

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082219\
 Data File : BG042399.D
 Acq On : 22 Aug 2019 11:37
 Operator : HP/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Quant Time: Aug 22 12:16:37 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 11:44:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	56210	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	239796	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	181114	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	413342	20.00	ng	0.00
76) Chrysene-d12	21.70	240	404281	20.00	ng	0.00
87) Perylene-d12	24.94	264	494992	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	274472	98.93	ng	0.00
7) Phenol-d6	7.17	99	371793	98.68	ng	0.00
23) Nitrobenzene-d5	9.18	82	337953	99.12	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	250812	101.68	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1033340	96.55	ng	0.00
79) Terphenyl-d14	20.03	244	1732054	93.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	55975	46.785	ng	99
3) Pyridine	3.82	79	152624	49.802	ng	99
4) n-Nitrosodimethylamine	3.74	42	53349	50.563	ng	99
6) Aniline	7.32	93	246175	49.506	ng	100
8) 2-Chlorophenol	7.57	128	163836	48.577	ng	98
9) Benzaldehyde	7.13	77	91861	43.343	ng	96
10) Phenol	7.20	94	189981	49.595	ng	93
11) bis(2-Chloroethyl)ether	7.42	93	147508	48.753	ng	99
12) 1,3-Dichlorobenzene	7.89	146	208830	48.651	ng	97
13) 1,4-Dichlorobenzene	8.04	146	212144	49.069	ng	99
14) 1,2-Dichlorobenzene	8.36	146	202225	49.013	ng	98
15) Benzyl Alcohol	8.24	79	134623	51.952	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	198352	47.540	ng	98
17) 2-Methylphenol	8.46	107	139000	49.075	ng	95
18) Hexachloroethane	9.09	117	72141	48.551	ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	119674	49.381	ng	98
20) 3+4-Methylphenols	8.79	107	194472	49.628	ng	99
22) Acetophenone	8.83	105	248958	48.862	ng	# 98
24) Nitrobenzene	9.22	77	172298	49.596	ng	99
25) Isophorone	9.75	82	332808	48.815	ng	99
26) 2-Nitrophenol	9.93	139	108974	50.459	ng	98
27) 2,4-Dimethylphenol	10.00	122	147513	49.235	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	211773	48.223	ng	98
29) 2,4-Dichlorophenol	10.48	162	195068	48.967	ng	99
30) 1,2,4-Trichlorobenzene	10.69	180	235327	48.327	ng	98
31) Naphthalene	10.88	128	539805	48.576	ng	99
32) Benzoic acid	10.16	122	103629	51.915	ng	93
33) 4-Chloroaniline	10.98	127	250439	49.421	ng	98
34) Hexachlorobutadiene	11.17	225	158786	48.659	ng	99
35) Caprolactam	11.77	113	65450	51.549	ng	99
36) 4-Chloro-3-methylphenol	12.12	107	186003	49.953	ng	100
37) 2-Methylnaphthalene	12.49	142	434854	48.816	ng	98
38) 1-Methylnaphthalene	12.71	142	414688	48.872	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	279392	47.859	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	153984	52.085	ng	98
43) 2,4,6-Trichlorophenol	13.10	196	191187	48.931	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	194826	48.412	ng	97
46) 1,1'-Biphenyl	13.49	154	563748	47.710	ng	100
47) 2-Chloronaphthalene	13.54	162	486164	48.262	ng	98
48) 2-Nitroaniline	13.74	65	118890	49.937	ng	99
49) Acenaphthylene	14.39	152	734609	48.509	ng	98
50) Dimethylphthalate	14.12	163	632184	49.123	ng	100
51) 2,6-Dinitrotoluene	14.23	165	148911	49.439	ng	98
52) Acenaphthene	14.73	154	448728	48.574	ng	100
53) 3-Nitroaniline	14.57	138	148095	50.004	ng	99
54) 2,4-Dinitrophenol	14.78	184	91858	54.936	ng	94
55) Dibenzofuran	15.06	168	741584	49.283	ng	99
56) 4-Nitrophenol	14.89	139	108563	50.811	ng	99
57) 2,4-Dinitrotoluene	15.03	165	213147	50.615	ng	97
58) Fluorene	15.71	166	605551	49.469	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	195651	50.058	ng	# 92
60) Diethylphthalate	15.48	149	615089	49.401	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	365128	49.672	ng	99
62) 4-Nitroaniline	15.74	138	158376	50.605	ng	100
63) Azobenzene	16.00	77	421529	48.582	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	130140	51.601	ng	99
66) n-Nitrosodiphenylamine	15.92	169	551453	47.678	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	261217	49.660	ng	98
68) Hexachlorobenzene	16.73	284	277365	49.226	ng	99
69) Atrazine	16.87	200	194616	49.089	ng	97
70) Pentachlorophenol	17.07	266	154561	51.531	ng	98
71) Phenanthrene	17.46	178	993212	48.247	ng	98
72) Anthracene	17.55	178	999457	48.680	ng	98
73) Carbazole	17.82	167	890706	48.838	ng	99
74) Di-n-butylphthalate	18.38	149	1055379	49.608	ng	99
75) Fluoranthene	19.47	202	1208711	48.691	ng	99
77) Benzidine	19.65	184	526563	49.124	ng	99
78) Pyrene	19.83	202	1213032	48.763	ng	99
80) Butylbenzylphthalate	20.71	149	475238	48.203	ng	99
81) Benzo(a)anthracene	21.68	228	1205372	48.550	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	483799	48.958	ng	99
83) Chrysene	21.74	228	1155040	48.633	ng	96
84) Bis(2-ethylhexyl)phthalate	21.58	149	664193	48.316	ng	100
85) Di-n-octyl phthalate	22.80	149	1145170	48.839	ng	100
86) Indeno(1,2,3-cd)pyrene	28.66	276	1572927	49.602	ng	# 95
88) Benzo(b)fluoranthene	23.91	252	1317710	48.432	ng	99
89) Benzo(k)fluoranthene	23.98	252	1273805	47.896	ng	98
90) Benzo(a)pyrene	24.79	252	1252788	48.054	ng	99
91) Dibenzo(a,h)anthracene	28.72	278	1271220	48.877	ng	98
92) Benzo(g,h,i)perylene	29.82	276	1265470	48.827	ng	100

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

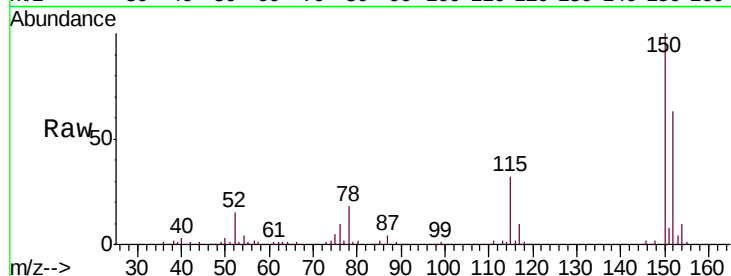


#1

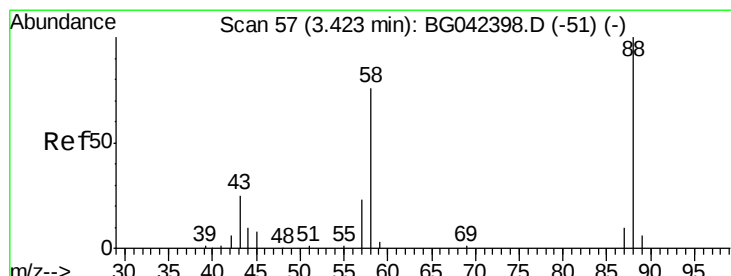
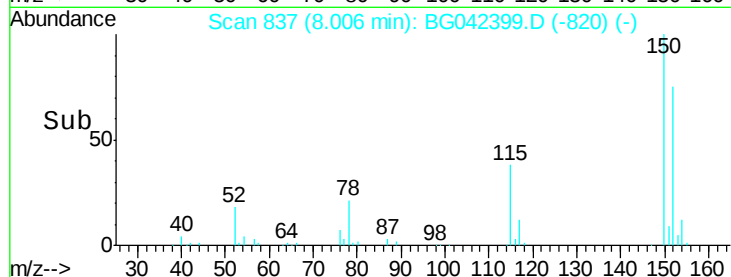
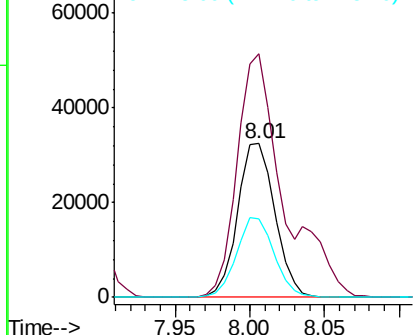
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tgt Ion:152 Resp: 56210
Ion Ratio Lower Upper
152 100
150 158.3 125.4 188.0
115 51.4 38.5 57.7



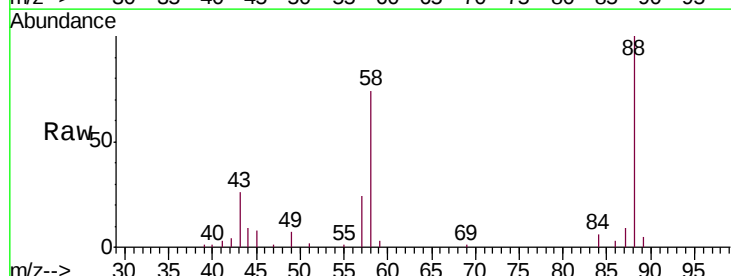
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



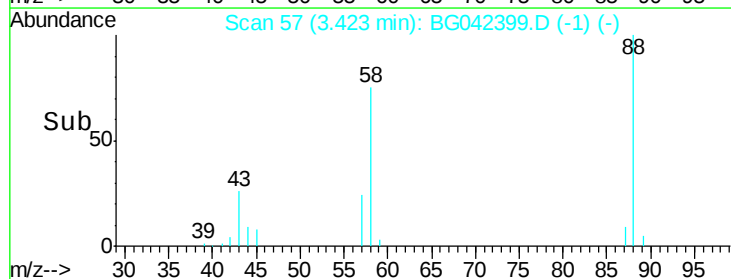
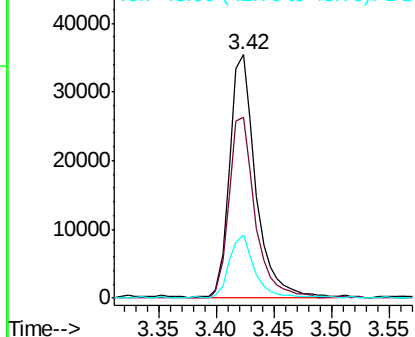
#2

1,4-Dioxane
Concen: 46.785 ng
RT: 3.42 min Scan# 57
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

Tgt Ion: 88 Resp: 55975
Ion Ratio Lower Upper
88 100
58 73.4 58.3 87.5
43 25.6 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

Pyridine

Concen: 49.802 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

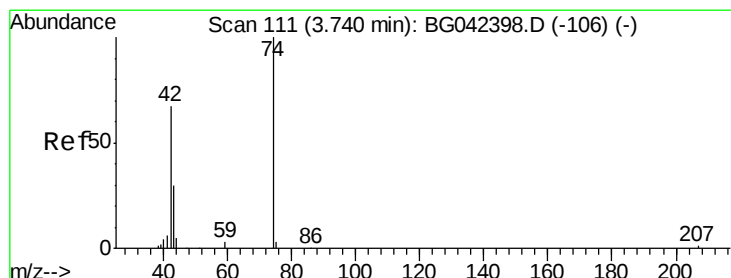
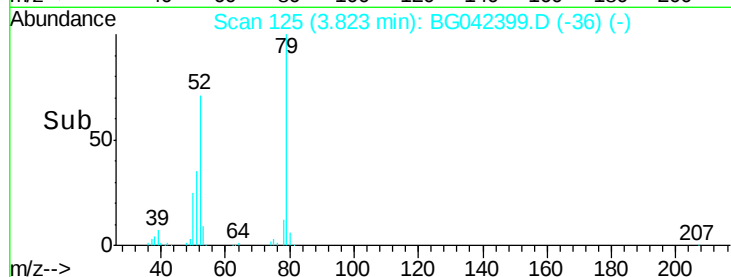
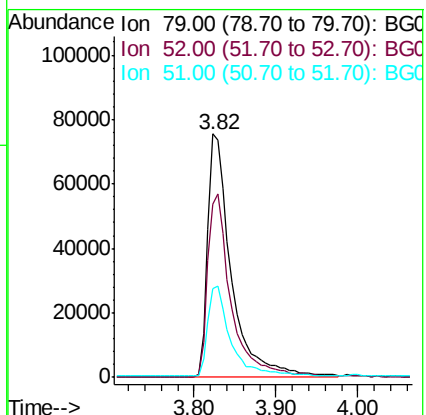
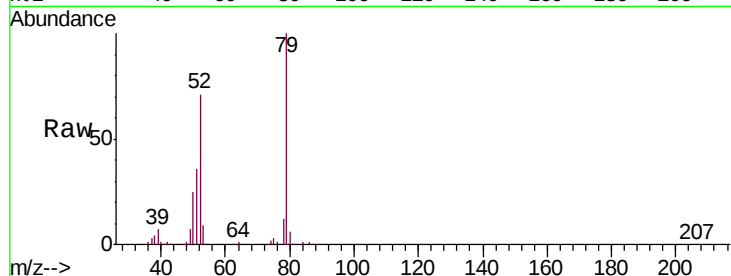
Tgt Ion: 79 Resp: 152624

Ion Ratio Lower Upper

79 100

52 71.1 57.7 86.5

51 36.4 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 50.563 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

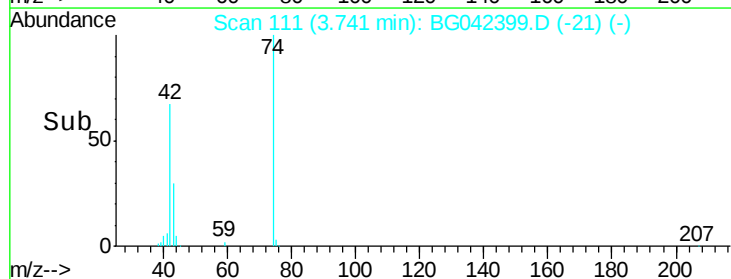
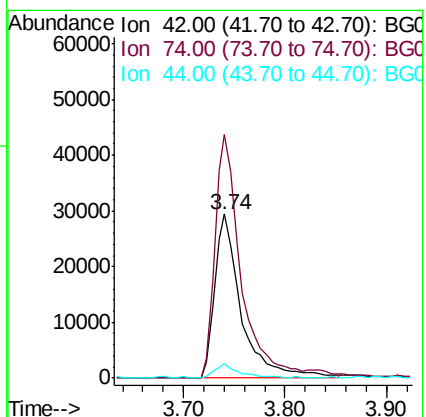
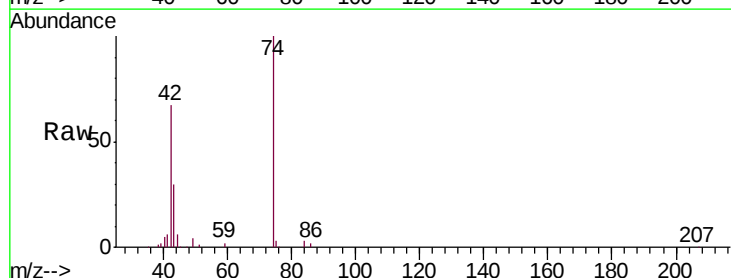
Tgt Ion: 42 Resp: 53349

Ion Ratio Lower Upper

42 100

74 148.5 119.6 179.4

44 8.5 6.5 9.7





#5

2-Fluorophenol

Concen: 98.934 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

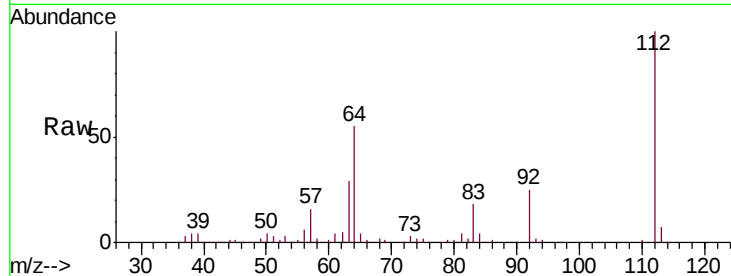
Tgt Ion: 112 Resp: 274472

Ion Ratio Lower Upper

112 100

64 55.3 42.8 64.2

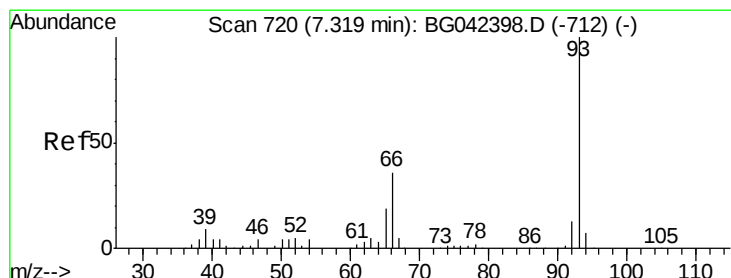
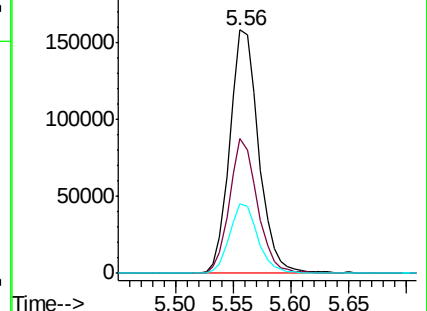
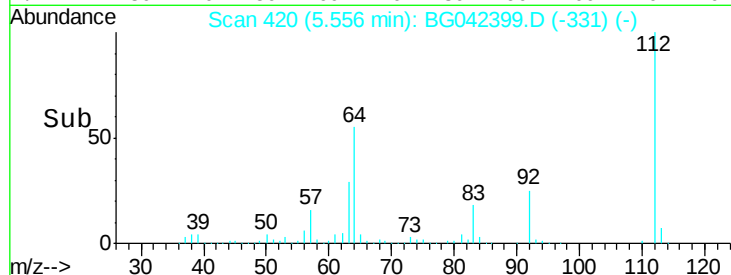
63 28.8 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 49.506 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.01 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

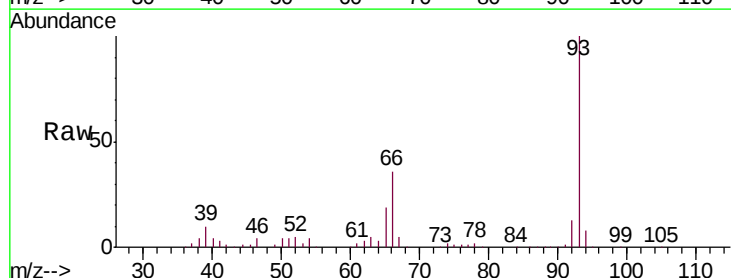
Tgt Ion: 93 Resp: 246175

Ion Ratio Lower Upper

93 100

66 36.4 29.0 43.6

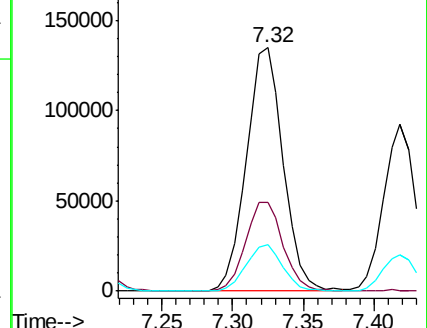
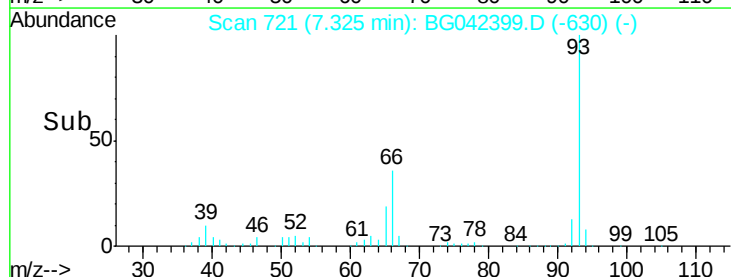
65 18.9 15.2 22.8

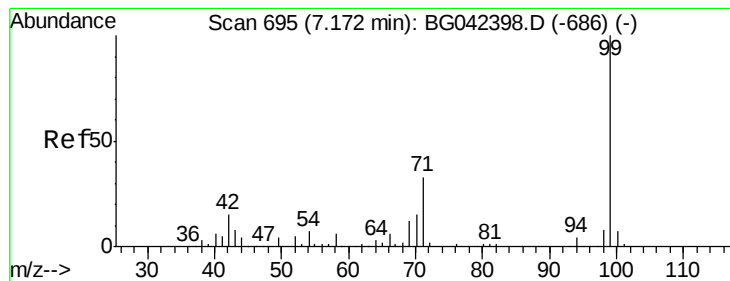


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 98.675 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampled :

SSTDIC050

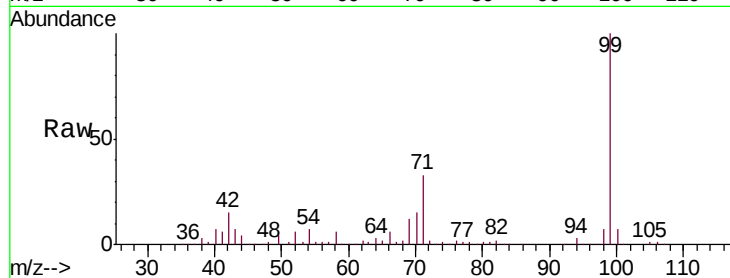
Tgt Ion: 99 Resp: 371793

Ion Ratio Lower Upper

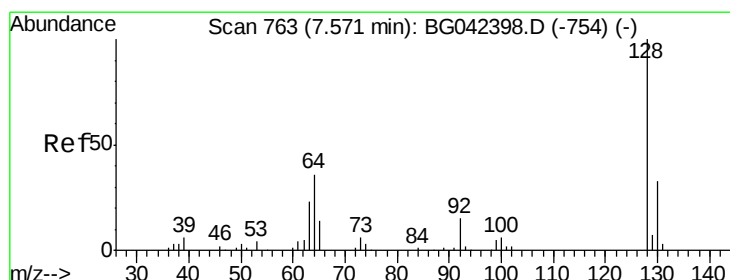
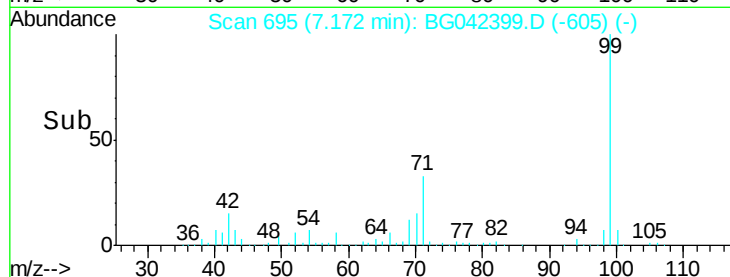
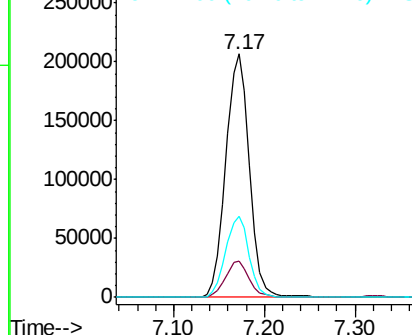
99 100

42 14.9 12.0 18.0

71 33.4 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: 48.577 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

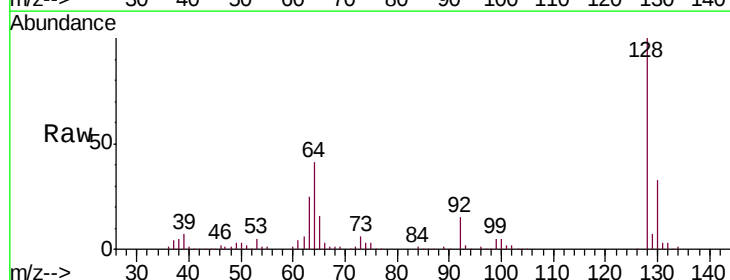
Tgt Ion: 128 Resp: 163836

Ion Ratio Lower Upper

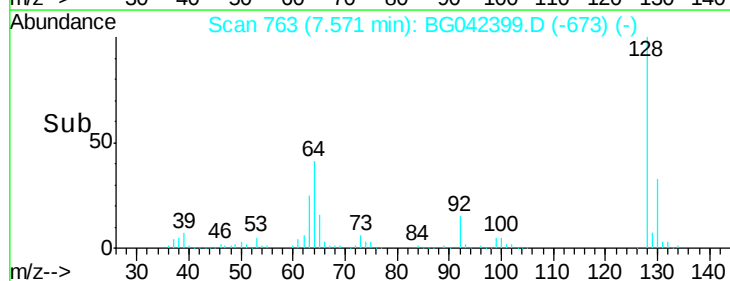
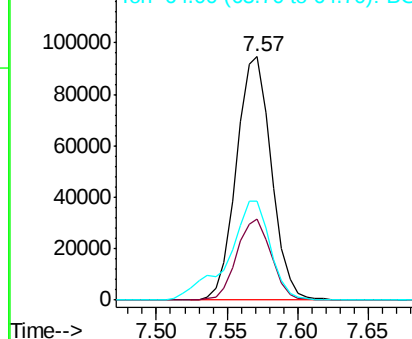
128 100

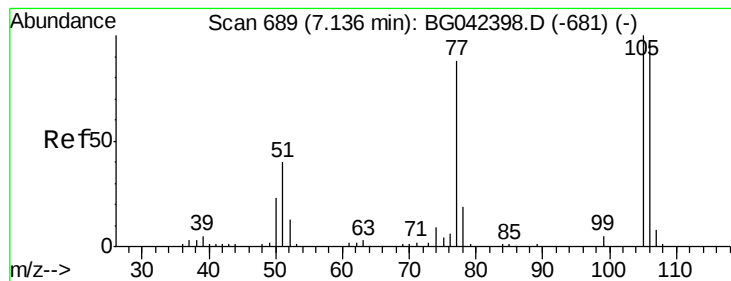
130 33.3 12.8 52.8

64 40.6 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: 43.343 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

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ClientSampleId :

SSTDIC050

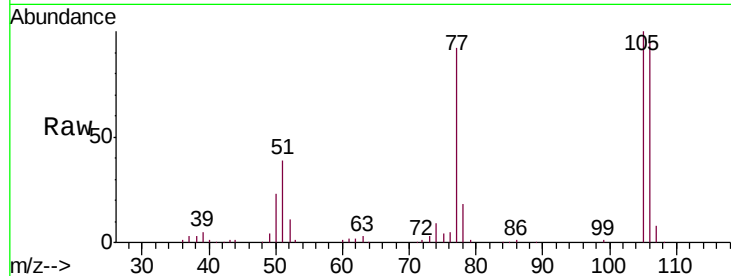
Tgt Ion: 77 Resp: 91861

Ion Ratio Lower Upper

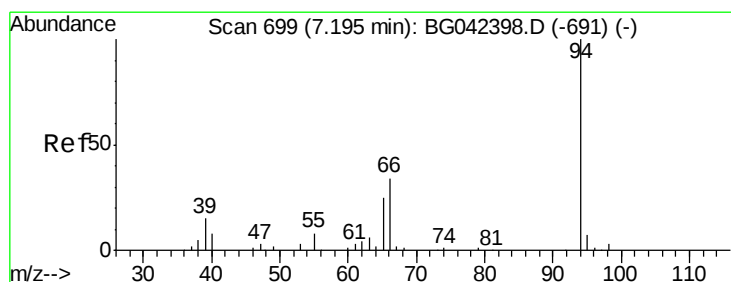
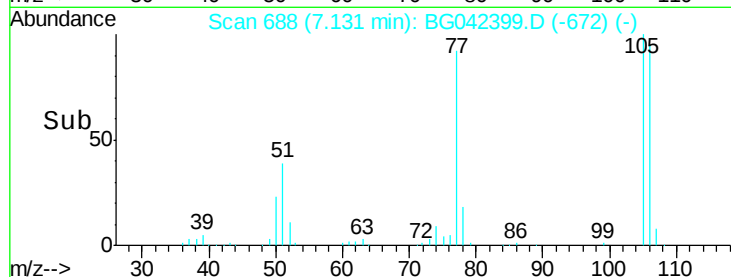
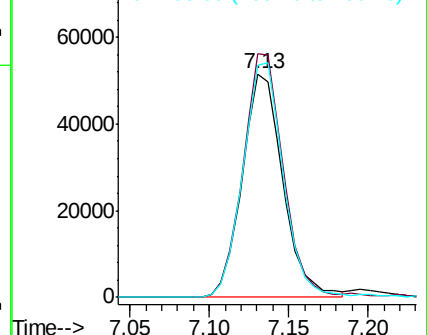
77 100

105 109.1 93.4 133.4

106 103.8 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: 49.595 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

