

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
 Data File : BG043828.D
 Acq On : 17 Dec 2019 20:38
 Operator : JU
 Sample : K6294-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 18 01:05:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 18:16:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	115008	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	514681	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	382840	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	922143	20.00	ng	0.00
76) Chrysene-d12	21.63	240	782141	20.00	ng	0.00
87) Perylene-d12	24.79	264	891353	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	789138	130.01	ng	0.00
7) Phenol-d6	7.17	99	1163343	132.89	ng	0.01
23) Nitrobenzene-d5	9.15	82	657691	71.75	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	478868	131.20	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1526926	70.06	ng	0.00
79) Terphenyl-d14	19.98	244	2409829	74.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	99642	35.449	ng	97
3) Pyridine	3.88	79	255634	32.911	ng	98
4) n-Nitrosodimethylamine	3.79	42	135903	36.492	ng	100
6) Aniline	7.32	93	176593	15.246	ng	97
8) 2-Chlorophenol	7.57	128	324592	45.887	ng	97
9) Benzaldehyde	7.13	77	108538	18.598	ng	95
10) Phenol	7.20	94	448203	49.592	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	298262	38.893	ng	95
12) 1,3-Dichlorobenzene	7.89	146	322499	38.045	ng	98
13) 1,4-Dichlorobenzene	8.04	146	326232	38.501	ng	99
14) 1,2-Dichlorobenzene	8.35	146	306494	37.543	ng	98
15) Benzyl Alcohol	8.24	79	296213	42.520	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	452324	36.802	ng	98
17) 2-Methylphenol	8.44	107	292260	45.302	ng	99
18) Hexachloroethane	9.09	117	118934	38.628	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	251422	37.568	ng	98
20) 3+4-Methylphenols	8.77	107	407634	45.377	ng	99
22) Acetophenone	8.82	105	464473	36.186	ng	# 99
24) Nitrobenzene	9.20	77	355523	38.077	ng	99
25) Isophorone	9.72	82	690051	37.693	ng	99
26) 2-Nitrophenol	9.91	139	175593	48.081	ng	94
27) 2,4-Dimethylphenol	9.98	122	288049	44.526	ng	96
28) bis(2-Chloroethoxy)methane	10.21	93	431676	36.837	ng	99
29) 2,4-Dichlorophenol	10.45	162	357851	45.045	ng	100
30) 1,2,4-Trichlorobenzene	10.67	180	342055	36.373	ng	99
31) Naphthalene	10.85	128	966493	39.136	ng	99
32) Benzoic acid	10.11	122	201482	45.299	ng	95
33) 4-Chloroaniline	10.96	127	117471	9.811	ng	98
34) Hexachlorobutadiene	11.15	225	203816	35.769	ng	99
35) Caprolactam	11.72	113	95931	30.769	ng	98
36) 4-Chloro-3-methylphenol	12.08	107	394043	46.073	ng	99
37) 2-Methylnaphthalene	12.46	142	760903	39.752	ng	99
38) 1-Methylnaphthalene	12.68	142	726265	39.901	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	404346	35.148	ng	99

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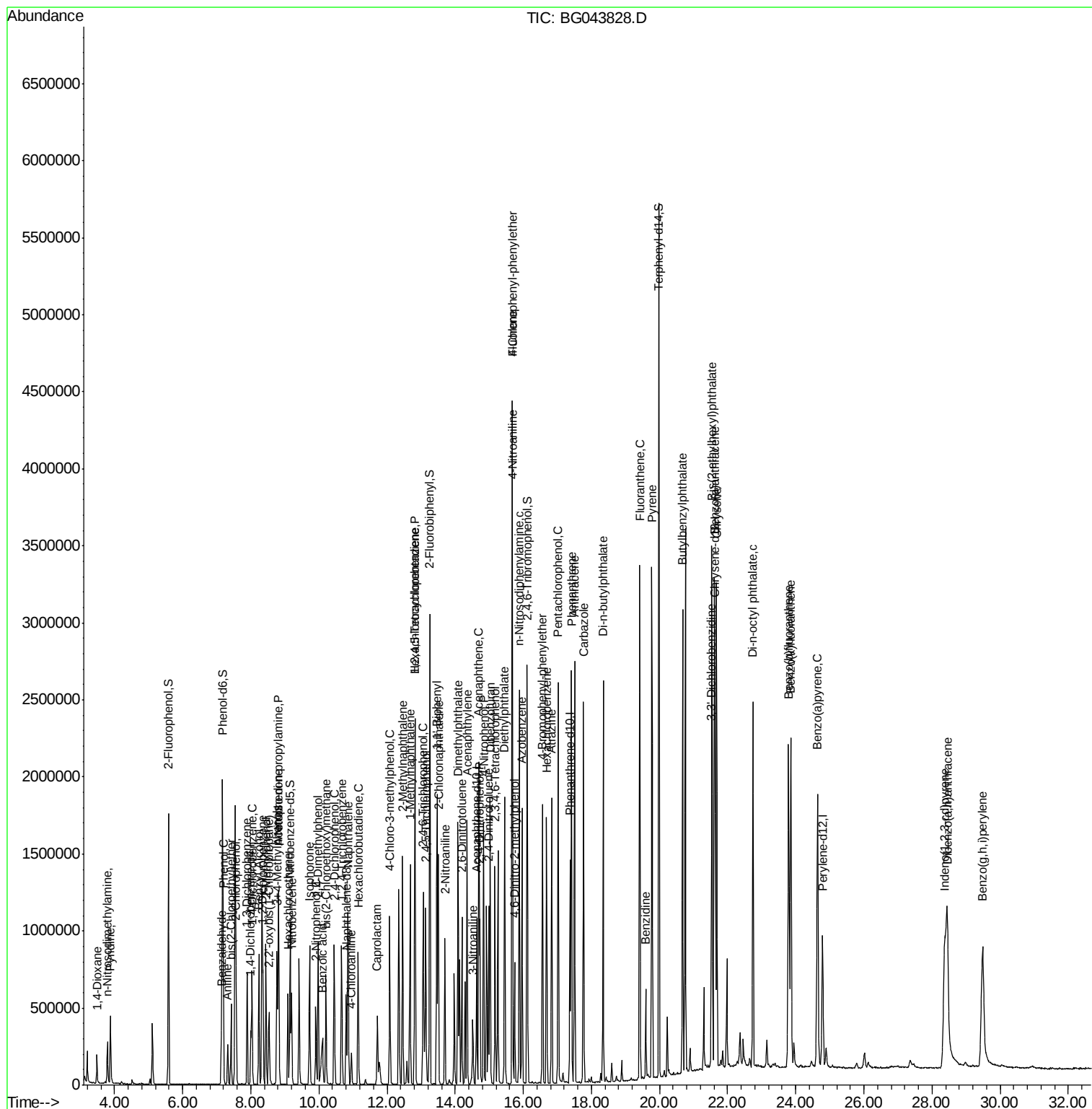
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	450202	83.376	ng	100
43) 2,4,6-Trichlorophenol	13.06	196	315200	43.108	ng	99
44) 2,4,5-Trichlorophenol	13.14	196	345958	45.162	ng	99
46) 1,1'-Biphenyl	13.47	154	999841	37.882	ng	100
47) 2-Chloronaphthalene	13.51	162	799724	37.064	ng	99
48) 2-Nitroaniline	13.70	65	266092	41.816	ng	97
49) Acenaphthylene	14.35	152	1300435	40.459	ng	99
50) Dimethylphthalate	14.08	163	1169045	42.783	ng	100
51) 2,6-Dinitrotoluene	14.19	165	257439	43.718	ng	98
52) Acenaphthene	14.69	154	919404	43.481	ng	96
53) 3-Nitroaniline	14.52	138	113339	16.819	ng	96
54) 2,4-Dinitrophenol	14.73	184	264000	99.494	ng	93
55) Dibenzofuran	15.03	168	1264109	40.387	ng	99
56) 4-Nitrophenol	14.83	139	472552	96.122	ng	98
57) 2,4-Dinitrotoluene	14.98	165	363787	45.720	ng	94
58) Fluorene	15.68	166	1035845	41.059	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	310240	45.137	ng	98
60) Diethylphthalate	15.45	149	1082297	39.653	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	556310	39.374	ng	98
62) 4-Nitroaniline	15.69	138	279723	40.062	ng	99
63) Azobenzene	15.96	77	1012674	40.386	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	187014	51.662	ng	97
66) n-Nitrosodiphenylamine	15.88	169	990541	38.648	ng	100
67) 4-Bromophenyl-phenylether	16.56	248	367268	37.253	ng	97
68) Hexachlorobenzene	16.69	284	375679	35.928	ng	98
69) Atrazine	16.83	200	347625	42.546	ng	99
70) Pentachlorophenol	17.02	266	491616	88.385	ng	98
71) Phenanthrene	17.41	178	1696209	38.855	ng	100
72) Anthracene	17.50	178	1720051	39.804	ng	99
73) Carbazole	17.77	167	1608952	39.831	ng	99
74) Di-n-butylphthalate	18.34	149	1814705	39.188	ng	99
75) Fluoranthene	19.42	202	1976724	39.564	ng	98
77) Benzidine	19.59	184	360706	21.139	ng	97
78) Pyrene	19.78	202	1999069	39.110	ng	99
80) Butylbenzylphthalate	20.68	149	888693	41.746	ng	97
81) Benzo(a)anthracene	21.61	228	1906461	38.620	ng	98
82) 3,3'-Dichlorobenzidine	21.52	252	401520	22.018	ng	99
83) Chrysene	21.67	228	1850592	39.348	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	1233840	40.408	ng	99
85) Di-n-octyl phthalate	22.74	149	2076065	41.589	ng	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	2187225	36.335	ng	97
88) Benzo(b)fluoranthene	23.79	252	2001820	39.006	ng	99
89) Benzo(k)fluoranthene	23.85	252	1908575	38.498	ng	99
90) Benzo(a)pyrene	24.64	252	1953044	39.933	ng	99
91) Dibenzo(a,h)anthracene	28.45	278	1808371	37.018	ng	99
92) Benzo(g,h,i)perylene	29.48	276	1800383	37.347	ng	99

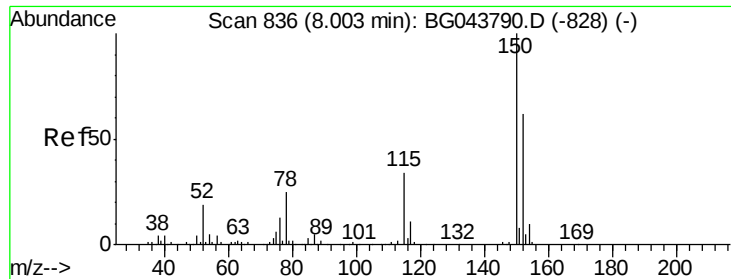
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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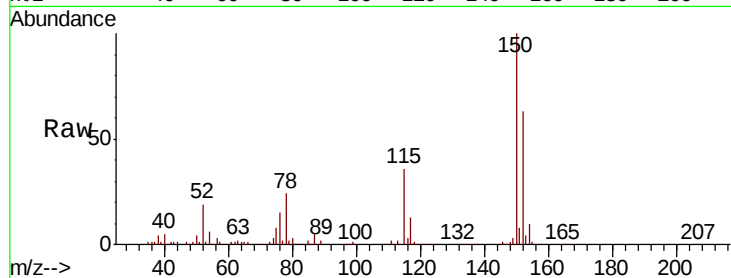


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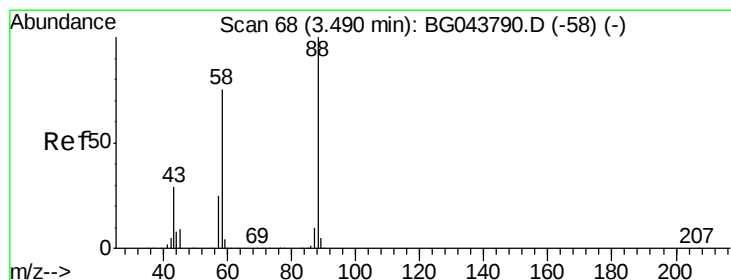
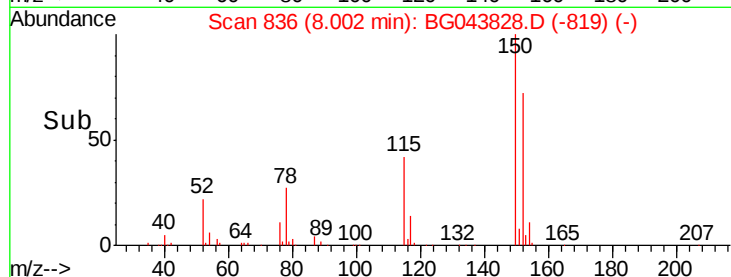
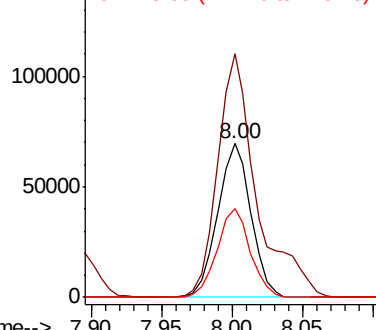
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 115008
Ion Ratio Lower Upper
152 100
150 158.6 128.6 192.8
115 57.5 44.3 66.5



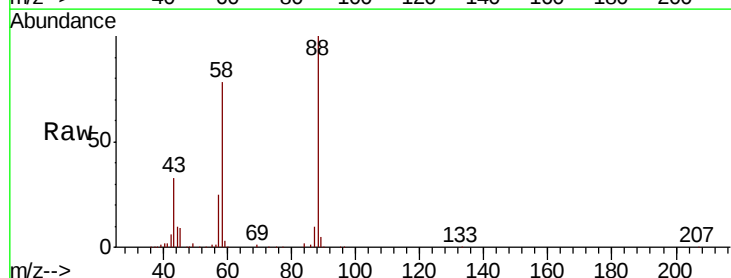
Abundance Ion 152.00 (151.70 to 152.70): E
150000 Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



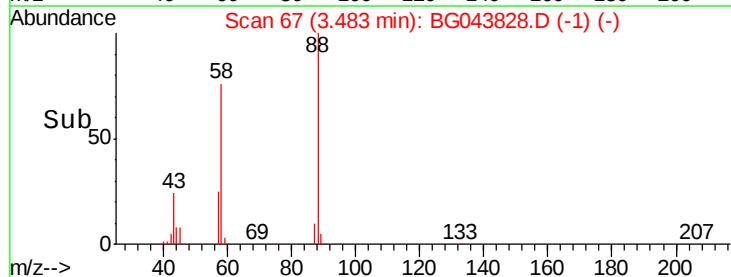
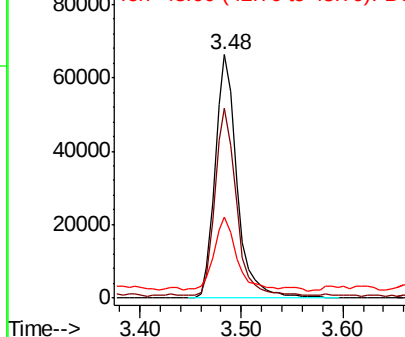
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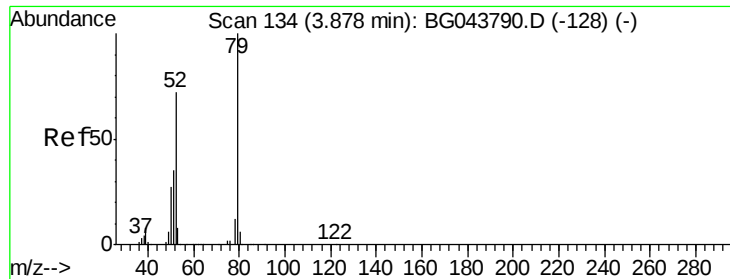
1,4-Dioxane
Concen: 35.449 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion: 88 Resp: 99642
Ion Ratio Lower Upper
88 100
58 74.7 62.2 93.4
43 30.4 24.3 36.5



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: 32.911 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampleId :

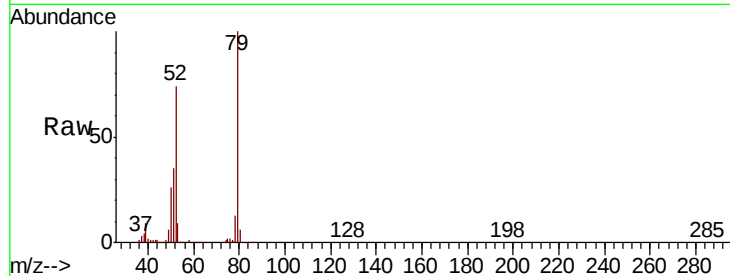
Tot Ion: 79 Resp: 255634

Ion Ratio Lower Upper

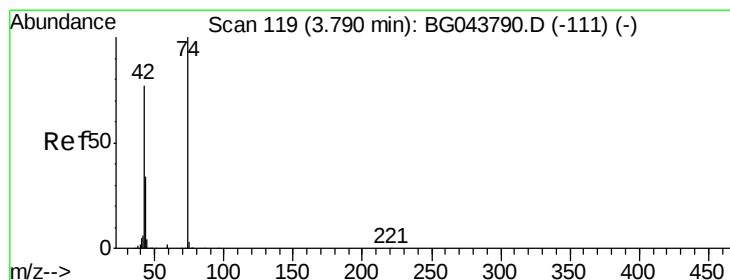
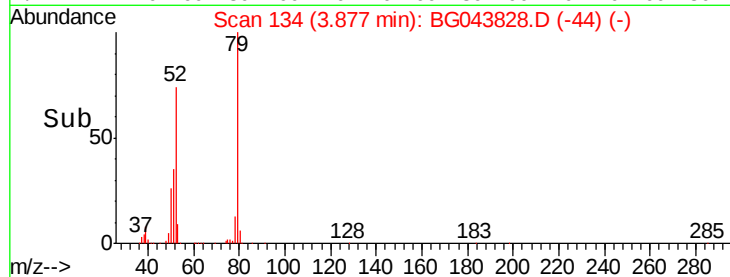
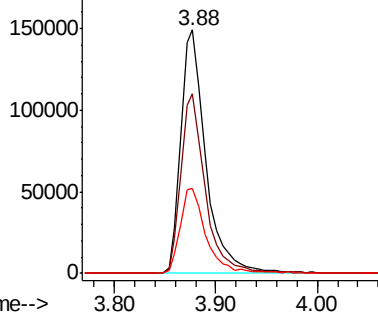
79 100

52 74.0 57.6 86.4

51 34.9 27.8 41.8



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



#4

n-Nitrosodimethylamine

Concen: 36.492 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

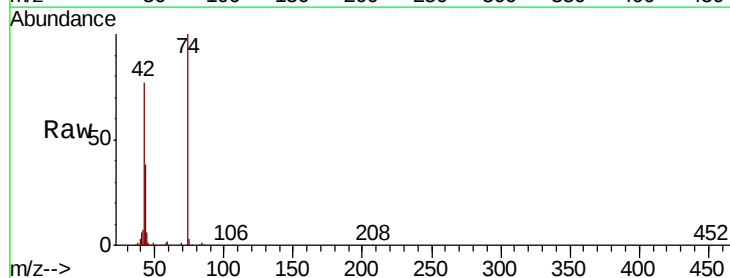
Tgt Ion: 42 Resp: 135903

Ion Ratio Lower Upper

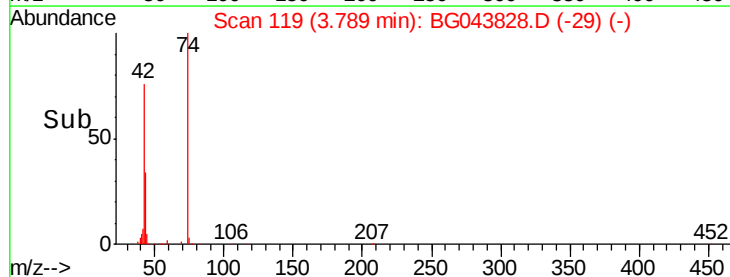
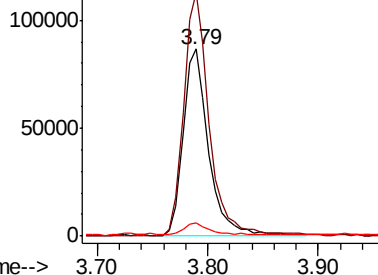
42 100

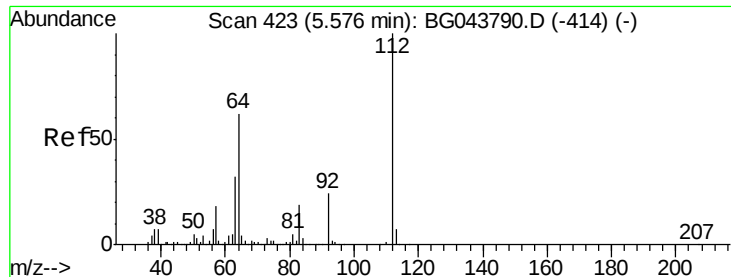
74 130.1 104.2 156.4

44 7.3 5.6 8.4



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: 130.008 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampleId :

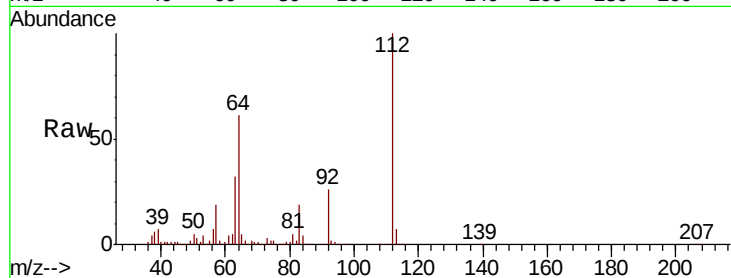
Tot Ion:112 Resp: 789138

Ion Ratio Lower Upper

112 100

64 61.3 49.9 74.9

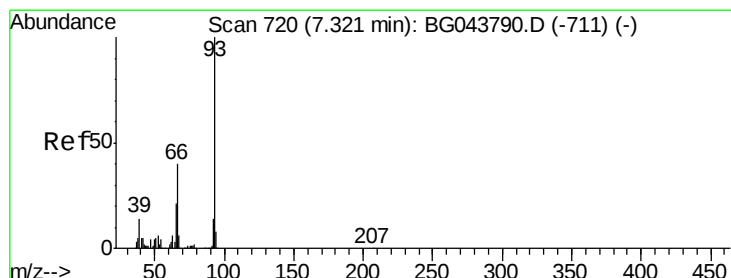
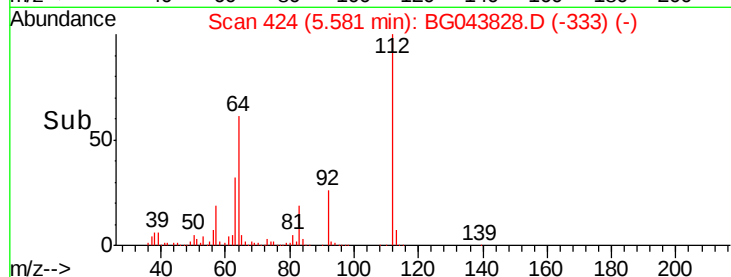
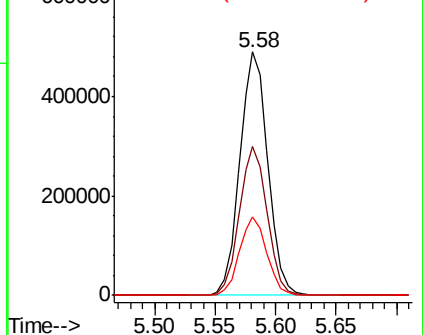
63 32.3 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.246 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

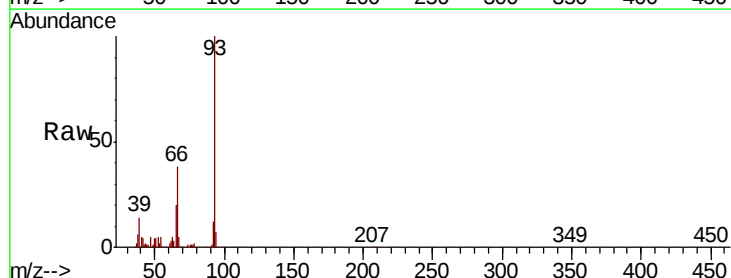
Tgt Ion: 93 Resp: 176593

Ion Ratio Lower Upper

93 100

66 37.8 31.9 47.9

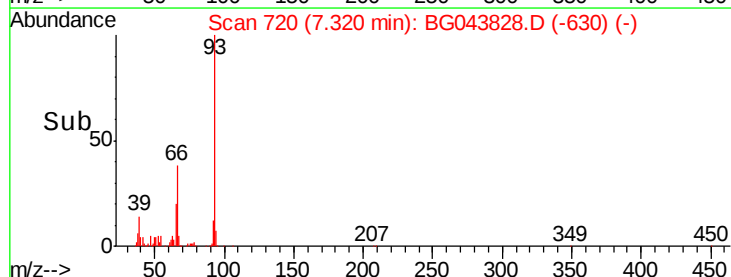
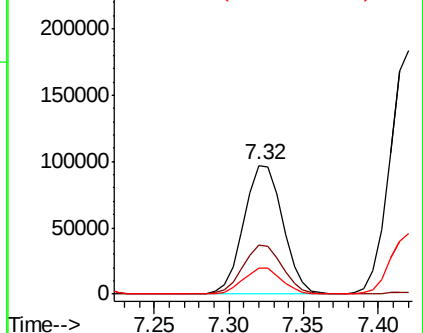
65 20.2 16.8 25.2

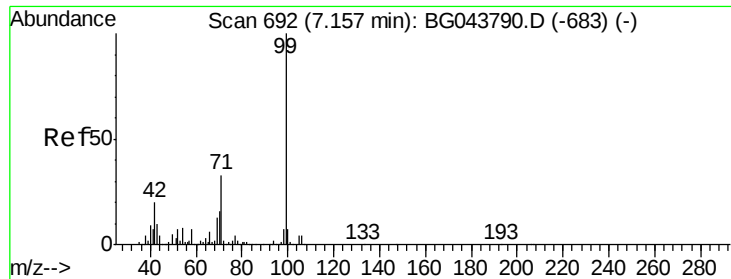


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 132.894 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG043828.D

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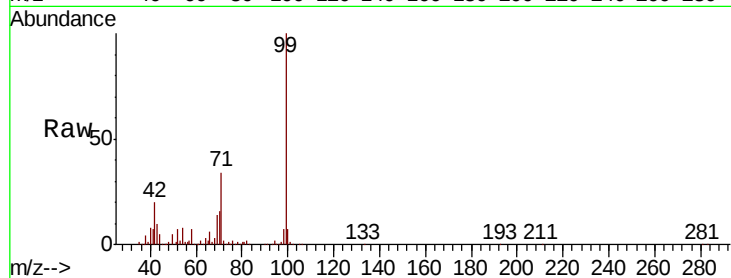
Tot Ion: 99 Resp: 1163343

Ion Ratio Lower Upper

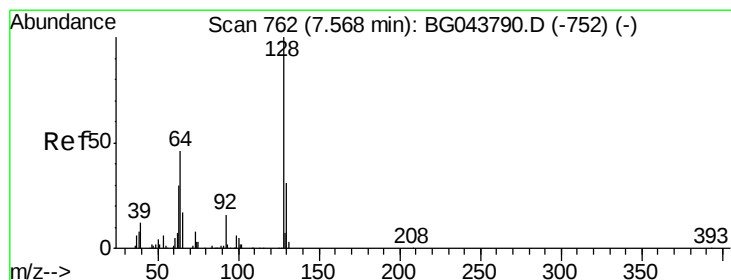
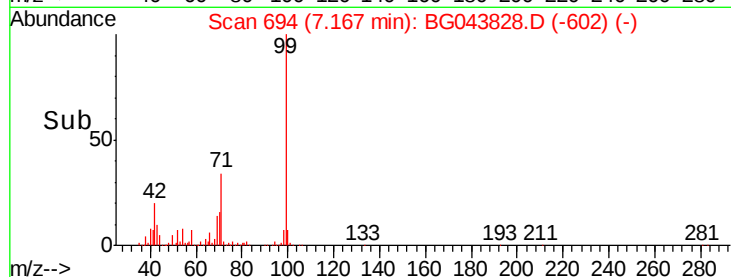
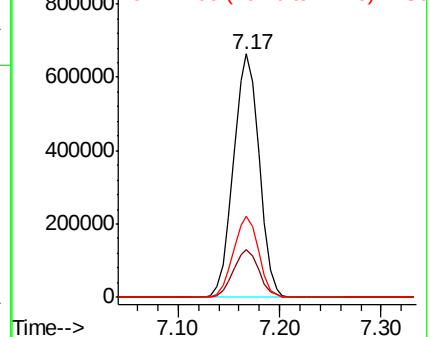
99 100

42 19.8 16.2 24.2

71 33.5 26.6 40.0



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



#8

2-Chlorophenol

Concen: 45.887 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

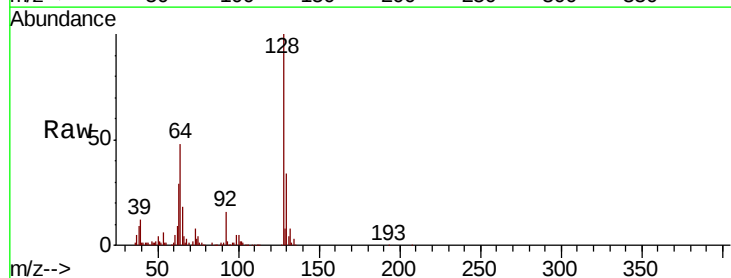
Tgt Ion:128 Resp: 324592

Ion Ratio Lower Upper

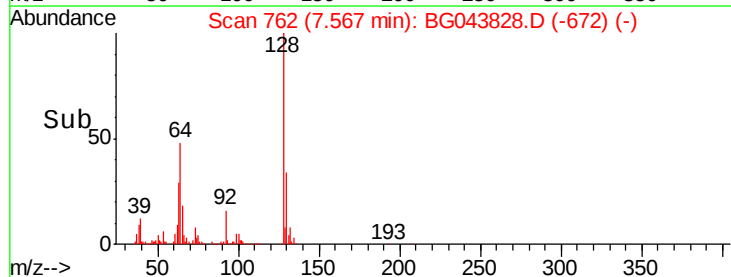
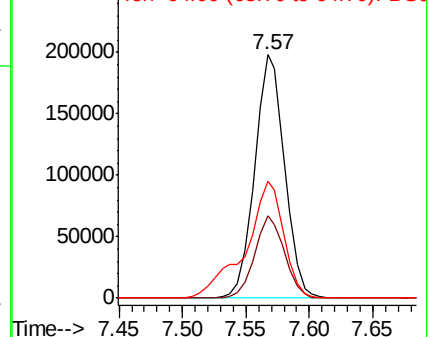
128 100

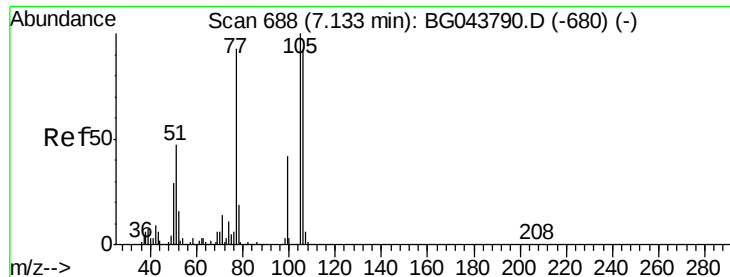
130 33.6 11.1 51.1

64 48.1 26.5 66.5



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: 18.598 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

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ClientSampleId :

