

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
 Data File : BG042711.D
 Acq On : 4 Sep 2019 17:20
 Operator : HP/JU
 Sample : K4555-21MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 04 18:02:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	32697	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	118803	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	90201	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	214187	20.00	ng	0.00
76) Chrysene-d12	21.69	240	231450	20.00	ng	0.00
87) Perylene-d12	24.93	264	274867	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	212835	131.83	ng	0.00
7) Phenol-d6	7.17	99	253812	116.39	ng	0.00
23) Nitrobenzene-d5	9.17	82	170604	99.24	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	203159	158.46	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	552259	103.55	ng	0.00
79) Terphenyl-d14	20.02	244	1095344	102.31	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	25366	37.650	ng	# 53
3) Pyridine	3.84	79	41942	24.278	ng	99
4) n-Nitrosodimethylamine	3.75	42	26641	43.175	ng	82
6) Aniline	7.32	93	37698	12.961	ng	97
8) 2-Chlorophenol	7.57	128	90550	46.280	ng	99
9) Benzaldehyde	7.13	77	24929	22.834	ng	97
10) Phenol	7.20	94	85252	38.449	ng	94
11) bis(2-Chloroethyl)ether	7.41	93	71415	41.012	ng	96
12) 1,3-Dichlorobenzene	7.89	146	107496	43.188	ng	97
13) 1,4-Dichlorobenzene	8.04	146	110435	43.803	ng	96
14) 1,2-Dichlorobenzene	8.36	146	104126	43.127	ng	99
15) Benzyl Alcohol	8.24	79	67399	42.959	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	89267	37.822	ng	99
17) 2-Methylphenol	8.45	107	69409	42.501	ng	96
18) Hexachloroethane	9.09	117	36565	42.364	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	56169	39.757	ng	96
20) 3+4-Methylphenols	8.78	107	90581	40.083	ng	97
22) Acetophenone	8.83	105	130501	51.358	ng	# 97
24) Nitrobenzene	9.21	77	82823	47.574	ng	97
25) Isophorone	9.73	82	156852	46.230	ng	99
26) 2-Nitrophenol	9.93	139	55601	50.964	ng	92
27) 2,4-Dimethylphenol	9.99	122	84117	55.973	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	97783	45.726	ng	99
29) 2,4-Dichlorophenol	10.48	162	106264	54.045	ng	99
30) 1,2,4-Trichlorobenzene	10.69	180	123046	50.984	ng	98
31) Naphthalene	10.87	128	274096	49.694	ng	99
32) Benzoic acid	10.16	122	27513	29.102	ng	95
33) 4-Chloroaniline	11.00	127	13757	5.403	ng	96
34) Hexachlorobutadiene	11.16	225	83891	51.722	ng	99
35) Caprolactam	11.77	113	13125	20.005	ng	91
36) 4-Chloro-3-methylphenol	12.12	107	94070	50.399	ng	100
37) 2-Methylnaphthalene	12.48	142	224487	50.687	ng	98
38) 1-Methylnaphthalene	12.70	142	208664	49.601	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	156610	54.065	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	153445	100.845	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	99843	50.993	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	108515	53.482	ng	96
46) 1,1'-Biphenyl	13.49	154	297686	51.055	ng	98
47) 2-Chloronaphthalene	13.54	162	245230	48.777	ng	99
48) 2-Nitroaniline	13.73	65	54456	44.917	ng	97
49) Acenaphthylene	14.38	152	389487	51.494	ng	99
50) Dimethylphthalate	14.11	163	326608	50.183	ng	99
51) 2,6-Dinitrotoluene	14.23	165	78374	51.952	ng	98
52) Acenaphthene	14.72	154	227794	49.597	ng	99
53) 3-Nitroaniline	14.57	138	31797	21.075	ng	# 85
54) 2,4-Dinitrophenol	14.78	184	96018	93.291	ng	97
55) Dibenzofuran	15.06	168	395898	52.075	ng	99
56) 4-Nitrophenol	14.89	139	92234	86.034	ng	95
57) 2,4-Dinitrotoluene	15.03	165	110658	51.224	ng	99
58) Fluorene	15.71	166	323190	52.005	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	102043	50.855	ng	99
60) Diethylphthalate	15.47	149	313944	49.345	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	193134	51.554	ng	98
62) 4-Nitroaniline	15.73	138	73617	45.591	ng	92
63) Azobenzene	15.99	77	205849	47.218	ng	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	72828	54.233	ng	99
66) n-Nitrosodiphenylamine	15.91	169	300852	51.076	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	137968	50.783	ng	96
68) Hexachlorobenzene	16.73	284	146319	49.543	ng	99
69) Atrazine	16.86	200	109774	52.700	ng	99
70) Pentachlorophenol	17.07	266	164313	107.077	ng	97
71) Phenanthrene	17.45	178	552117	51.895	ng	99
72) Anthracene	17.55	178	560235	52.748	ng	98
73) Carbazole	17.82	167	485456	51.285	ng	99
74) Di-n-butylphthalate	18.37	149	549408	49.101	ng	100
75) Fluoranthene	19.47	202	709575	54.649	ng	96
77) Benzidine	19.65	184	75754	11.416	ng	97
78) Pyrene	19.83	202	719555	50.708	ng	98
80) Butylbenzylphthalate	20.71	149	253048	45.339	ng	96
81) Benzo(a)anthracene	21.67	228	720066	51.143	ng	97
82) 3,3'-Dichlorobenzidine	21.58	252	181776	32.101	ng	97
83) Chrysene	21.74	228	699059	51.483	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	373217	48.162	ng	100
85) Di-n-octyl phthalate	22.78	149	645880	48.460	ng	99
86) Indeno(1,2,3-cd)pyrene	28.66	276	892127	48.346	ng	# 96
88) Benzo(b)fluoranthene	23.91	252	808113	53.478	ng	98
89) Benzo(k)fluoranthene	23.98	252	772803	53.205	ng	# 98
90) Benzo(a)pyrene	24.78	252	779783	54.381	ng	98
91) Dibenzo(a,h)anthracene	28.71	278	756029	52.073	ng	98
92) Benzo(g,h,i)perylene	29.81	276	726849	50.056	ng	98

