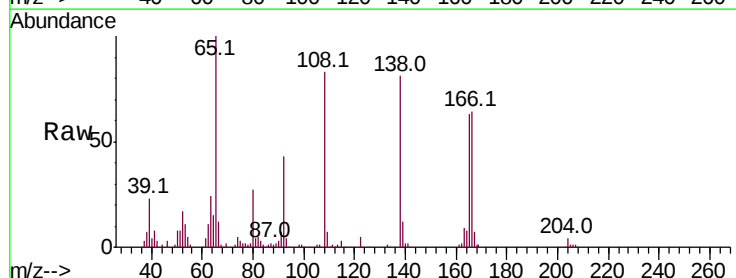
Instrument :
BNA_G
ClientSampled :

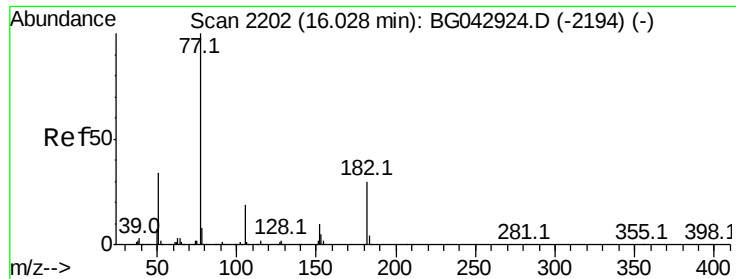
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	28.5	42.7
141	54.0	42.4	63.6



#62
4-Nitroaniline
Concen: 38.430 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.4	32.9	72.9
108	102.7	81.3	121.3

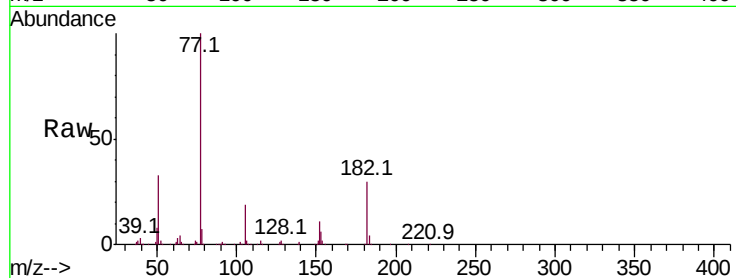




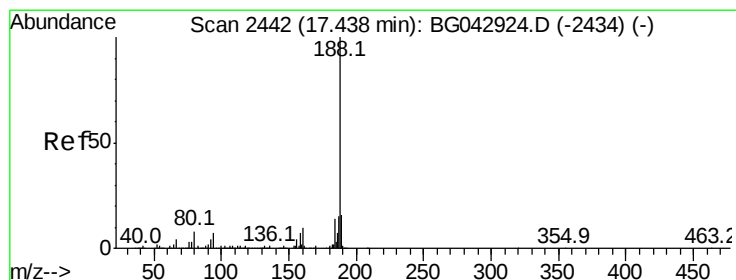
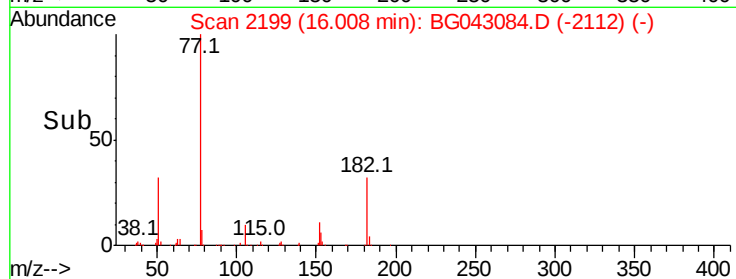
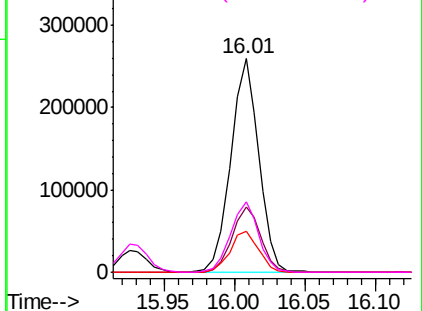
#63
Azobenzene
Concen: 38.880 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	356221
Ion	Ratio	Lower	Upper
77	100		
182	30.5	10.2	50.2
105	19.0	0.0	39.1
51	32.8	13.9	53.9

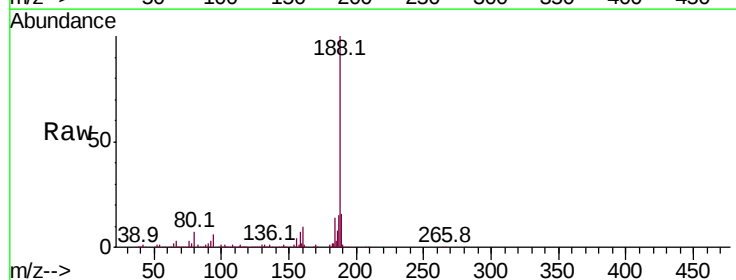


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

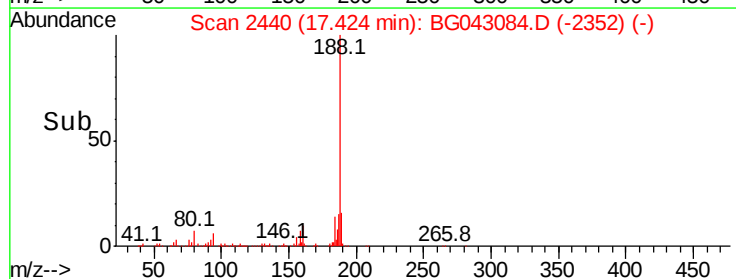
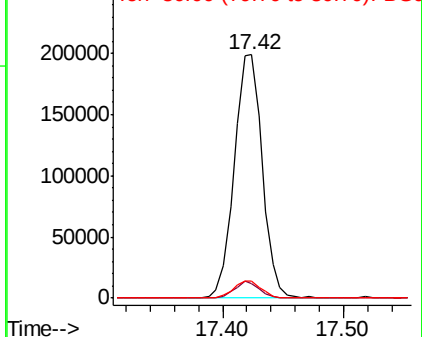


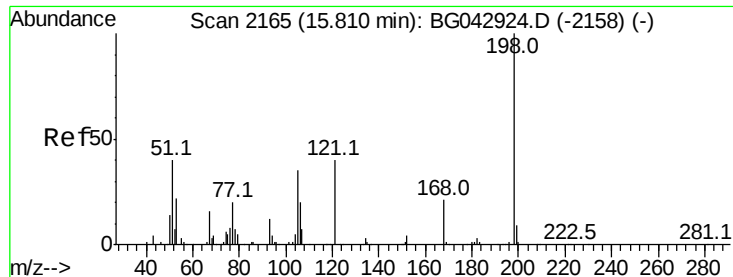
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Tgt Ion:	188	Resp:	321781
Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.7	8.5
80	7.0	6.5	9.7



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





#65

4,6-Dinitro-2-methylphenol

Concen: 48.159 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

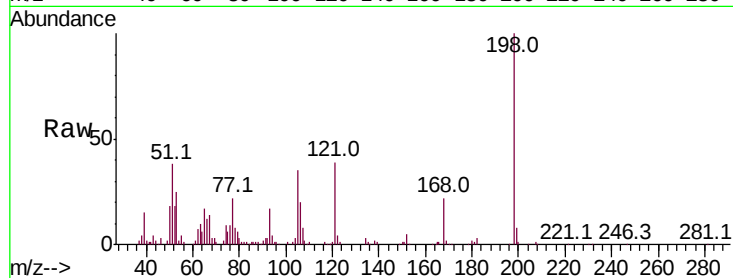
Tot Ion:198 Resp: 87691

Ion Ratio Lower Upper

198 100

51 38.0 25.3 65.3

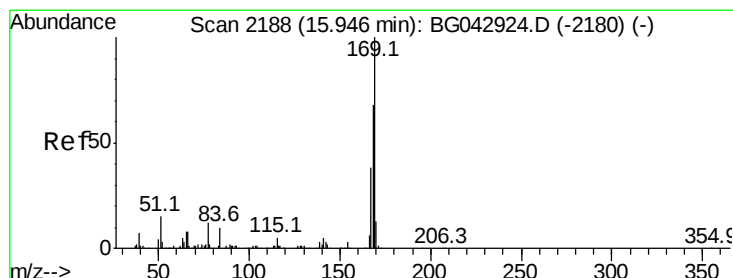
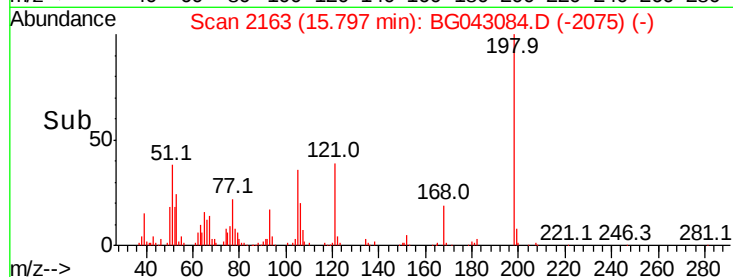
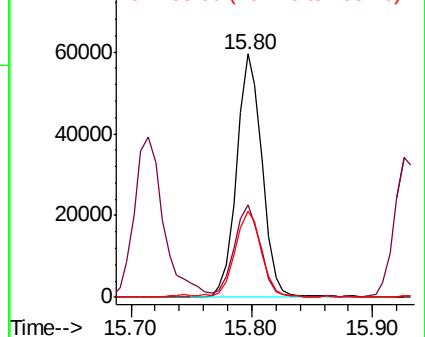
105 35.4 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.063 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