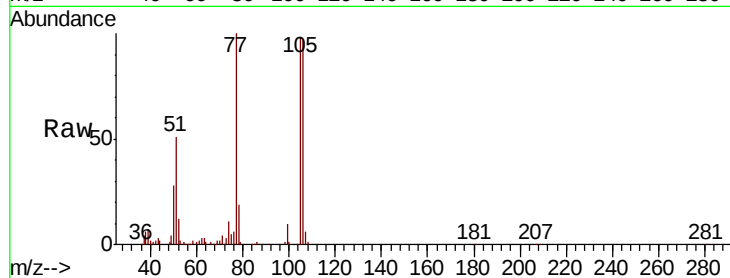
Tot Ion: 77 Resp: 108538

Ion Ratio Lower Upper

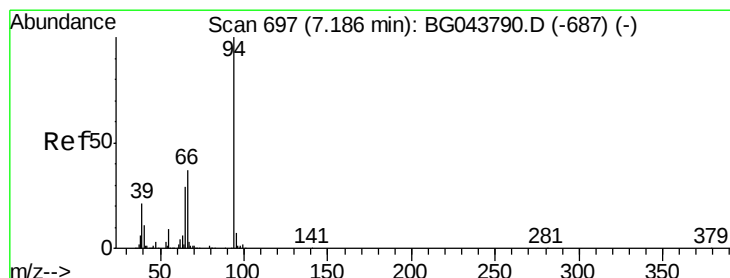
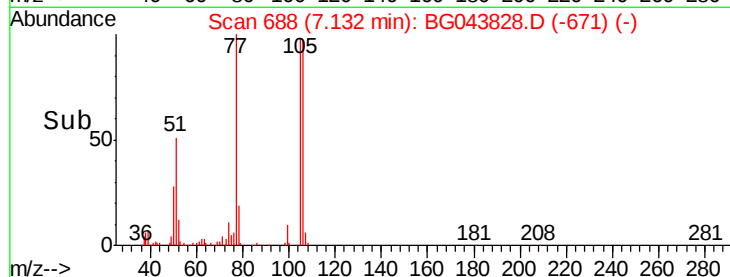
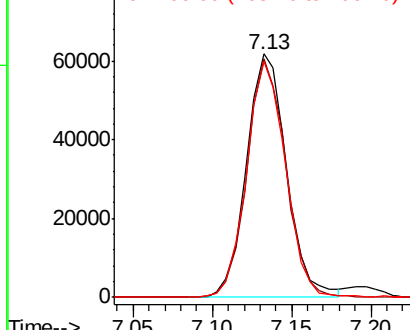
77 100

105 98.0 87.1 127.1

106 97.0 78.2 118.2



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



#10

Phenol

Concen: 49.592 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

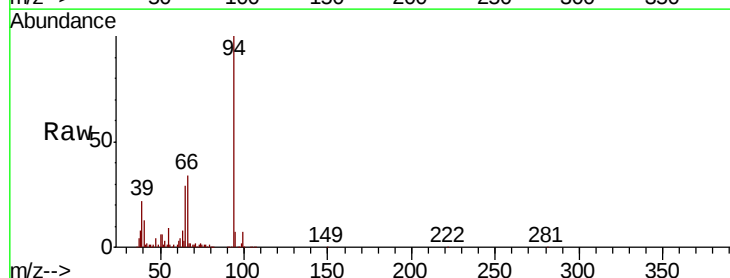
Tgt Ion: 94 Resp: 448203

Ion Ratio Lower Upper

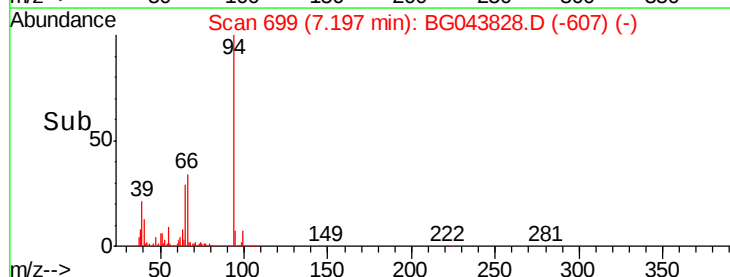
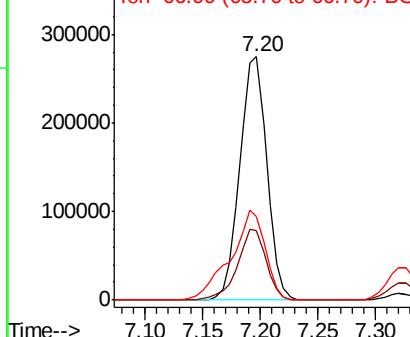
94 100

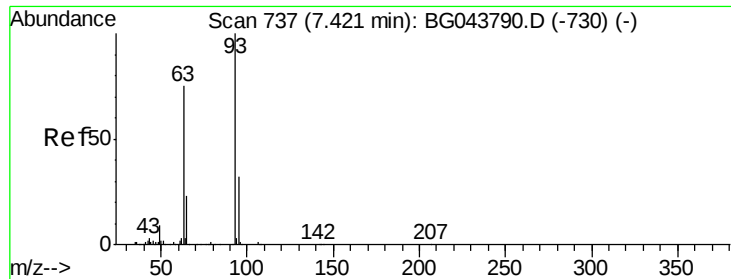
65 28.7 9.5 49.5

66 34.1 16.8 56.8



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

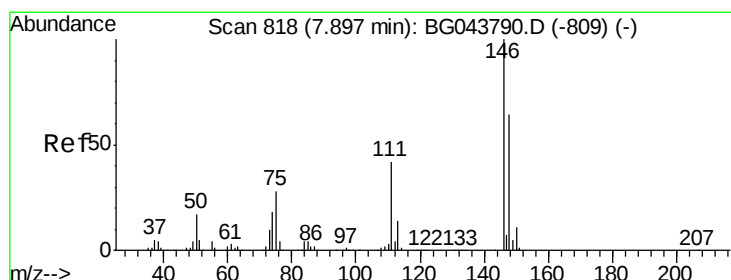
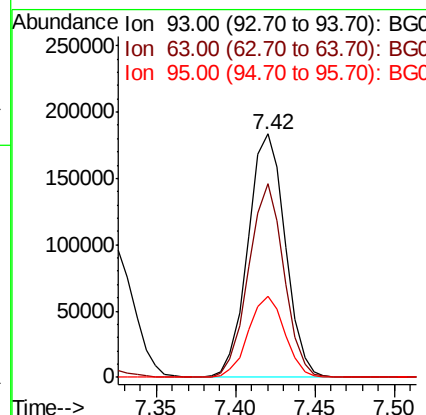
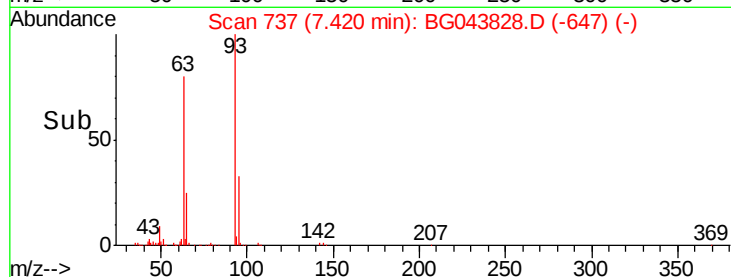
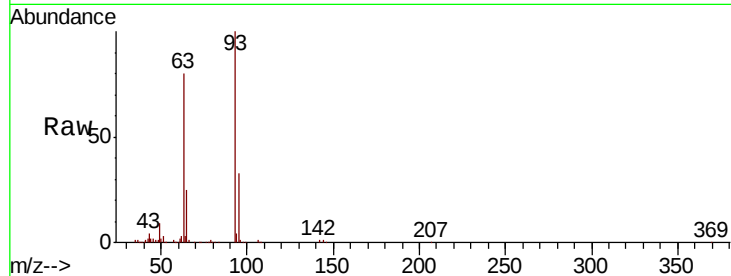




#11
bis(2-Chloroethyl)ether
Concen: 38.893 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

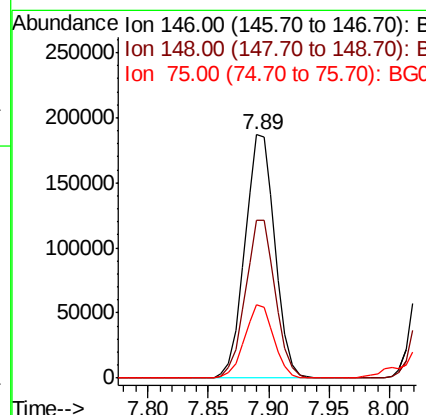
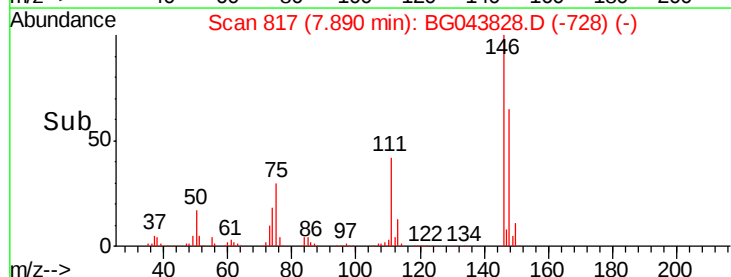
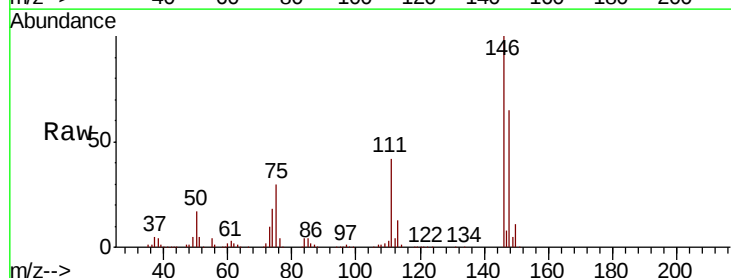
Instrument :
BNA_G
ClientSampled :

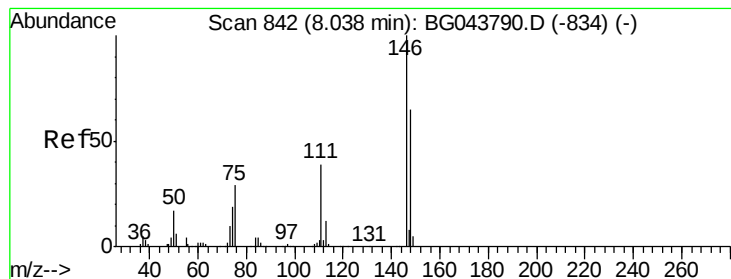
Tot Ion: 93 Resp: 298262
Ion Ratio Lower Upper
93 100
63 79.7 54.7 94.7
95 33.3 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 38.045 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion: 146 Resp: 322499
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
75 30.0 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 38.501 ng

RT: 8.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampled :

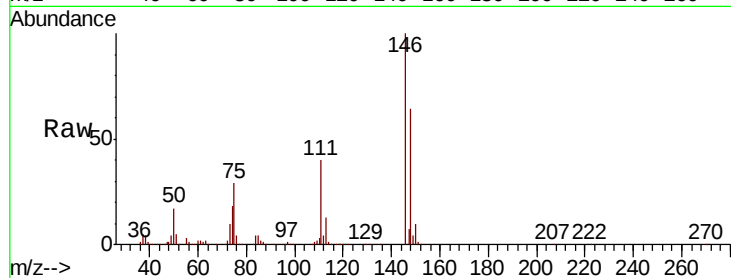
Tot Ion:146 Resp: 326232

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.8

111 39.8 31.4 47.2

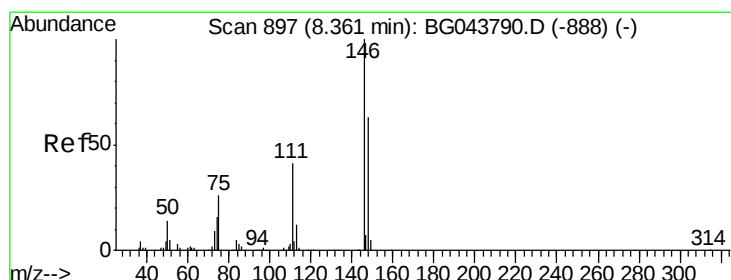
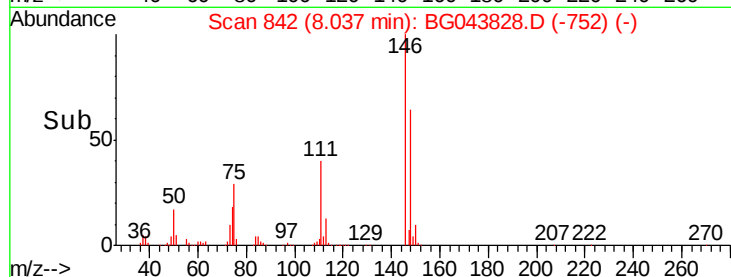
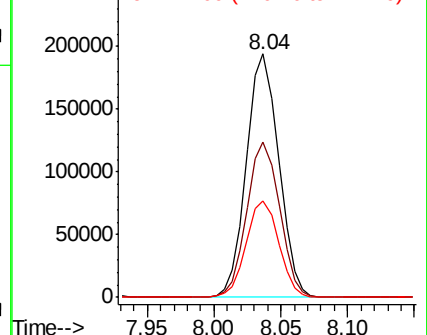


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.543 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

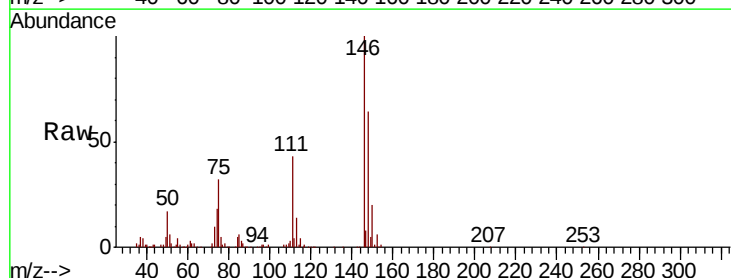
Tgt Ion:146 Resp: 306494

Ion Ratio Lower Upper

146 100

148 64.1 50.2 75.2

111 43.2 33.4 50.2

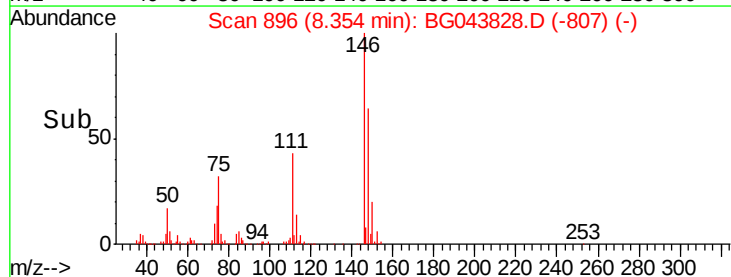
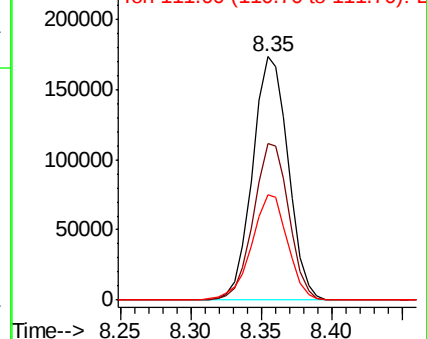


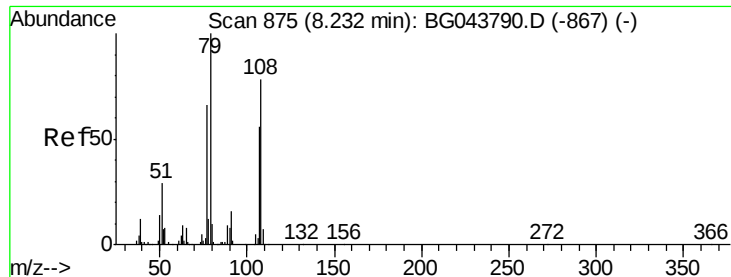
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.520 ng

RT: 8.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampleId :

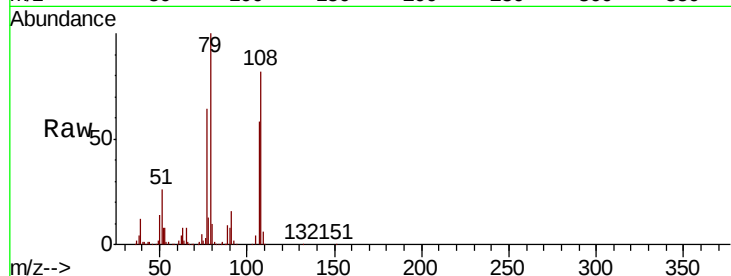
Tot Ion: 79 Resp: 296213

Ion Ratio Lower Upper

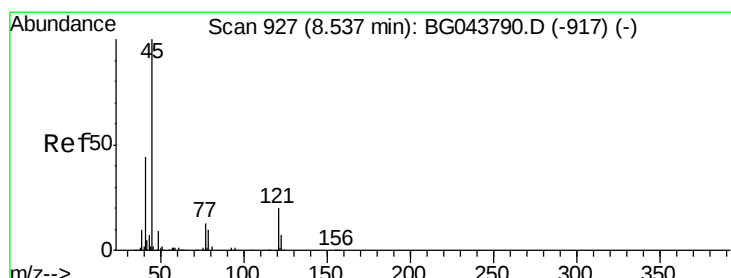
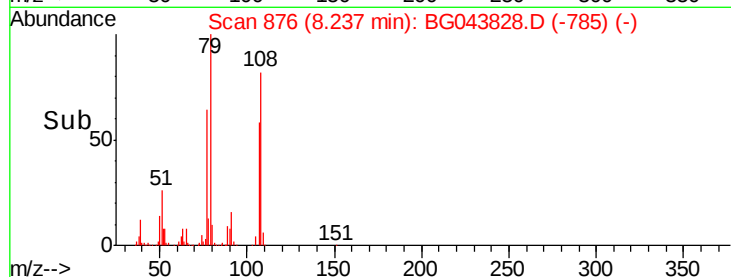
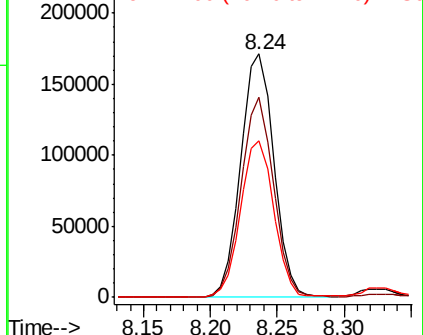
79 100

108 82.3 62.2 93.2

77 64.1 52.8 79.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.802 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

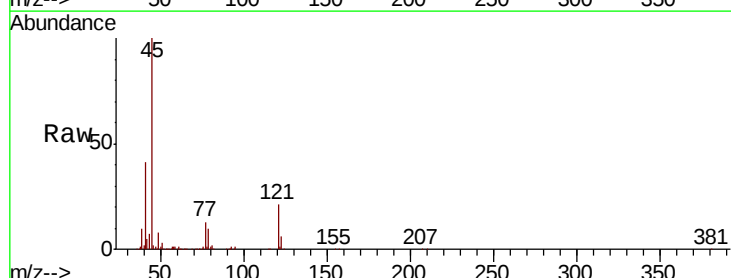
Tgt Ion: 45 Resp: 452324

Ion Ratio Lower Upper

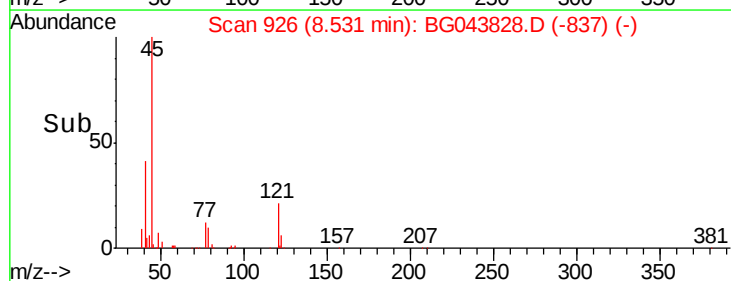
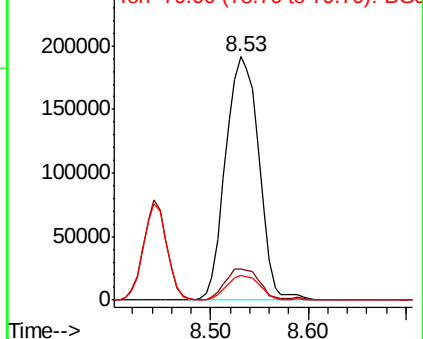
45 100

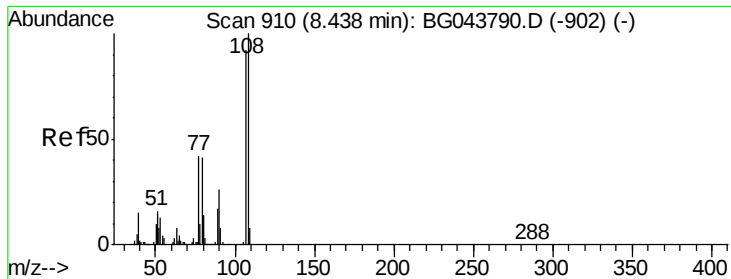
77 12.9 0.0 33.6

79 10.3 0.0 29.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 45.302 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 292260

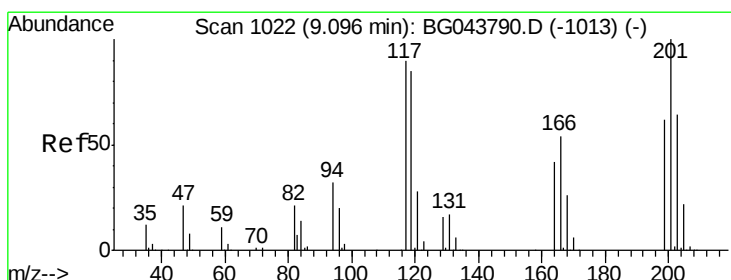
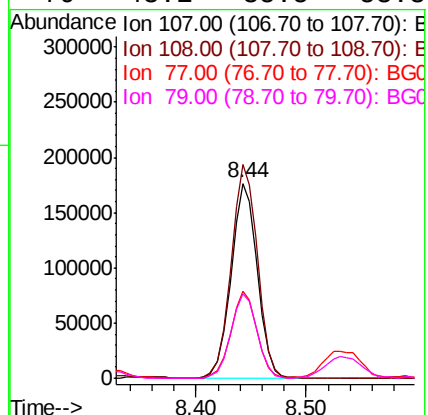
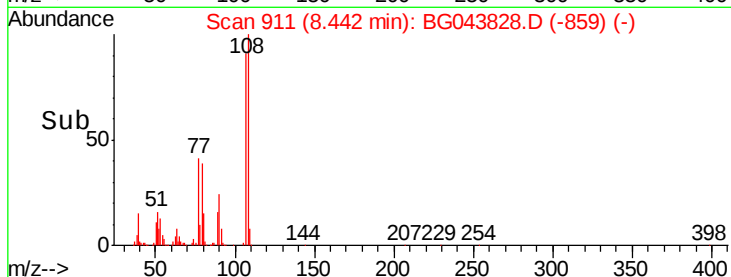
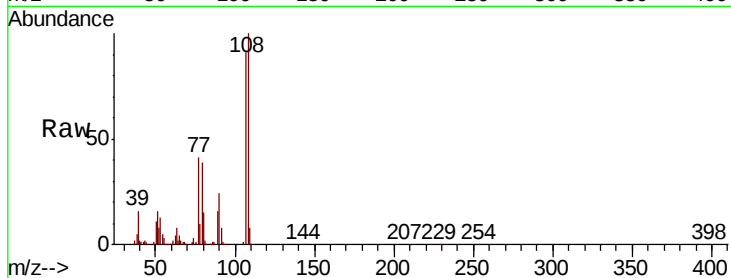
Ion Ratio Lower Upper

107 100

108 109.7 87.2 130.8

77 44.8 36.6 54.8

79 43.1 35.5 53.3



#18

Hexachloroethane

Concen: 38.628 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

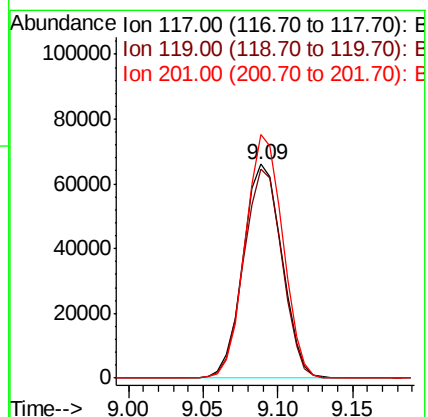
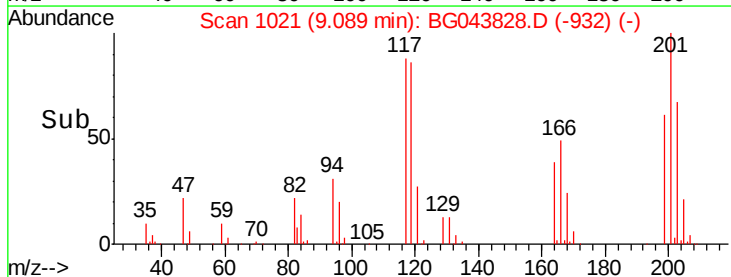
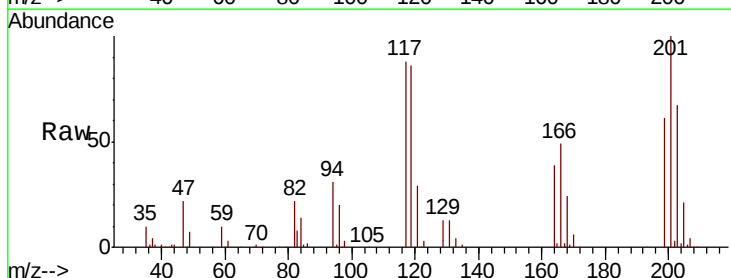
Tgt Ion:117 Resp: 118934

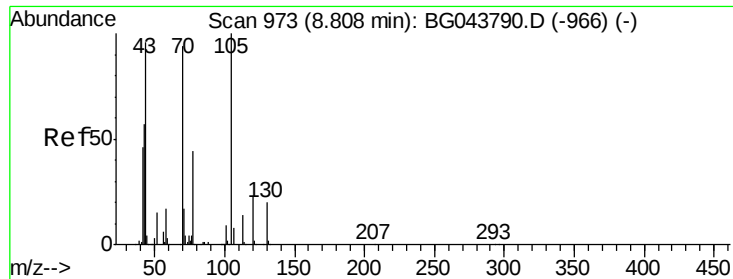
Ion Ratio Lower Upper

117 100

119 97.8 75.6 113.4

201 114.0 88.6 133.0

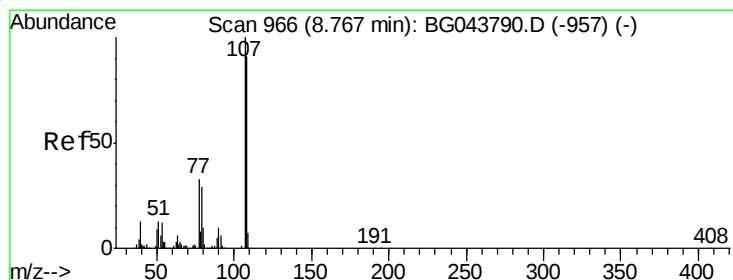
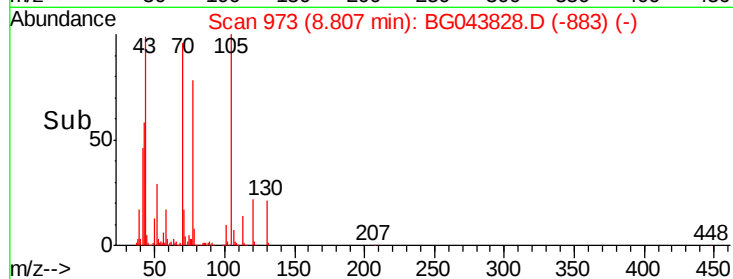
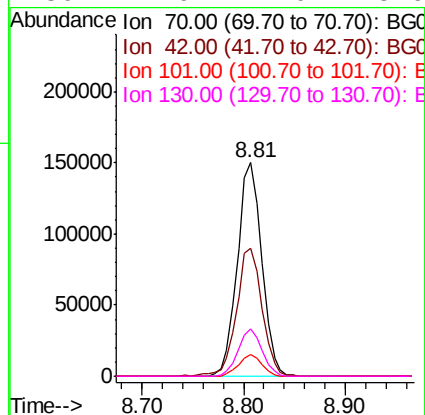
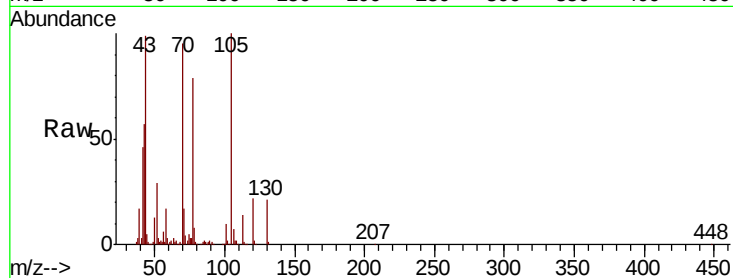




#19
n-Nitroso-di-n-propylamine
Concen: 37.568 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

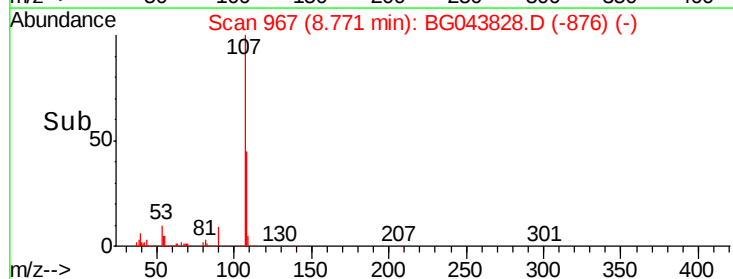
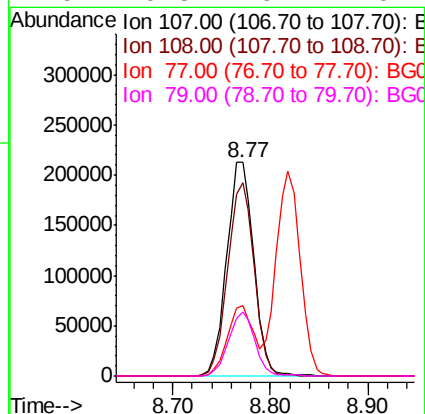
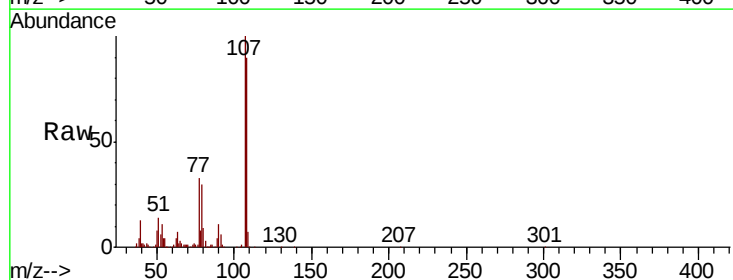
Instrument :
BNA_G
ClientSampleId :

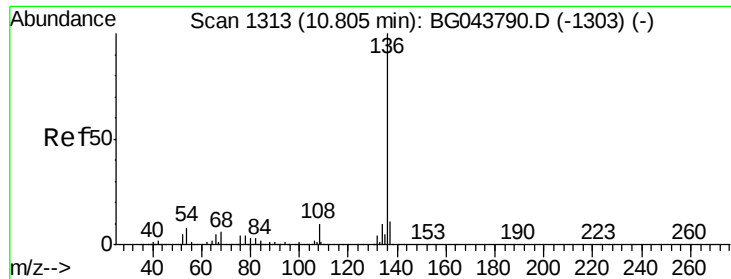
Tot Ion:	70	Resp:	251422
Ion	Ratio	Lower	Upper
70	100		
42	60.2	49.2	73.8
101	10.1	7.8	11.6
130	21.9	17.0	25.6