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

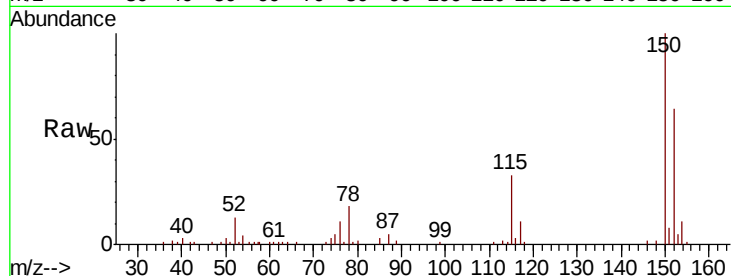


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.4	188.0
115	51.8	38.5	57.7

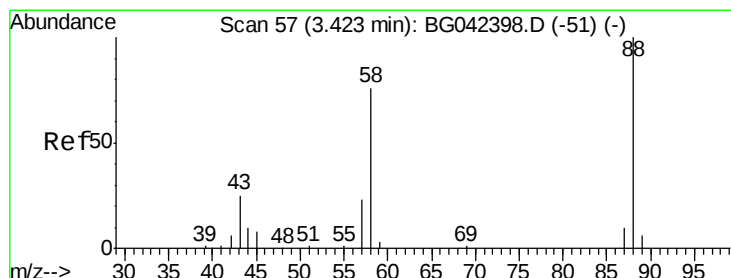
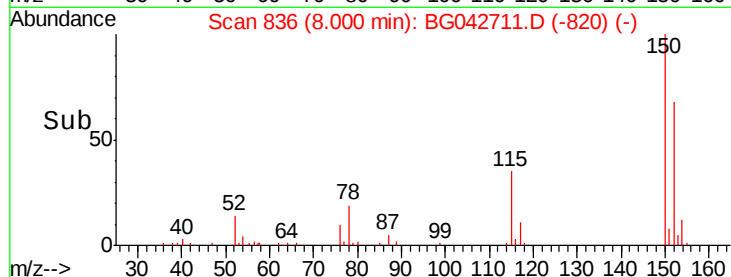
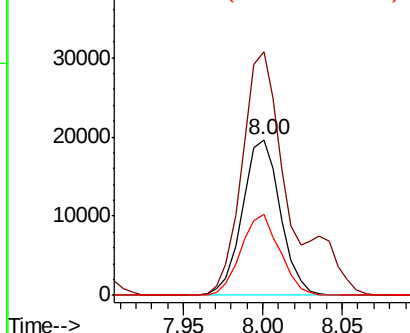


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

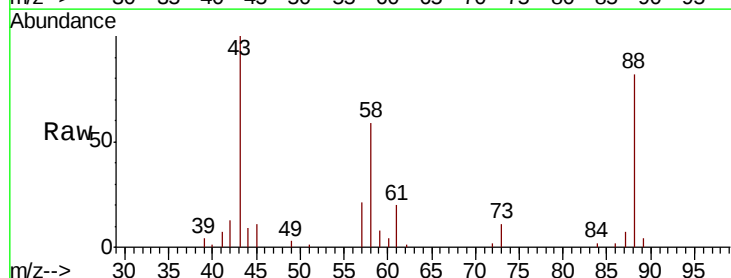
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 37.650 ng
 RT: 3.44 min Scan# 59
 Delta R.T. 0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.0	58.3	87.5
43	116.9	20.2	30.2

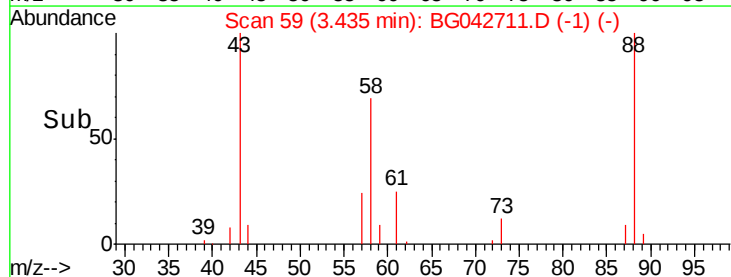
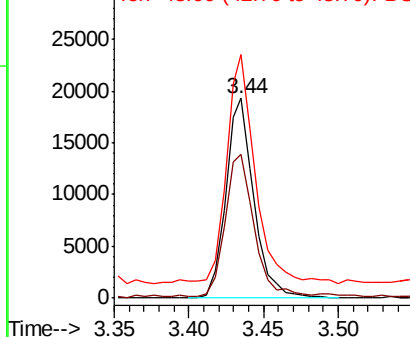


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 24.278 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampleId :

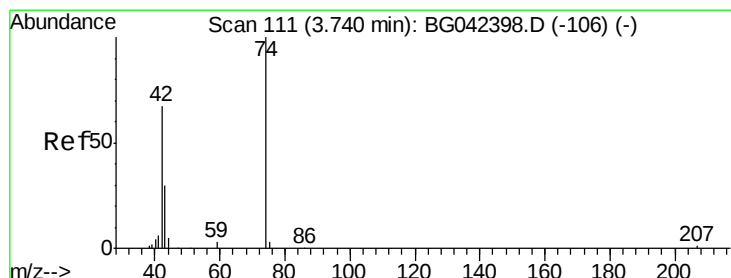
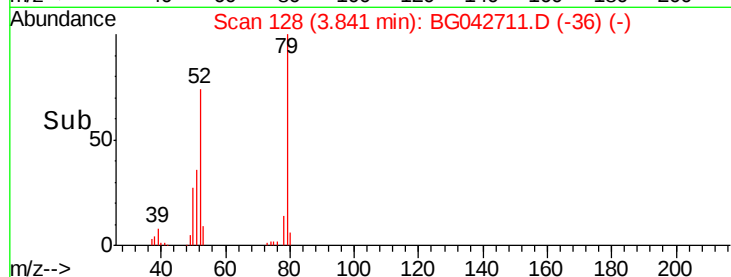
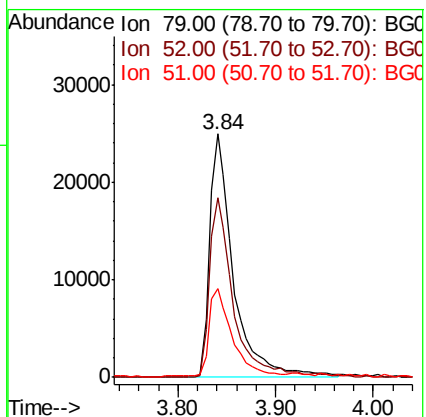
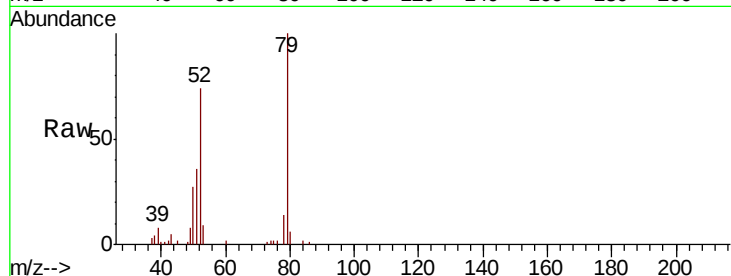
Tot Ion: 79 Resp: 41942

Ion Ratio Lower Upper

79 100

52 73.7 57.7 86.5

51 36.3 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 43.175 ng

RT: 3.75 min Scan# 112

Delta R.T. 0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

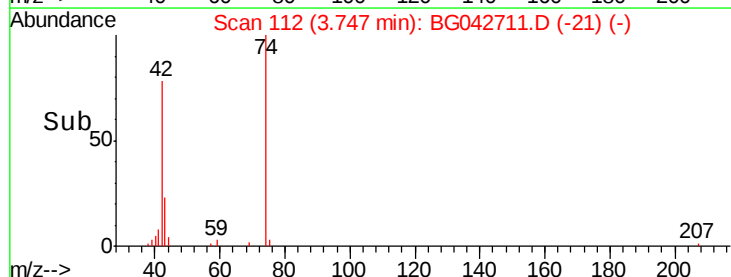
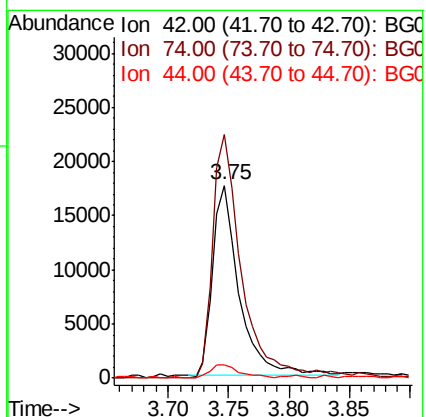
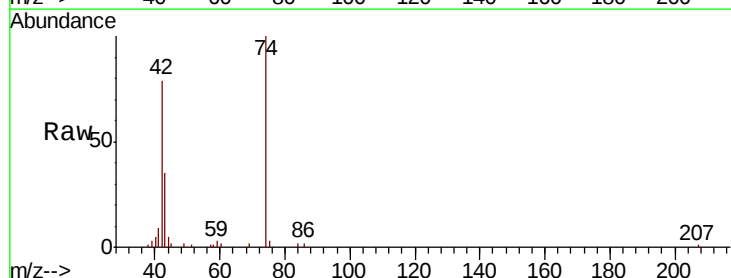
Tgt Ion: 42 Resp: 26641