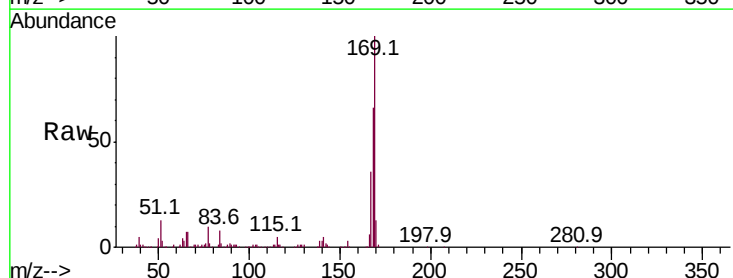
Tgt Ion:169 Resp: 365798

Ion Ratio Lower Upper

169 100

168 66.1 54.8 82.2

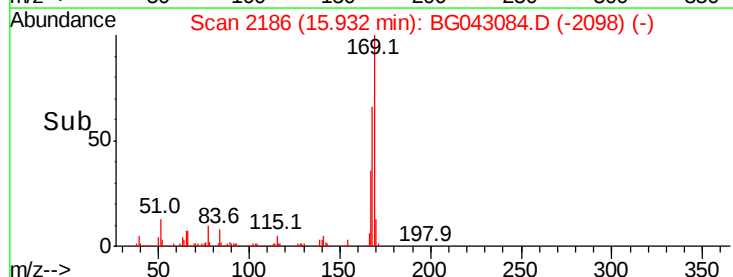
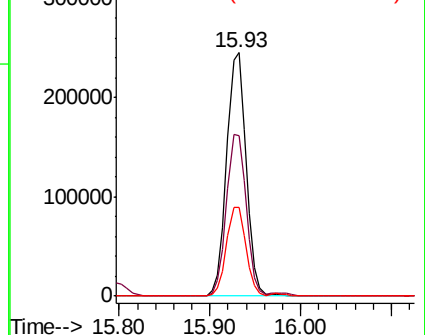
167 36.2 30.6 46.0

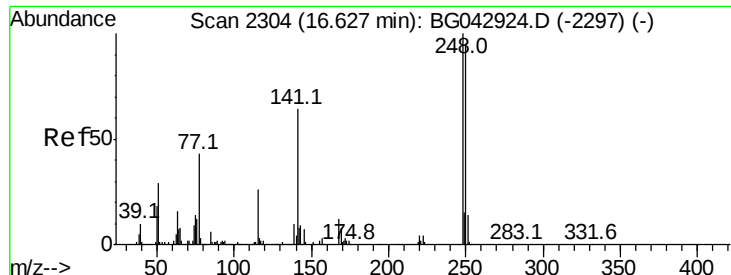


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

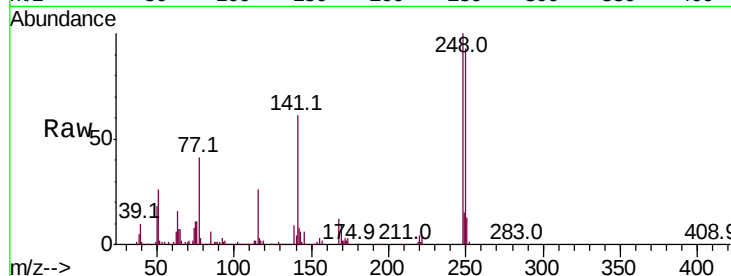




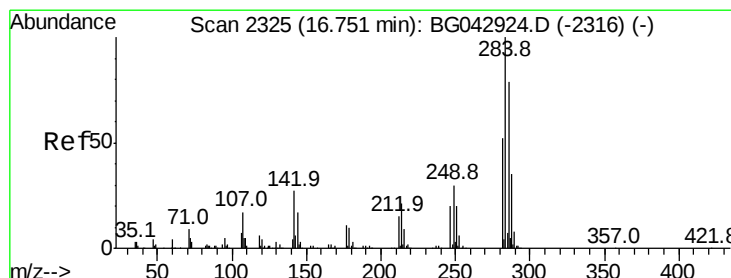
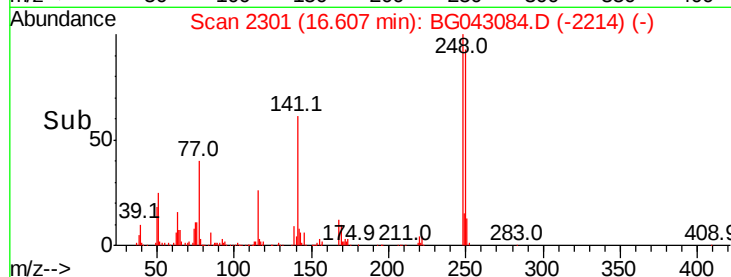
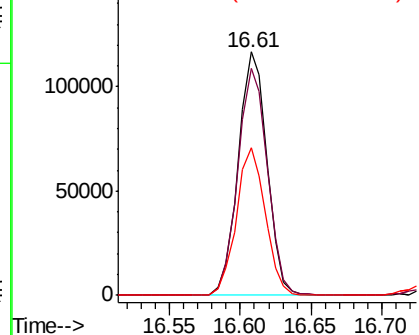
#67
4-Bromophenyl-phenylether
Concen: 41.042 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 165754
Ion Ratio Lower Upper
248 100
250 93.3 75.8 113.8
141 60.8 51.1 76.7

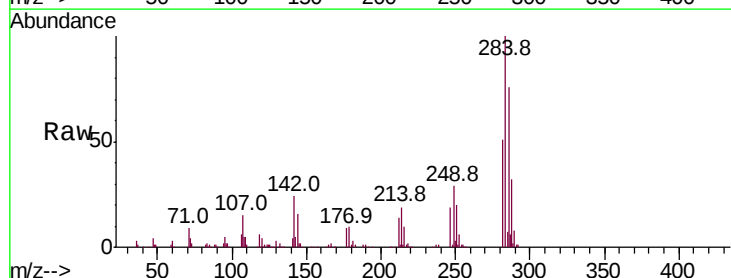


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

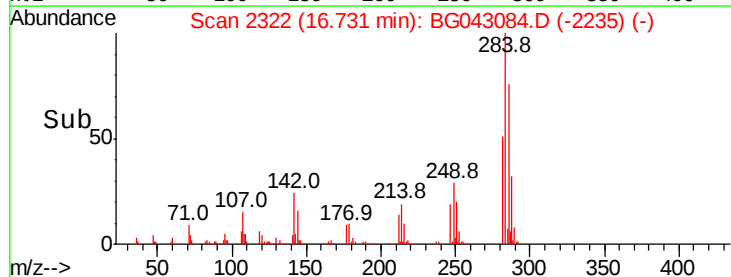
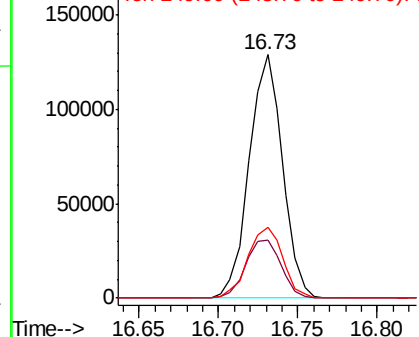


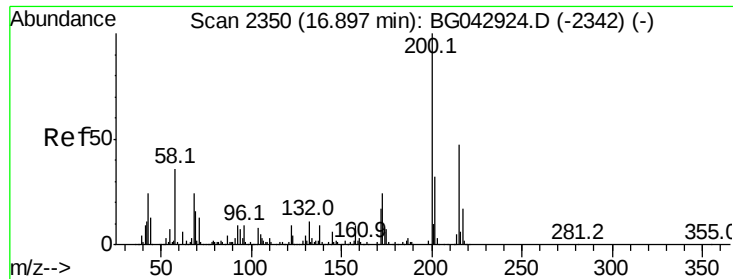
#68
Hexachlorobenzene
Concen: 41.879 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Tgt Ion:284 Resp: 188322
Ion Ratio Lower Upper
284 100
142 23.6 21.6 32.4
249 29.2 24.1 36.1



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

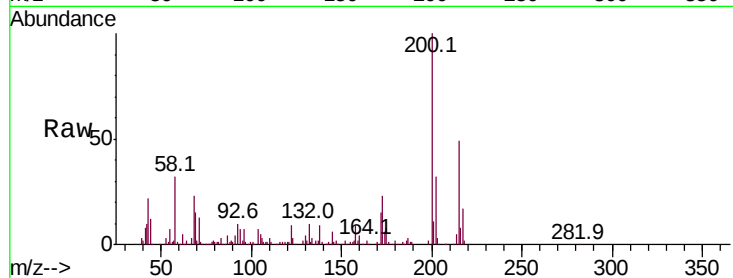




#69
Atrazine
Concen: 43.161 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.1	4.0	44.0
215	49.3	27.4	67.4

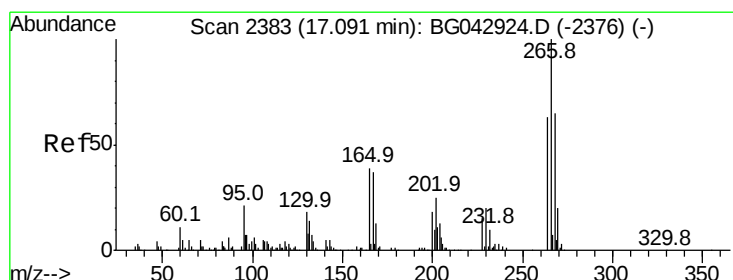
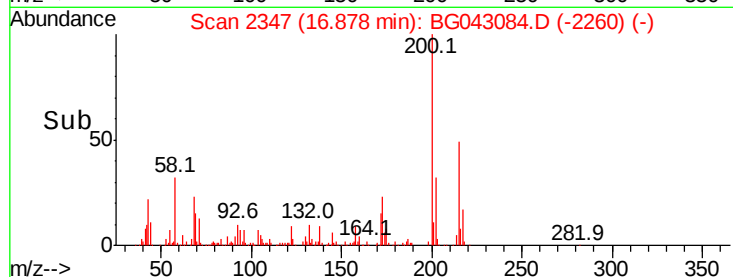
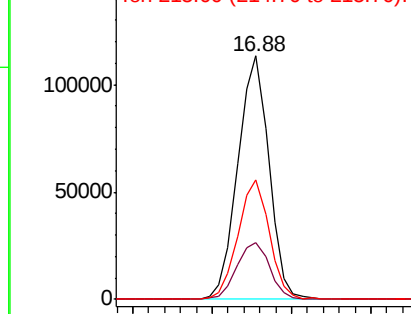