#20
3+4-Methylphenols
Concen: 45.377 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion:	107	Resp:	407634
Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.9	110.9
77	33.0	12.7	52.7
79	29.8	9.1	49.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 514681

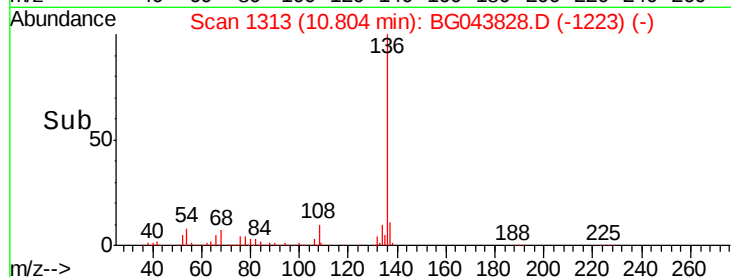
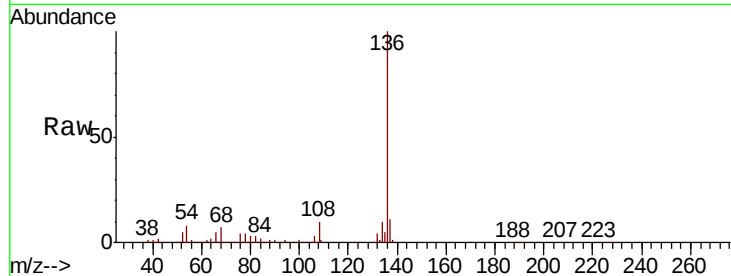
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 8.4 6.8 10.2

68 6.6 5.0 7.4



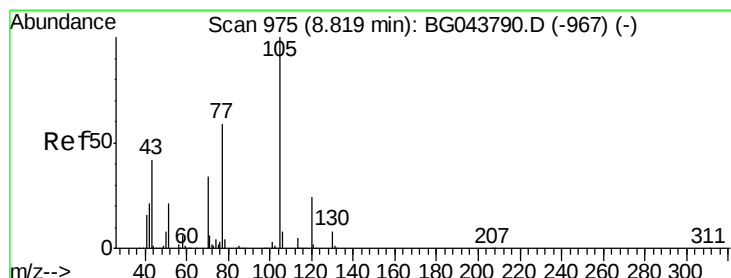
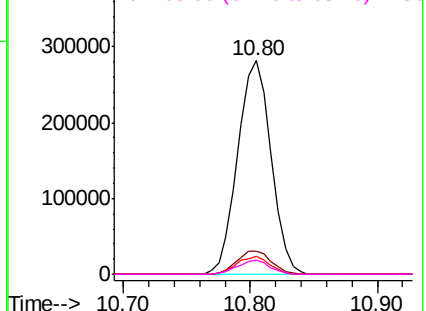
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 36.186 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Tgt Ion:105 Resp: 464473

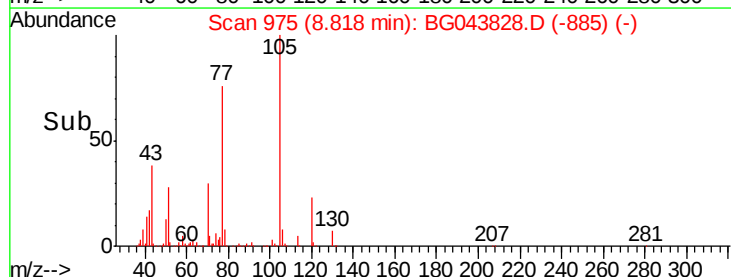
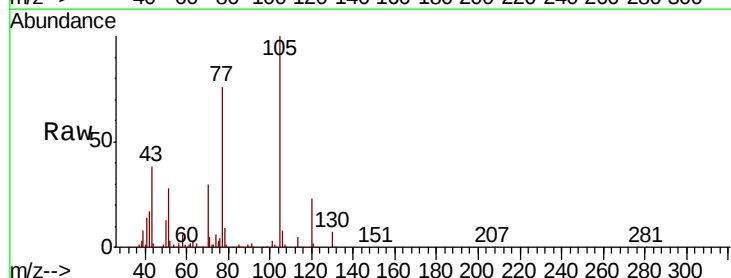
Ion Ratio Lower Upper

105 100

71 4.8 4.9 7.3#

51 27.9 22.2 33.4

120 23.2 19.0 28.6



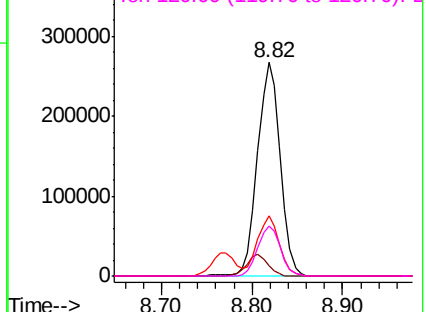
Abundance

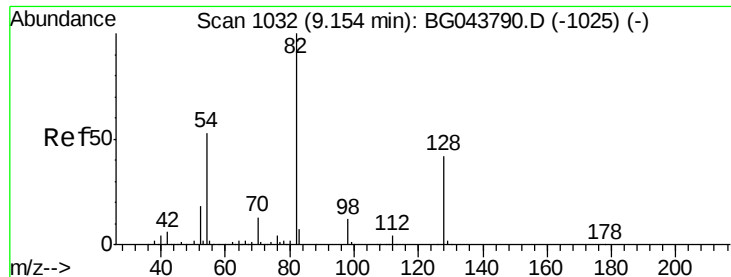
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 71.748 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampled :

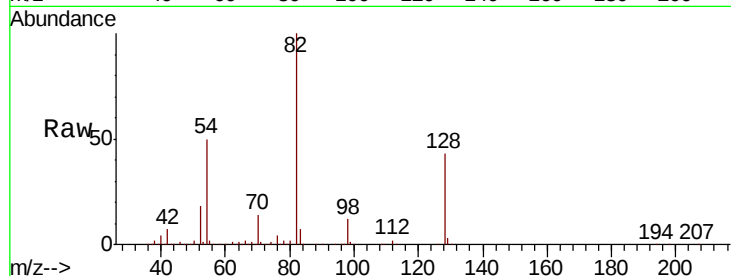
Tot Ion: 82 Resp: 657691

Ion Ratio Lower Upper

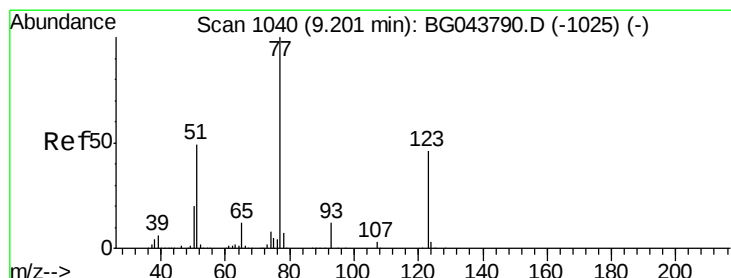
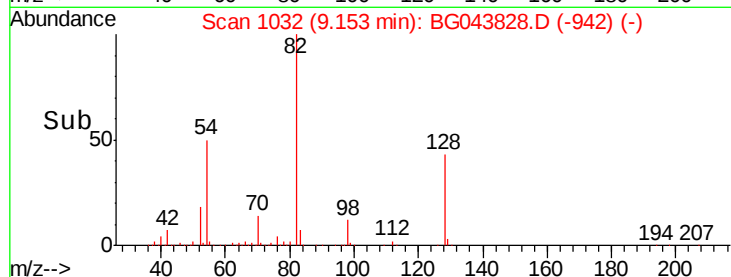
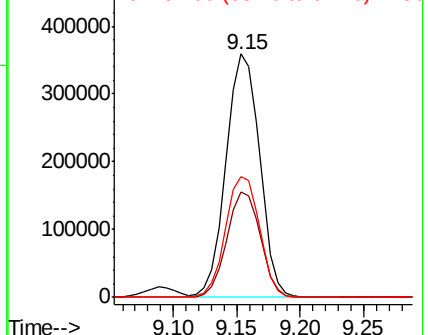
82 100

128 43.2 33.6 50.4

54 49.5 42.1 63.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 38.077 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

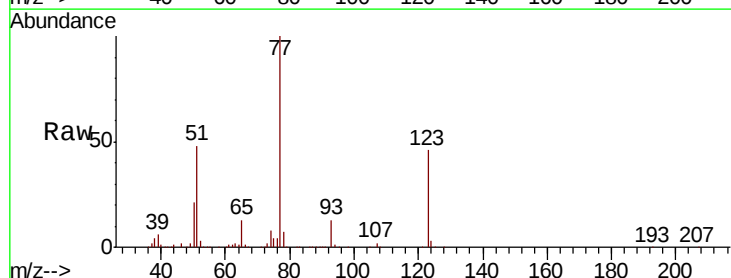
Tgt Ion: 77 Resp: 355523

Ion Ratio Lower Upper

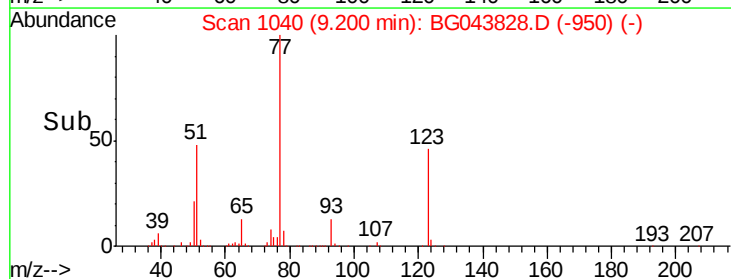
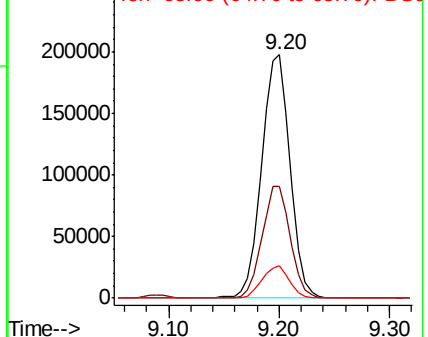
77 100

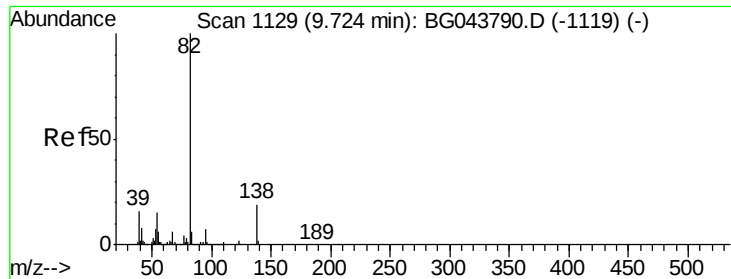
123 45.9 36.6 55.0

65 13.3 9.8 14.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 37.693 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampled :

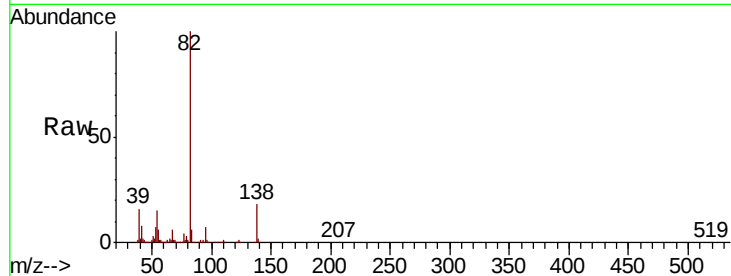
Tot Ion: 82 Resp: 690051

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

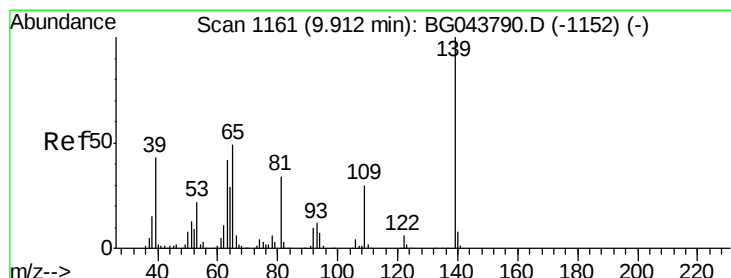
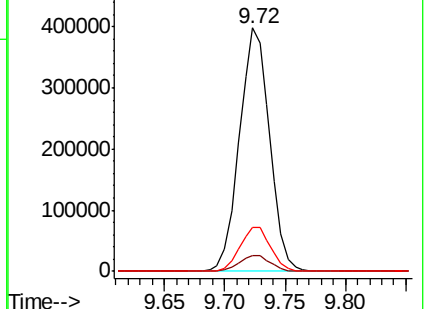
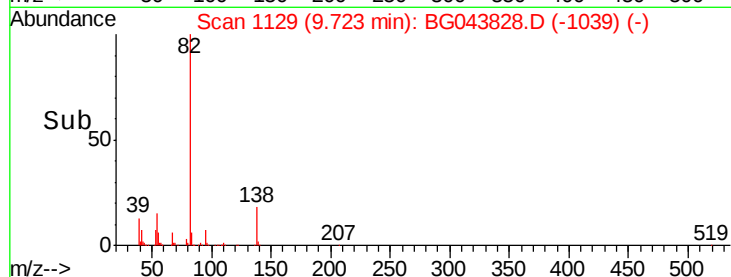
138 18.2 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BG043828.D (-1039) (-)

Ion 95.00 (94.70 to 95.70): BG043828.D (-1039) (-)

Ion 138.00 (137.70 to 138.70): BG043828.D (-1039) (-)



#26

2-Nitrophenol

Concen: 48.081 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

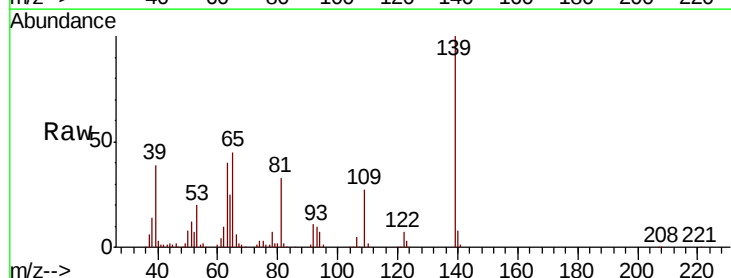
Tgt Ion: 139 Resp: 175593

Ion Ratio Lower Upper

139 100

109 27.3 23.9 35.9

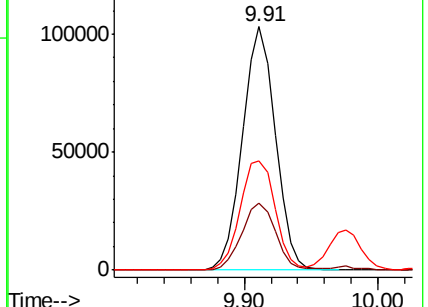
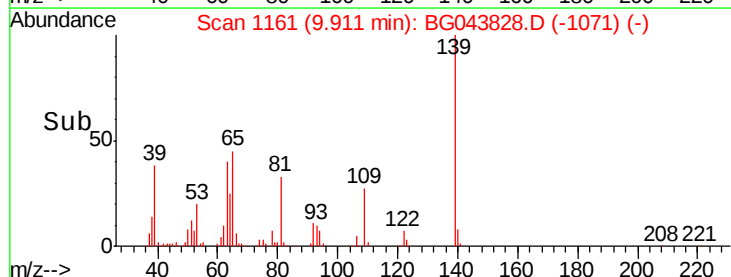
65 45.0 39.3 58.9

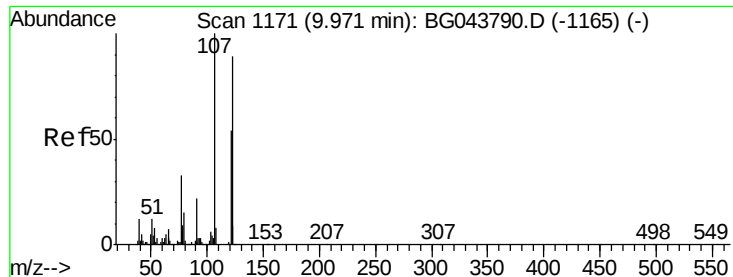


Abundance Ion 139.00 (138.70 to 139.70): BG043828.D (-1071) (-)

Ion 109.00 (108.70 to 109.70): BG043828.D (-1071) (-)

Ion 65.00 (64.70 to 65.70): BG043828.D (-1071) (-)





#27

2,4-Dimethylphenol

Concen: 44.526 ng

RT: 9.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampled :

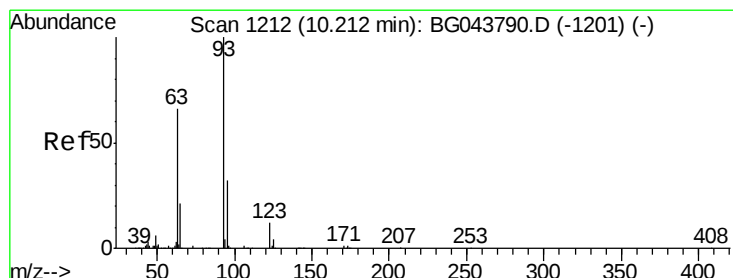
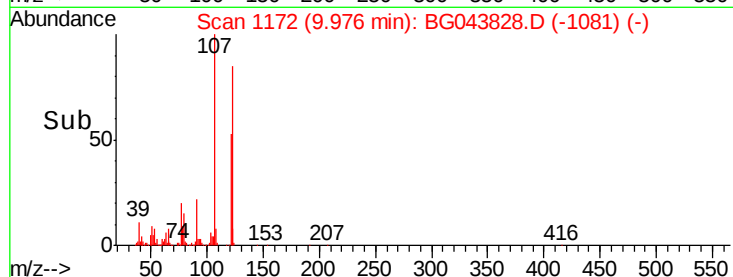
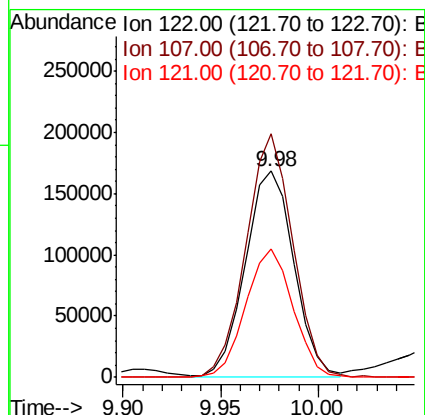
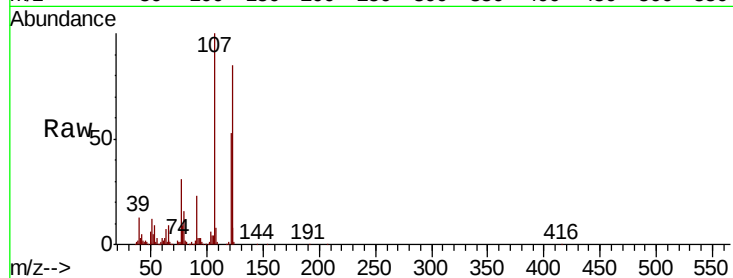
Tot Ion:122 Resp: 288049

Ion Ratio Lower Upper

122 100

107 118.1 90.0 135.0

121 62.1 48.6 73.0



#28

bis(2-Chloroethoxy)methane

Concen: 36.837 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

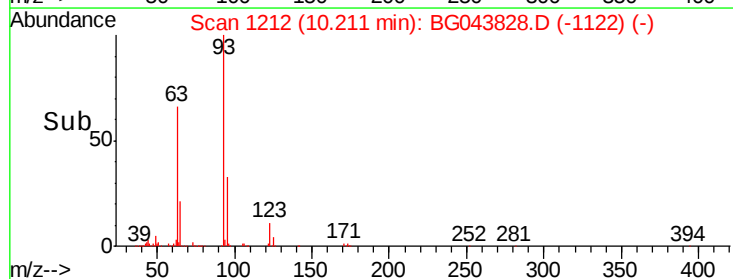
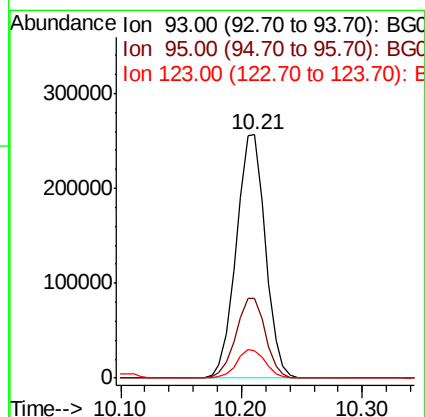
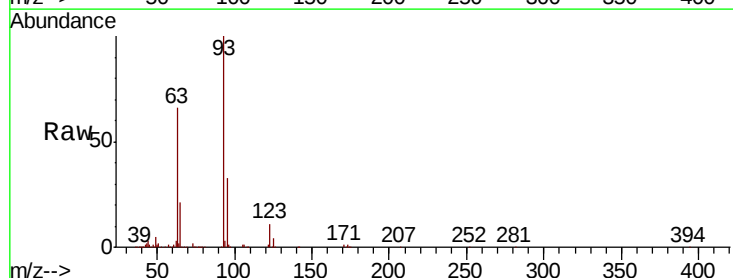
Tgt Ion: 93 Resp: 431676

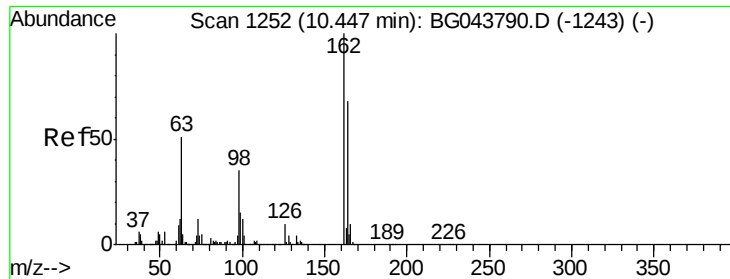
Ion Ratio Lower Upper

93 100

95 32.7 25.7 38.5

123 11.3 9.5 14.3

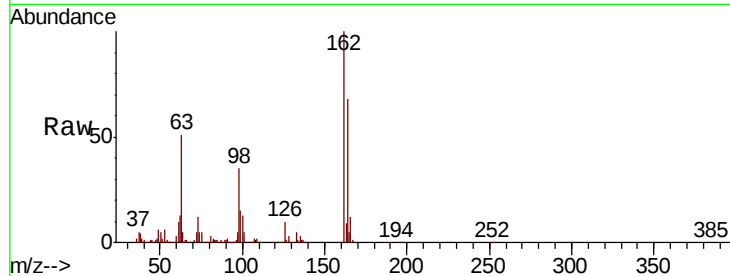




#29
 2,4-Dichlorophenol
 Concen: 45.045 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.5	48.0	88.0
98	35.1	14.9	54.9

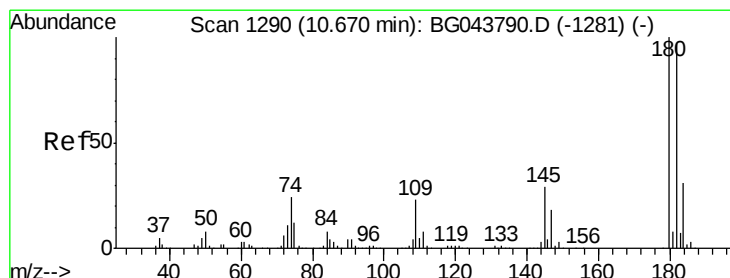
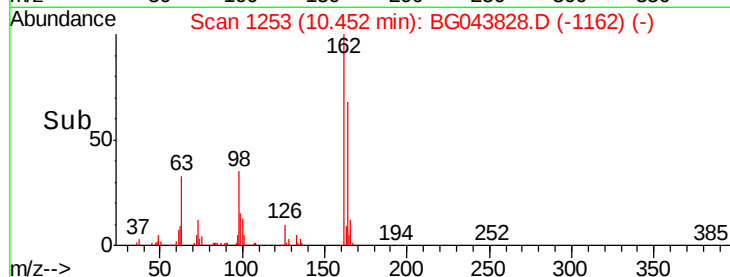
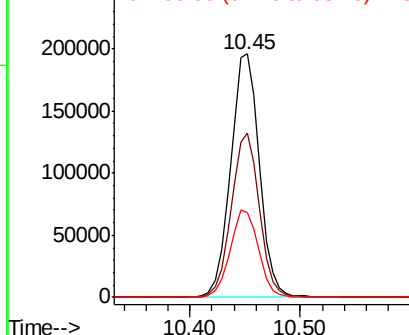


Abundance

Ion 162.00 (161.70 to 162.70): E

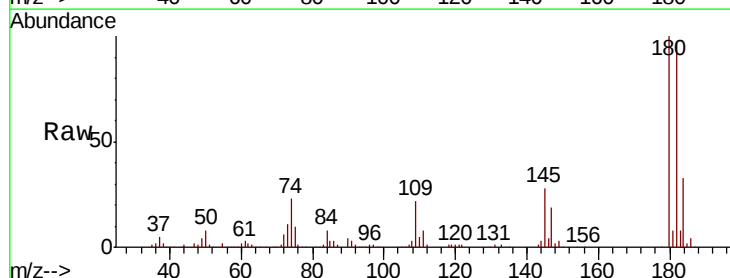
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 36.373 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.8	116.8
145	28.5	23.0	34.6

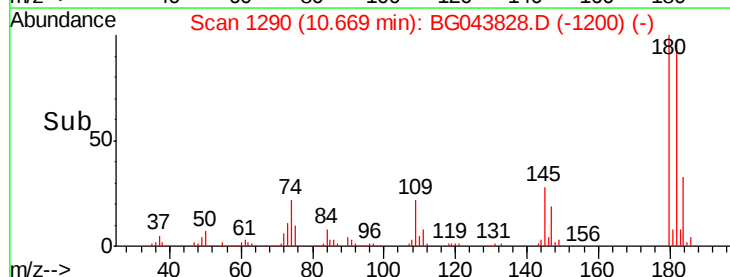
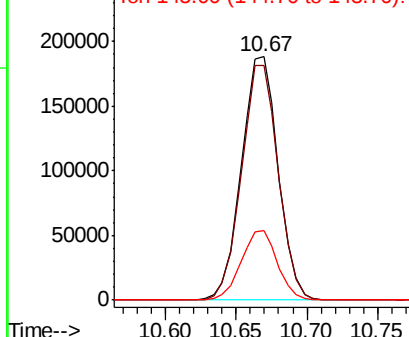


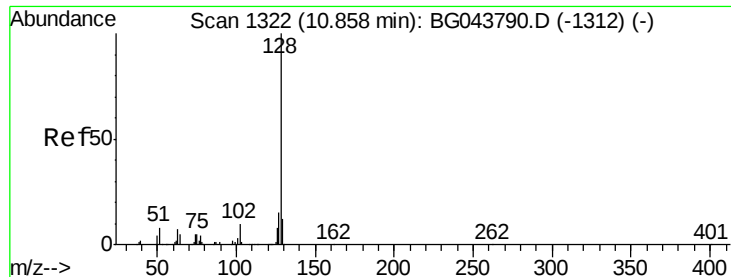
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

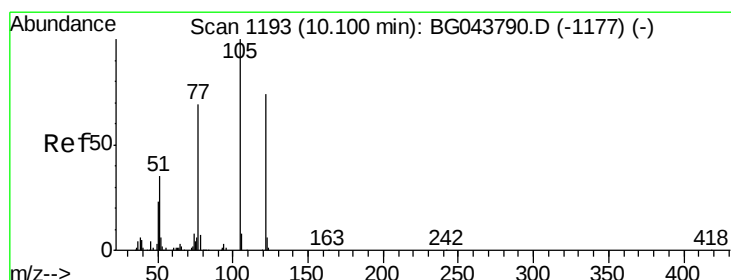
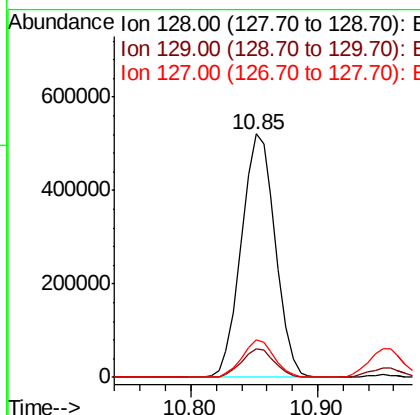
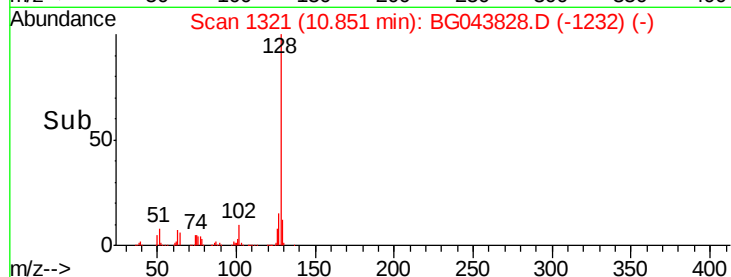
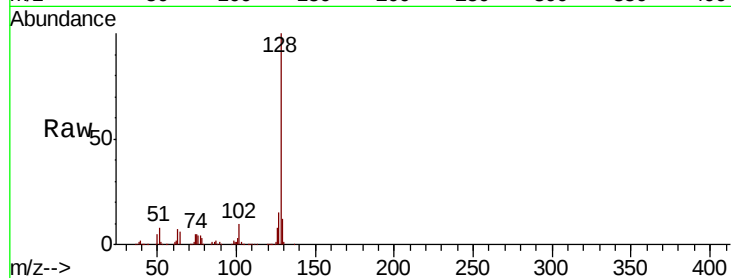




#31
Naphthalene
Concen: 39.136 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

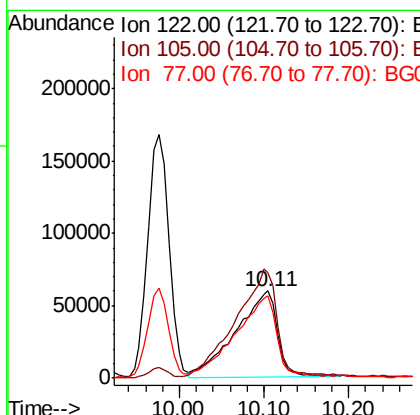
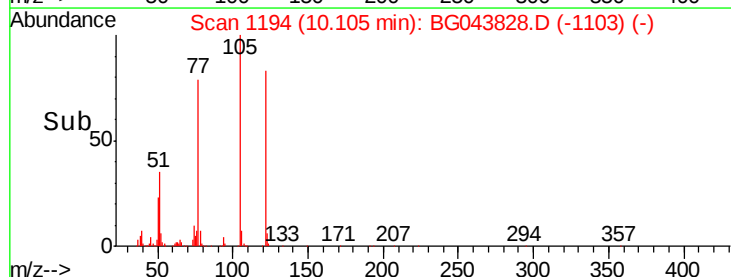
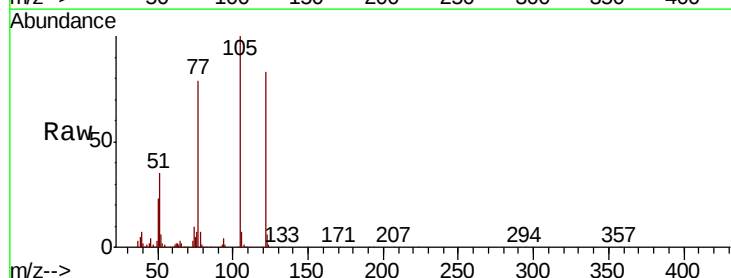
Instrument :
BNA_G
ClientSampleId :