Ion Ratio Lower Upper

42 100

74 126.4 119.6 179.4

44 6.5 6.5 9.7





#5

2-Fluorophenol

Concen: 131.833 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG042711.D

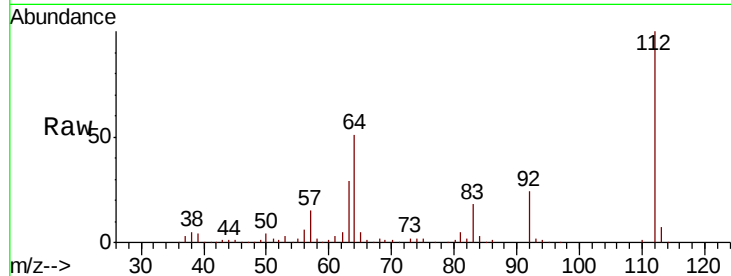
Acq: 4 Sep 2019 17:20

Instrument :

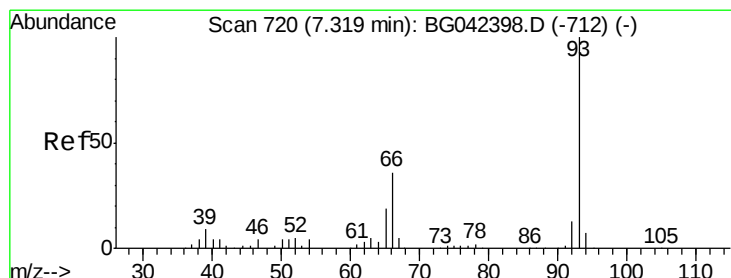
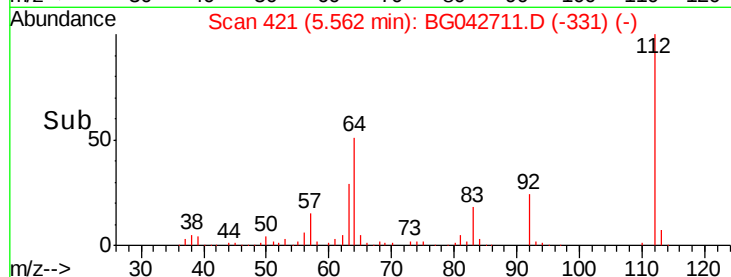
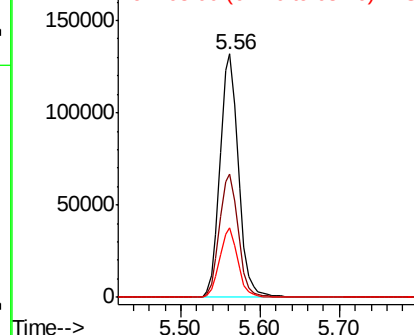
BNA_G

ClientSampled :

Tot Ion:	112	Resp:	212835
Ion	Ratio	Lower	Upper
112	100		
64	50.9	42.8	64.2
63	28.8	22.7	34.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.961 ng

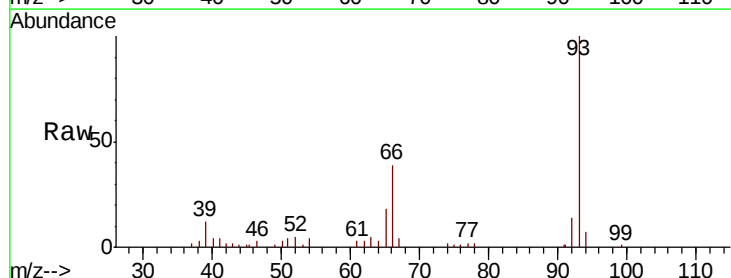
RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

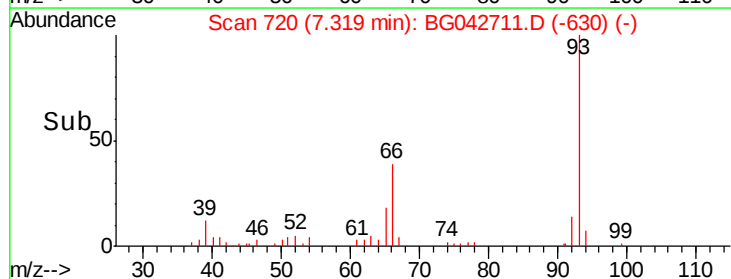
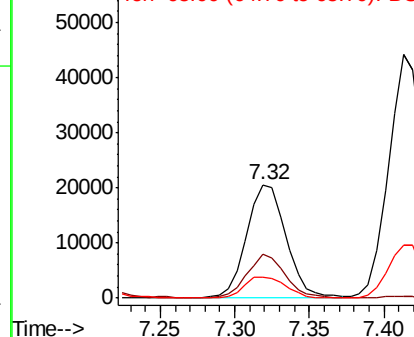
Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Tgt Ion:	93	Resp:	37698
Ion	Ratio	Lower	Upper
93	100		
66	38.6	29.0	43.6
65	18.0	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: 116.388 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampleId :

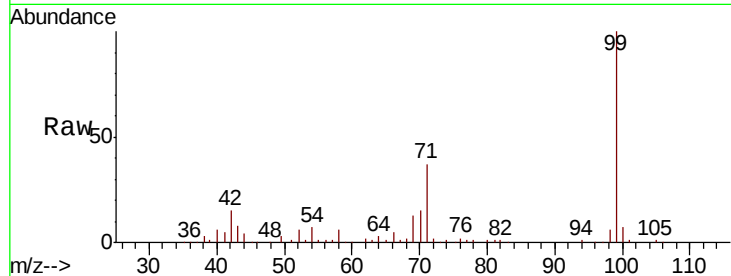
Tot Ion: 99 Resp: 253812

Ion Ratio Lower Upper

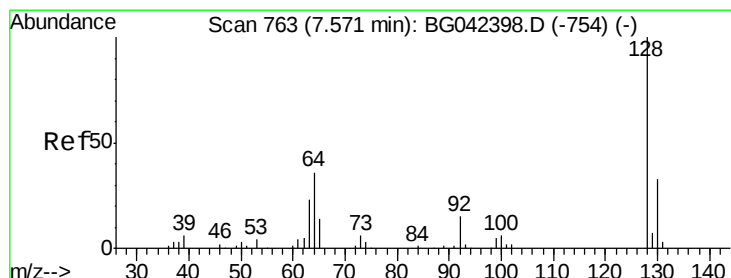
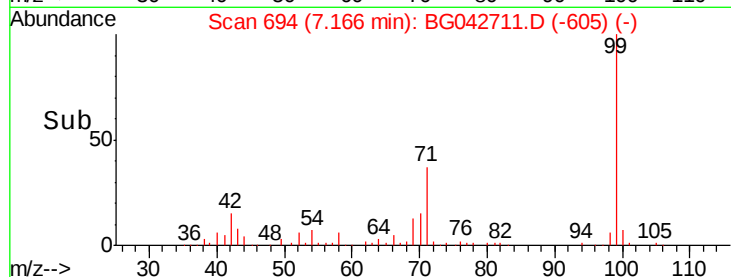
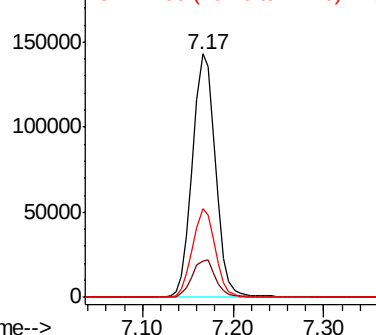
99 100