Abundance

Ion 200.00 (199.70 to 200.70): E

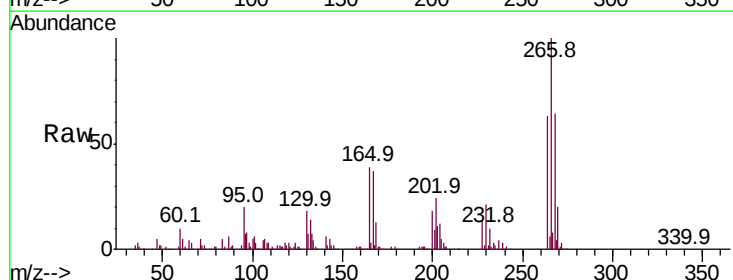
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 89.498 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.2	78.2
264	63.5	50.7	76.1

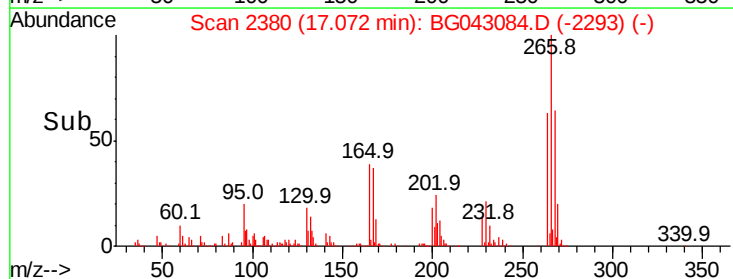
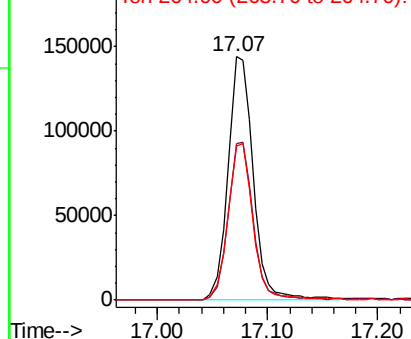


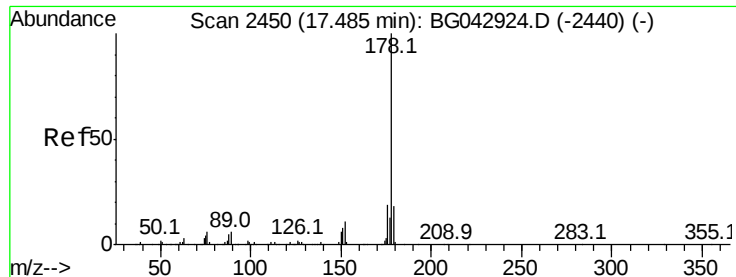
Abundance

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

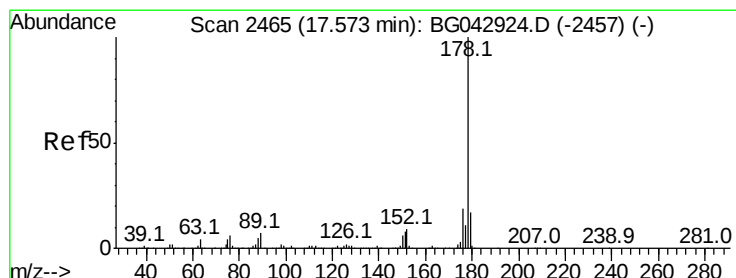
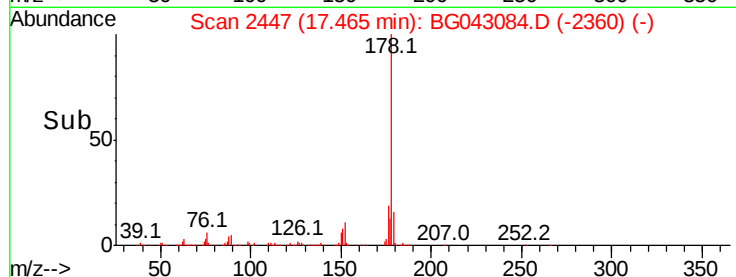
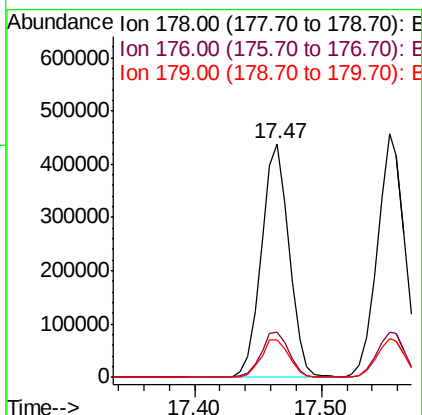
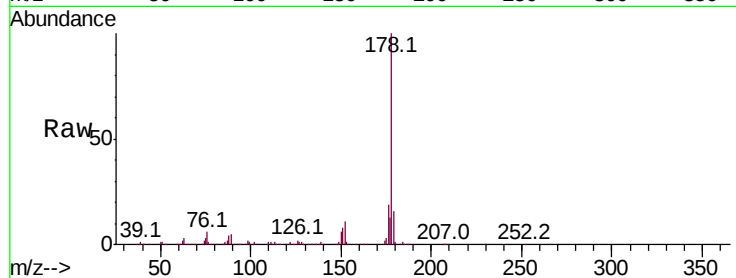




#71
Phenanthrene
Concen: 42.358 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

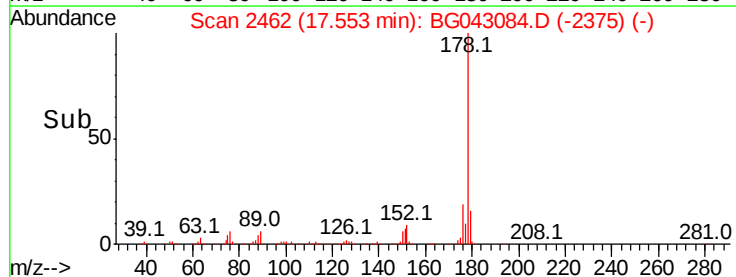
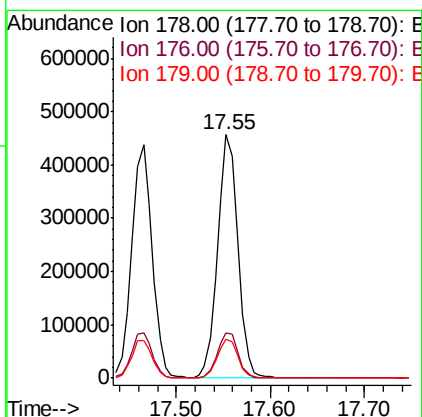
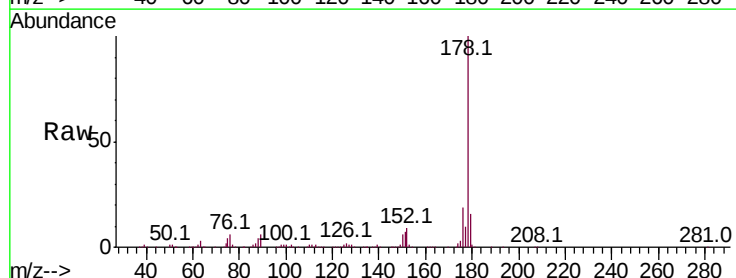
Instrument :
BNA_G
ClientSampleId :

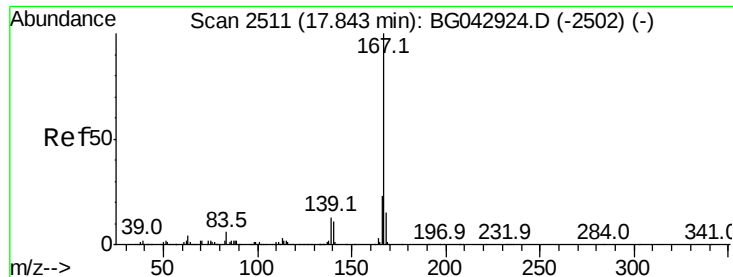
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	16.3	14.1	21.1



#72
Anthracene
Concen: 43.959 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.9	13.5	20.3

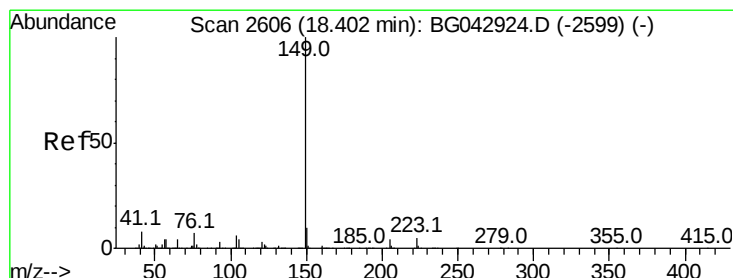
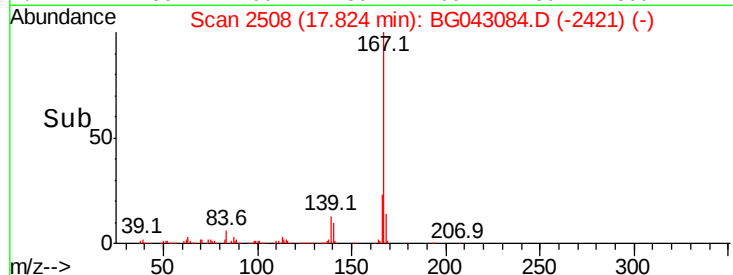
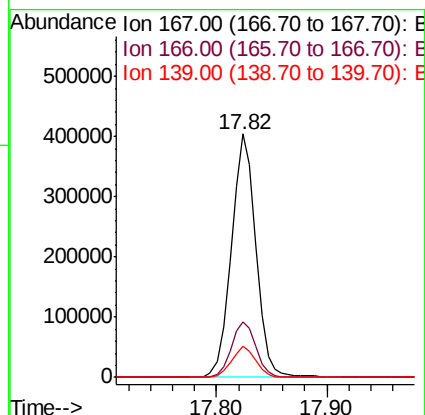
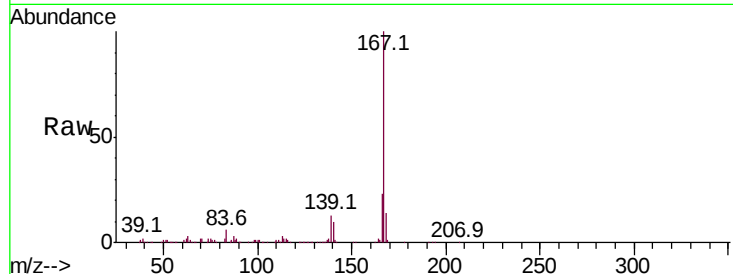




