

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
 Data File : BG042405.D
 Acq On : 22 Aug 2019 17:40
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 02:34:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	50029	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	207522	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	155204	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	361180	20.00	ng	0.00
76) Chrysene-d12	21.69	240	352296	20.00	ng	0.00
87) Perylene-d12	24.94	264	429070	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	198241	80.25	ng	0.00
7) Phenol-d6	7.17	99	270115	80.95	ng	0.00
23) Nitrobenzene-d5	9.17	82	242674	80.81	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	178079	80.73	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	767096	83.59	ng	0.00
79) Terphenyl-d14	20.03	244	1356599	83.25	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	42239	40.974	ng	98
3) Pyridine	3.83	79	108664	41.108	ng	97
4) n-Nitrosodimethylamine	3.74	42	36779	38.956	ng	94
6) Aniline	7.32	93	178886	40.195	ng	100
8) 2-Chlorophenol	7.57	128	121471	40.575	ng	98
9) Benzaldehyde	7.13	77	61842	37.020	ng	99
10) Phenol	7.19	94	136413	40.209	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	106359	39.919	ng	98
12) 1,3-Dichlorobenzene	7.89	146	154346	40.528	ng	98
13) 1,4-Dichlorobenzene	8.04	146	154499	40.050	ng	98
14) 1,2-Dichlorobenzene	8.36	146	148362	40.160	ng	99
15) Benzyl Alcohol	8.24	79	93084	38.776	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	142548	39.473	ng	98
17) 2-Methylphenol	8.46	107	100441	40.196	ng	97
18) Hexachloroethane	9.10	117	52116	39.463	ng	99
19) n-Nitroso-di-n-propylamine	8.81	70	86958	40.227	ng	95
20) 3+4-Methylphenols	8.78	107	140793	40.718	ng	95
22) Acetophenone	8.83	105	181137	40.810	ng	# 96
24) Nitrobenzene	9.21	77	122738	40.361	ng	98
25) Isophorone	9.74	82	236709	39.940	ng	99
26) 2-Nitrophenol	9.93	139	75869	39.812	ng	97
27) 2,4-Dimethylphenol	9.99	122	105001	39.999	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	152764	40.896	ng	99
29) 2,4-Dichlorophenol	10.48	162	141403	41.171	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	171018	40.567	ng	96
31) Naphthalene	10.88	128	394492	40.945	ng	99
32) Benzoic acid	10.14	122	58822	33.790	ng	96
33) 4-Chloroaniline	10.98	127	180769	40.644	ng	98
34) Hexachlorobutadiene	11.17	225	114611	40.453	ng	97
35) Caprolactam	11.76	113	46584	40.648	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	132664	40.690	ng	99
37) 2-Methylnaphthalene	12.49	142	320121	41.379	ng	99
38) 1-Methylnaphthalene	12.70	142	301984	41.095	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	203110	40.751	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	101231	38.666	ng	97
43) 2,4,6-Trichlorophenol	13.10	196	137322	40.761	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	142859	40.920	ng	96
46) 1,1'-Biphenyl	13.50	154	412540	41.120	ng	99
47) 2-Chloronaphthalene	13.54	162	354476	40.977	ng	97
48) 2-Nitroaniline	13.74	65	85099	40.794	ng	99
49) Acenaphthylene	14.38	152	539588	41.460	ng	100
50) Dimethylphthalate	14.11	163	463483	41.388	ng	99
51) 2,6-Dinitrotoluene	14.23	165	107043	41.238	ng	96
52) Acenaphthene	14.73	154	326752	41.347	ng	99
53) 3-Nitroaniline	14.57	138	106556	41.046	ng	99
54) 2,4-Dinitrophenol	14.78	184	61559	38.689	ng	97
55) Dibenzofuran	15.06	168	543002	41.510	ng	98
56) 4-Nitrophenol	14.89	139	75195	40.764	ng	97
57) 2,4-Dinitrotoluene	15.02	165	151902	40.866	ng	96
58) Fluorene	15.71	166	441672	41.304	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	139152	40.304	ng	100
60) Diethylphthalate	15.48	149	447155	40.847	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	266982	41.418	ng	98
62) 4-Nitroaniline	15.73	138	115699	41.643	ng	98
63) Azobenzene	16.00	77	309362	41.241	ng	97
65) 4,6-Dinitro-2-methylphenol	15.79	198	91488	40.402	ng	98
66) n-Nitrosodiphenylamine	15.92	169	407785	41.055	ng	100
67) 4-Bromophenyl-phenylether	16.60	248	183824	40.125	ng	99
68) Hexachlorobenzene	16.73	284	200522	40.263	ng	98
69) Atrazine	16.87	200	130699	37.210	ng	99
70) Pentachlorophenol	17.07	266	105442	40.748	ng	99
71) Phenanthrene	17.46	178	744015	41.471	ng	99
72) Anthracene	17.55	178	737761	41.193	ng	99
73) Carbazole	17.82	167	662214	41.487	ng	100
74) Di-n-butylphthalate	18.37	149	780540	41.367	ng	100
75) Fluoranthene	19.47	202	925871	42.287	ng	98
77) Benzidine	19.65	184	469015	46.435	ng	100
78) Pyrene	19.83	202	926387	42.890	ng	99
80) Butylbenzylphthalate	20.71	149	353296	41.587	ng	99
81) Benzo(a)anthracene	21.67	228	902295	42.103	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	361805	41.977	ng	100
83) Chrysene	21.74	228	859609	41.591	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	496351	42.080	ng	99
85) Di-n-octyl phthalate	22.80	149	856791	42.233	ng	100
86) Indeno(1,2,3-cd)pyrene	28.64	276	1156142	41.162	ng	# 95
88) Benzo(b)fluoranthene	23.91	252	982404	41.647	ng	99
89) Benzo(k)fluoranthene	23.98	252	958701	42.282	ng	100
90) Benzo(a)pyrene	24.79	252	940664	42.025	ng	98
91) Dibenzo(a,h)anthracene	28.71	278	939755	41.465	ng	99
92) Benzo(g,h,i)perylene	29.81	276	935244	41.260	ng	98

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

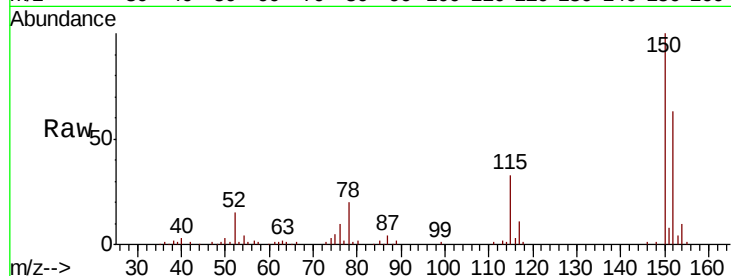


#1

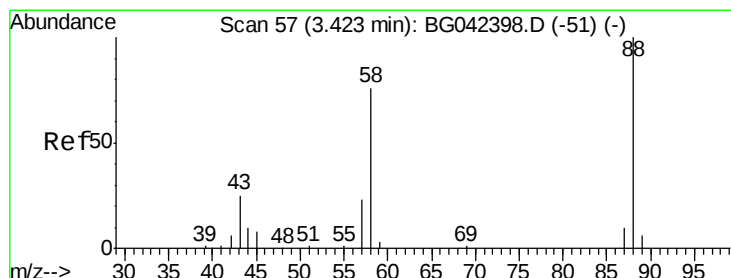
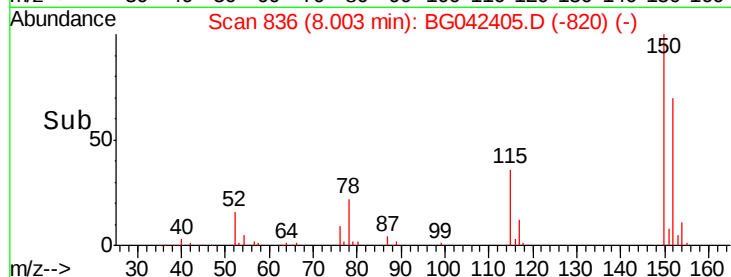
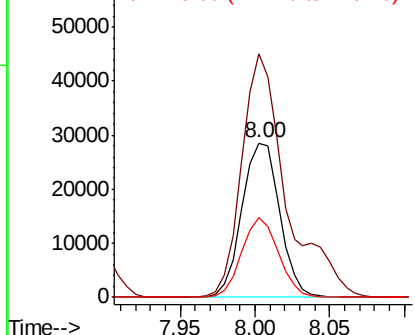
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 50029
Ion Ratio Lower Upper
152 100
150 157.9 125.4 188.0
115 51.4 38.5 57.7



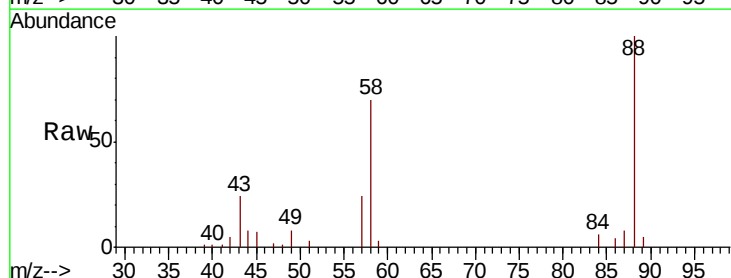
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



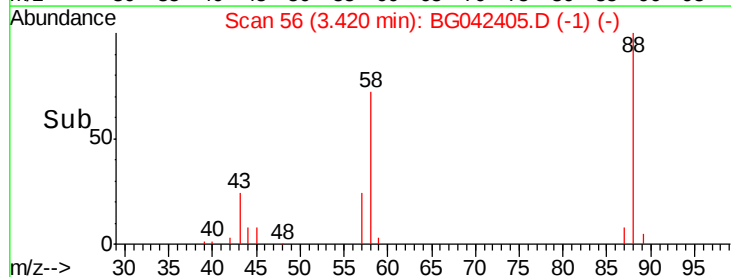
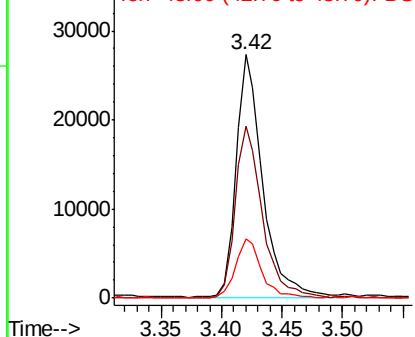
#2

1,4-Dioxane
Concen: 40.974 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Tgt Ion: 88 Resp: 42239
Ion Ratio Lower Upper
88 100
58 71.7 58.3 87.5
43 24.0 20.2 30.2



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: 41.108 ng

RT: 3.83 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampleId :

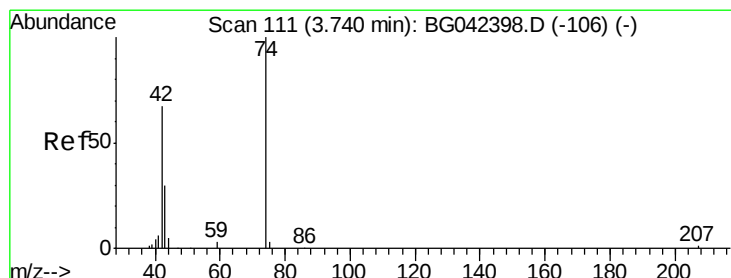
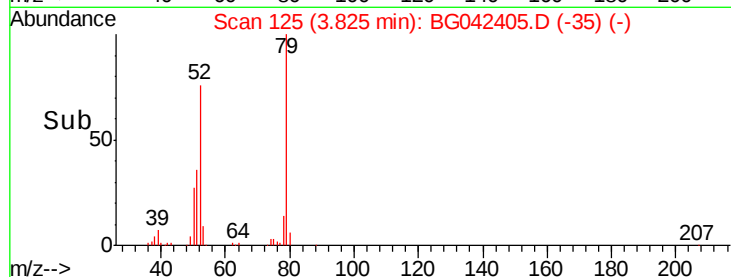
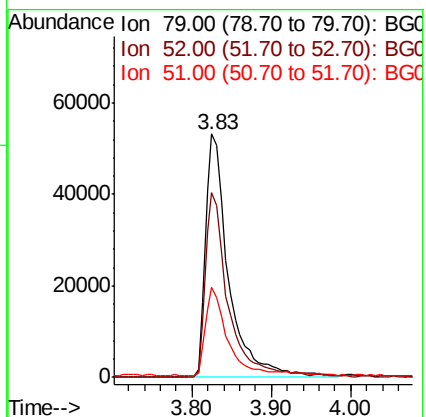
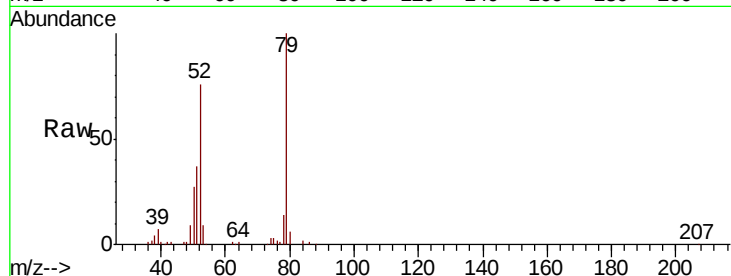
Tot Ion: 79 Resp: 108664

Ion Ratio Lower Upper

79 100

52 75.7 57.7 86.5

51 37.0 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 38.956 ng

RT: 3.74 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

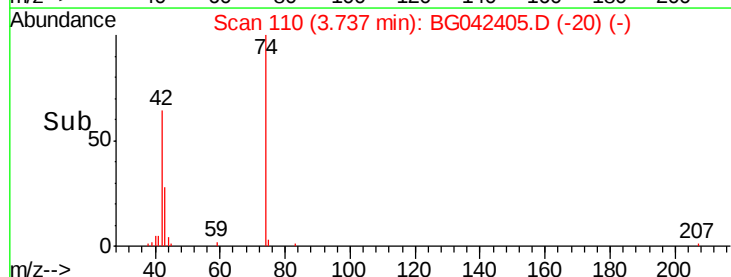
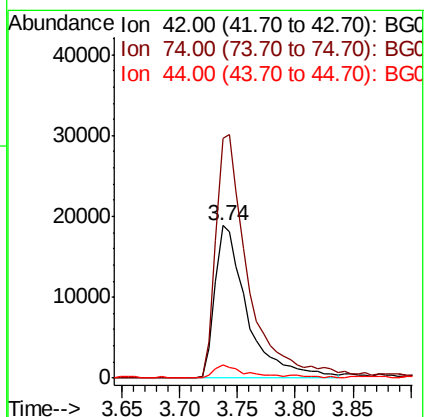
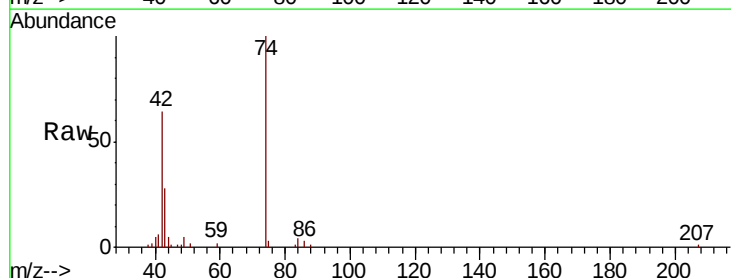
Tgt Ion: 42 Resp: 36779

Ion Ratio Lower Upper

42 100

74 156.9 119.6 179.4

44 8.3 6.5 9.7





#5

2-Fluorophenol

Concen: 80.253 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG042405.D

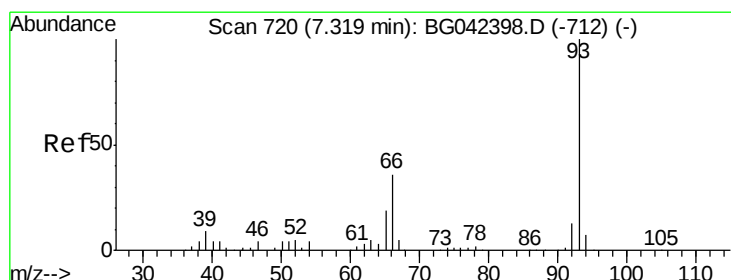
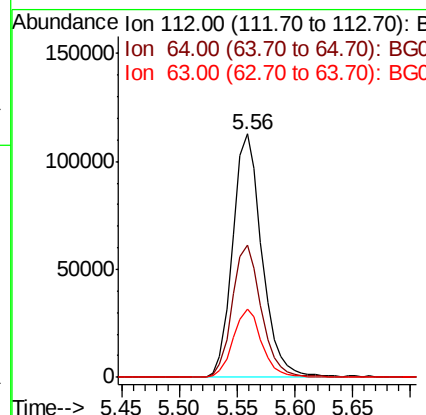
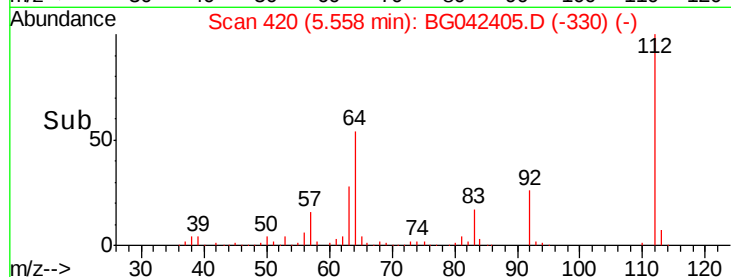
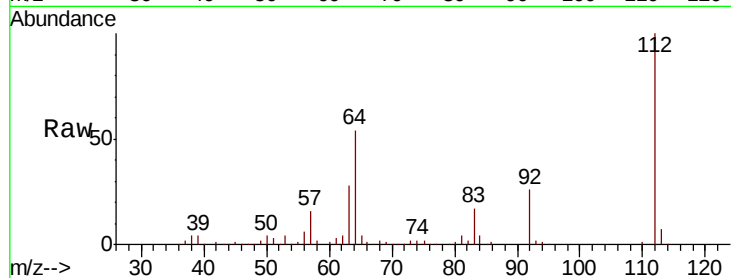
Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampled :

Tot Ion:	112	Resp:	198241
Ion	Ratio	Lower	Upper
112	100		
64	54.5	42.8	64.2
63	28.0	22.7	34.1



#6

Aniline

Concen: 40.195 ng

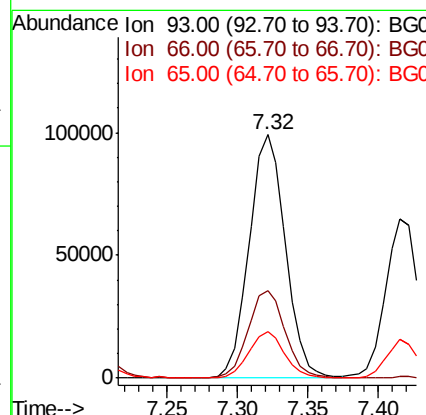
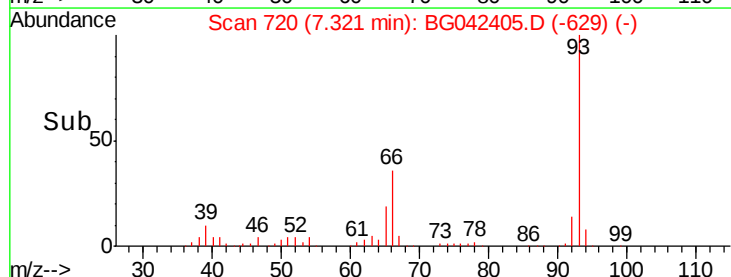
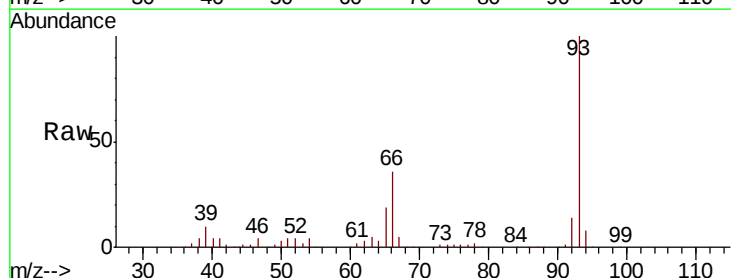
RT: 7.32 min Scan# 720

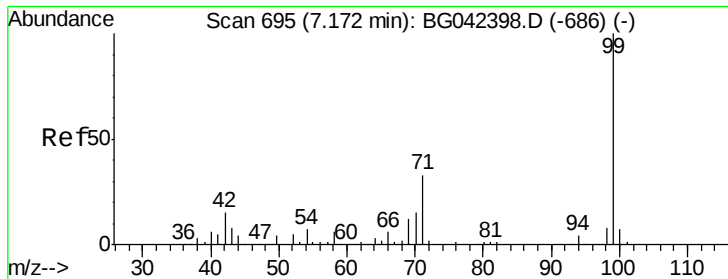
Delta R.T. 0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Tgt Ion:	93	Resp:	178886
Ion	Ratio	Lower	Upper
93	100		
66	36.0	29.0	43.6
65	19.1	15.2	22.8





#7

Phenol-d6

Concen: 80.953 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampleId :

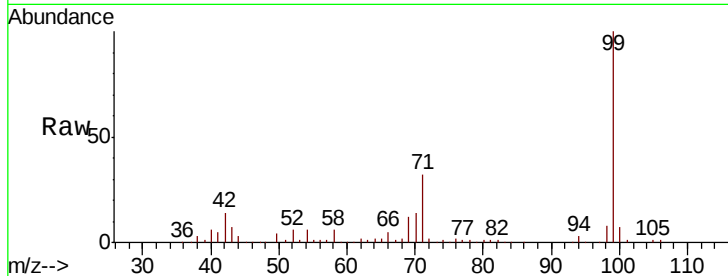
Tot Ion: 99 Resp: 270115

Ion Ratio Lower Upper

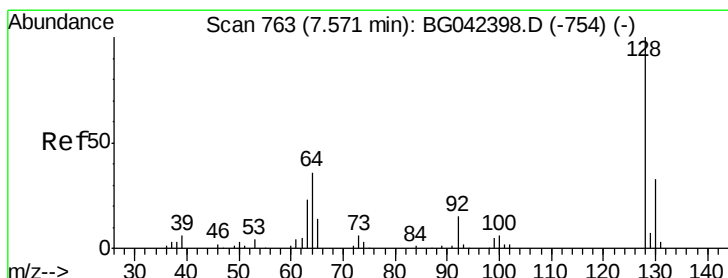
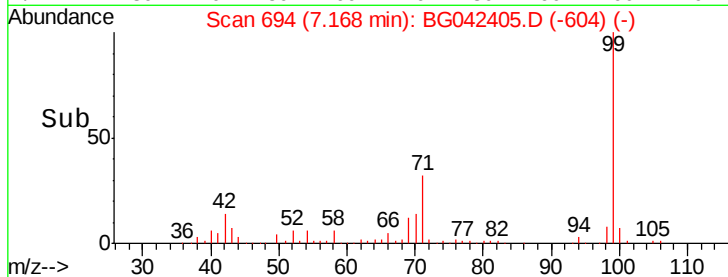
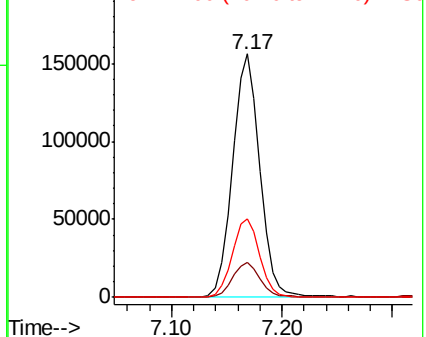
99 100

42 14.3 12.0 18.0

71 32.3 26.3 39.5



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: 40.575 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

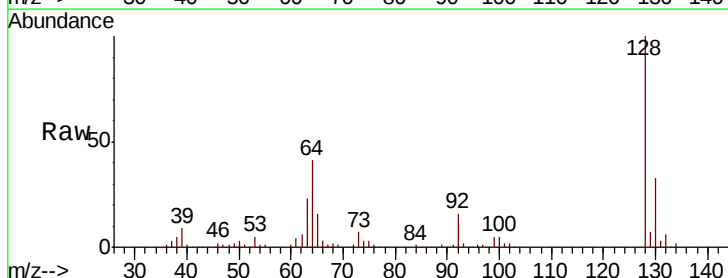
Tgt Ion: 128 Resp: 121471

Ion Ratio Lower Upper

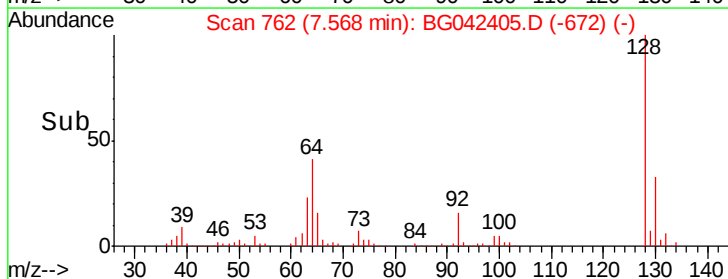
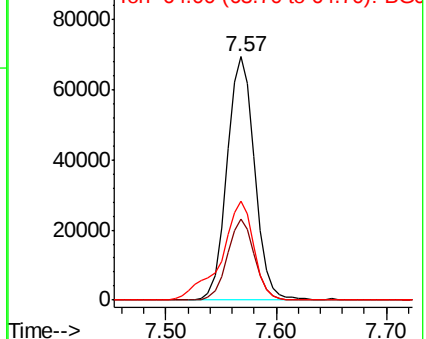
128 100

130 33.4 12.8 52.8

64 40.5 19.2 59.2



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: 37.020 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampled :

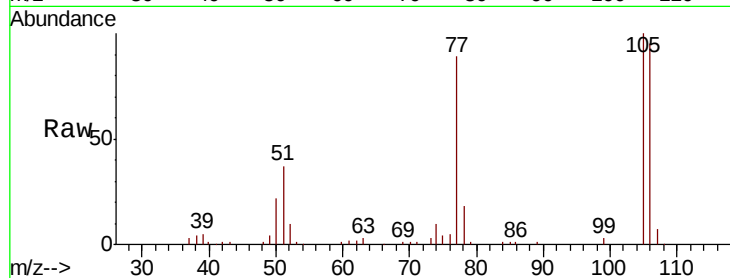
Tot Ion: 77 Resp: 61842

Ion Ratio Lower Upper

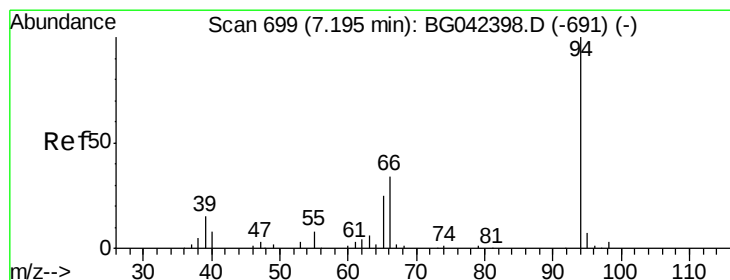
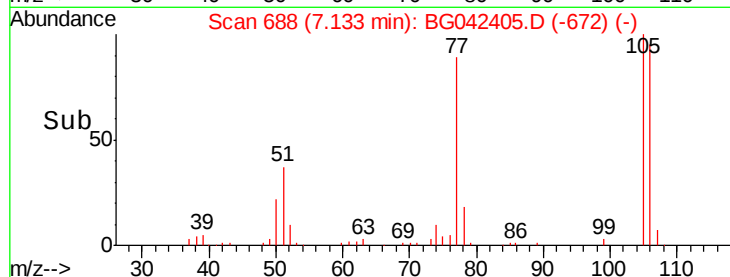
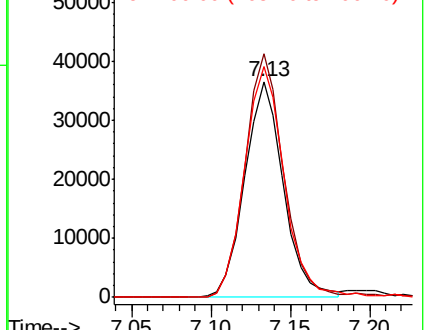
77 100

105 112.9 93.4 133.4

106 107.3 88.4 128.4



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



#10

Phenol

Concen: 40.209 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

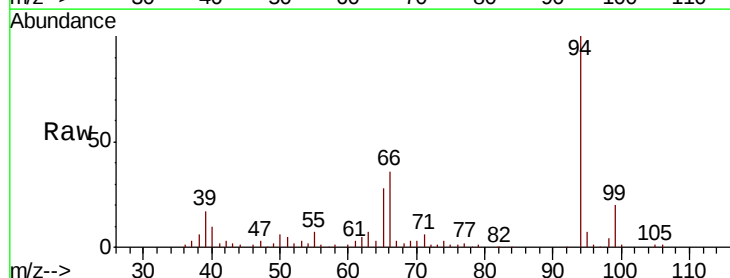
Tgt Ion: 94 Resp: 136413

Ion Ratio Lower Upper

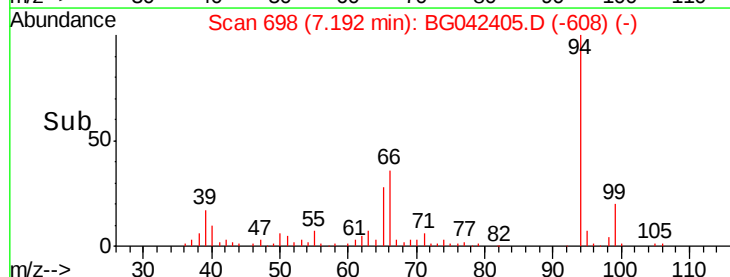
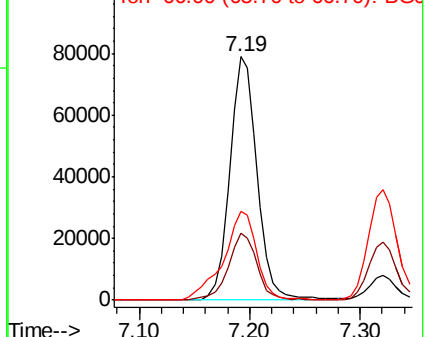
94 100