42 14.7 12.0 18.0

71 36.5 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: 46.280 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

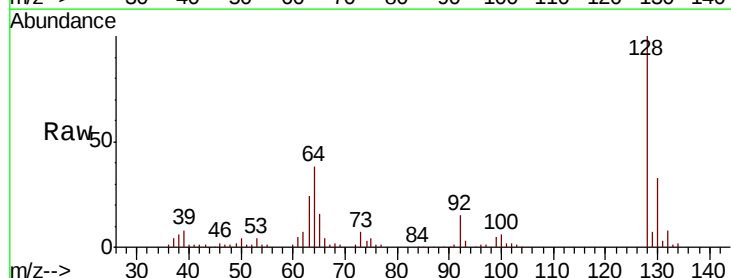
Tgt Ion: 128 Resp: 90550

Ion Ratio Lower Upper

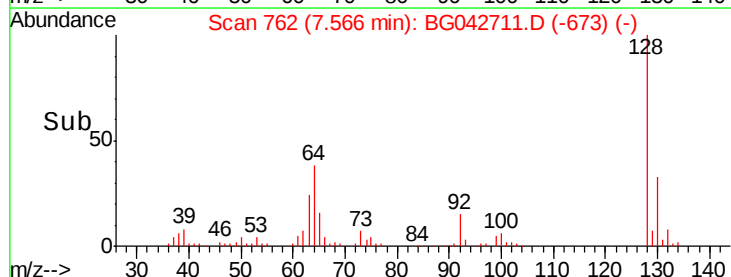
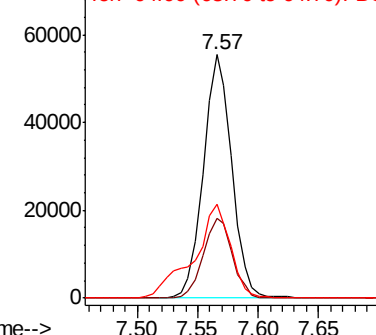
128 100

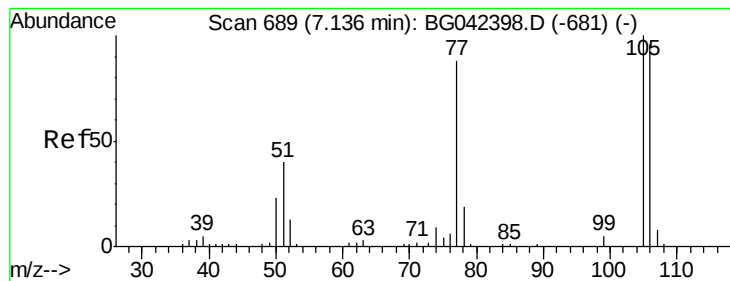
130 32.8 12.8 52.8

64 38.4 19.2 59.2



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





#9

Benzaldehyde

Concen: 22.834 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampleId :

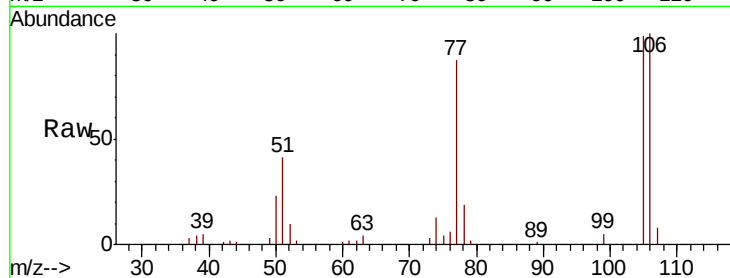
Tot Ion: 77 Resp: 24929

Ion Ratio Lower Upper

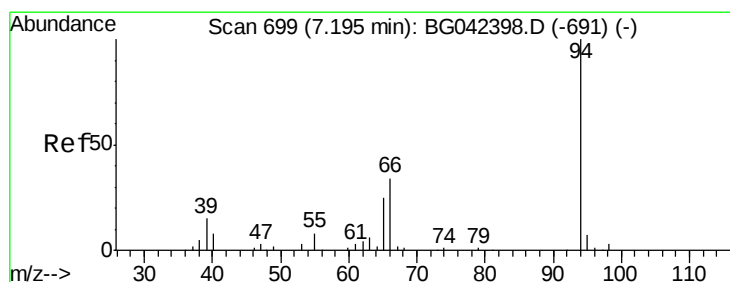
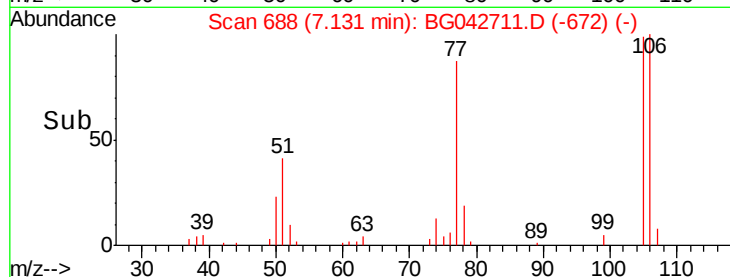
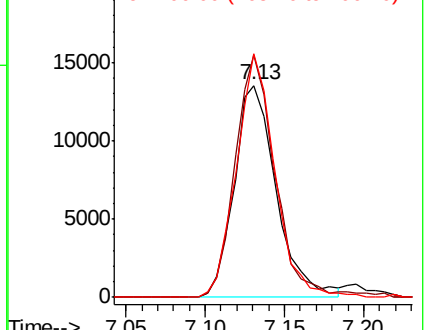
77 100

105 114.1 93.4 133.4

106 114.8 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: 38.449 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