#73
 Carbazole
 Concen: 43.306 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG043084.D
 Acq: 8 Oct 2019 14:11

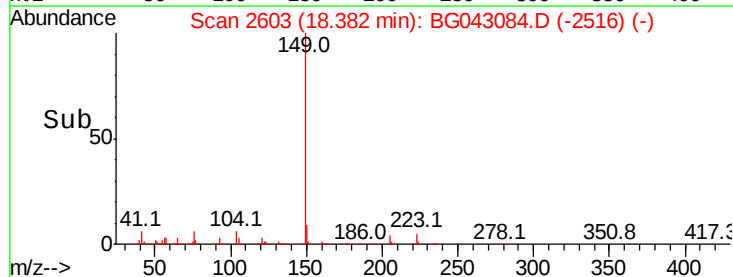
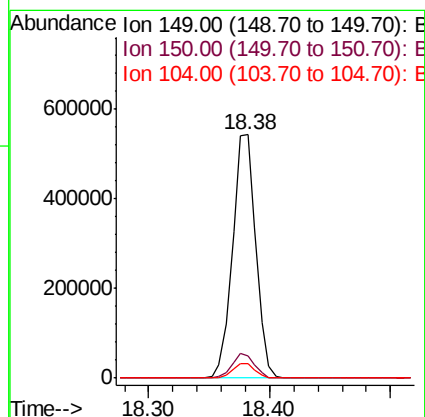
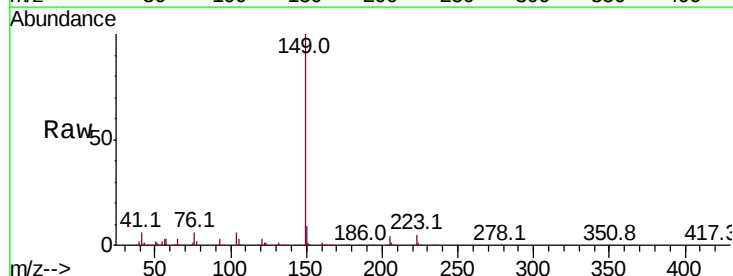
Instrument :
 BNA_G
 ClientSampleId :

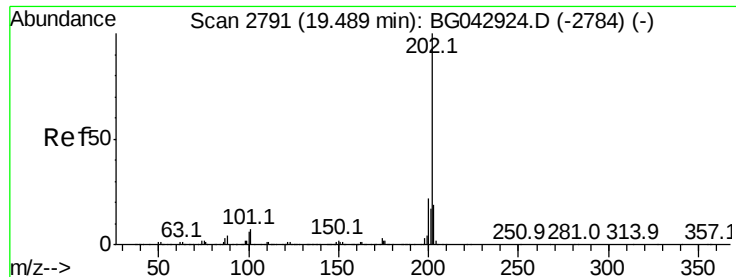
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.6	28.0
139	12.7	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 42.070 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043084.D
 Acq: 8 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	5.9	5.0	7.6





#75

Fluoranthene

Concen: 42.733 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.02 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

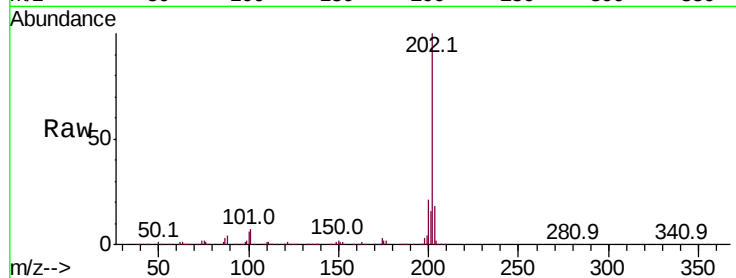
Tot Ion:202 Resp: 887922

Ion Ratio Lower Upper

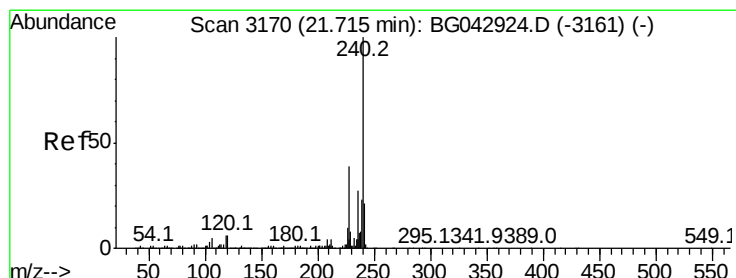
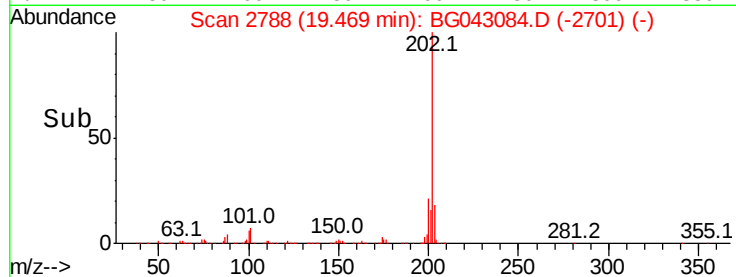
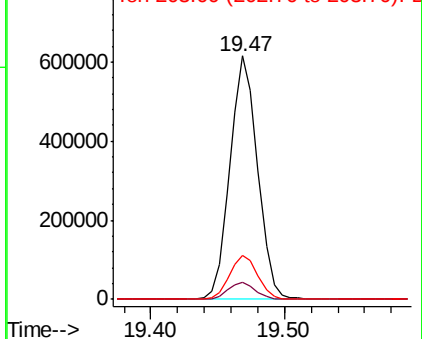
202 100

101 6.8 0.0 27.3

203 18.2 0.0 39.5



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: 21.69 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

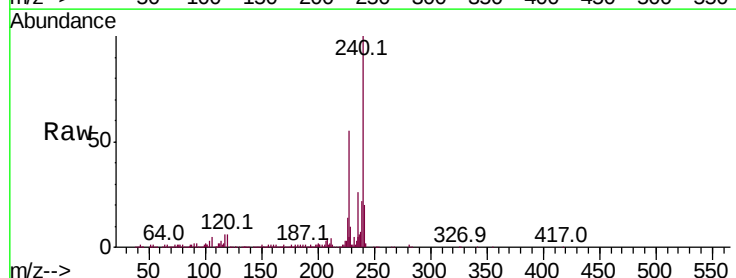
Tgt Ion:240 Resp: 360625

Ion Ratio Lower Upper

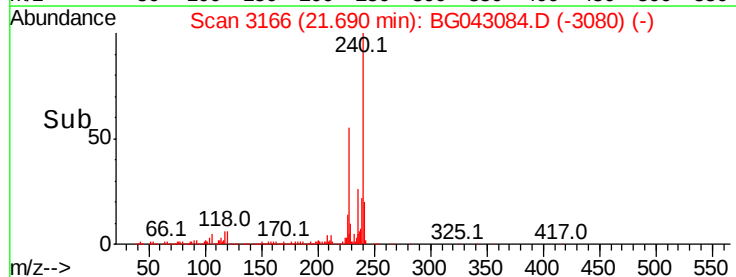
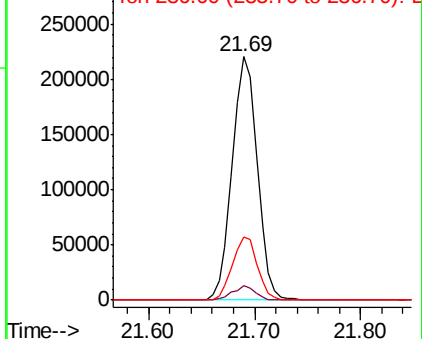
240 100

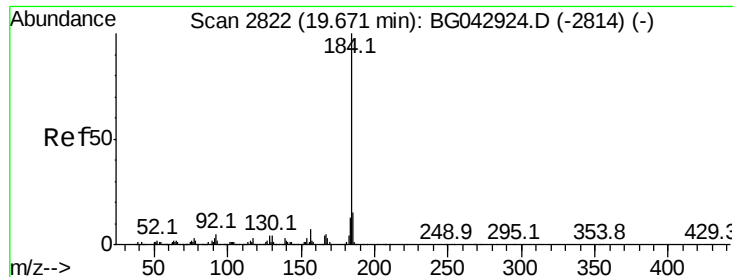
120 6.0 4.8 7.2

236 26.1 21.4 32.0



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: 70.882 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