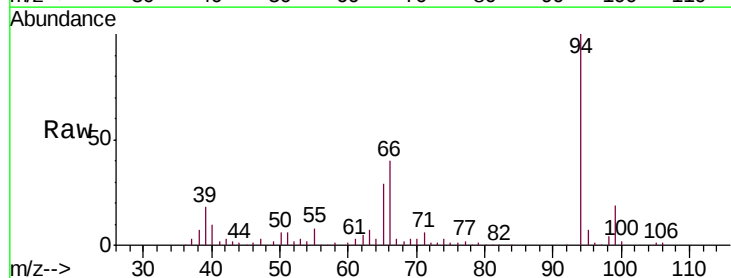
Tgt Ion: 94 Resp: 189981

Ion Ratio Lower Upper

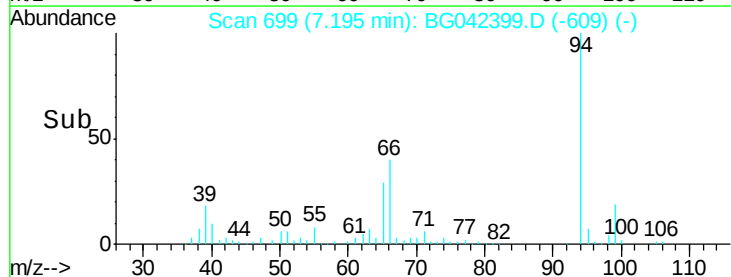
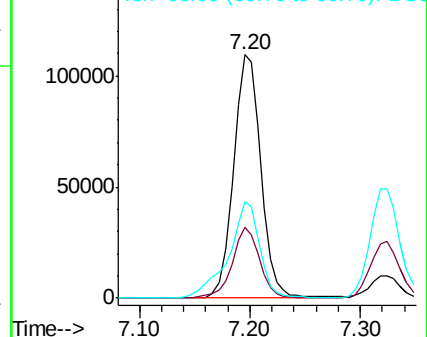
94 100

65 29.1 5.6 45.6

66 39.7 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

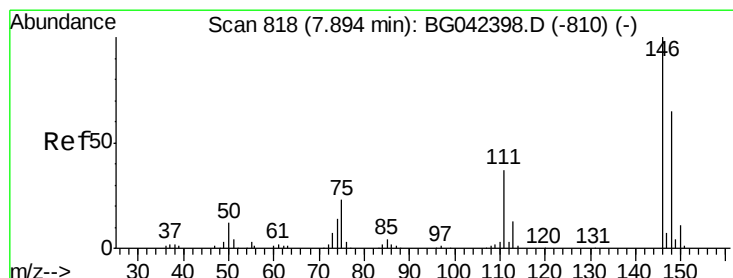
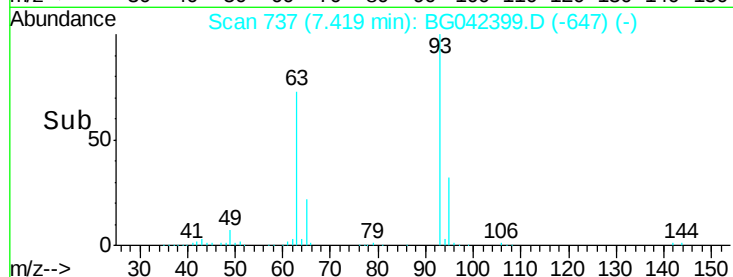
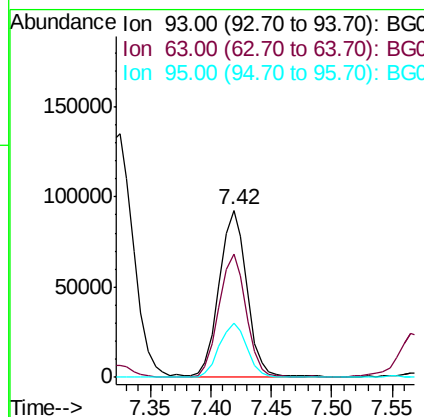
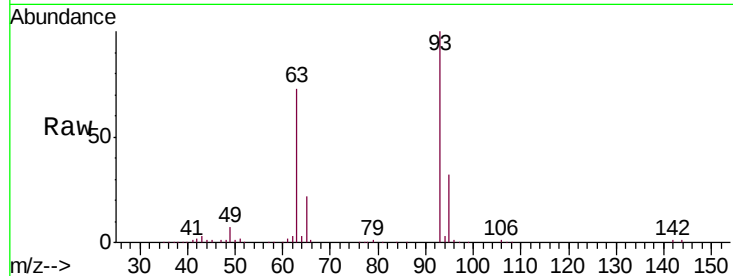




#11
 bis(2-Chloroethyl)ether
 Concen: 48.753 ng
 RT: 7.42 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

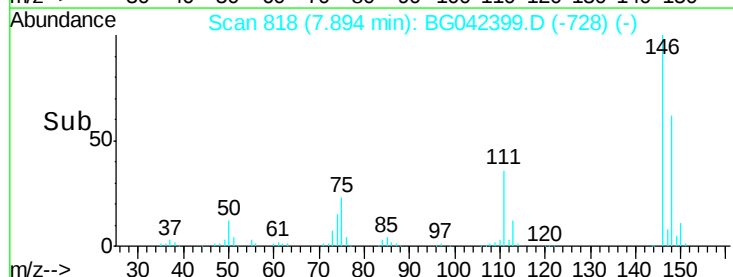
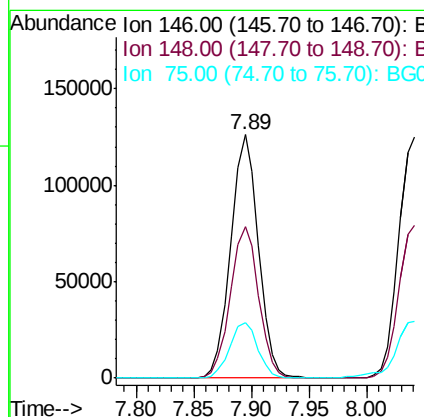
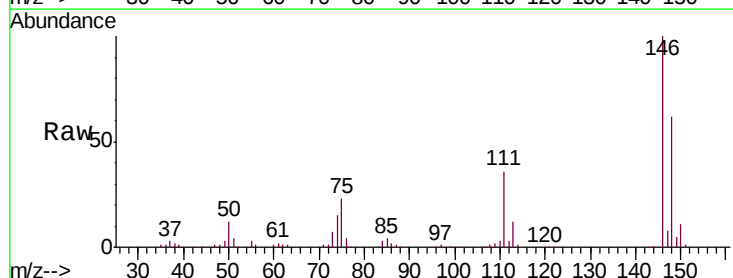
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tgt Ion: 93 Resp: 147508
 Ion Ratio Lower Upper
 93 100
 63 73.4 53.8 93.8
 95 32.3 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 48.651 ng
 RT: 7.89 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

Tgt Ion: 146 Resp: 208830
 Ion Ratio Lower Upper
 146 100
 148 62.4 52.2 78.2
 75 23.0 18.0 27.0

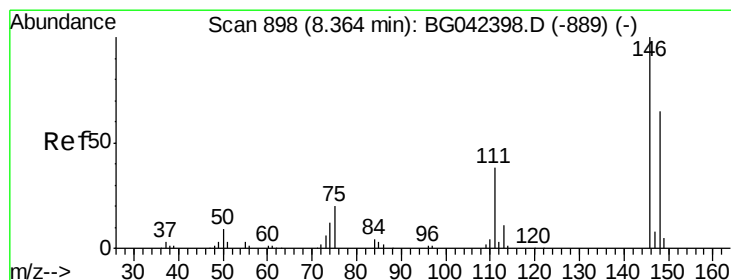
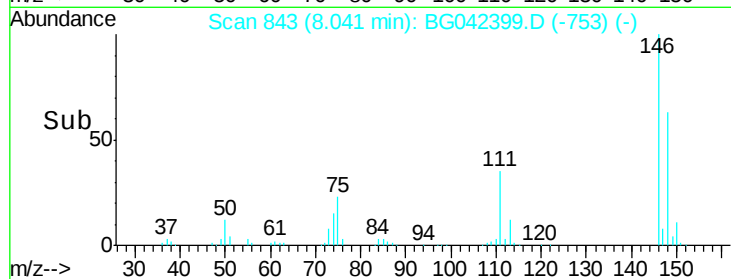
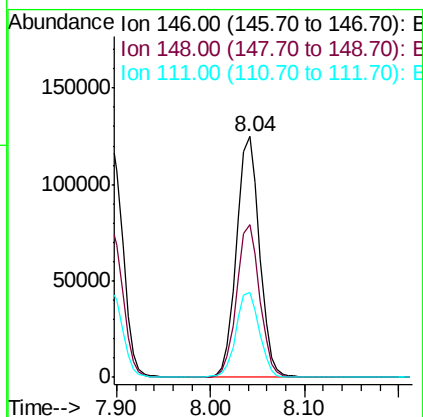
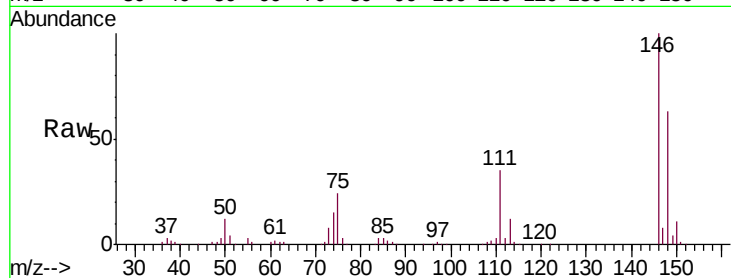




#13
 1,4-Dichlorobenzene
 Concen: 49.069 ng
 RT: 8.04 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

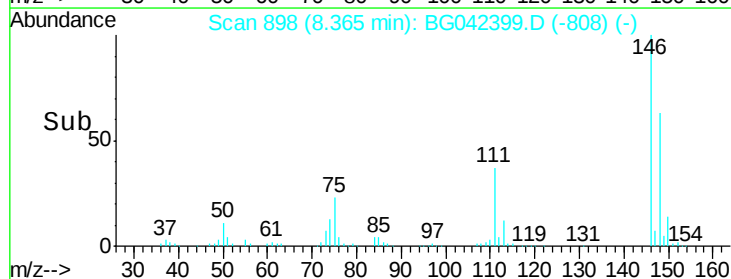
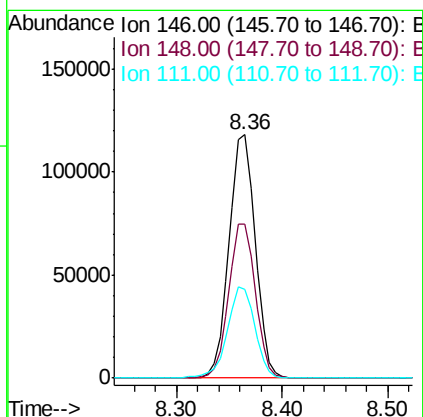
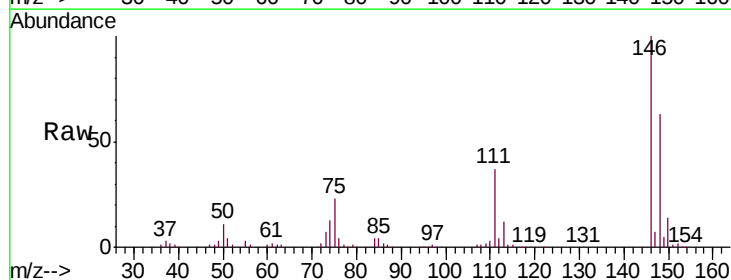
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

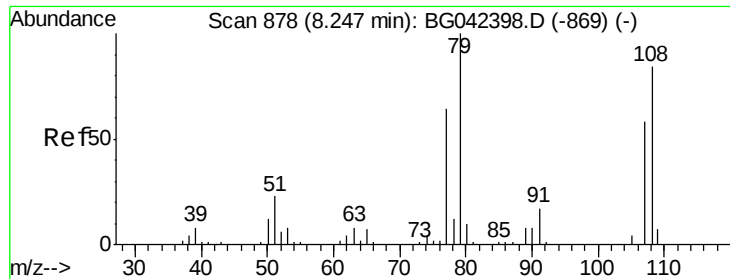
Tgt Ion:146 Resp: 212144
 Ion Ratio Lower Upper
 146 100
 148 63.4 49.5 74.3
 111 35.3 28.1 42.1



#14
 1,2-Dichlorobenzene
 Concen: 49.013 ng
 RT: 8.36 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

Tgt Ion:146 Resp: 202225
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.8 77.6
 111 36.6 30.9 46.3





#15

Benzyl Alcohol

Concen: 51.952 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

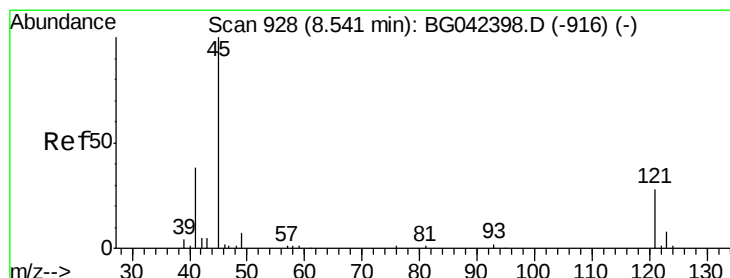
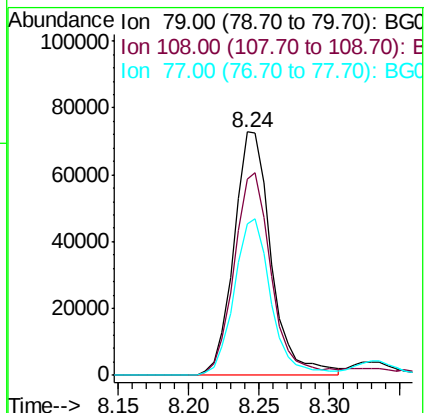
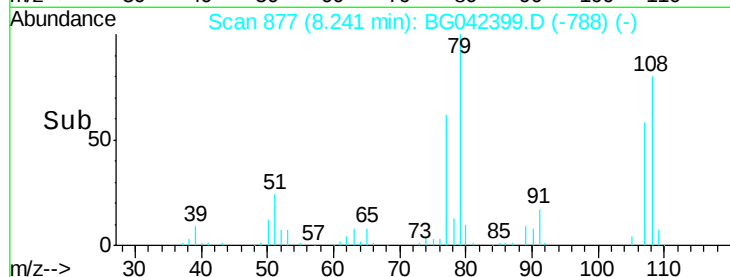
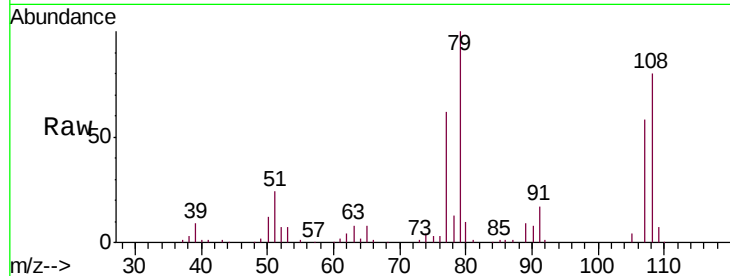
Tgt Ion: 79 Resp: 134623

Ion Ratio Lower Upper

79 100

108 80.4 67.4 101.2

77 62.1 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.540 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

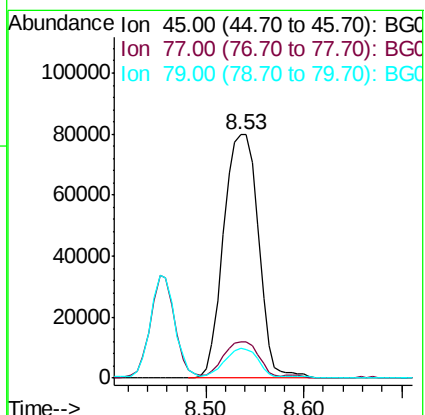
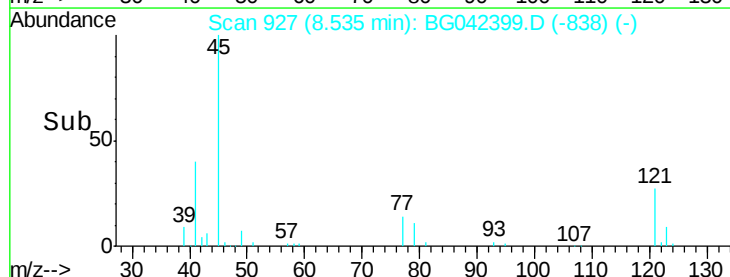
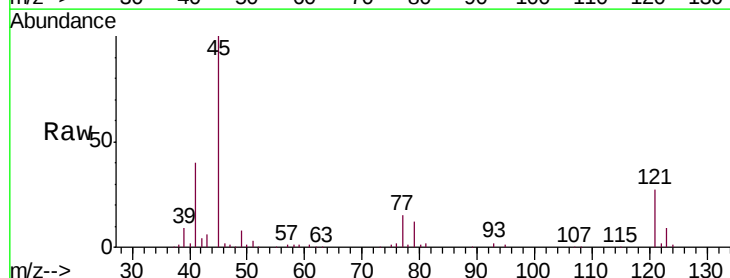
Tgt Ion: 45 Resp: 198352

Ion Ratio Lower Upper

45 100

77 14.9 0.0 35.6

79 12.1 0.0 31.6

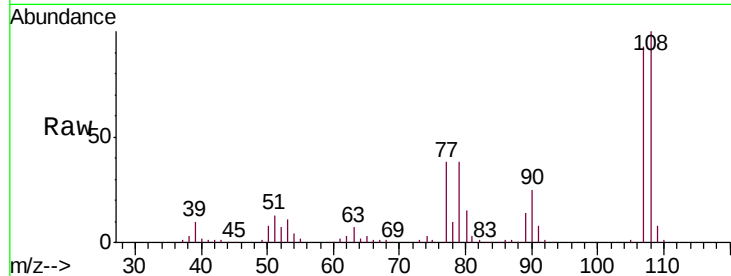




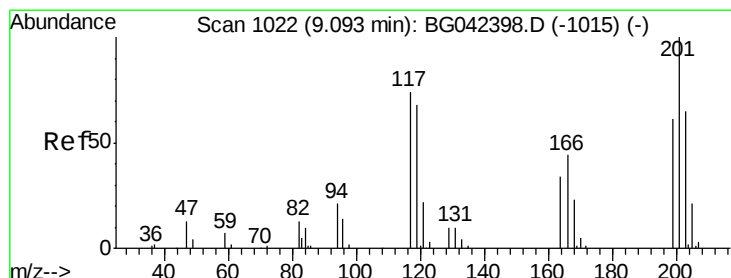
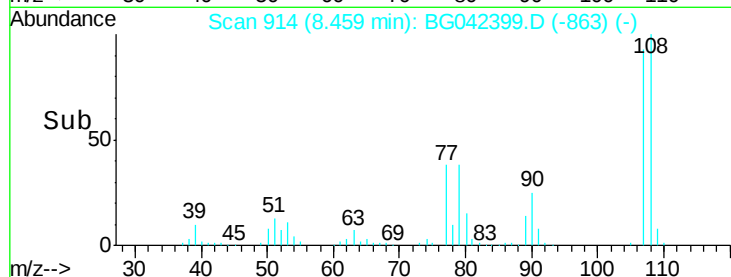
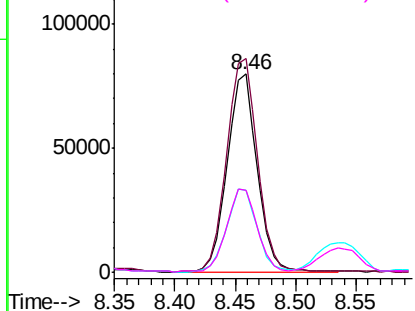
#17
2-Methylphenol
Concen: 49.075 ng
RT: 8.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tgt Ion:	107	Resp:	139000
Ion	Ratio	Lower	Upper
107	100		
108	107.9	92.9	139.3
77	41.1	34.4	51.6
79	41.2	33.8	50.6

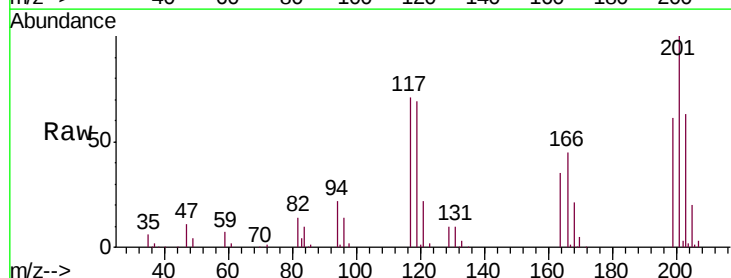


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

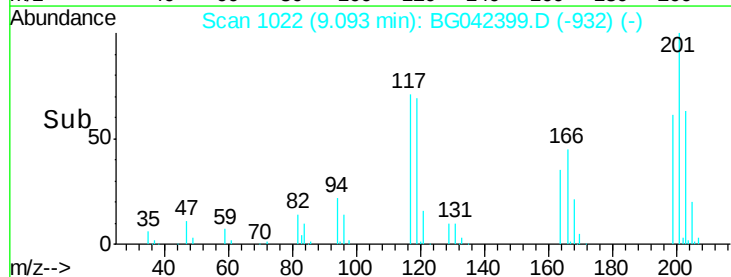
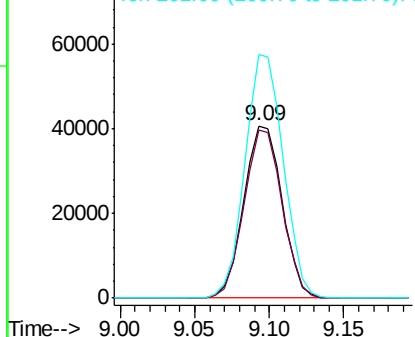


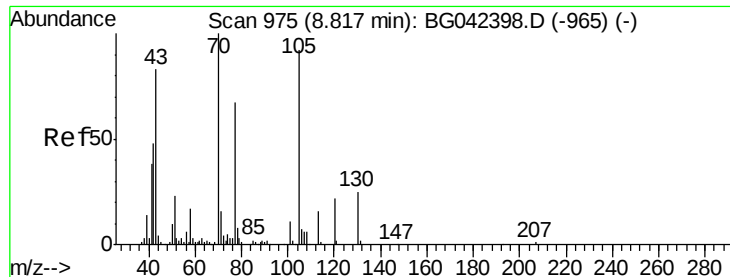
#18
Hexachloroethane
Concen: 48.551 ng
RT: 9.09 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

Tgt Ion:	117	Resp:	72141
Ion	Ratio	Lower	Upper
117	100		
119	97.4	73.8	110.8
201	141.3	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

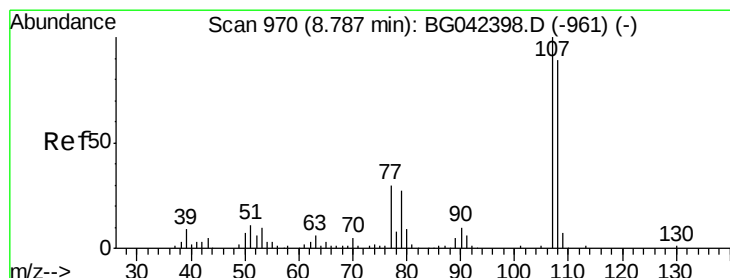
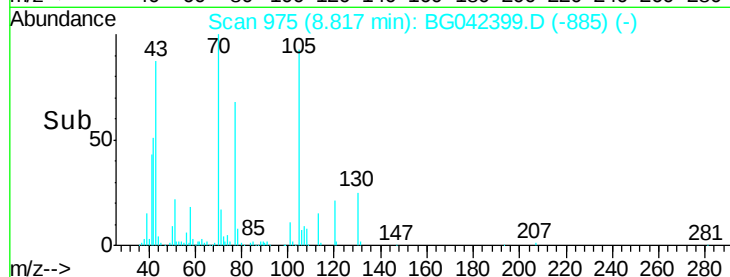
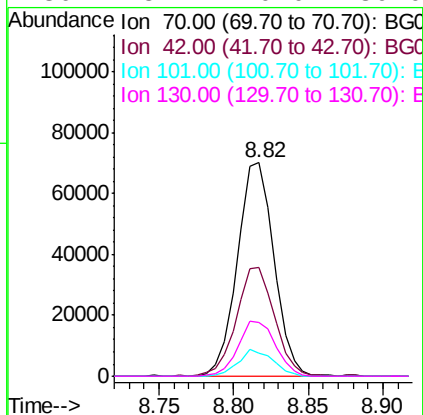
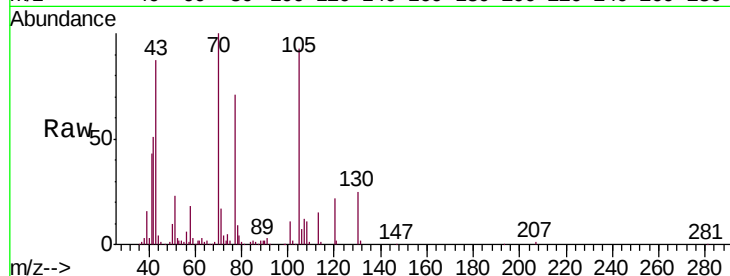




#19
n-Nitroso-di-n-propylamine
Concen: 49.381 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

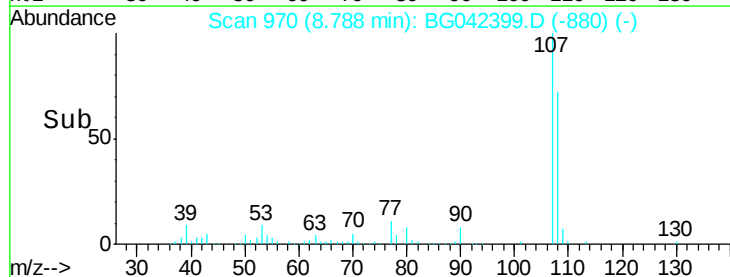
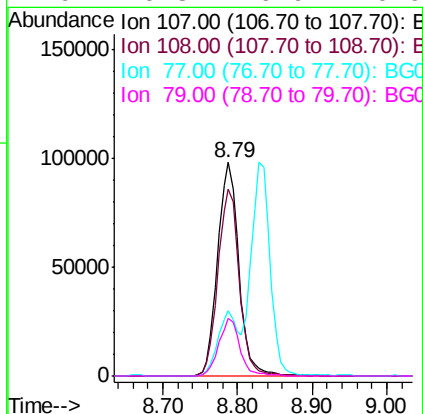
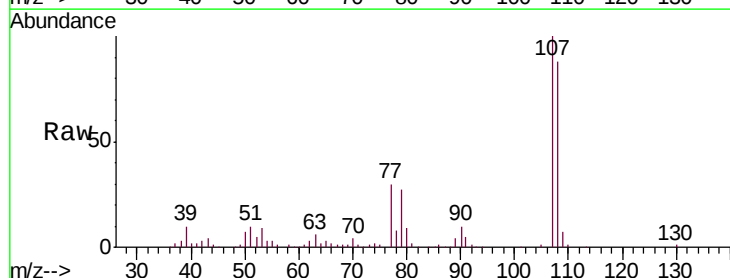
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:	70	Resp:	119674
Ion	Ratio	Lower	Upper
70	100		
42	51.1	38.8	58.2
101	11.1	9.0	13.6
130	25.2	20.0	30.0



#20
3+4-Methylphenols
Concen: 49.628 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

Tgt Ion:	107	Resp:	194472
Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.7	108.7
77	30.4	10.2	50.2
79	26.8	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 239796

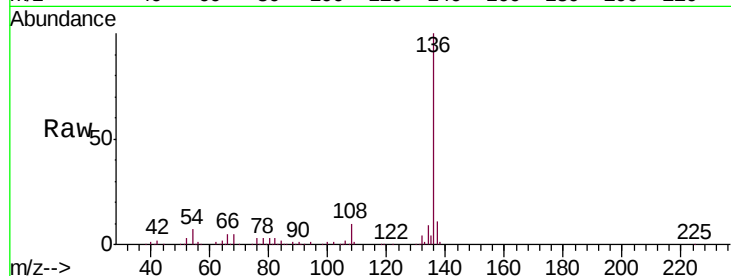
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.7 4.9 7.3

68 4.7 3.6 5.4

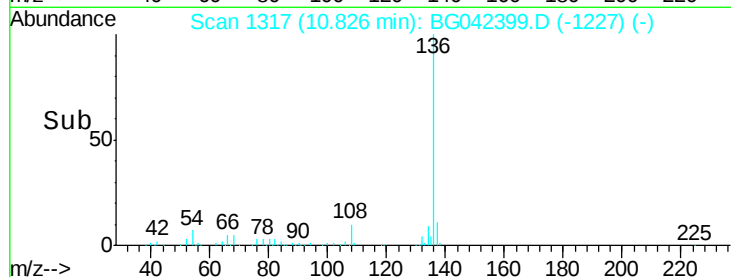


Abundance Ion 136.00 (135.70 to 136.70): E

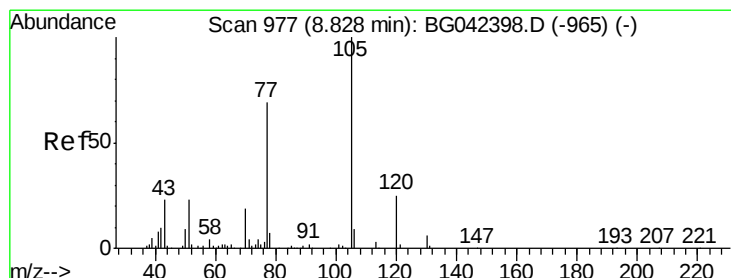
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 48.862 ng

RT: 8.83 min Scan# 978

Delta R.T. 0.01 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Tgt Ion:105 Resp: 248958