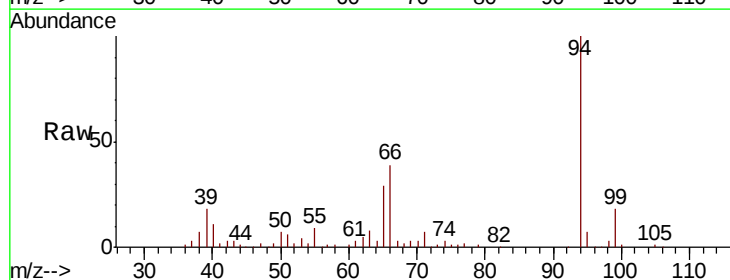
Tgt Ion: 94 Resp: 85252

Ion Ratio Lower Upper

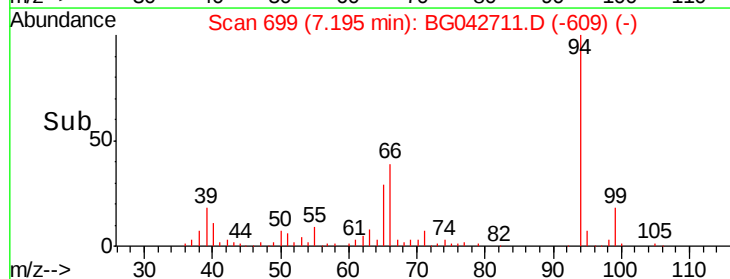
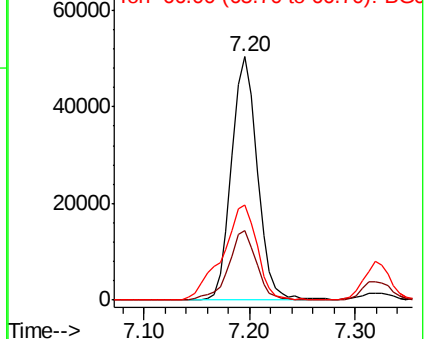
94 100

65 28.8 5.6 45.6

66 39.1 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

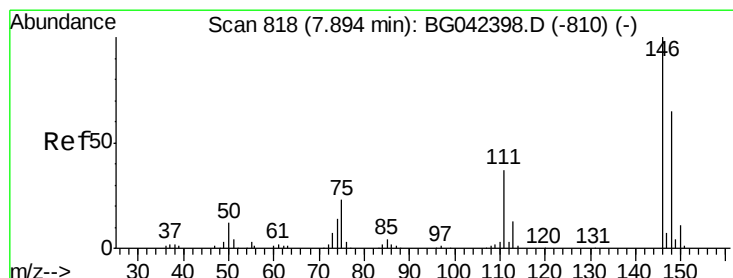
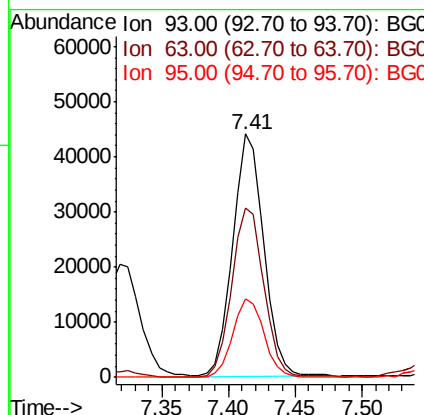
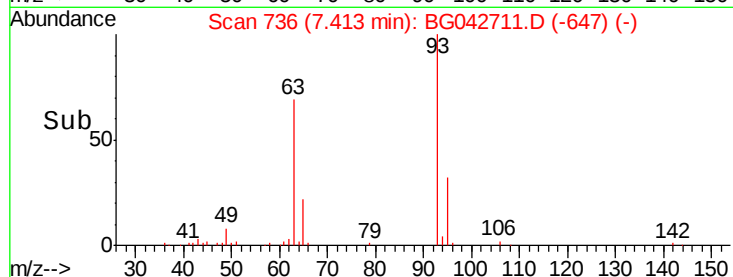
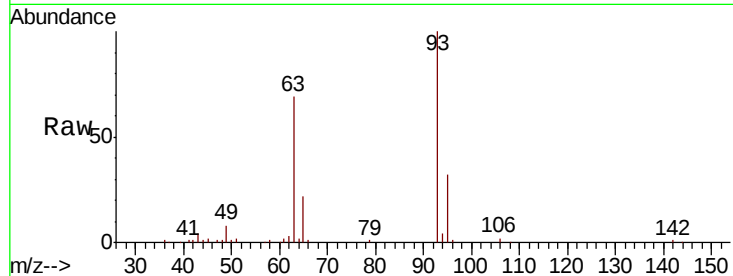




#11
bis(2-Chloroethyl)ether
Concen: 41.012 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

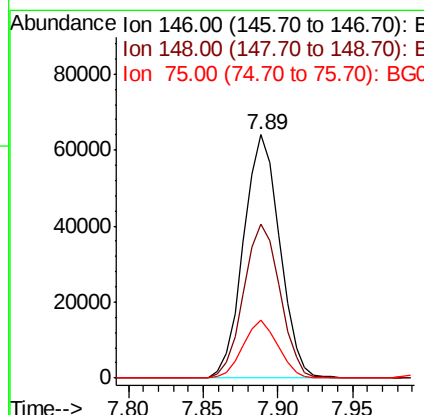
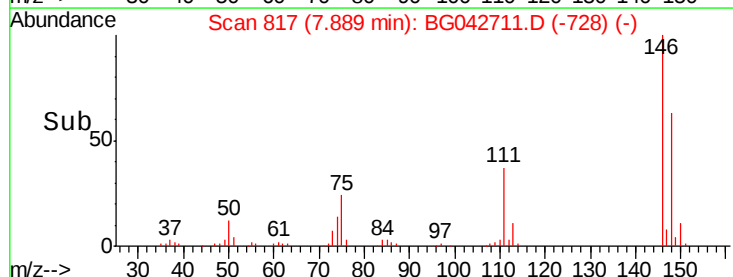
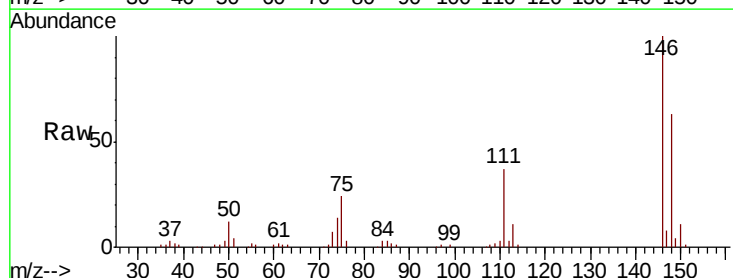
Instrument :
BNA_G
ClientSampled :

Tot Ion: 93 Resp: 71415
Ion Ratio Lower Upper
93 100
63 69.3 53.8 93.8
95 32.0 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 43.188 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion: 146 Resp: 107496
Ion Ratio Lower Upper
146 100
148 63.3 52.2 78.2
75 23.8 18.0 27.0

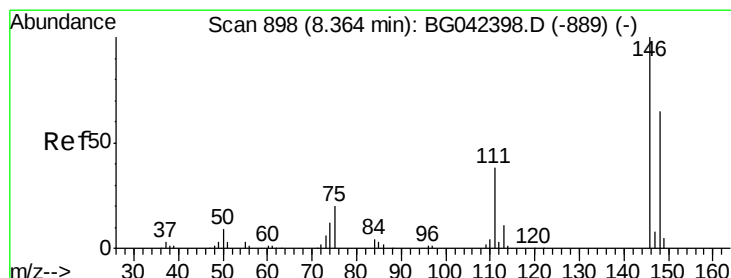
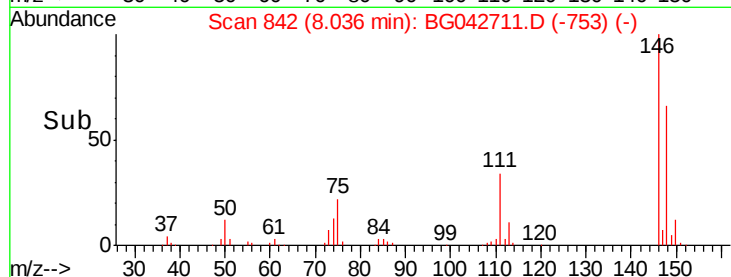
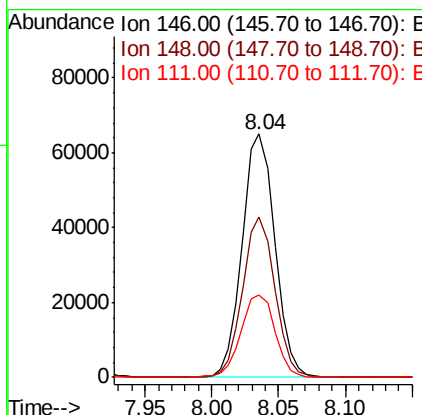
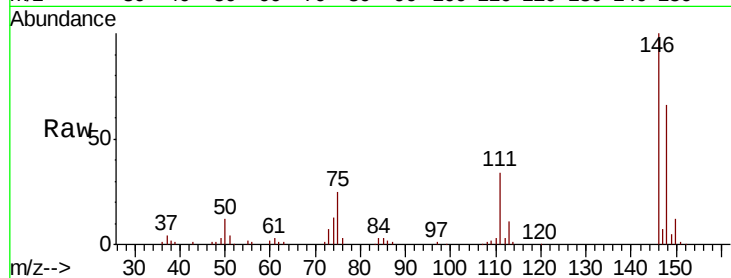