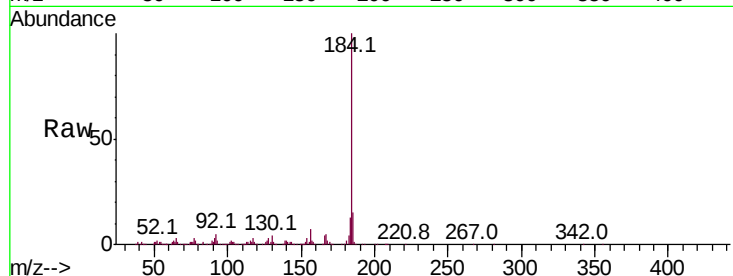
Tot Ion:184 Resp: 640045

Ion Ratio Lower Upper

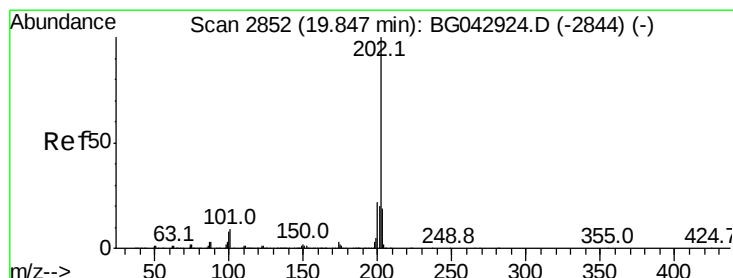
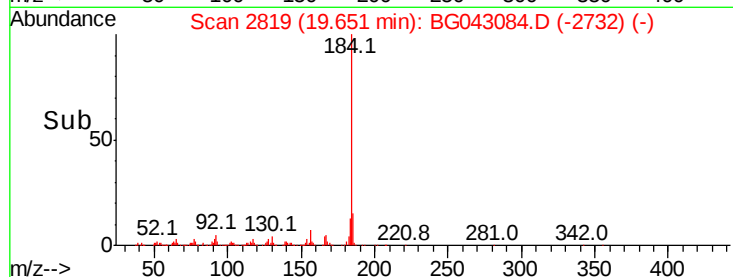
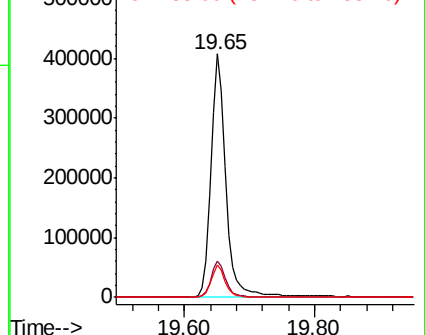
184 100

185 15.1 11.8 17.8

183 13.2 10.1 15.1



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: 42.177 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

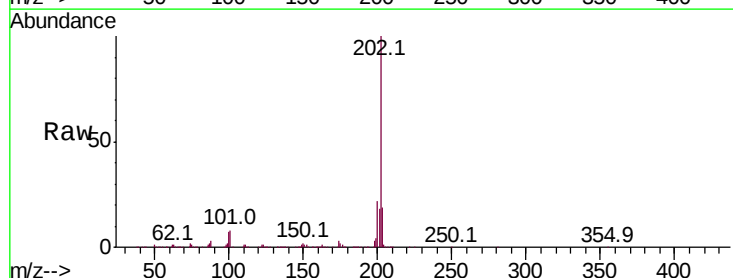
Tgt Ion:202 Resp: 907839

Ion Ratio Lower Upper

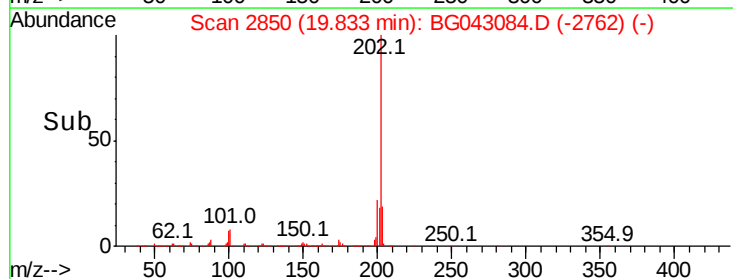
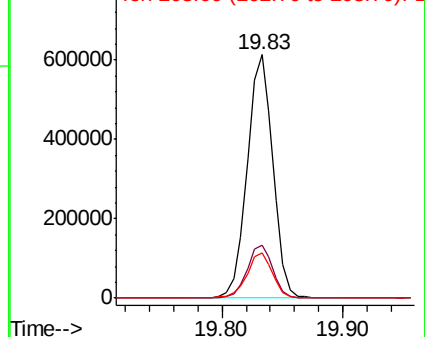
202 100

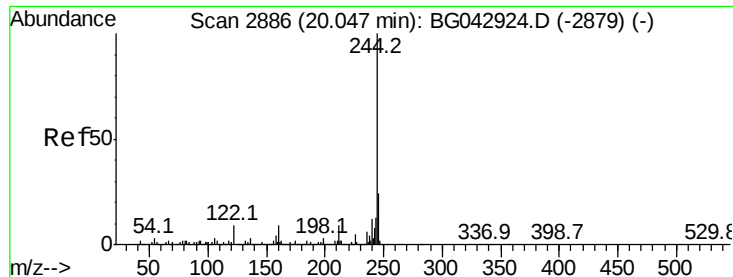
200 21.9 17.6 26.4

203 18.5 15.2 22.8



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: 69.540 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampled :

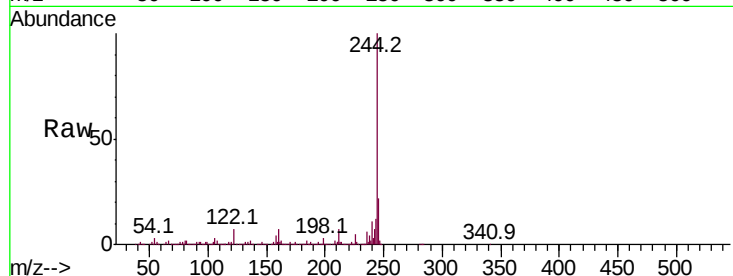
Tot Ion:244 Resp: 1176871

Ion Ratio Lower Upper

244 100

212 7.4 7.4 11.0

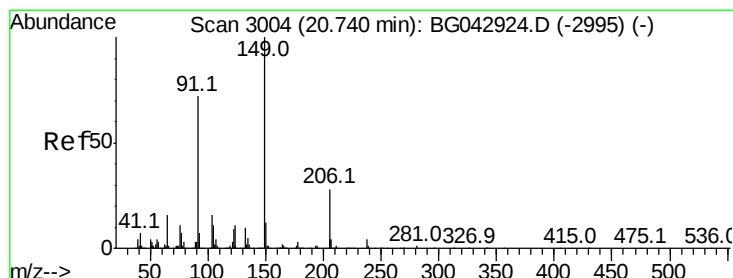
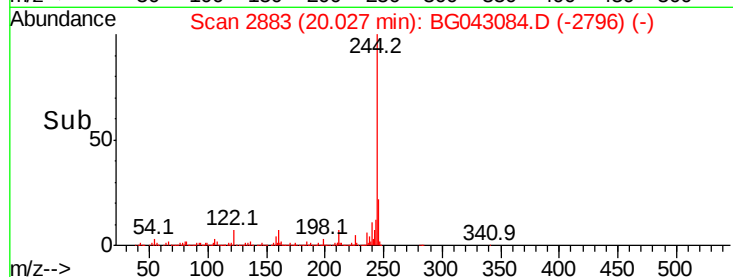
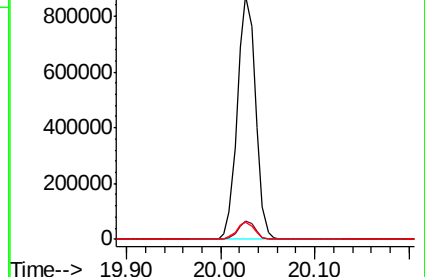
122 6.9 7.0 10.4#



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: 40.774 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.03 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

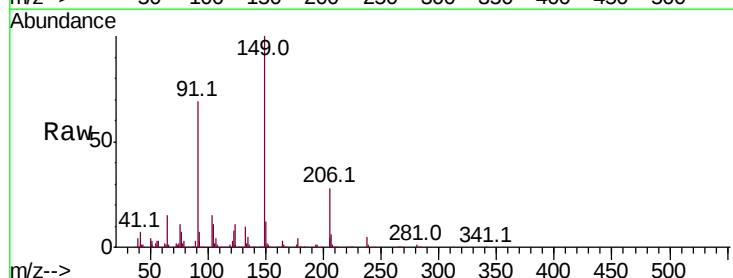
Tgt Ion:149 Resp: 333126

Ion Ratio Lower Upper

149 100

91 69.1 57.7 86.5

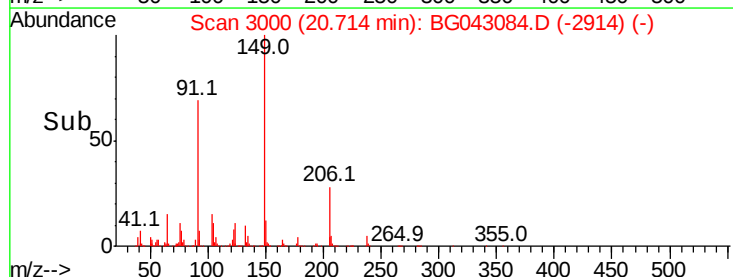
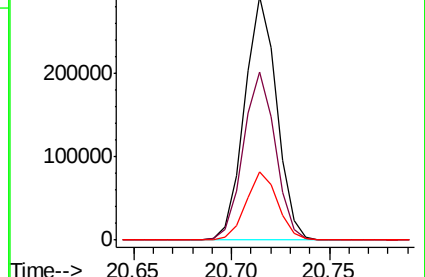
206 28.0 22.6 33.8

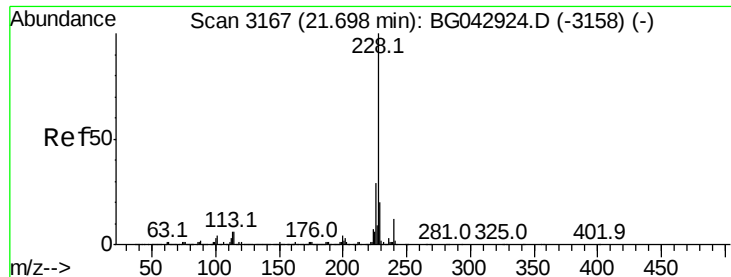


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.754 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