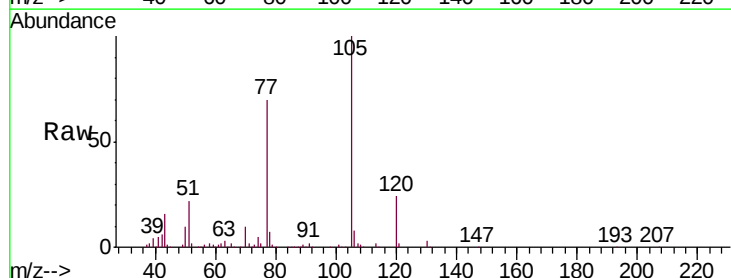
Ion Ratio Lower Upper

105 100

71 1.8 2.8 4.2#

51 22.2 18.7 28.1

120 24.4 20.1 30.1

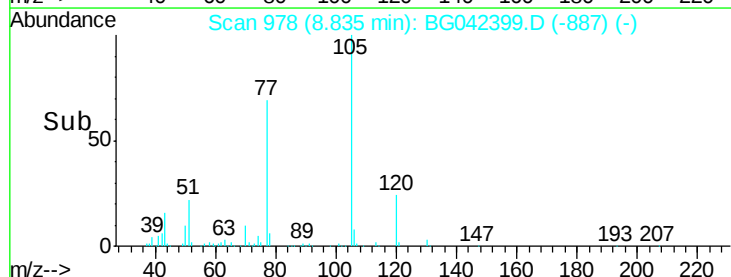


Abundance Ion 105.00 (104.70 to 105.70): E

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



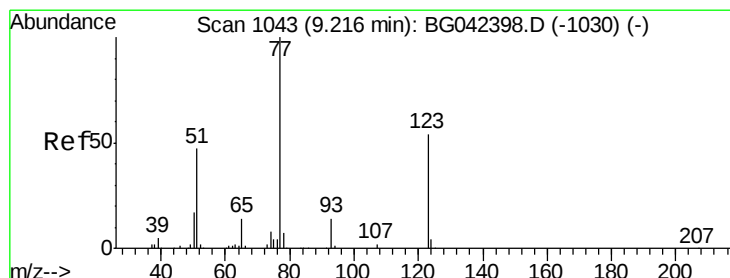
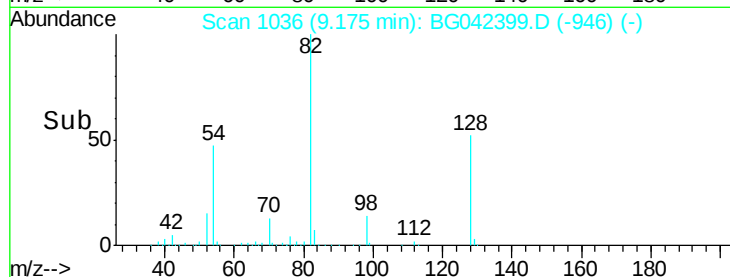
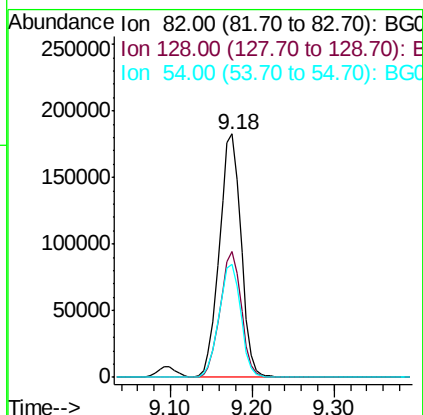
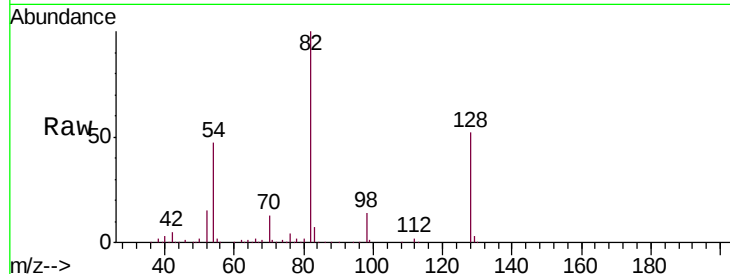
Time-->



#23
 Nitrobenzene-d5
 Concen: 99.123 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

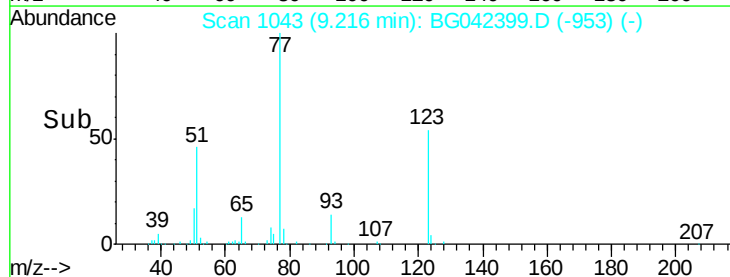
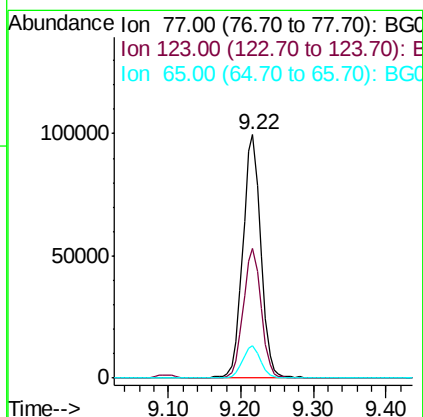
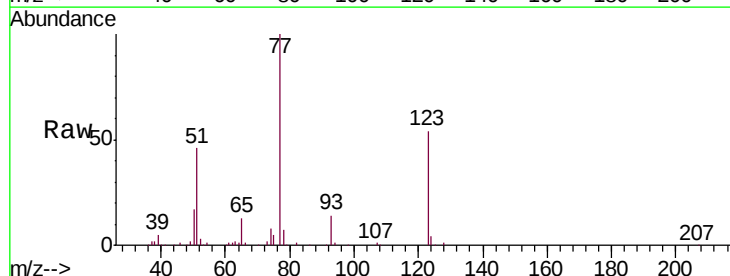
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

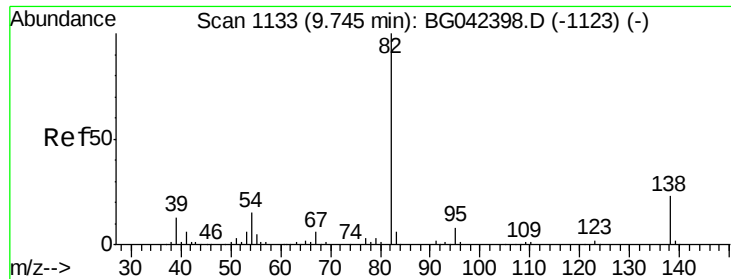
Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.9	40.7	61.1
54	46.6	36.3	54.5



#24
 Nitrobenzene
 Concen: 49.596 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.5	43.4	65.0
65	13.4	11.0	16.6





#25

Isophorone

Concen: 48.815 ng

RT: 9.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

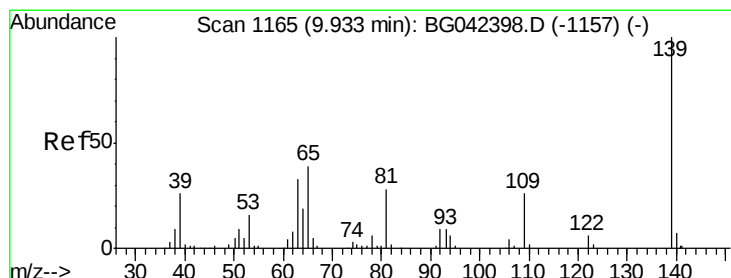
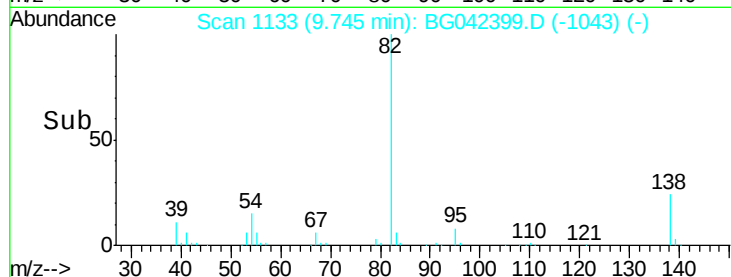
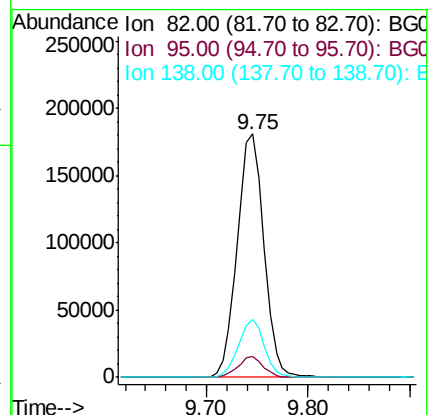
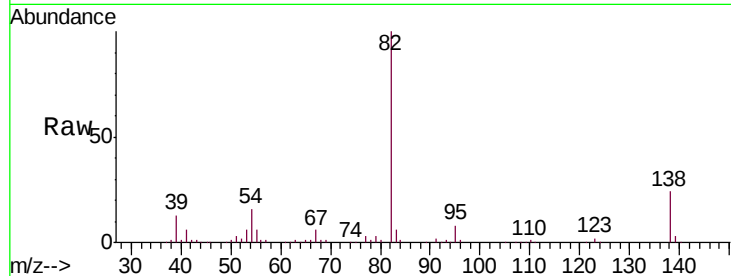
Tgt Ion: 82 Resp: 332808

Ion Ratio Lower Upper

82 100

95 8.4 6.6 9.8

138 23.8 18.6 27.8



#26

2-Nitrophenol

Concen: 50.459 ng

RT: 9.93 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

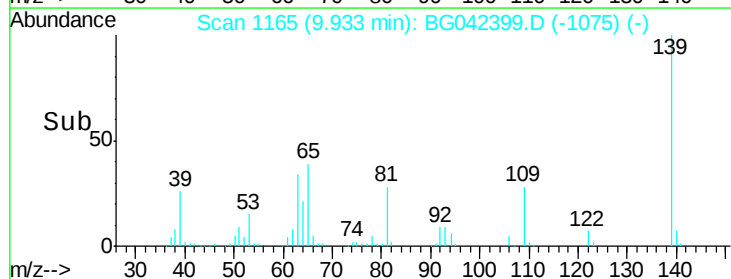
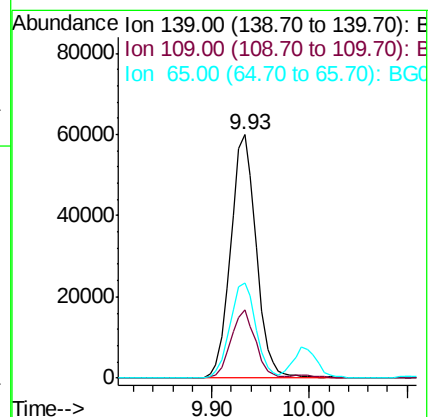
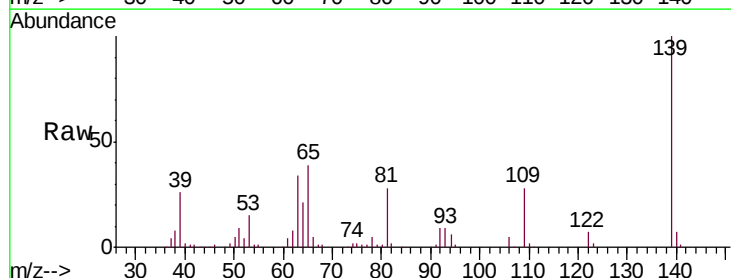
Tgt Ion: 139 Resp: 108974

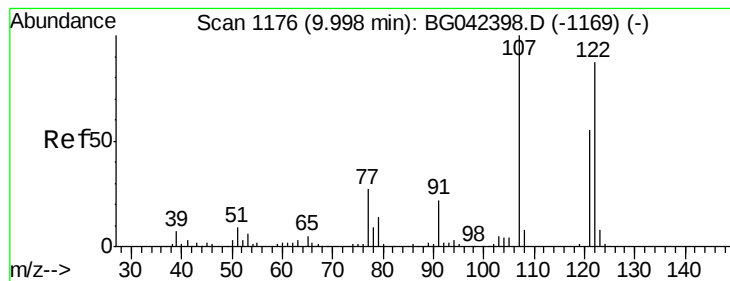
Ion Ratio Lower Upper

139 100

109 27.9 20.5 30.7

65 39.3 30.9 46.3





#27

2,4-Dimethylphenol

Concen: 49.235 ng

RT: 10.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

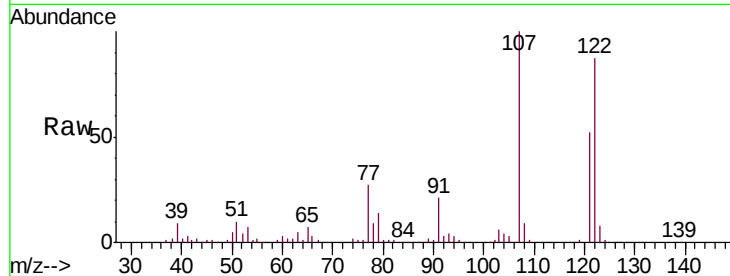
Tgt Ion:122 Resp: 147513

Ion Ratio Lower Upper

122 100

107 115.1 90.8 136.2

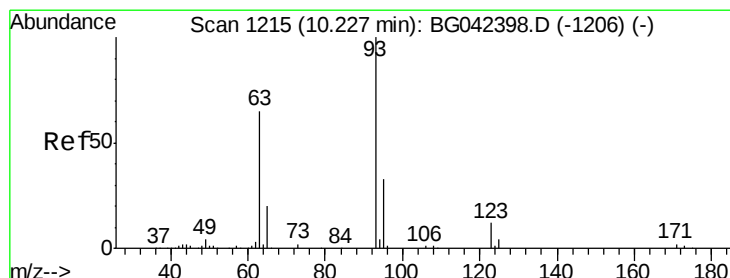
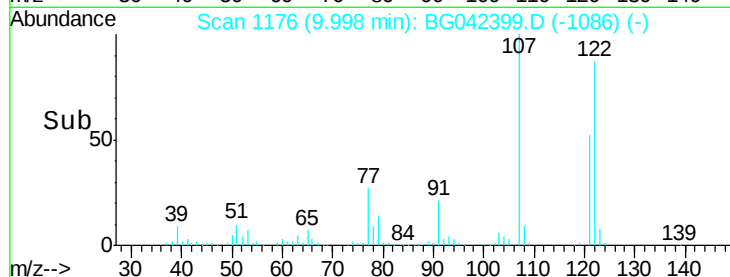
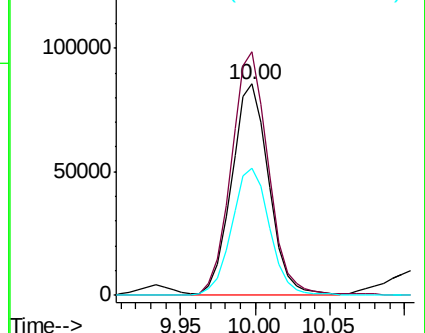
121 59.9 49.6 74.4



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: 48.223 ng

RT: 10.22 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

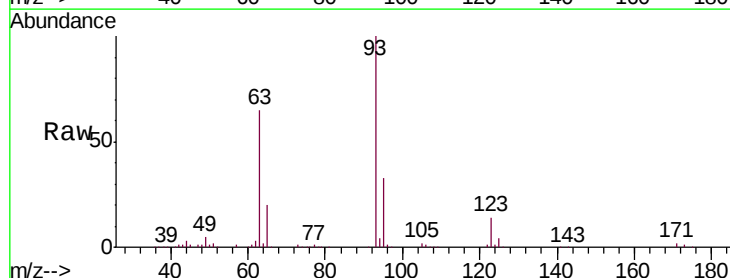
Tgt Ion: 93 Resp: 211773

Ion Ratio Lower Upper

93 100

95 32.6 26.6 40.0

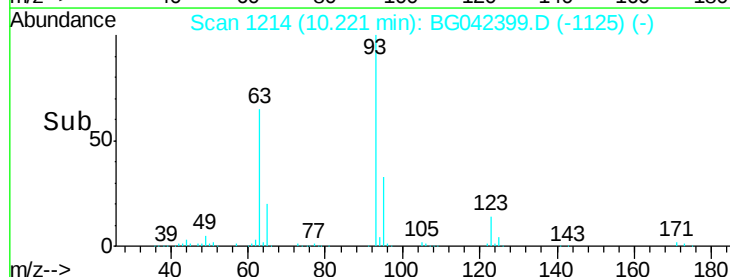
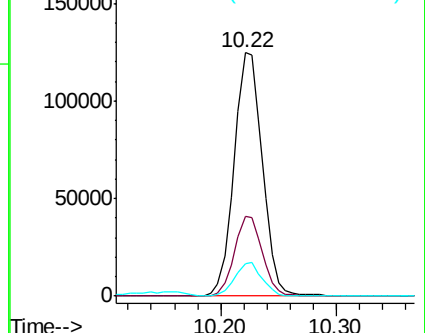
123 13.5 10.1 15.1

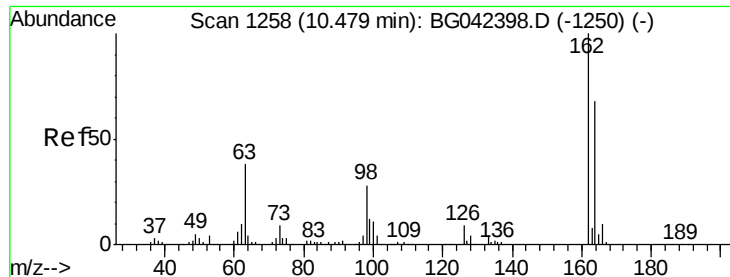


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

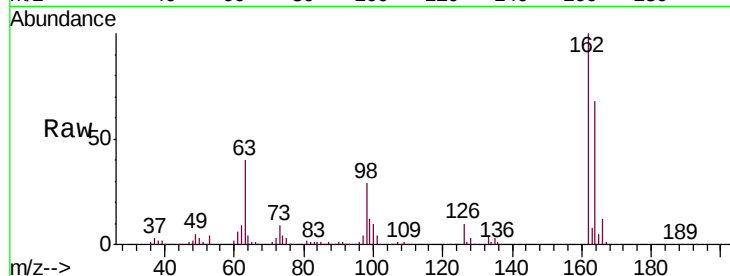




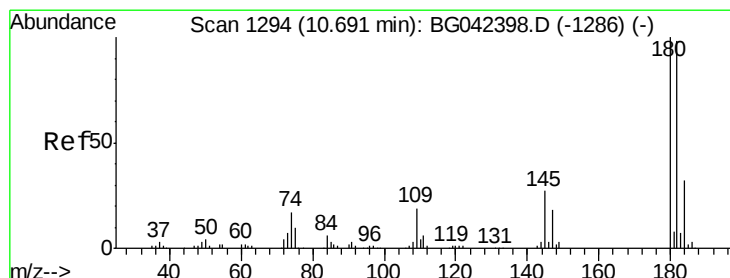
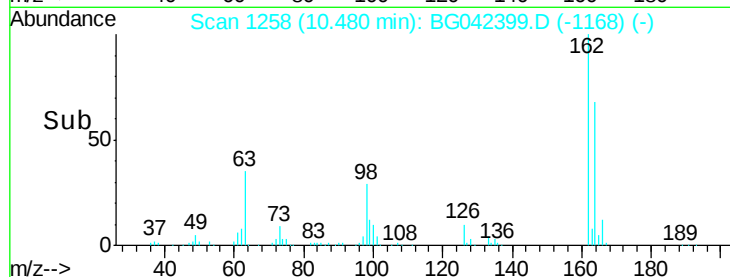
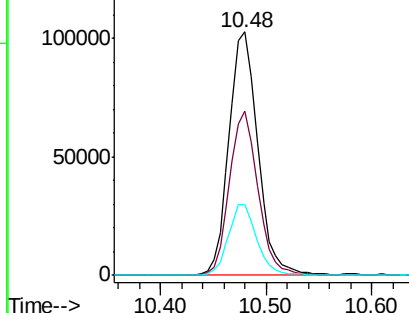
#29
2,4-Dichlorophenol
Concen: 48.967 ng
RT: 10.48 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.6	48.1	88.1
98	29.1	7.6	47.6

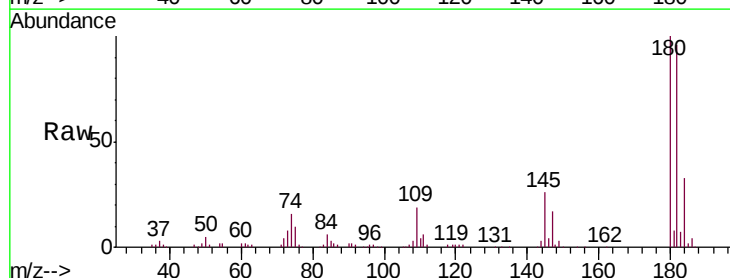


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

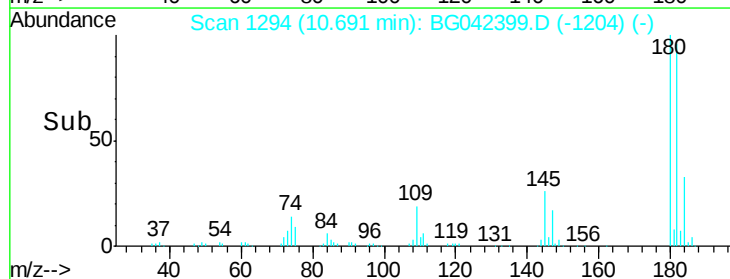
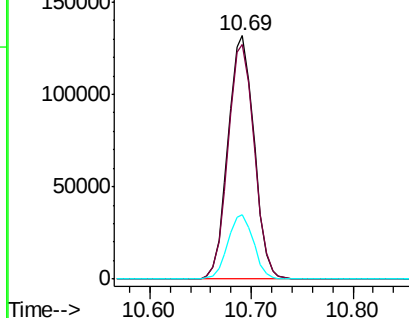


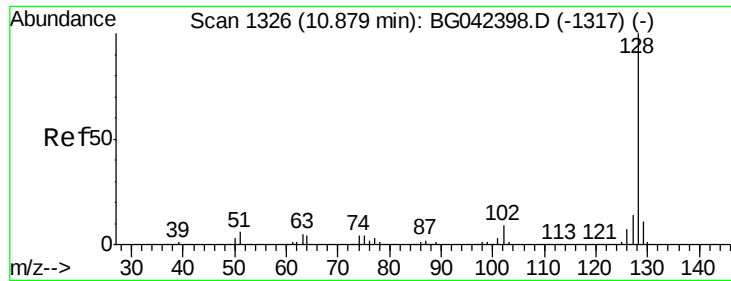
#30
1,2,4-Trichlorobenzene
Concen: 48.327 ng
RT: 10.69 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.7	118.1
145	26.2	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

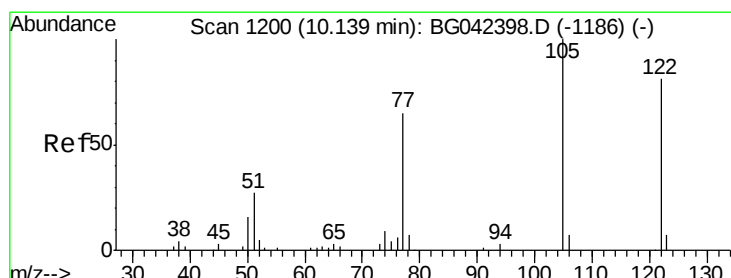
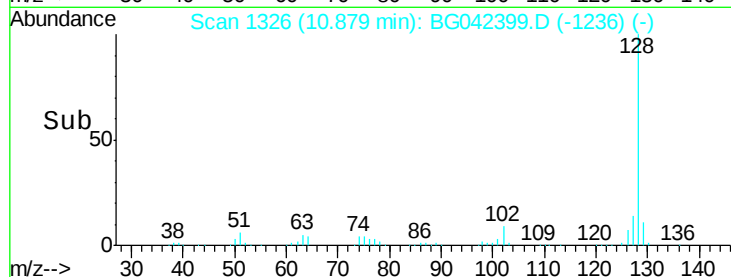
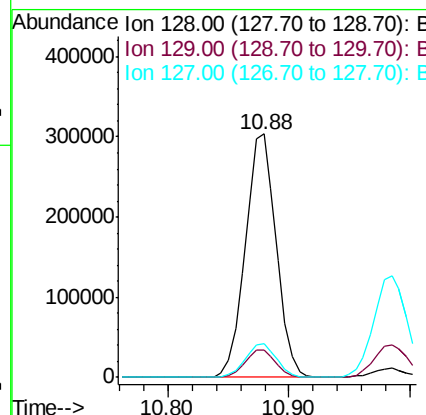
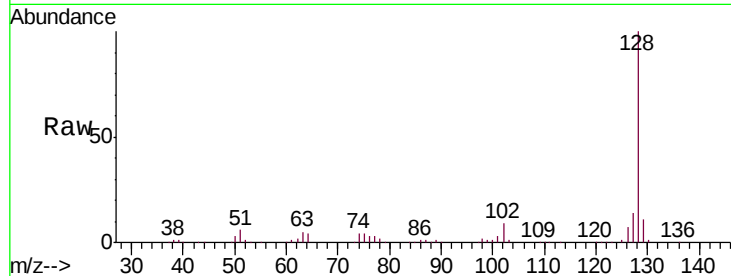




#31
Naphthalene
Concen: 48.576 ng
RT: 10.88 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

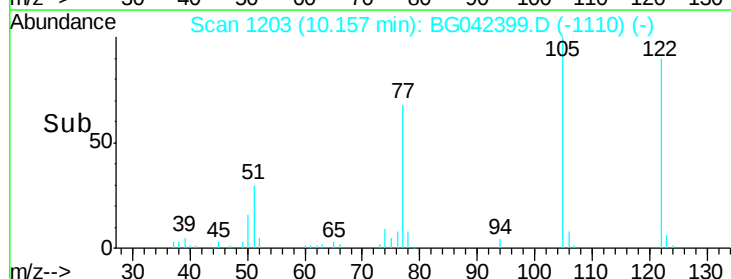
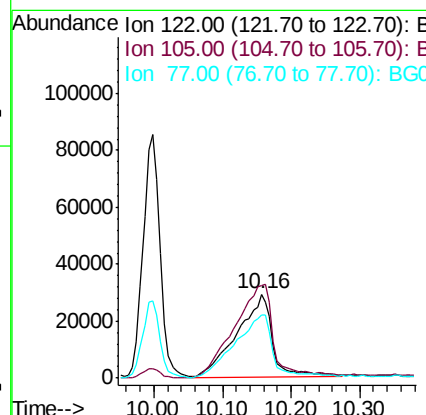
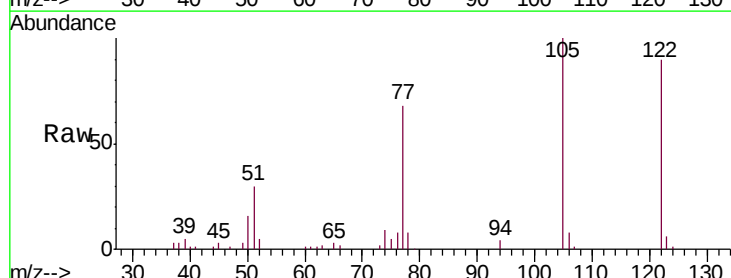
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 539805
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 51.915 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.02 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

Tgt Ion:122 Resp: 103629
Ion Ratio Lower Upper
122 100
105 110.7 99.6 139.6
77 74.9 59.5 99.5

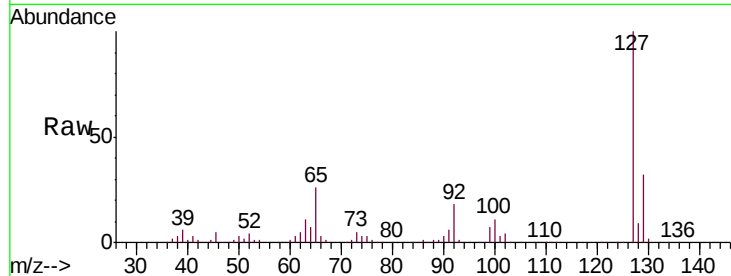




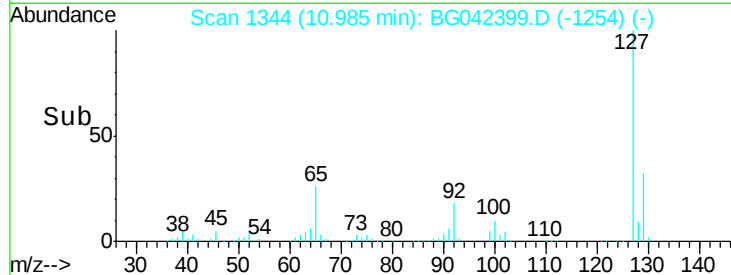
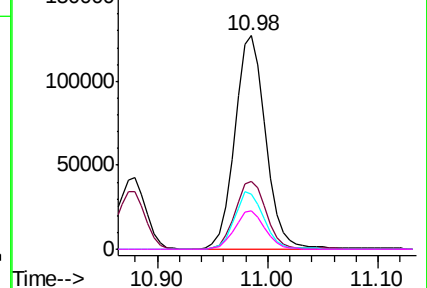
#33
4-Chloroaniline
Concen: 49.421 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tgt Ion:	127	Resp:	250439
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.8	40.2
65	25.8	20.7	31.1
92	17.9	13.6	20.4

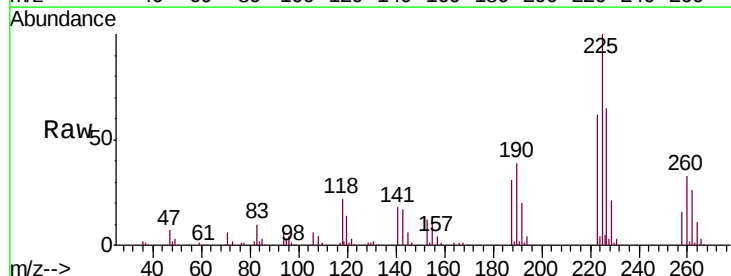


Abundance Ion 127.00 (126.70 to 127.70): E
200000
Ion 129.00 (128.70 to 129.70): E
150000
Ion 65.00 (64.70 to 65.70): BG
100000
Ion 92.00 (91.70 to 92.70): BG
50000
0