65 27.7 5.6 45.6

66 36.4 16.0 56.0



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

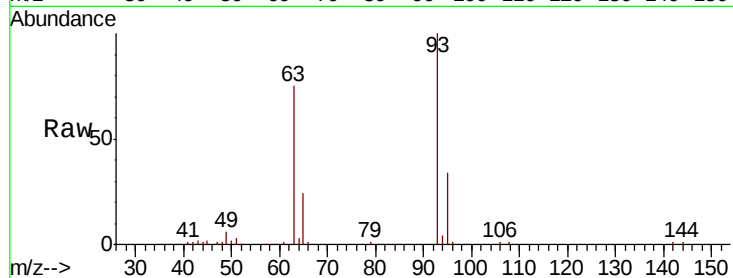




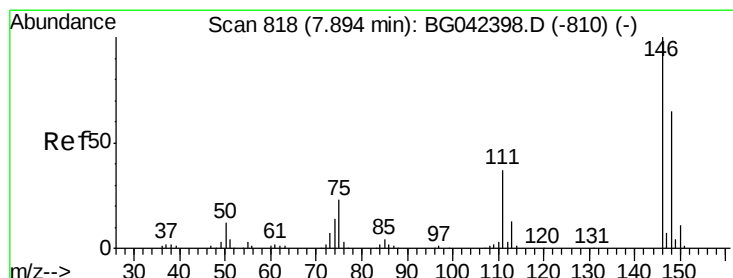
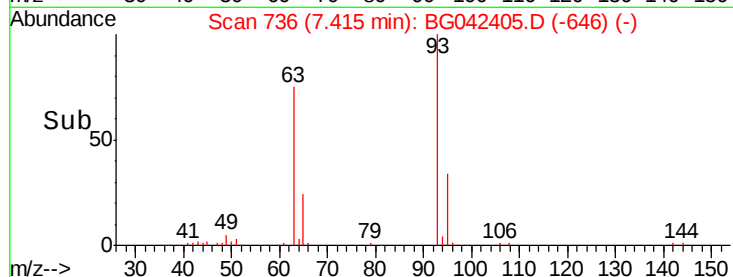
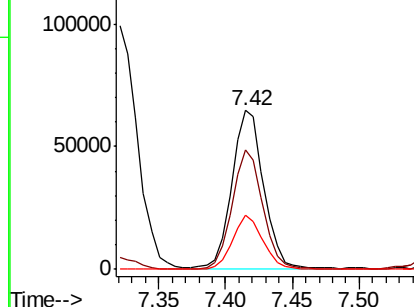
#11
bis(2-Chloroethyl)ether
Concen: 39.919 ng
RT: 7.42 min Scan# 736
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Instrument :
BNA_G
ClientSampled :

Tot Ion	93	Resp	106359
Ion	Ratio	Lower	Upper
93	100		
63	75.3	53.8	93.8
95	34.3	13.1	53.1

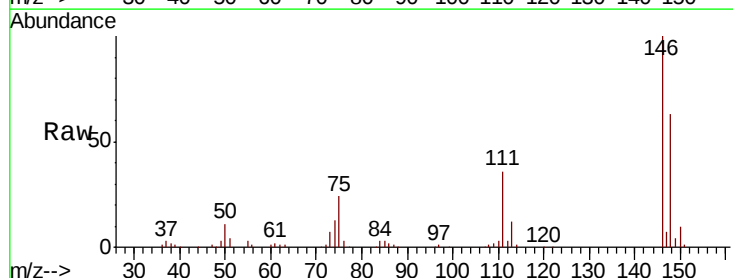


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

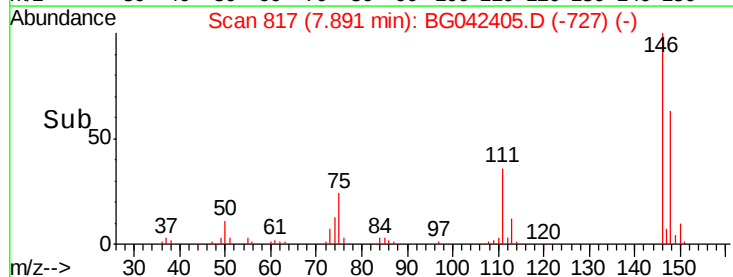
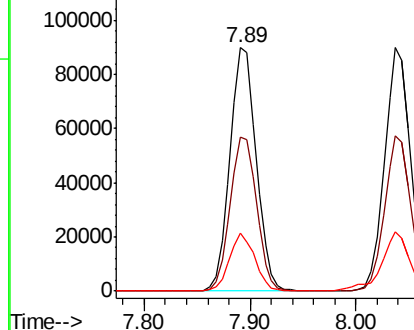


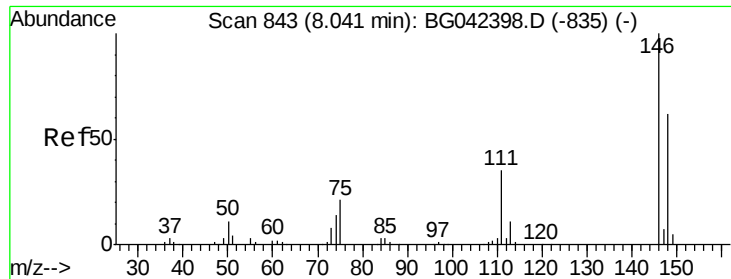
#12
1,3-Dichlorobenzene
Concen: 40.528 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Tgt Ion	146	Resp	154346
Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.2
75	23.8	18.0	27.0



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

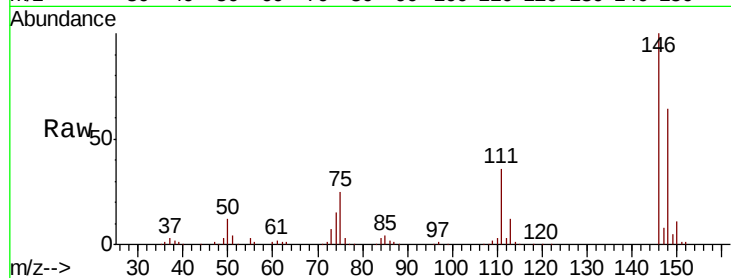




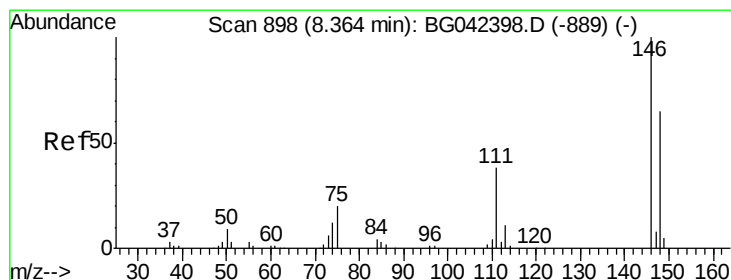
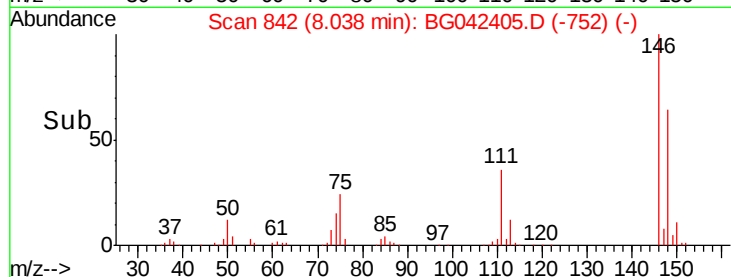
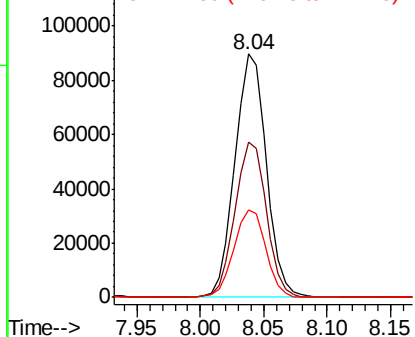
#13
 1,4-Dichlorobenzene
 Concen: 40.050 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	49.5	74.3
111	36.1	28.1	42.1

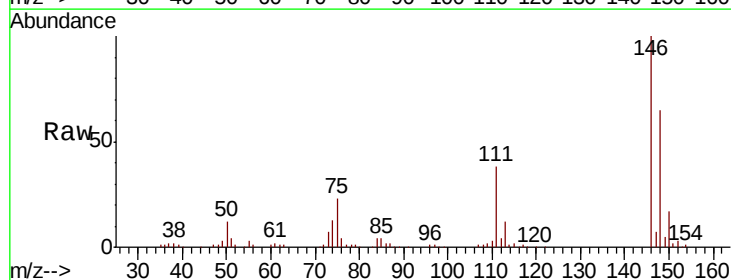


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

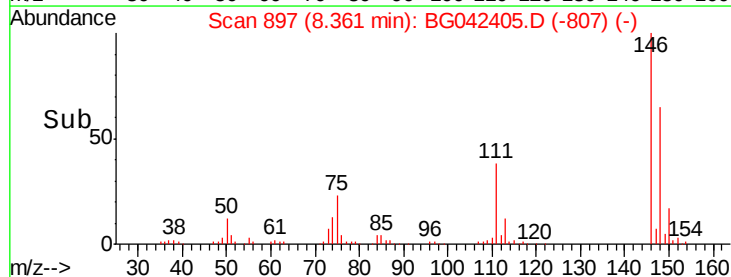
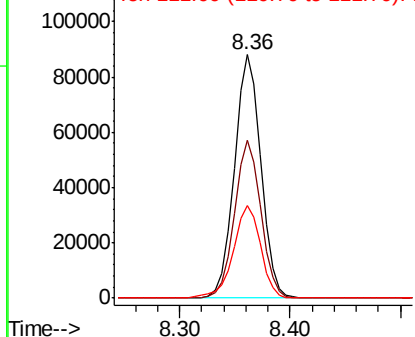


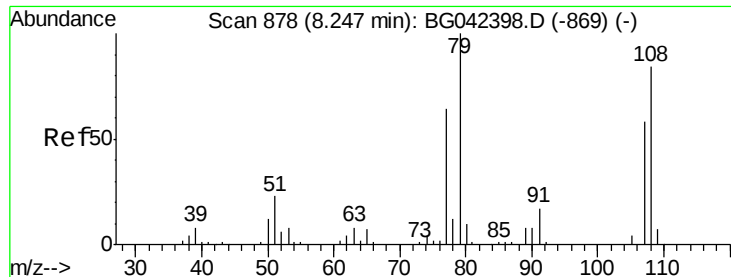
#14
 1,2-Dichlorobenzene
 Concen: 40.160 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.6
111	37.8	30.9	46.3



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: 38.776 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampleId :

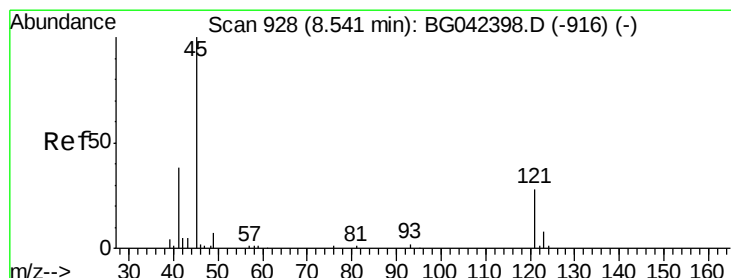
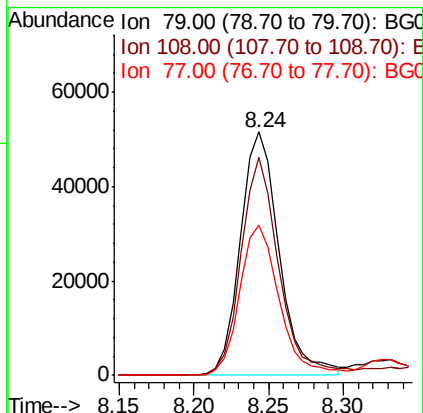
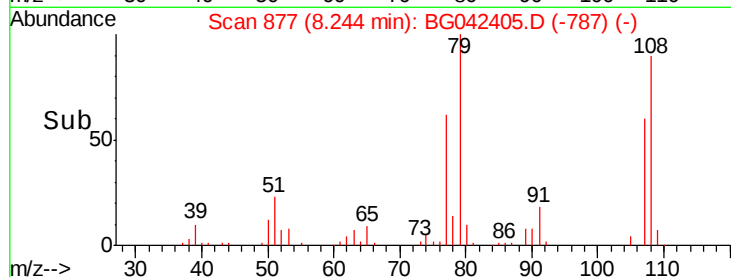
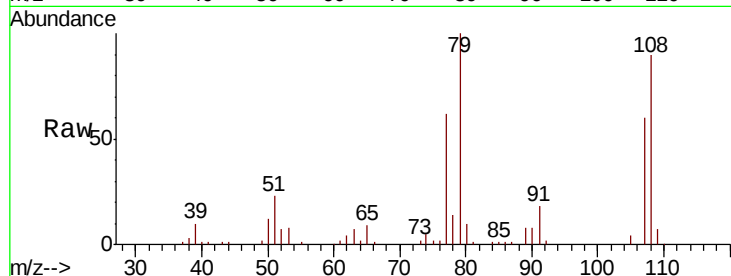
Tot Ion: 79 Resp: 93084

Ion Ratio Lower Upper

79 100

108 89.6 67.4 101.2

77 61.9 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.473 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

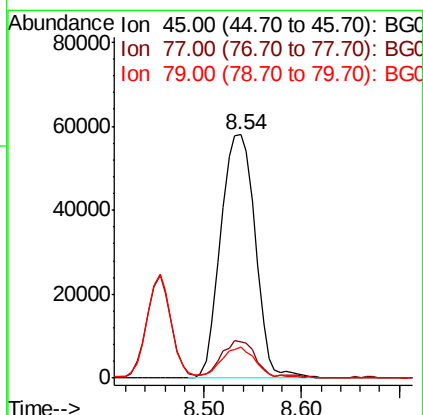
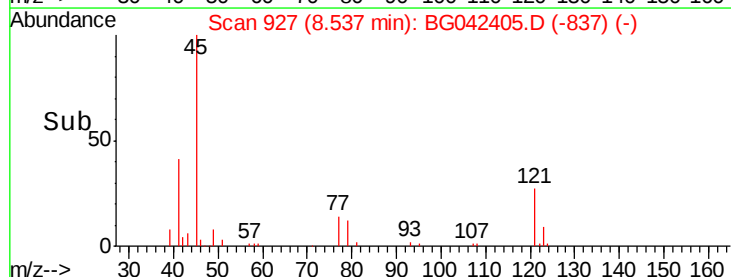
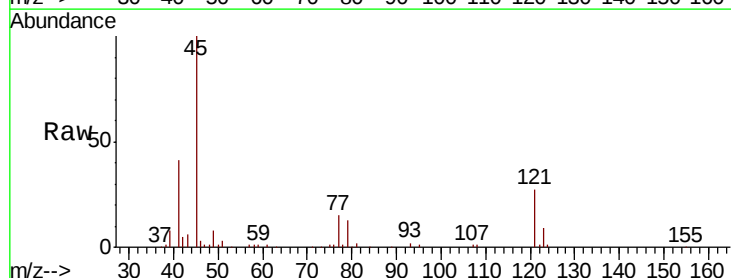
Tgt Ion: 45 Resp: 142548

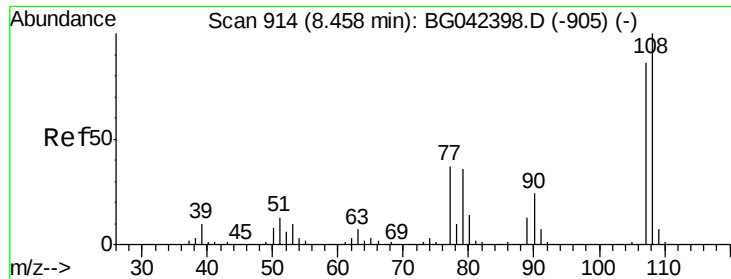
Ion Ratio Lower Upper

45 100

77 15.1 0.0 35.6

79 12.7 0.0 31.6





#17

2-Methylphenol

Concen: 40.196 ng

RT: 8.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 100441

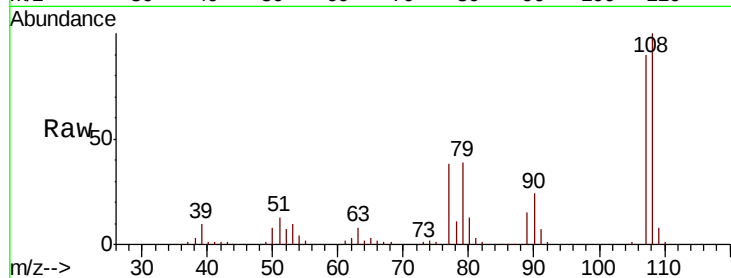
Ion Ratio Lower Upper

107 100

108 110.8 92.9 139.3

77 42.5 34.4 51.6

79 43.1 33.8 50.6

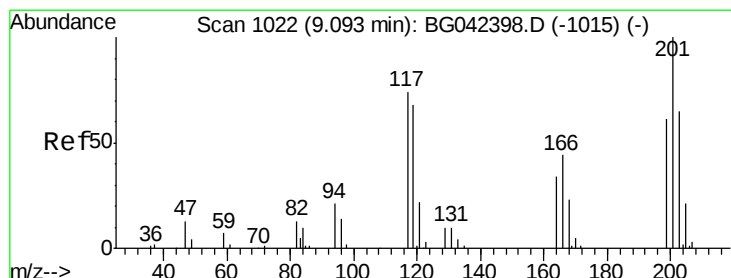
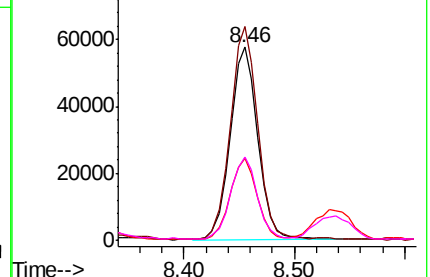
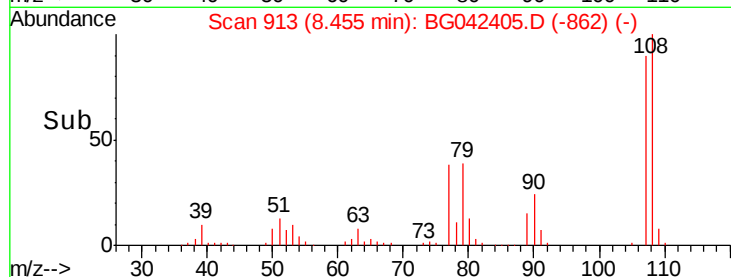


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 39.463 ng

RT: 9.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

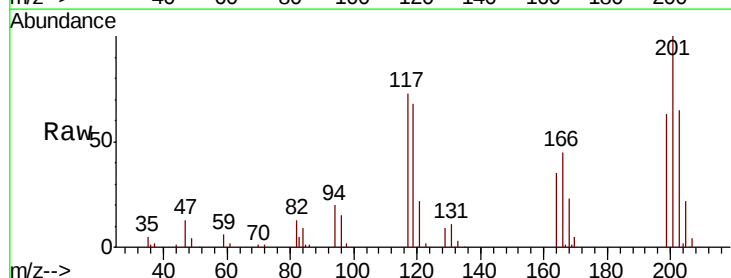
Tgt Ion:117 Resp: 52116

Ion Ratio Lower Upper

117 100

119 93.1 73.8 110.8

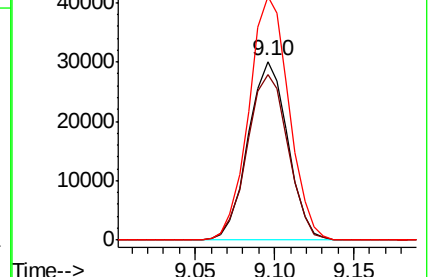
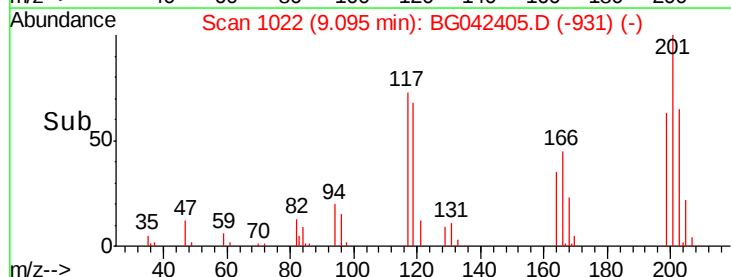
201 136.5 108.3 162.5

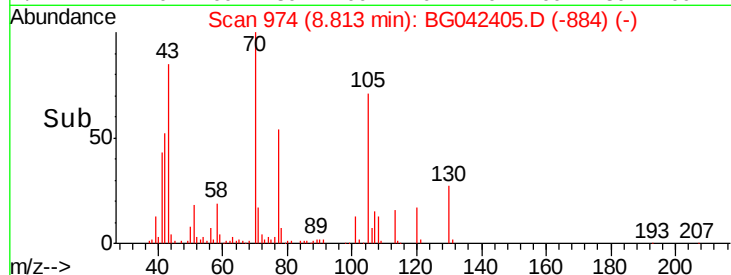
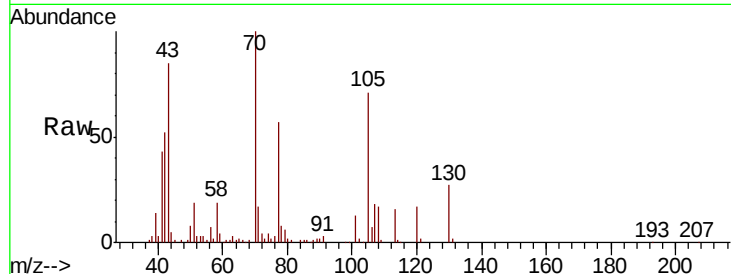


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

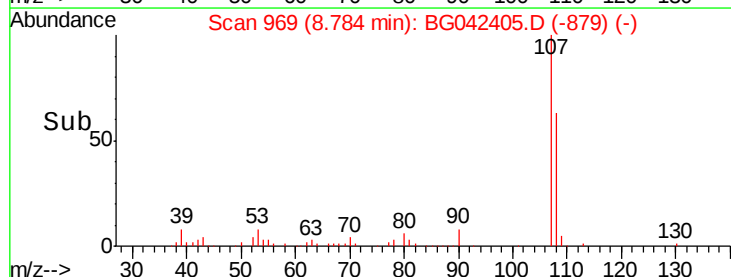
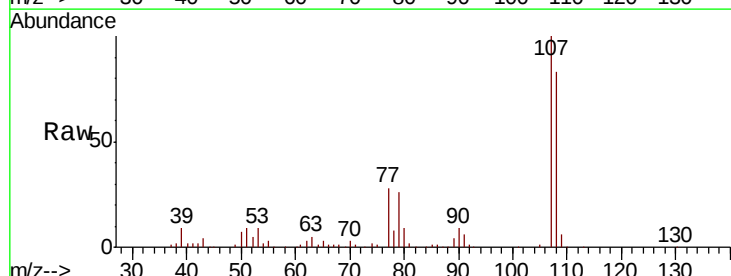
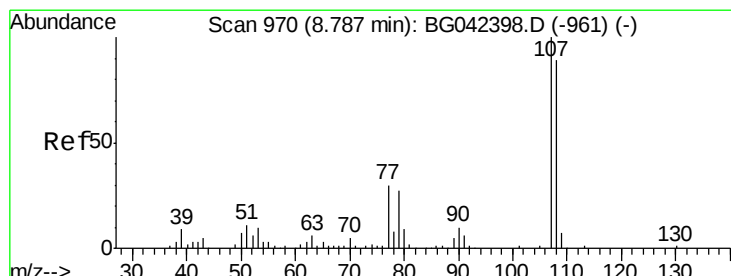
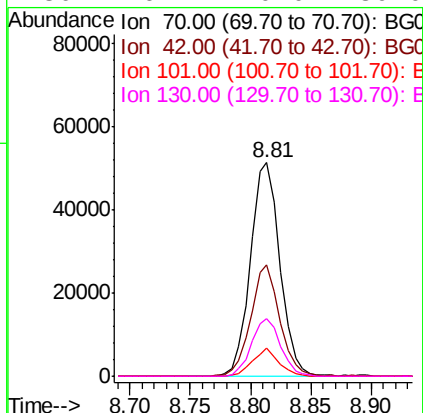




#19
n-Nitroso-di-n-propylamine
Concen: 40.227 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

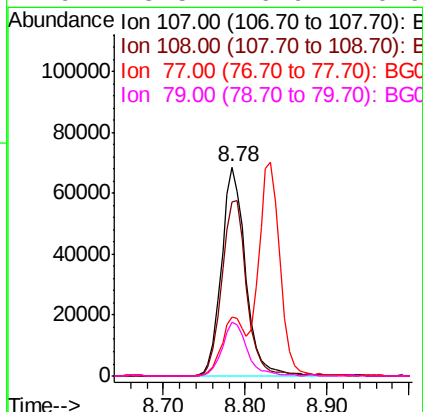
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	86958
Ion	Ratio	Lower	Upper
70	100		
42	52.4	38.8	58.2
101	13.0	9.0	13.6
130	26.7	20.0	30.0



#20
3+4-Methylphenols
Concen: 40.718 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Tgt Ion:	107	Resp:	140793
Ion	Ratio	Lower	Upper
107	100		
108	83.4	68.7	108.7
77	28.1	10.2	50.2
79	25.5	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 207522

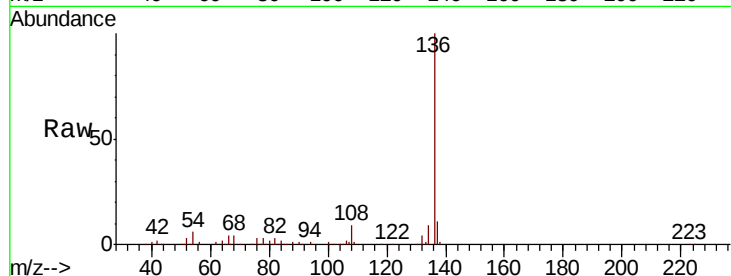
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.4 4.9 7.3

68 4.1 3.6 5.4

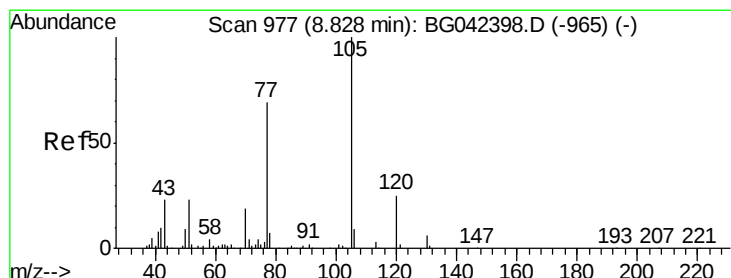
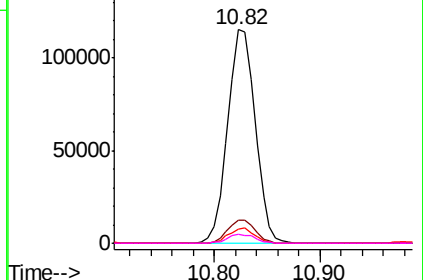
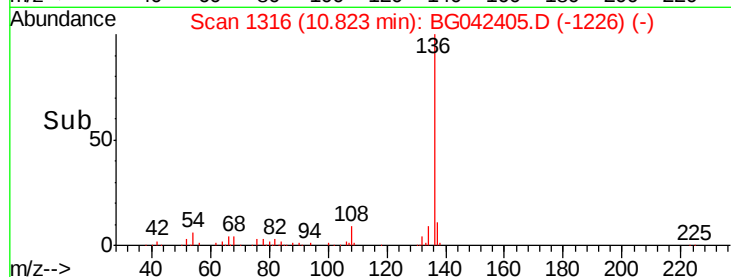


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.810 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Tgt Ion:105 Resp: 181137

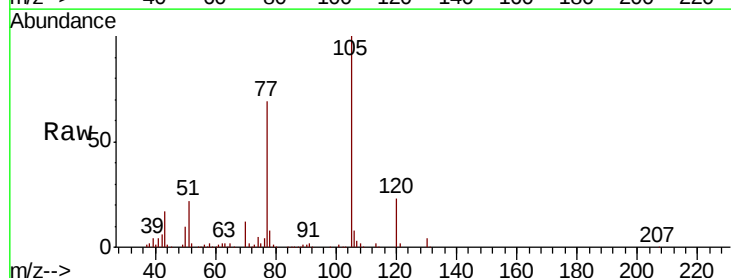
Ion Ratio Lower Upper

105 100

71 1.8 2.8 4.2#

51 21.7 18.7 28.1

120 23.4 20.1 30.1

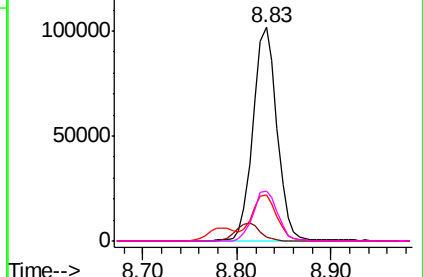
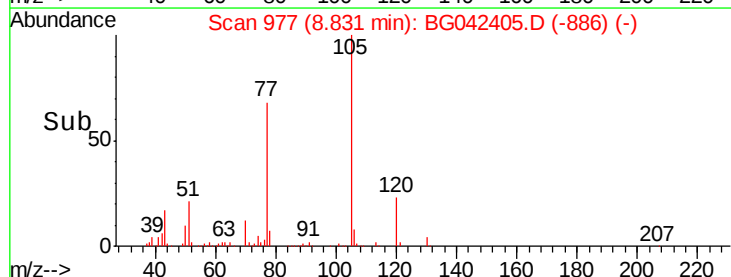