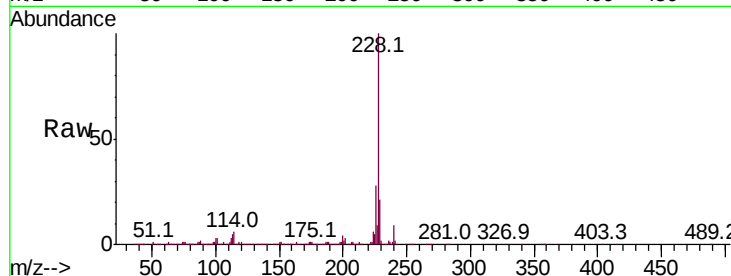
Tot Ion:228 Resp: 938231

Ion Ratio Lower Upper

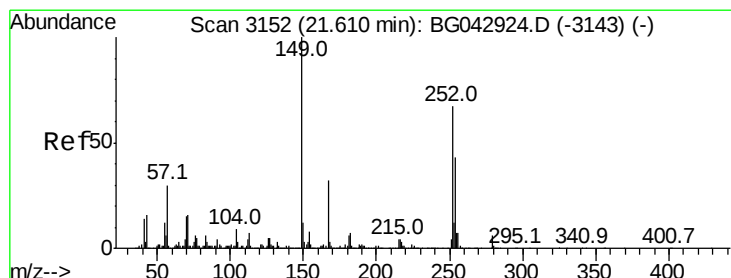
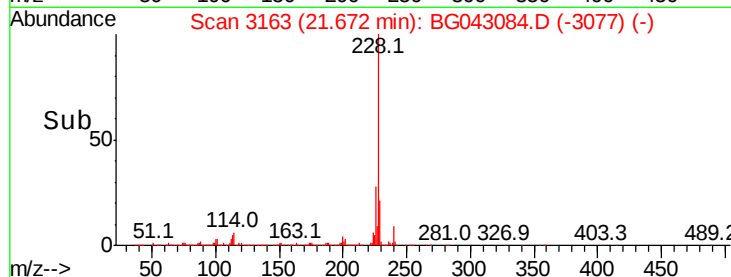
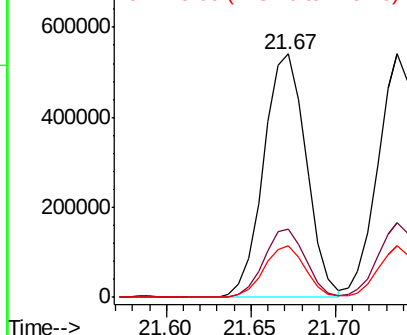
228 100

226 27.8 23.0 34.4

229 21.0 16.3 24.5



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: 26.807 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.03 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

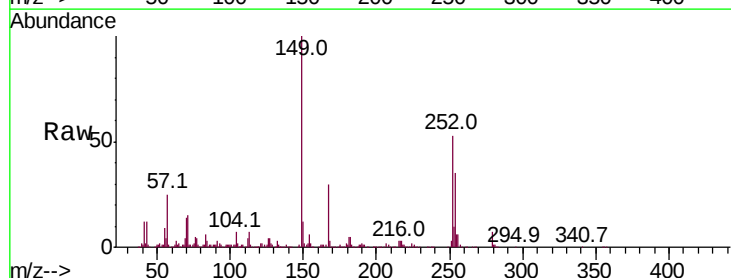
Tgt Ion:252 Resp: 236251

Ion Ratio Lower Upper

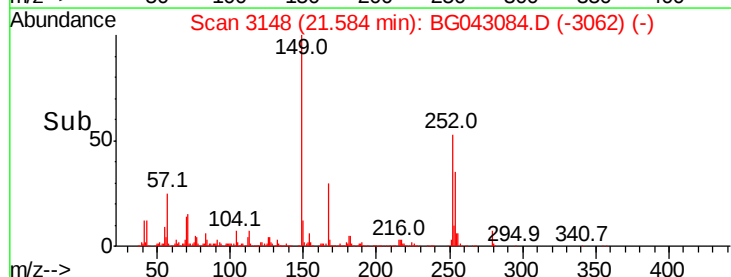
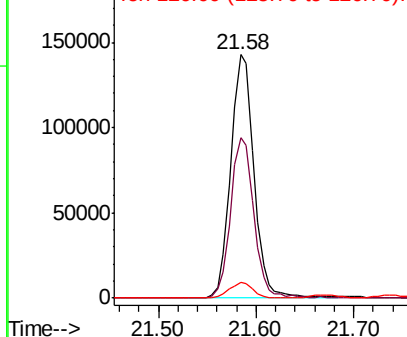
252 100

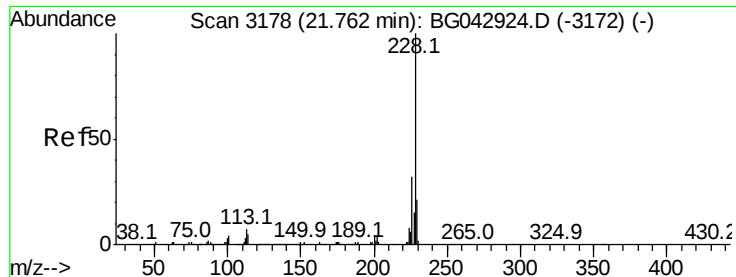
254 65.8 51.9 77.9

126 6.7 6.1 9.1



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

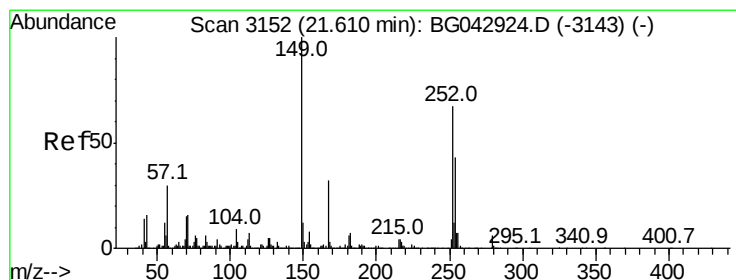
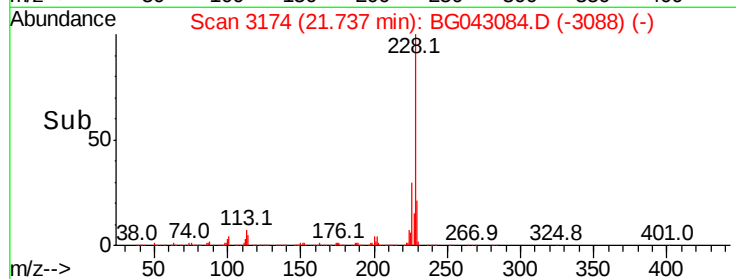
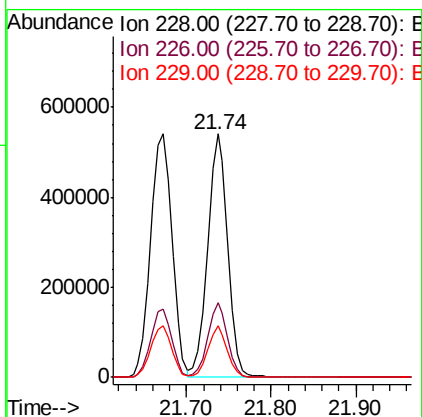
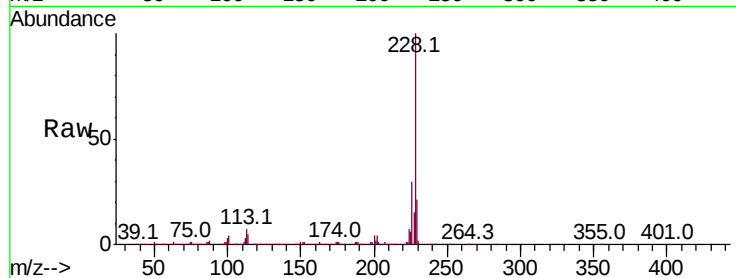




#83
Chrysene
Concen: 41.315 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.03 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

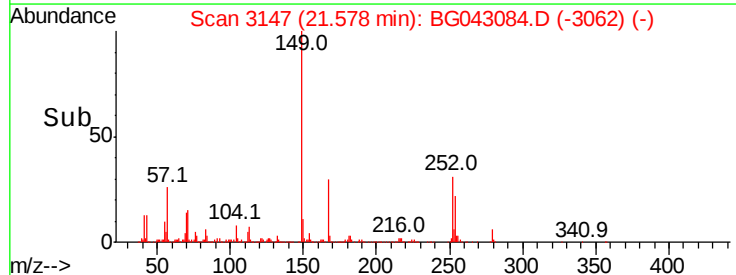
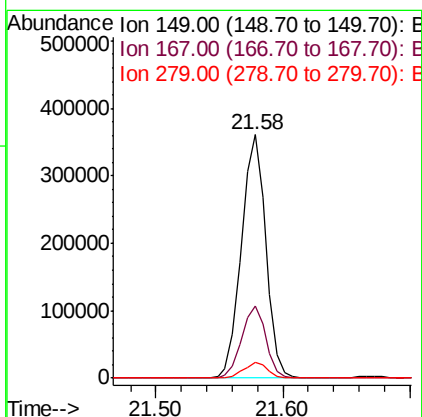
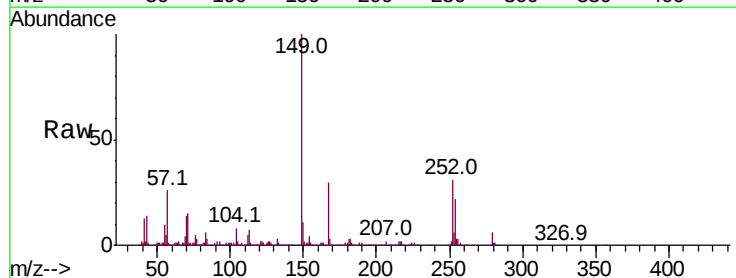
Instrument :
BNA_G
ClientSampleId :

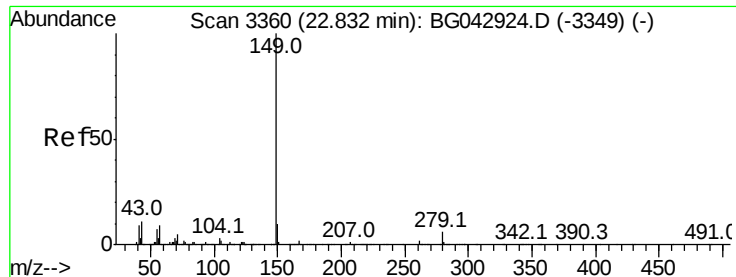
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.6	38.4
229	21.1	16.9	25.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.306 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.03 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	25.4	38.2
279	6.3	5.1	7.7