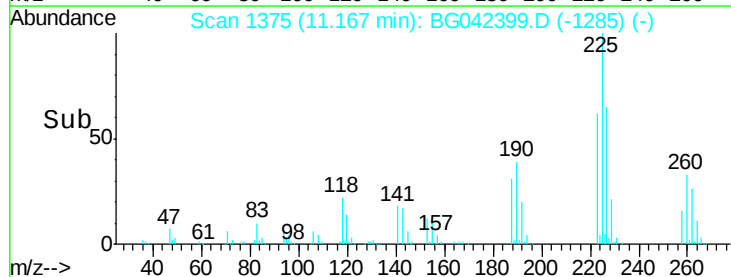
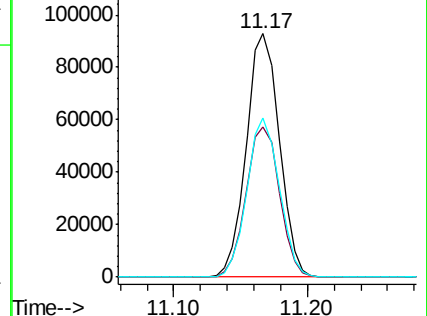


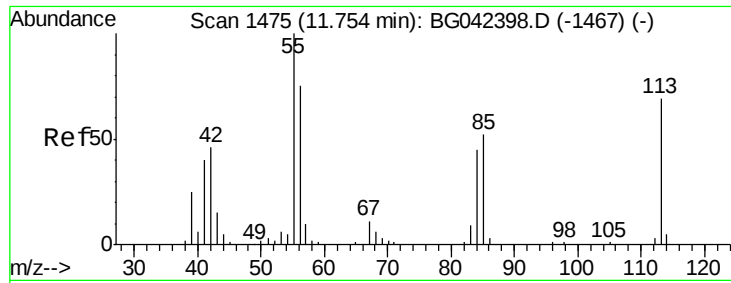
#34
Hexachlorobutadiene
Concen: 48.659 ng
RT: 11.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

Tgt Ion:	225	Resp:	158786
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.8	74.6
227	65.3	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
120000
Ion 223.00 (222.70 to 223.70): E
100000
Ion 227.00 (226.70 to 227.70): E
80000
60000
40000
20000
0

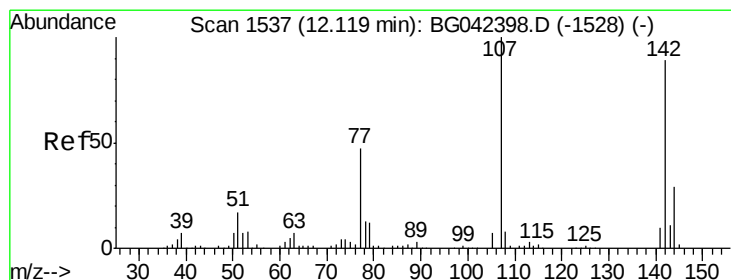
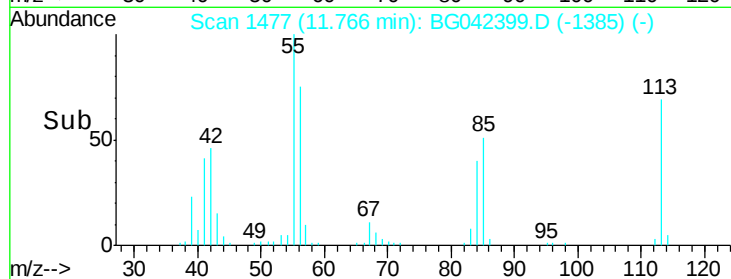
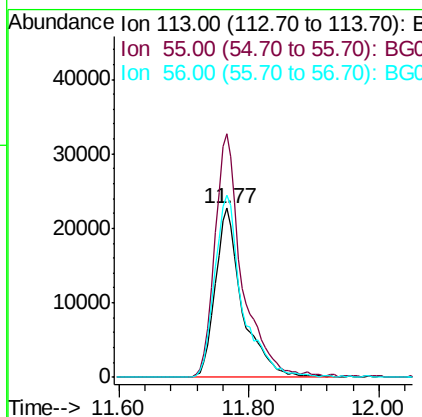
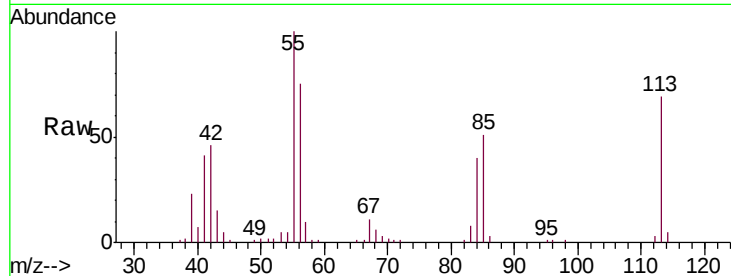




#35
 Caprolactam
 Concen: 51.549 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

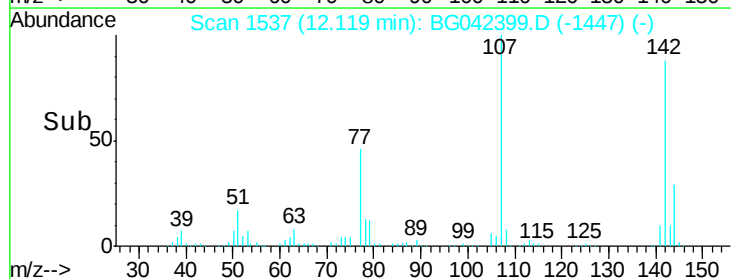
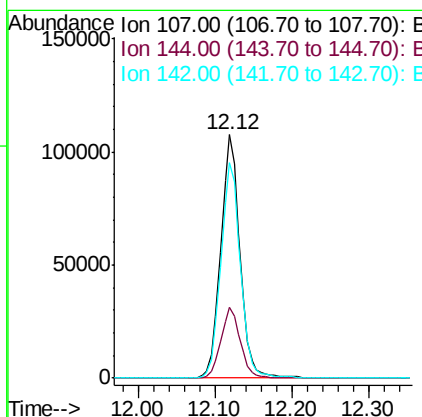
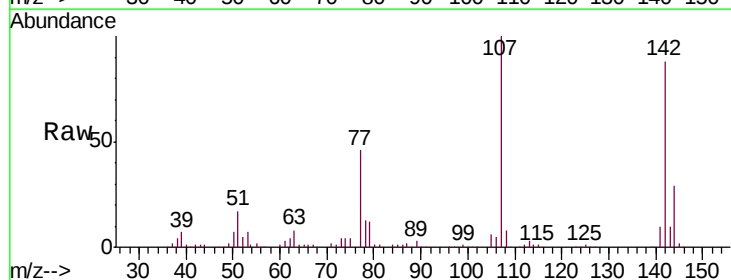
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tgt Ion:113 Resp: 65450
 Ion Ratio Lower Upper
 113 100
 55 144.1 124.6 164.6
 56 107.6 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 49.953 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

Tgt Ion:107 Resp: 186003
 Ion Ratio Lower Upper
 107 100
 144 29.2 23.6 35.4
 142 88.3 71.0 106.4

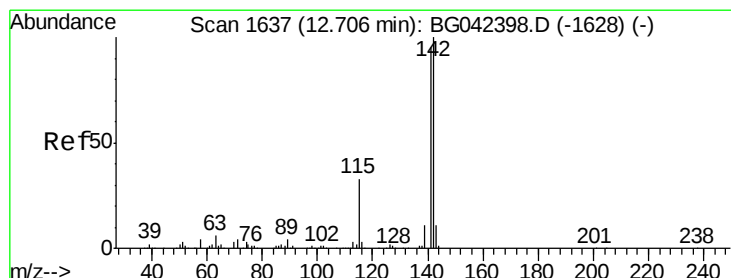
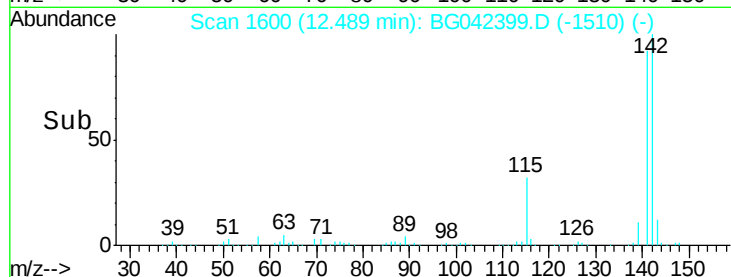
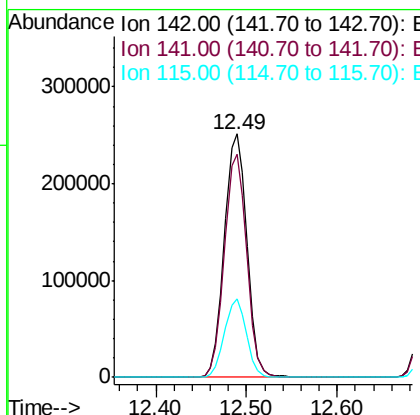
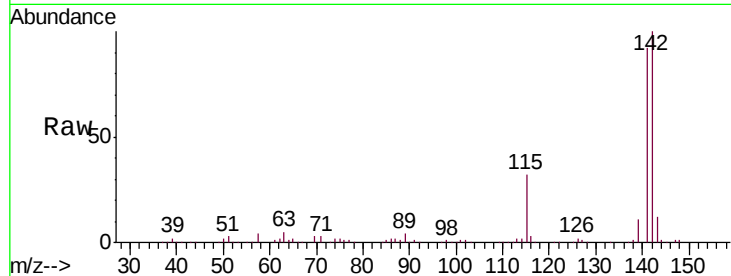




#37
2-Methylnaphthalene
Concen: 48.816 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

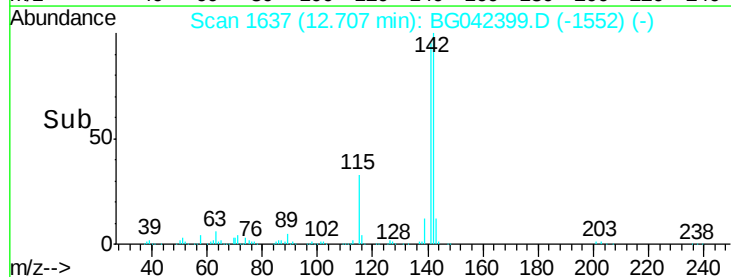
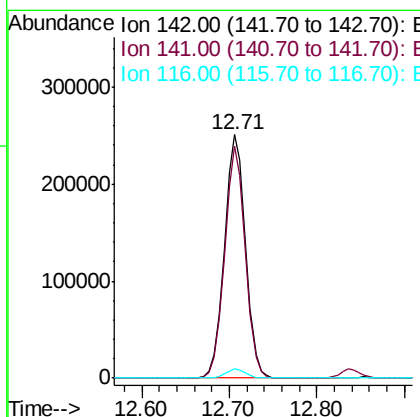
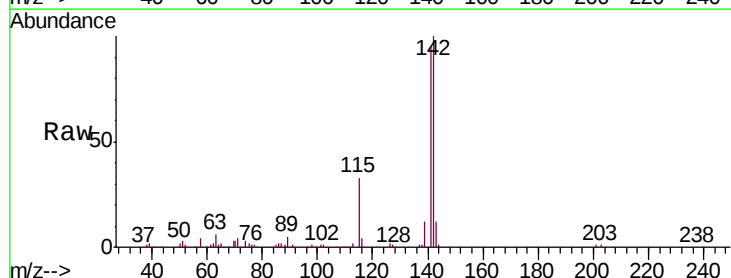
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

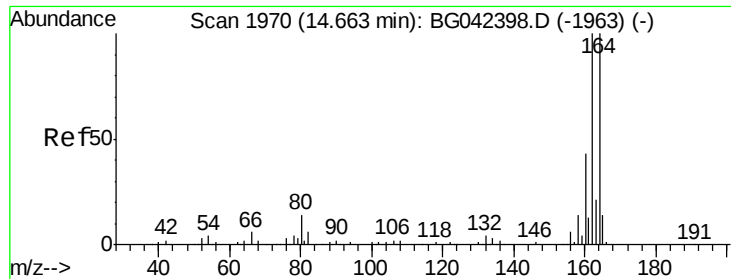
Tgt Ion:142 Resp: 434854
Ion Ratio Lower Upper
142 100
141 91.9 71.4 107.2
115 32.3 25.2 37.8



#38
1-Methylnaphthalene
Concen: 48.872 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

Tgt Ion:142 Resp: 414688
Ion Ratio Lower Upper
142 100
141 95.4 76.2 114.2
116 3.8 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

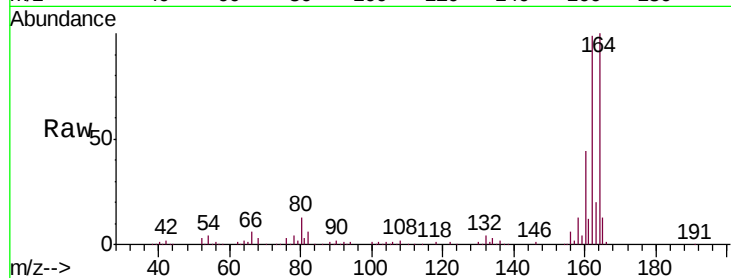
Tgt Ion:164 Resp: 181114

Ion Ratio Lower Upper

164 100

162 99.2 79.9 119.9

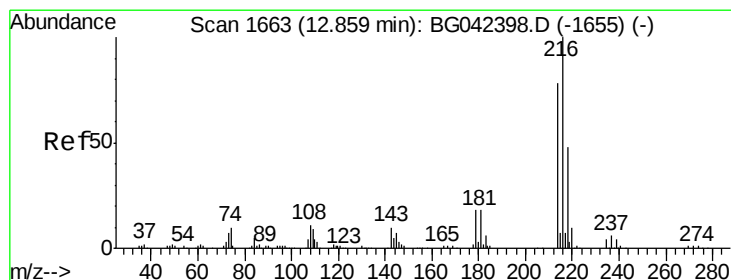
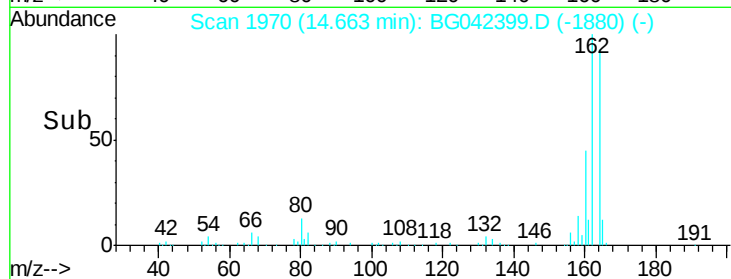
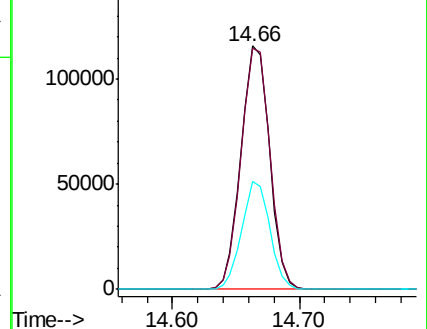
160 44.4 34.3 51.5



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: 47.859 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Tgt Ion:216 Resp: 279392

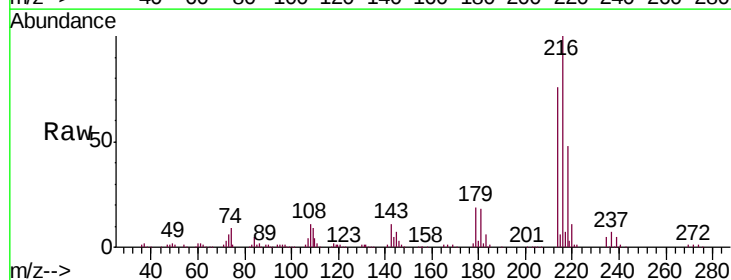
Ion Ratio Lower Upper

216 100

214 77.5 61.4 92.2

179 18.9 15.1 22.7

108 12.2 9.4 14.0

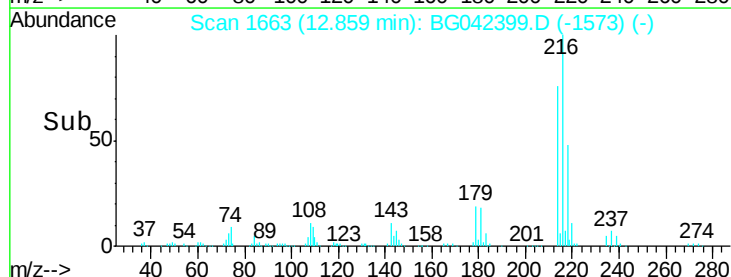
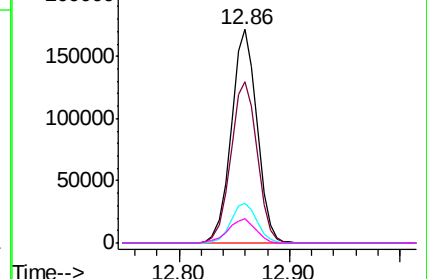


Abundance Ion 216.00 (215.70 to 216.70): E

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: 52.085 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

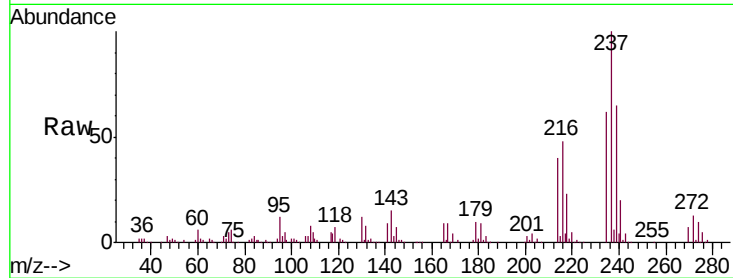
Tgt Ion:237 Resp: 153984

Ion Ratio Lower Upper

237 100

235 62.0 43.7 83.7

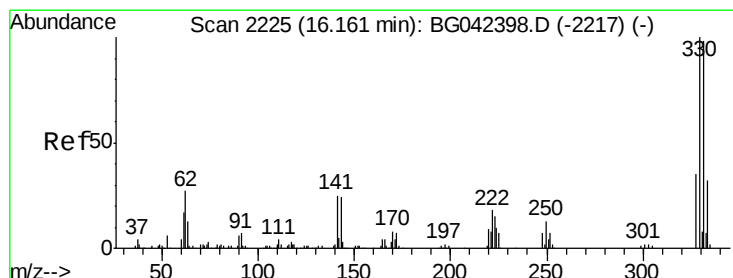
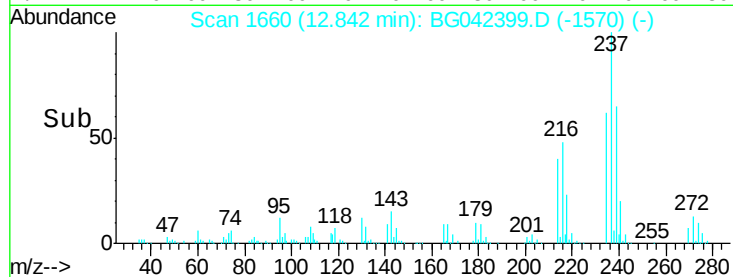
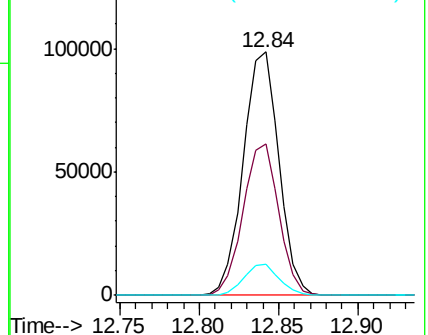
272 12.9 0.0 33.3



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: 101.678 ng

RT: 16.16 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

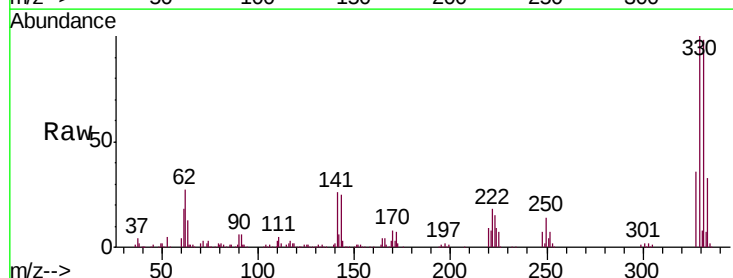
Tgt Ion:330 Resp: 250812

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

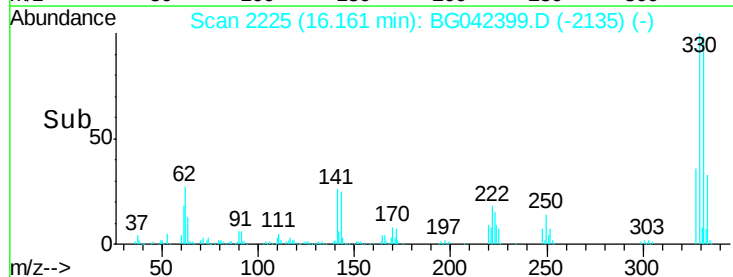
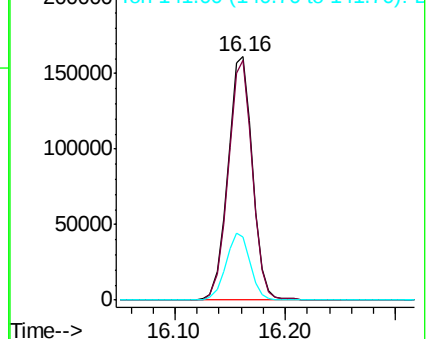
141 27.4 21.4 32.0



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

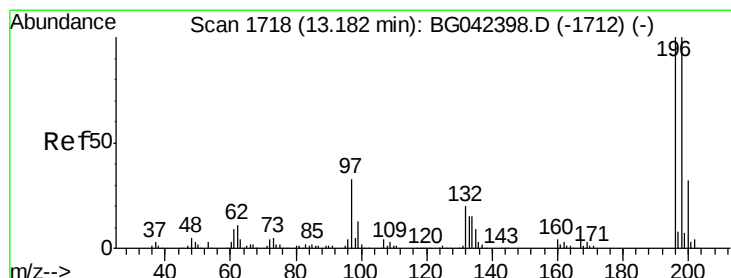
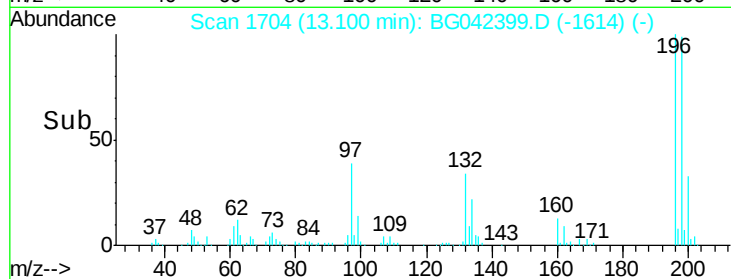
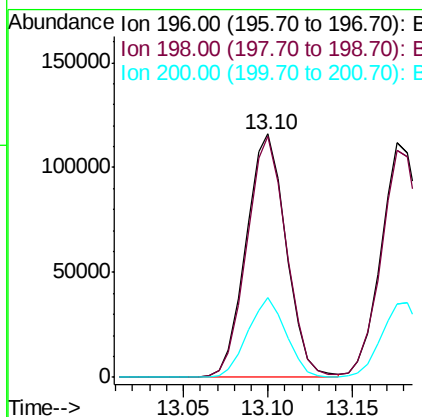
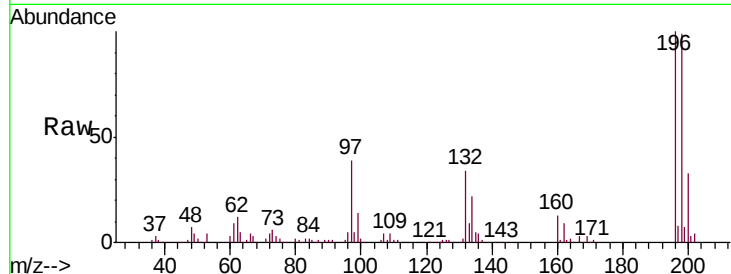




#43
 2,4,6-Trichlorophenol
 Concen: 48.931 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

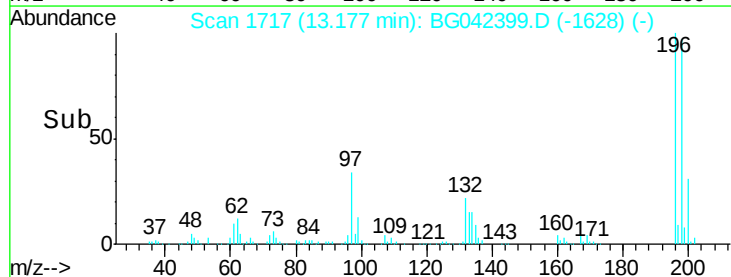
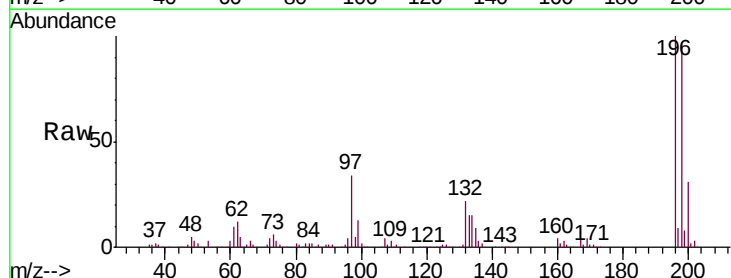
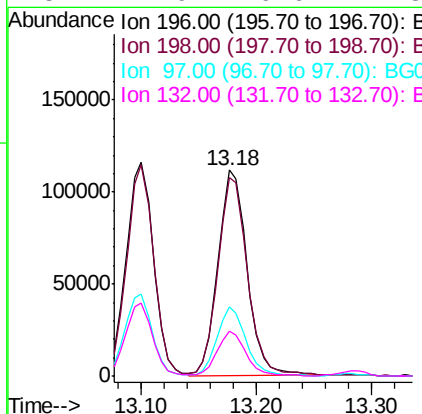
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

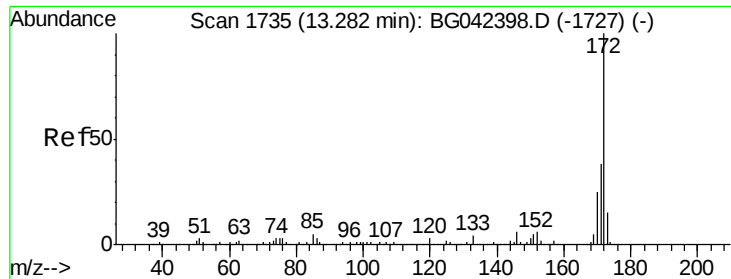
Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	80.7	121.1
200	32.7	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 48.412 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	80.2	120.4
97	33.7	26.3	39.5
132	21.9	16.6	24.8

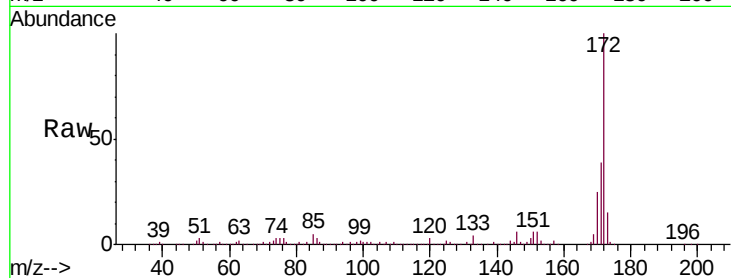




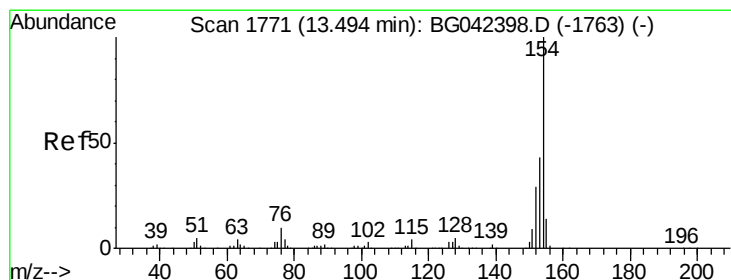
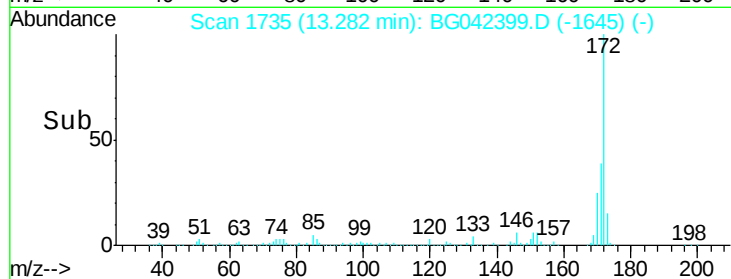
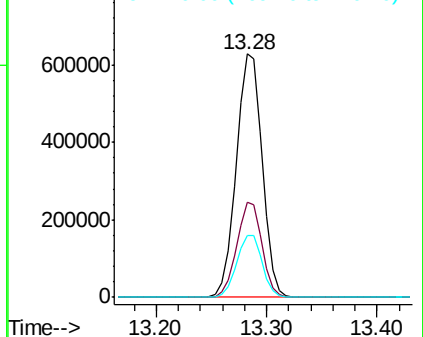
#45
 2-Fluorobiphenyl
 Concen: 96.546 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tgt Ion:172 Resp: 1033340
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.5 45.7
 170 25.5 20.2 30.2