Abundance Ion 105.00 (104.70 to 105.70): E

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

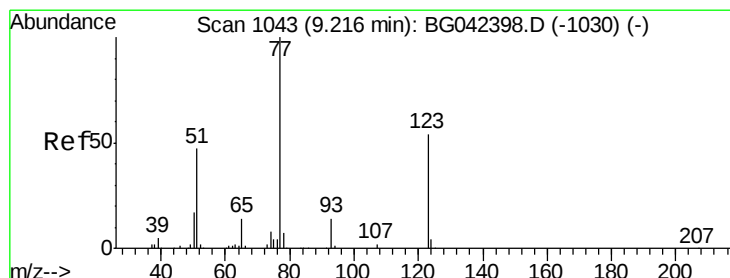
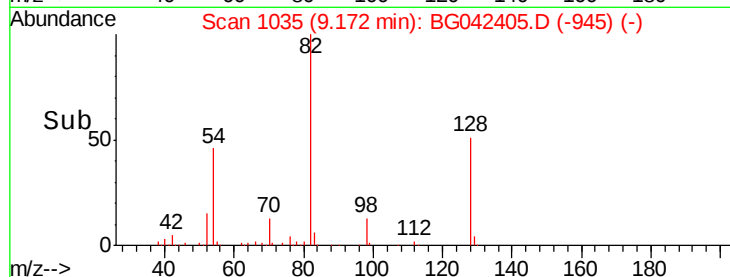
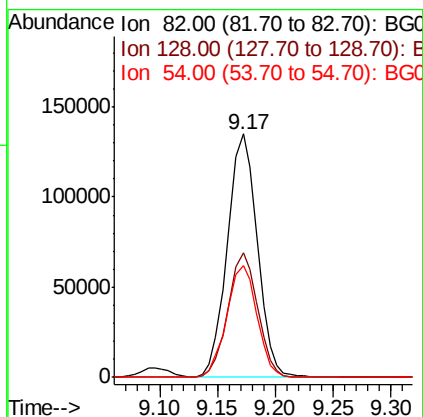
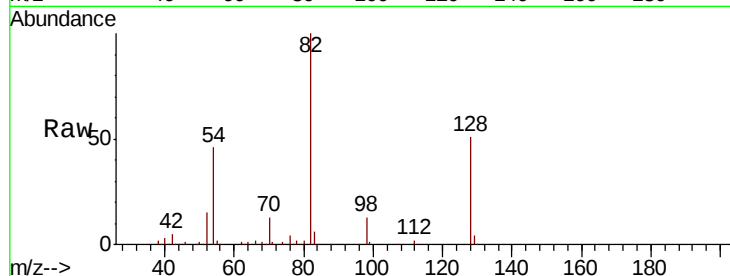




#23
 Nitrobenzene-d5
 Concen: 80.809 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

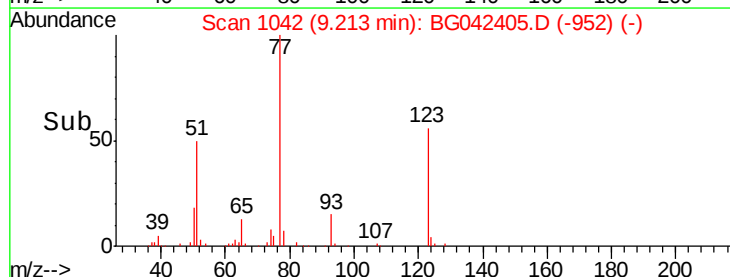
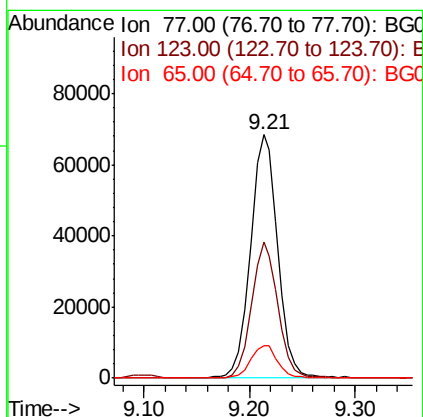
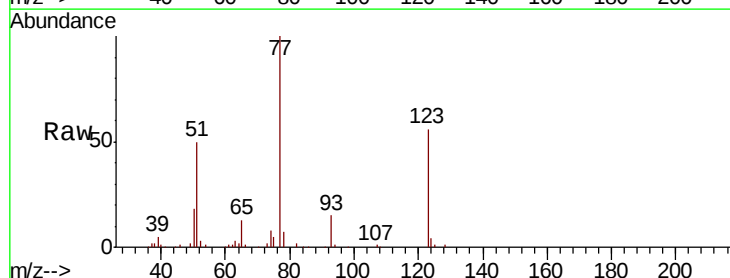
Instrument :
 BNA_G
 ClientSampleId :

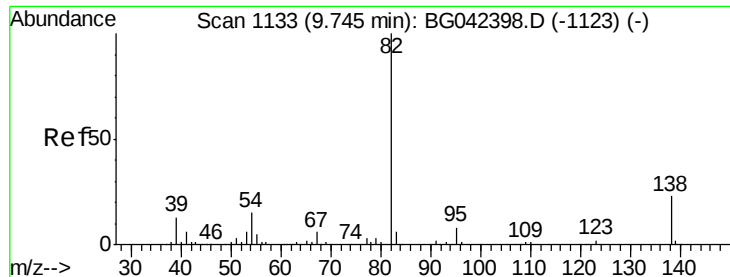
Tot Ion	82	Resp	242674
Ion Ratio	Lower	Upper	
82	100		
128	51.3	40.7	61.1
54	46.1	36.3	54.5



#24
 Nitrobenzene
 Concen: 40.361 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

Tgt Ion	77	Resp	122738
Ion Ratio	Lower	Upper	
77	100		
123	56.1	43.4	65.0
65	13.5	11.0	16.6





#25

Isophorone

Concen: 39.940 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampleId :

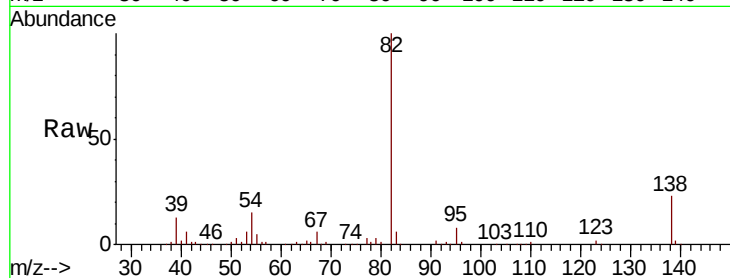
Tot Ion: 82 Resp: 236709

Ion Ratio Lower Upper

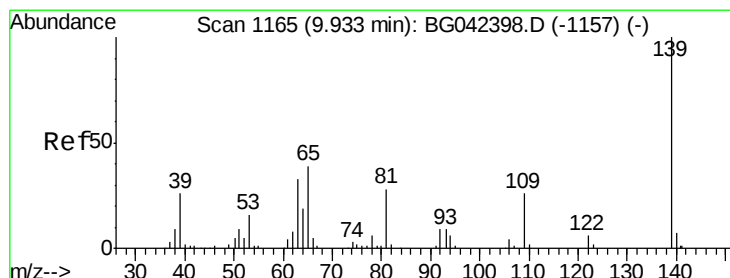
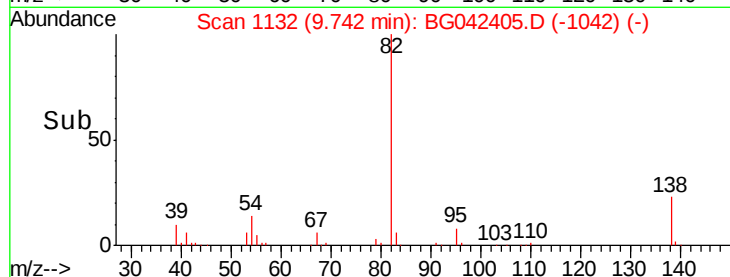
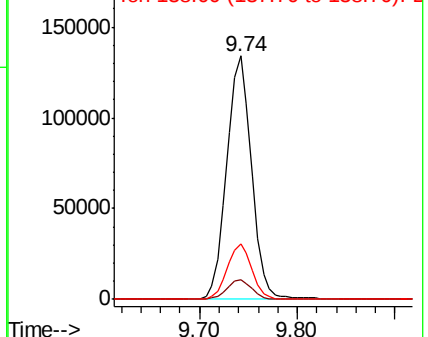
82 100

95 7.8 6.6 9.8

138 22.7 18.6 27.8



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



#26

2-Nitrophenol

Concen: 39.812 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

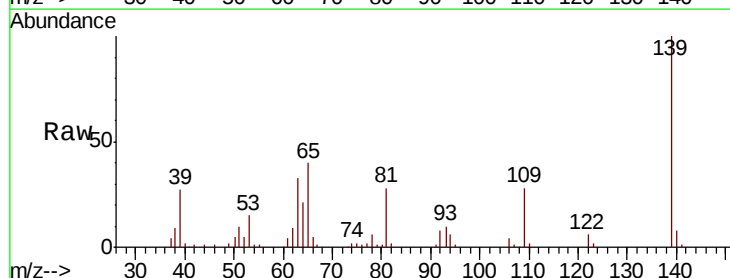
Tgt Ion: 139 Resp: 75869

Ion Ratio Lower Upper

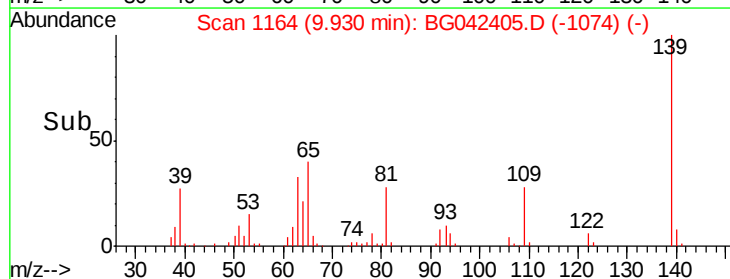
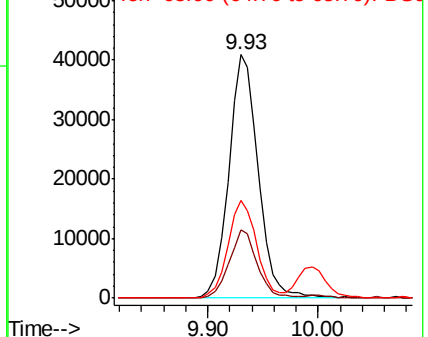
139 100

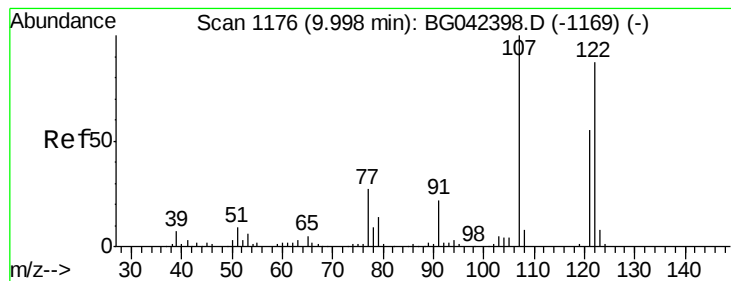
109 28.1 20.5 30.7

65 40.2 30.9 46.3



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





#27

2,4-Dimethylphenol

Concen: 39.999 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampleId :

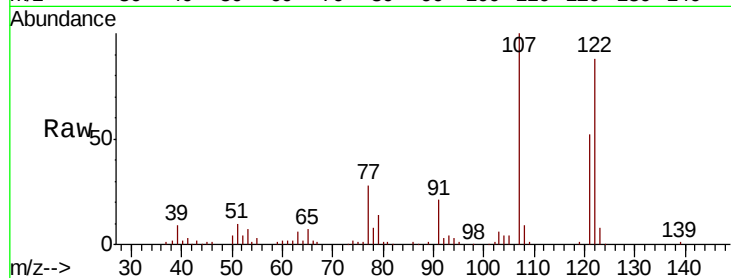
Tot Ion:122 Resp: 105001

Ion Ratio Lower Upper

122 100

107 114.2 90.8 136.2

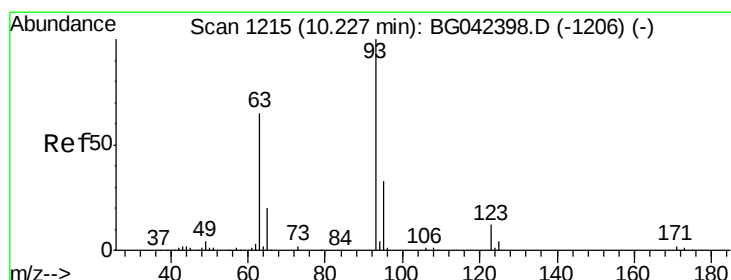
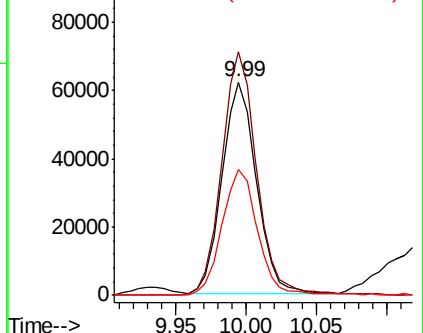
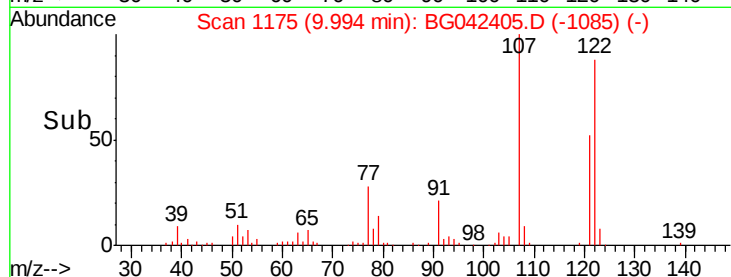
121 59.3 49.6 74.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.896 ng

RT: 10.22 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

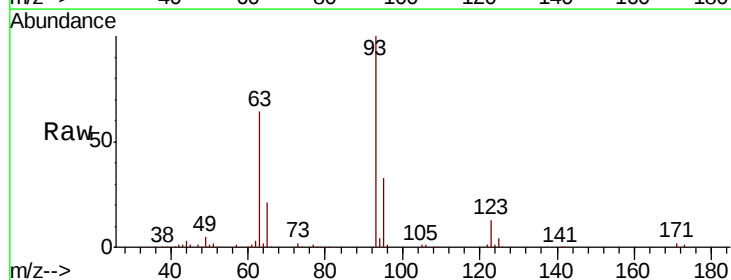
Tgt Ion: 93 Resp: 152764

Ion Ratio Lower Upper

93 100

95 33.1 26.6 40.0

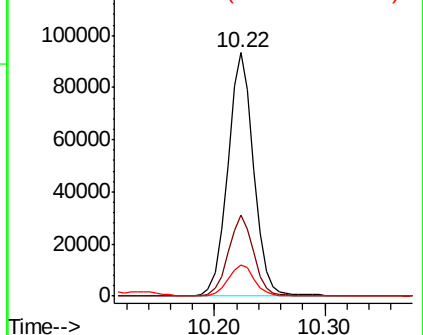
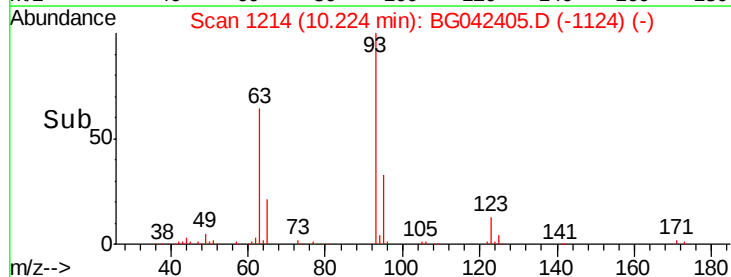
123 13.0 10.1 15.1

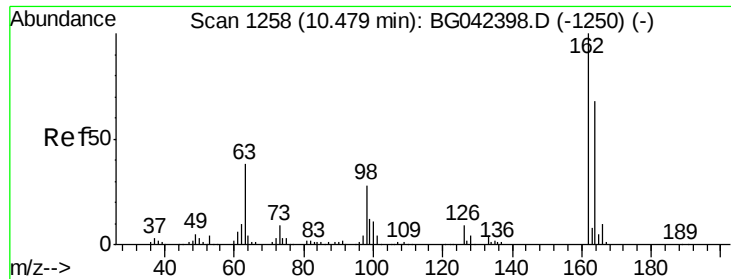


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

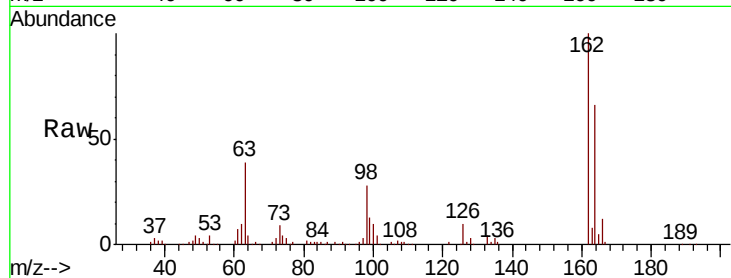




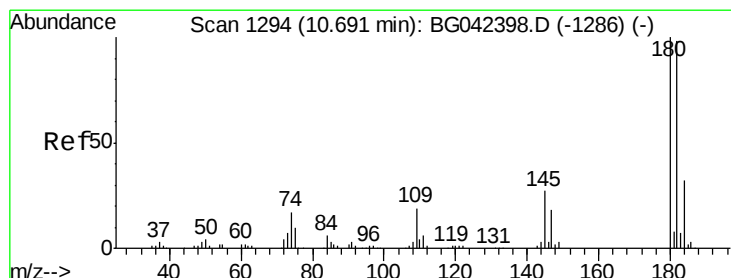
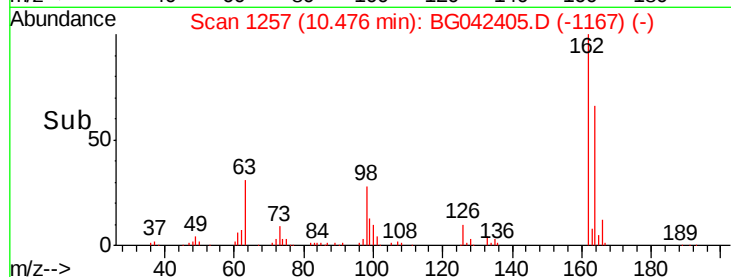
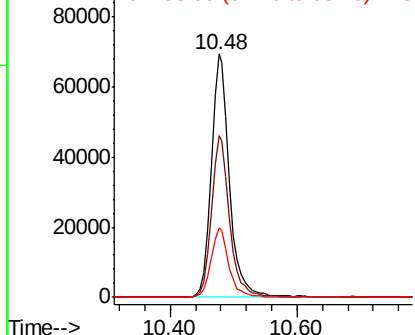
#29
2,4-Dichlorophenol
Concen: 41.171 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	48.1	88.1
98	28.4	7.6	47.6

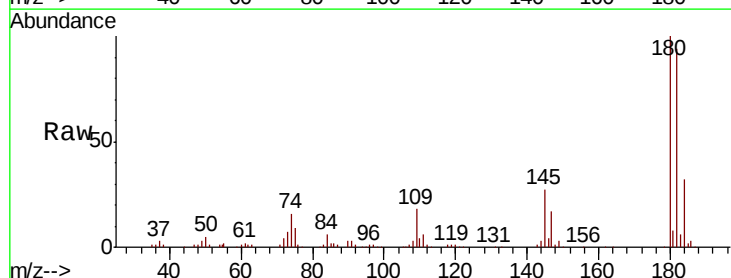


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

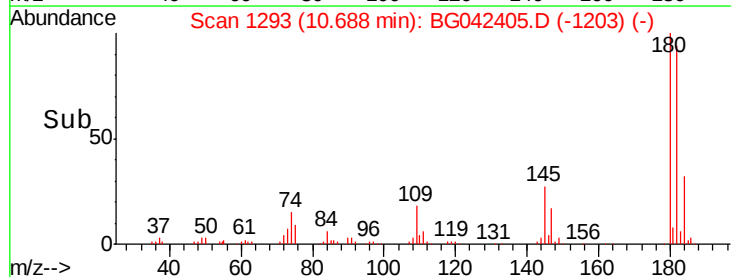
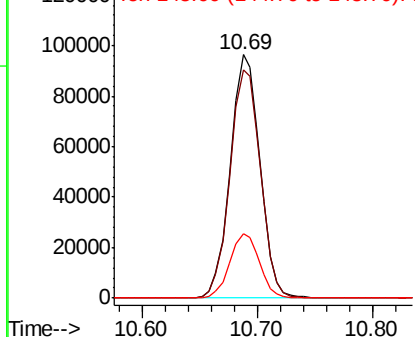


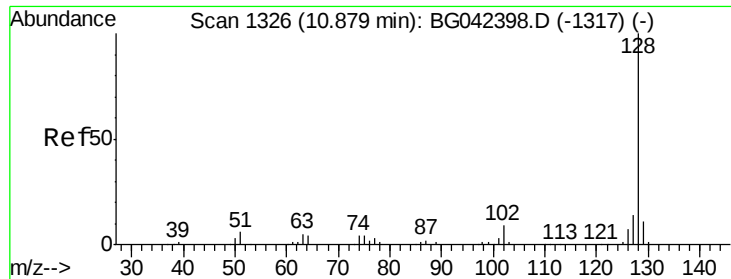
#30
1,2,4-Trichlorobenzene
Concen: 40.567 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	78.7	118.1
145	26.6	21.6	32.4



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

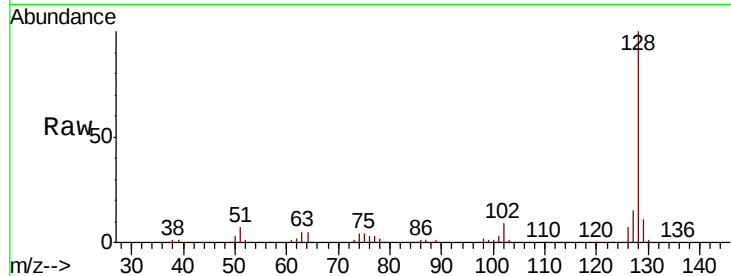




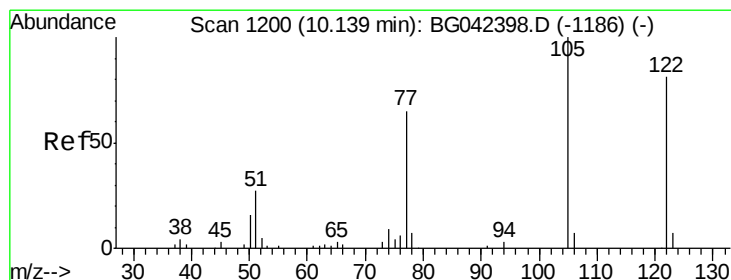
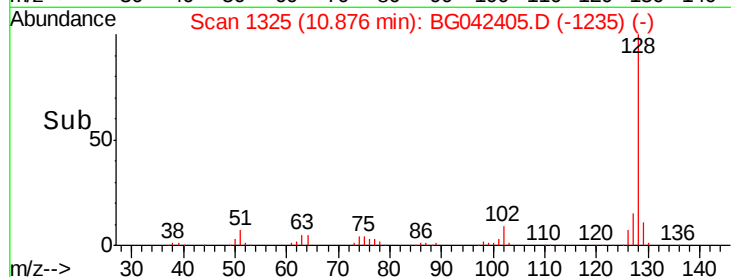
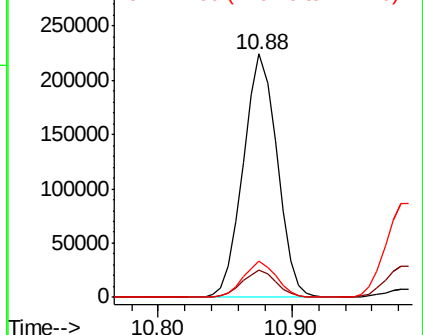
#31
Naphthalene
Concen: 40.945 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 394492
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 14.7 11.4 17.0

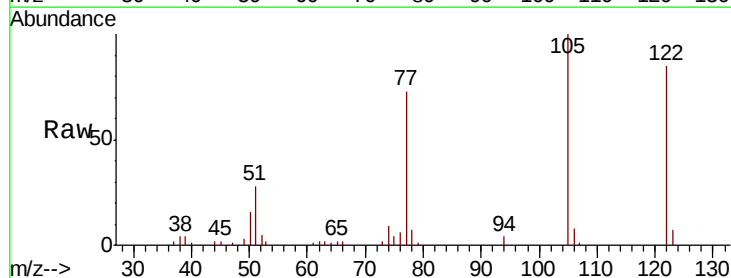


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

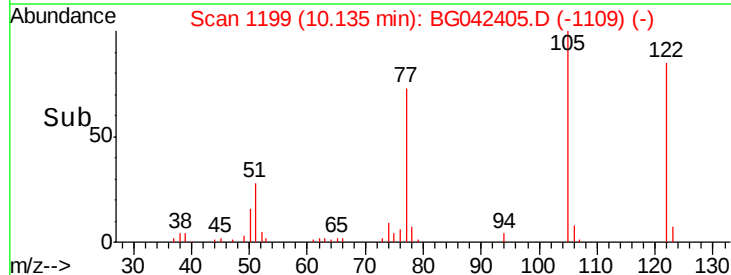
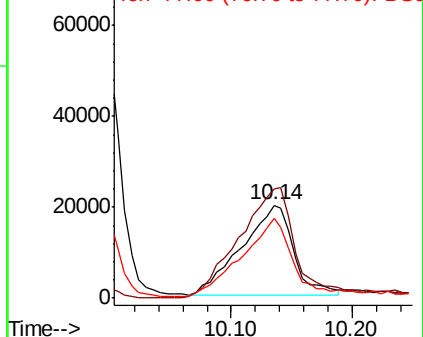


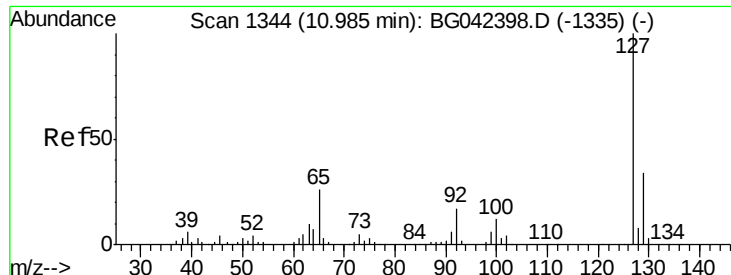
#32
Benzoic acid
Concen: 33.790 ng
RT: 10.14 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Tgt Ion:122 Resp: 58822
Ion Ratio Lower Upper
122 100
105 117.7 99.6 139.6
77 85.6 59.5 99.5



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

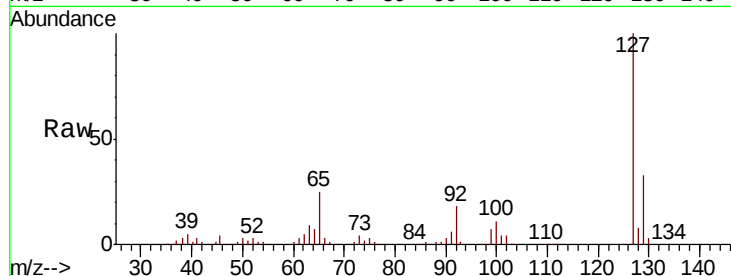




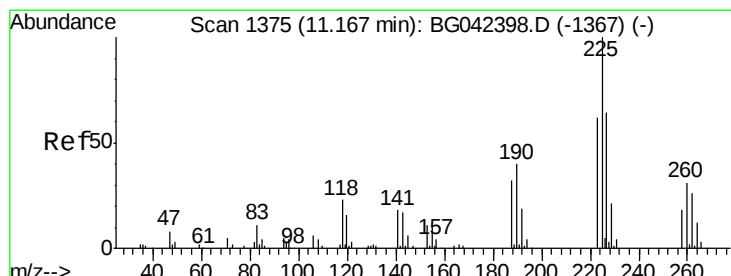
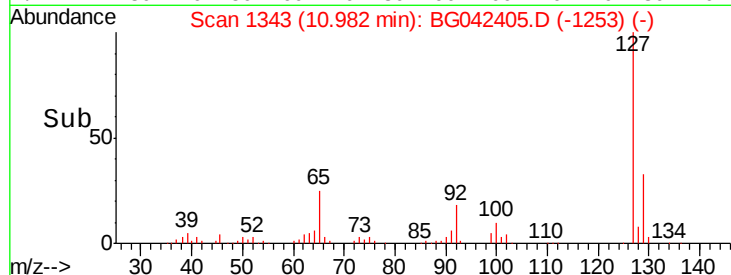
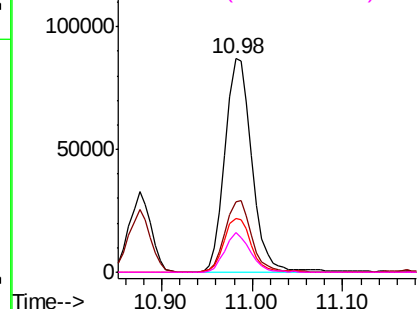
#33
4-Chloroaniline
Concen: 40.644 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	180769
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.8	40.2
65	25.3	20.7	31.1
92	18.4	13.6	20.4