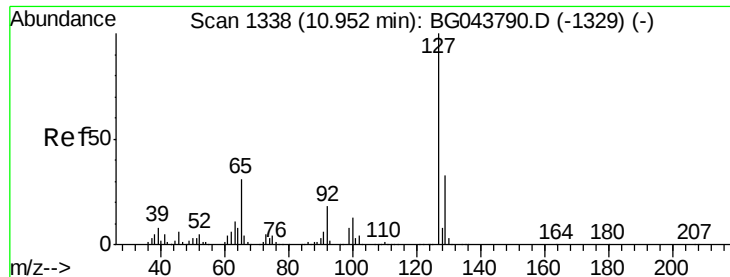
Tot Ion:128	Resp:	966493
Ion	Ratio	Lower Upper
128	100	
129	11.9	9.8 14.6
127	15.2	11.9 17.9



#32
Benzoic acid
Concen: 45.299 ng
RT: 10.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion:122	Resp:	201482
Ion	Ratio	Lower Upper
122	100	
105	120.6	107.5 147.5
77	95.0	71.7 111.7

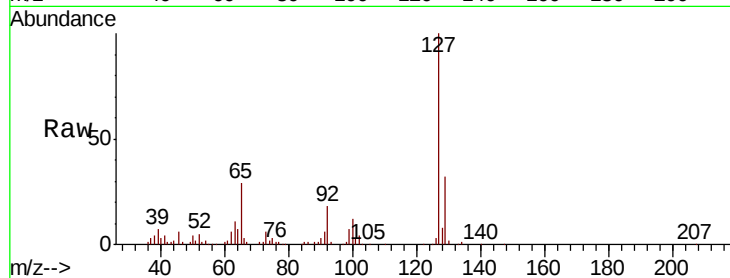




#33
4-Chloroaniline
Concen: 9.811 ng
RT: 10.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	117471
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.1	39.1
65	29.4	24.4	36.6
92	17.9	14.6	22.0



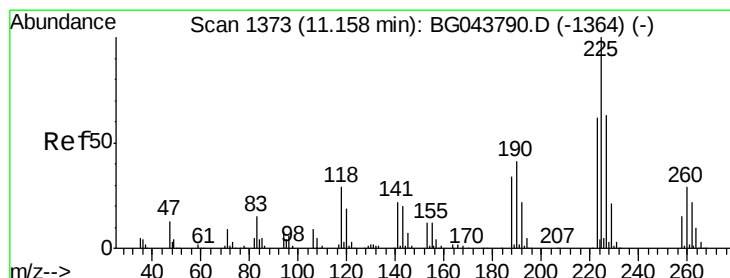
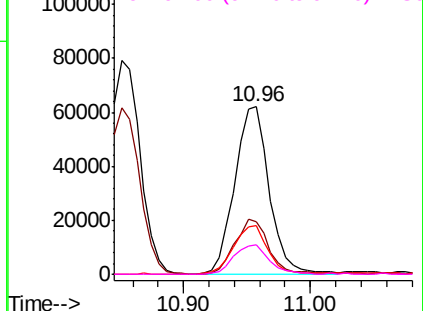
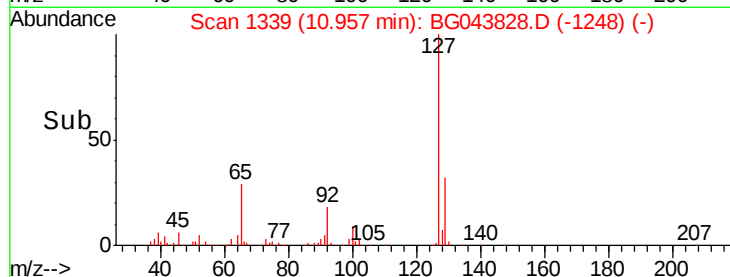
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

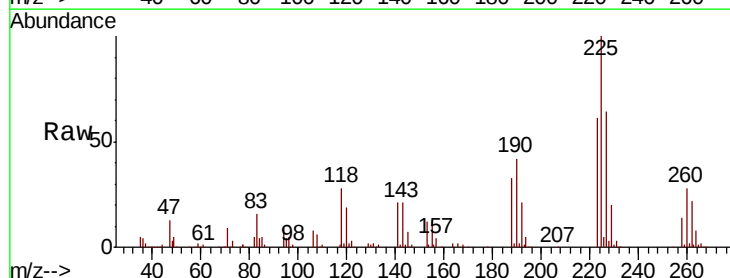
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 35.769 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion:	225	Resp:	203816
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.3	73.9
227	64.0	50.2	75.2

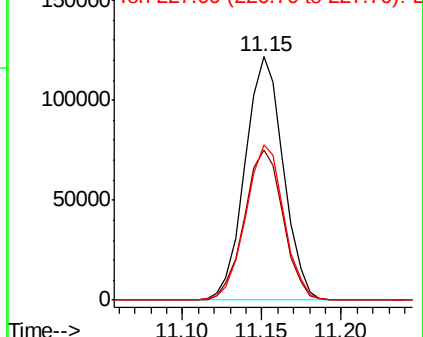
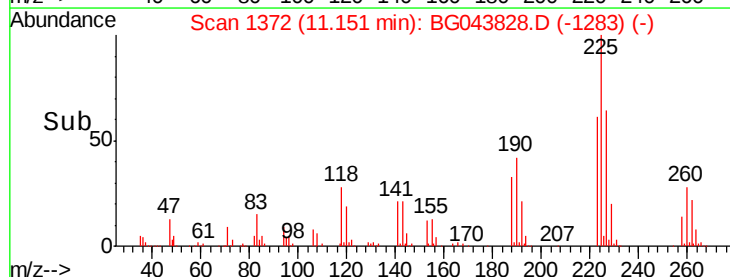


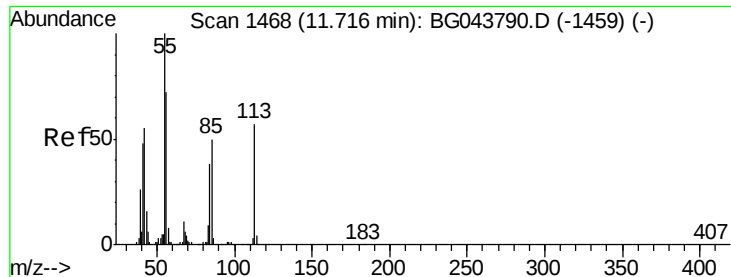
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

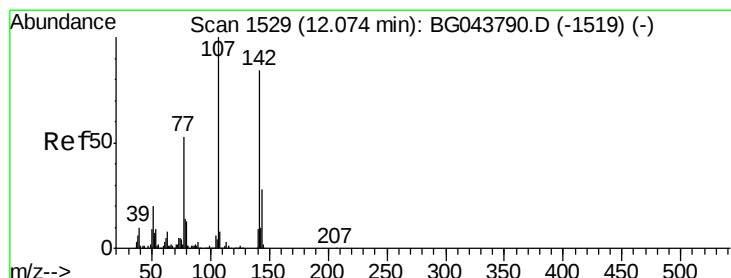
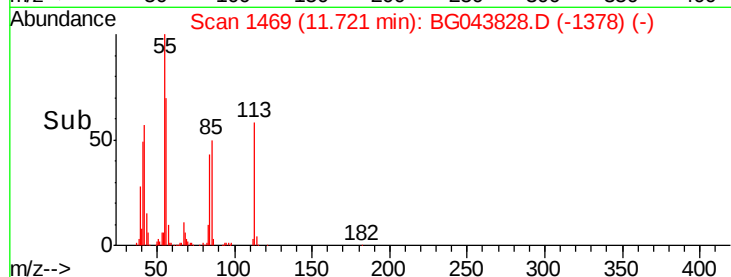
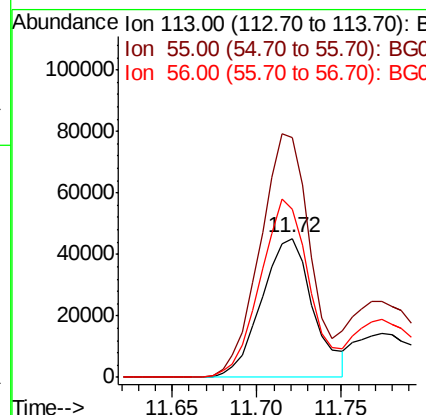
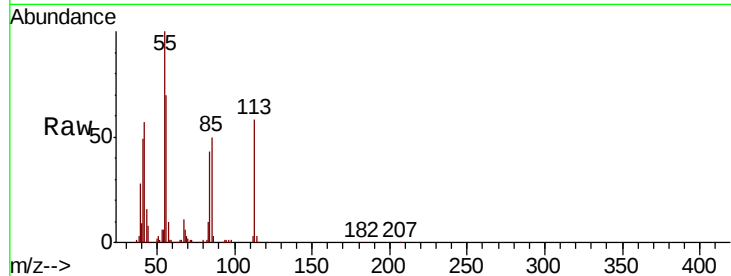




#35
Caprolactam
Concen: 30.769 ng
RT: 11.72 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

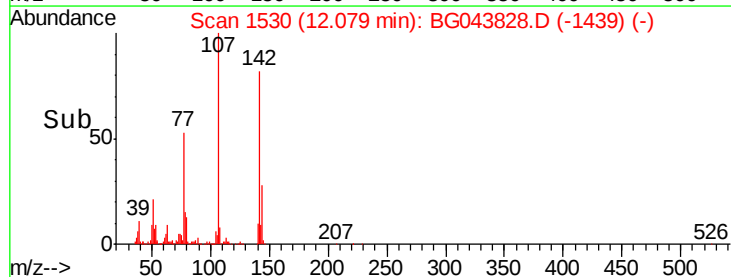
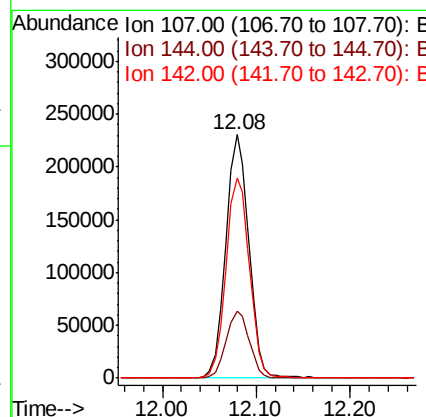
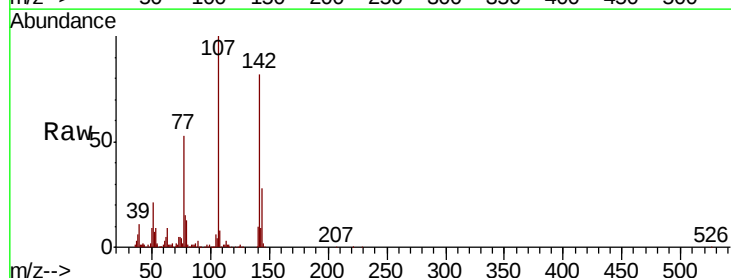
Instrument :
BNA_G
ClientSampleId :

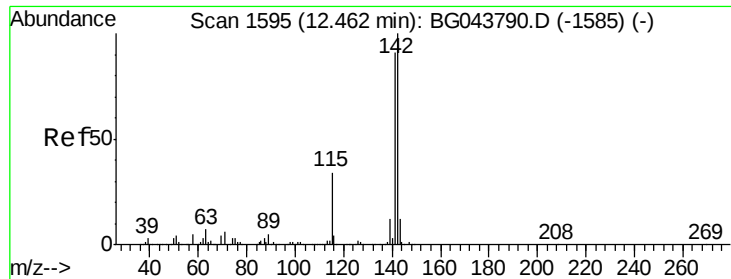
Tot Ion:113 Resp: 95931
Ion Ratio Lower Upper
113 100
55 172.6 154.2 194.2
56 121.2 105.6 145.6



#36
4-Chloro-3-methylphenol
Concen: 46.073 ng
RT: 12.08 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion:107 Resp: 394043
Ion Ratio Lower Upper
107 100
144 27.7 22.2 33.4
142 82.2 67.0 100.6

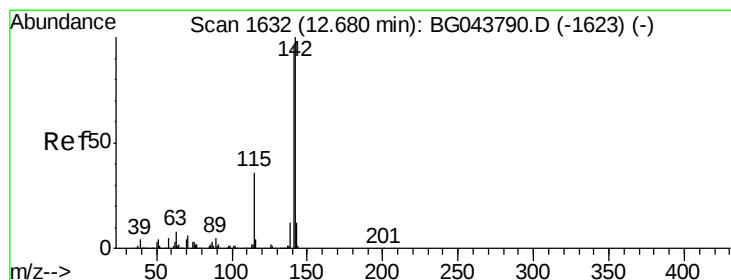
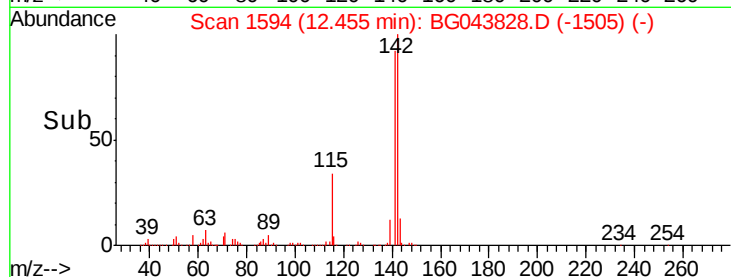
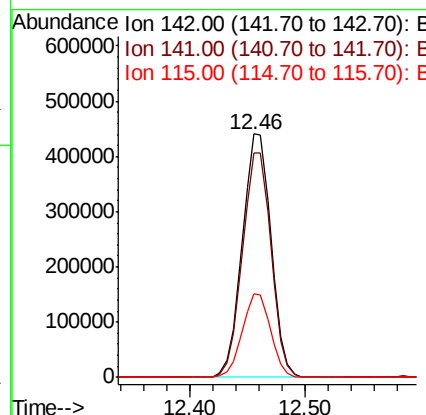
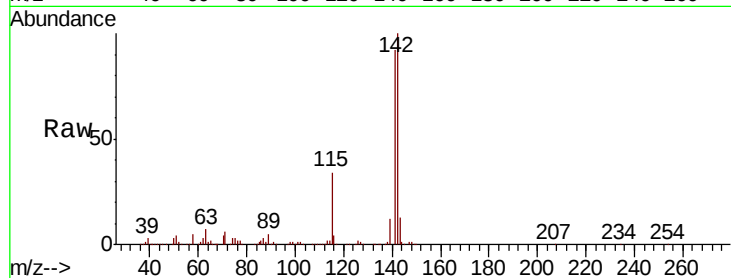




#37
 2-Methylnaphthalene
 Concen: 39.752 ng
 RT: 12.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

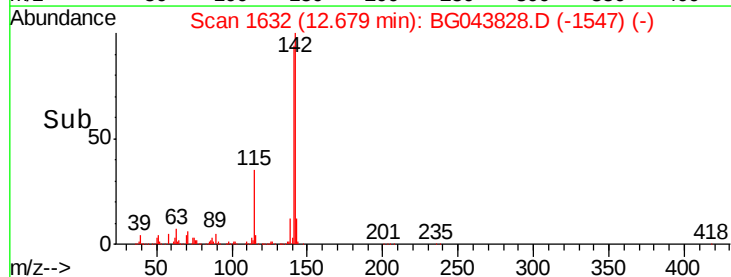
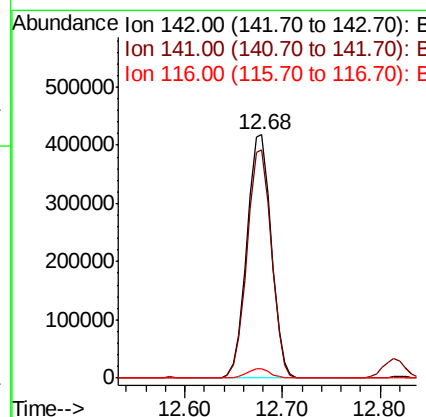
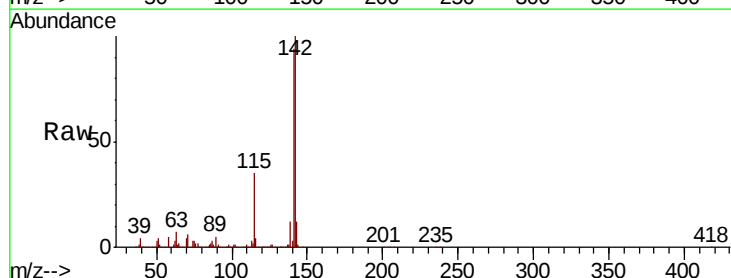
Instrument :
 BNA_G
 ClientSampleId :

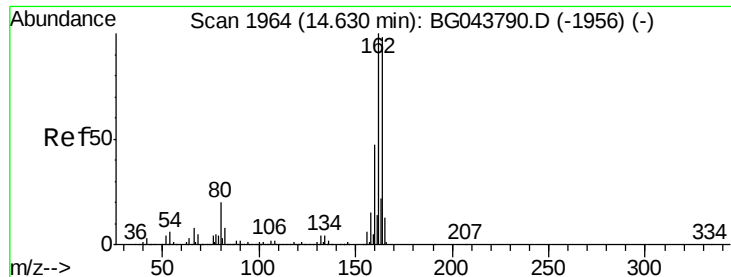
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.2	109.8
115	34.5	27.3	40.9



#38
 1-Methylnaphthalene
 Concen: 39.901 ng
 RT: 12.68 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	76.9	115.3
116	3.9	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampleId :

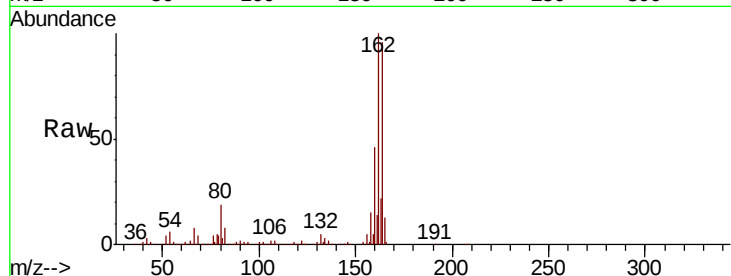
Tot Ion:164 Resp: 382840

Ion Ratio Lower Upper

164 100

162 104.3 81.9 122.9

160 48.1 38.3 57.5

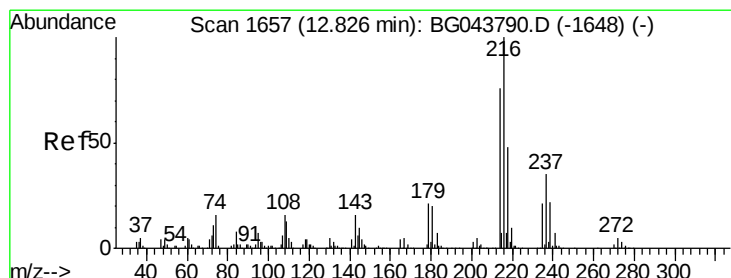
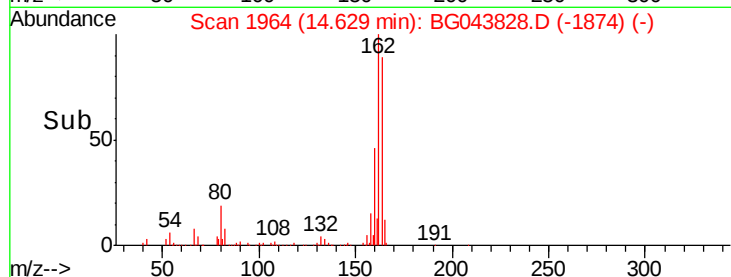
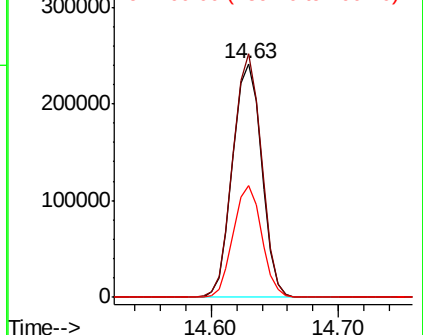


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.148 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Tgt Ion:216 Resp: 404346

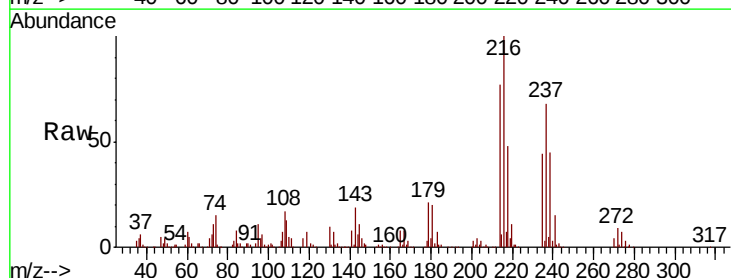
Ion Ratio Lower Upper

216 100

214 76.9 62.2 93.4

179 21.1 16.6 25.0

108 18.3 13.7 20.5



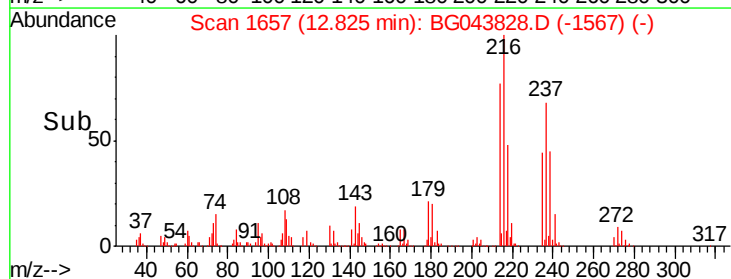
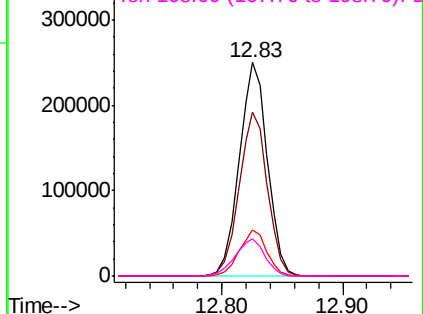
Abundance

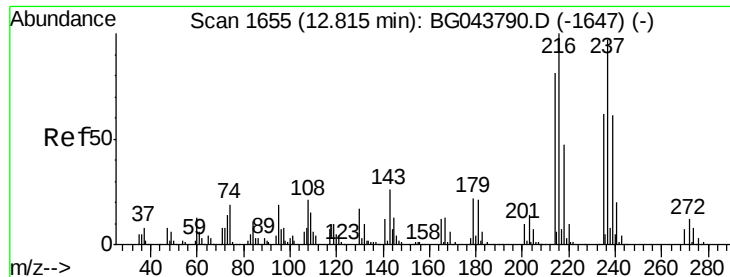
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.376 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampleId :

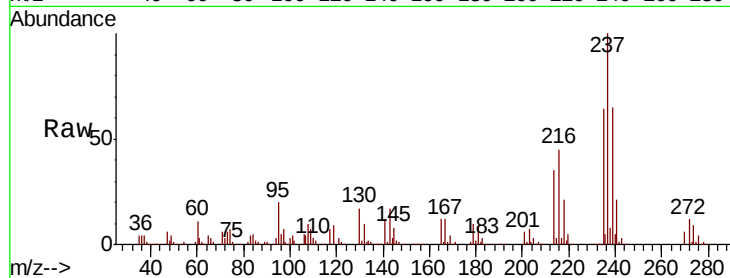
Tot Ion:237 Resp: 450202

Ion Ratio Lower Upper

237 100

235 63.8 43.9 83.9

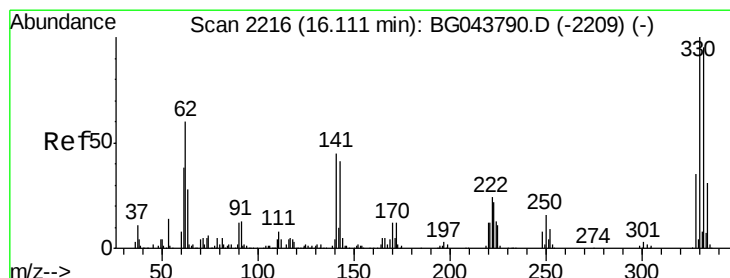
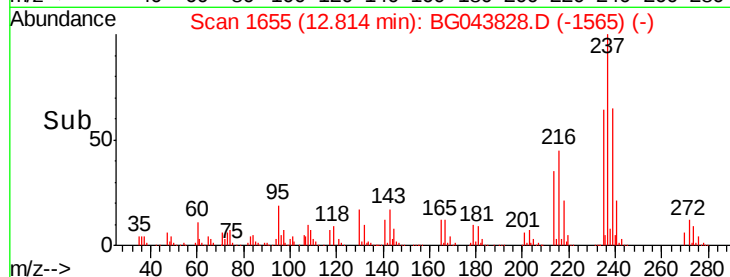
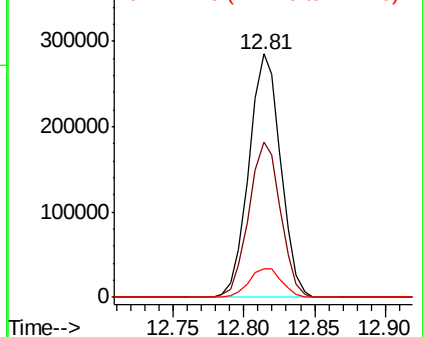
272 11.9 0.0 32.0



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: 131.204 ng

RT: 16.12 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

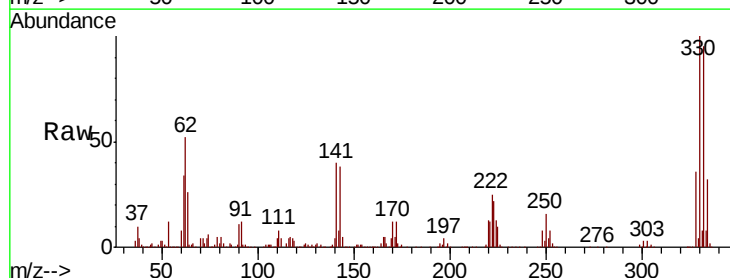
Tgt Ion:330 Resp: 478868

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

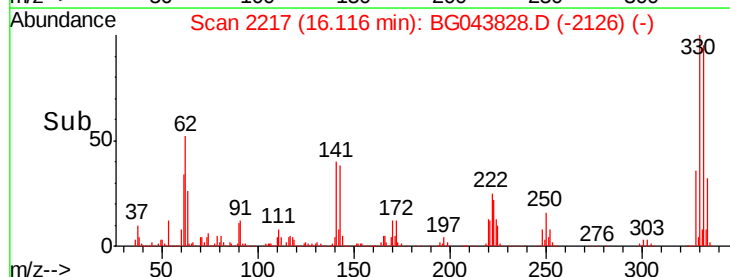
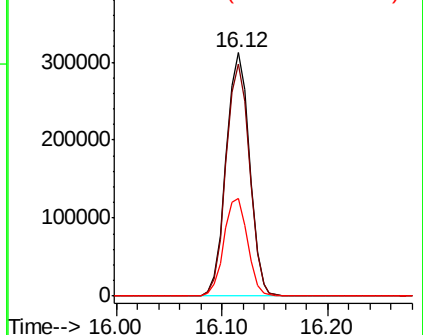
141 40.8 33.8 50.8

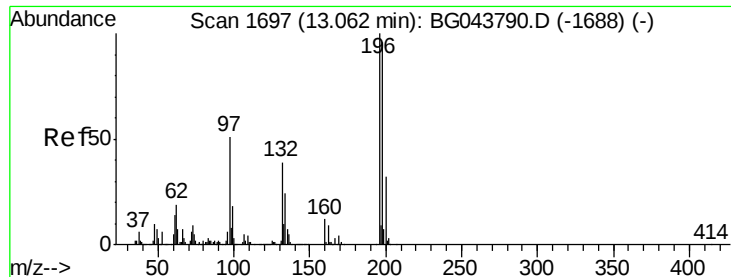


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

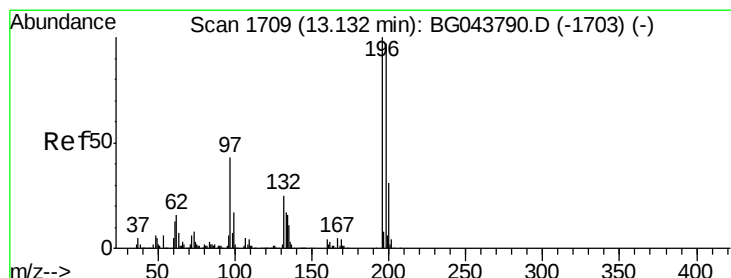
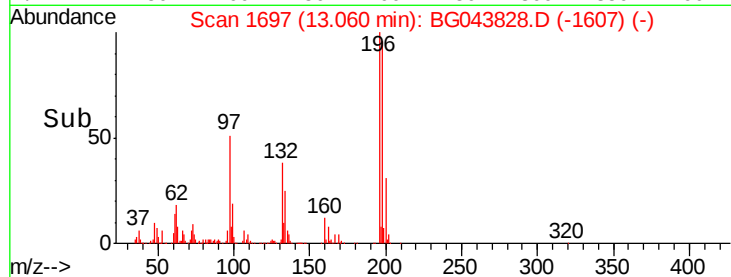
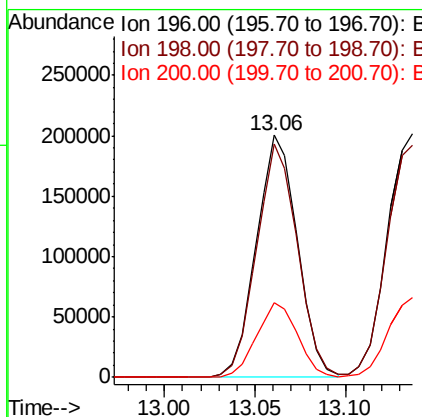
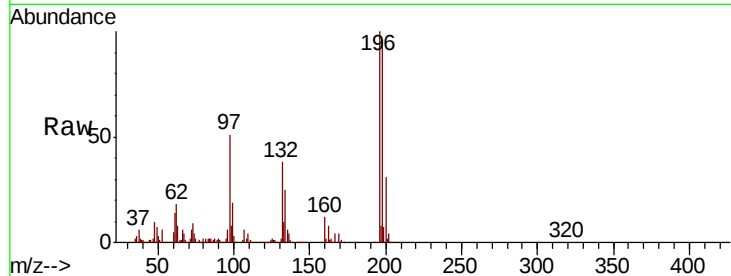




#43
 2,4,6-Trichlorophenol
 Concen: 43.108 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

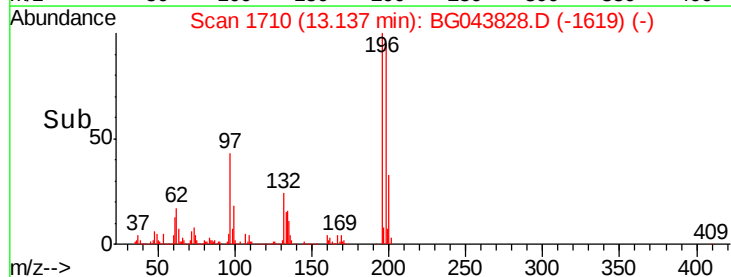
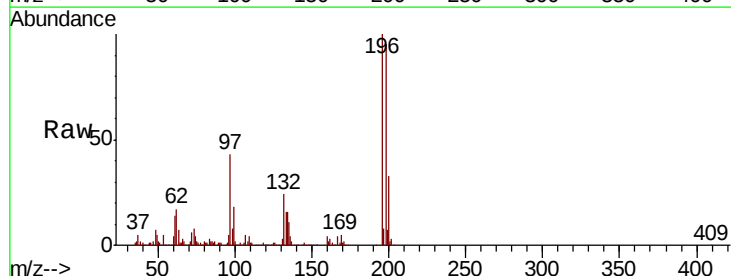
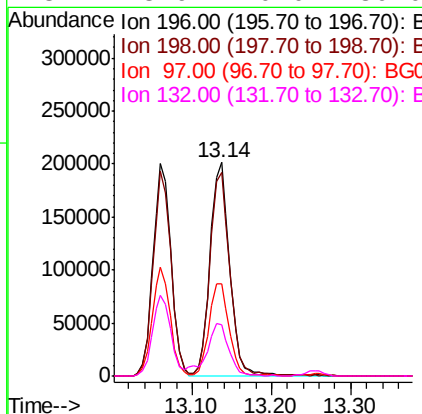
Instrument :
 BNA_G
 ClientSampled :