#13
 1,4-Dichlorobenzene
 Concen: 43.803 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

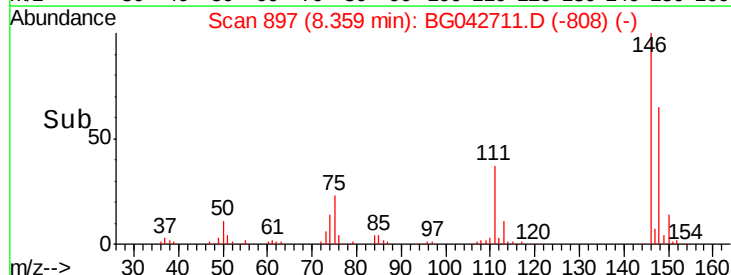
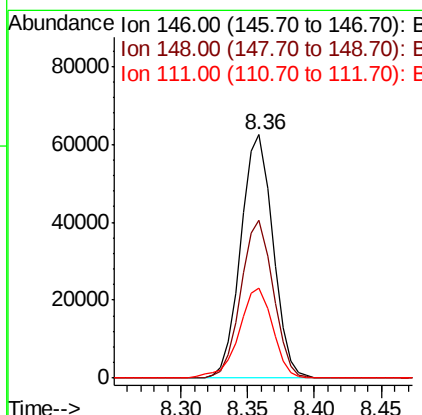
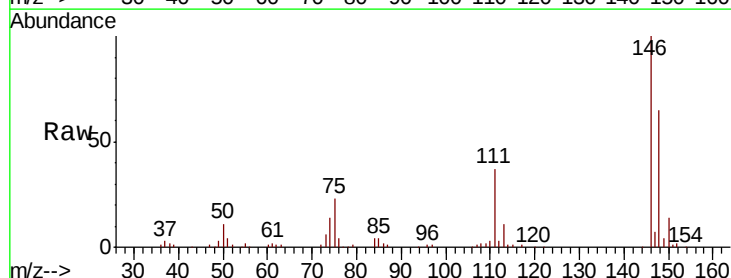
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 110435
 Ion Ratio Lower Upper
 146 100
 148 65.9 49.5 74.3
 111 33.9 28.1 42.1



#14
 1,2-Dichlorobenzene
 Concen: 43.127 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion:146 Resp: 104126
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.8 77.6
 111 36.8 30.9 46.3





#15

Benzyl Alcohol

Concen: 42.959 ng

RT: 8.24 min Scan# 877

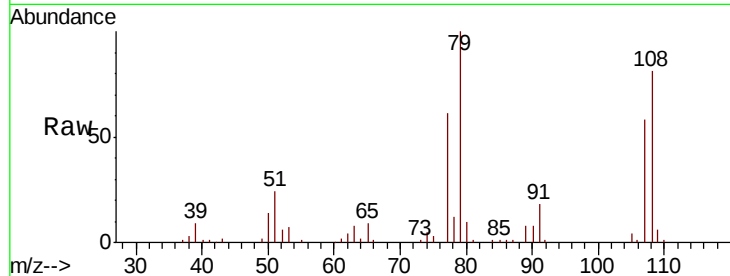
Delta R.T. -0.01 min

Lab File: BG042711.D

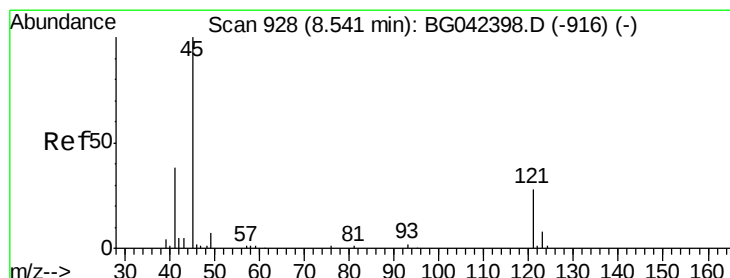
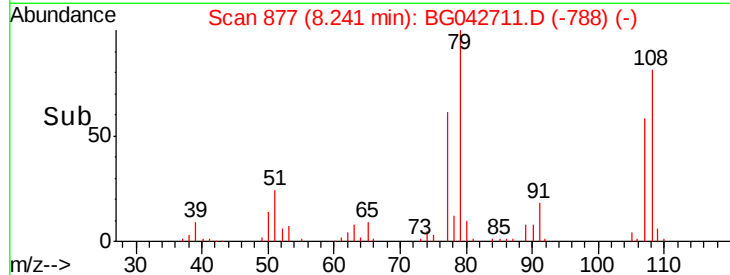
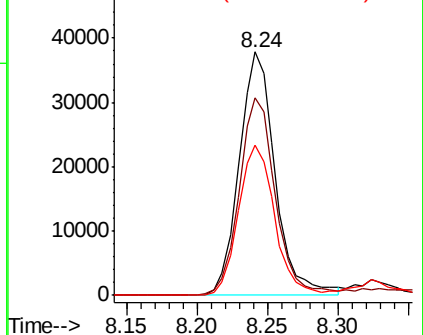
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampled :

Tot Ion:	79	Resp:	67399
Ion	Ratio	Lower	Upper
79	100		
108	81.1	67.4	101.2
77	61.4	50.8	76.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.822 ng

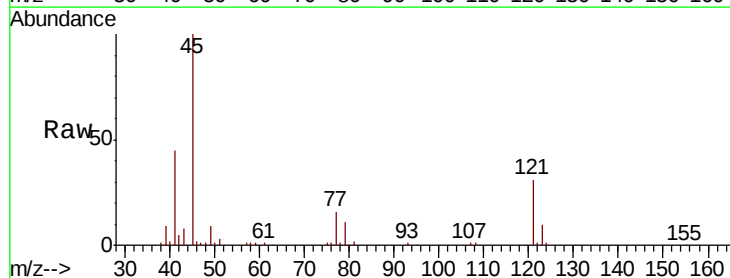
RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