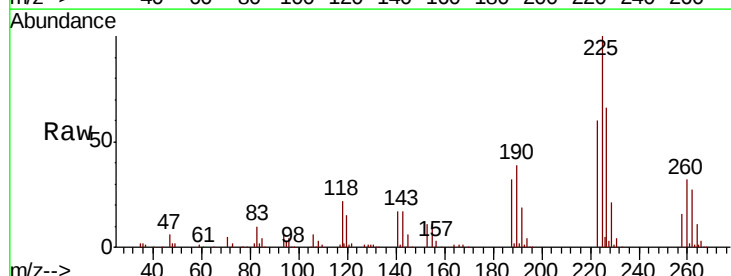


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

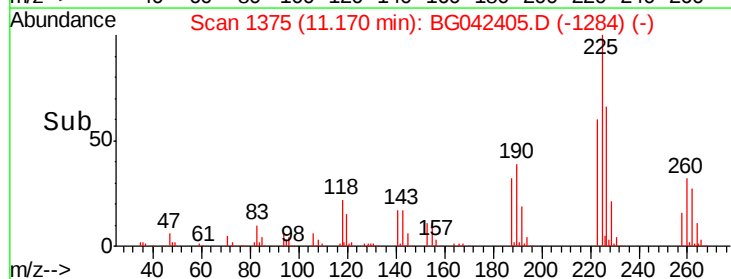
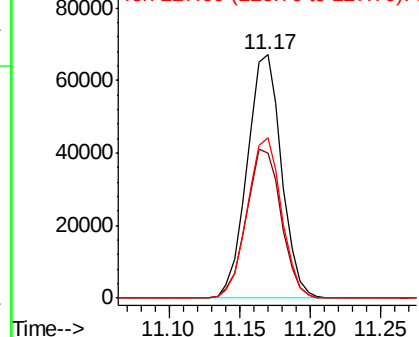


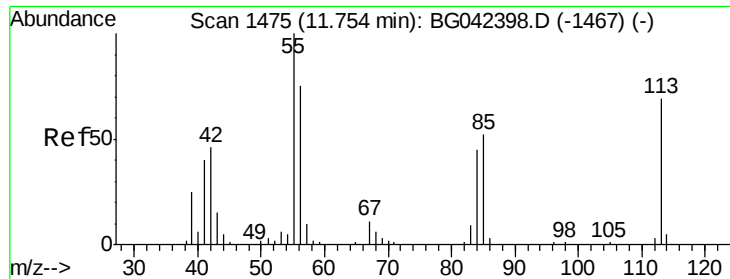
#34
Hexachlorobutadiene
Concen: 40.453 ng
RT: 11.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Tgt Ion:	225	Resp:	114611
Ion	Ratio	Lower	Upper
225	100		
223	59.7	49.8	74.6
227	65.8	50.9	76.3



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

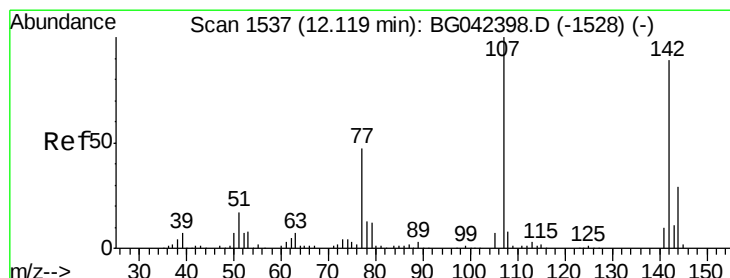
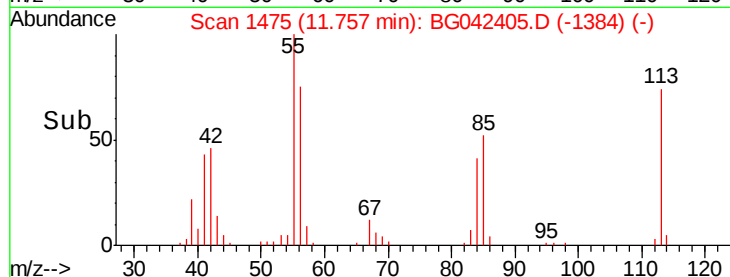
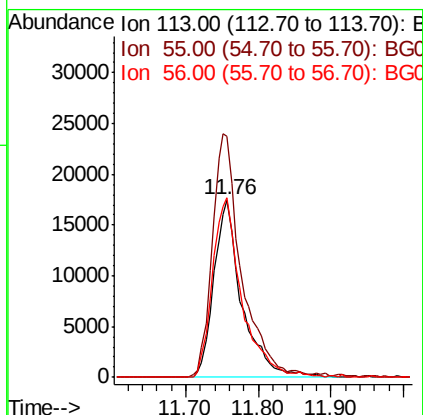
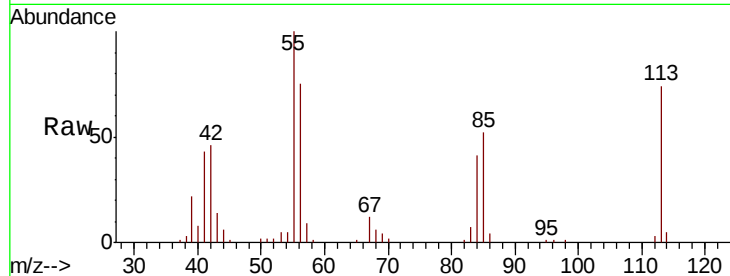




#35
 Caprolactam
 Concen: 40.648 ng
 RT: 11.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

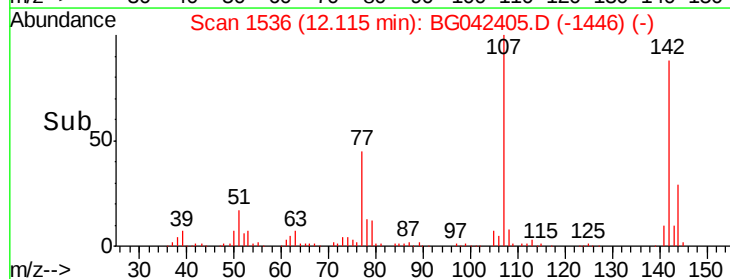
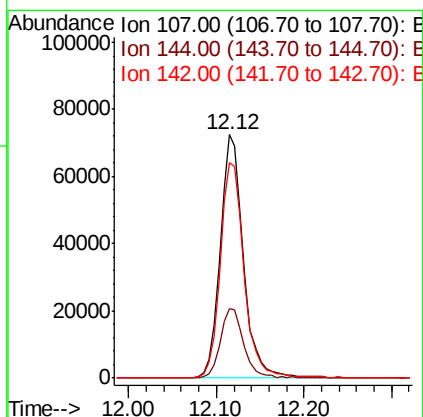
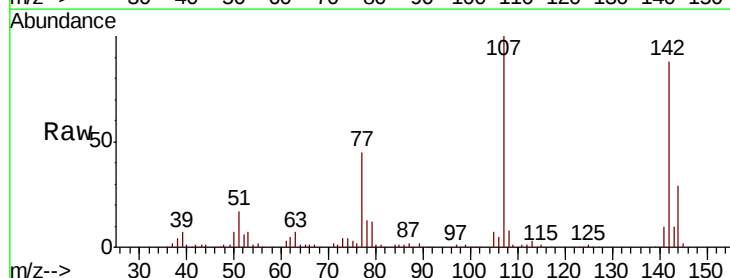
Instrument :
 BNA_G
 ClientSampleId :

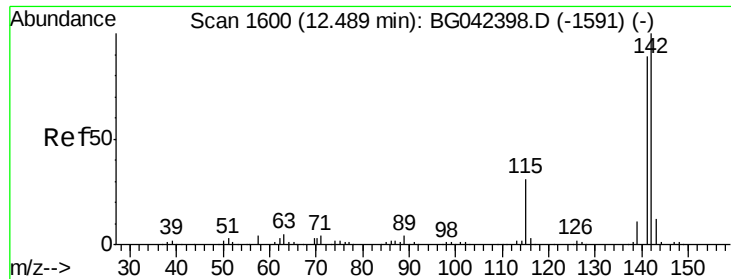
Tot Ion:113 Resp: 46584
 Ion Ratio Lower Upper
 113 100
 55 135.8 124.6 164.6
 56 101.4 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 40.690 ng
 RT: 12.12 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

Tgt Ion:107 Resp: 132664
 Ion Ratio Lower Upper
 107 100
 144 28.7 23.6 35.4
 142 88.5 71.0 106.4

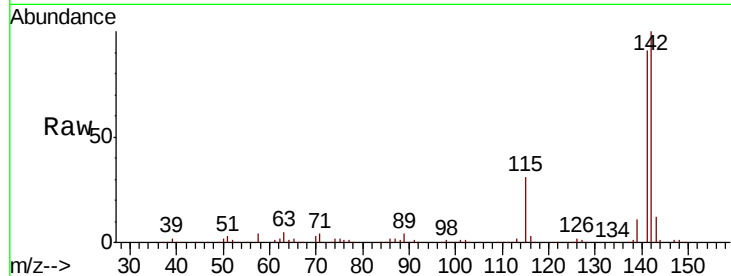




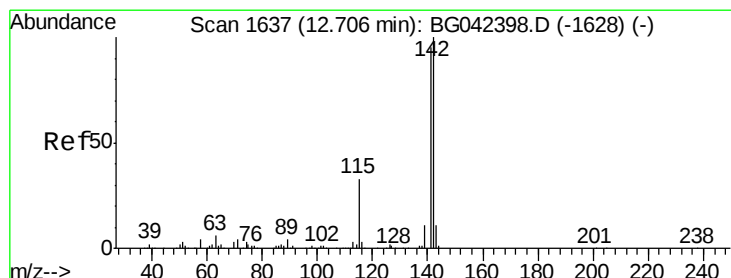
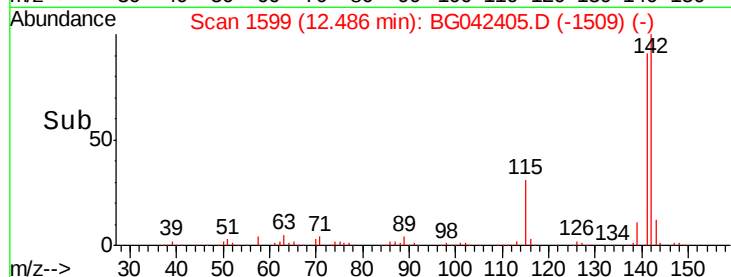
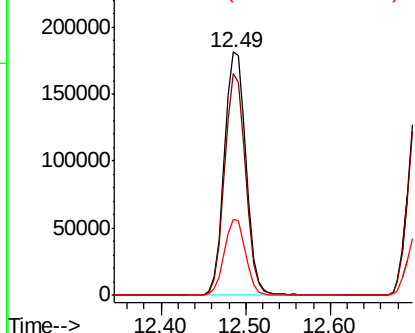
#37
 2-Methylnaphthalene
 Concen: 41.379 ng
 RT: 12.49 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:142 Resp: 320121
 Ion Ratio Lower Upper
 142 100
 141 90.9 71.4 107.2
 115 31.3 25.2 37.8

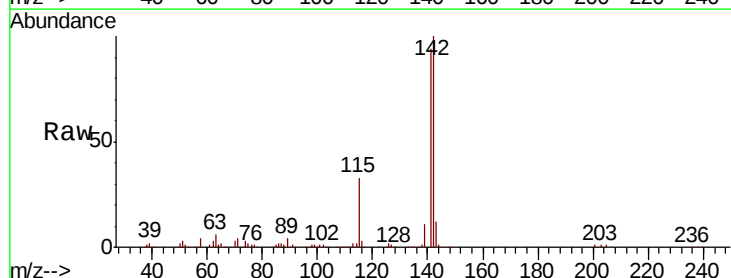


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

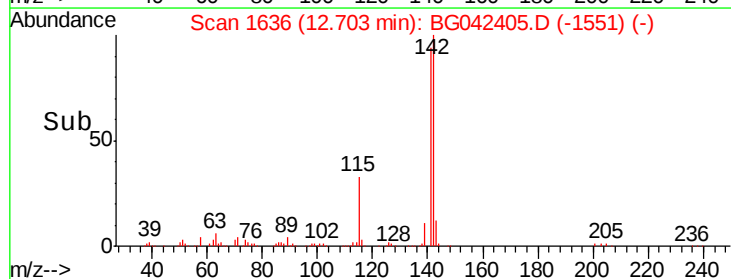
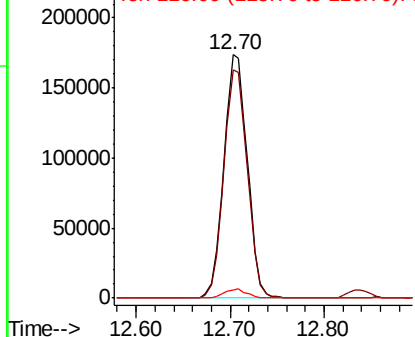


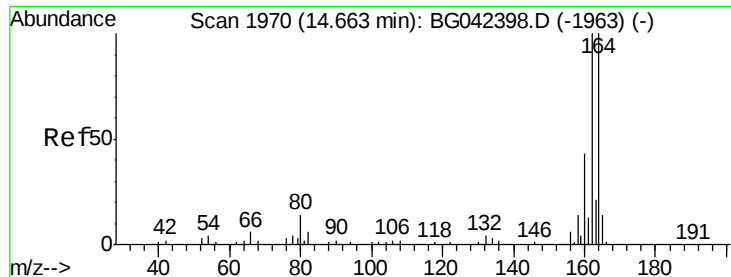
#38
 1-Methylnaphthalene
 Concen: 41.095 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

Tgt Ion:142 Resp: 301984
 Ion Ratio Lower Upper
 142 100
 141 93.6 76.2 114.2
 116 3.2 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampleId :

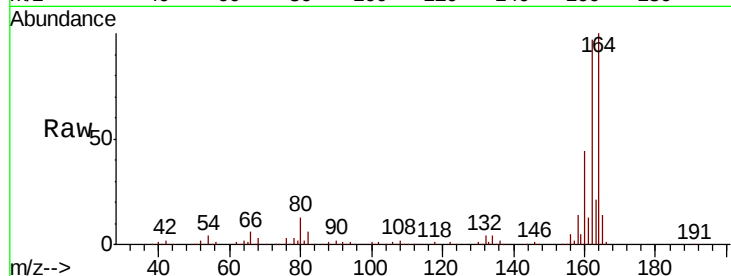
Tot Ion:164 Resp: 155204

Ion Ratio Lower Upper

164 100

162 96.6 79.9 119.9

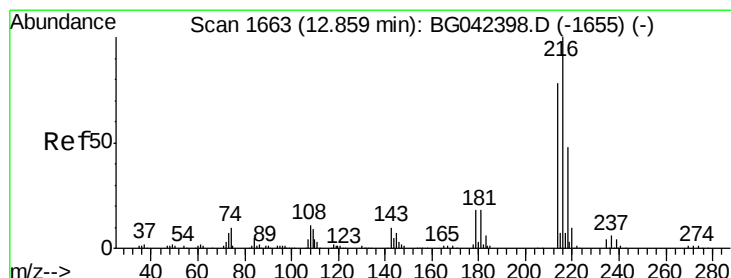
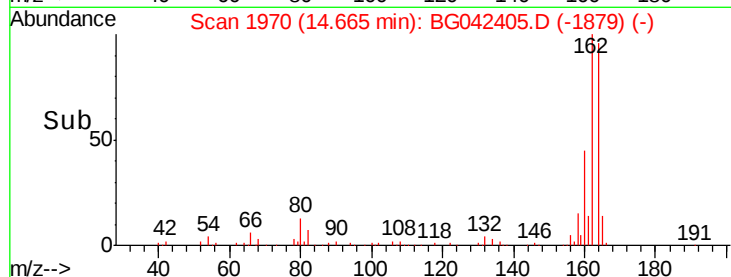
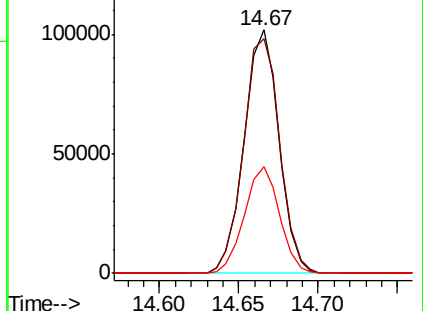
160 43.7 34.3 51.5



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: 40.751 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Tgt Ion:216 Resp: 203110

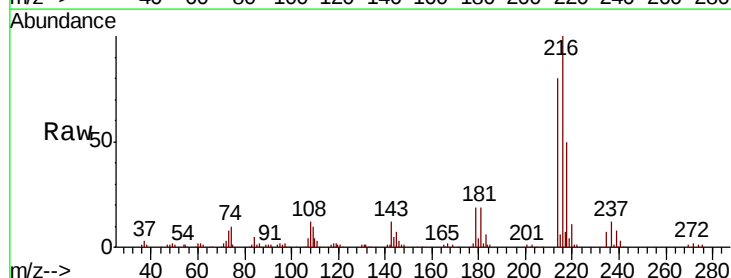
Ion Ratio Lower Upper

216 100

214 77.7 61.4 92.2

179 18.9 15.1 22.7

108 11.7 9.4 14.0

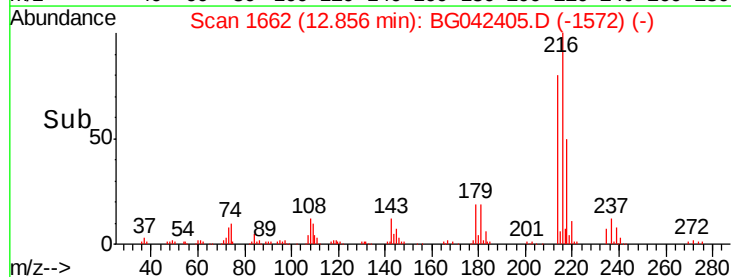
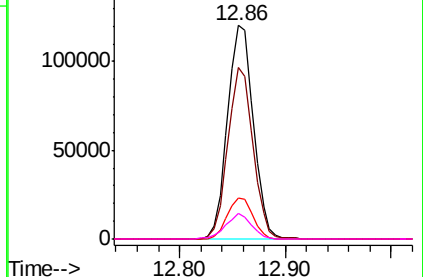


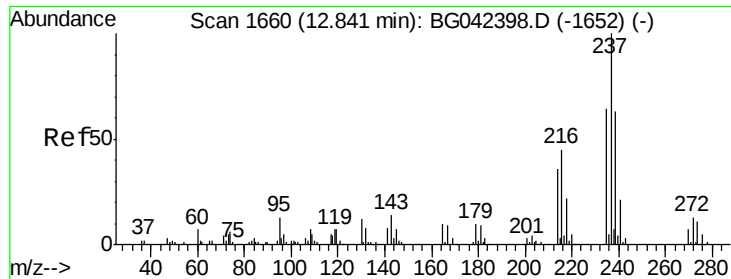
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.666 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampleId :

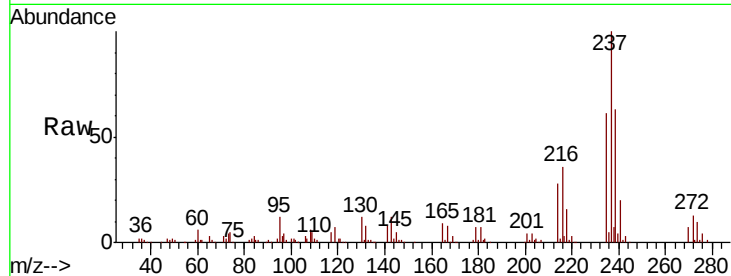
Tot Ion:237 Resp: 101231

Ion Ratio Lower Upper

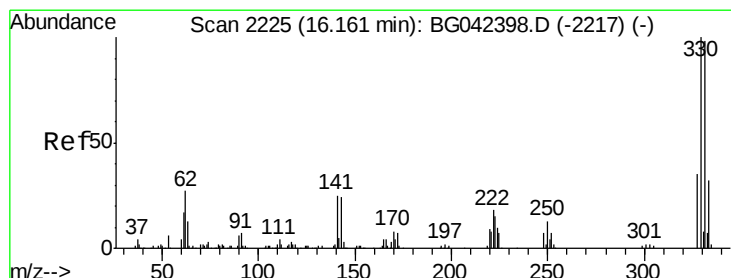
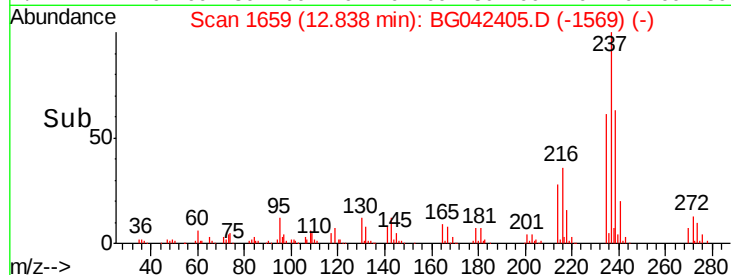
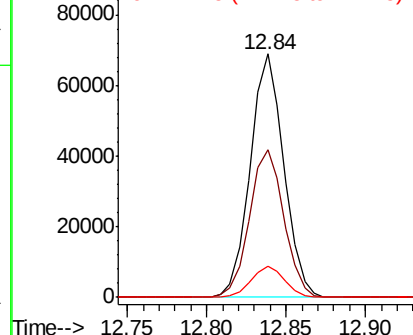
237 100

235 60.8 43.7 83.7

272 12.8 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.726 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

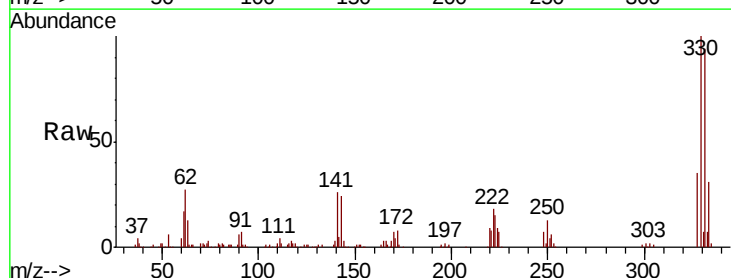
Tgt Ion:330 Resp: 178079

Ion Ratio Lower Upper

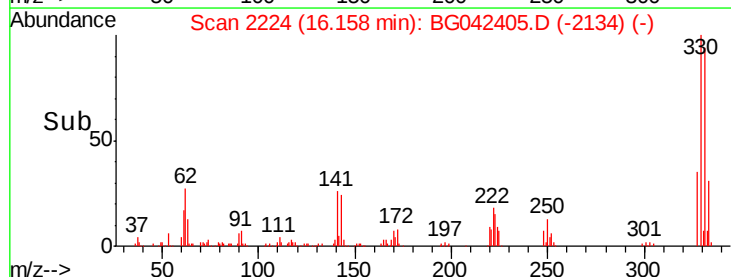
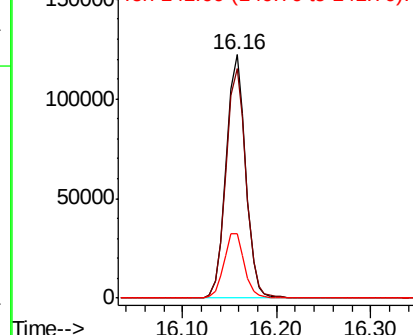
330 100

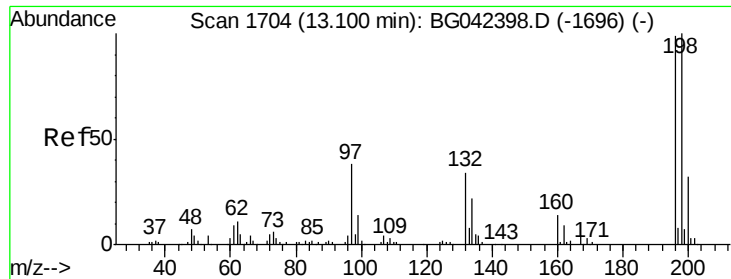
332 96.9 77.4 116.0

141 27.4 21.4 32.0



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

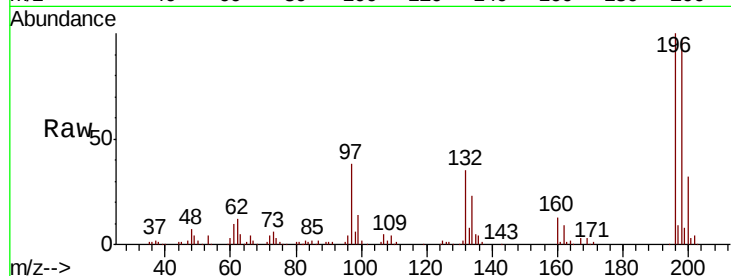




#43
 2,4,6-Trichlorophenol
 Concen: 40.761 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	137322
Ion Ratio	Lower	Upper	
196	100		
198	97.2	80.7	121.1
200	31.8	25.7	38.5

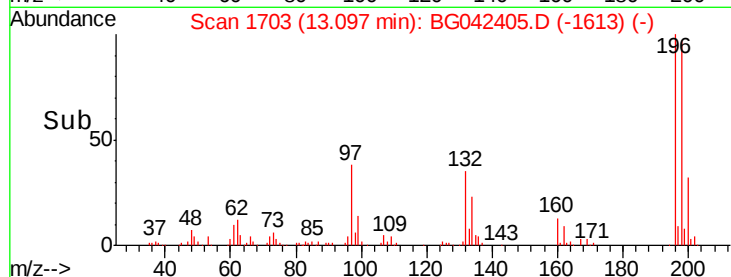
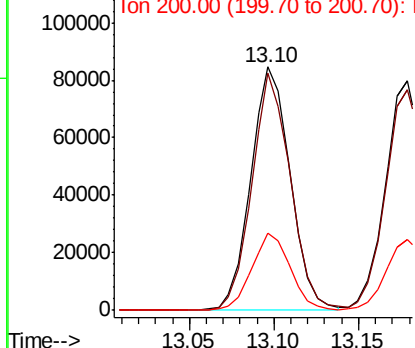


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.920 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

Tgt Ion	196	Resp	142859
Ion Ratio	Lower	Upper	
196	100		
198	96.2	80.2	120.4
97	31.1	26.3	39.5
132	21.7	16.6	24.8

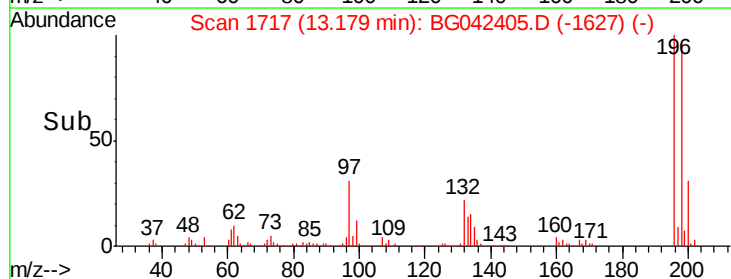
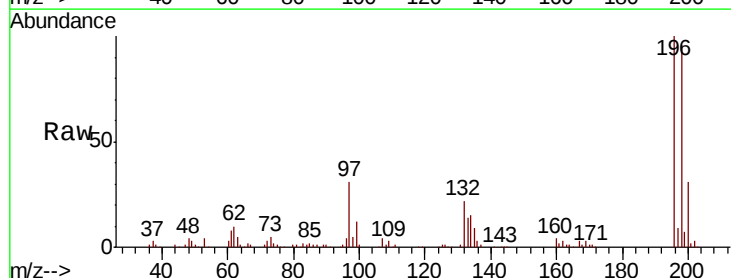
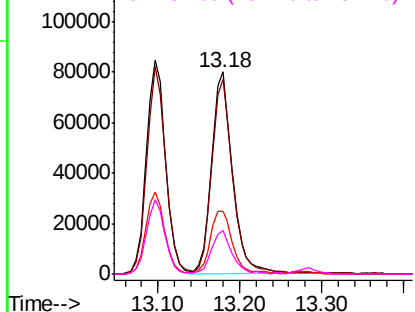
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