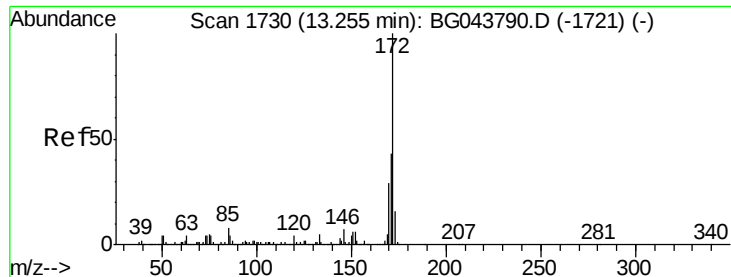
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.0	115.6
200	30.9	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 45.162 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.4	116.0
97	43.2	34.7	52.1
132	23.9	20.0	30.0

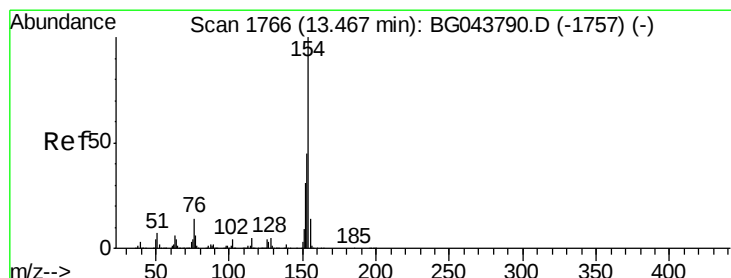
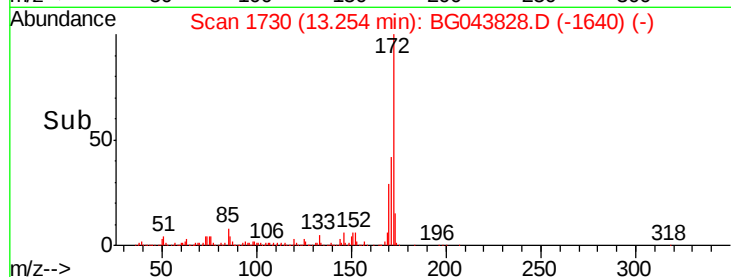
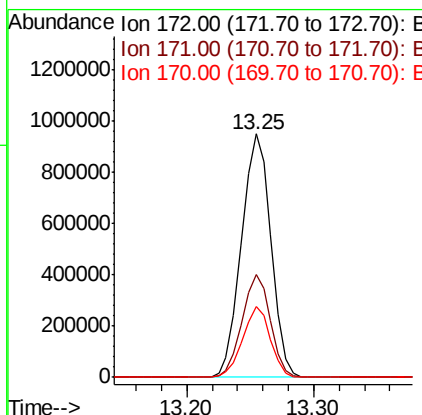
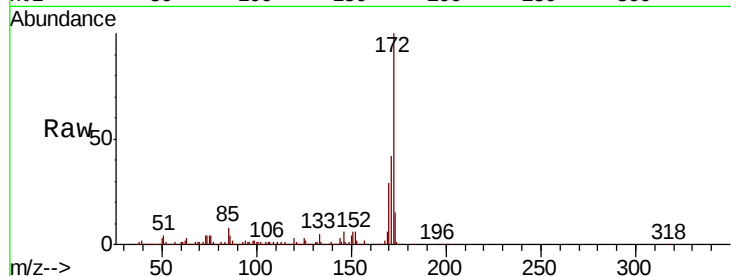




#45
2-Fluorobiphenyl
Concen: 70.059 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

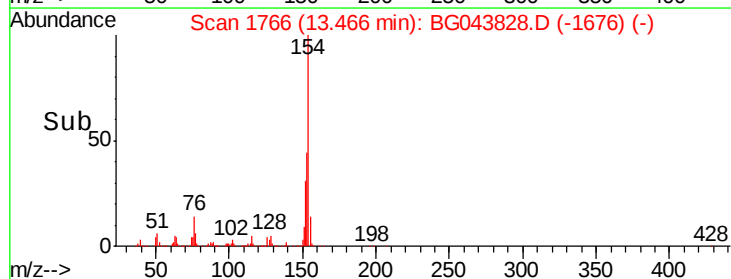
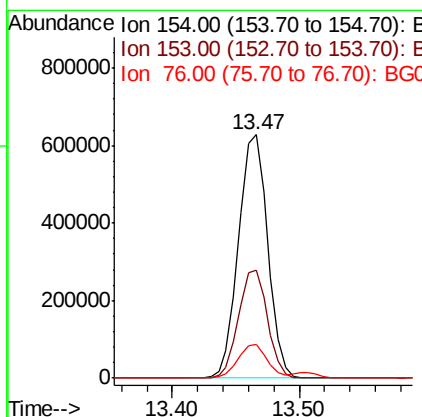
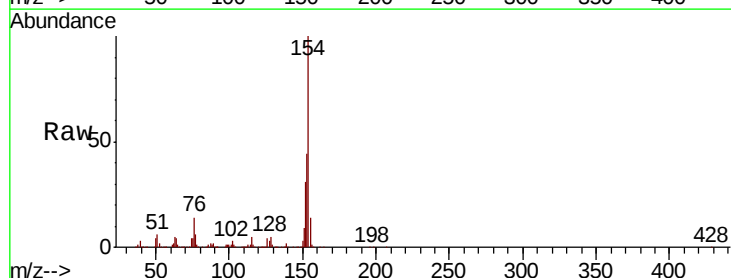
Instrument :
BNA_G
ClientSampleId :

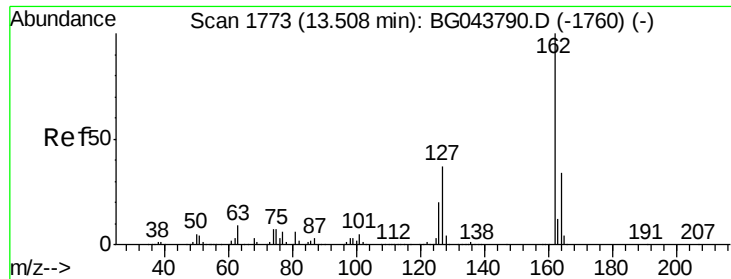
Tot Ion:172 Resp: 1526926
Ion Ratio Lower Upper
172 100
171 42.0 34.6 51.8
170 29.0 23.3 34.9



#46
1,1'-Biphenyl
Concen: 37.882 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion:154 Resp: 999841
Ion Ratio Lower Upper
154 100
153 44.5 24.5 64.5
76 13.8 0.0 33.9

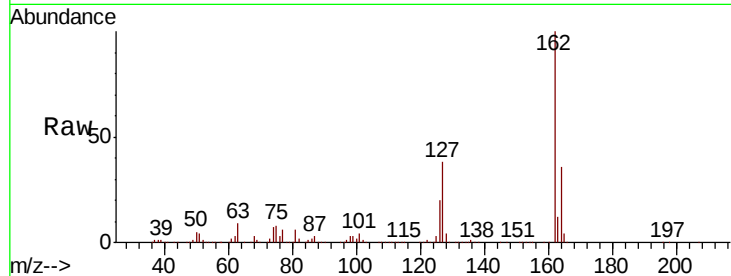




#47
 2-Chloronaphthalene
 Concen: 37.064 ng
 RT: 13.51 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.0	45.0
164	35.9	27.6	41.4

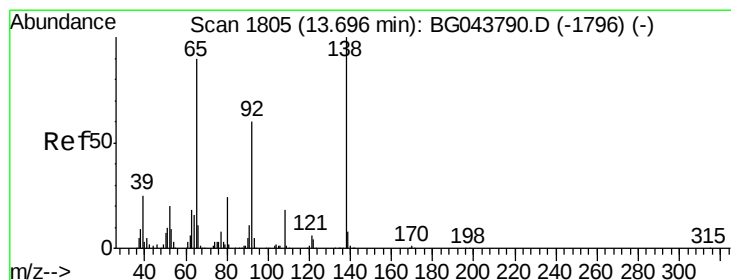
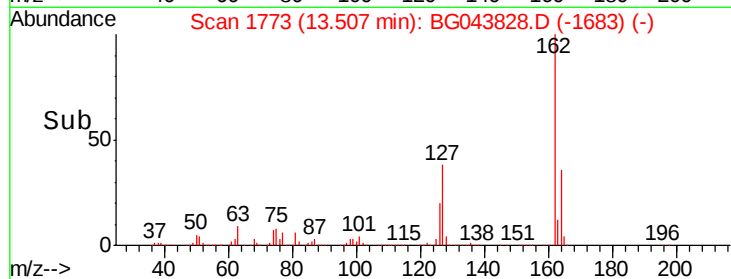
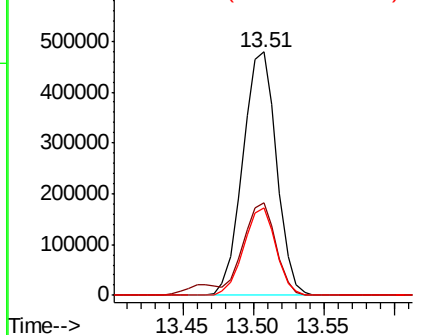


Abundance

Ion 162.00 (161.70 to 162.70): E

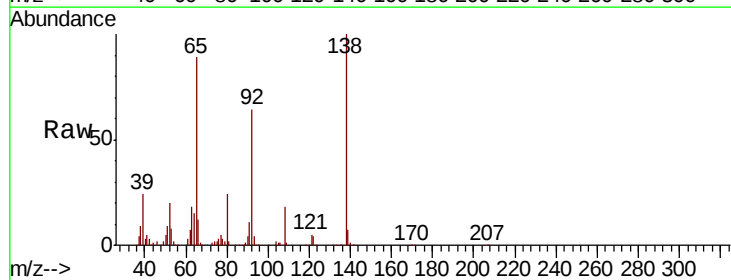
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 41.816 ng
 RT: 13.70 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.4	53.7	80.5
138	112.4	88.8	133.2

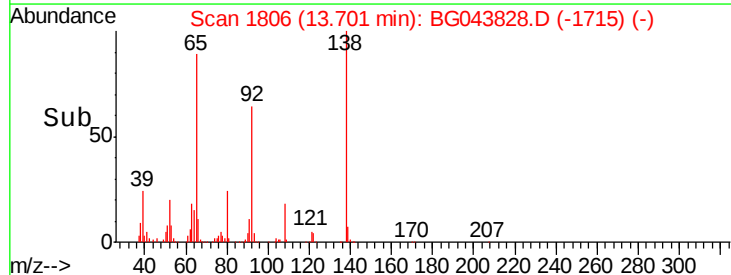
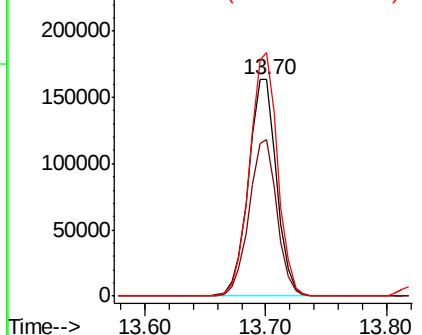


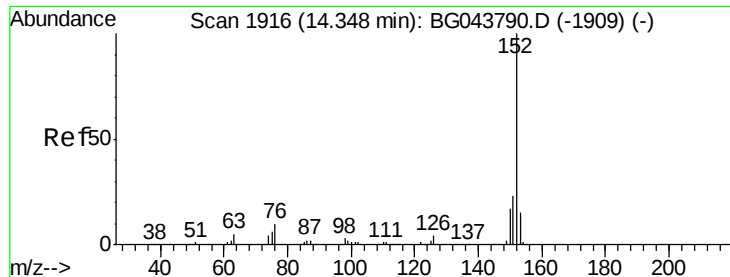
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.459 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

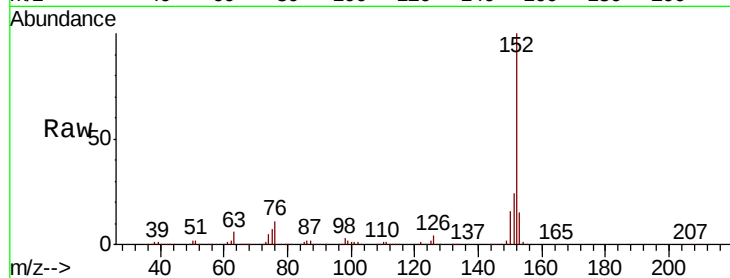
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1300435

Ion	Ratio	Lower	Upper
152	100		
151	23.6	18.5	27.7
153	15.2	11.8	17.8

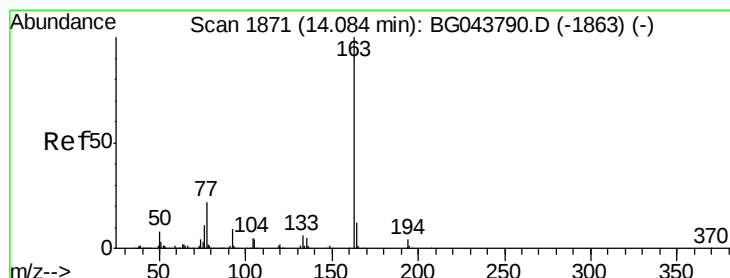
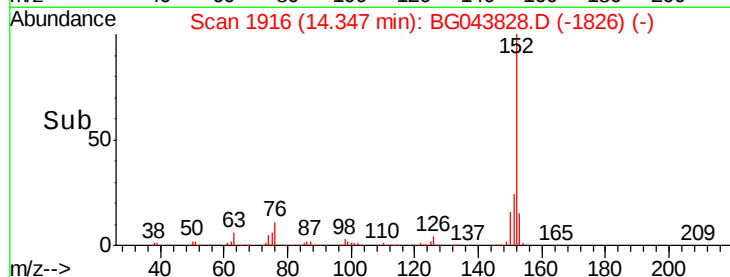
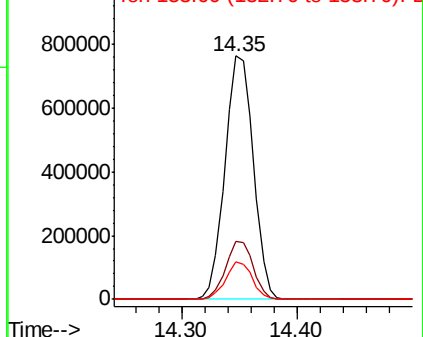


Abundance

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: 42.783 ng

RT: 14.08 min Scan# 1871

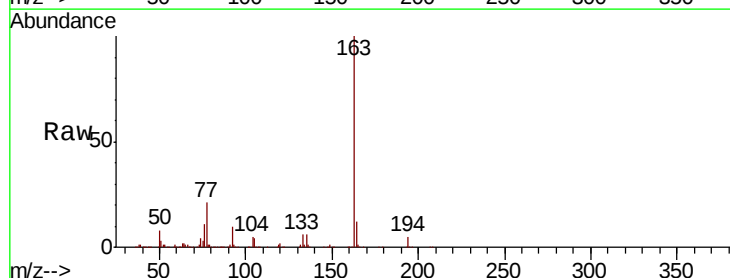
Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Tgt Ion:163 Resp: 1169045

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	11.6	9.4	14.0

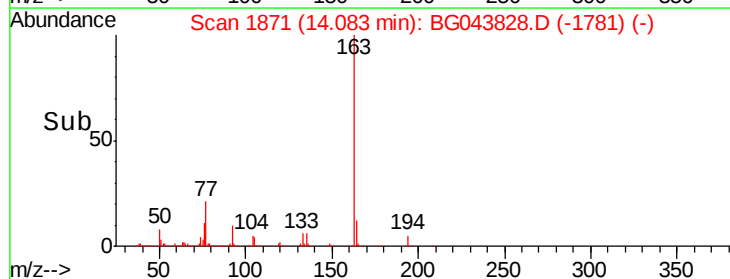
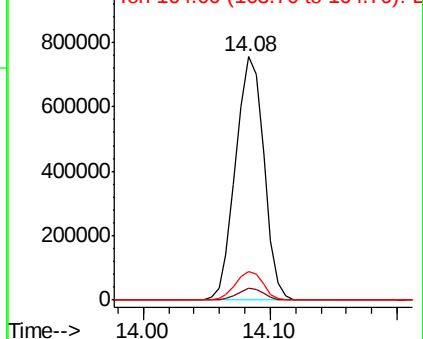


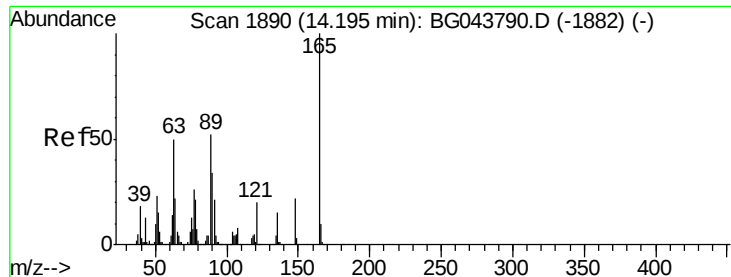
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

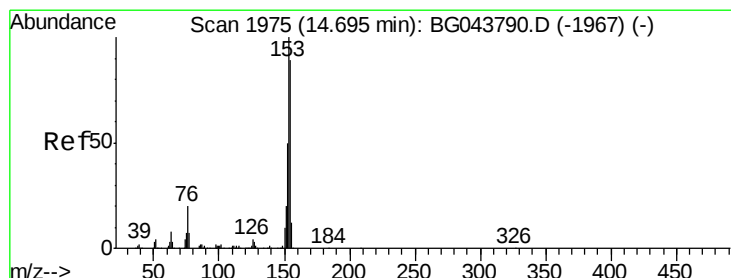
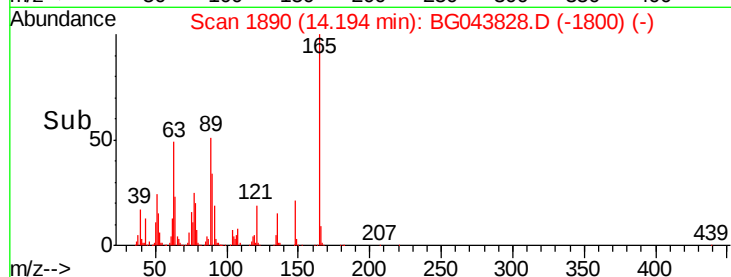
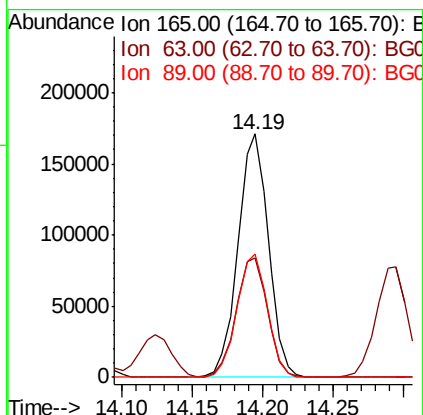
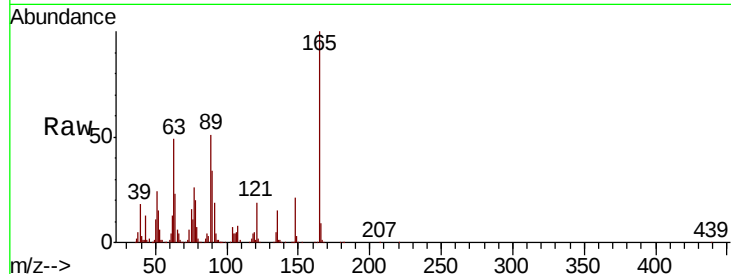




#51
2,6-Dinitrotoluene
Concen: 43.718 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

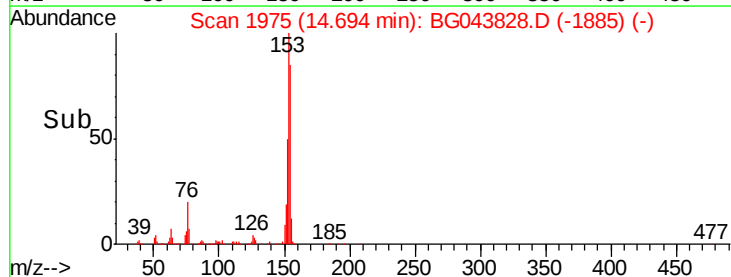
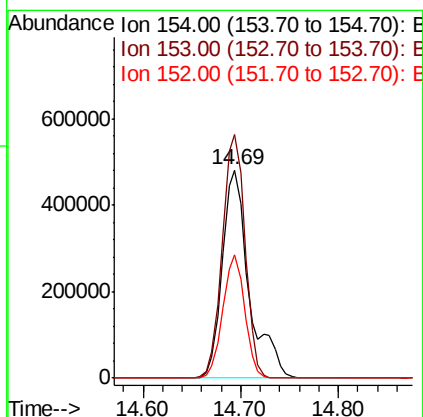
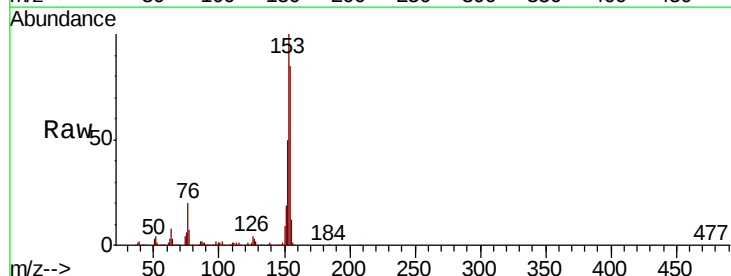
Instrument :
BNA_G
ClientSampleId :

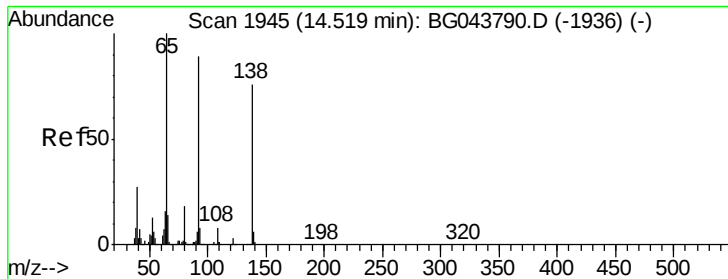
Tot Ion	Ratio	Lower	Upper
165	100		
63	49.0	40.3	60.5
89	50.9	41.8	62.8



#52
Acenaphthene
Concen: 43.481 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.0	89.5	134.3
152	59.0	45.0	67.4





#53

3-Nitroaniline

Concen: 16.819 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampled :

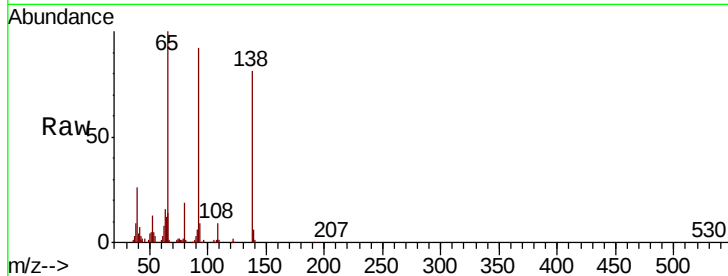
Tot Ion:138 Resp: 113339

Ion Ratio Lower Upper

138 100

108 10.8 8.1 12.1

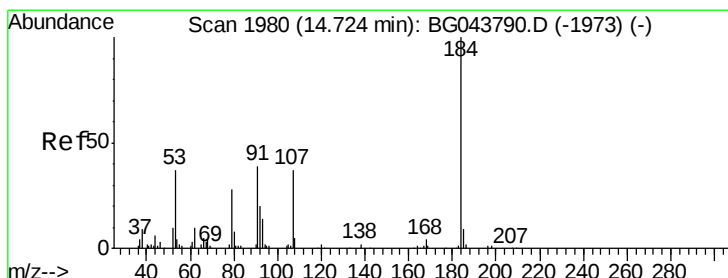
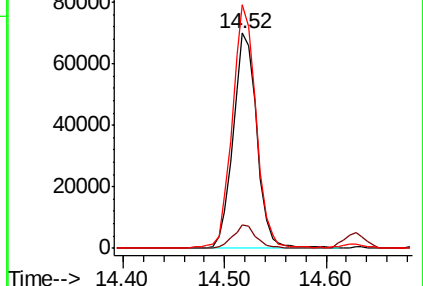
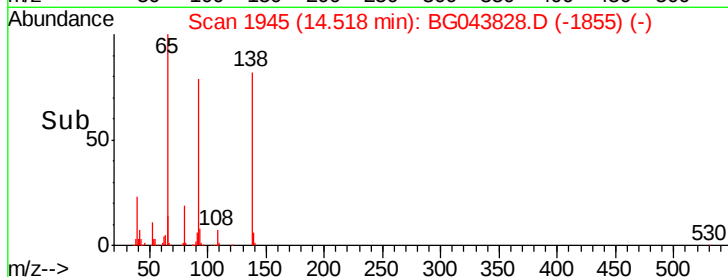
92 113.2 94.6 141.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 99.494 ng

RT: 14.73 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

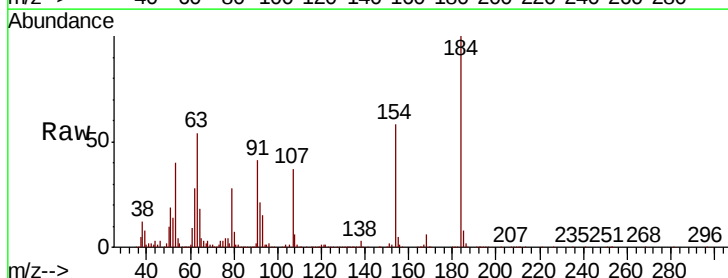
Tgt Ion:184 Resp: 264000

Ion Ratio Lower Upper

184 100

63 54.4 43.4 65.0

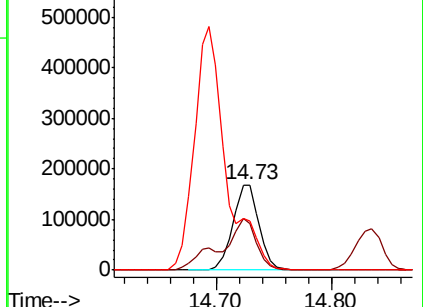
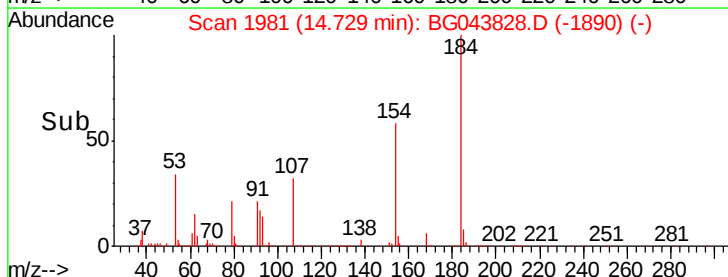
154 58.0 54.8 82.2

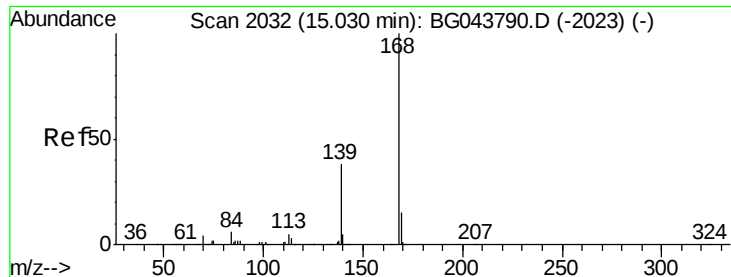


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

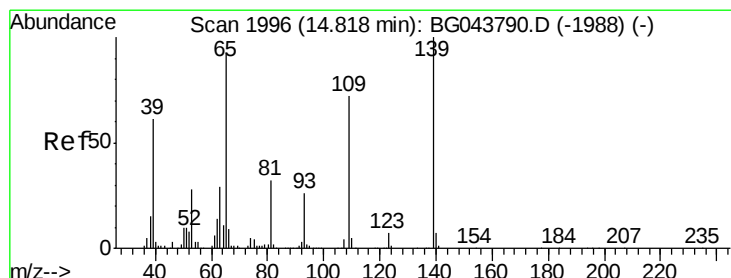
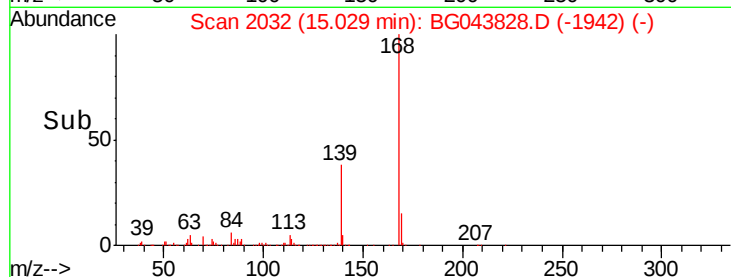
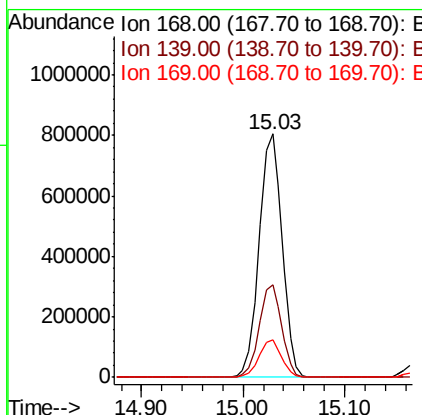
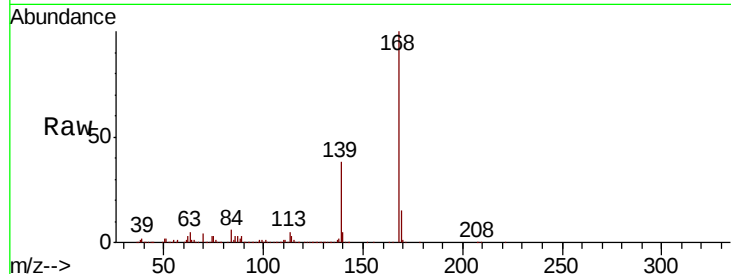




#55
Dibenzenofuran
Concen: 40.387 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

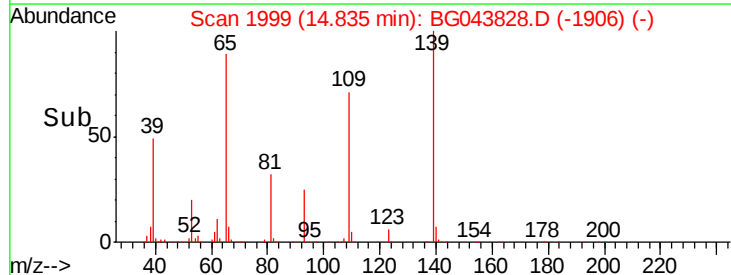
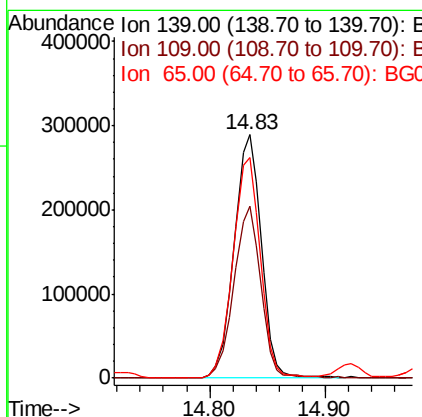
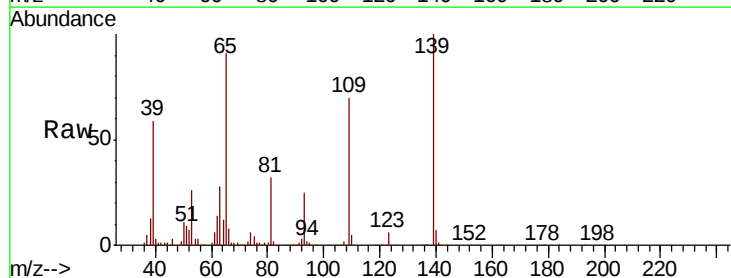
Instrument :
BNA_G
ClientSampleId :