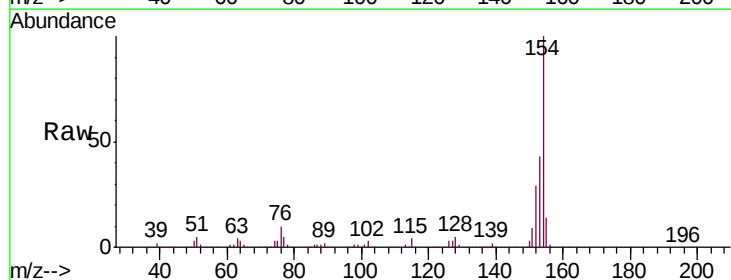


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

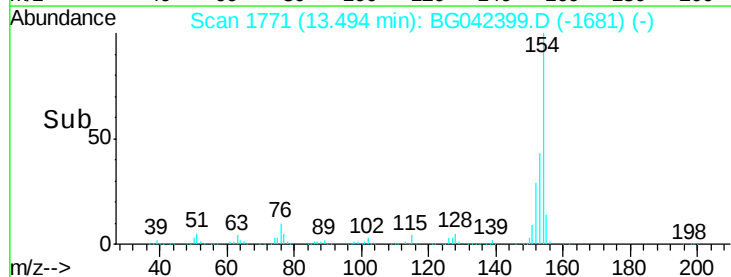
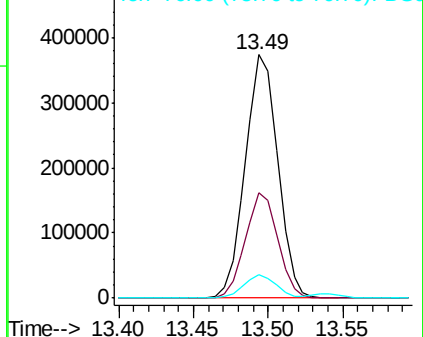


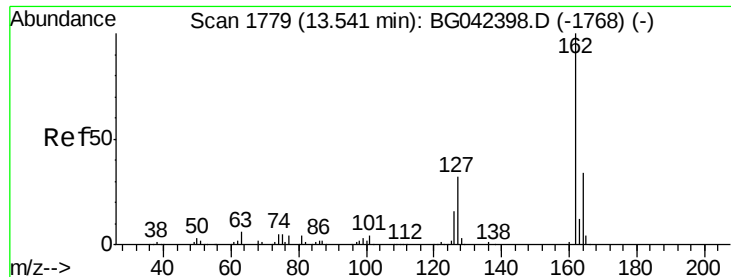
#46
 1,1'-Biphenyl
 Concen: 47.710 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. 0.00 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

Tgt Ion:154 Resp: 563748
 Ion Ratio Lower Upper
 154 100
 153 43.2 23.0 63.0
 76 9.7 0.0 29.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG0

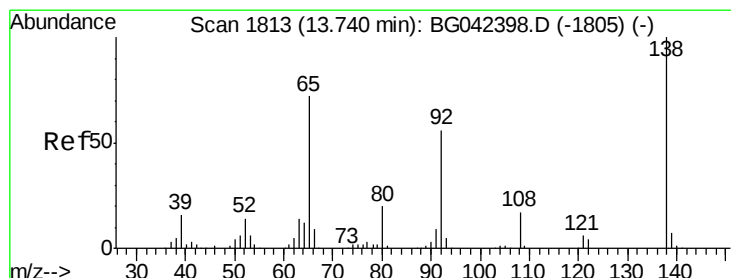
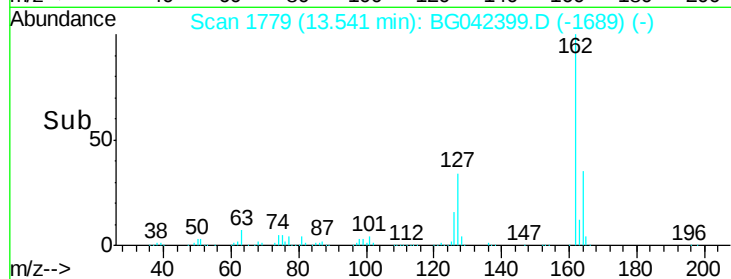
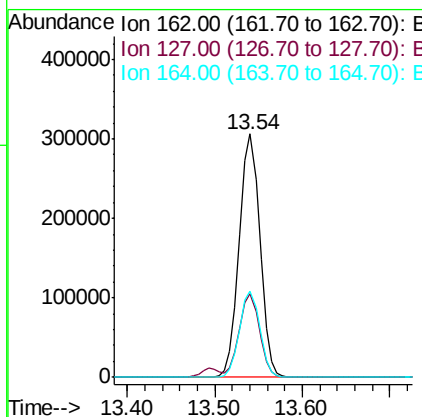
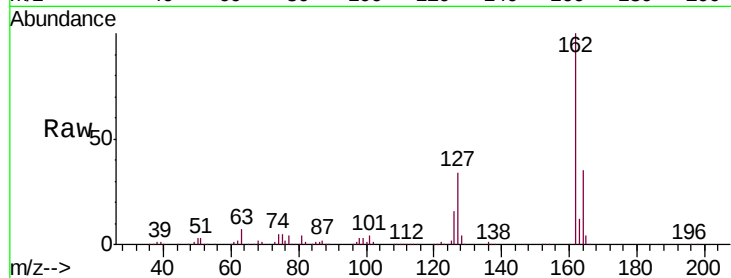




#47
2-Chloronaphthalene
Concen: 48.262 ng
RT: 13.54 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

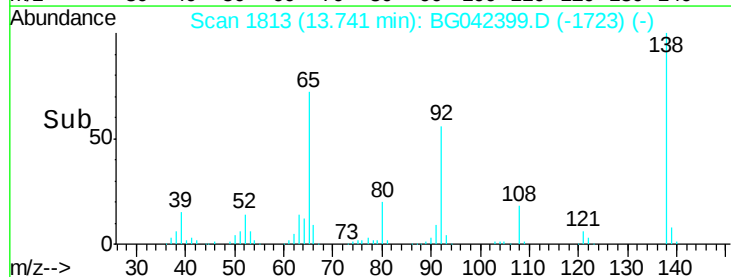
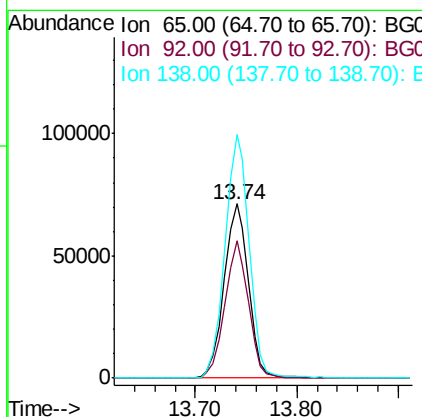
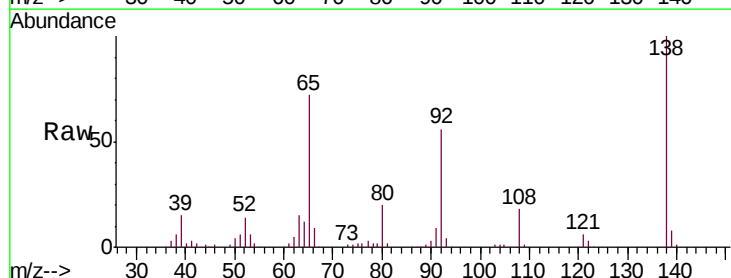
Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.1	26.0	39.0
164	35.2	27.4	41.0



#48
2-Nitroaniline
Concen: 49.937 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.7	61.8	92.6
138	139.9	111.0	166.6





#49

Acenaphthylene

Concen: 48.509 ng

RT: 14.39 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

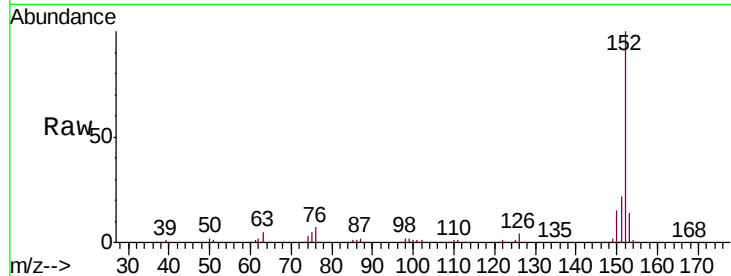
Tgt Ion:152 Resp: 734609

Ion Ratio Lower Upper

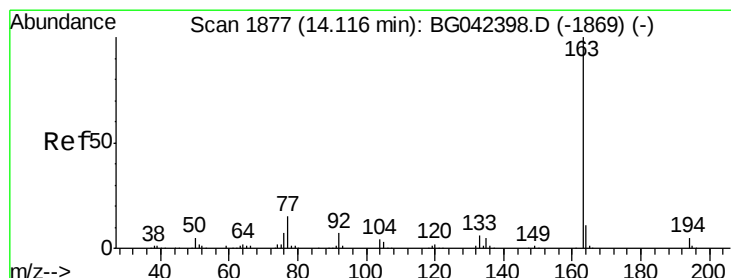
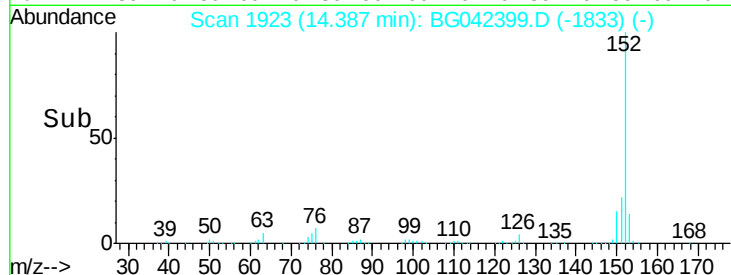
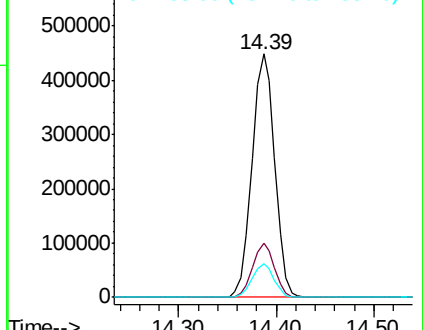
152 100

151 22.0 17.0 25.4

153 13.9 10.6 16.0



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



#50

Dimethylphthalate

Concen: 49.123 ng

RT: 14.12 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

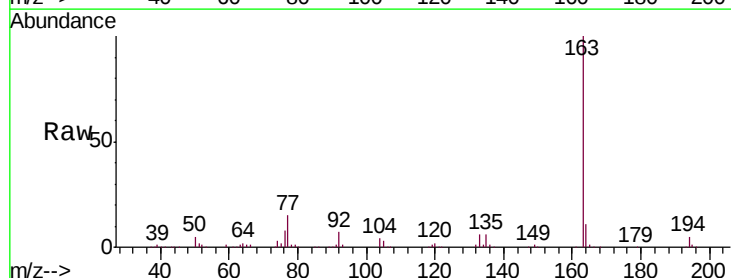
Tgt Ion:163 Resp: 632184

Ion Ratio Lower Upper

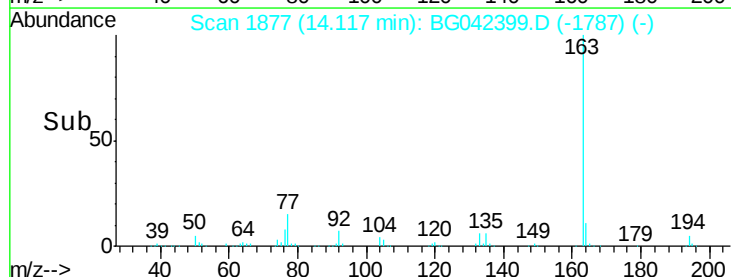
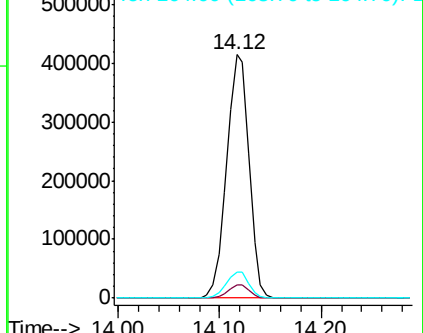
163 100

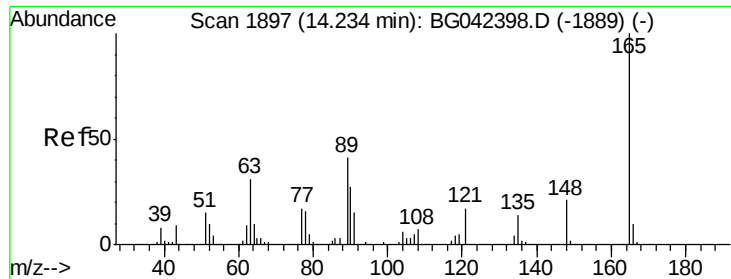
194 5.5 4.2 6.2

164 10.9 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.439 ng

RT: 14.23 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

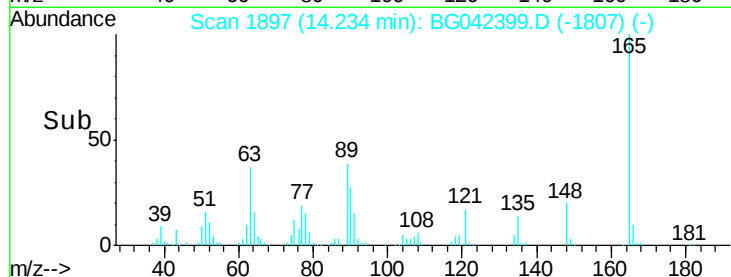
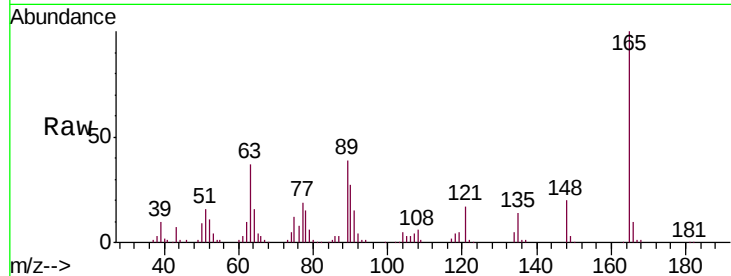
Tgt Ion:165 Resp: 148911

Ion Ratio Lower Upper

165 100

63 36.9 30.6 45.8

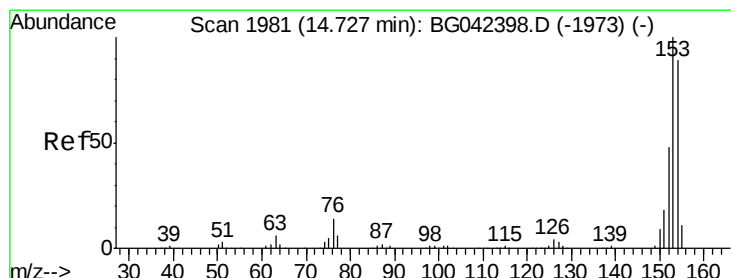
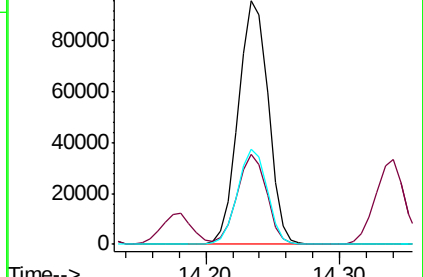
89 39.2 32.6 49.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 48.574 ng

RT: 14.73 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

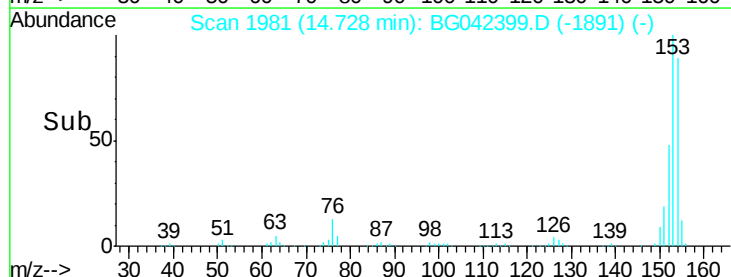
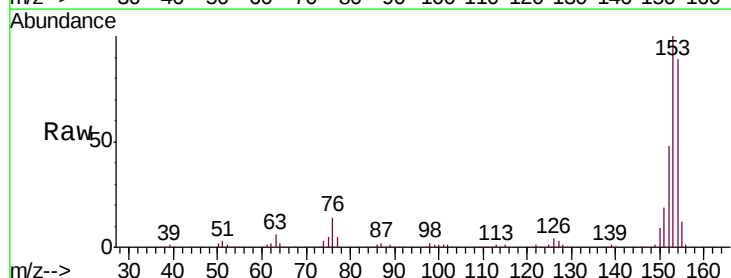
Tgt Ion:154 Resp: 448728

Ion Ratio Lower Upper

154 100

153 112.9 90.2 135.4

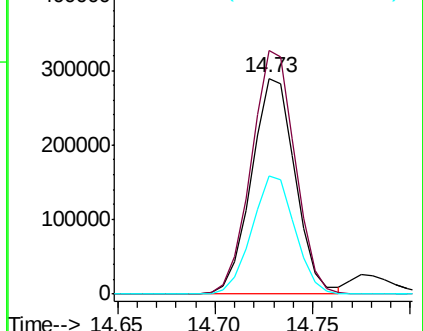
152 54.6 43.2 64.8



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: 50.004 ng

RT: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

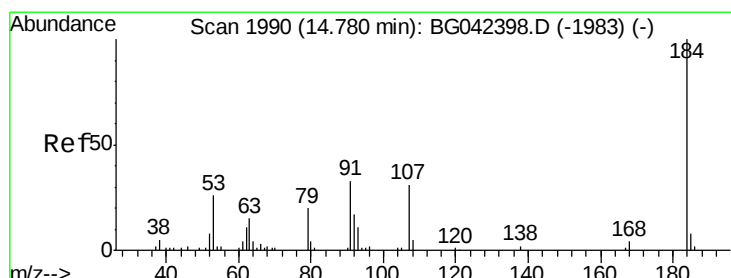
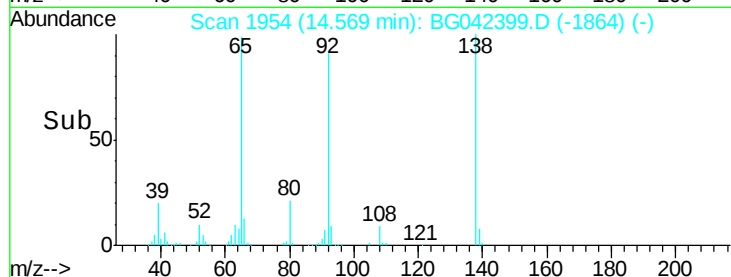
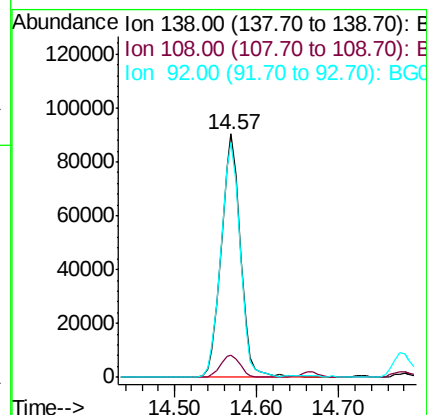
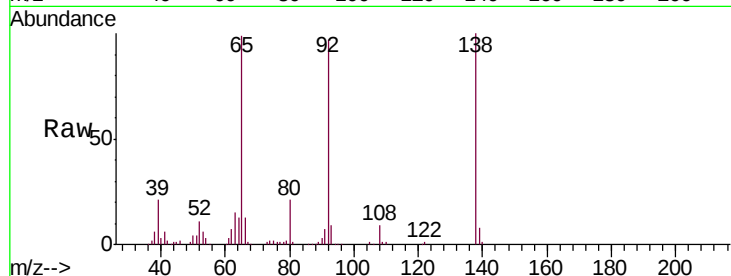
Tgt Ion:138 Resp: 148095

Ion Ratio Lower Upper

138 100

108 9.0 8.3 12.5

92 96.6 78.2 117.4



#54

2,4-Dinitrophenol

Concen: 54.936 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

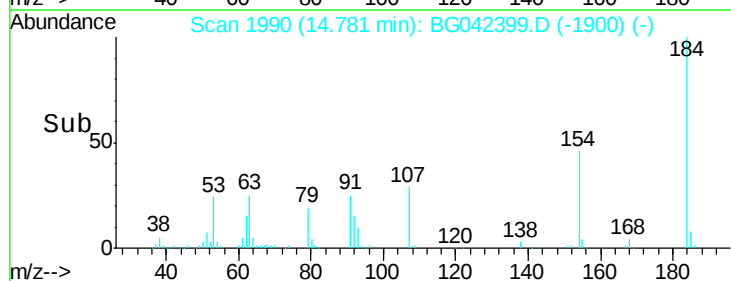
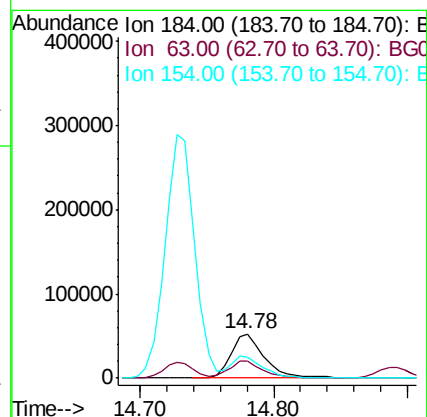
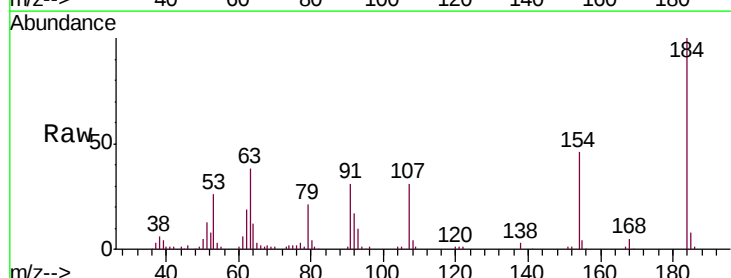
Tgt Ion:184 Resp: 91858

Ion Ratio Lower Upper

184 100

63 38.0 31.7 47.5

154 46.5 42.0 63.0

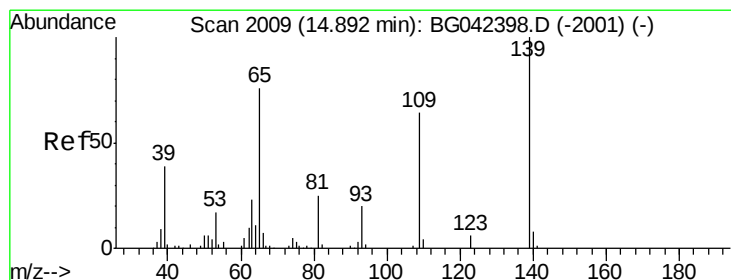
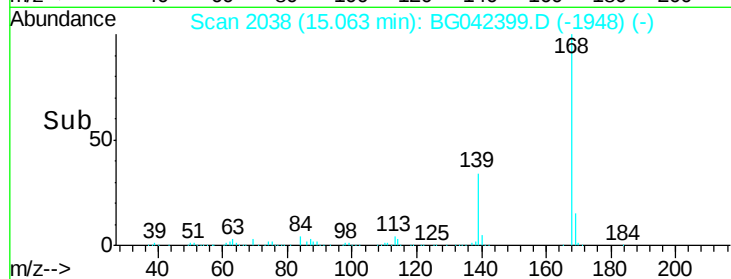
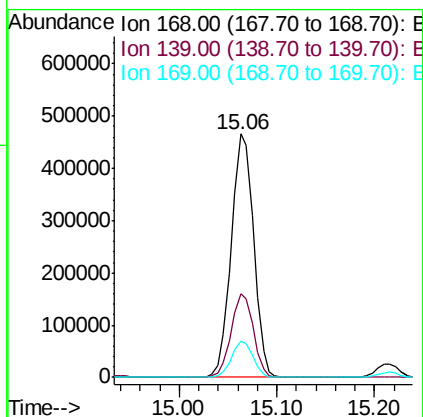
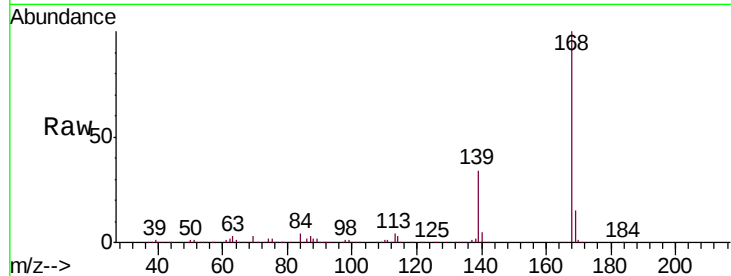




#55
Dibenzenofuran
Concen: 49.283 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

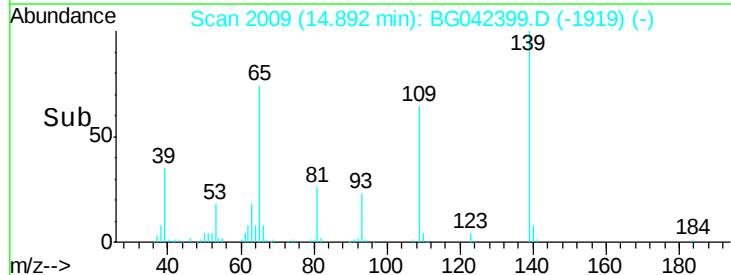
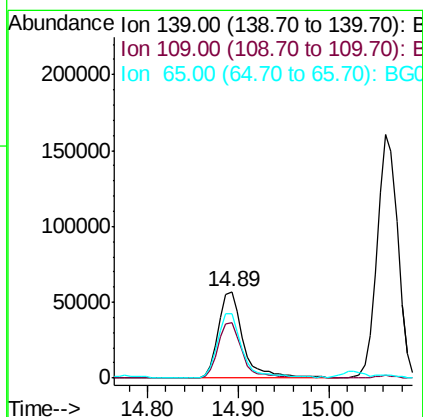
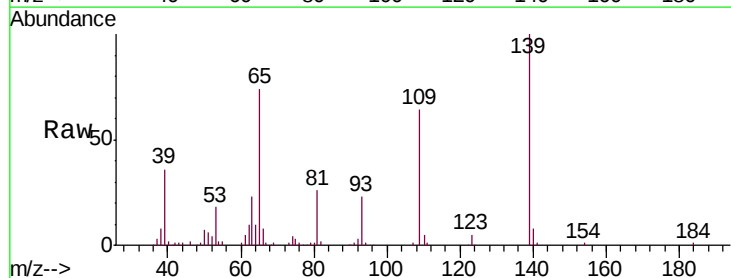
Instrument :
BNA_G
ClientSampleId :
SSTDIC050

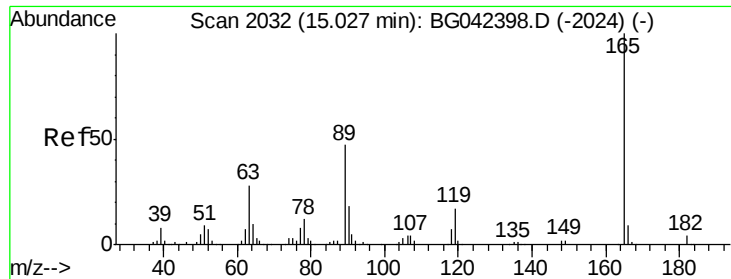
Tgt Ion:168 Resp: 741584
Ion Ratio Lower Upper
168 100
139 34.4 27.2 40.8
169 14.7 11.5 17.3



#56
4-Nitrophenol
Concen: 50.811 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

Tgt Ion:139 Resp: 108563
Ion Ratio Lower Upper
139 100
109 64.3 43.9 83.9
65 74.3 56.3 96.3

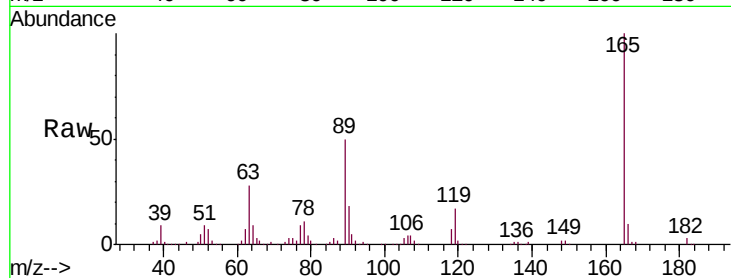




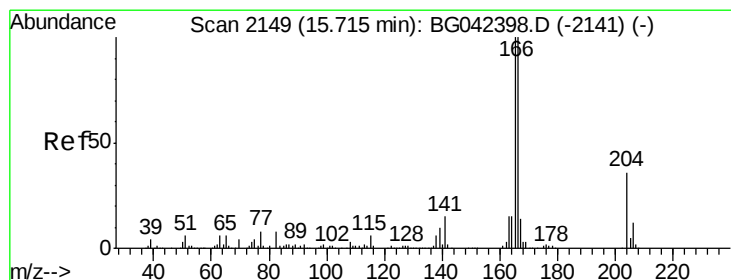
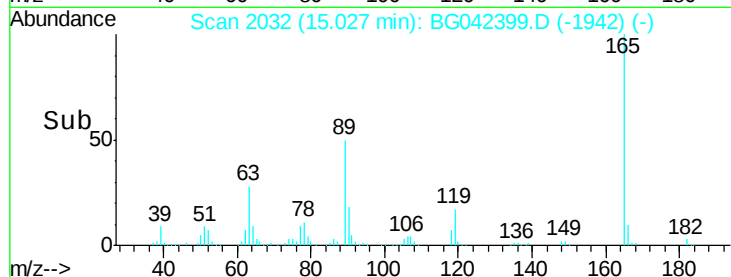
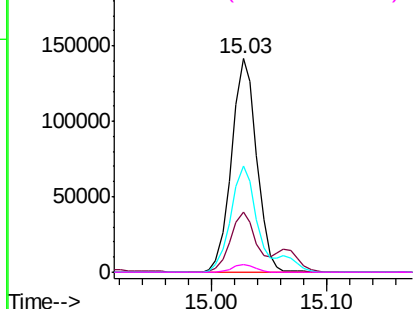
#57
 2,4-Dinitrotoluene
 Concen: 50.615 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tgt Ion:	165	Resp:	213147
Ion	Ratio	Lower	Upper
165	100		
63	28.4	22.5	33.7
89	50.0	37.8	56.6
182	3.5	3.0	4.4