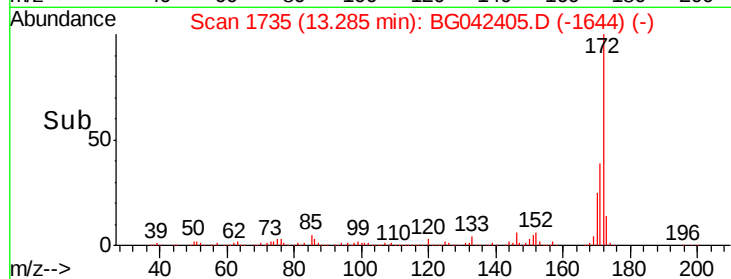
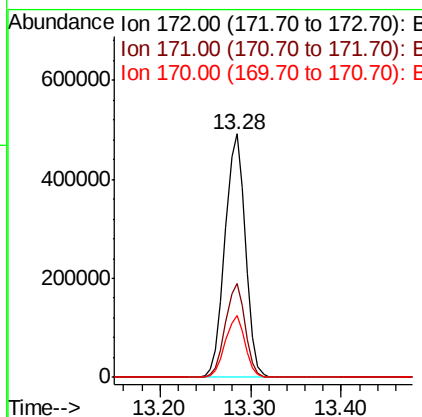
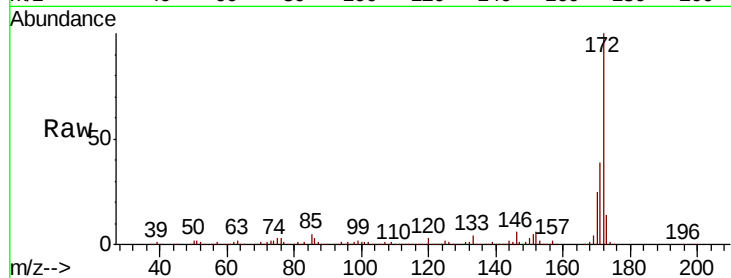




#45
2-Fluorobiphenyl
Concen: 83.592 ng
RT: 13.28 min Scan# 1735
Delta R.T. 0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

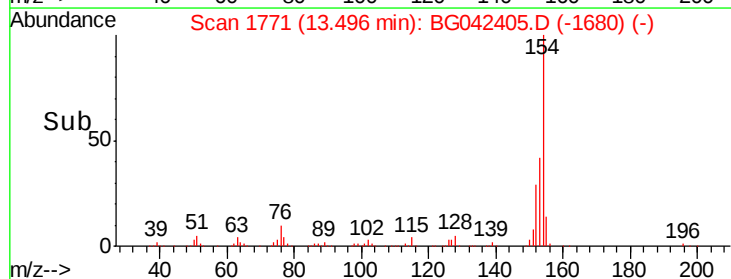
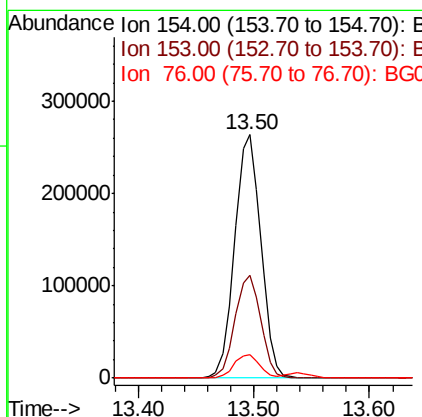
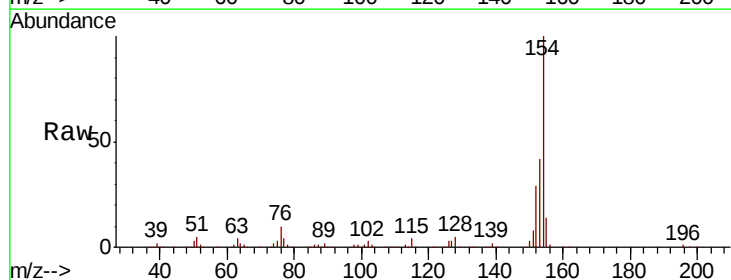
Instrument :
BNA_G
ClientSampleId :

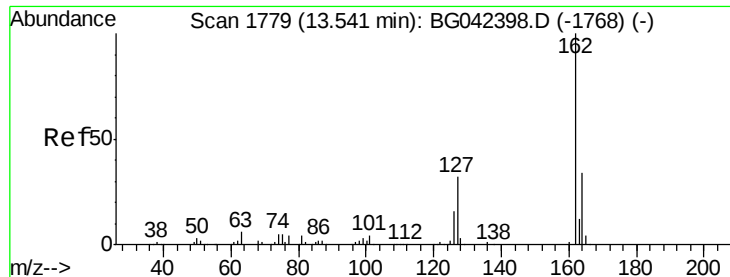
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.5	45.7
170	25.3	20.2	30.2



#46
1,1'-Biphenyl
Concen: 41.120 ng
RT: 13.50 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	23.0	63.0
76	9.7	0.0	29.6





#47

2-Chloronaphthalene

Concen: 40.977 ng

RT: 13.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampled :

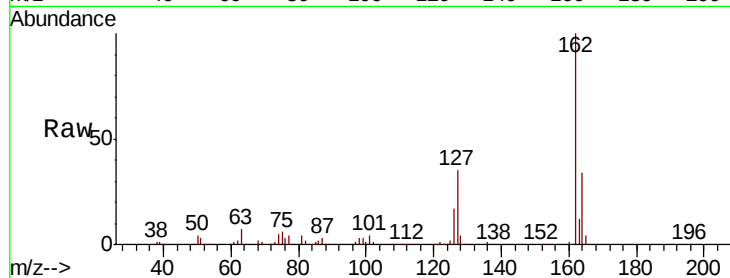
Tot Ion:162 Resp: 354476

Ion Ratio Lower Upper

162 100

127 35.4 26.0 39.0

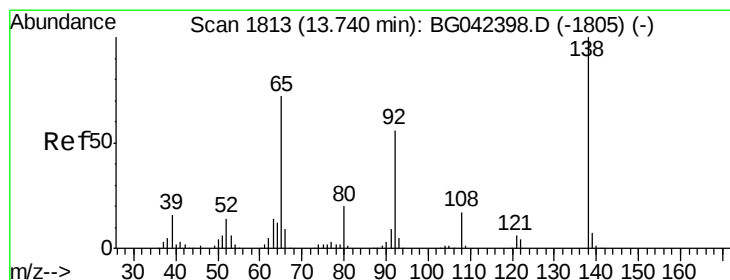
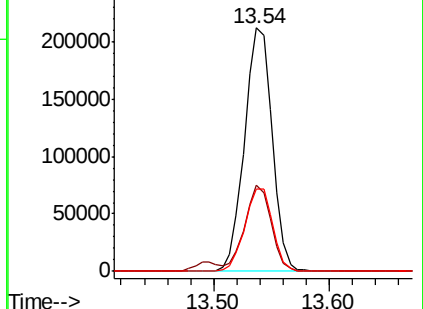
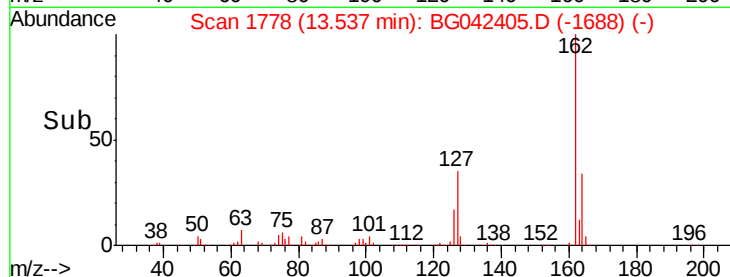
164 33.6 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.794 ng

RT: 13.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

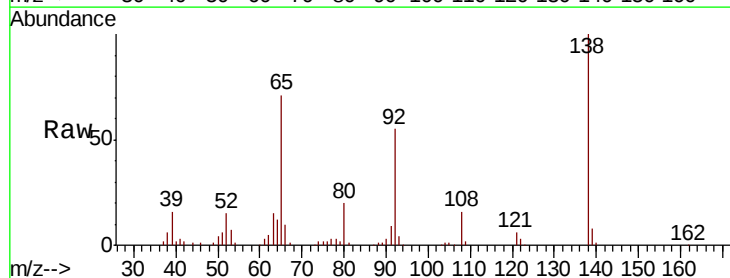
Tgt Ion: 65 Resp: 85099

Ion Ratio Lower Upper

65 100

92 77.4 61.8 92.6

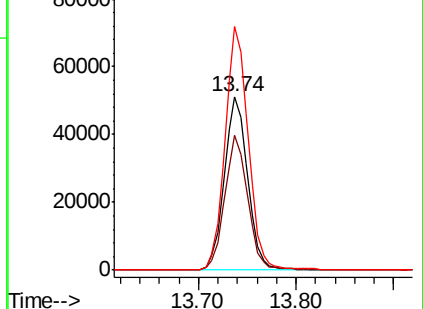
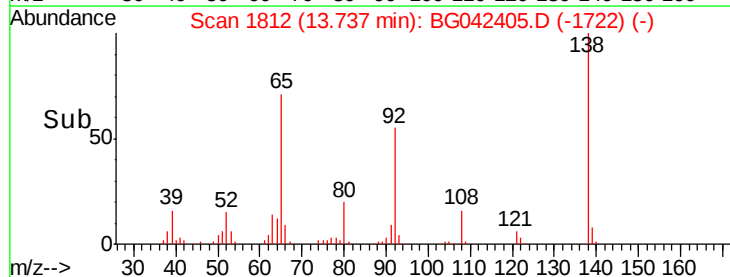
138 140.2 111.0 166.6



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: 41.460 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampleId :

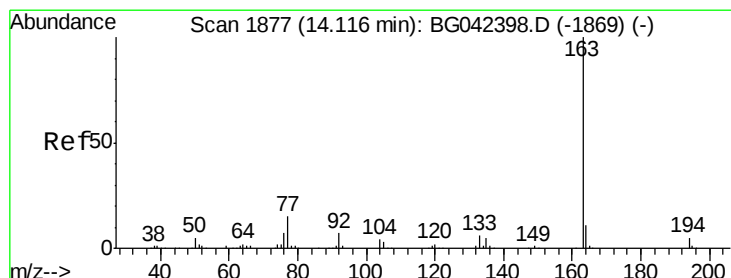
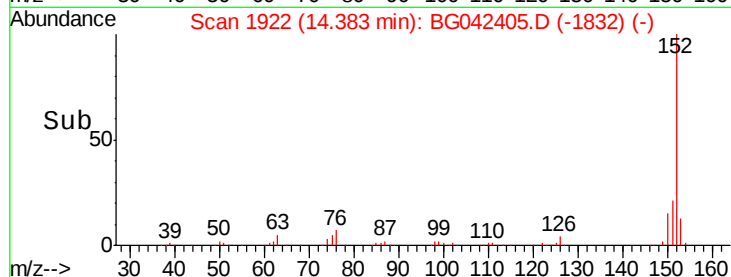
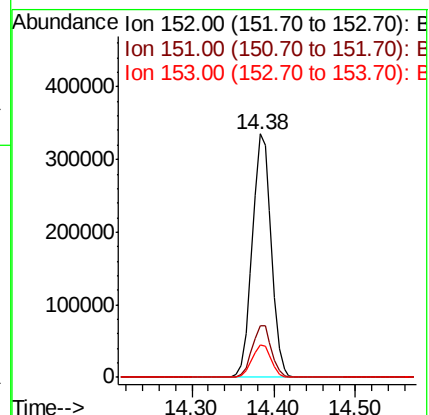
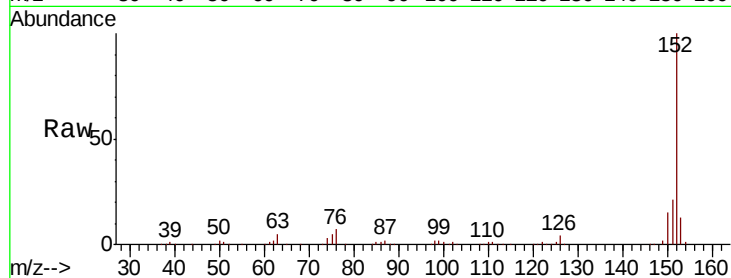
Tot Ion:152 Resp: 539588

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.4

153 13.4 10.6 16.0



#50

Dimethylphthalate

Concen: 41.388 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

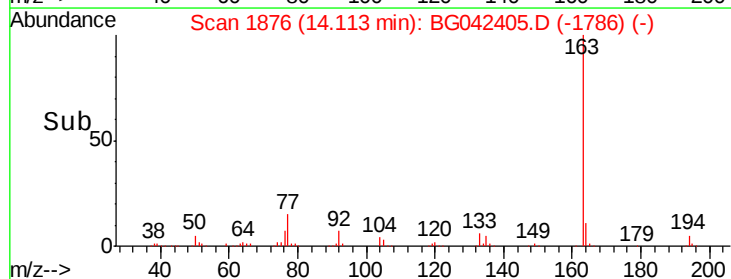
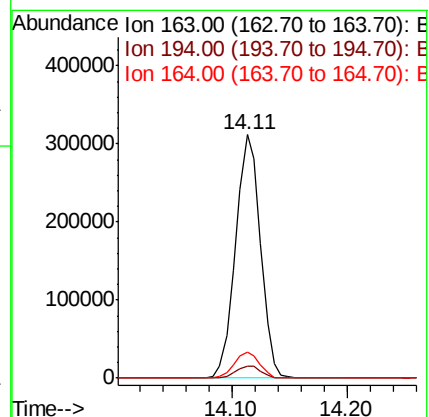
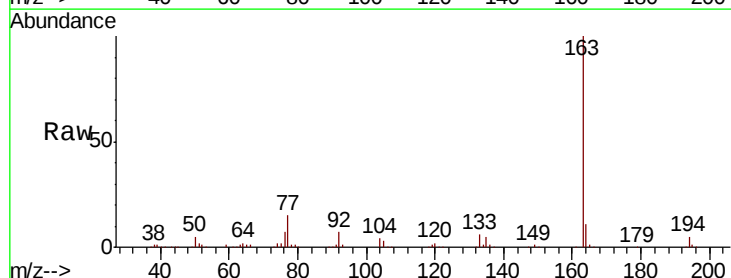
Tgt Ion:163 Resp: 463483

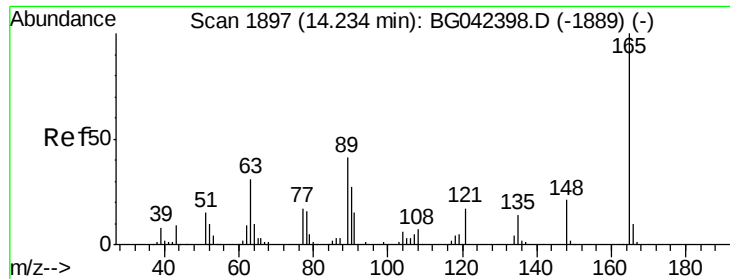
Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

164 10.8 8.8 13.2





#51

2,6-Dinitrotoluene

Concen: 41.238 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampleId :

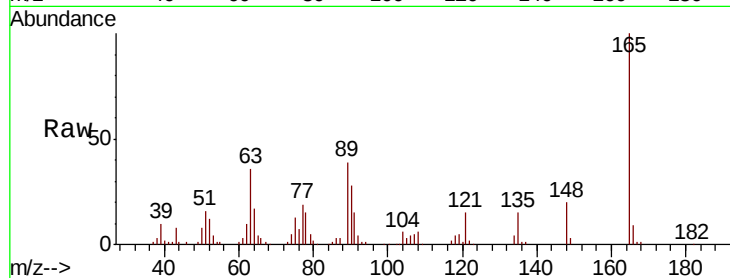
Tot Ion:165 Resp: 107043

Ion Ratio Lower Upper

165 100

63 35.6 30.6 45.8

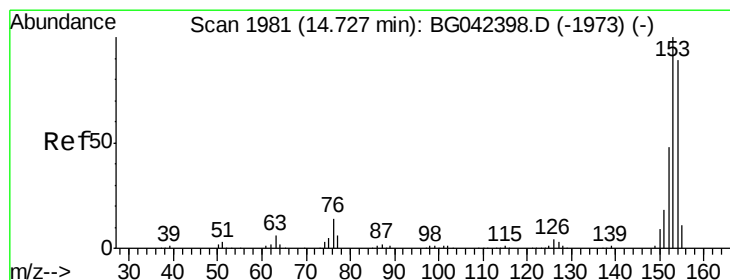
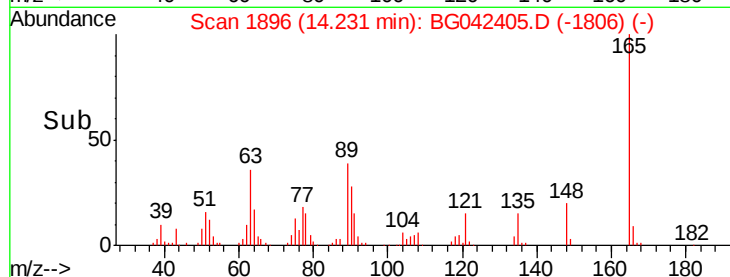
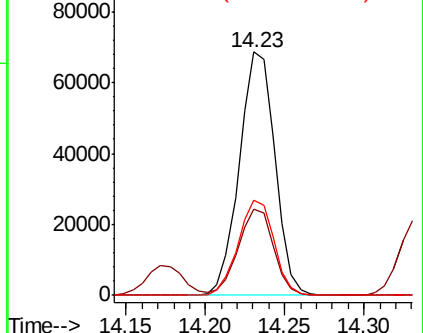
89 38.9 32.6 49.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.347 ng

RT: 14.73 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

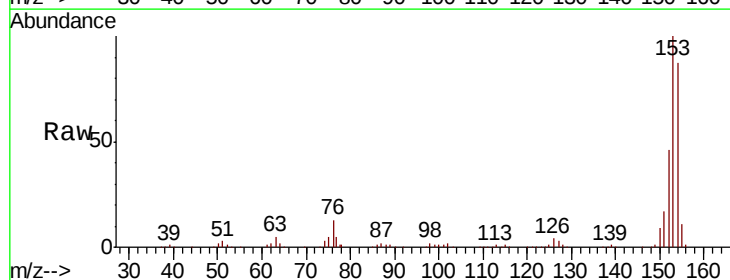
Tgt Ion:154 Resp: 326752

Ion Ratio Lower Upper

154 100

153 114.4 90.2 135.4

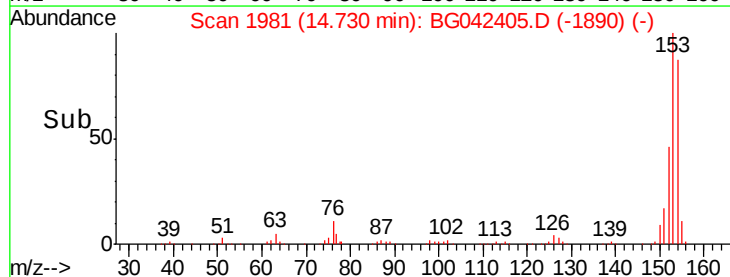
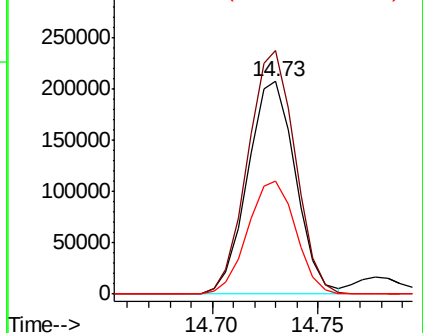
152 53.1 43.2 64.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

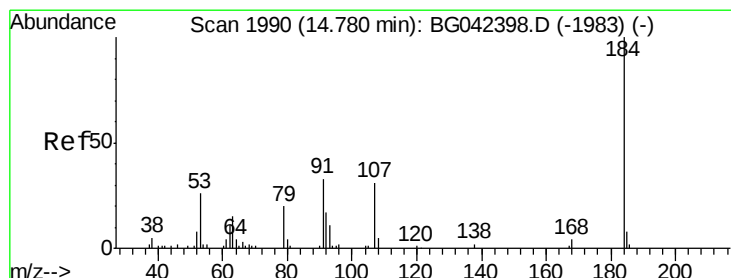
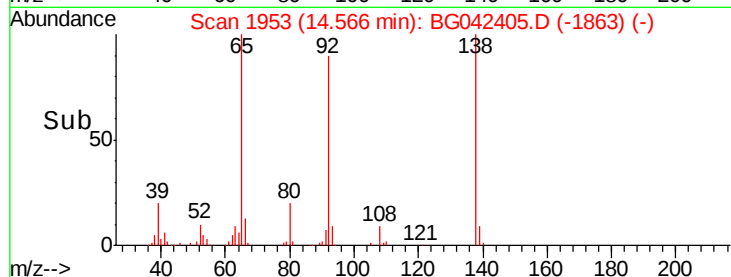
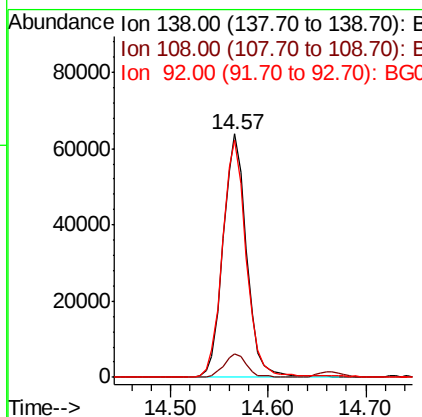
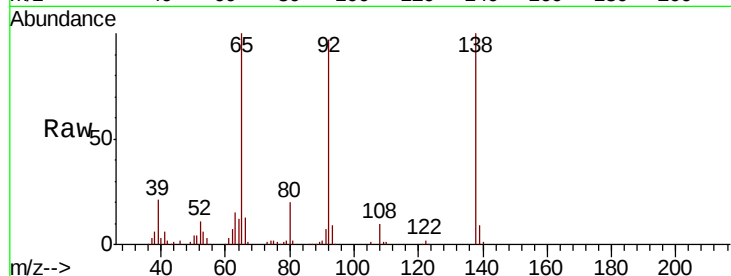




#53
 3-Nitroaniline
 Concen: 41.046 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

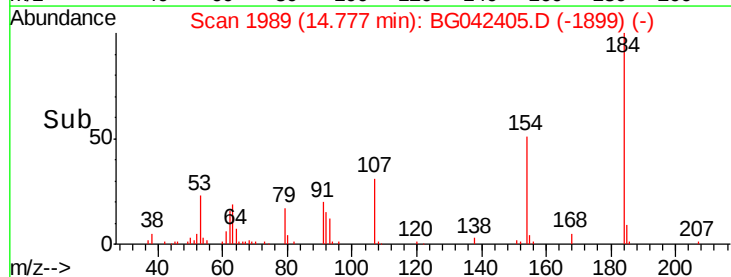
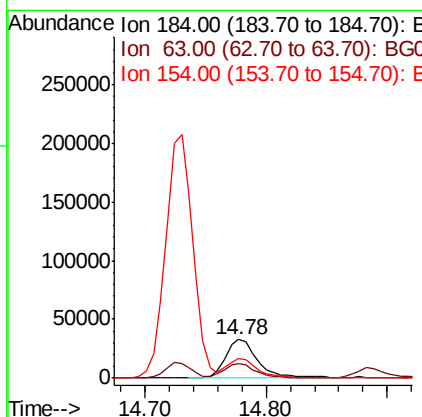
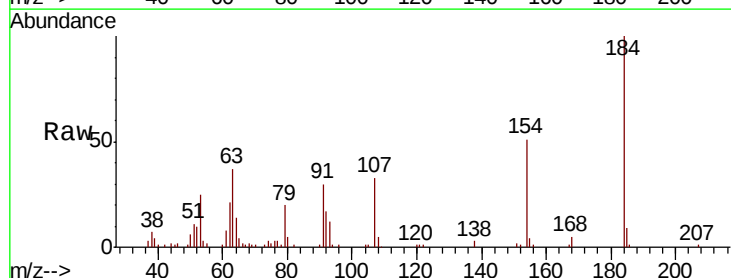
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:138 Resp: 106556
 Ion Ratio Lower Upper
 138 100
 108 9.8 8.3 12.5
 92 97.2 78.2 117.4



#54
 2,4-Dinitrophenol
 Concen: 38.689 ng
 RT: 14.78 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

Tgt Ion:184 Resp: 61559
 Ion Ratio Lower Upper
 184 100
 63 37.4 31.7 47.5
 154 51.3 42.0 63.0

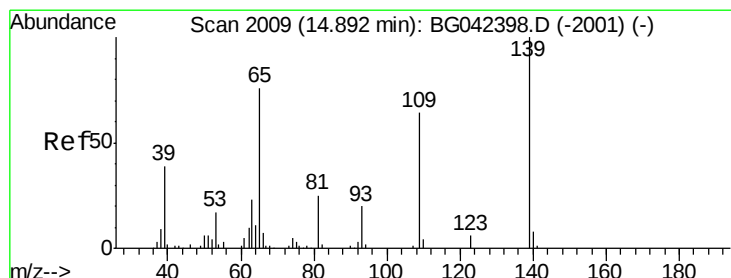
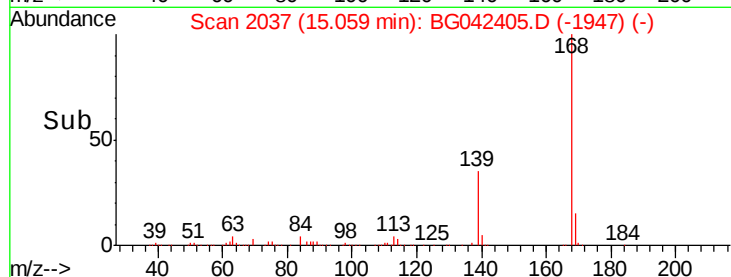
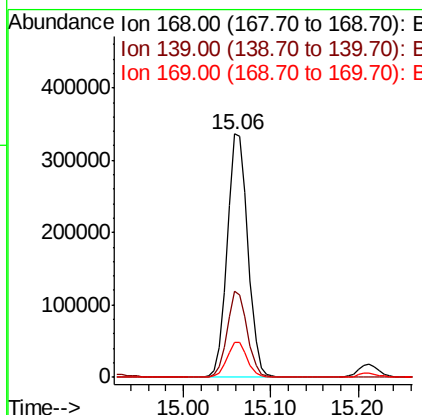
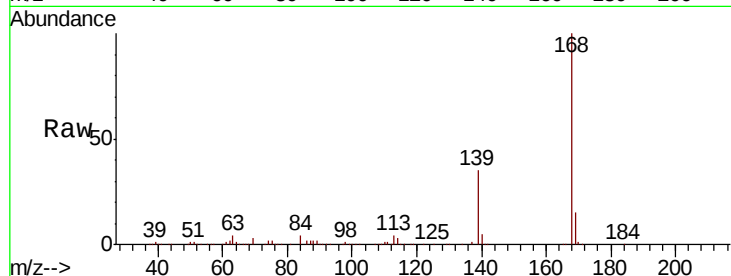




#55
Dibenzenofuran
Concen: 41.510 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

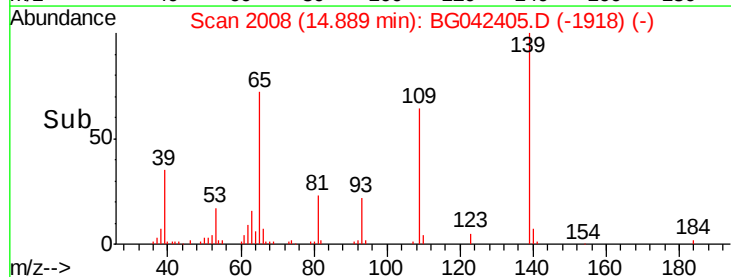
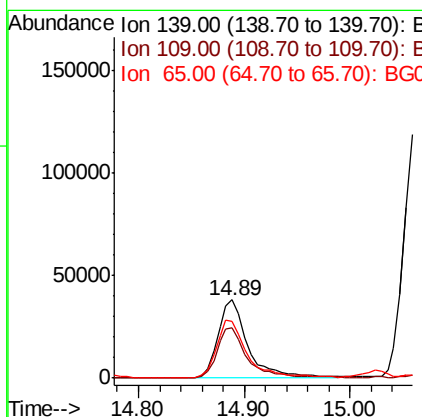
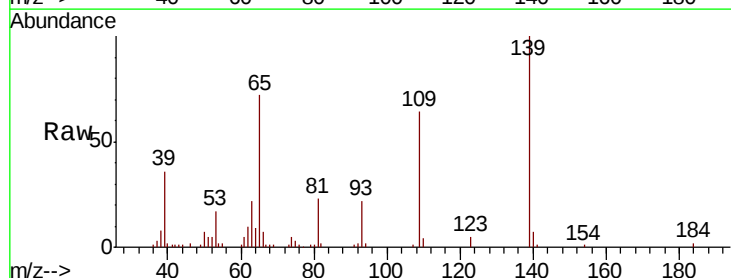
Instrument :
BNA_G
ClientSampleId :

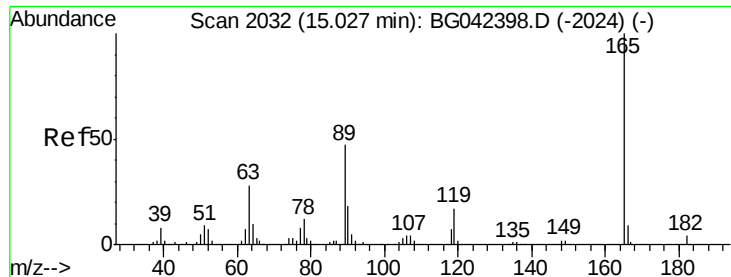
Tot Ion:168 Resp: 543002
Ion Ratio Lower Upper
168 100
139 35.3 27.2 40.8
169 14.5 11.5 17.3



#56
4-Nitrophenol
Concen: 40.764 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Tgt Ion:139 Resp: 75195
Ion Ratio Lower Upper
139 100
109 63.9 43.9 83.9
65 72.0 56.3 96.3