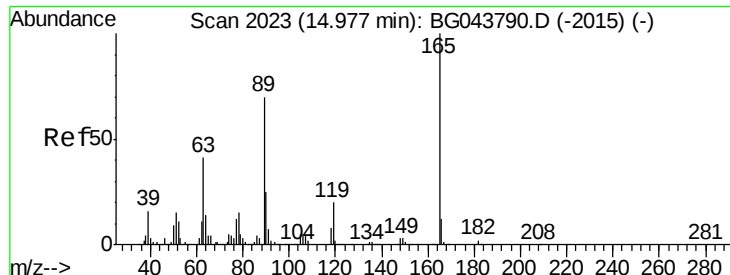
Tot Ion:168 Resp: 1264109
Ion Ratio Lower Upper
168 100
139 37.8 30.4 45.6
169 15.4 12.0 18.0



#56
4-Nitrophenol
Concen: 96.122 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.02 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion:139 Resp: 472552
Ion Ratio Lower Upper
139 100
109 70.5 51.5 91.5
65 90.8 73.7 113.7

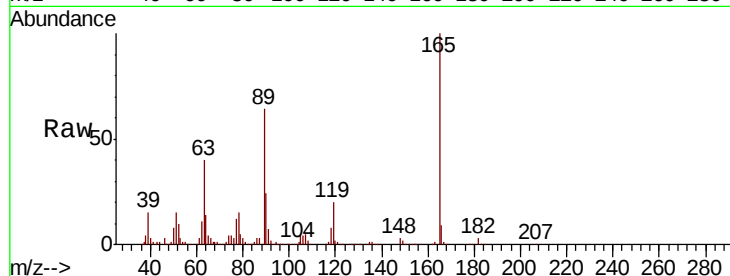




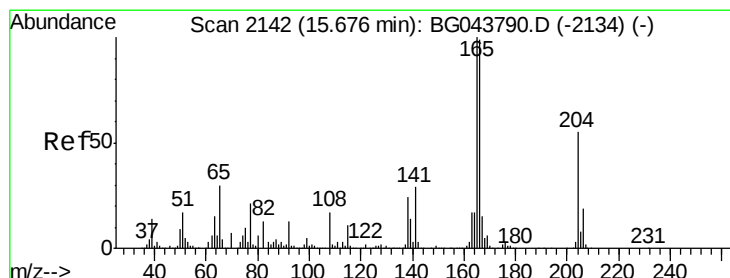
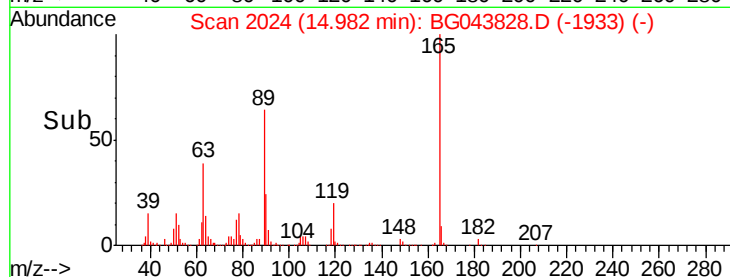
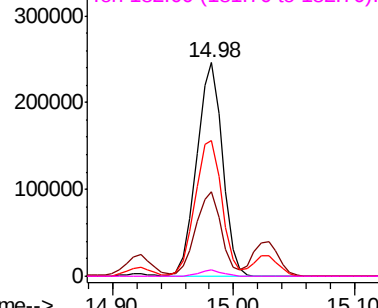
#57
2,4-Dinitrotoluene
Concen: 45.720 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	363787	
Ion Ratio	Lower	Upper	
165 100			
63 39.6	32.7	49.1	
89 63.8	56.1	84.1	
182 2.9	2.0	3.0	

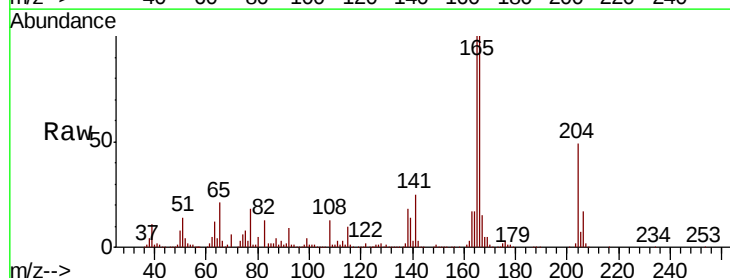


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

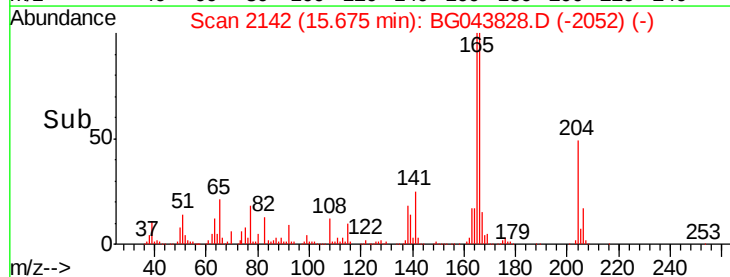
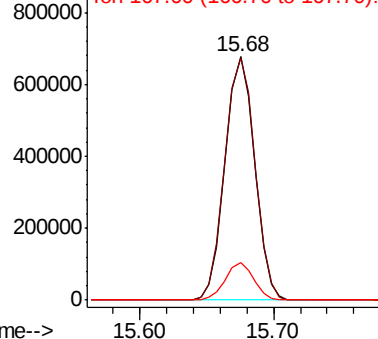


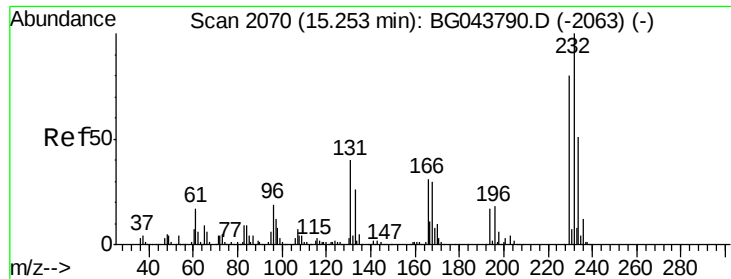
#58
Fluorene
Concen: 41.059 ng
RT: 15.68 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion:166	Resp: 1035845
Ion Ratio	Lower Upper
166 100	
165 99.8	80.5 120.7
167 15.2	12.1 18.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

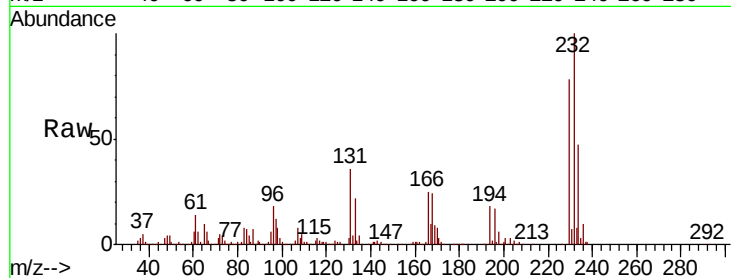




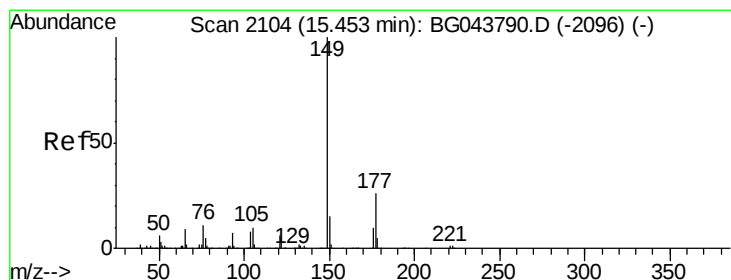
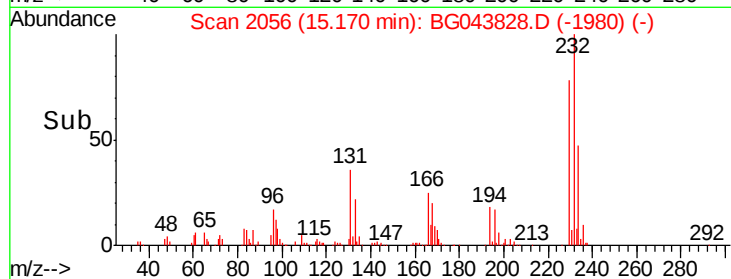
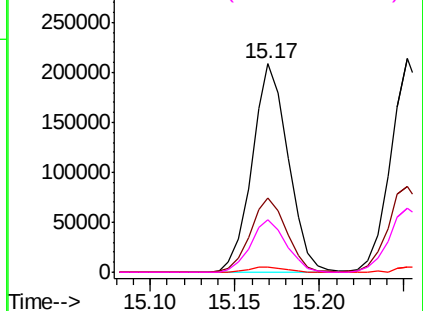
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.137 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. -0.08 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	310240	
Ion Ratio	Lower	Upper	
232	100		
131	36.0	27.9	41.9
130	2.6	1.8	2.8
166	25.0	19.4	29.2

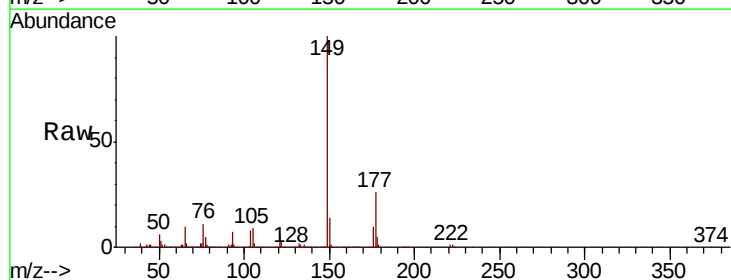


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

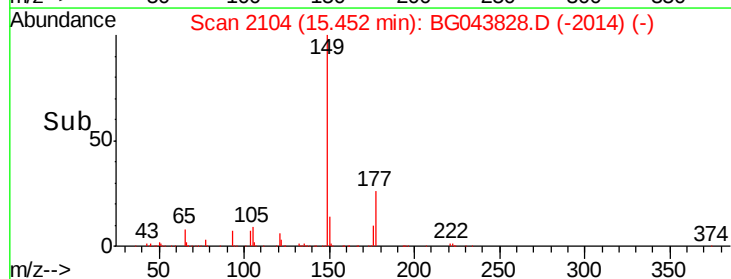
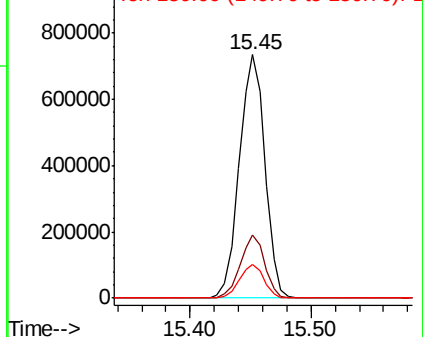


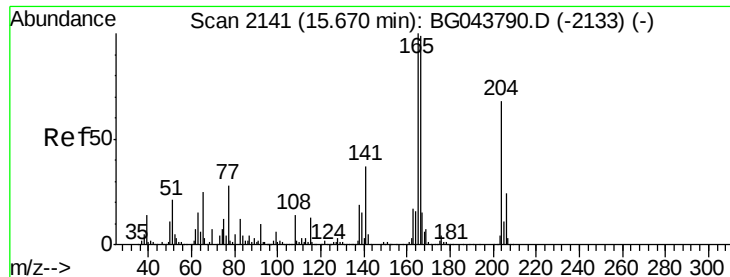
#60
 Diethylphthalate
 Concen: 39.653 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Tgt Ion:149	Resp: 1082297
Ion Ratio	Lower Upper
149 100	
177 25.9	20.4 30.6
150 13.8	11.6 17.4



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

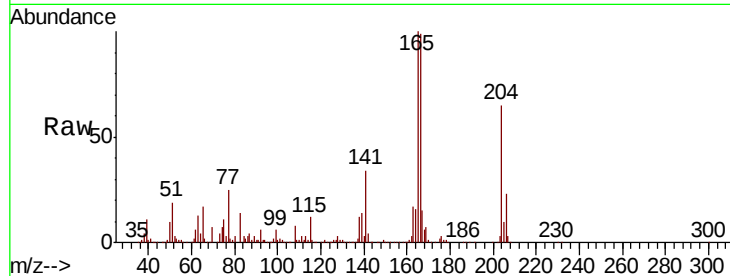




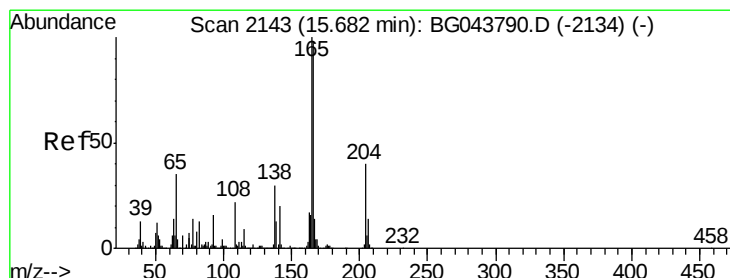
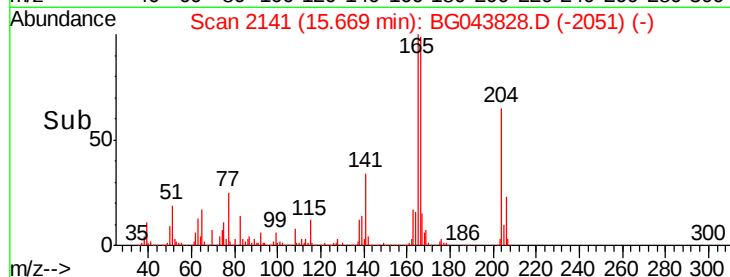
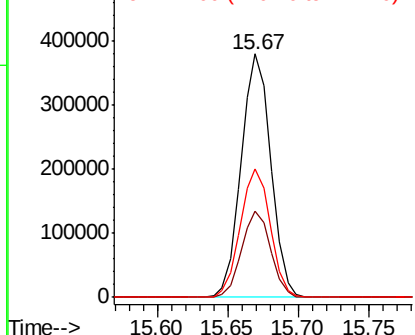
#61
4-Chlorophenyl-phenylether
Concen: 39.374 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 556310
Ion Ratio Lower Upper
204 100
206 35.3 28.1 42.1
141 53.0 44.1 66.1

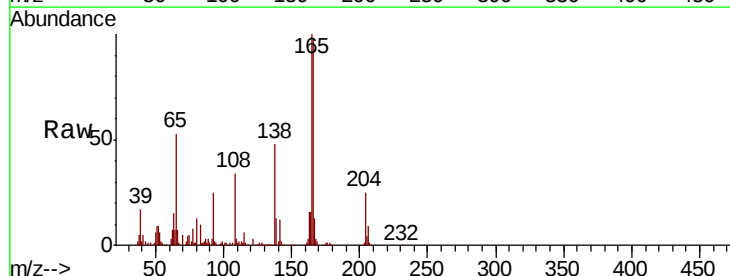


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

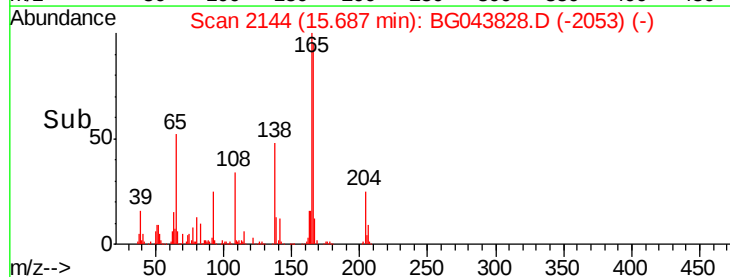
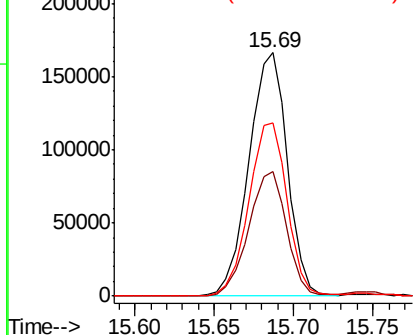


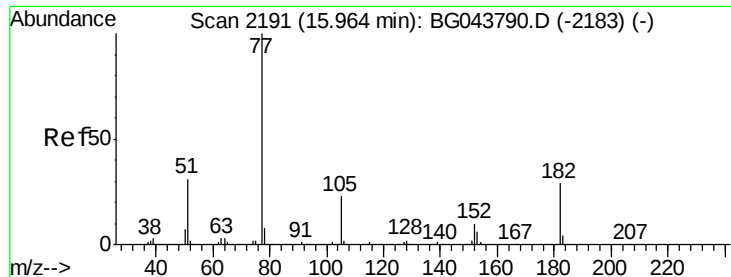
#62
4-Nitroaniline
Concen: 40.062 ng
RT: 15.69 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion:138 Resp: 279723
Ion Ratio Lower Upper
138 100
92 51.3 31.5 71.5
108 71.2 53.1 93.1



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

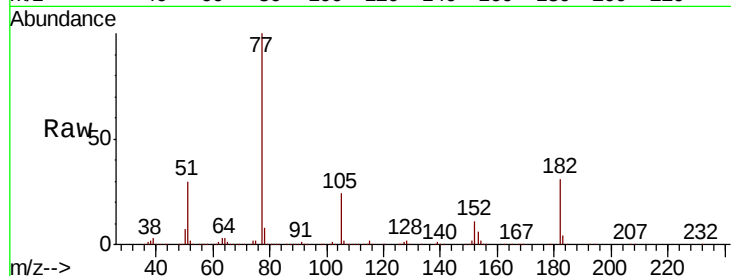




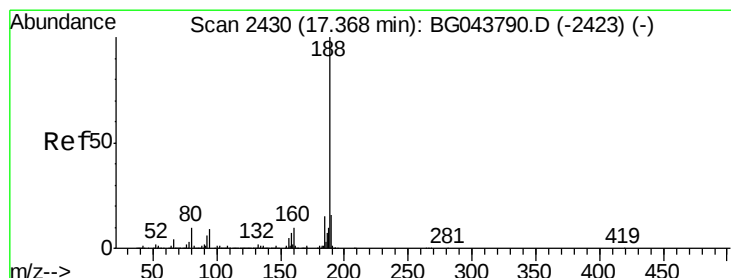
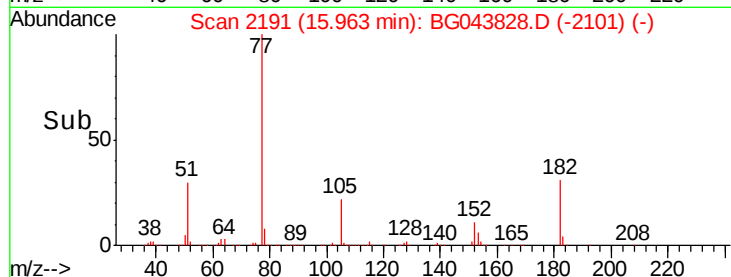
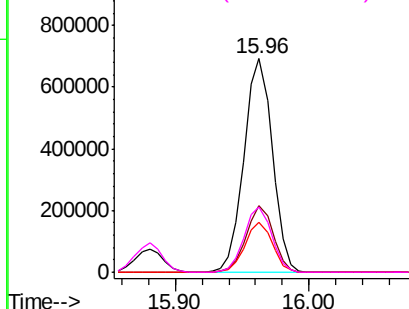
#63
Azobenzene
Concen: 40.386 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 1012674
Ion Ratio Lower Upper
77 100
182 31.1 9.0 49.0
105 23.5 2.9 42.9
51 30.5 10.6 50.6

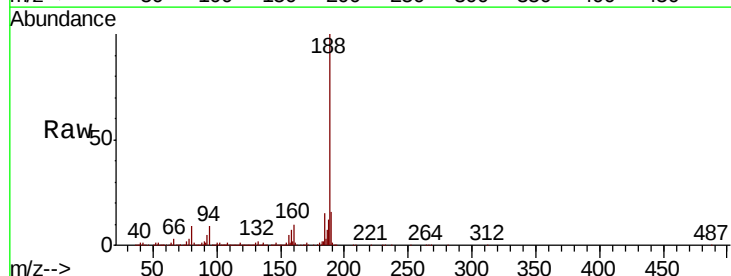


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

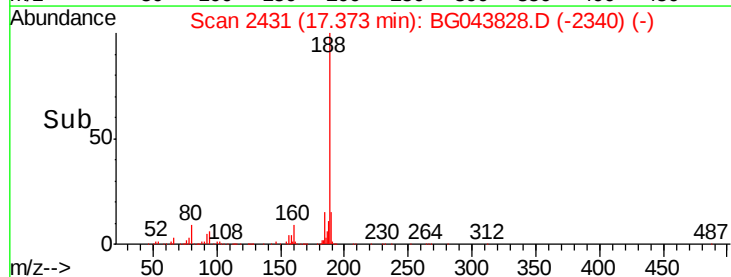
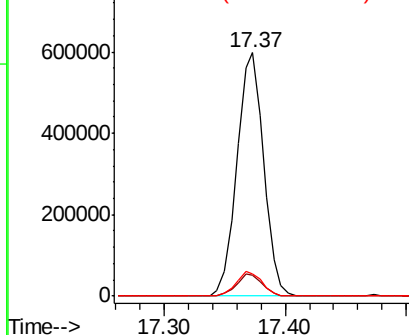


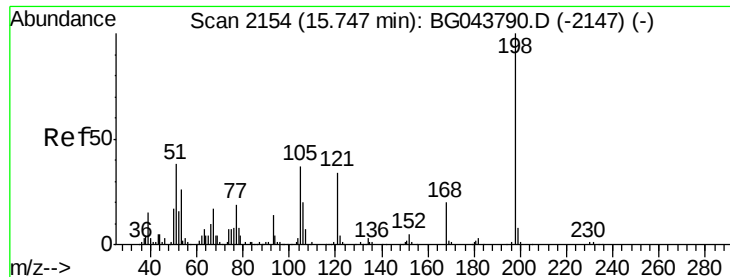
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion: 188 Resp: 922143
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 9.1 7.8 11.8



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: 51.662 ng

RT: 15.75 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

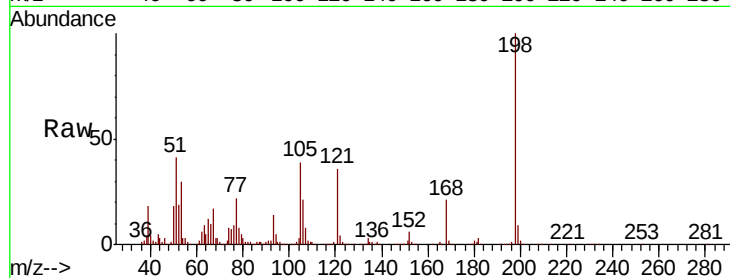
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 187014

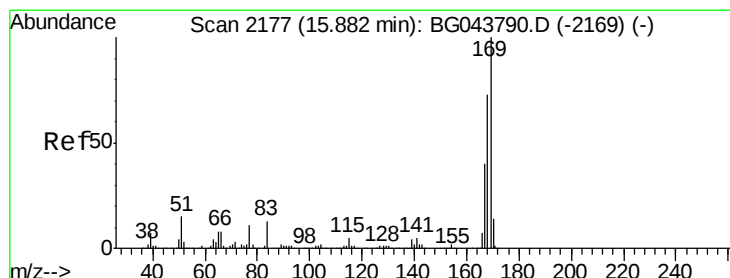
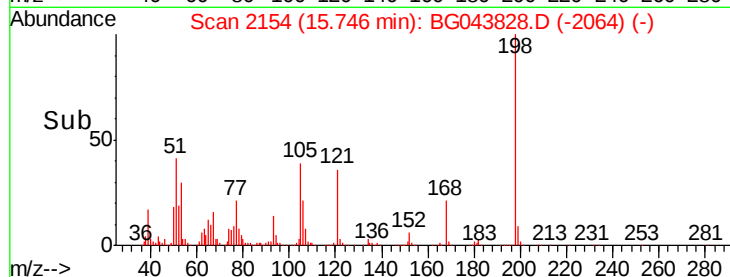
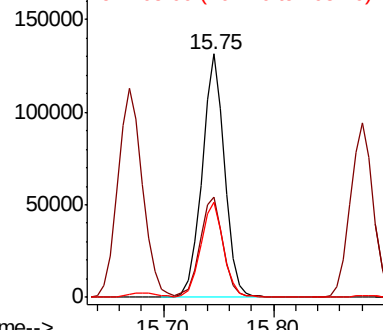
Ion	Ratio	Lower	Upper
198	100		
51	41.2	18.9	58.9
105	39.1	18.1	58.1



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: 38.648 ng

RT: 15.88 min Scan# 2177

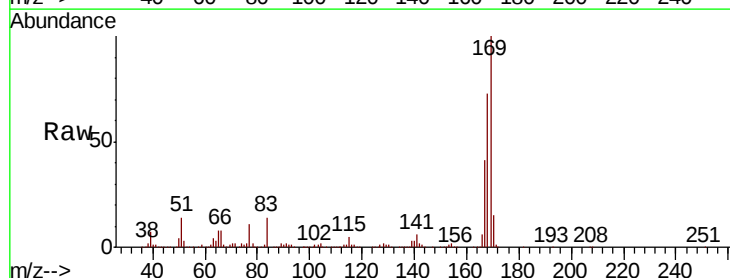
Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Tgt Ion:169 Resp: 990541

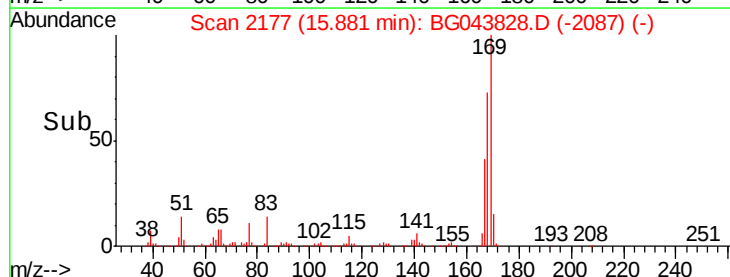
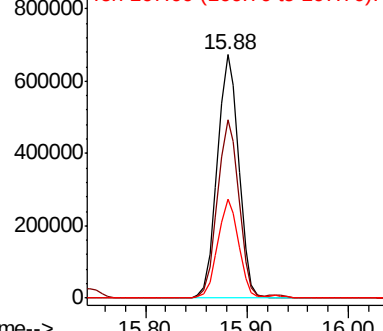
Ion	Ratio	Lower	Upper
169	100		
168	73.3	58.5	87.7
167	40.6	32.1	48.1

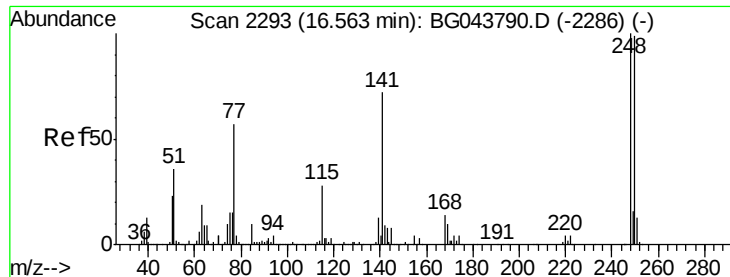


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

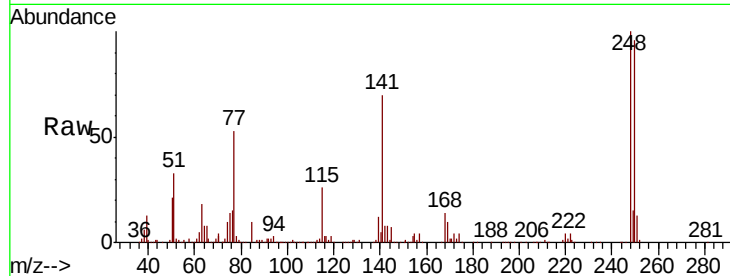




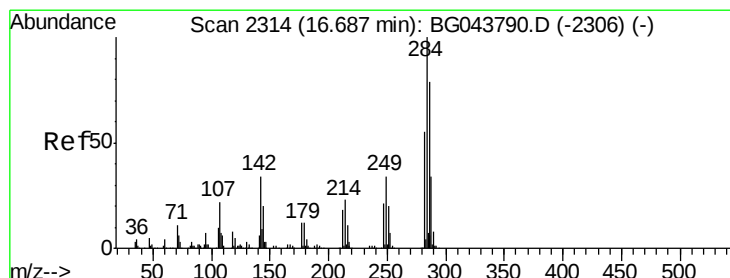
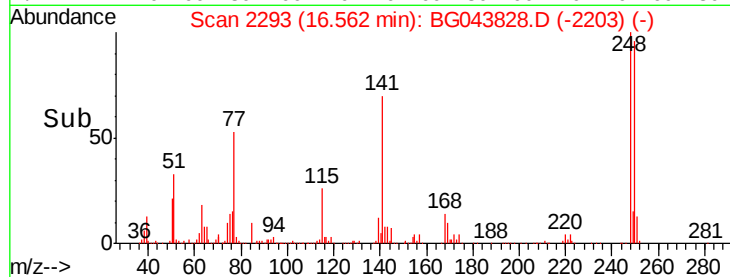
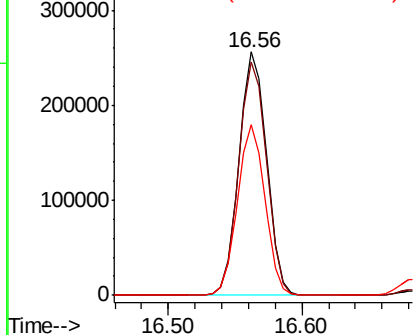
#67
4-Bromophenyl-phenylether
Concen: 37.253 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 367268
Ion Ratio Lower Upper
248 100
250 95.9 79.0 118.6
141 69.9 57.8 86.6

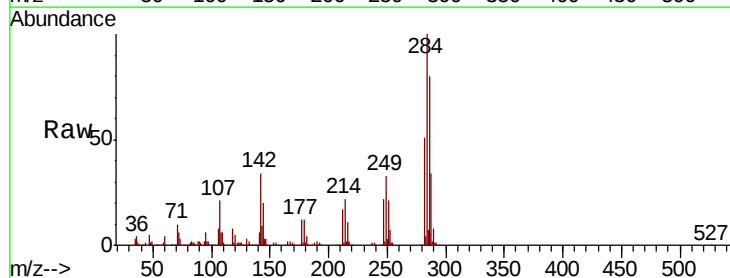


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

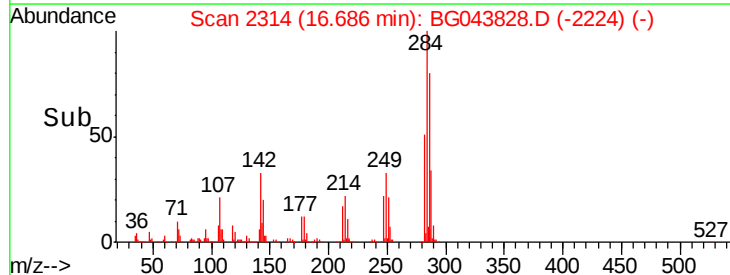
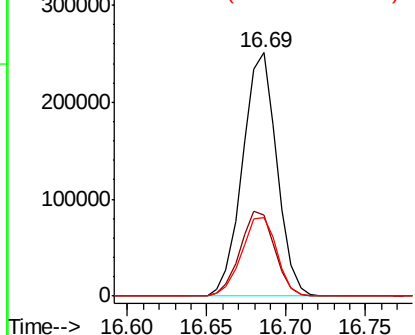