#85

Di-n-octyl phthalate

Concen: 42.843 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.04 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

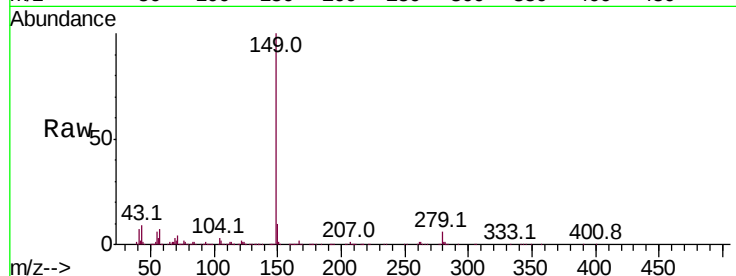
Tot Ion:149 Resp: 814448

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

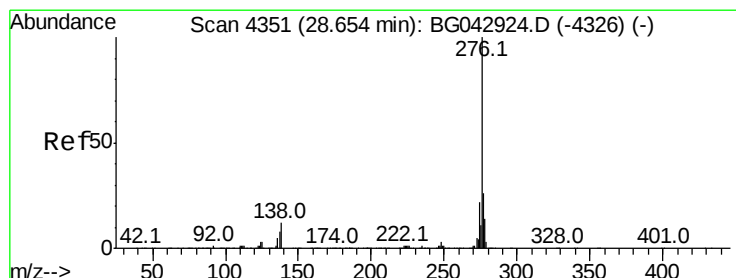
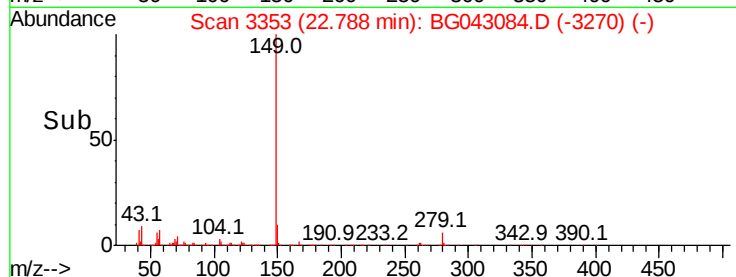
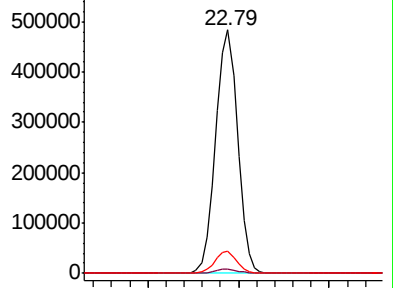
43 9.1 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.403 ng

RT: 28.56 min Scan# 4335

Delta R.T. -0.10 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

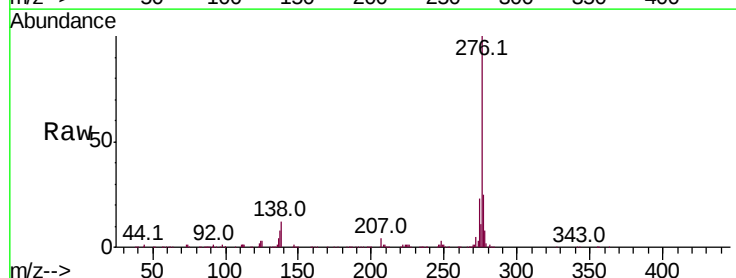
Tgt Ion:276 Resp: 1151081

Ion Ratio Lower Upper

276 100

138 9.0 7.0 10.6

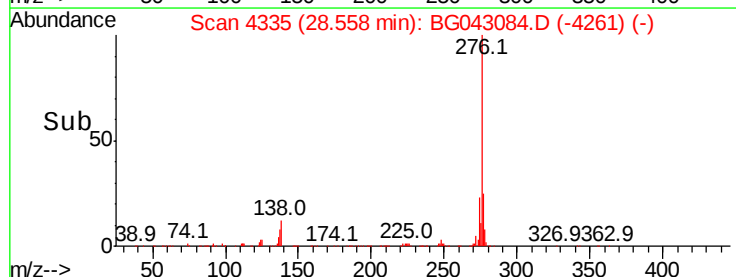
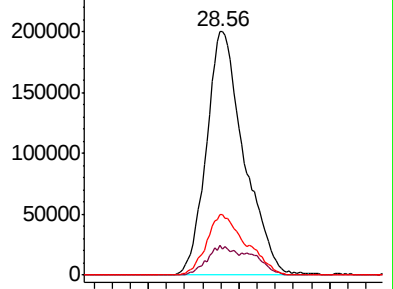
277 26.3 20.9 31.3

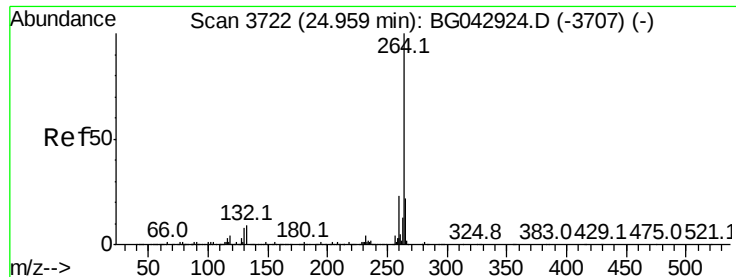


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3713

Delta R.T. -0.06 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

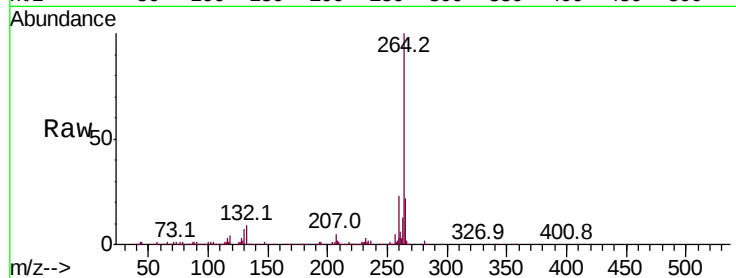
Tot Ion:264 Resp: 407696

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

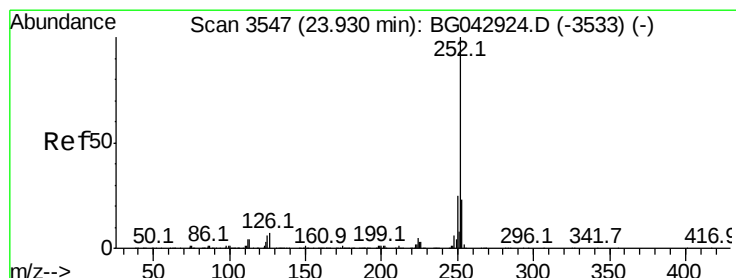
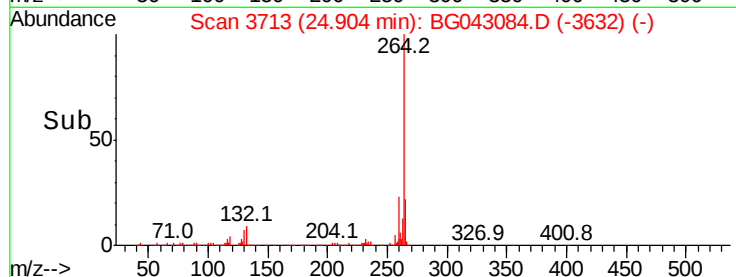
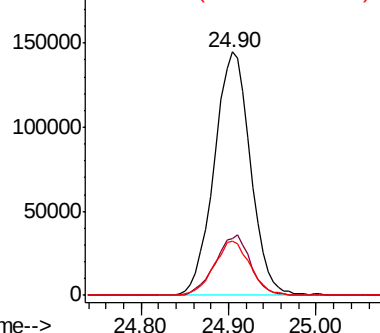
265 22.3 17.7 26.5



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: 41.685 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.04 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

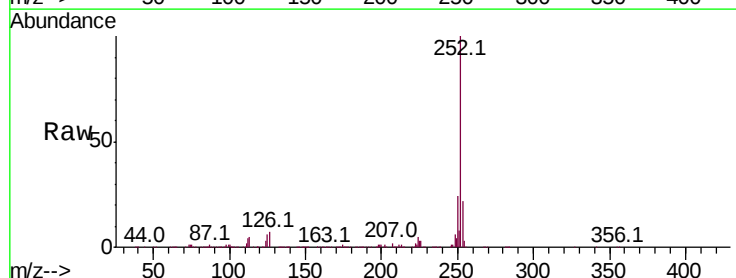
Tgt Ion:252 Resp: 961608

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

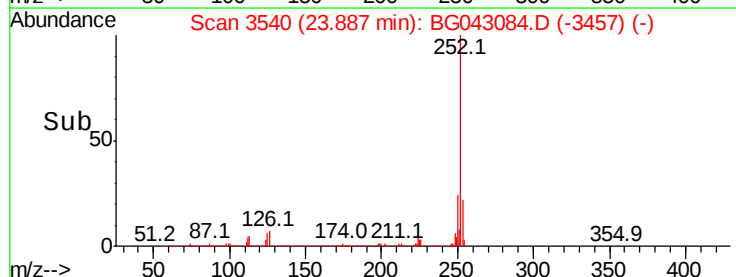
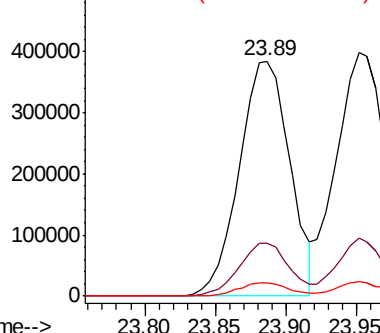
125 5.7 4.6 7.0