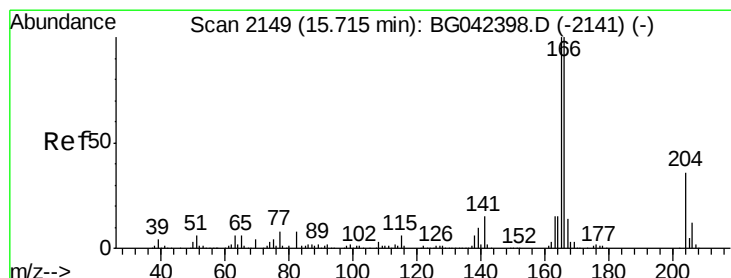
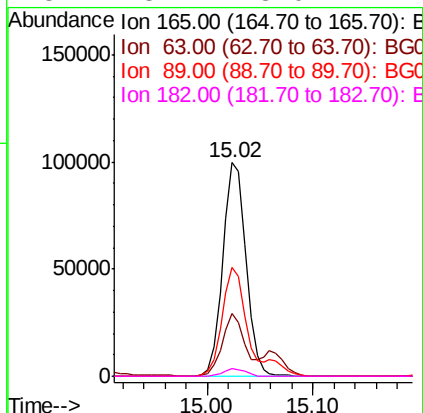
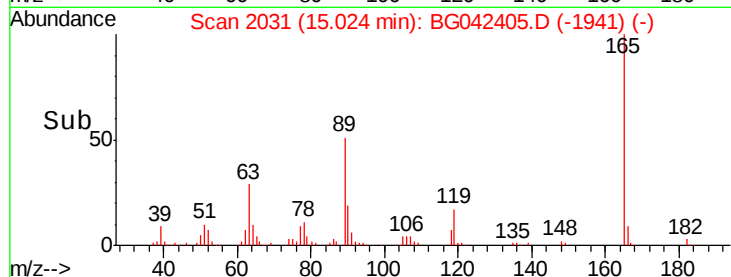
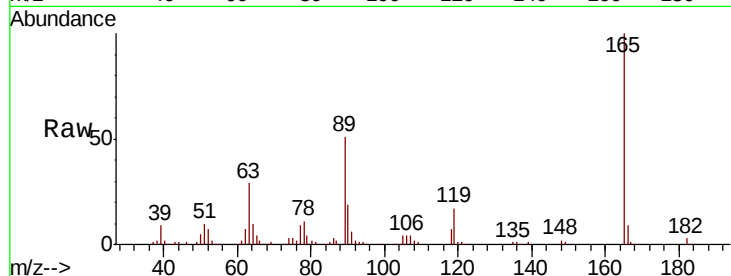




#57
 2,4-Dinitrotoluene
 Concen: 40.866 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

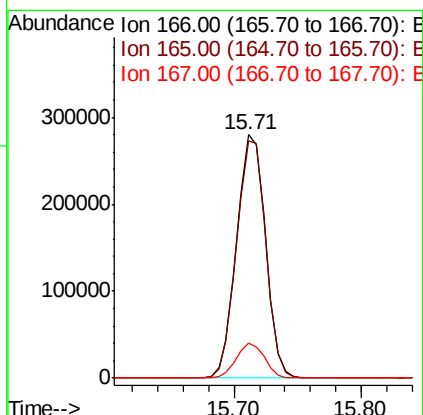
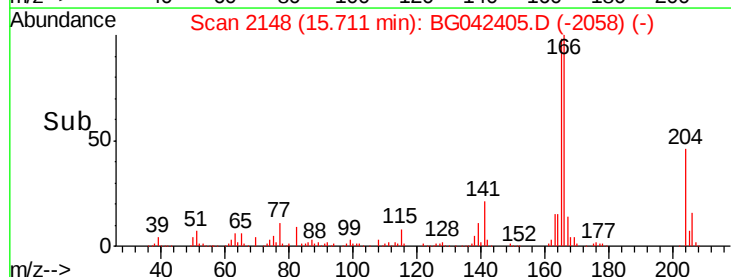
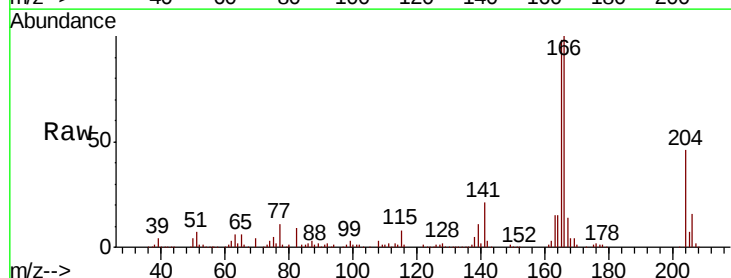
Instrument :
 BNA_G
 ClientSampleId :

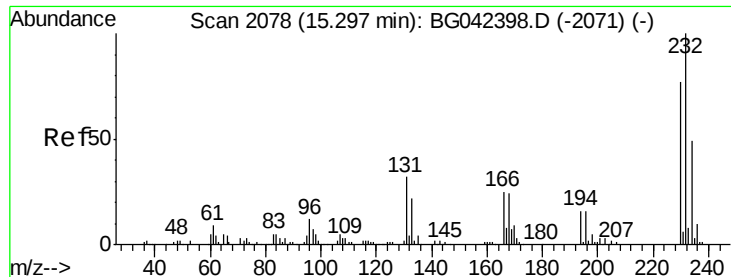
Tot Ion:165	Resp:	151902
Ion Ratio	Lower	Upper
165	100	
63	29.2	22.5 33.7
89	50.7	37.8 56.6
182	3.4	3.0 4.4



#58
 Fluorene
 Concen: 41.304 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

Tgt Ion:166	Resp:	441672
Ion Ratio	Lower	Upper
166	100	
165	97.7	79.7 119.5
167	14.1	10.9 16.3

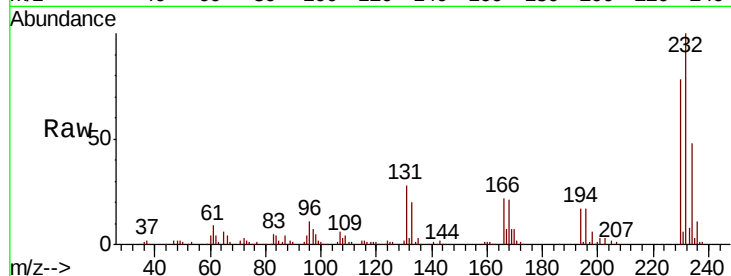




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.304 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	28.5	22.9	34.3
130	1.5	1.4	2.0
166	21.5	17.0	25.4



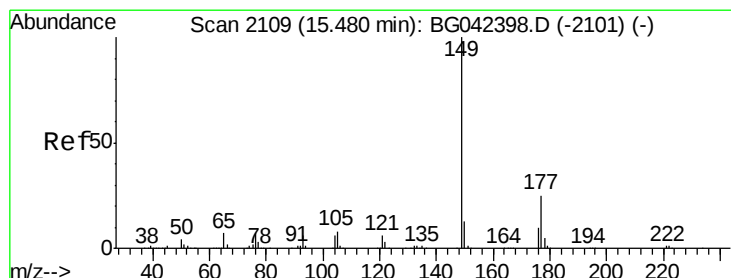
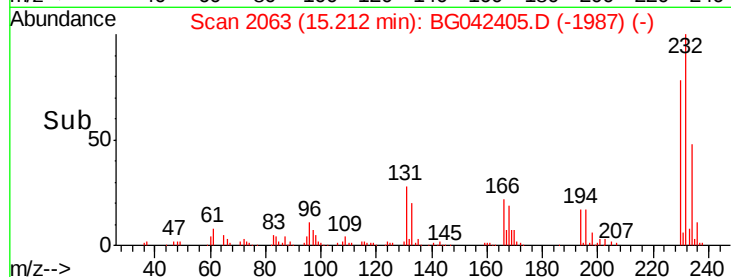
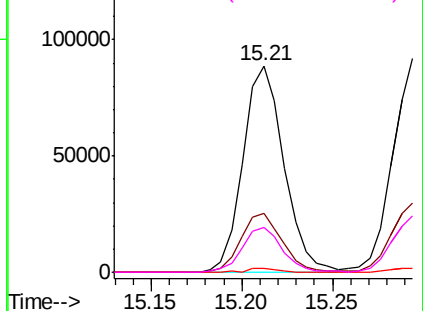
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

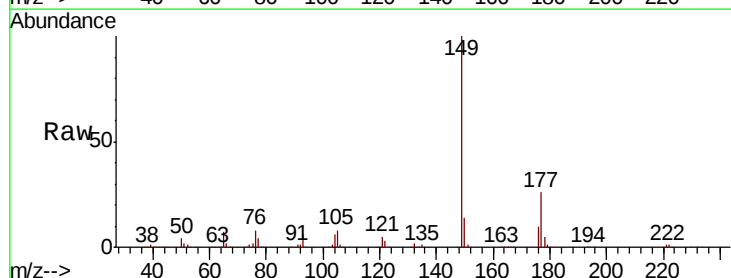
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.847 ng
 RT: 15.48 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.9	20.4	30.6
150	13.9	10.3	15.5

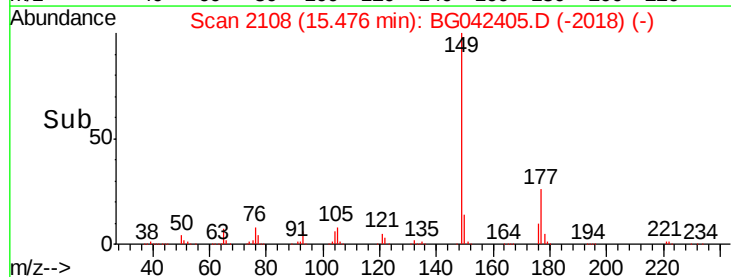
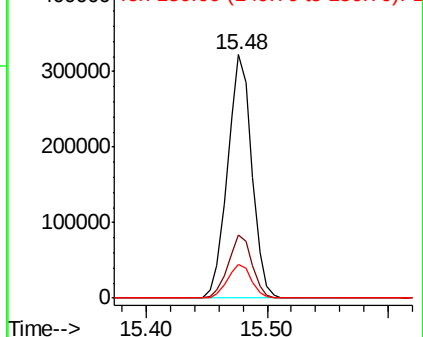


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

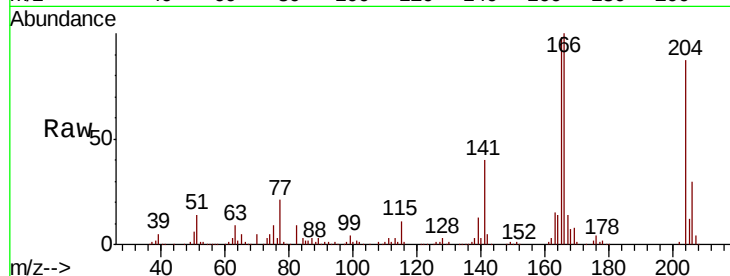




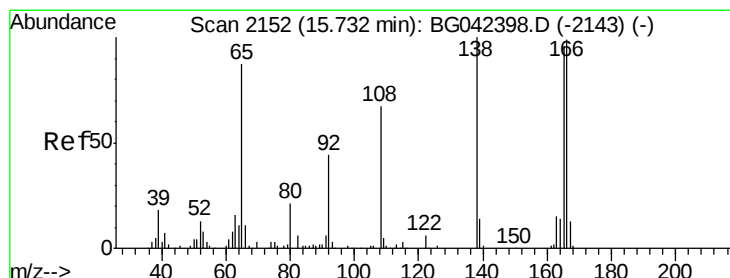
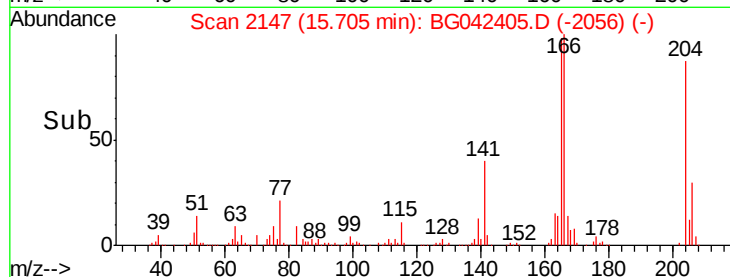
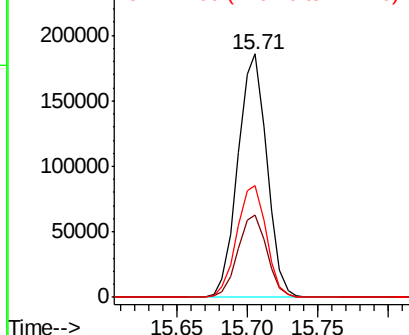
#61
 4-Chlorophenyl-phenylether
 Concen: 41.418 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:204 Resp: 266982
 Ion Ratio Lower Upper
 204 100
 206 34.0 27.2 40.8
 141 45.8 38.7 58.1

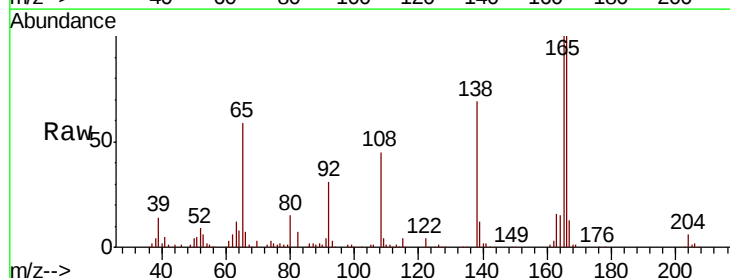


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

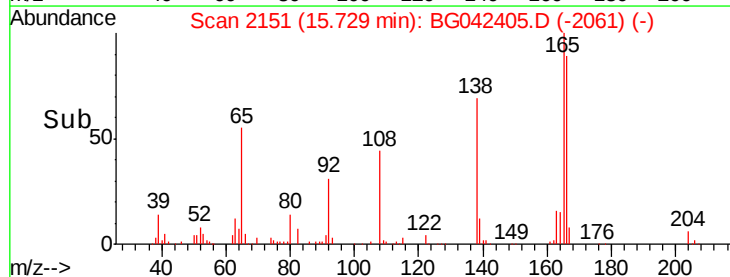
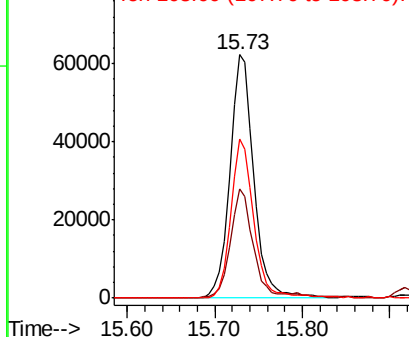


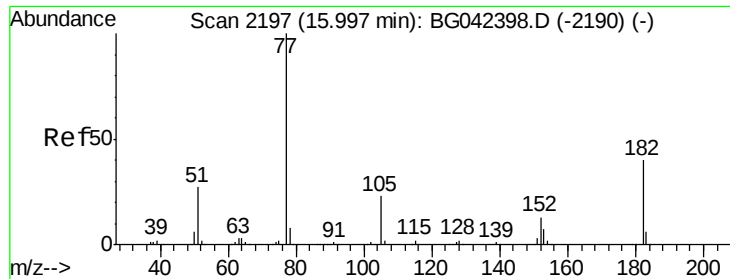
#62
 4-Nitroaniline
 Concen: 41.643 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

Tgt Ion:138 Resp: 115699
 Ion Ratio Lower Upper
 138 100
 92 45.1 24.2 64.2
 108 65.2 46.8 86.8



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





#63

Azobenzene

Concen: 41.241 ng

RT: 16.00 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 309362

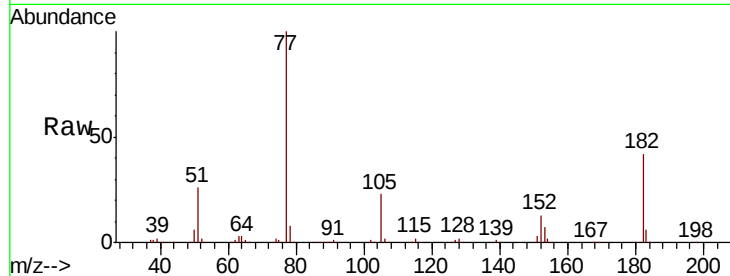
Ion Ratio Lower Upper

77 100

182 41.8 19.9 59.9

105 23.3 2.9 42.9

51 25.6 7.6 47.6

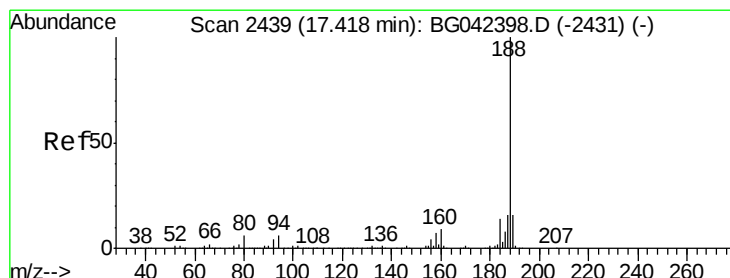
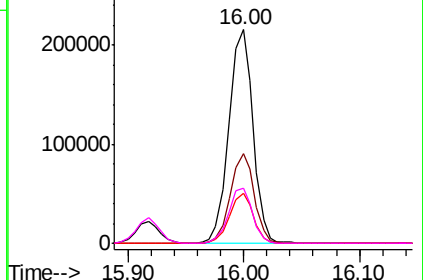
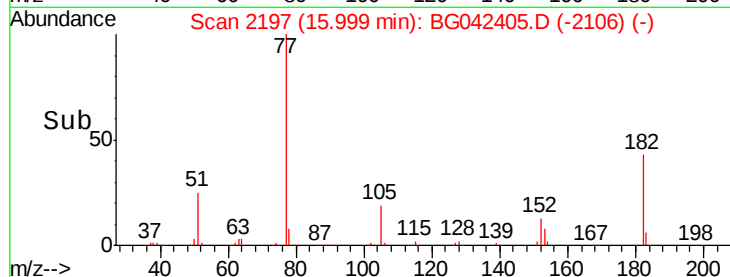


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

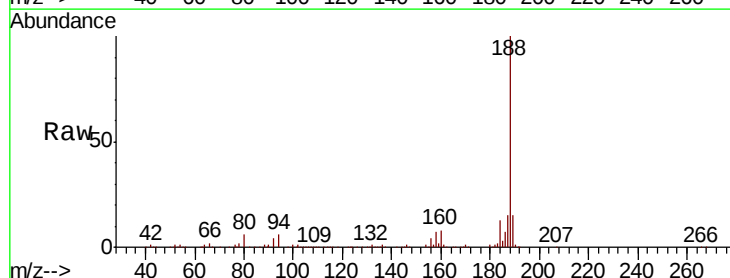
Tgt Ion: 188 Resp: 361180

Ion Ratio Lower Upper

188 100

94 5.8 4.5 6.7

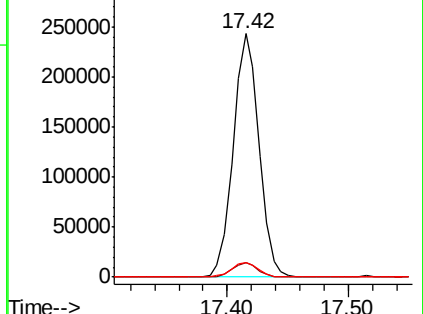
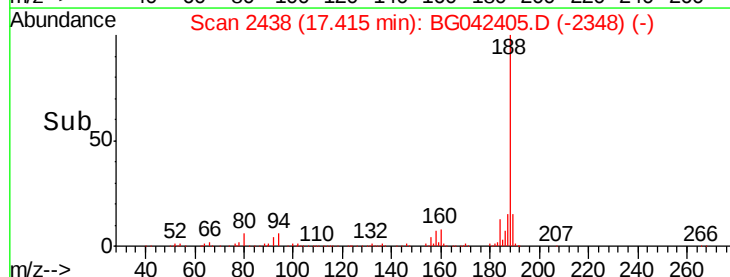
80 6.1 4.9 7.3



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: 40.402 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

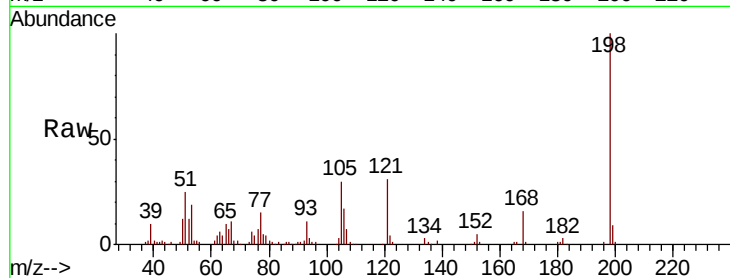
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 91488

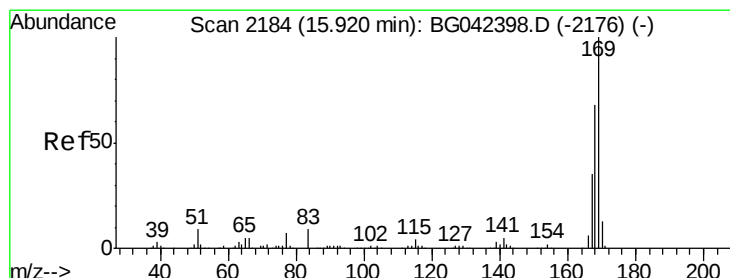
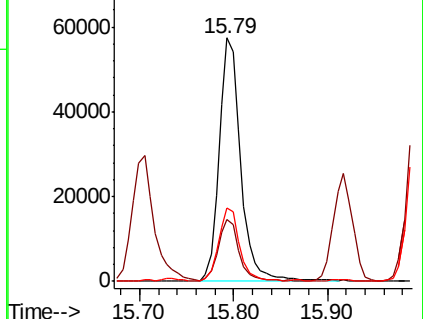
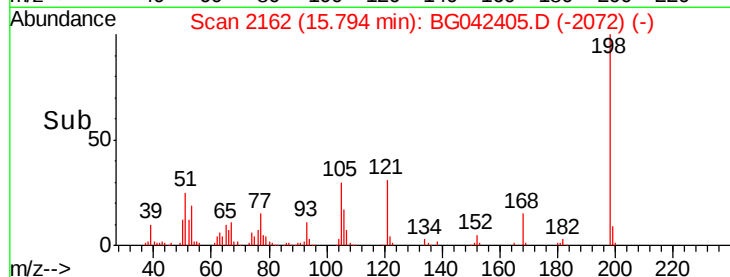
Ion	Ratio	Lower	Upper
198	100		
51	25.2	4.2	44.2
105	29.9	8.8	48.8



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: 41.055 ng

RT: 15.92 min Scan# 2183

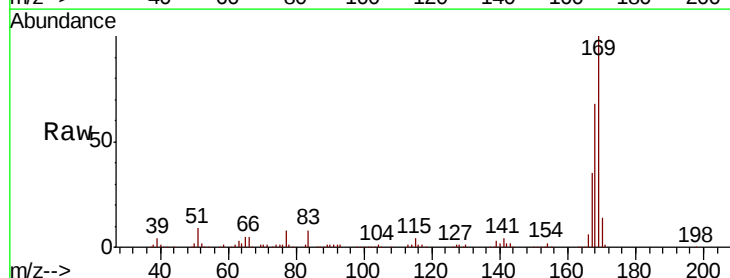
Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Tgt Ion:169 Resp: 407785

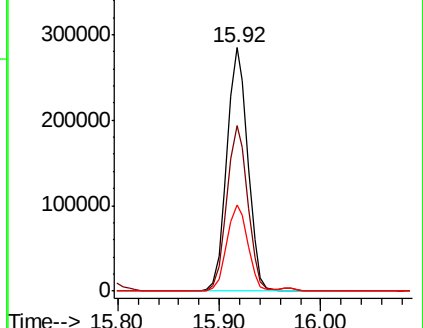
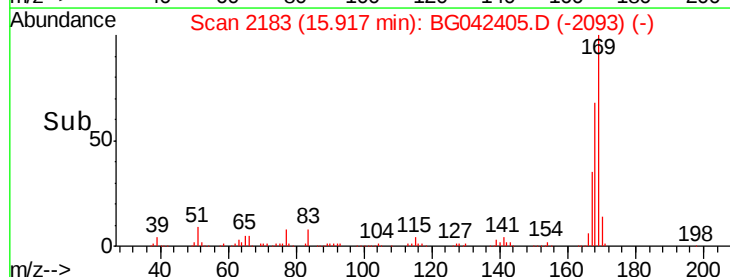
Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.3	81.5
167	35.4	28.2	42.2



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

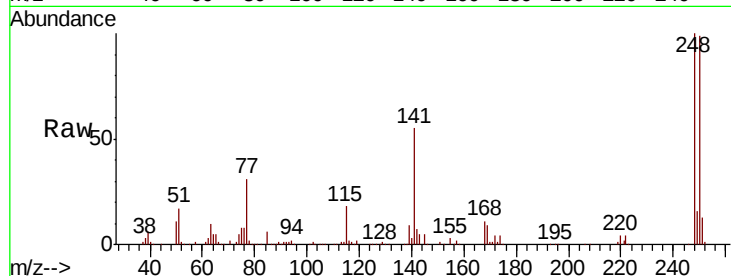




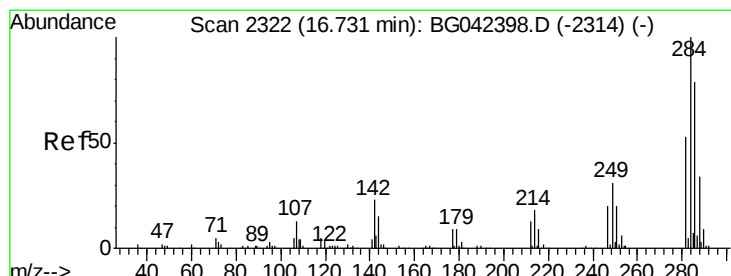
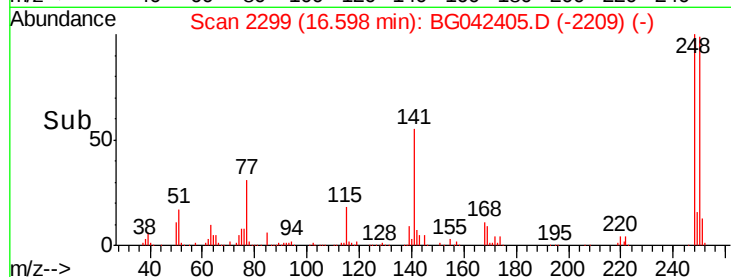
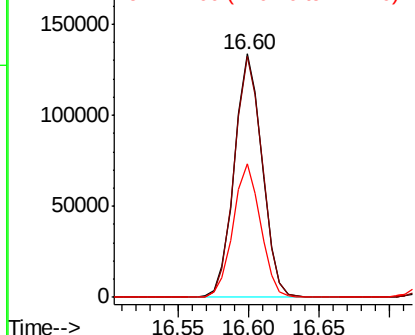
#67
 4-Bromophenyl-phenylether
 Concen: 40.125 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 183824
 Ion Ratio Lower Upper
 248 100
 250 99.1 78.9 118.3
 141 54.7 43.3 64.9

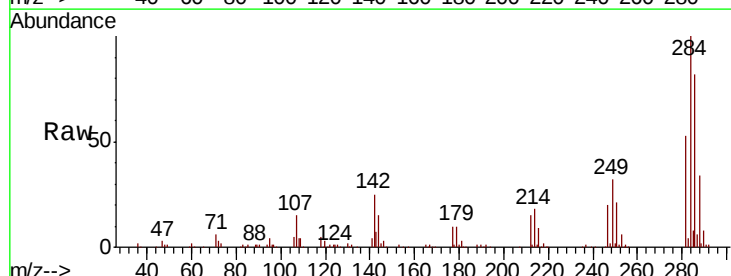


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

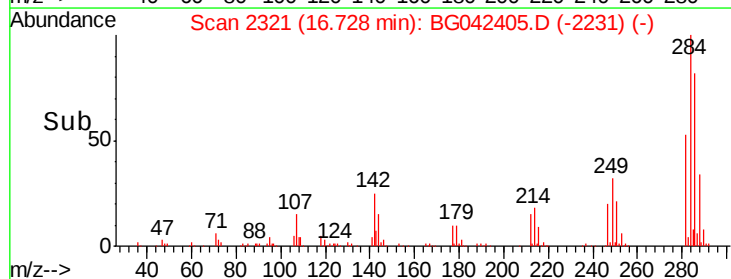
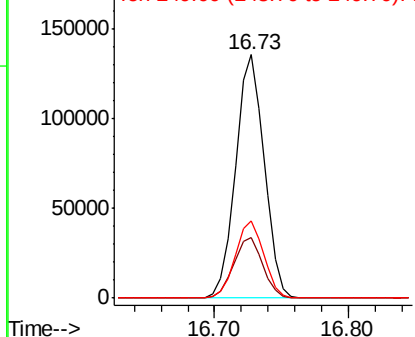


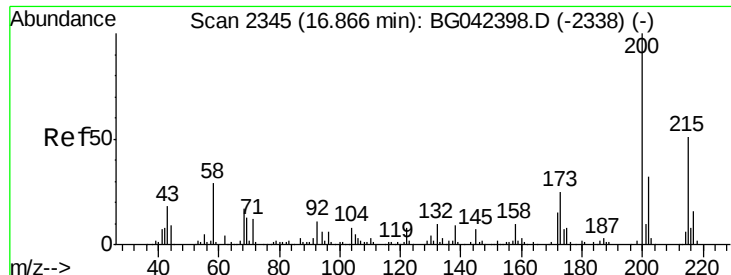
#68
 Hexachlorobenzene
 Concen: 40.263 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