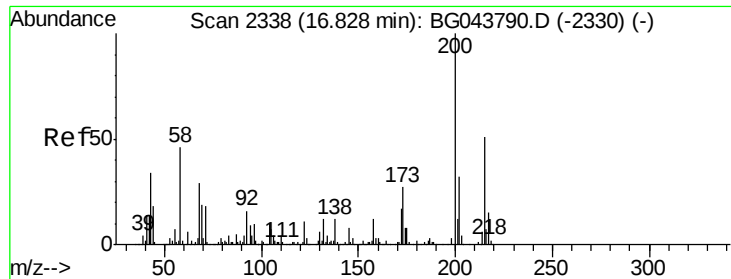
#68
Hexachlorobenzene
Concen: 35.928 ng
RT: 16.69 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion:284 Resp: 375679
Ion Ratio Lower Upper
284 100
142 33.5 27.0 40.6
249 32.5 27.2 40.8



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

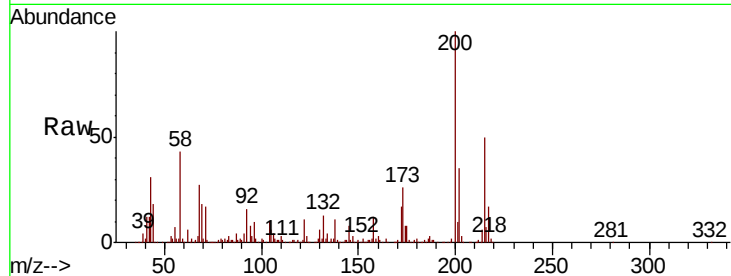




#69
Atrazine
Concen: 42.546 ng
RT: 16.83 min Scan# 2339
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	7.4	47.4
215	50.4	30.5	70.5

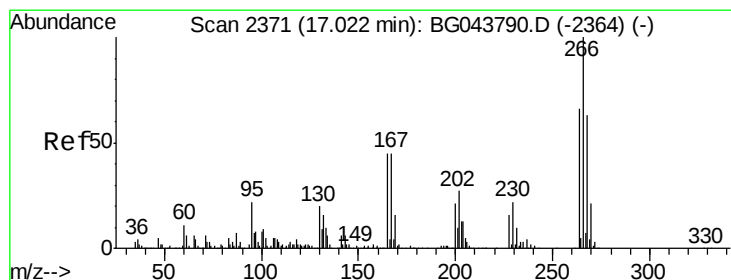
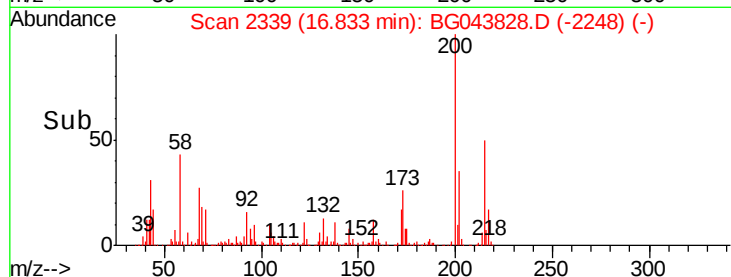
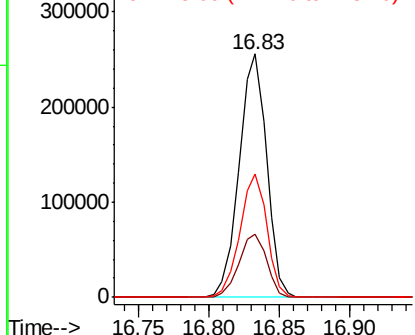


Abundance

Ion 200.00 (199.70 to 200.70): E

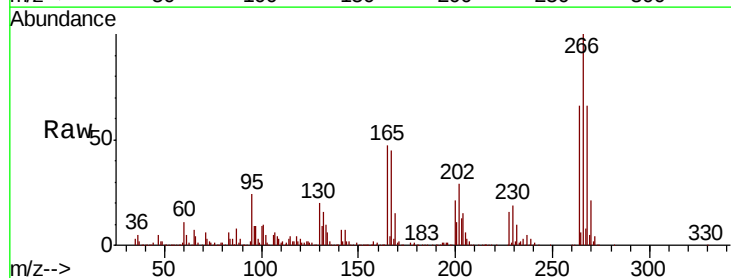
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 88.385 ng
RT: 17.02 min Scan# 2371
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	50.8	76.2
264	66.0	53.0	79.4

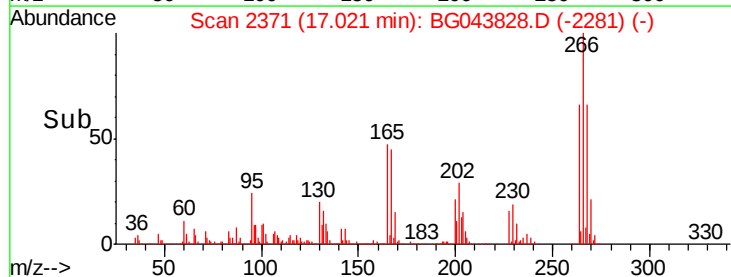
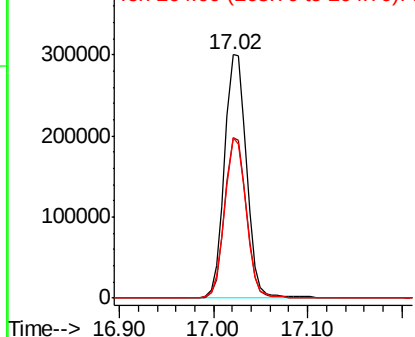


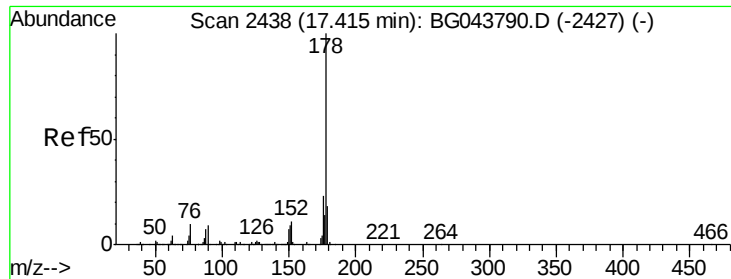
Abundance

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

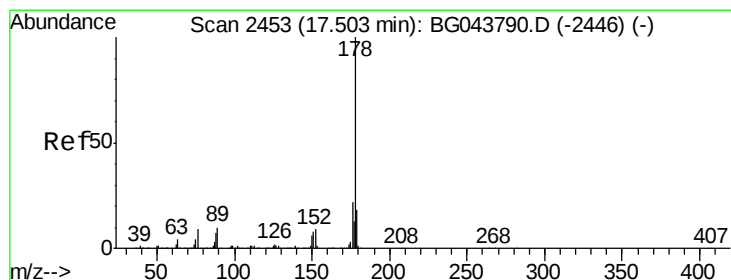
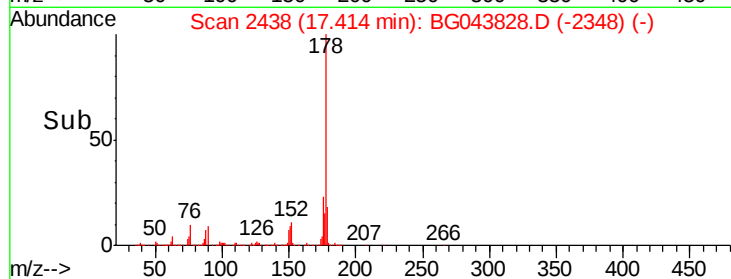
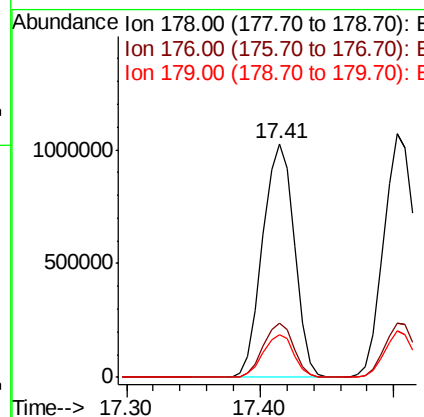
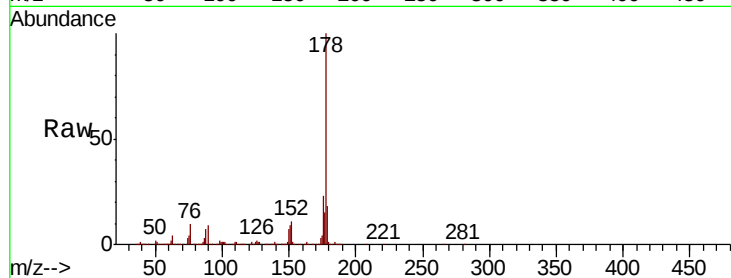




#71
Phenanthrene
Concen: 38.855 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

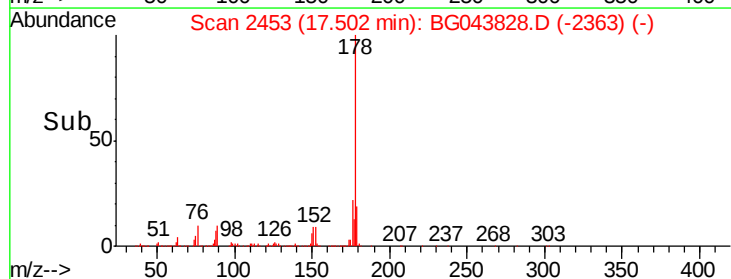
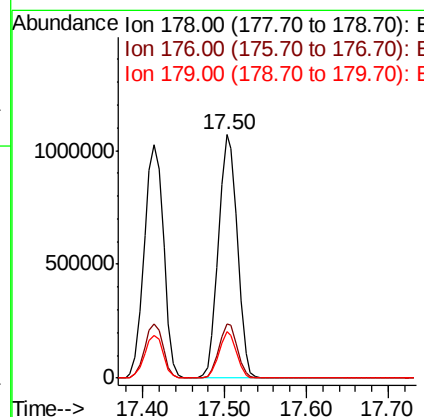
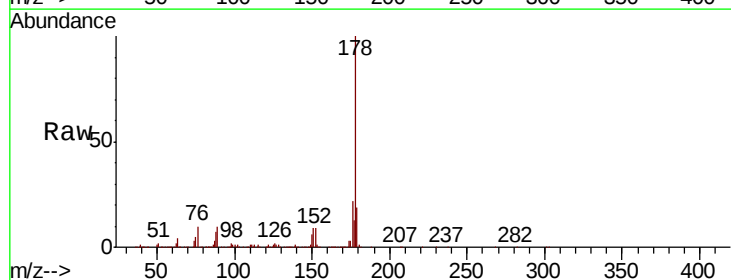
Instrument :
BNA_G
ClientSampled :

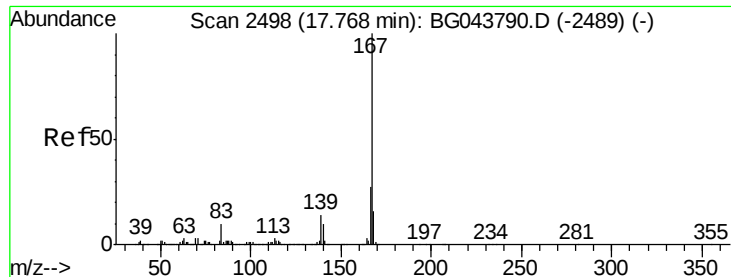
Tot Ion:178 Resp: 1696209
Ion Ratio Lower Upper
178 100
176 23.2 18.6 27.8
179 18.3 14.7 22.1



#72
Anthracene
Concen: 39.804 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion:178 Resp: 1720051
Ion Ratio Lower Upper
178 100
176 22.4 17.7 26.5
179 19.1 14.5 21.7



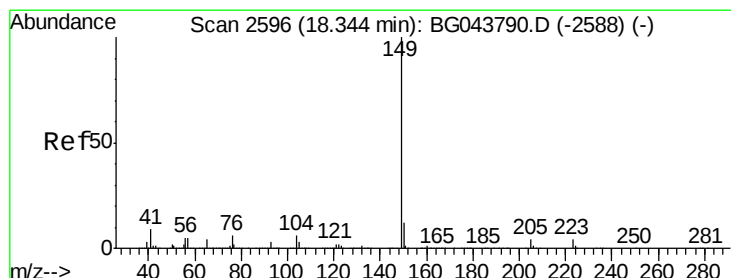
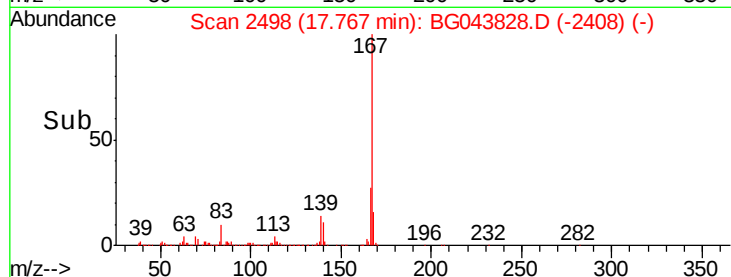
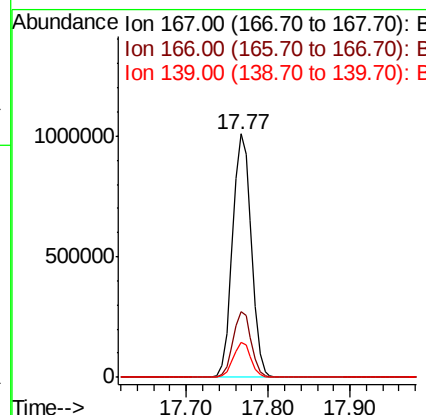
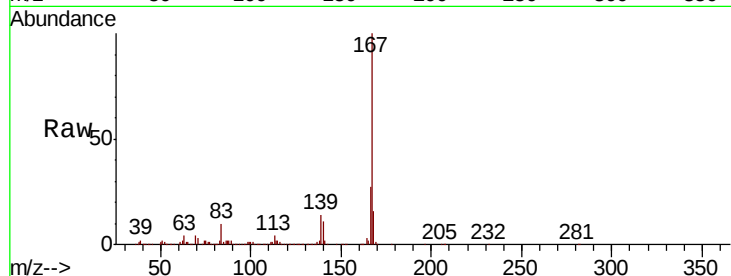


#73
 Carbazole
 Concen: 39.831 ng
 RT: 17.77 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1608952

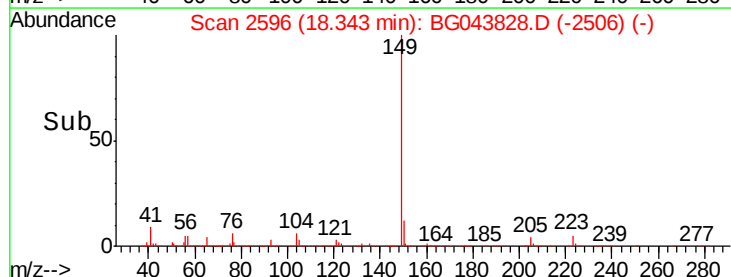
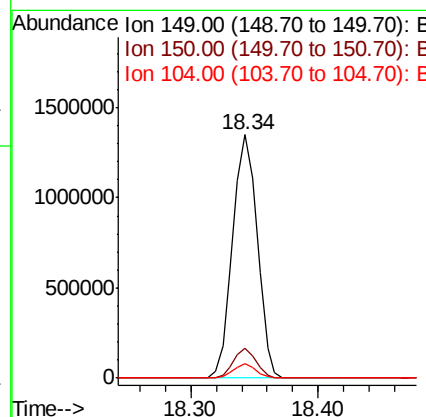
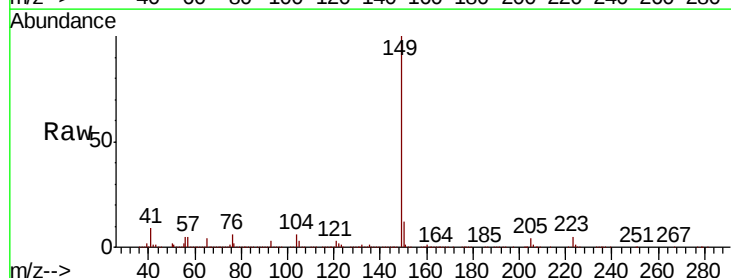
Ion	Ratio	Lower	Upper
167	100		
166	27.1	21.4	32.2
139	14.4	11.0	16.4

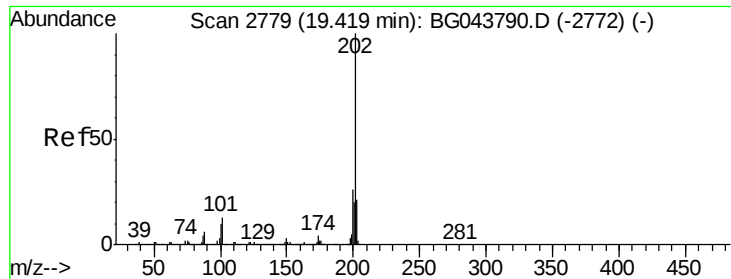


#74
 Di-n-butylphthalate
 Concen: 39.188 ng
 RT: 18.34 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG043828.D
 Acq: 17 Dec 2019 20:38

Tgt Ion:149 Resp: 1814705

Ion	Ratio	Lower	Upper
149	100		
150	12.2	9.4	14.0
104	6.1	4.8	7.2





#75

Fluoranthene

Concen: 39.564 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampleId :

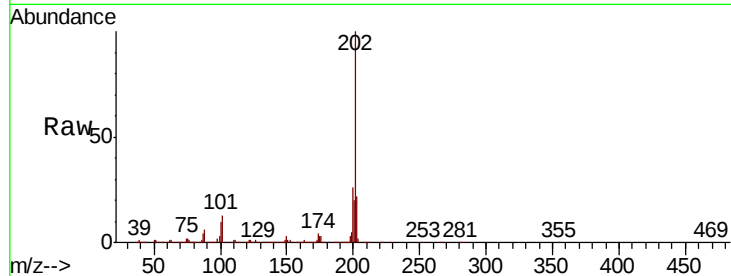
Tot Ion:202 Resp: 1976724

Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.7

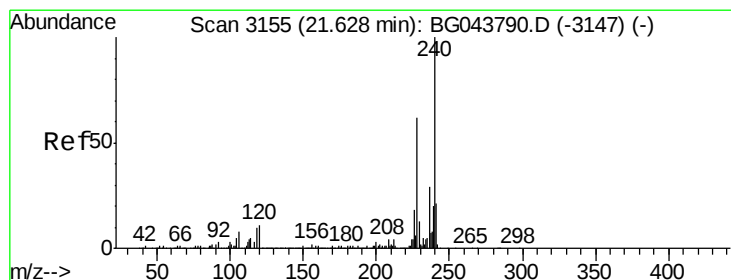
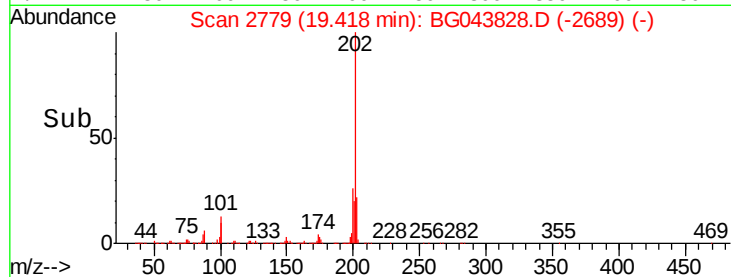
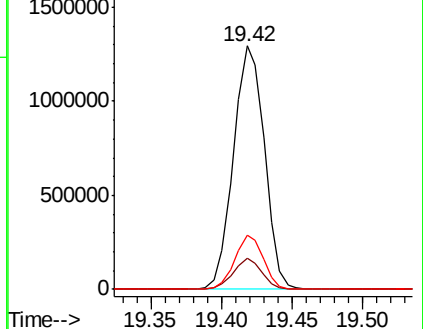
203 22.3 1.0 41.0



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: 21.63 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

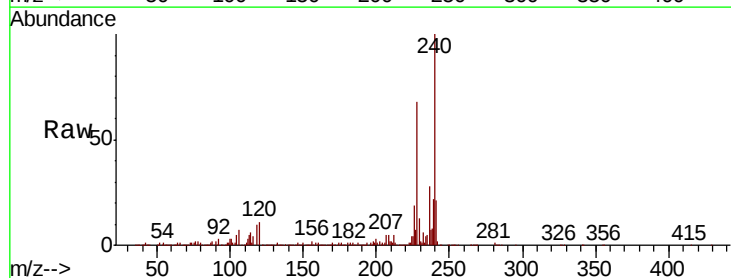
Tgt Ion:240 Resp: 782141

Ion Ratio Lower Upper

240 100

120 10.9 8.6 12.8

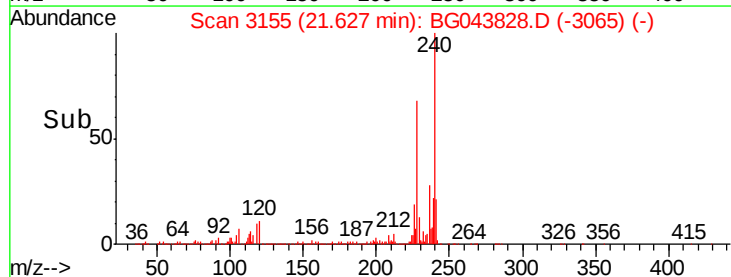
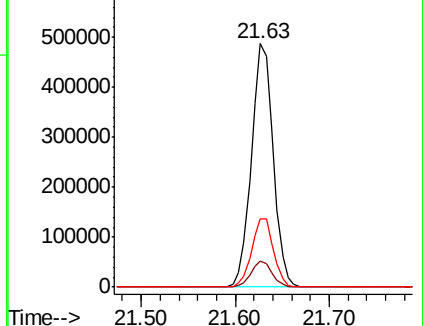
236 28.3 23.1 34.7

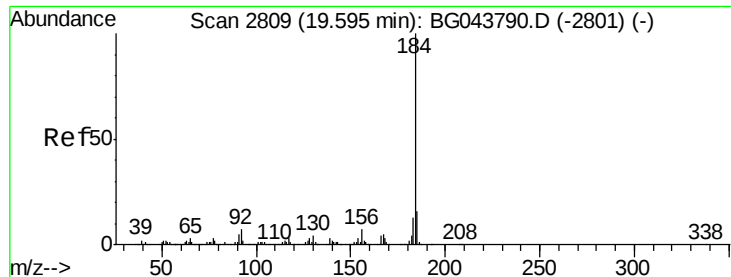


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.139 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

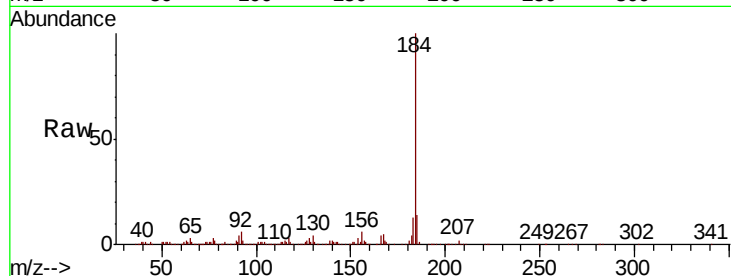
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 360706

Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.9	19.3
183	13.1	10.3	15.5

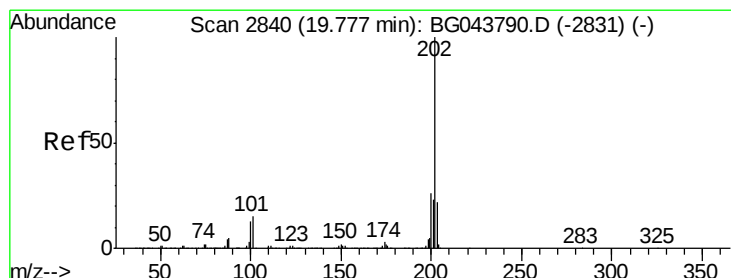
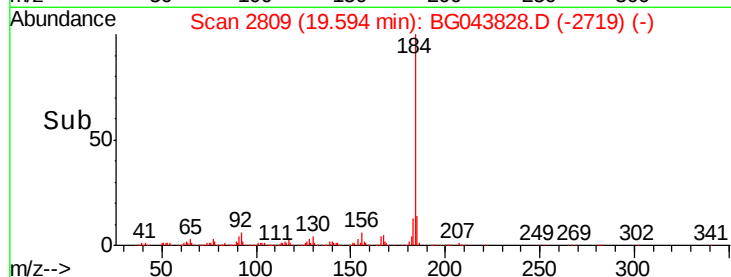
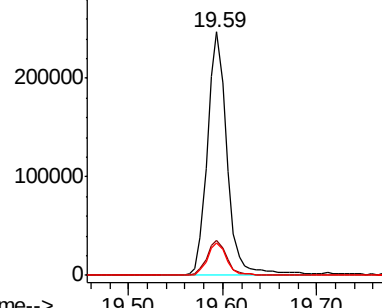


Abundance

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: 39.110 ng

RT: 19.78 min Scan# 2840

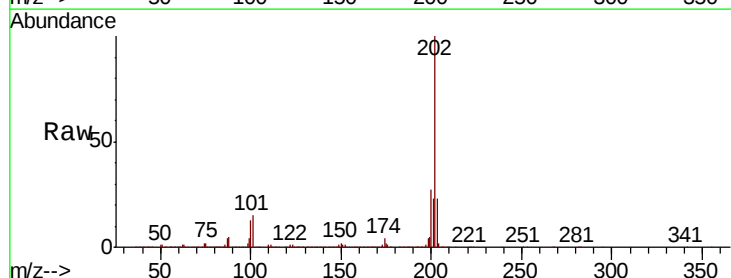
Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Tgt Ion:202 Resp: 1999069

Ion	Ratio	Lower	Upper
202	100		
200	26.6	20.8	31.2
203	22.5	17.7	26.5

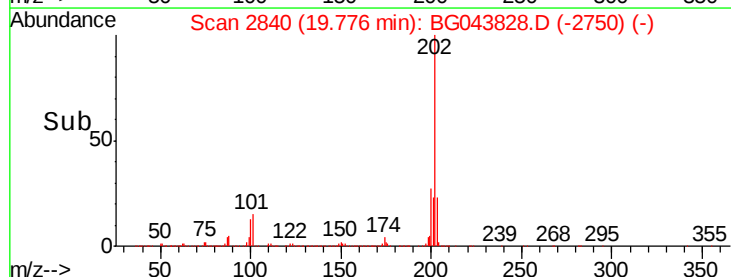
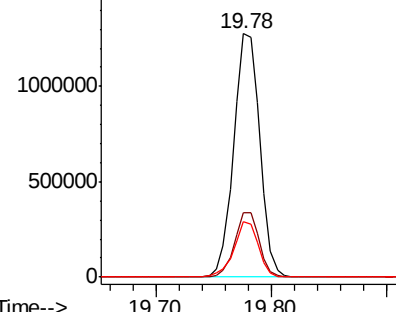


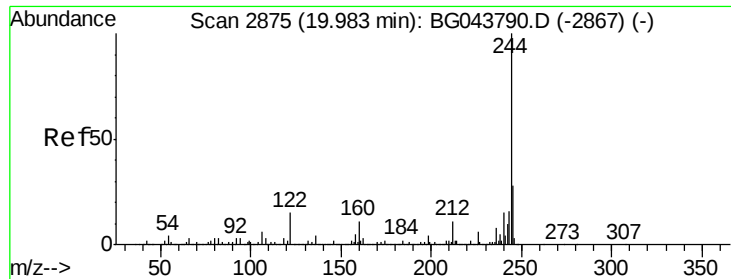
Abundance

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: 74.124 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampleId :

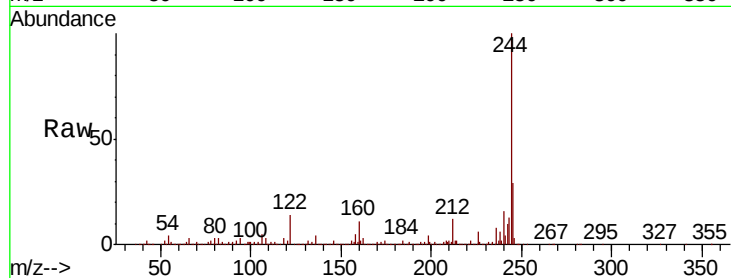
Tot Ion:244 Resp: 2409829

Ion Ratio Lower Upper

244 100

212 11.5 9.1 13.7

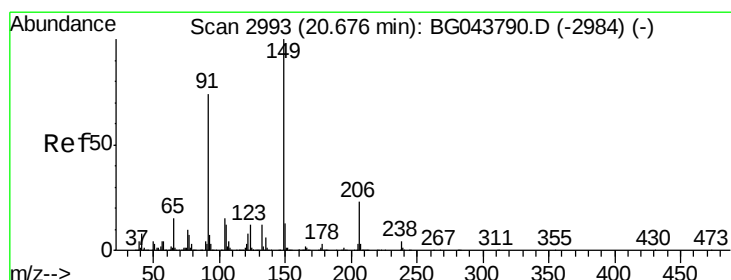
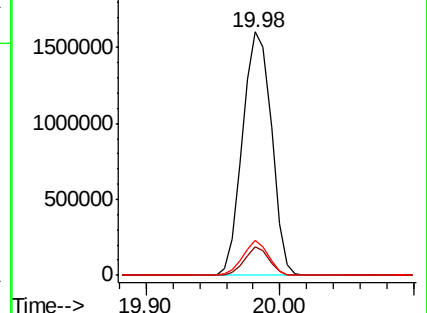
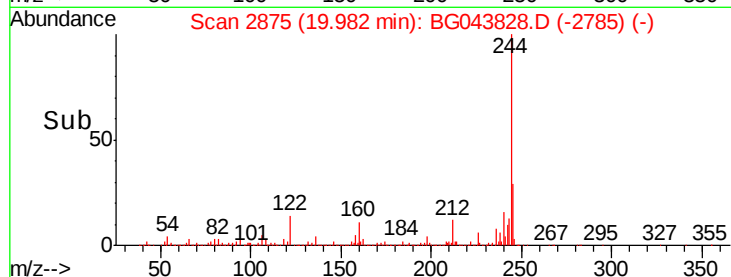
122 14.3 11.6 17.4



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: 41.746 ng

RT: 20.68 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

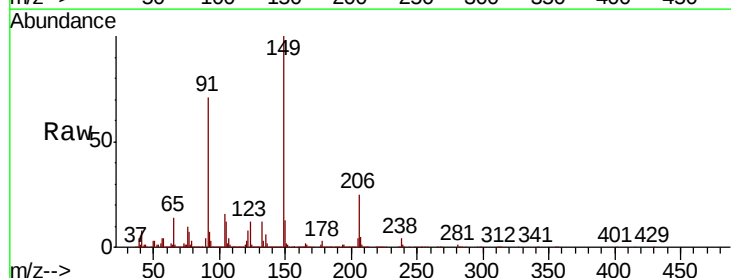
Tgt Ion:149 Resp: 888693

Ion Ratio Lower Upper

149 100

91 71.4 59.0 88.4

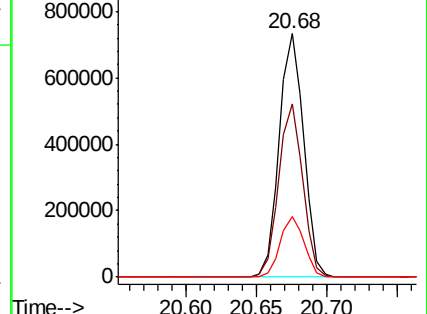
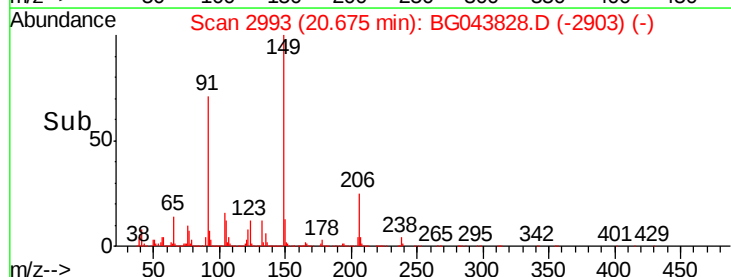
206 24.8 18.6 28.0