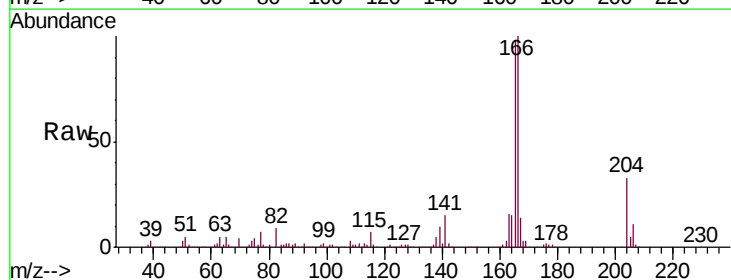


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

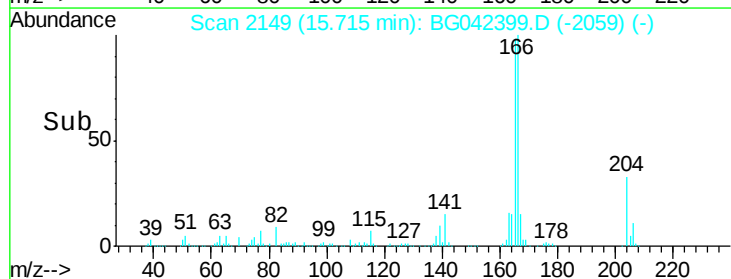
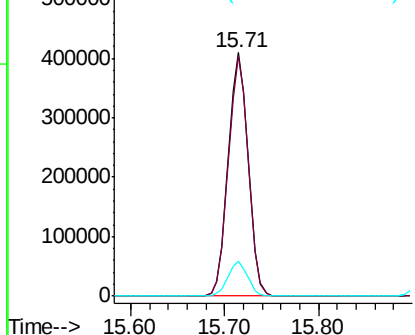


#58
 Fluorene
 Concen: 49.469 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

Tgt Ion:	166	Resp:	605551
Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.7	119.5
167	14.5	10.9	16.3



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

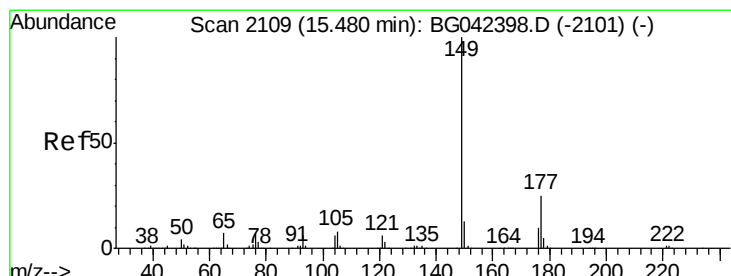
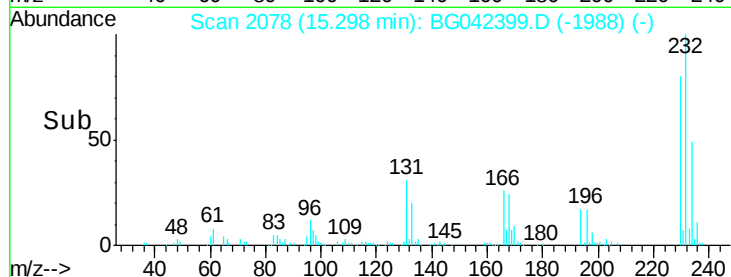
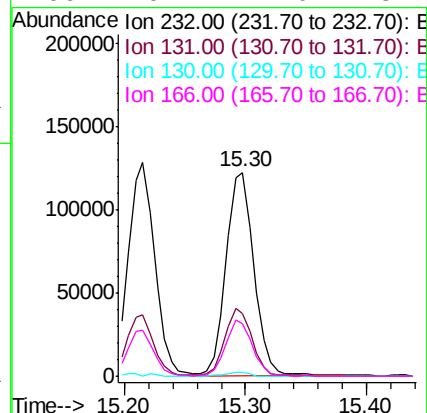
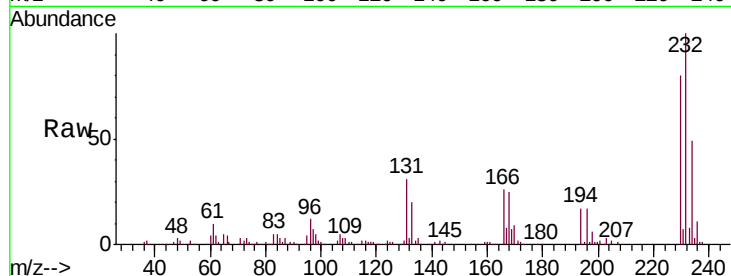




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.058 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

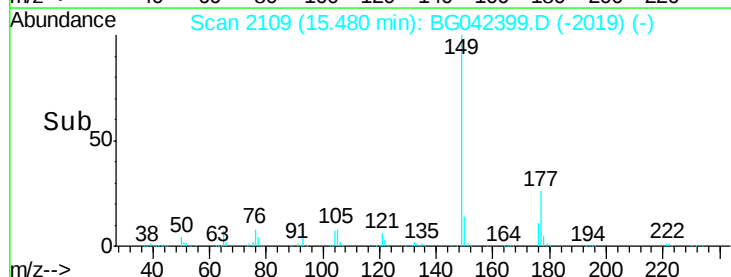
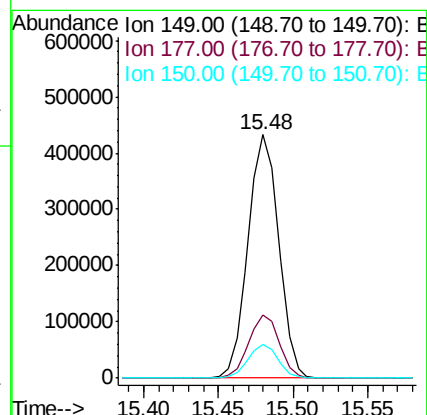
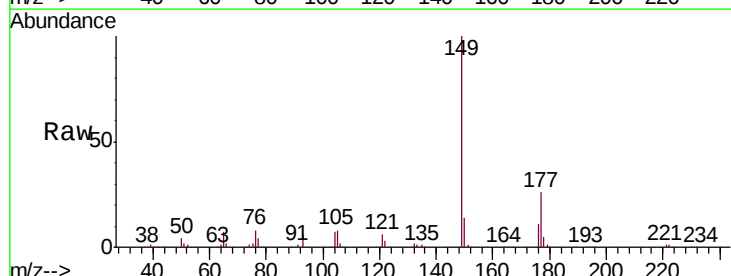
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

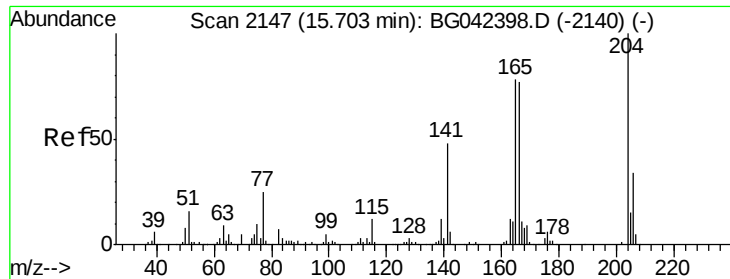
Tgt Ion:	232	Resp:	195651
Ion	Ratio	Lower	Upper
232	100		
131	32.2	22.9	34.3
130	1.8	1.4	2.0
166	26.2	17.0	25.4



#60
 Diethylphthalate
 Concen: 49.401 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

Tgt Ion:	149	Resp:	615089
Ion	Ratio	Lower	Upper
149	100		
177	26.1	20.4	30.6
150	13.9	10.3	15.5

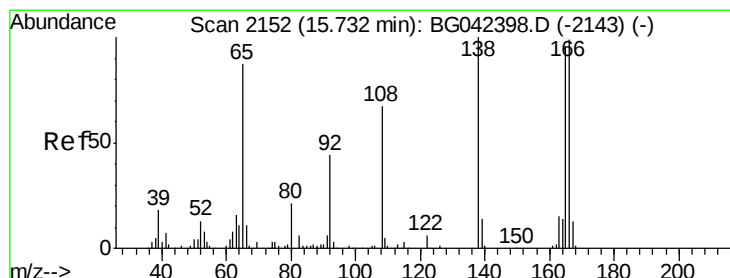
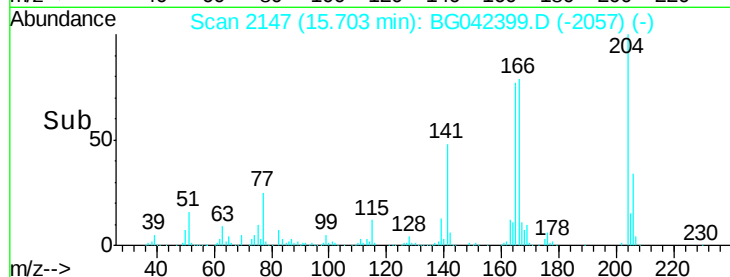
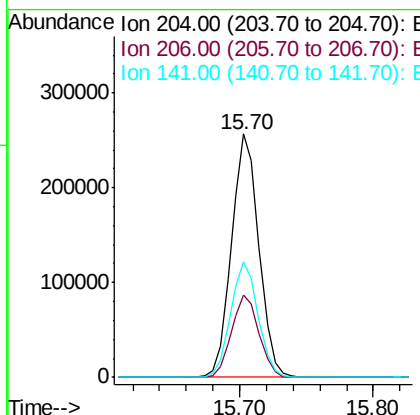
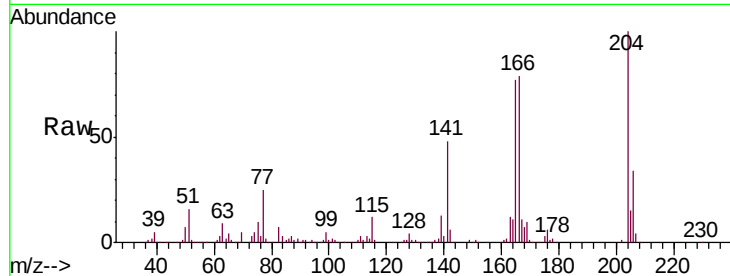




#61
 4-Chlorophenyl-phenylether
 Concen: 49.672 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

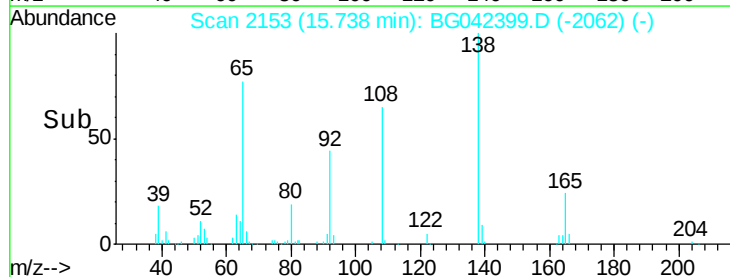
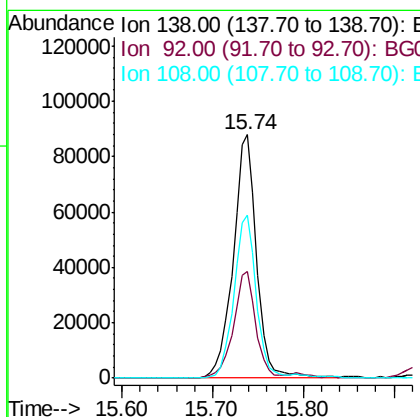
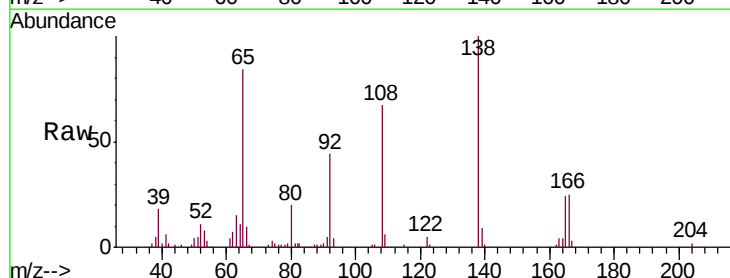
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

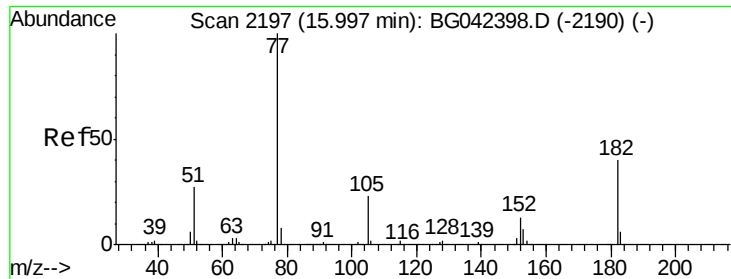
Tgt Ion: 204 Resp: 365128
 Ion Ratio Lower Upper
 204 100
 206 33.6 27.2 40.8
 141 47.6 38.7 58.1



#62
 4-Nitroaniline
 Concen: 50.605 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. 0.01 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

Tgt Ion: 138 Resp: 158376
 Ion Ratio Lower Upper
 138 100
 92 44.0 24.2 64.2
 108 66.7 46.8 86.8





#63

Azobenzene

Concen: 48.582 ng

RT: 16.00 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tgt Ion: 77 Resp: 421529

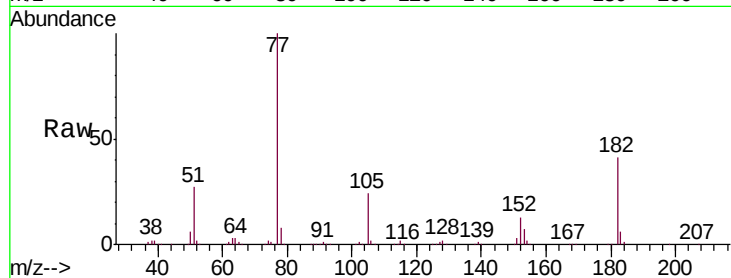
Ion Ratio Lower Upper

77 100

182 41.4 19.9 59.9

105 23.9 2.9 42.9

51 26.7 7.6 47.6

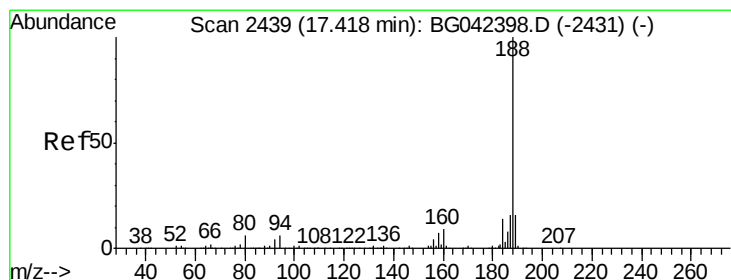
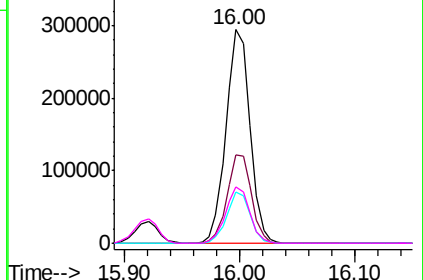
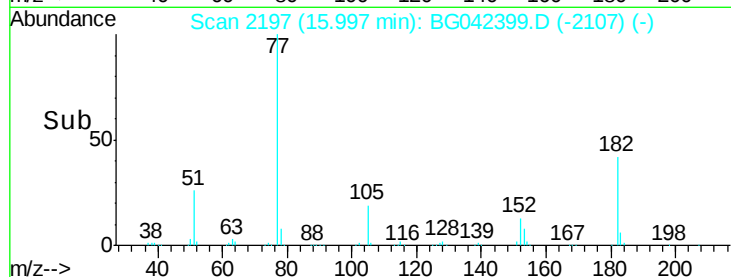


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2439

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

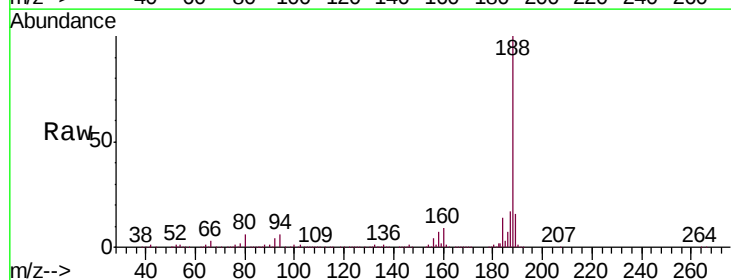
Tgt Ion: 188 Resp: 413342

Ion Ratio Lower Upper

188 100

94 5.8 4.5 6.7

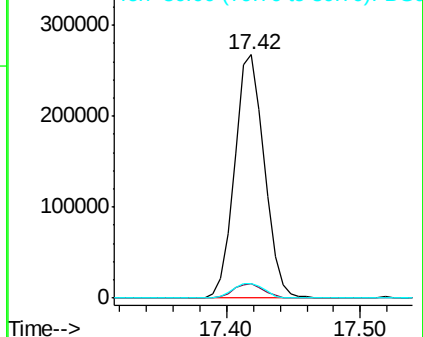
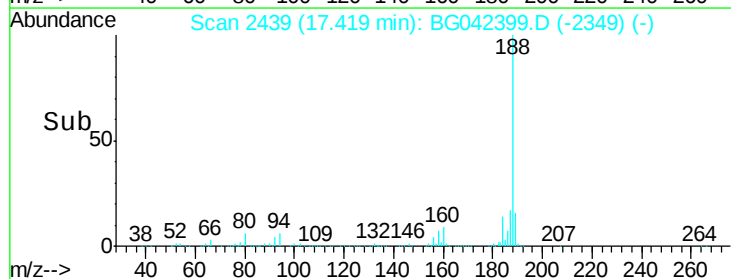
80 6.0 4.9 7.3

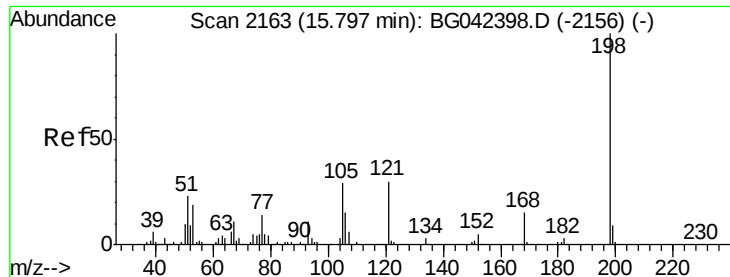


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 51.601 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

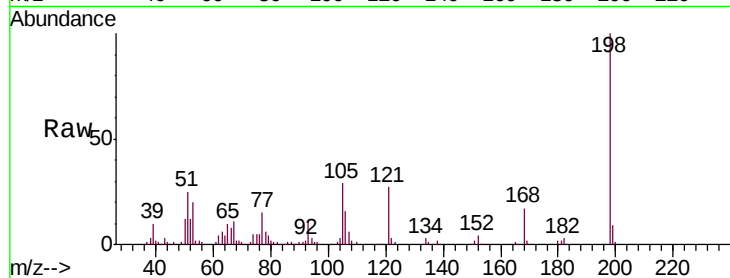
Tgt Ion:198 Resp: 130140

Ion Ratio Lower Upper

198 100

51 24.9 4.2 44.2

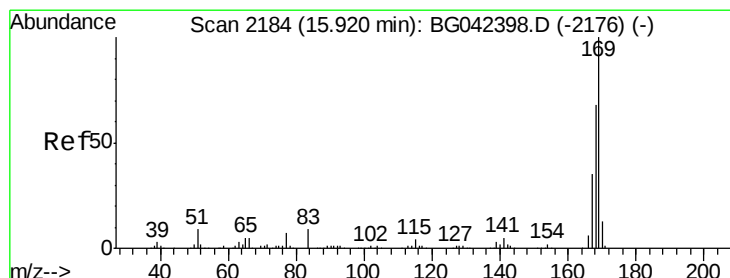
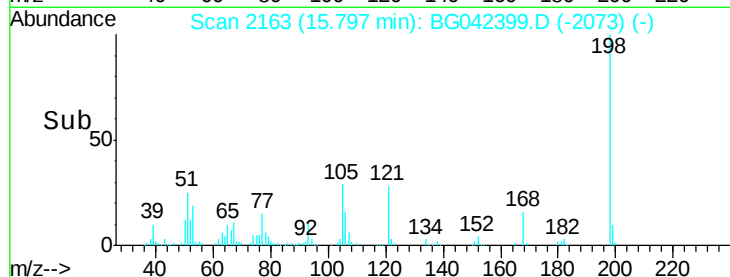
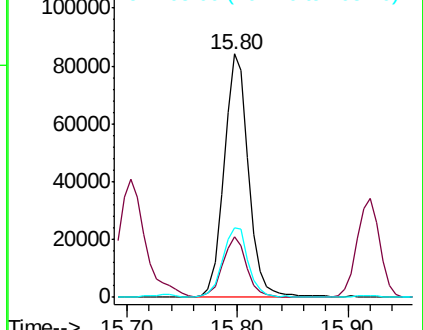
105 28.8 8.8 48.8



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: 47.678 ng

RT: 15.92 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

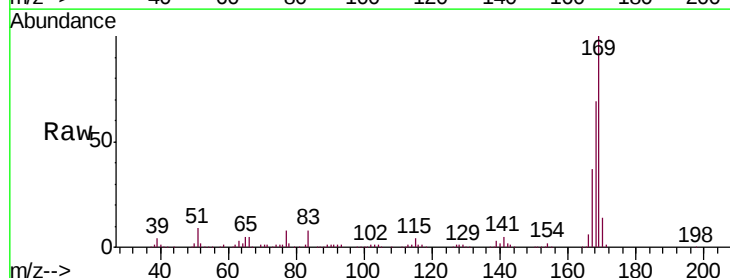
Tgt Ion:169 Resp: 551453

Ion Ratio Lower Upper

169 100

168 69.2 54.3 81.5

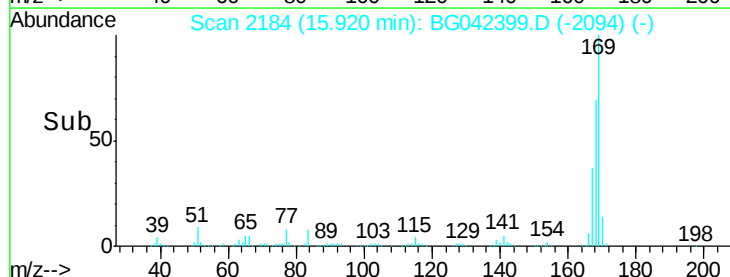
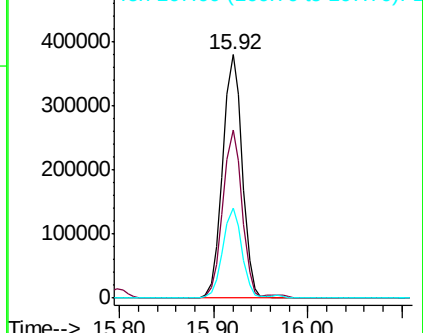
167 37.0 28.2 42.2



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

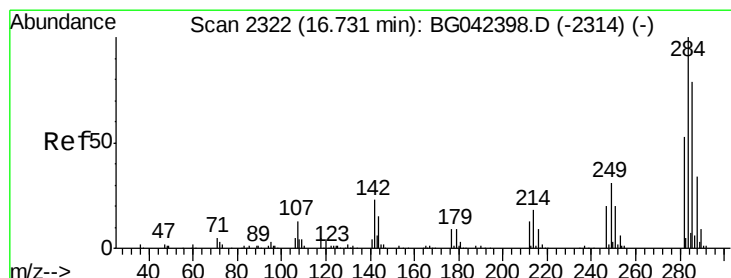
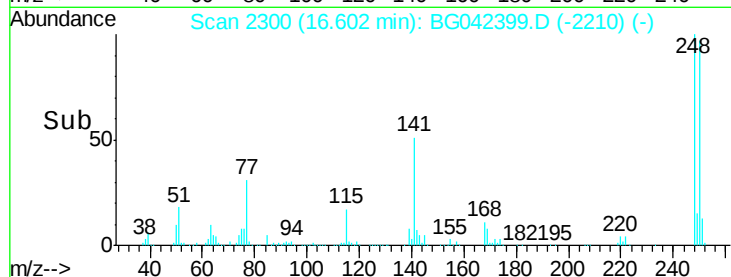
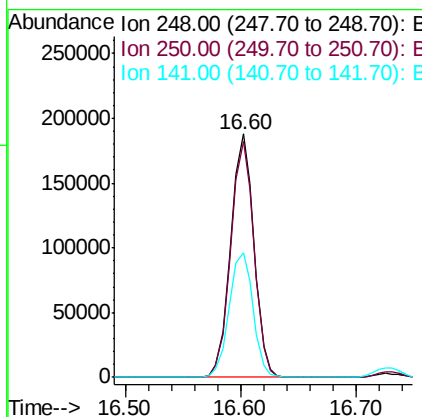
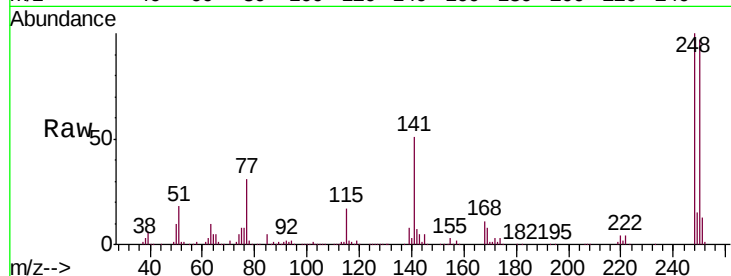




#67
 4-Bromophenyl-phenylether
 Concen: 49.660 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

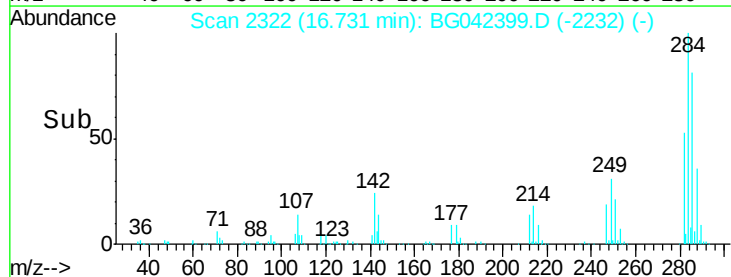
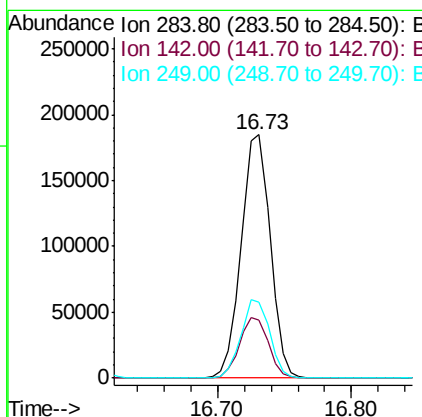
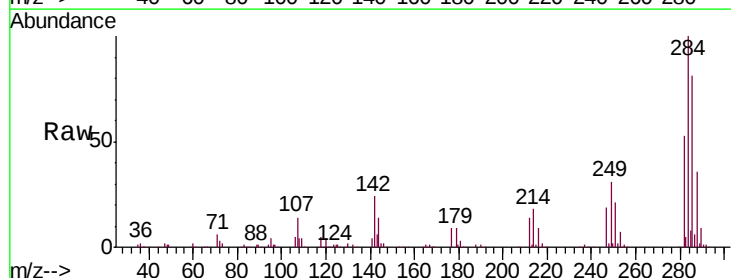
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

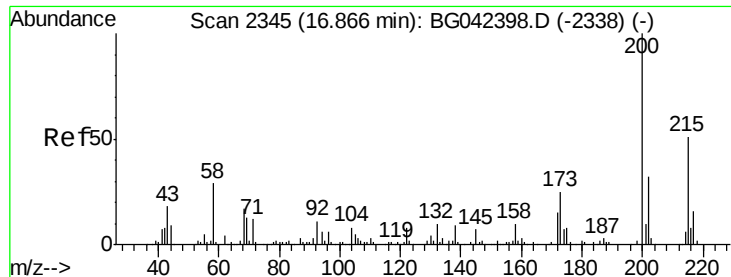
Tgt Ion: 248 Resp: 261217
 Ion Ratio Lower Upper
 248 100
 250 97.0 78.9 118.3
 141 51.4 43.3 64.9



#68
 Hexachlorobenzene
 Concen: 49.226 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BG042399.D
 Acq: 22 Aug 2019 11:37

Tgt Ion: 284 Resp: 277365
 Ion Ratio Lower Upper
 284 100
 142 23.8 18.2 27.4
 249 31.0 25.0 37.4