Tgt Ion:284 Resp: 200522
 Ion Ratio Lower Upper
 284 100
 142 24.6 18.2 27.4
 249 31.6 25.0 37.4



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





#69

Atrazine

Concen: 37.210 ng

RT: 16.87 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampleId :

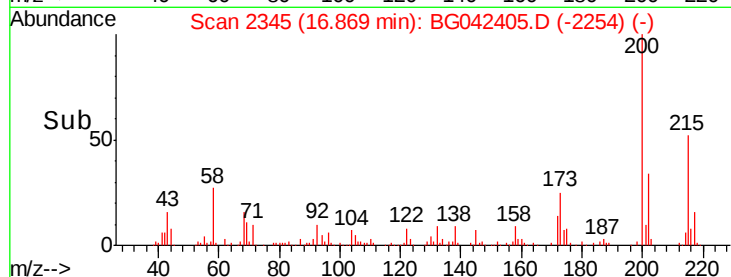
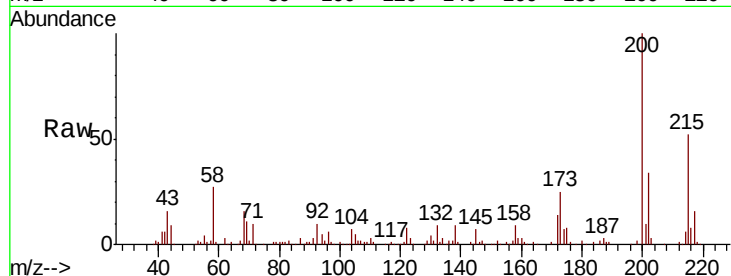
Tot Ion:200 Resp: 130699

Ion Ratio Lower Upper

200 100

173 24.8 4.9 44.9

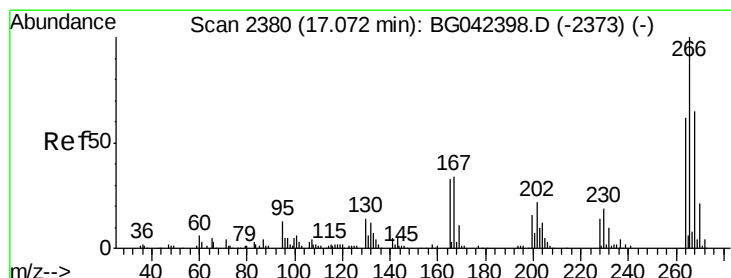
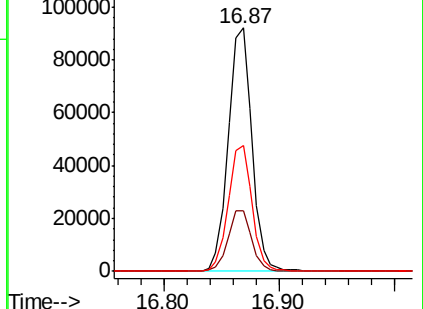
215 51.5 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 40.748 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

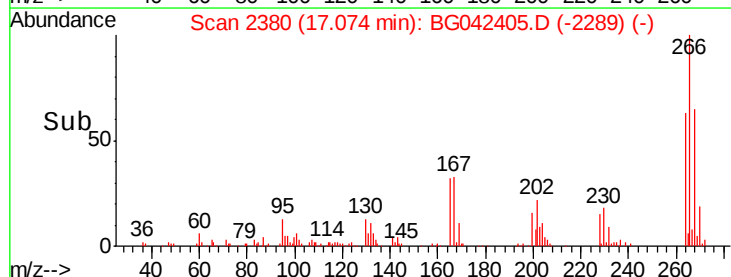
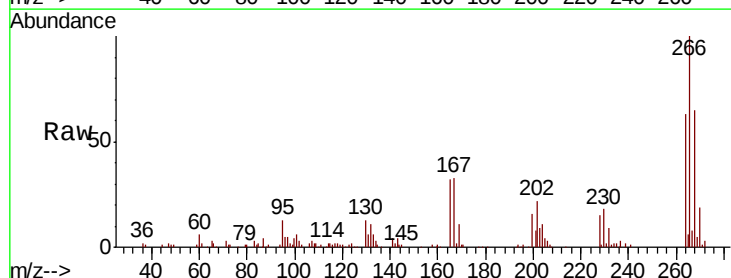
Tgt Ion:266 Resp: 105442

Ion Ratio Lower Upper

266 100

268 64.6 52.1 78.1

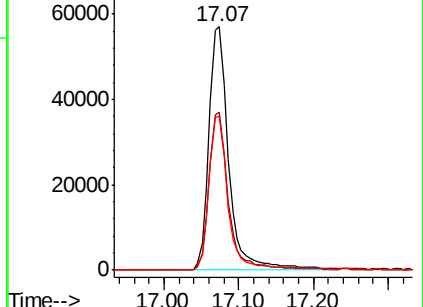
264 63.0 49.4 74.2

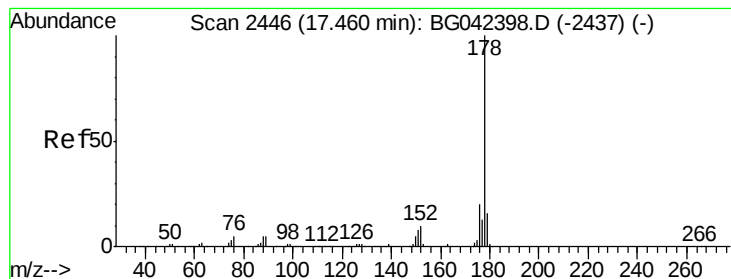


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.471 ng

RT: 17.46 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampleId :

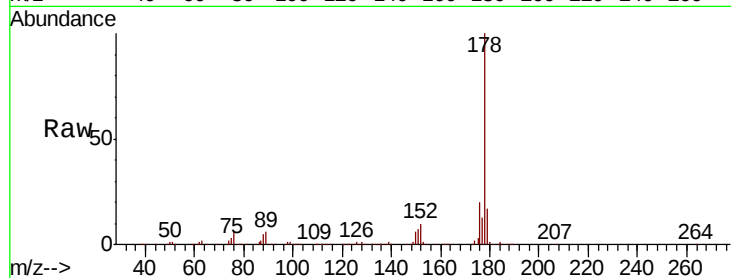
Tot Ion:178 Resp: 744015

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

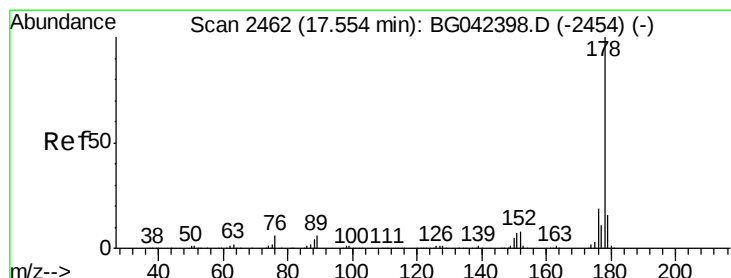
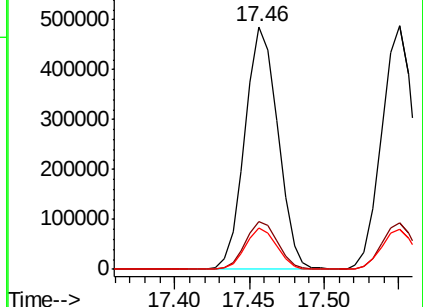
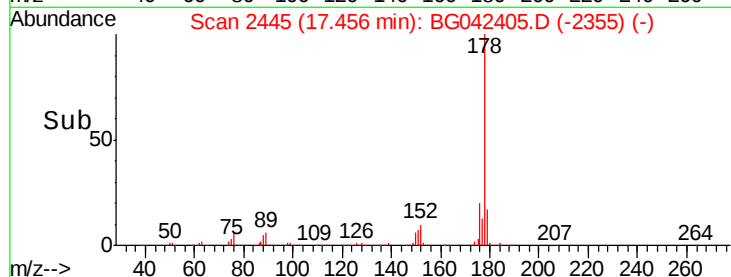
179 16.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.193 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

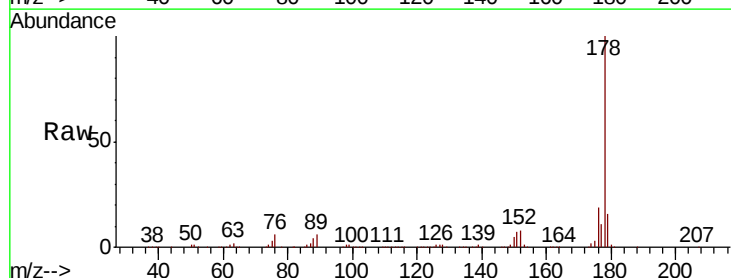
Tgt Ion:178 Resp: 737761

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

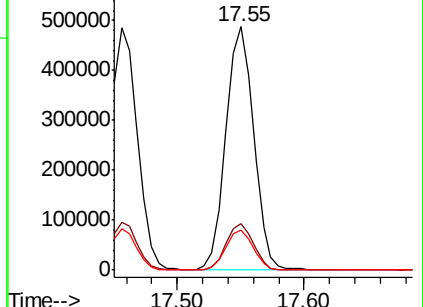
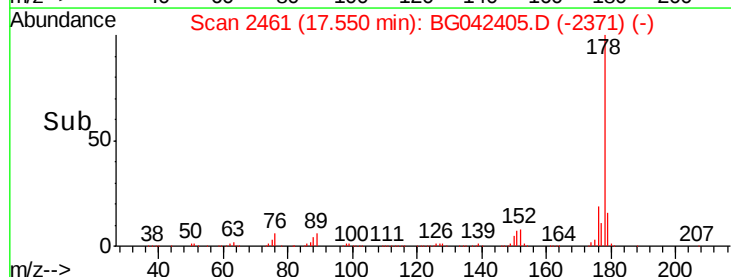
179 16.3 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

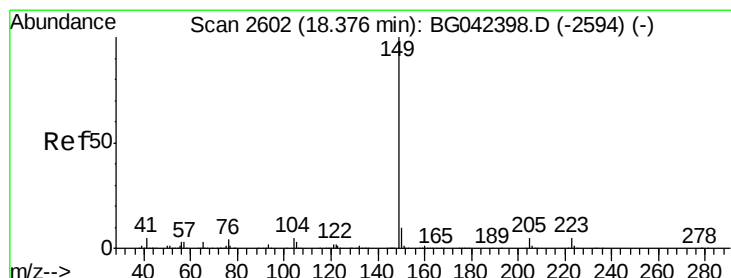
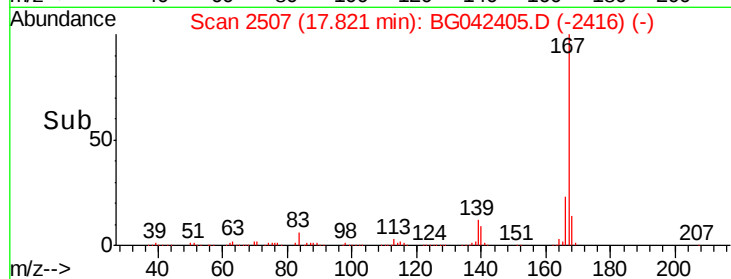
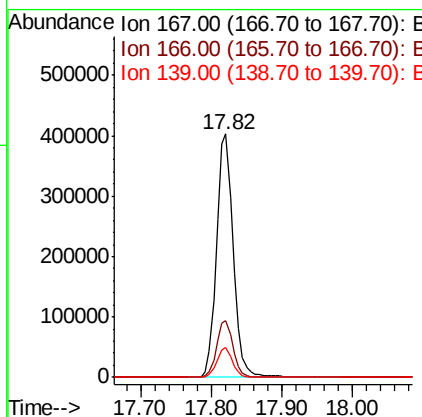
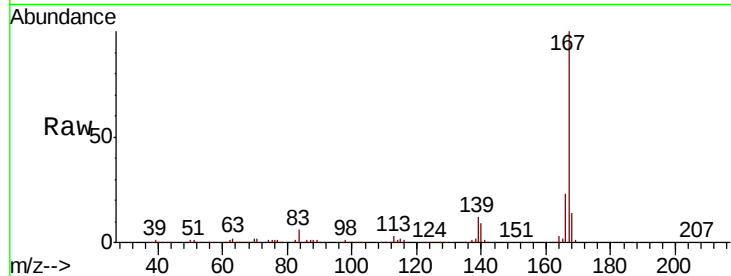




#73
 Carbazole
 Concen: 41.487 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

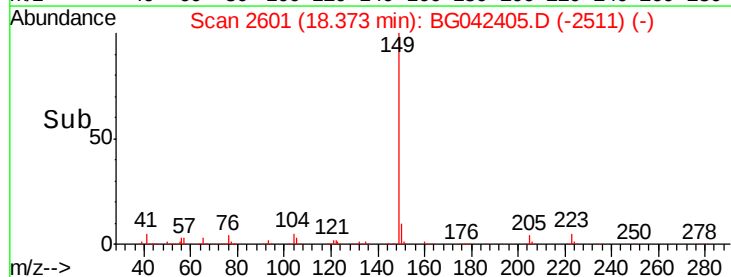
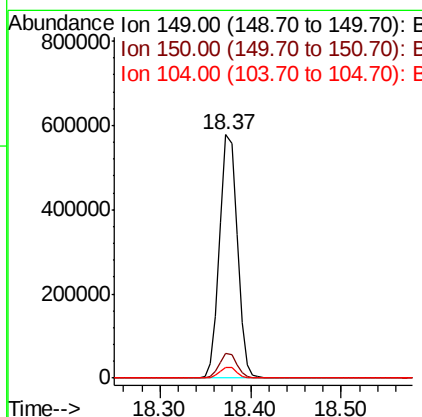
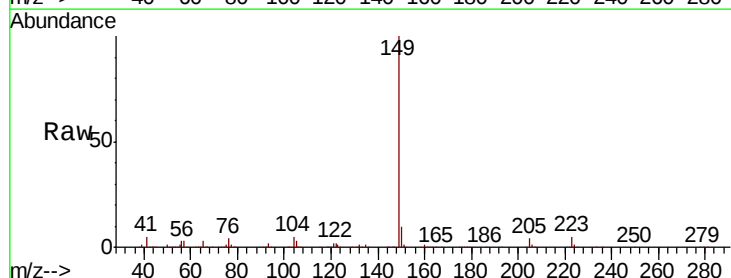
Instrument :
 BNA_G
 ClientSampled :

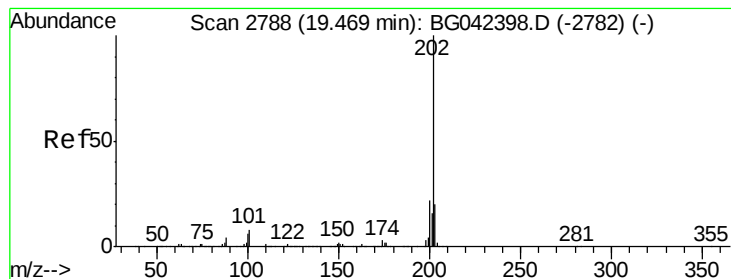
Tot Ion:167 Resp: 662214
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.9 28.3
 139 12.2 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 41.367 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

Tgt Ion:149 Resp: 780540
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.1 12.1
 104 4.5 3.7 5.5





#75

Fluoranthene

Concen: 42.287 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampleId :

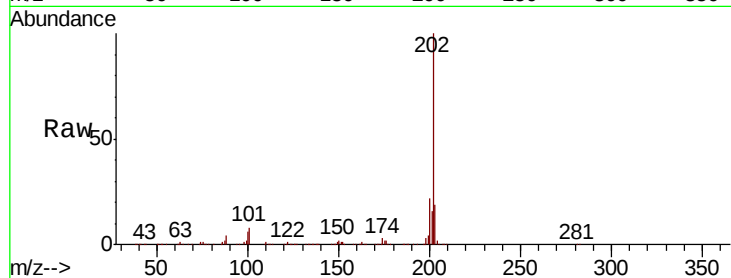
Tot Ion:202 Resp: 925871

Ion Ratio Lower Upper

202 100

101 7.7 0.0 28.3

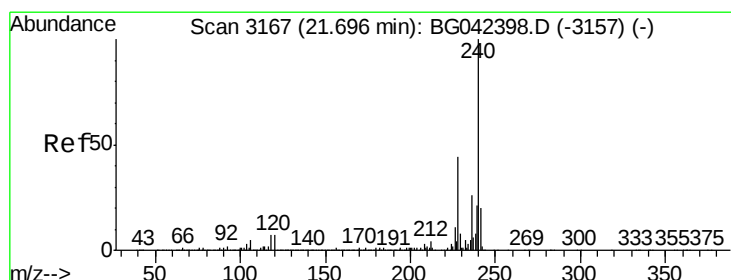
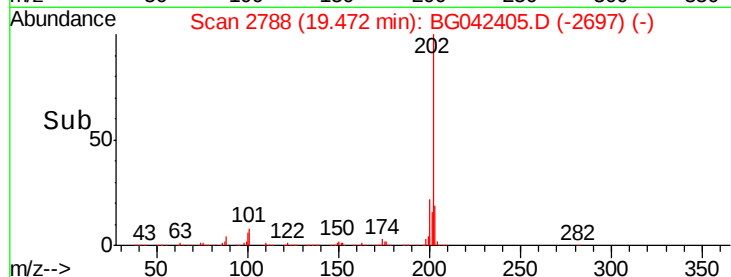
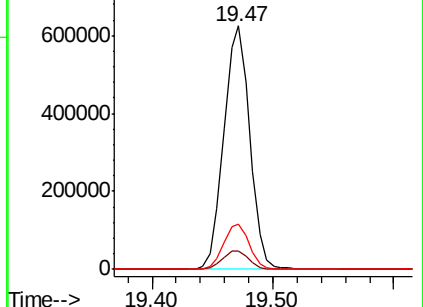
203 18.7 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

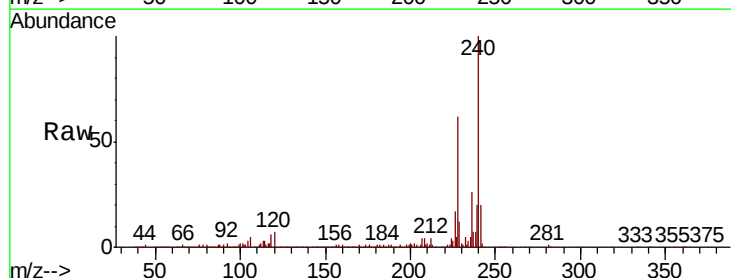
Tgt Ion:240 Resp: 352296

Ion Ratio Lower Upper

240 100

120 7.4 5.7 8.5

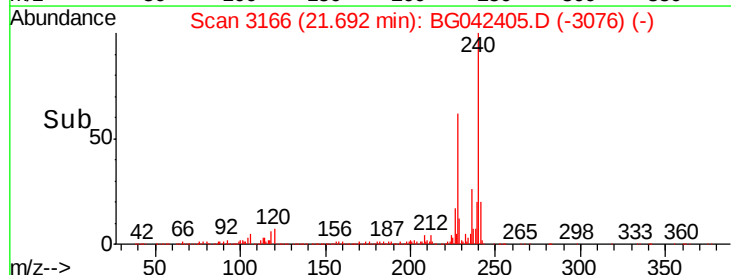
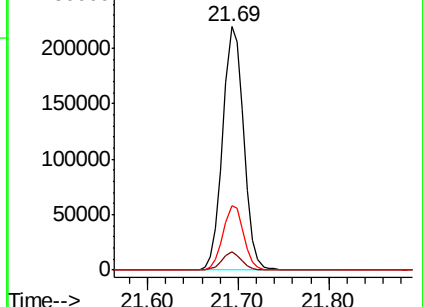
236 26.5 21.0 31.4

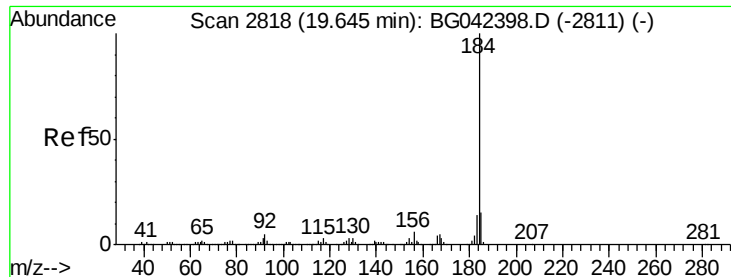


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.435 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

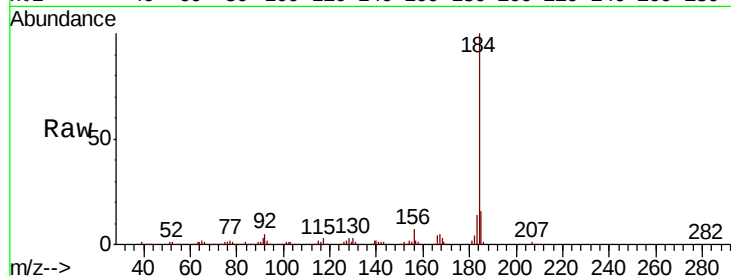
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 469015

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.2	18.4
183	13.6	10.8	16.2

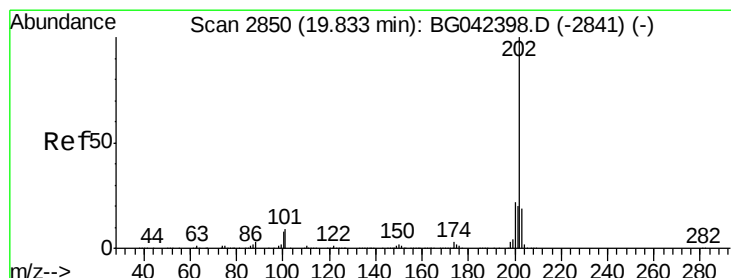
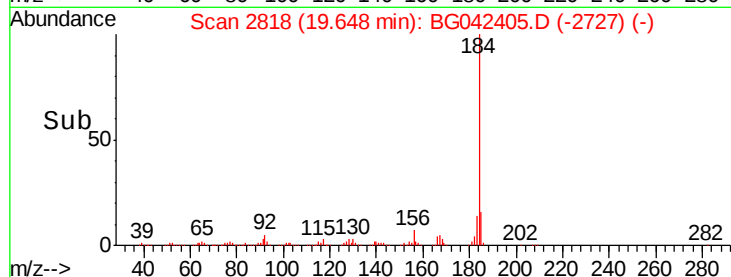
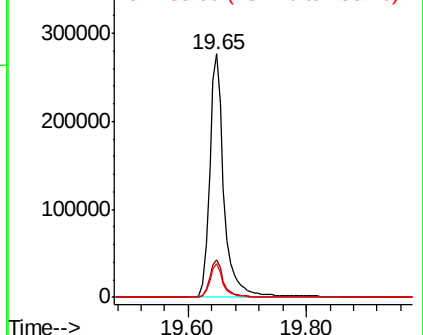


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.890 ng

RT: 19.83 min Scan# 2849

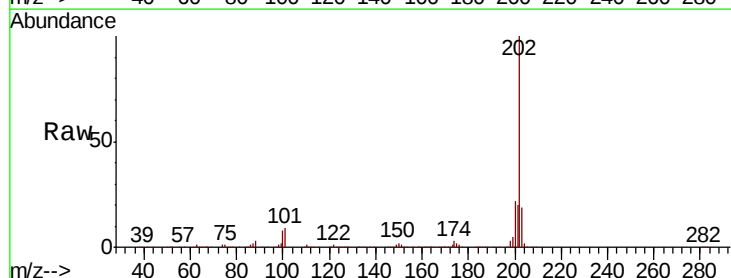
Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Tgt Ion:202 Resp: 926387

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.6
203	18.7	15.5	23.3

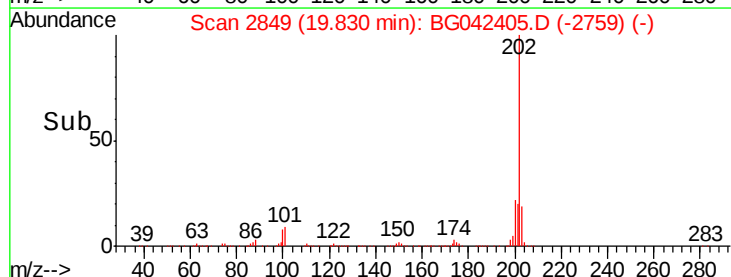
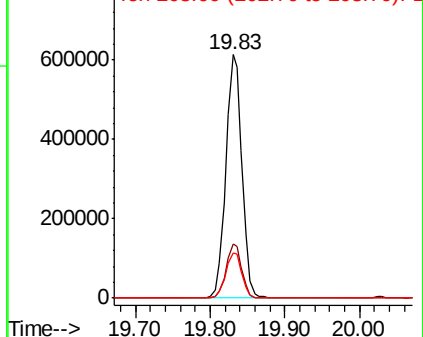


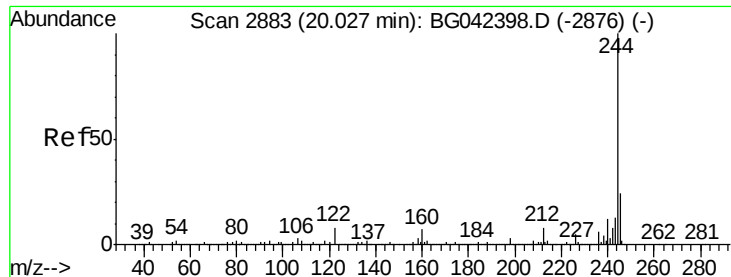
Abundance

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: 83.250 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

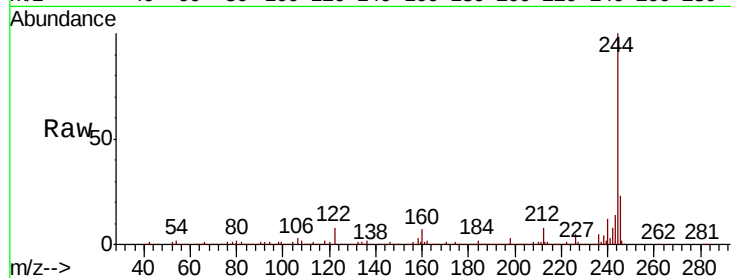
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1356599

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	8.1	6.7	10.1

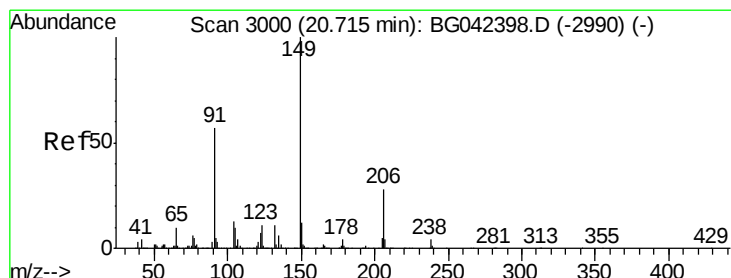
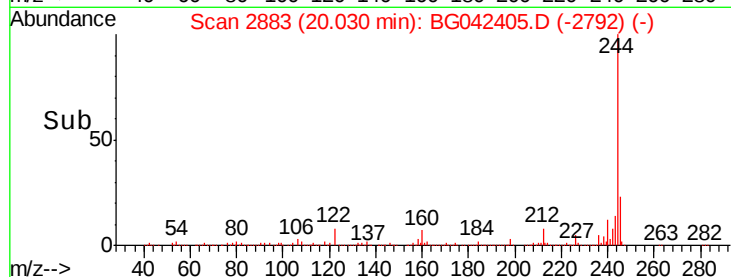
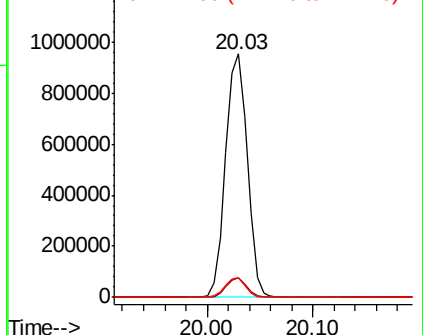


Abundance

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: 41.587 ng

RT: 20.71 min Scan# 2999

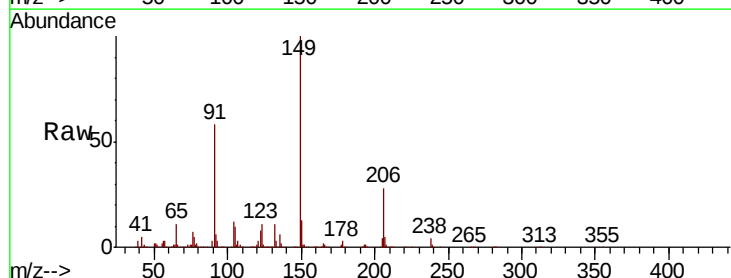
Delta R.T. -0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Tgt Ion:149 Resp: 353296

Ion	Ratio	Lower	Upper
149	100		
91	58.4	45.9	68.9
206	28.0	22.5	33.7

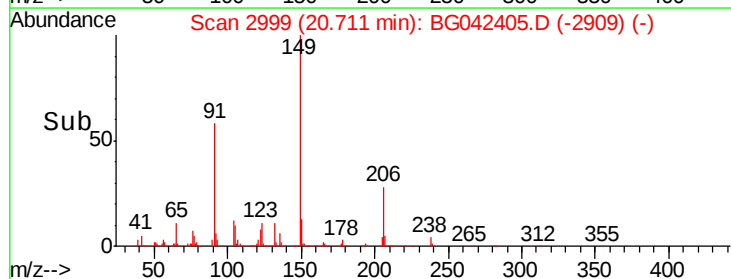
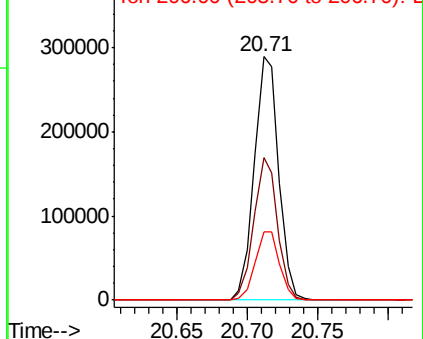