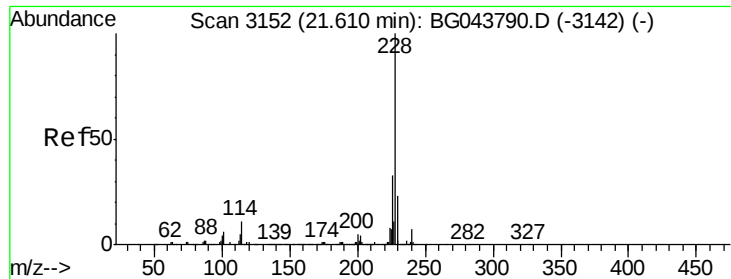


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.620 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampled :

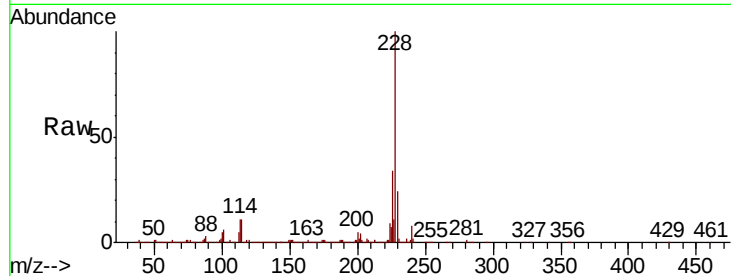
Tot Ion:228 Resp: 1906461

Ion Ratio Lower Upper

228 100

226 33.5 26.1 39.1

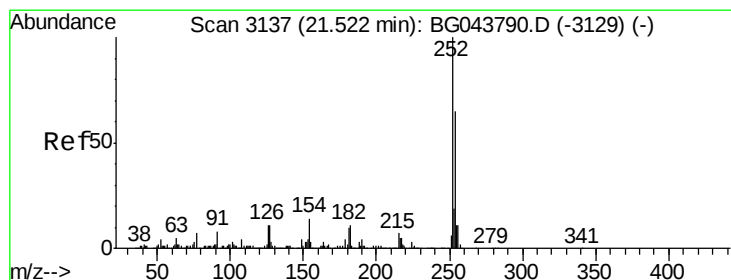
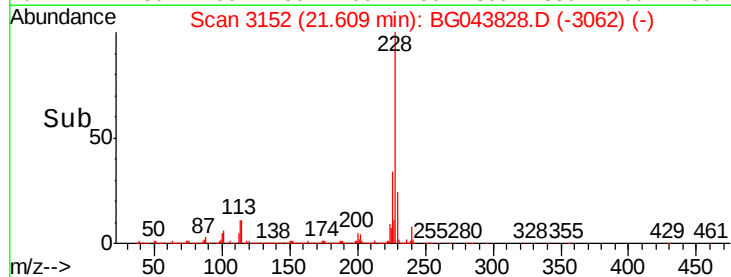
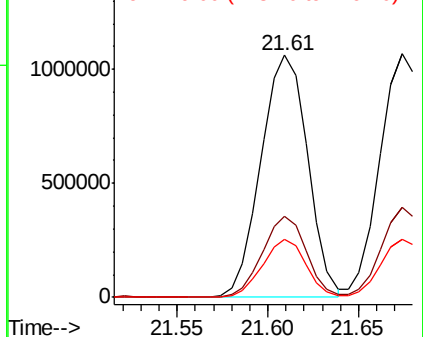
229 24.2 18.6 27.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.018 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

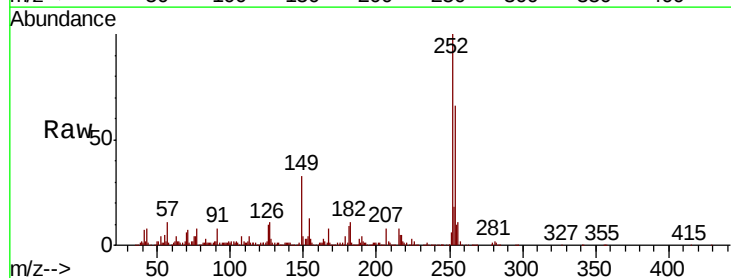
Tgt Ion:252 Resp: 401520

Ion Ratio Lower Upper

252 100

254 65.7 52.2 78.2

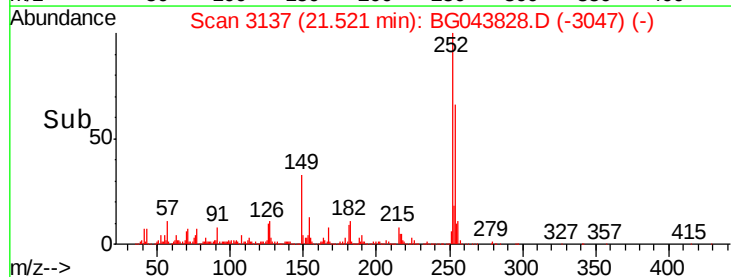
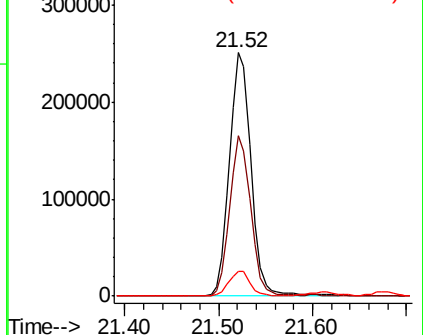
126 10.0 8.7 13.1

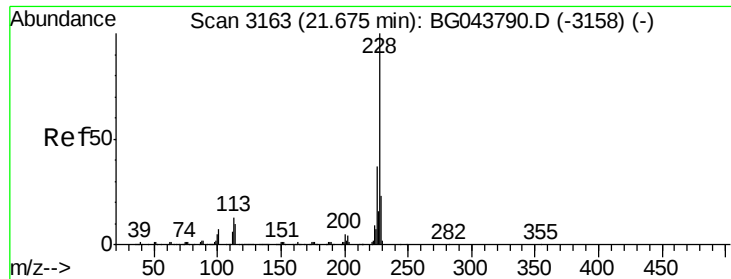


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 39.348 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampled :

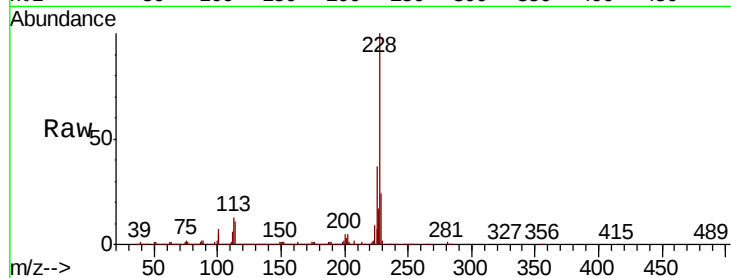
Tot Ion:228 Resp: 1850592

Ion Ratio Lower Upper

228 100

226 36.9 29.1 43.7

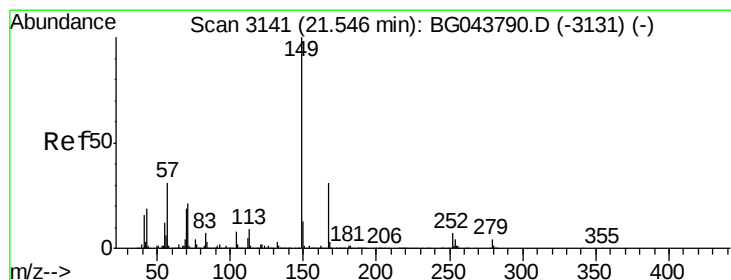
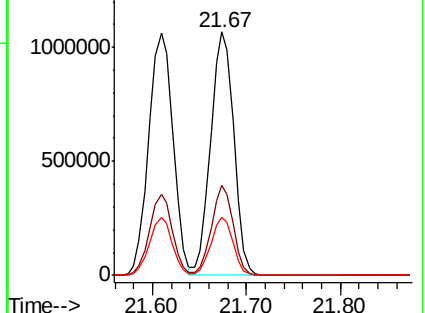
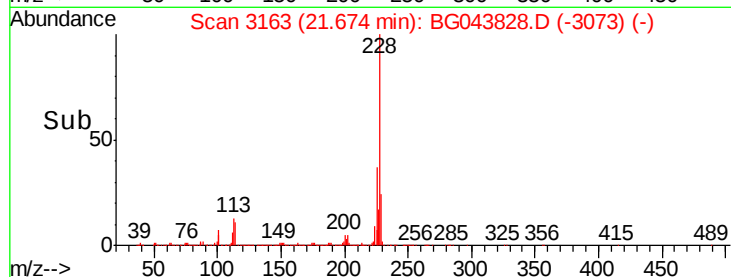
229 23.7 18.6 28.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.408 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

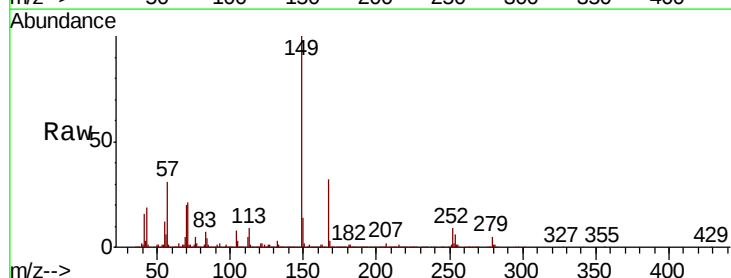
Tgt Ion:149 Resp: 1233840

Ion Ratio Lower Upper

149 100

167 32.0 25.1 37.7

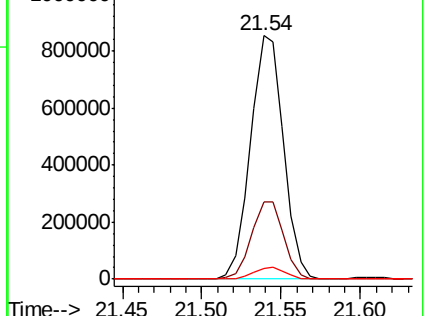
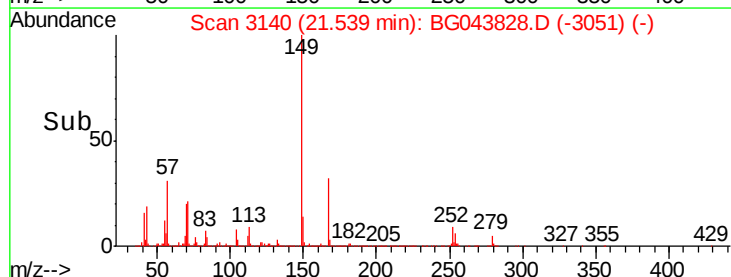
279 4.5 3.5 5.3

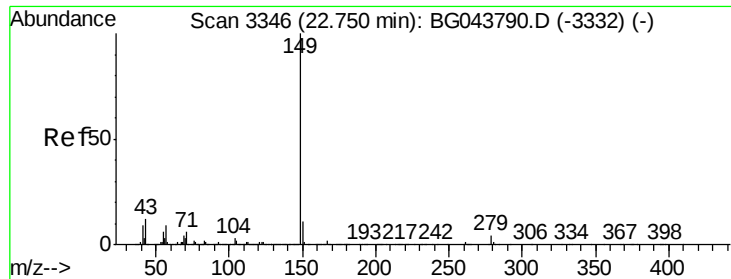


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.589 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampled :

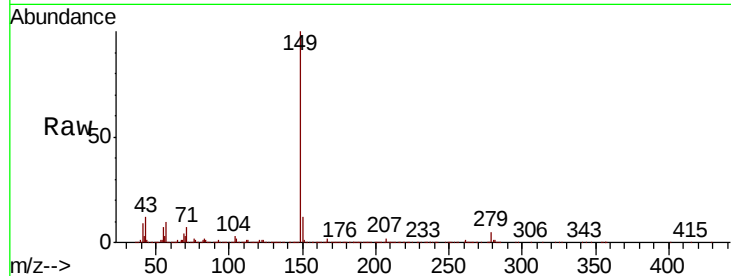
Tot Ion:149 Resp: 2076065

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

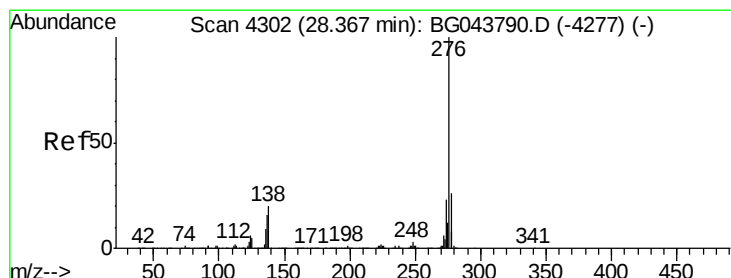
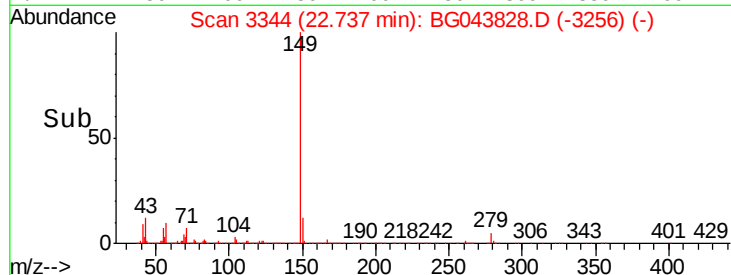
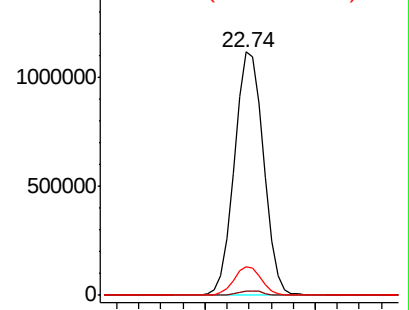
43 11.0 8.8 13.2



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: 36.335 ng

RT: 28.37 min Scan# 4303

Delta R.T. 0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

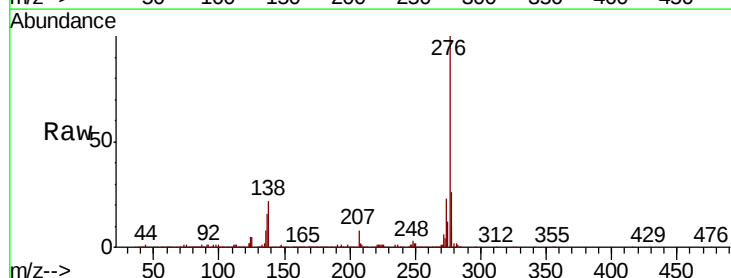
Tgt Ion:276 Resp: 2187225

Ion Ratio Lower Upper

276 100

138 15.6 14.6 21.8

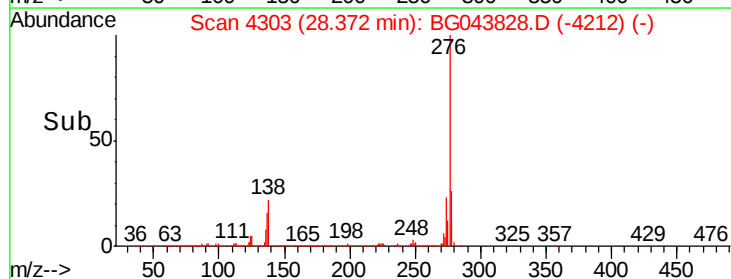
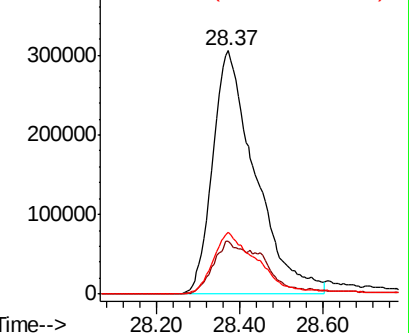
277 26.9 21.2 31.8

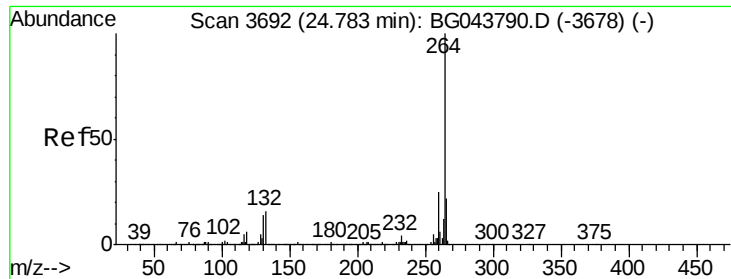


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.79 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampleId :

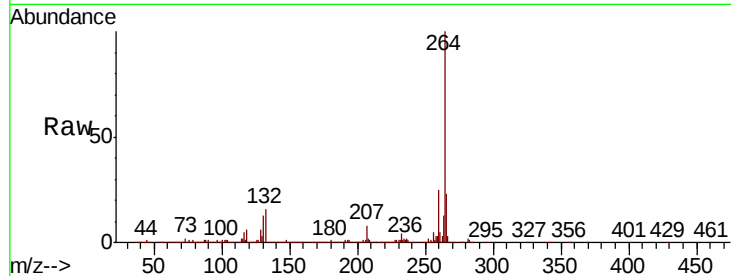
Tot Ion:264 Resp: 891353

Ion Ratio Lower Upper

264 100

260 25.0 19.8 29.8

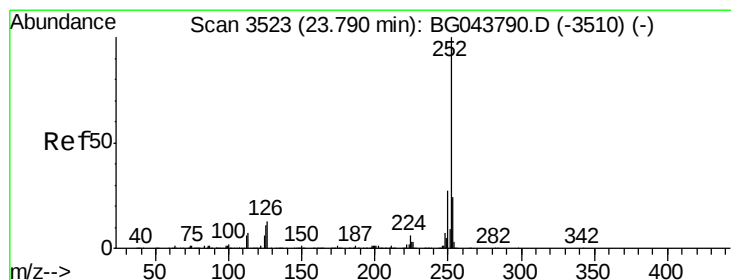
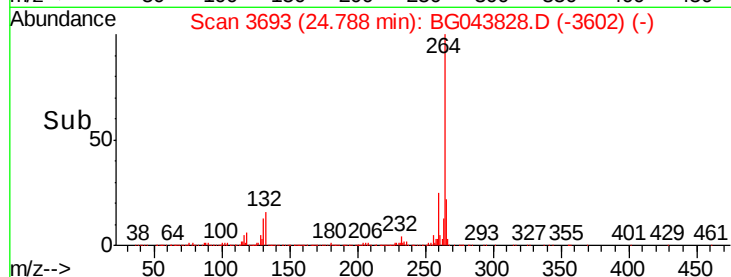
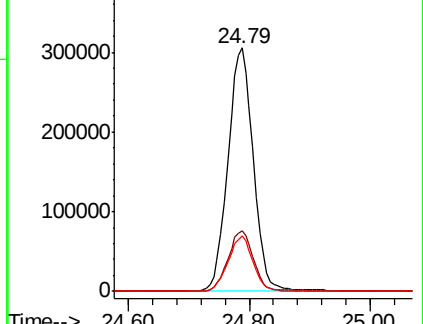
265 22.6 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.006 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

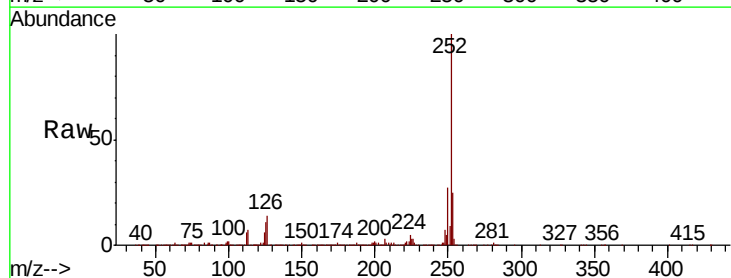
Tgt Ion:252 Resp: 2001820

Ion Ratio Lower Upper

252 100

253 24.8 19.5 29.3

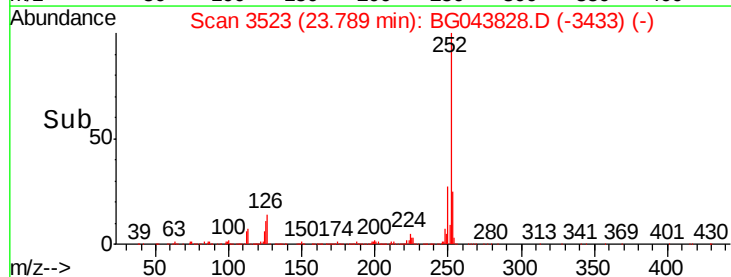
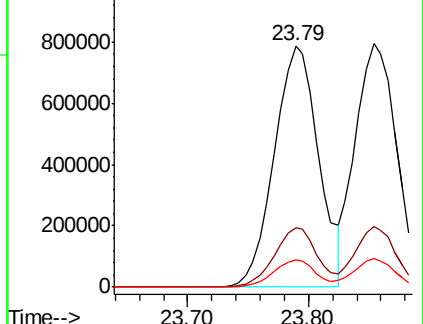
125 11.4 9.0 13.4

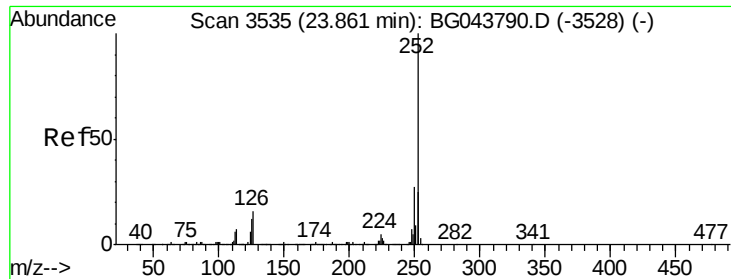


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

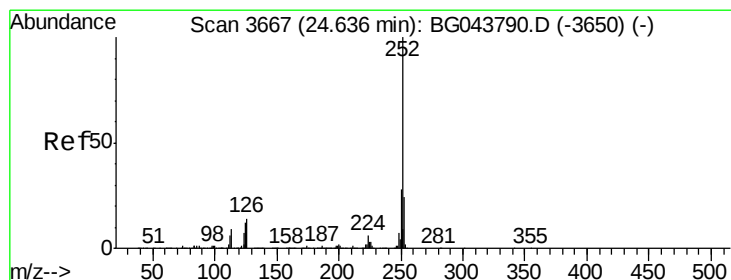
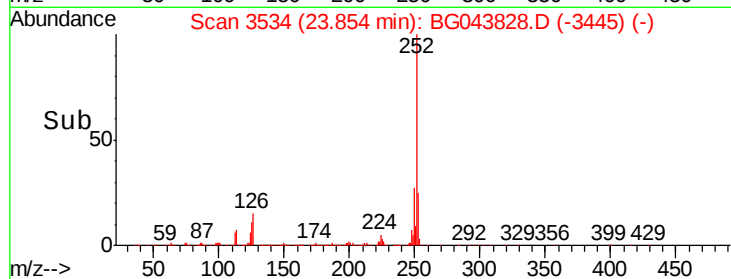
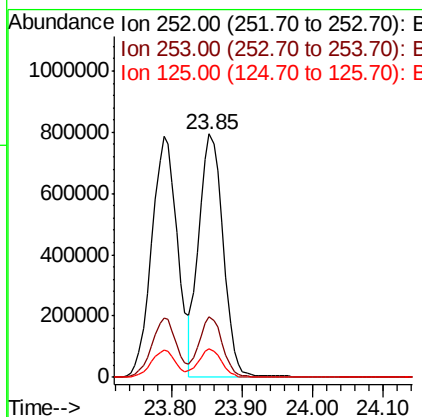
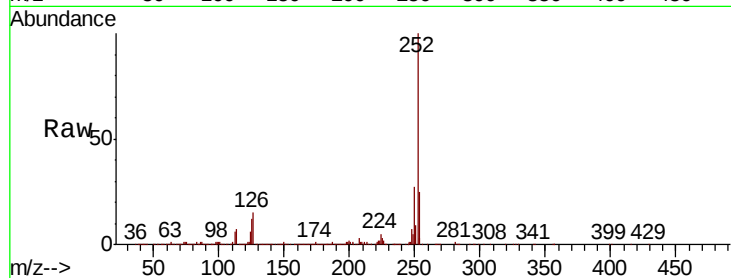




#89
Benzo(k)fluoranthene
Concen: 38.498 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

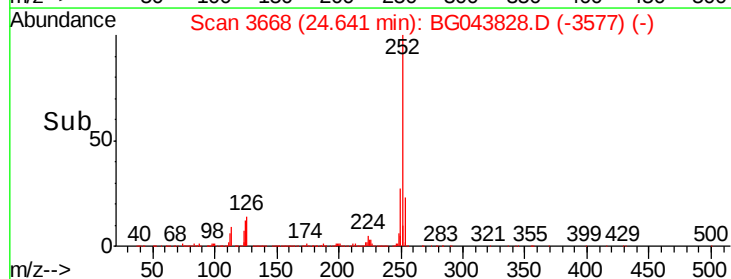
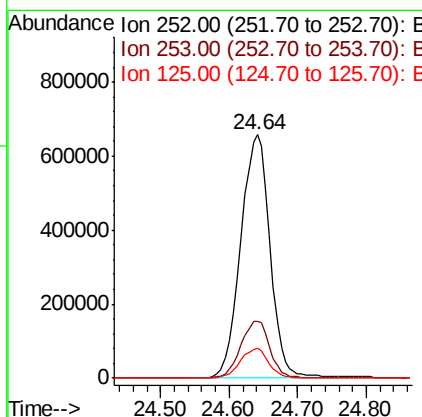
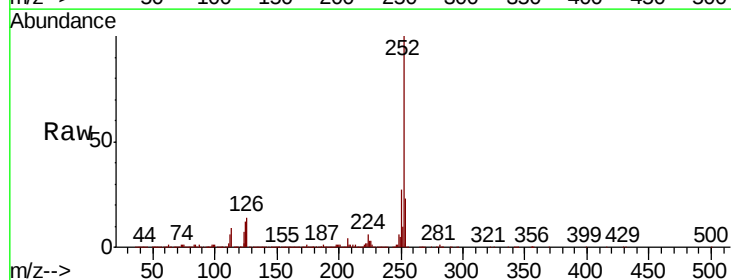
Instrument :
BNA_G
ClientSampleId :

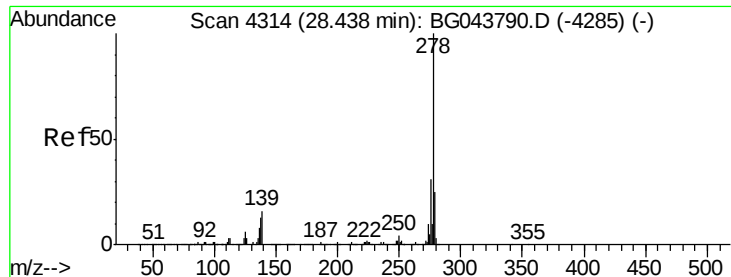
Tot Ion:252 Resp: 1908575
Ion Ratio Lower Upper
252 100
253 24.9 19.4 29.0
125 11.5 8.9 13.3



#90
Benzo(a)pyrene
Concen: 39.933 ng
RT: 24.64 min Scan# 3668
Delta R.T. 0.00 min
Lab File: BG043828.D
Acq: 17 Dec 2019 20:38

Tgt Ion:252 Resp: 1953044
Ion Ratio Lower Upper
252 100
253 23.5 19.1 28.7
125 12.2 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 37.018 ng

RT: 28.45 min Scan# 4316

Delta R.T. 0.01 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

Instrument :

BNA_G

ClientSampleId :

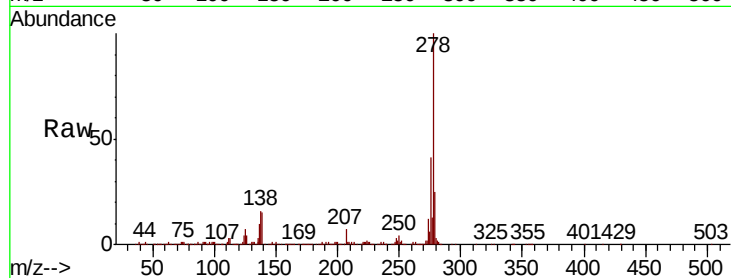
Tot Ion:278 Resp: 1808371

Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.2	19.8
279	24.7	19.8	29.6

278 100

139 15.1 13.2 19.8

279 24.7 19.8 29.6

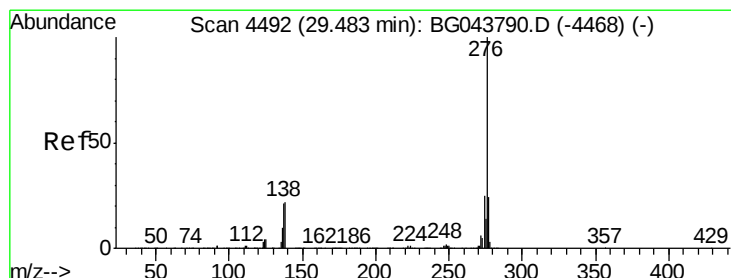
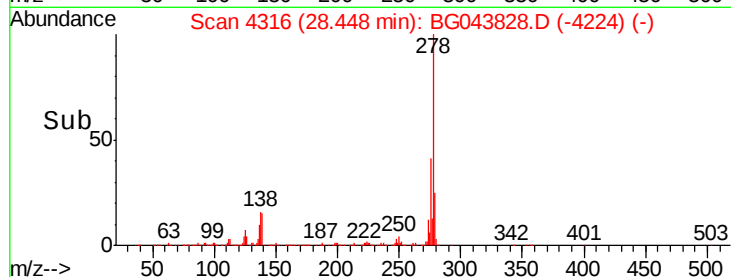
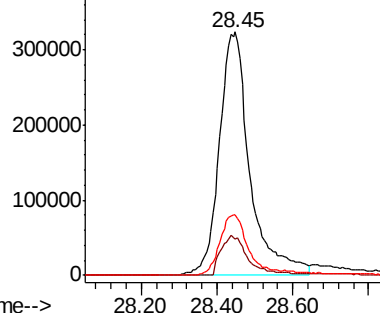


Abundance

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: 37.347 ng

RT: 29.48 min Scan# 4492

Delta R.T. -0.00 min

Lab File: BG043828.D

Acq: 17 Dec 2019 20:38

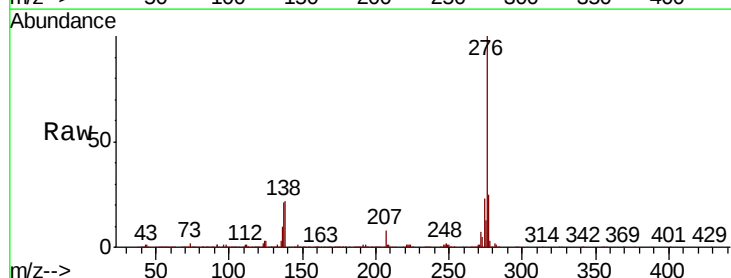
Tgt Ion:276 Resp: 1800383

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.3	28.9
138	21.9	17.6	26.4

276 100

277 25.2 19.3 28.9

138 21.9 17.6 26.4



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