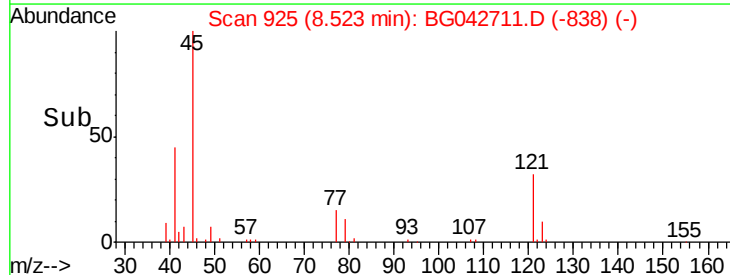
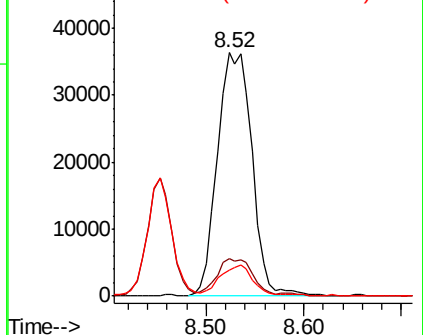
Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Tgt Ion:	45	Resp:	89267
Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	35.6
79	10.8	0.0	31.6



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

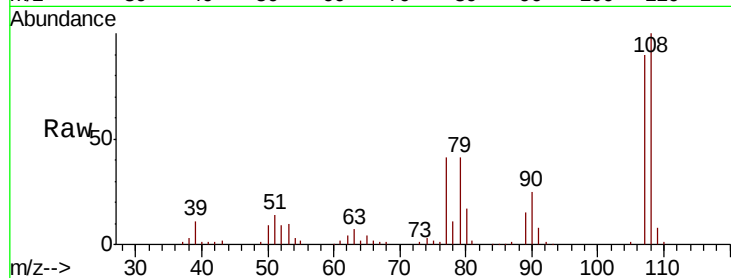




#17
2-Methylphenol
Concen: 42.501 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	69409
Ion	Ratio	Lower	Upper
107	100		
108	111.6	92.9	139.3
77	45.7	34.4	51.6
79	45.8	33.8	50.6



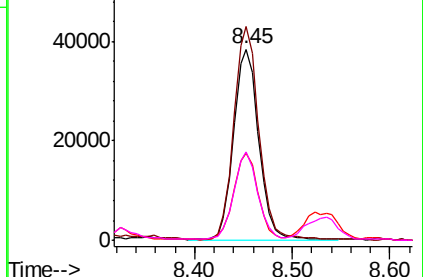
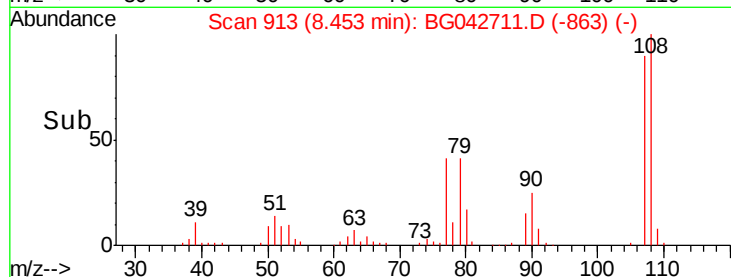
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

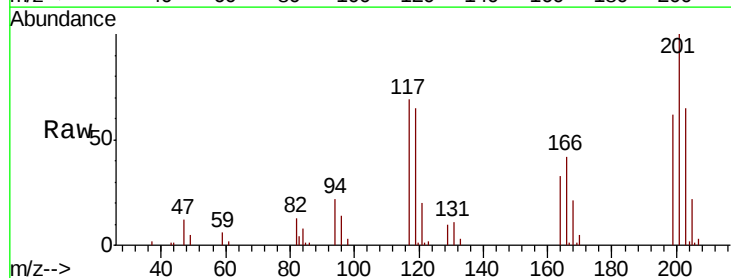
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.364 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion:	117	Resp:	36565
Ion	Ratio	Lower	Upper
117	100		
119	94.6	73.8	110.8
201	145.4	108.3	162.5

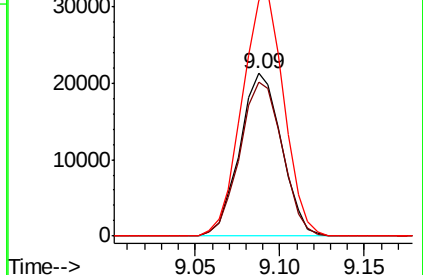
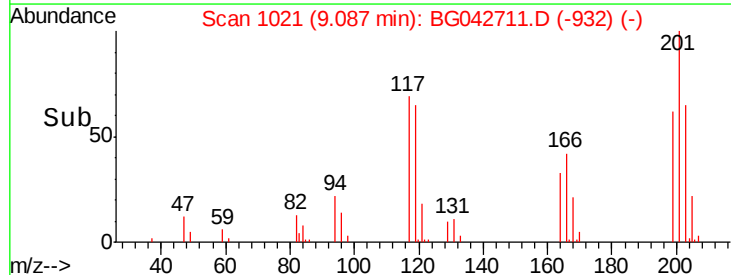


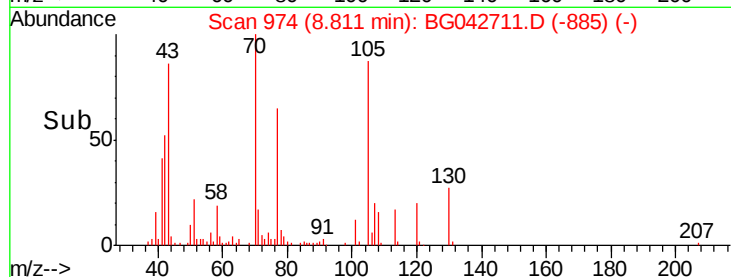
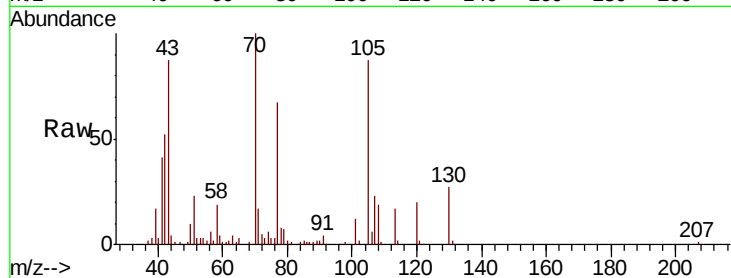
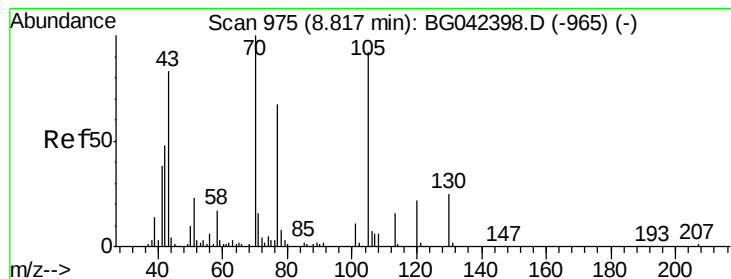
Abundance

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: 39.757 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 56169