#69

Atrazine

Concen: 49.089 ng

RT: 16.87 min Scan# 2346

Delta R.T. 0.01 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

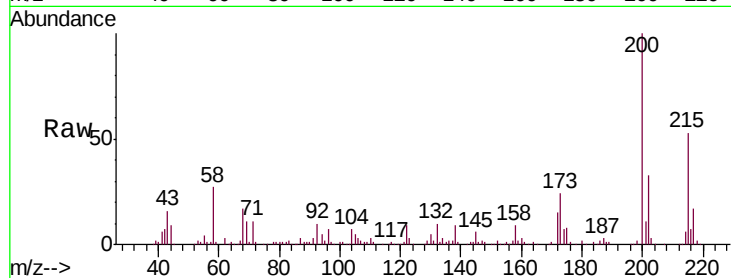
Tgt Ion:200 Resp: 194616

Ion Ratio Lower Upper

200 100

173 24.3 4.9 44.9

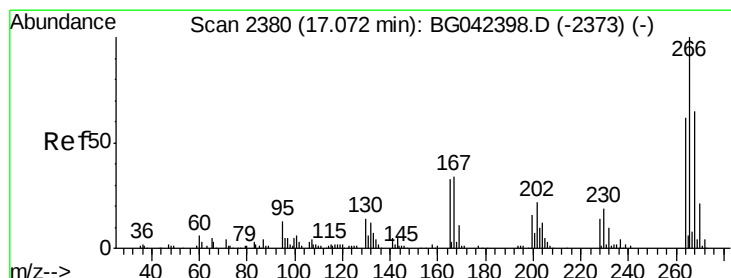
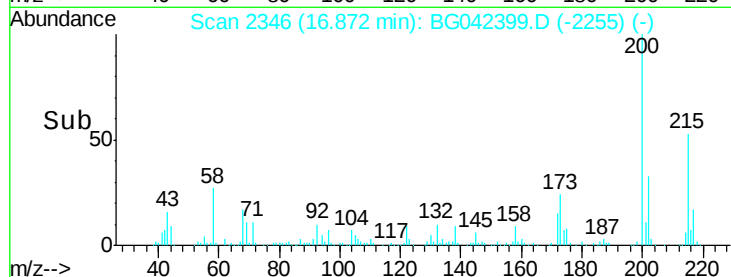
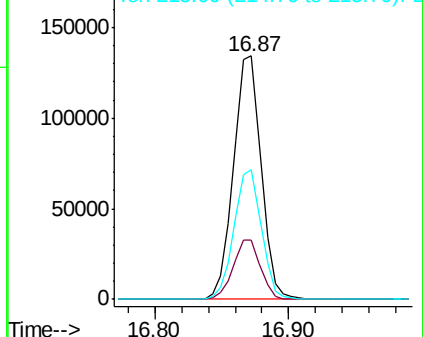
215 53.2 30.7 70.7



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: 51.531 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

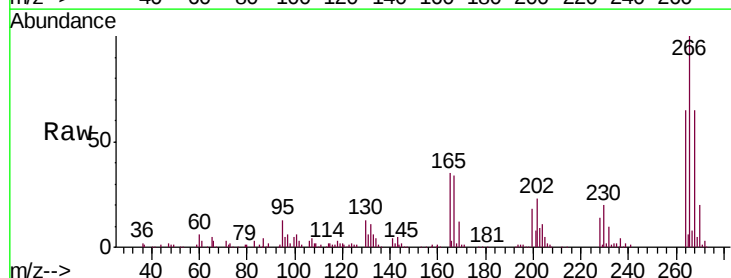
Tgt Ion:266 Resp: 154561

Ion Ratio Lower Upper

266 100

268 65.4 52.1 78.1

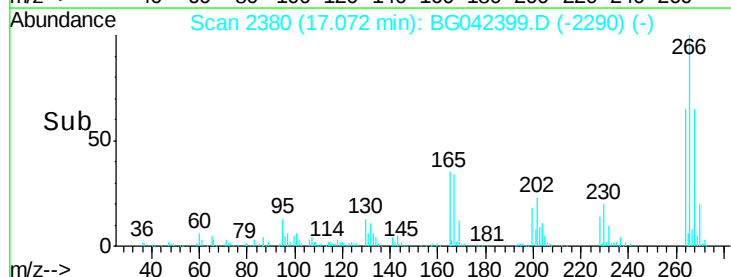
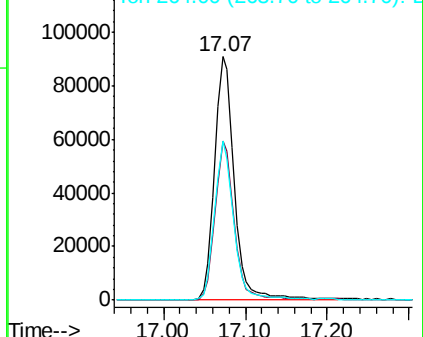
264 65.2 49.4 74.2



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

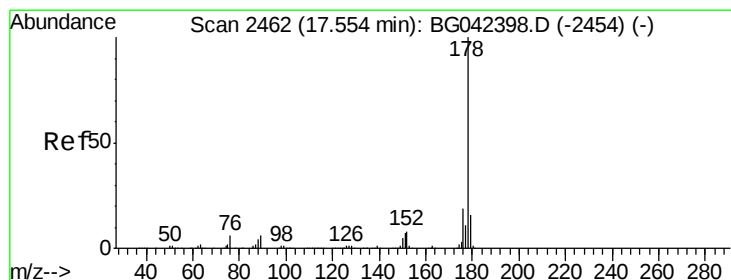
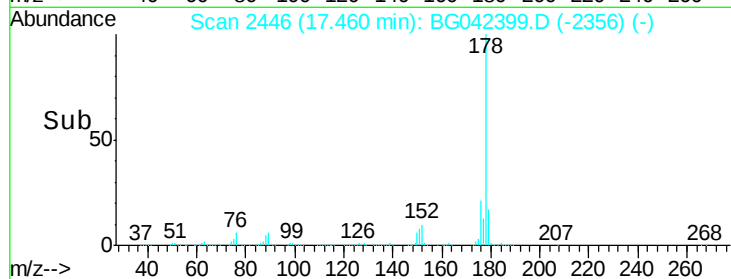
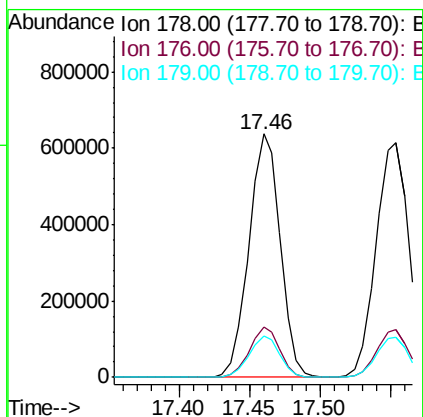
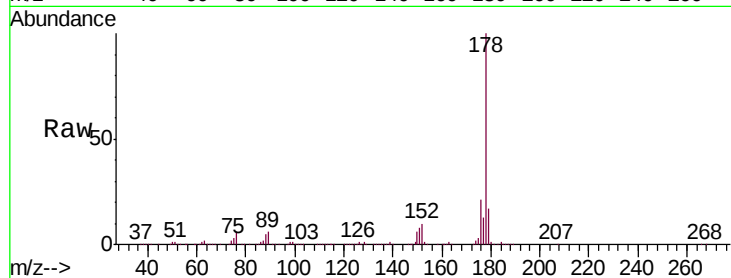




#71
Phenanthrene
Concen: 48.247 ng
RT: 17.46 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

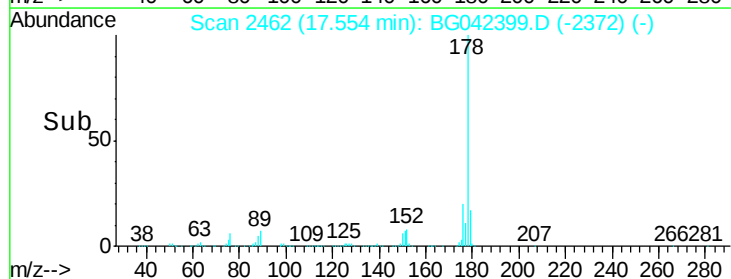
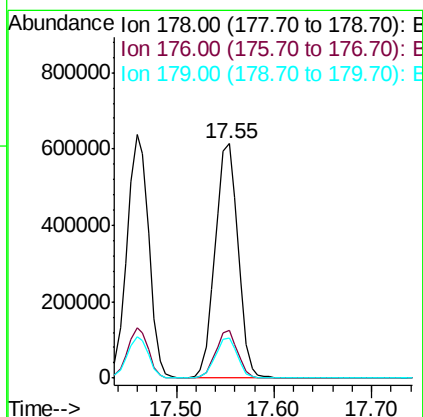
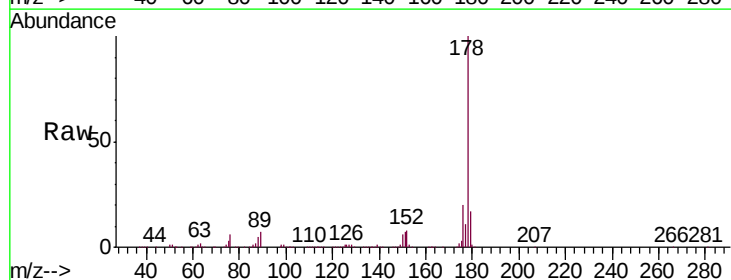
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

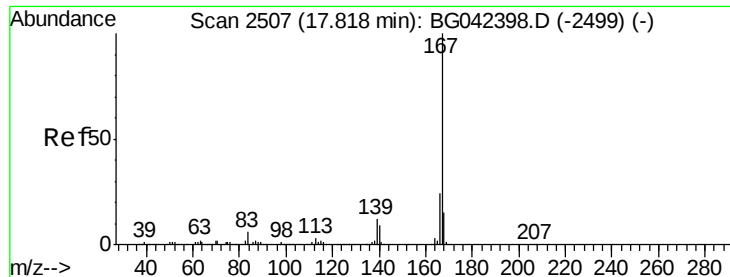
Tgt Ion:178 Resp: 993212
Ion Ratio Lower Upper
178 100
176 20.7 15.9 23.9
179 17.2 12.7 19.1



#72
Anthracene
Concen: 48.680 ng
RT: 17.55 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

Tgt Ion:178 Resp: 999457
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 17.1 12.9 19.3





#73

Carbazole

Concen: 48.838 ng

RT: 17.82 min Scan# 2508

Delta R.T. 0.01 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

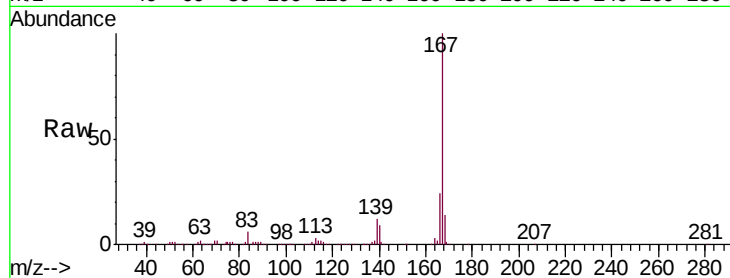
Tgt Ion:167 Resp: 890706

Ion Ratio Lower Upper

167 100

166 24.2 18.9 28.3

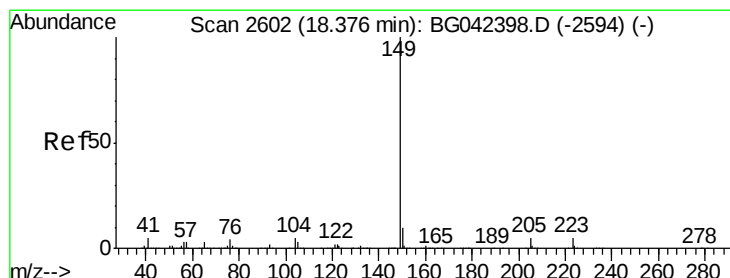
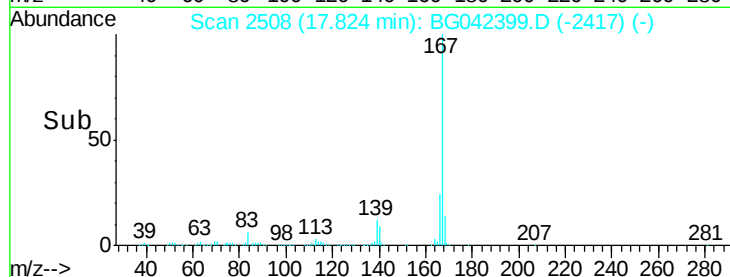
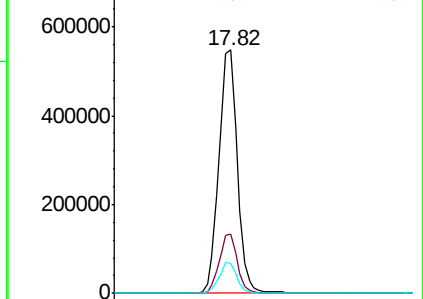
139 12.3 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 49.608 ng

RT: 18.38 min Scan# 2602

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

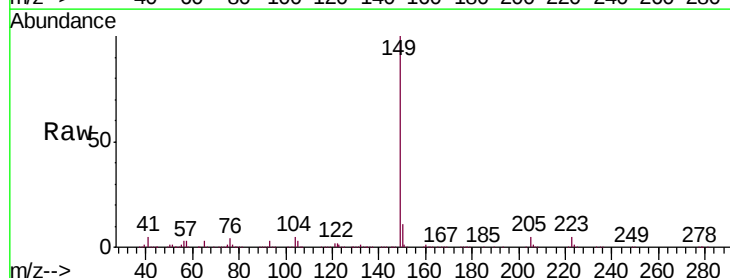
Tgt Ion:149 Resp: 1055379

Ion Ratio Lower Upper

149 100

150 10.6 8.1 12.1

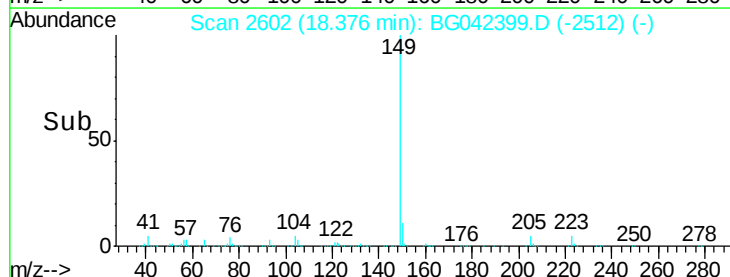
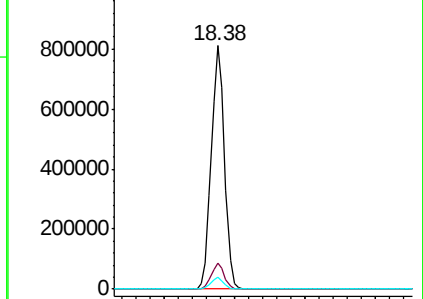
104 4.9 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.691 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

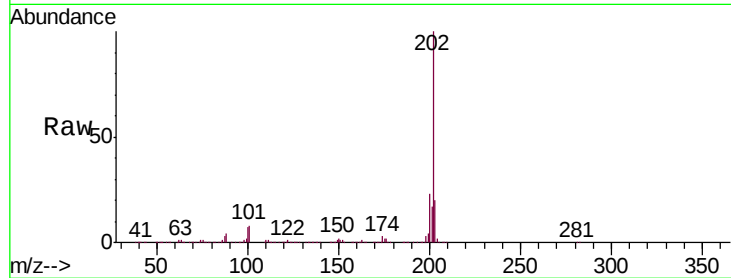
Tgt Ion:202 Resp: 1208711

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.3

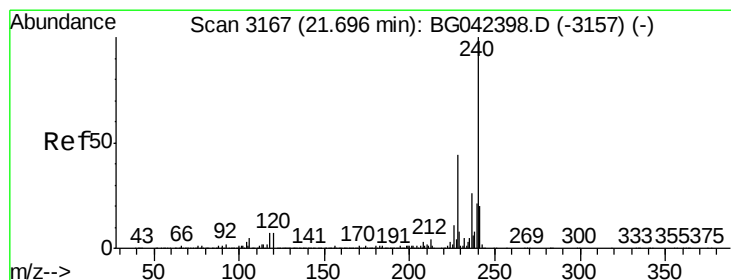
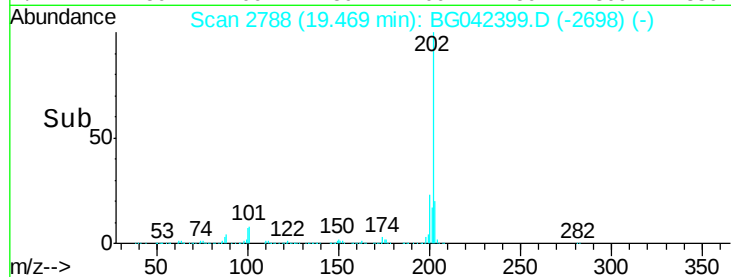
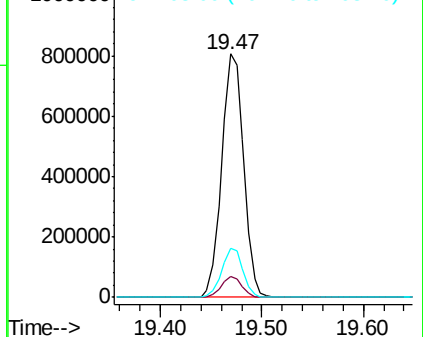
203 20.0 0.0 39.6



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: 21.70 min Scan# 3167

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

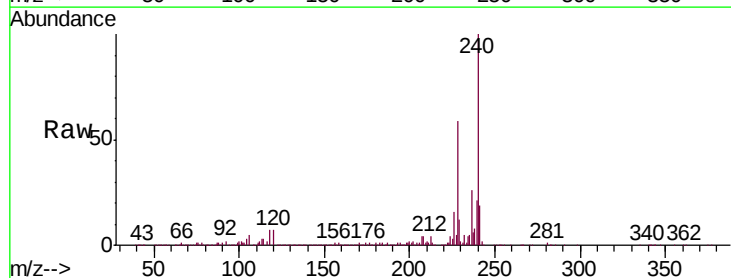
Tgt Ion:240 Resp: 404281

Ion Ratio Lower Upper

240 100

120 7.4 5.7 8.5

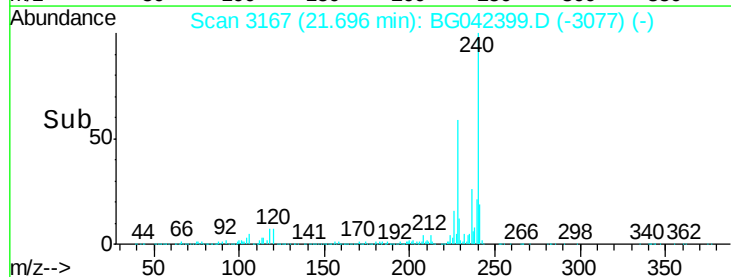
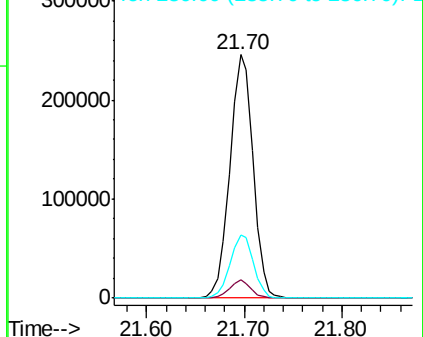
236 26.0 21.0 31.4

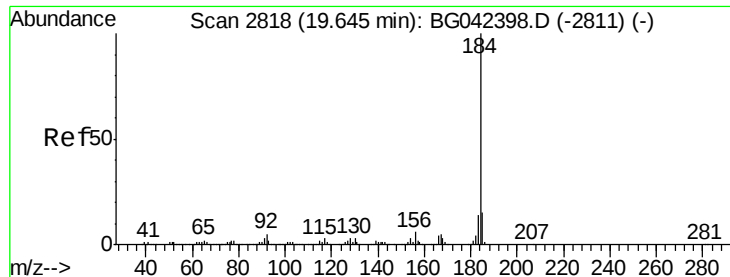


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.124 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

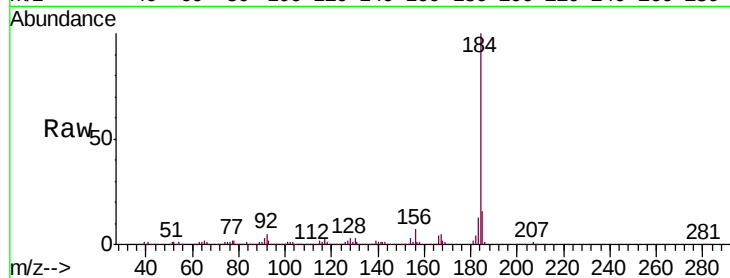
Tgt Ion:184 Resp: 526563

Ion Ratio Lower Upper

184 100

185 15.8 12.2 18.4

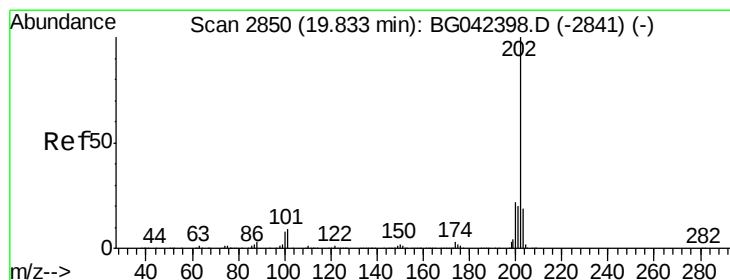
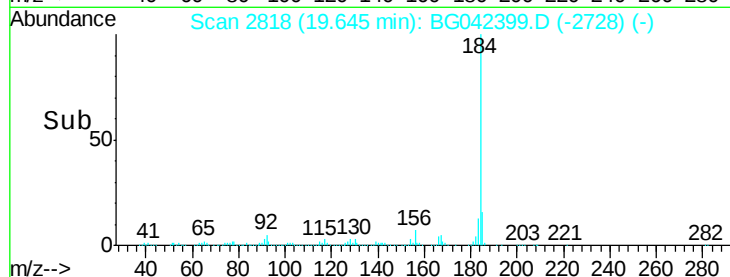
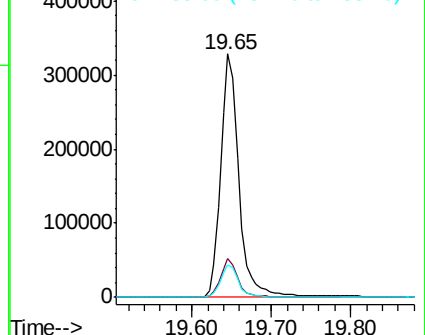
183 13.2 10.8 16.2



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: 48.763 ng

RT: 19.83 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

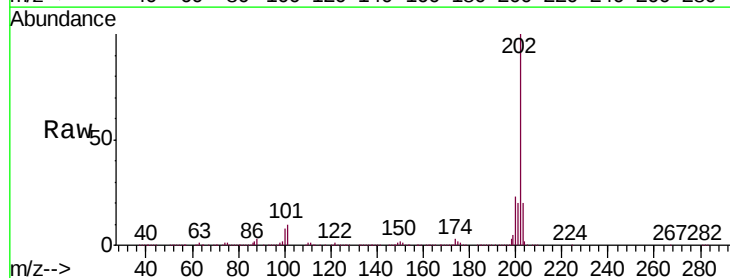
Tgt Ion:202 Resp: 1213032

Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.6

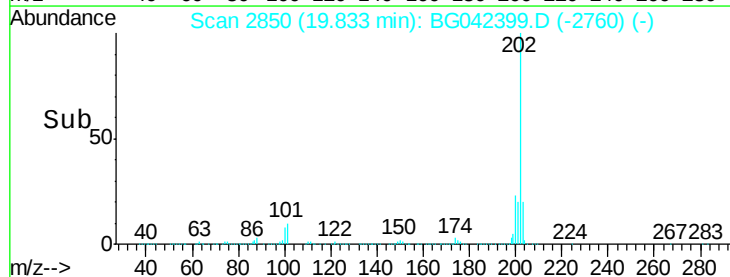
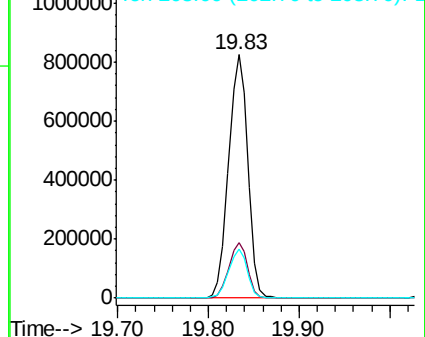
203 20.2 15.5 23.3

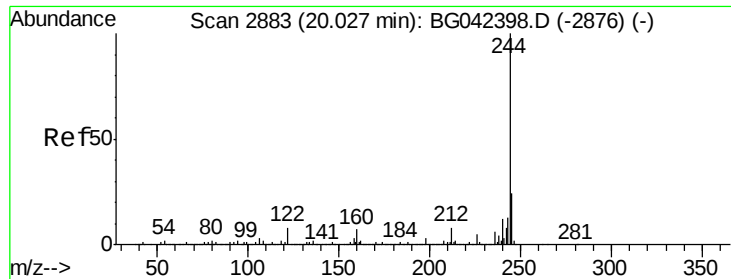


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.838 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

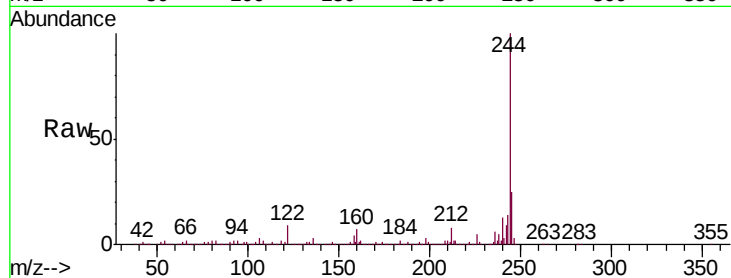
Tgt Ion:244 Resp: 1732054

Ion Ratio Lower Upper

244 100

212 8.5 6.0 9.0

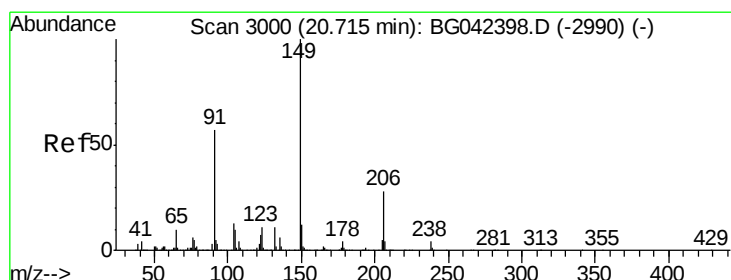
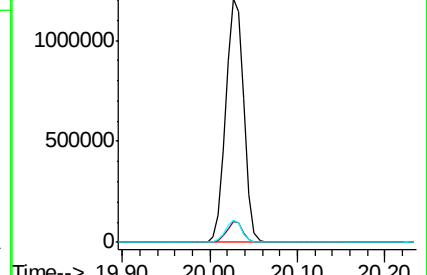
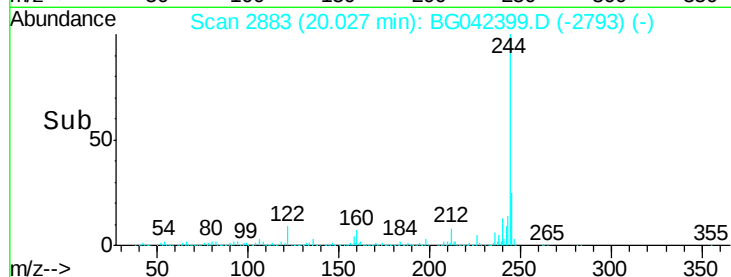
122 9.3 6.7 10.1



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: 48.203 ng

RT: 20.71 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

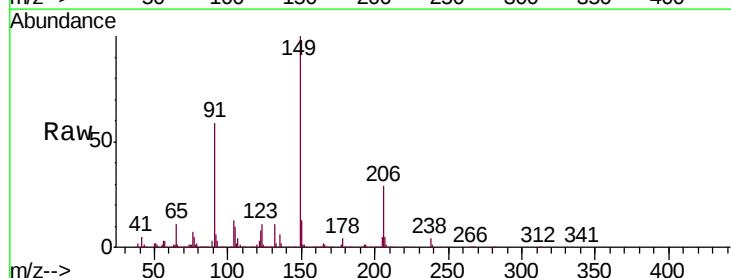
Tgt Ion:149 Resp: 475238

Ion Ratio Lower Upper

149 100

91 58.5 45.9 68.9

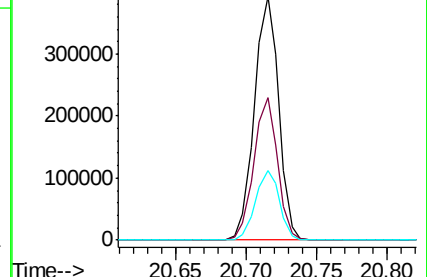
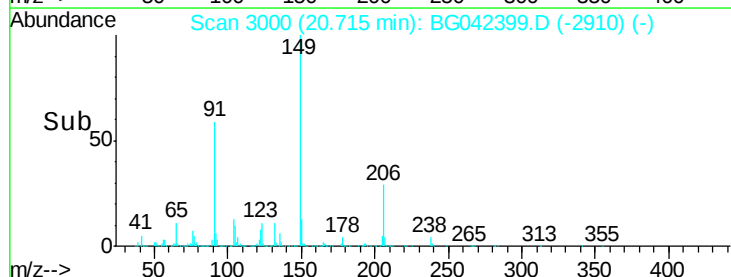
206 28.6 22.5 33.7