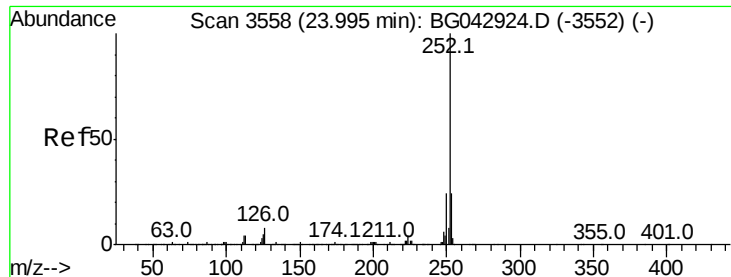


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

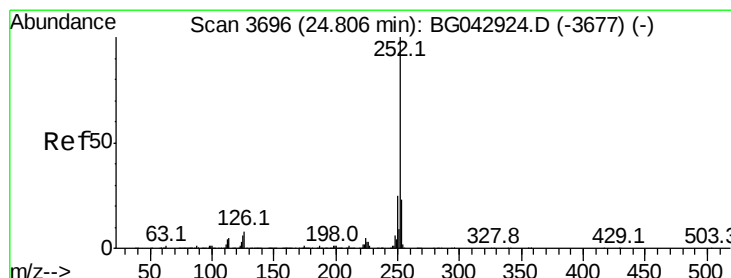
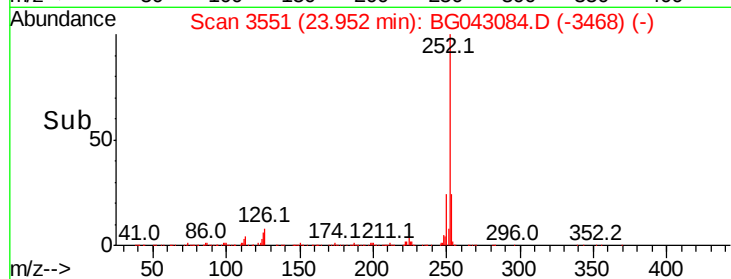
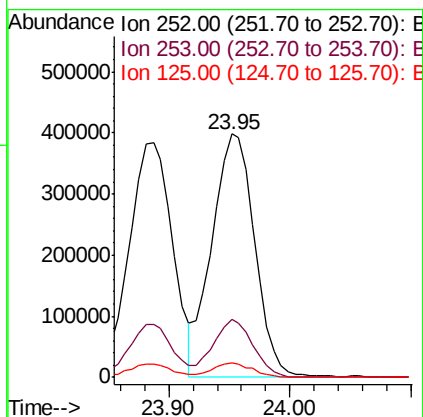
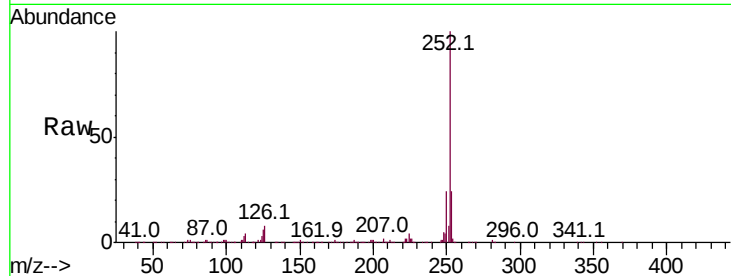




#89
Benzo(k)fluoranthene
Concen: 42.489 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.04 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

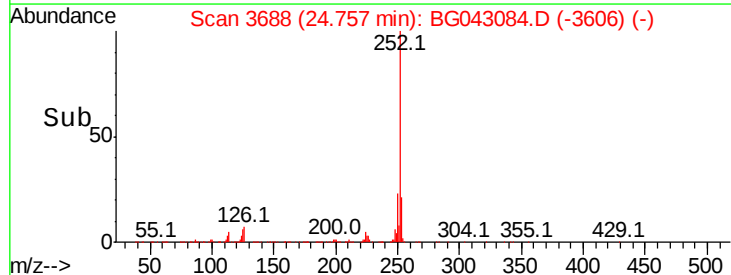
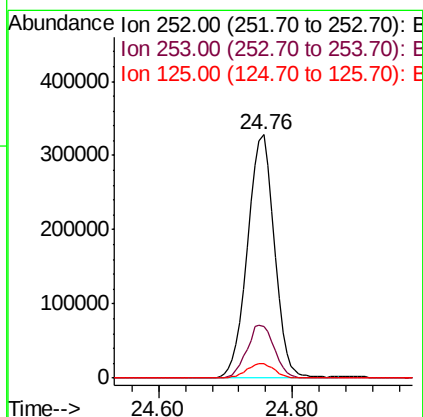
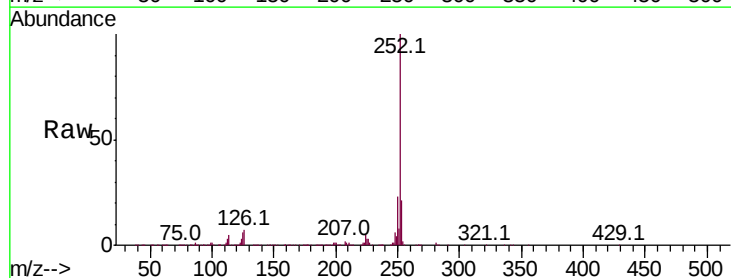
Instrument :
BNA_G
ClientSampleId :

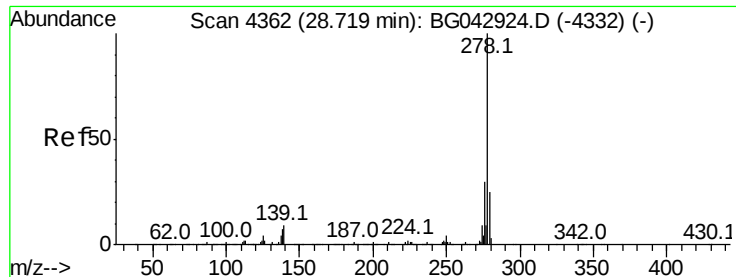
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.9	28.3
125	5.7	4.5	6.7



#90
Benzo(a)pyrene
Concen: 41.530 ng
RT: 24.76 min Scan# 3688
Delta R.T. -0.05 min
Lab File: BG043084.D
Acq: 8 Oct 2019 14:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.4
125	6.0	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 43.689 ng

RT: 28.63 min Scan# 4347

Delta R.T. -0.09 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

Instrument :

BNA_G

ClientSampleId :

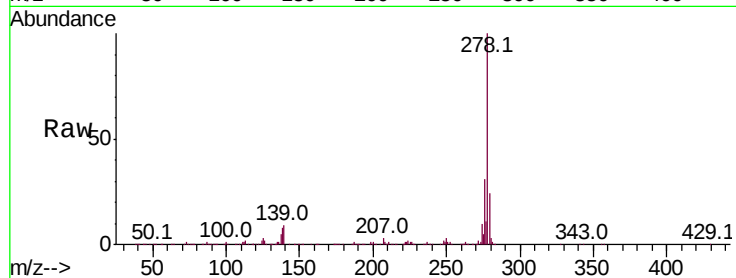
Tot Ion:278 Resp: 975019

Ion Ratio Lower Upper

278 100

139 9.1 6.8 10.2

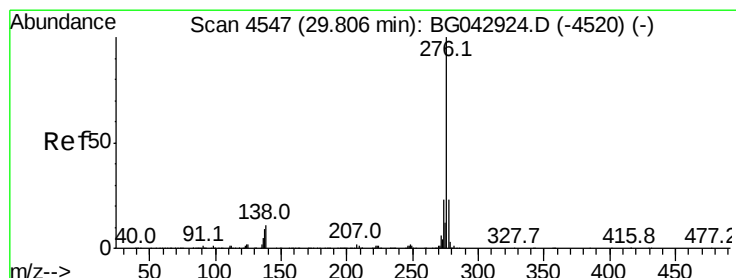
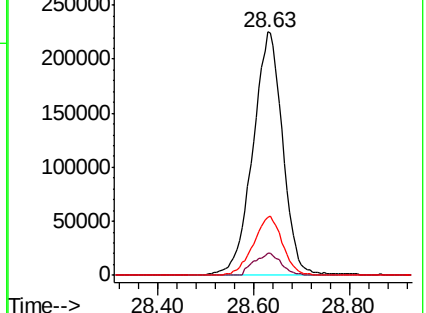
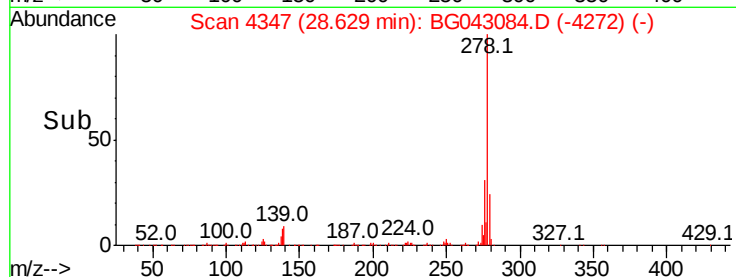
279 23.9 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.370 ng

RT: 29.72 min Scan# 4532

Delta R.T. -0.09 min

Lab File: BG043084.D

Acq: 8 Oct 2019 14:11

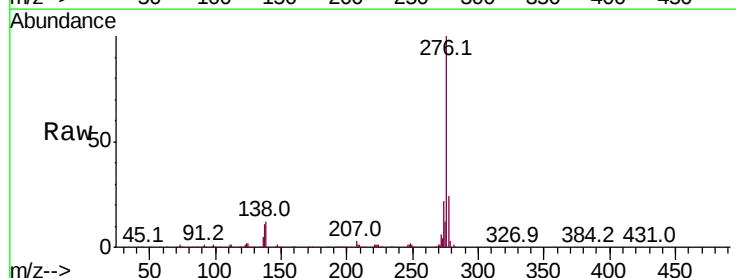
Tgt Ion:276 Resp: 959441

Ion Ratio Lower Upper

276 100

277 24.0 18.4 27.6

138 11.6 8.6 12.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