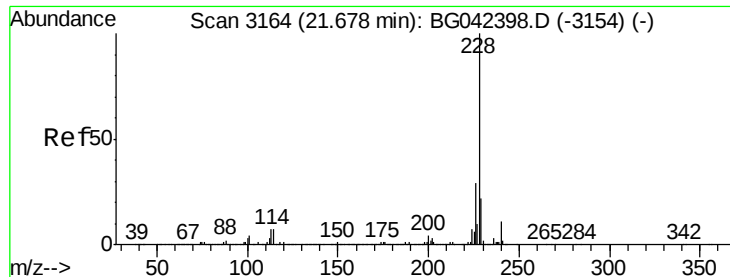
Abundance

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

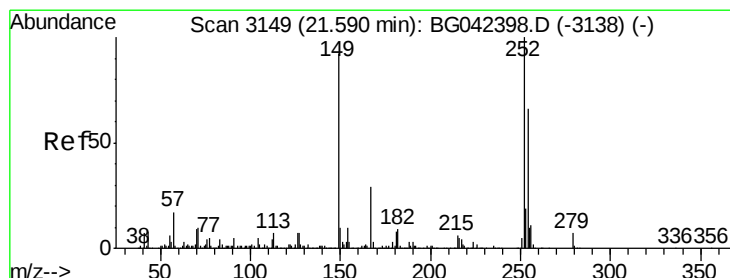
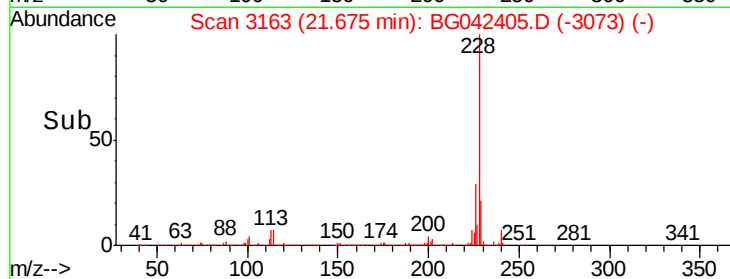
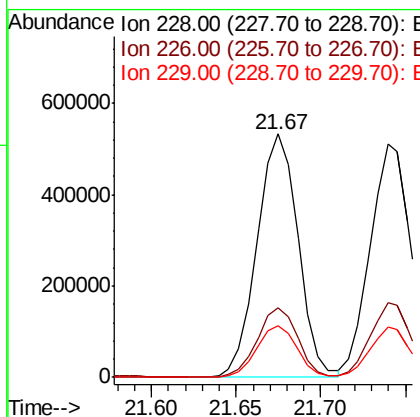
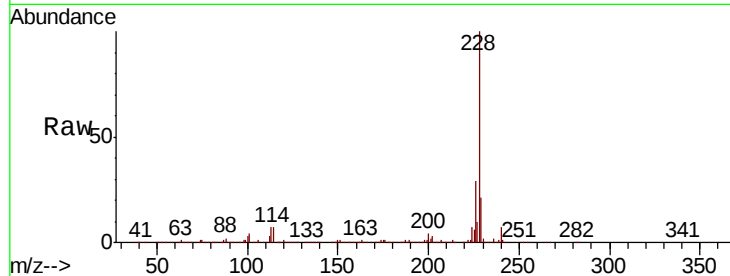




#81
Benzo(a)anthracene
Concen: 42.103 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

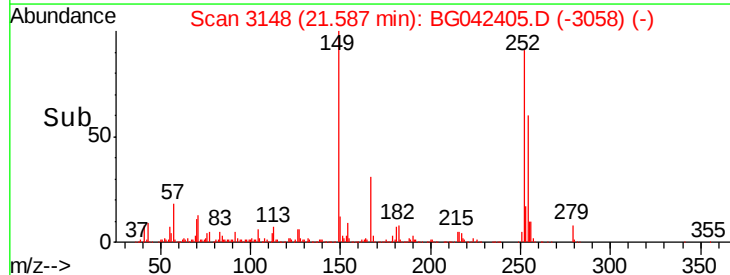
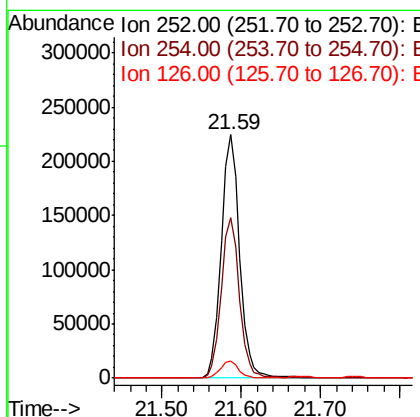
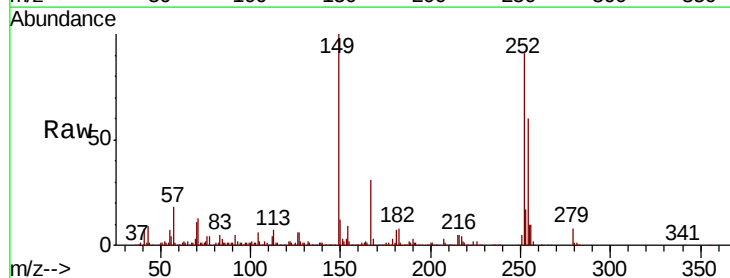
Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 902295
Ion Ratio Lower Upper
228 100
226 28.7 23.4 35.2
229 21.2 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 41.977 ng
RT: 21.59 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Tgt Ion:252 Resp: 361805
Ion Ratio Lower Upper
252 100
254 66.1 53.0 79.4
126 7.1 5.7 8.5

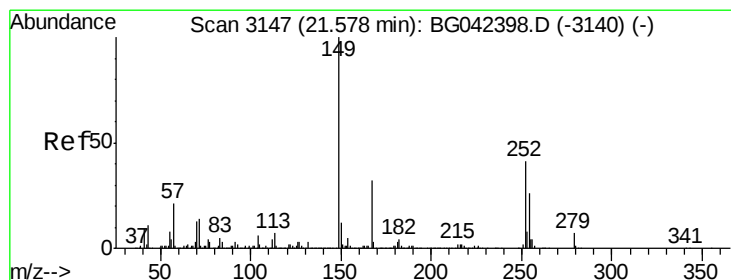
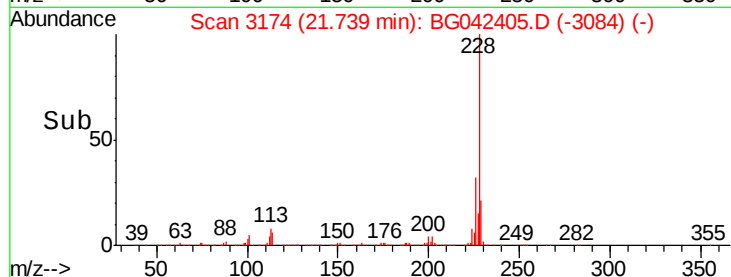
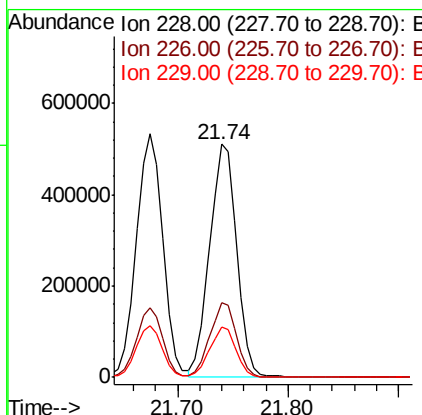
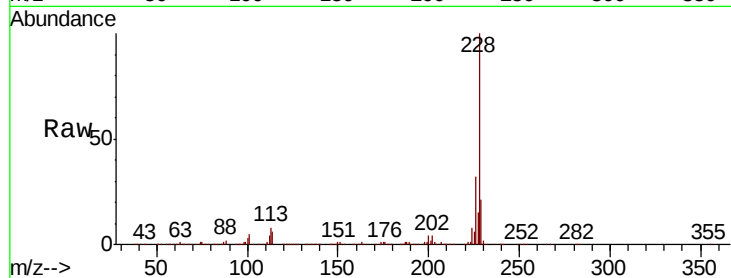




#83
 Chrysene
 Concen: 41.591 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

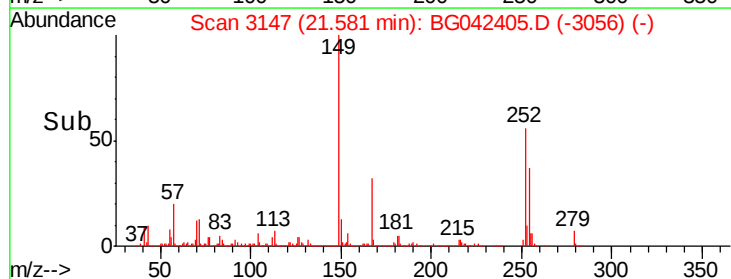
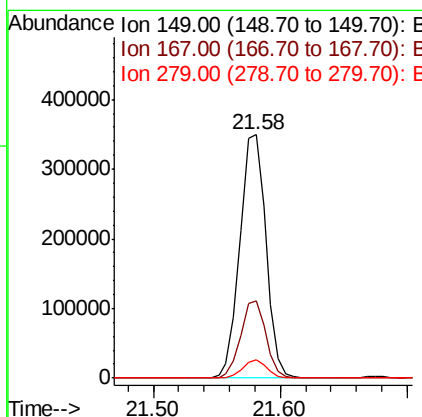
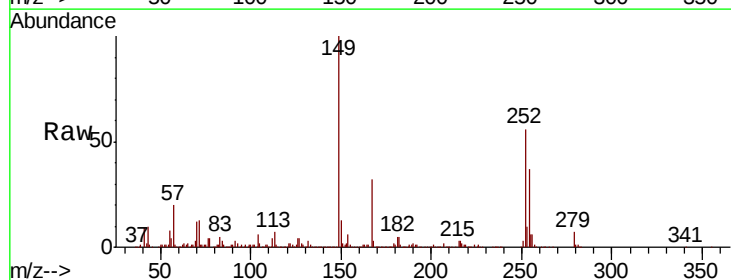
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	21.4	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.080 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. 0.00 min
 Lab File: BG042405.D
 Acq: 22 Aug 2019 17:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.0	26.0	39.0
279	7.3	5.4	8.0

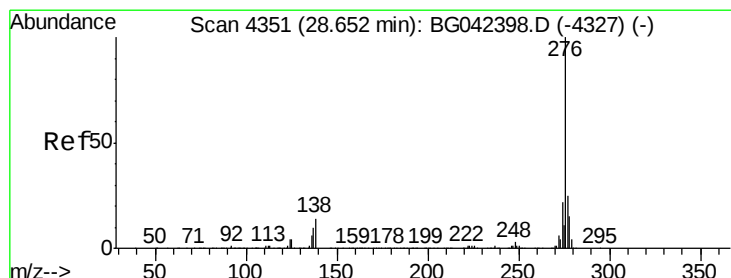
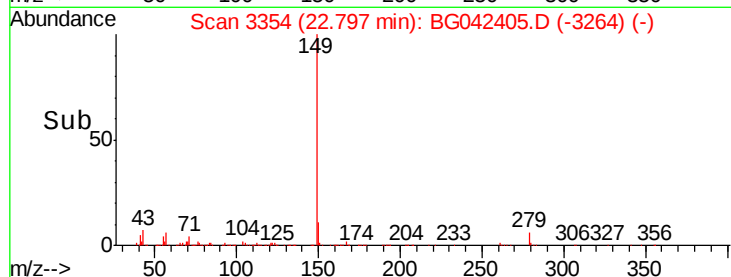
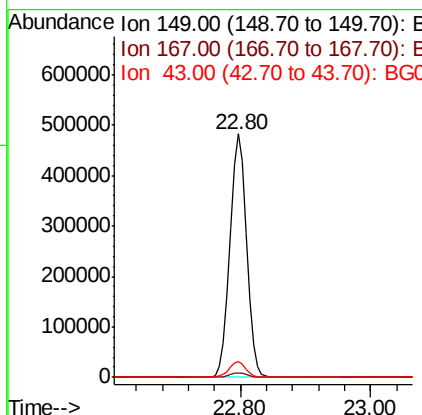
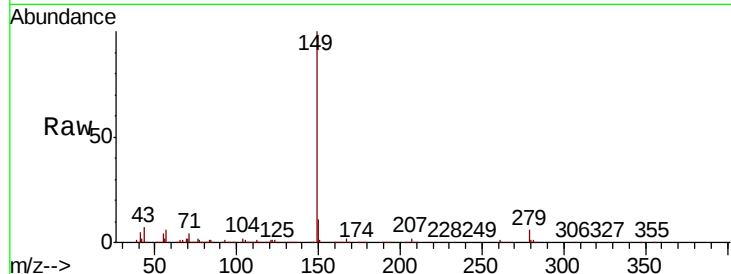




#85
Di-n-octyl phthalate
Concen: 42.233 ng
RT: 22.80 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

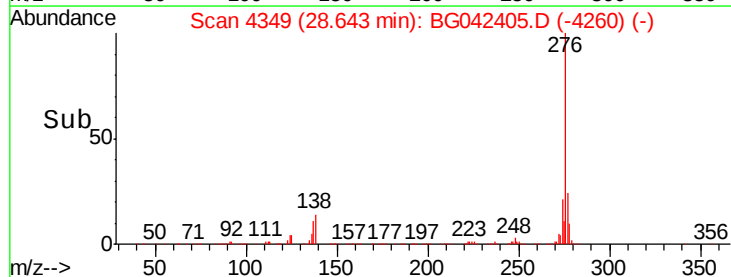
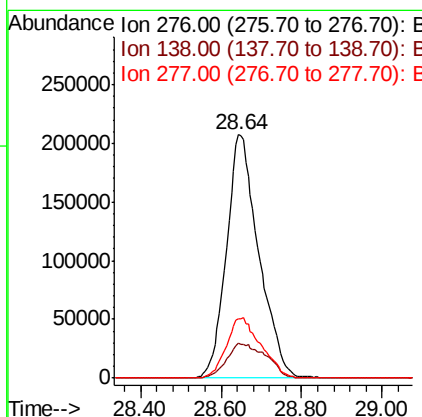
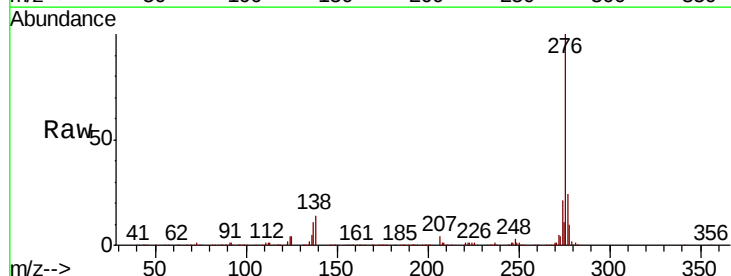
Instrument :
BNA_G
ClientSampleId :

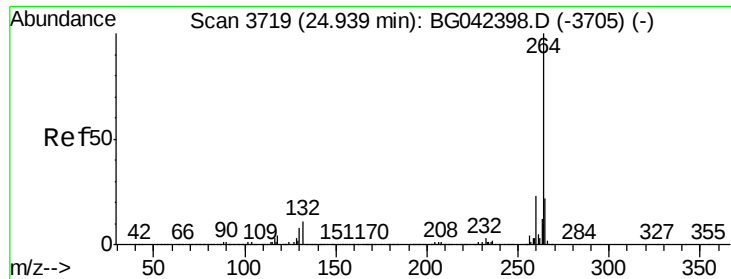
Tot Ion:149 Resp: 856791
Ion Ratio Lower Upper
149 100
167 1.9 1.6 2.4
43 6.6 5.3 7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.162 ng
RT: 28.64 min Scan# 4349
Delta R.T. -0.01 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Tgt Ion:276 Resp: 1156142
Ion Ratio Lower Upper
276 100
138 17.3 9.2 13.8#
277 26.4 21.0 31.6

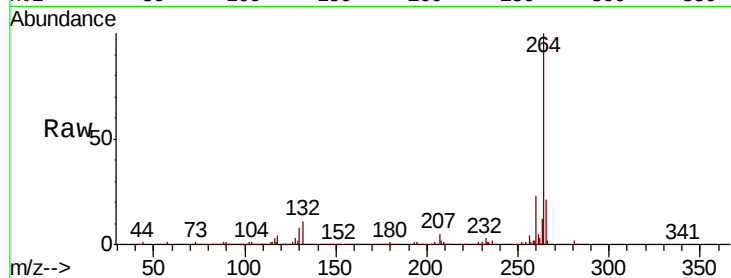




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	21.4	17.6	26.4

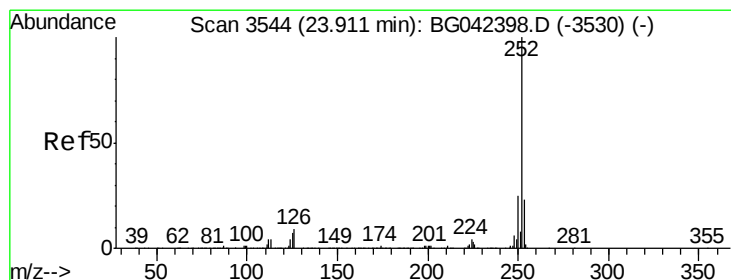
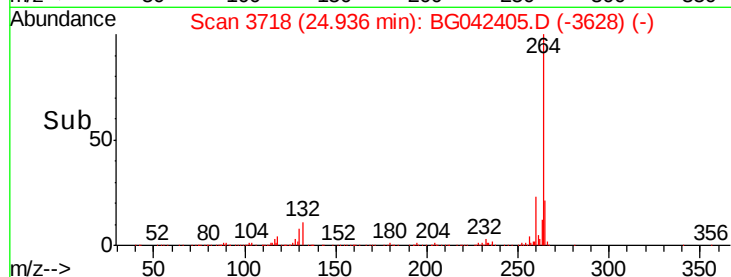
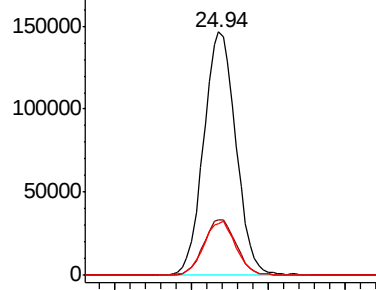


Abundance

Ion 264.00 (263.70 to 264.70): E

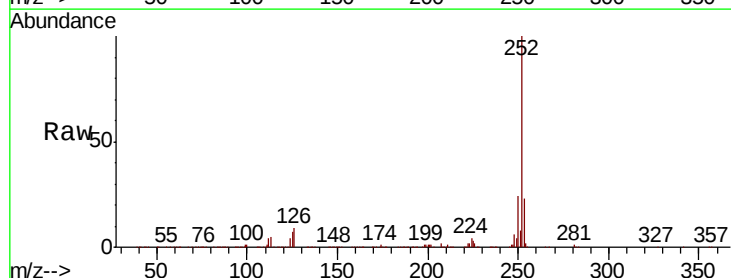
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 41.647 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	6.8	5.6	8.4

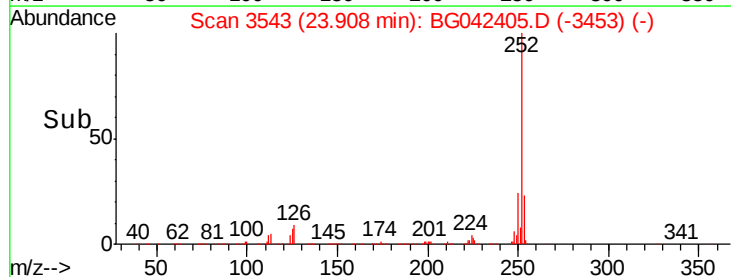
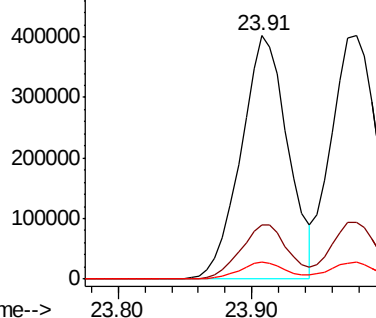


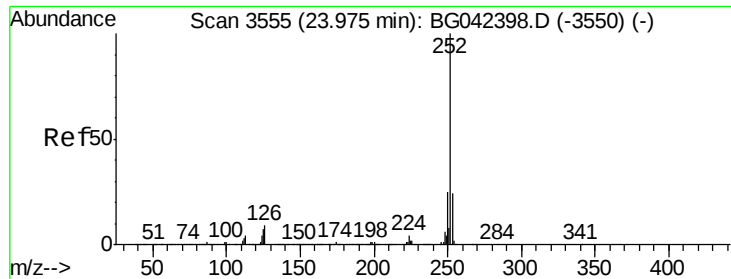
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.282 ng

RT: 23.98 min Scan# 3555

Delta R.T. 0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

Instrument :

BNA_G

ClientSampled :

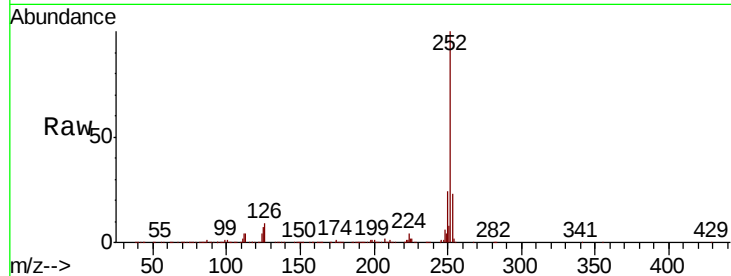
Tot Ion:252 Resp: 958701

Ion Ratio Lower Upper

252 100

253 23.3 18.6 27.8

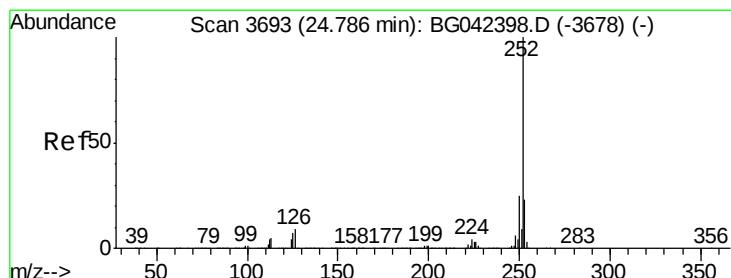
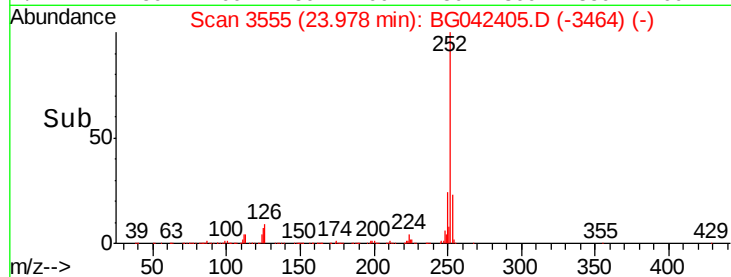
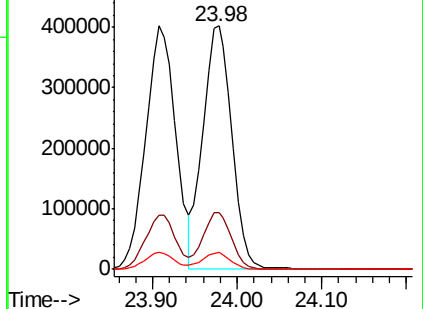
125 6.8 5.8 8.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.025 ng

RT: 24.79 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG042405.D

Acq: 22 Aug 2019 17:40

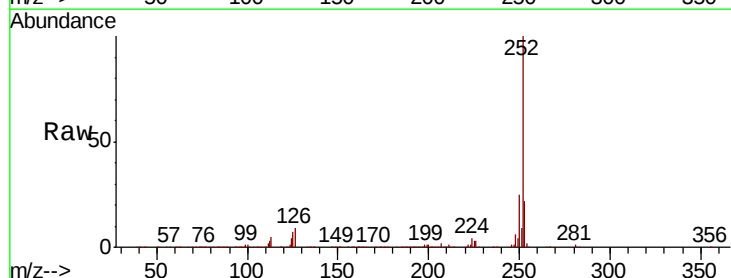
Tgt Ion:252 Resp: 940664

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

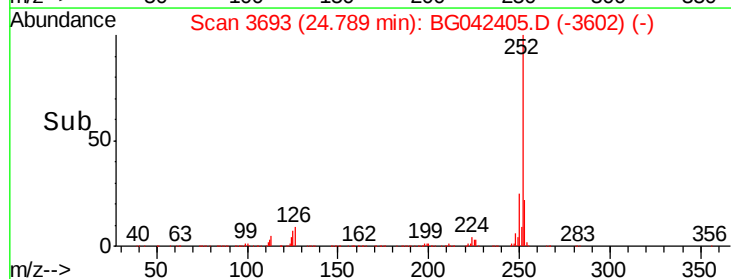
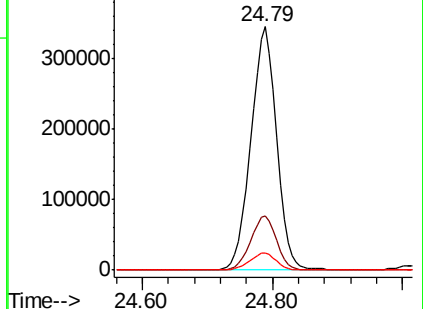
125 7.0 6.0 9.0

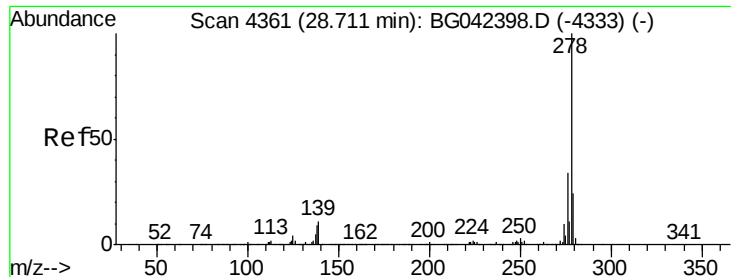


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

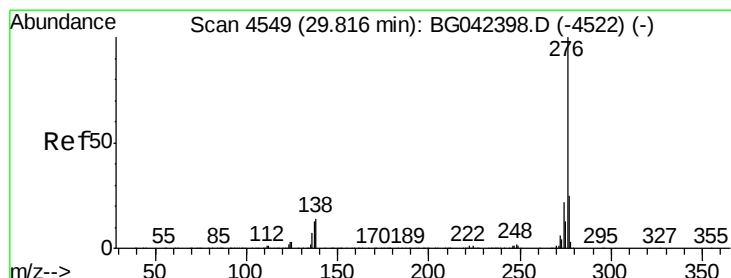
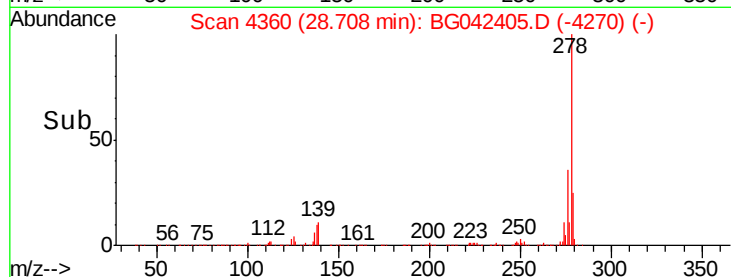
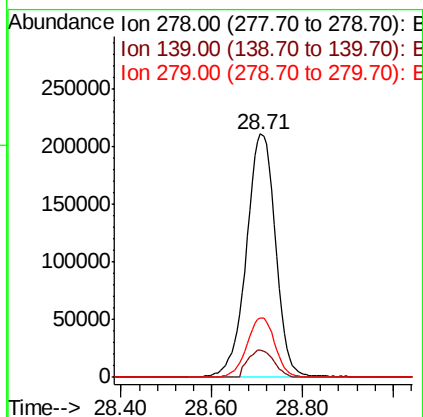
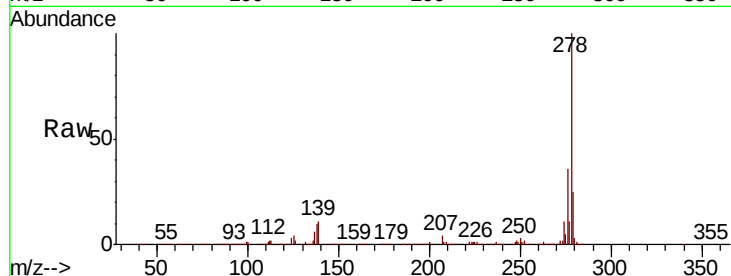




#91
Dibenzo(a,h)anthracene
Concen: 41.465 ng
RT: 28.71 min Scan# 4360
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.2	8.8	13.2
279	24.6	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 41.260 ng
RT: 29.81 min Scan# 4548
Delta R.T. -0.00 min
Lab File: BG042405.D
Acq: 22 Aug 2019 17:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.8	29.8
138	15.2	11.4	17.0