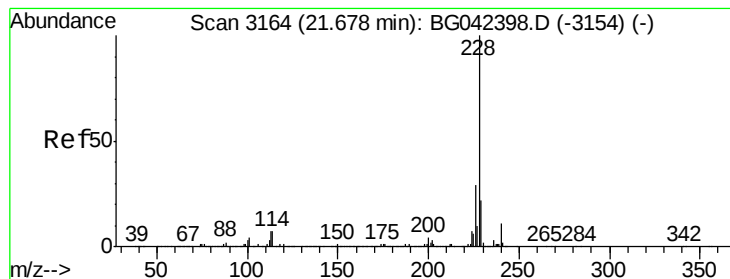


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.550 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

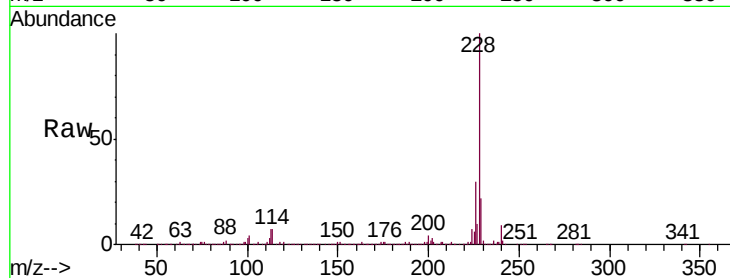
BNA_G

ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 1205372

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	21.9	17.4	26.2

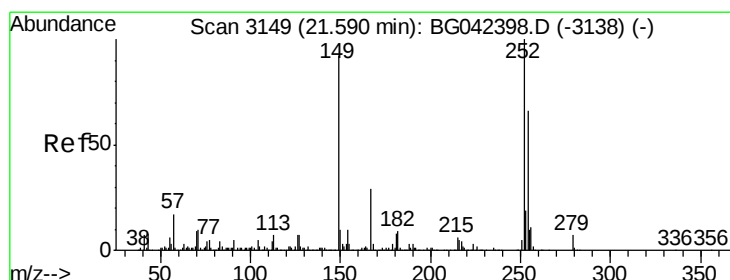
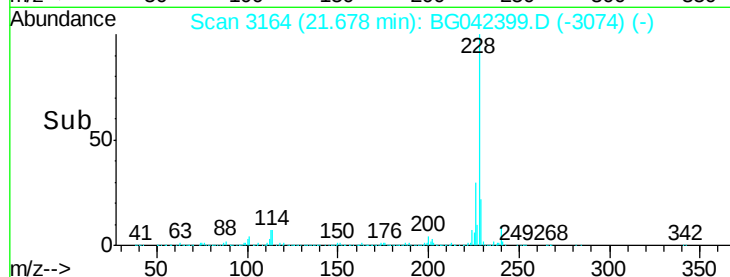
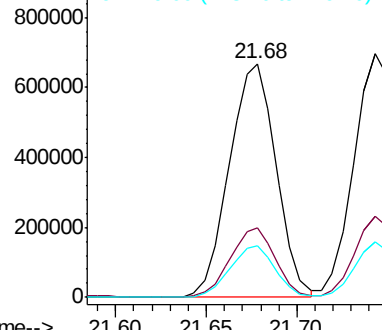


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 48.958 ng

RT: 21.59 min Scan# 3149

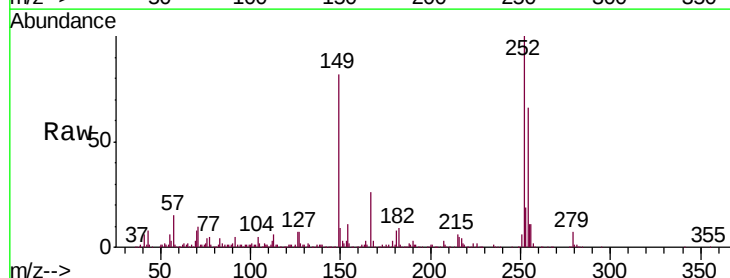
Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Tgt Ion:252 Resp: 483799

Ion	Ratio	Lower	Upper
252	100		
254	65.5	53.0	79.4
126	6.6	5.7	8.5

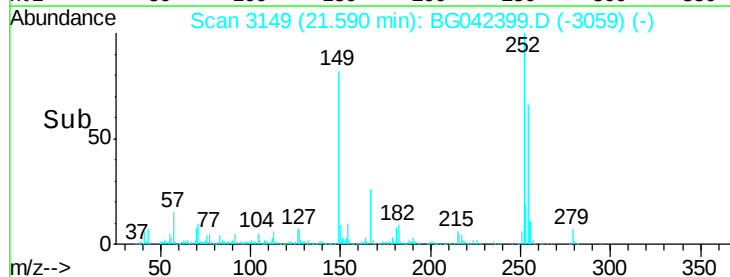
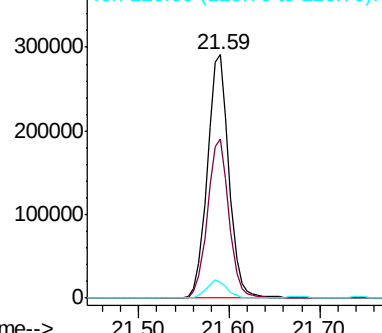


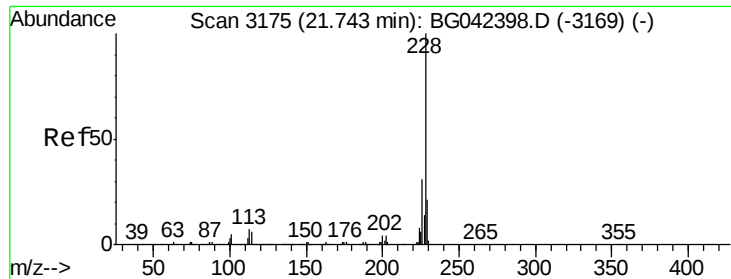
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 48.633 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

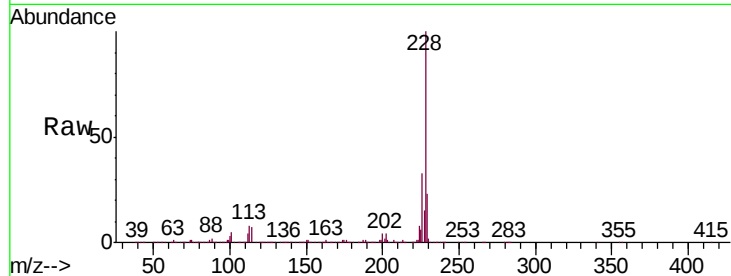
Tgt Ion:228 Resp: 1155040

Ion Ratio Lower Upper

228 100

226 33.0 24.9 37.3

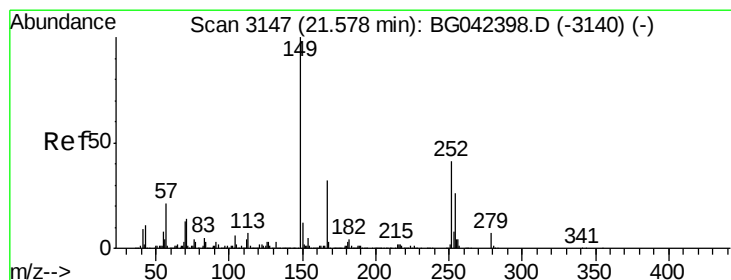
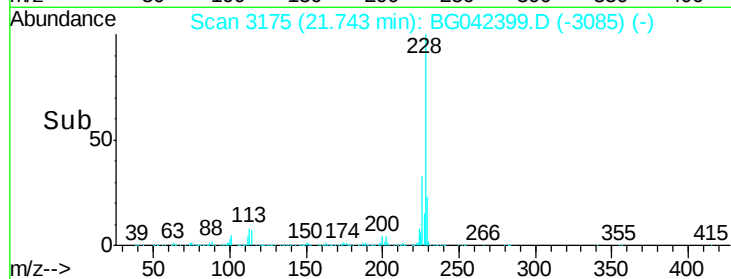
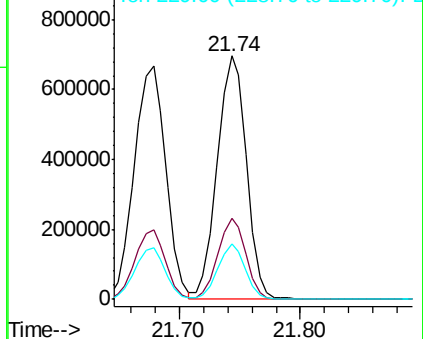
229 22.8 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.316 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

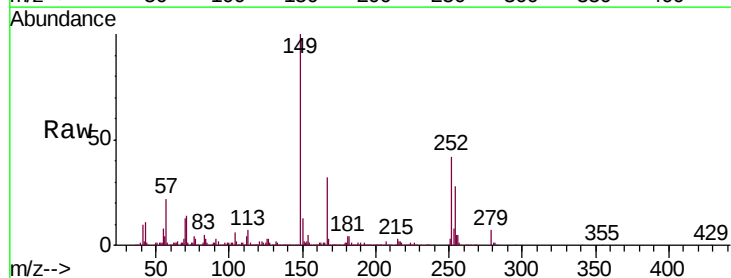
Tgt Ion:149 Resp: 664193

Ion Ratio Lower Upper

149 100

167 32.4 26.0 39.0

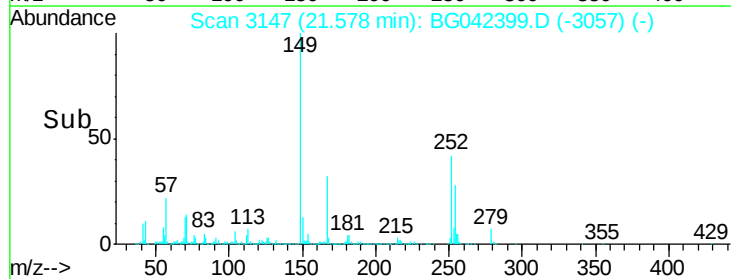
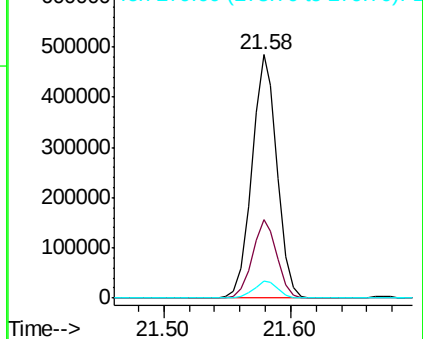
279 6.8 5.4 8.0

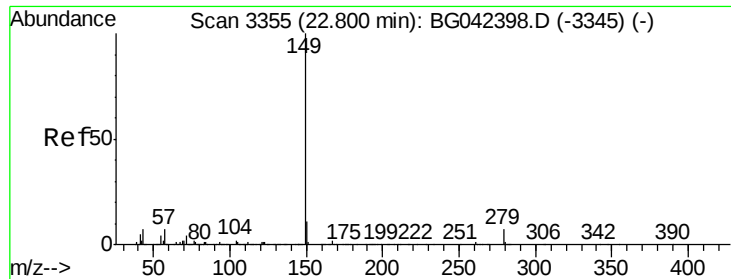


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.839 ng

RT: 22.80 min Scan# 3355

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

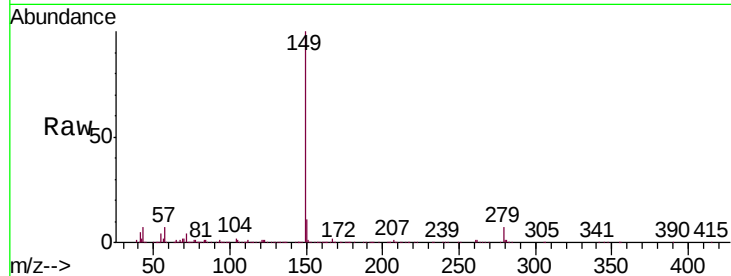
Tgt Ion:149 Resp: 1145170

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

43 6.7 5.3 7.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.80

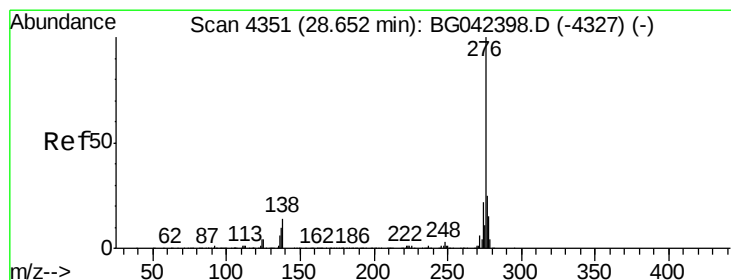
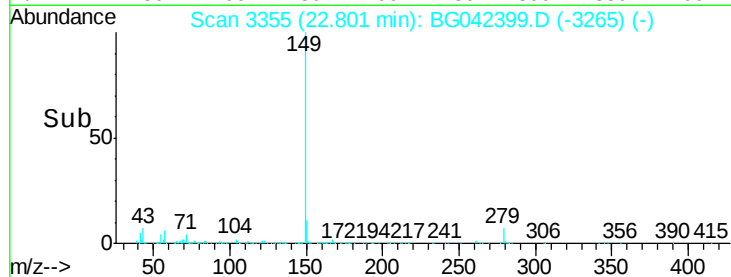
600000

400000

200000

0

Time--> 22.70 22.80 22.90



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.602 ng

RT: 28.66 min Scan# 4352

Delta R.T. 0.01 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

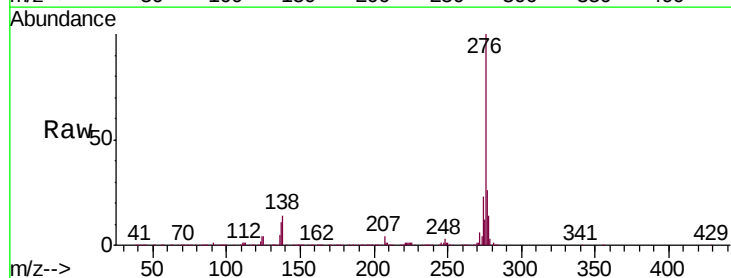
Tgt Ion:276 Resp: 1572927

Ion Ratio Lower Upper

276 100

138 17.0 9.2 13.8#

277 26.5 21.0 31.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.66

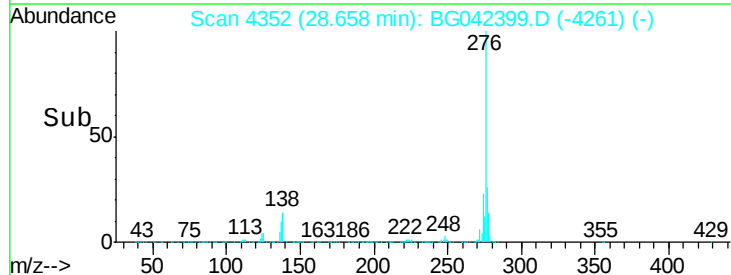
300000

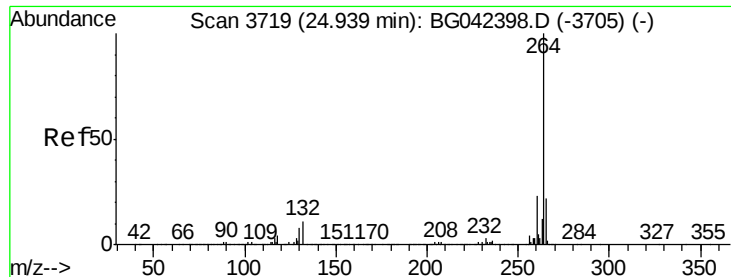
200000

100000

0

Time--> 28.40 28.60 28.80





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

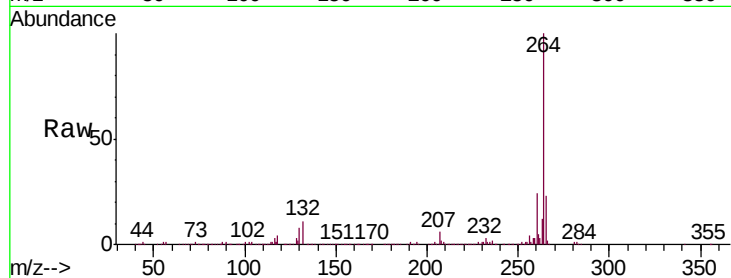
Tgt Ion:264 Resp: 494992

Ion Ratio Lower Upper

264 100

260 24.3 18.5 27.7

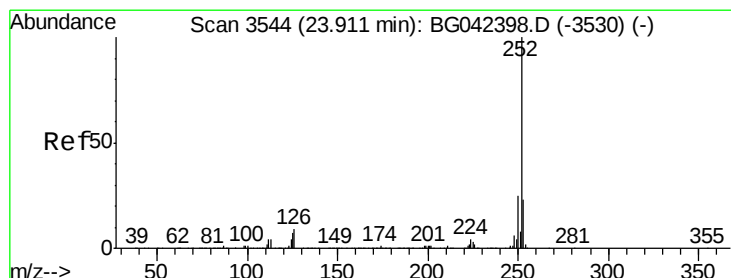
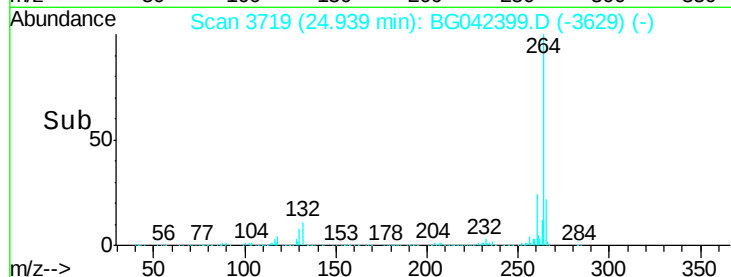
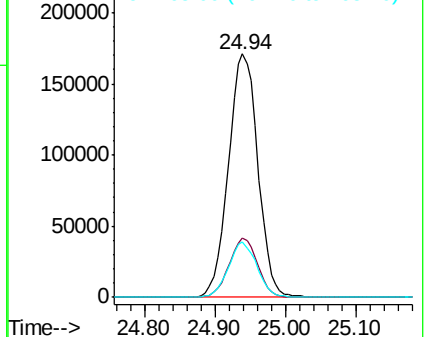
265 22.6 17.6 26.4



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: 48.432 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG042399.D

Acq: 22 Aug 2019 11:37

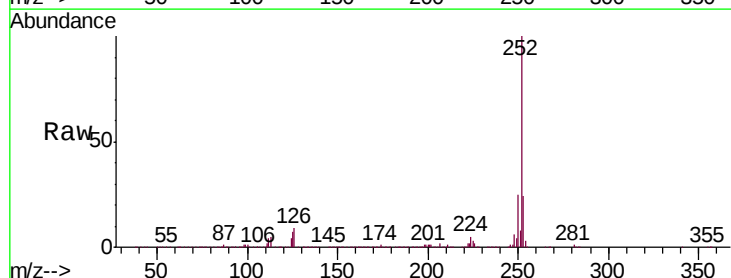
Tgt Ion:252 Resp: 1317710

Ion Ratio Lower Upper

252 100

253 23.9 18.6 27.8

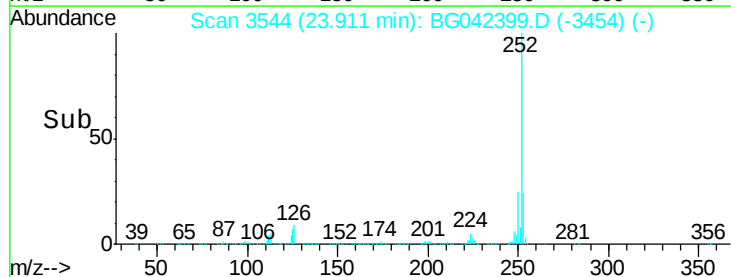
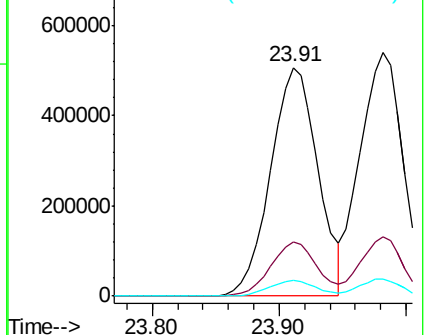
125 7.1 5.6 8.4

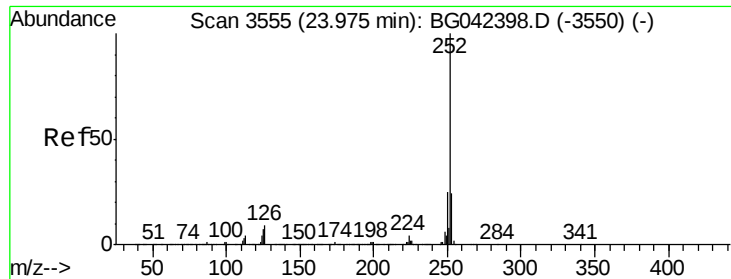


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

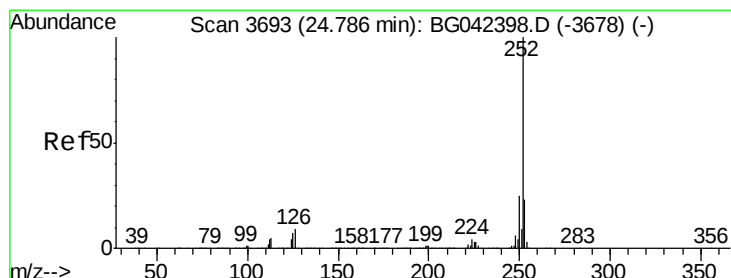
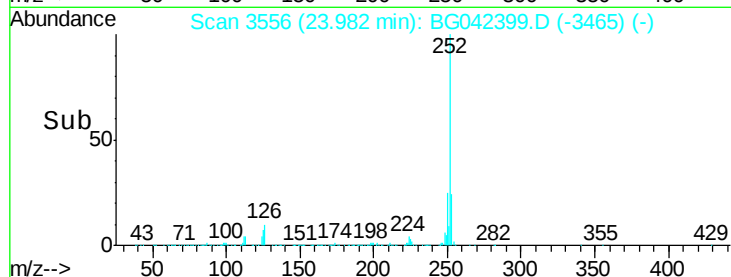
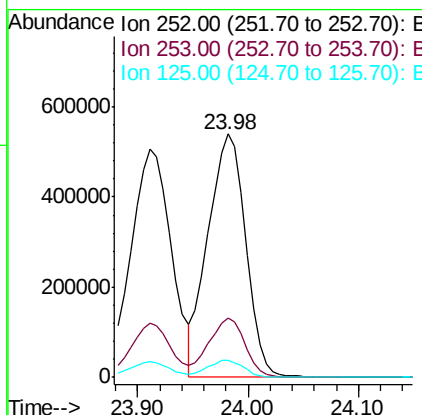
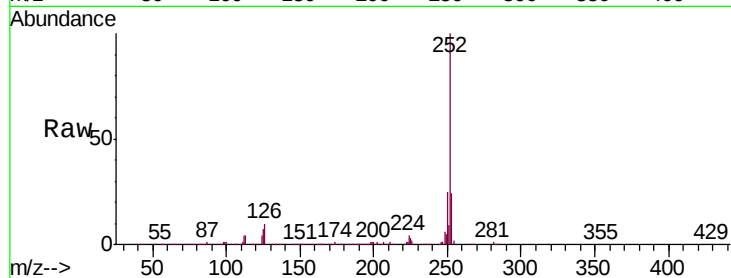




#89
Benzo(k)fluoranthene
Concen: 47.896 ng
RT: 23.98 min Scan# 3556
Delta R.T. 0.01 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

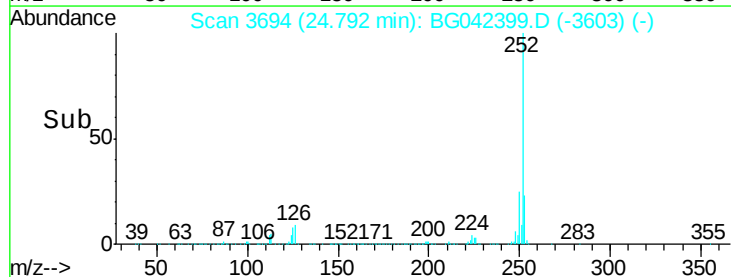
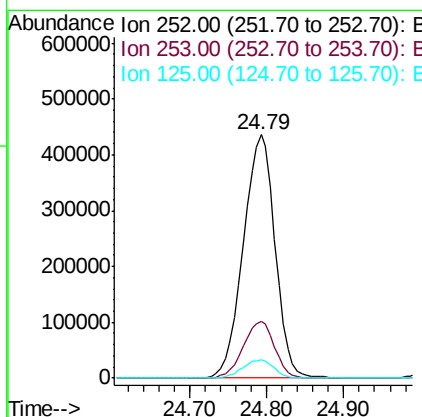
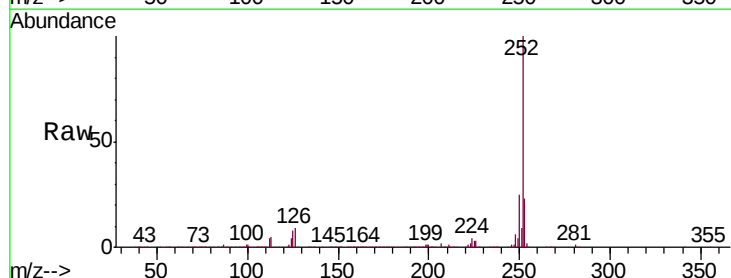
Instrument :
BNA_G
ClientSampleId :
SSTDIC050

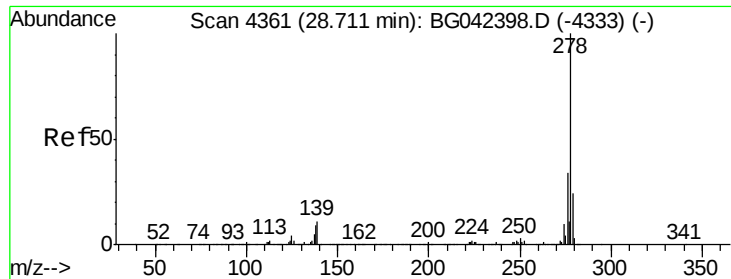
Tgt Ion:252 Resp: 1273805
Ion Ratio Lower Upper
252 100
253 24.3 18.6 27.8
125 7.0 5.8 8.6



#90
Benzo(a)pyrene
Concen: 48.054 ng
RT: 24.79 min Scan# 3694
Delta R.T. 0.01 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

Tgt Ion:252 Resp: 1252788
Ion Ratio Lower Upper
252 100
253 23.5 18.4 27.6
125 7.6 6.0 9.0

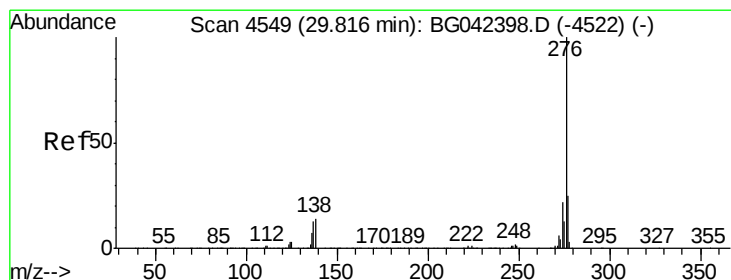
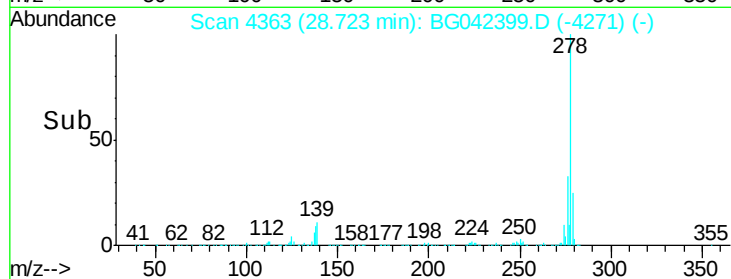
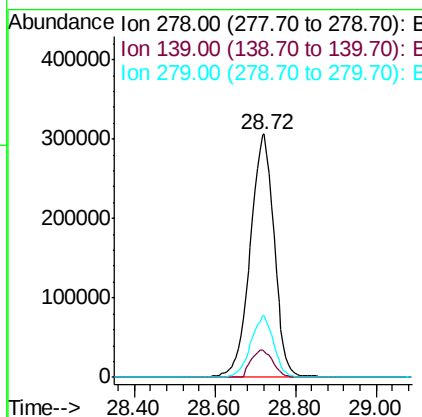
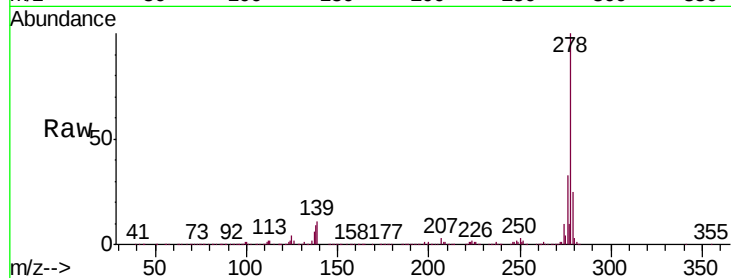




#91
Dibenzo(a,h)anthracene
Concen: 48.877 ng
RT: 28.72 min Scan# 4363
Delta R.T. 0.01 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tgt Ion:278 Resp: 1271220
Ion Ratio Lower Upper
278 100
139 10.8 8.8 13.2
279 25.4 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 48.827 ng
RT: 29.82 min Scan# 4549
Delta R.T. 0.00 min
Lab File: BG042399.D
Acq: 22 Aug 2019 11:37

Tgt Ion:276 Resp: 1265470
Ion Ratio Lower Upper
276 100
277 24.8 19.8 29.8
138 14.4 11.4 17.0