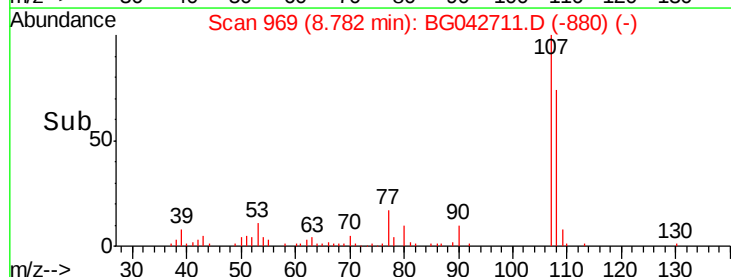
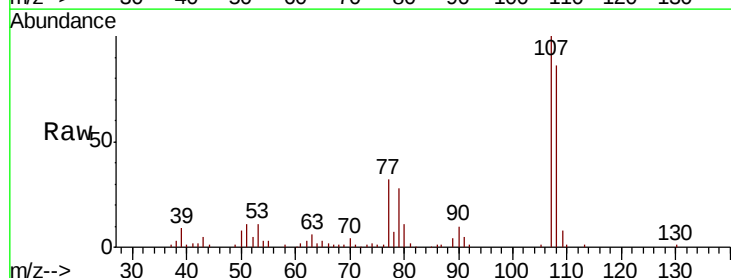
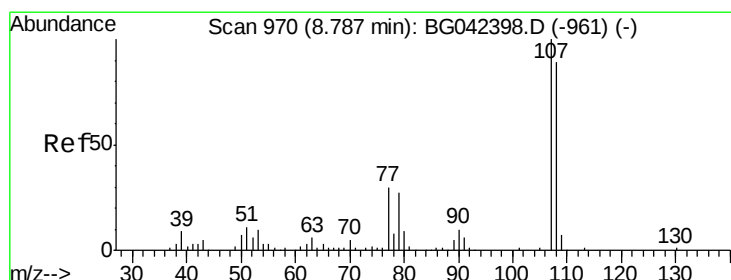
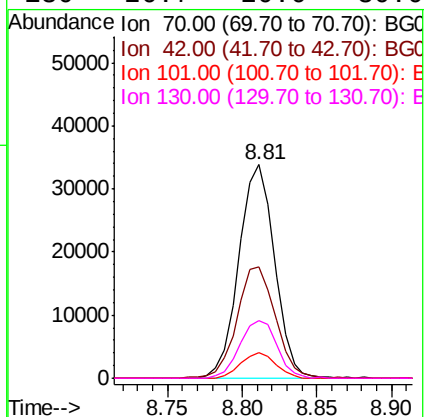
Ion Ratio Lower Upper

70 100

42 52.0 38.8 58.2

101 12.0 9.0 13.6

130 26.7 20.0 30.0



#20

3+4-Methylphenols

Concen: 40.083 ng

RT: 8.78 min Scan# 969

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Tgt Ion: 107 Resp: 90581

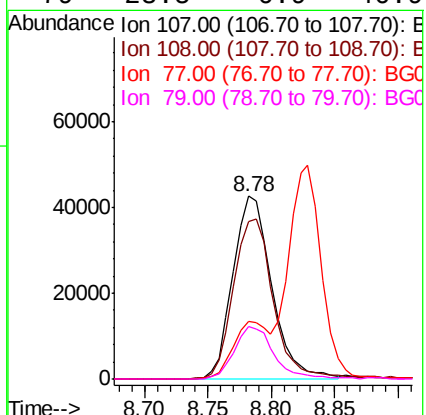
Ion Ratio Lower Upper

107 100

108 86.4 68.7 108.7

77 31.7 10.2 50.2

79 28.5 6.9 46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 118803

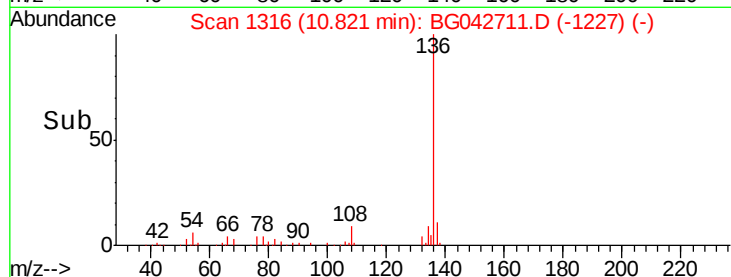
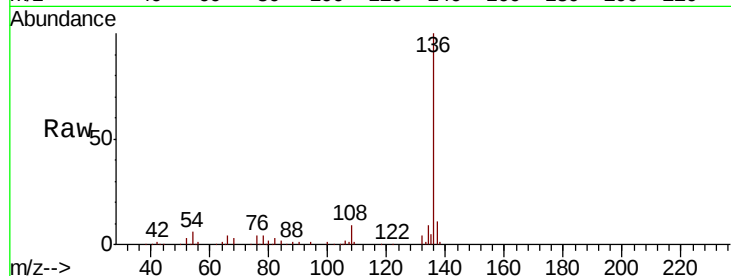
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 5.7 4.9 7.3

68 3.1 3.6 5.4#



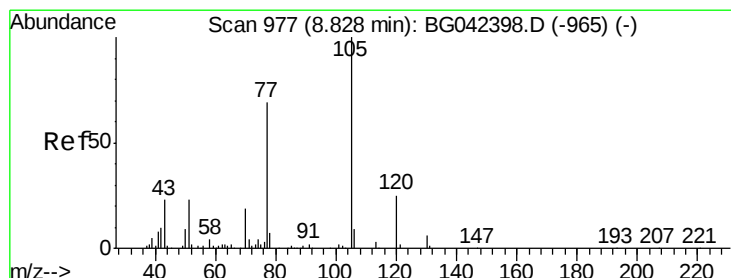
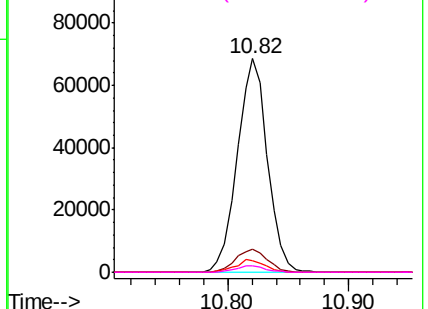
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 51.358 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Tgt Ion:105 Resp: 130501

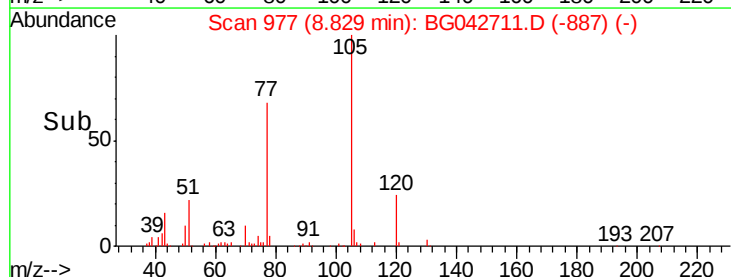
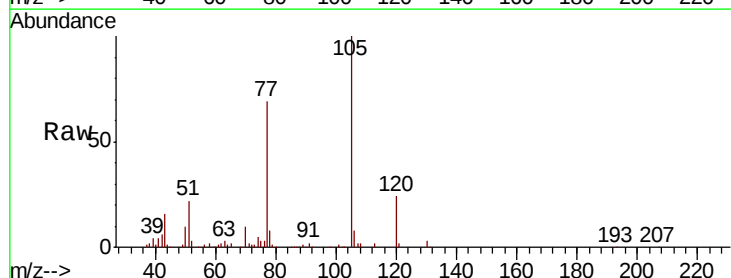
Ion Ratio Lower Upper

105 100

71 1.6 2.8 4.2#

51 22.2 18.7 28.1

120 24.0 20.1 30.1



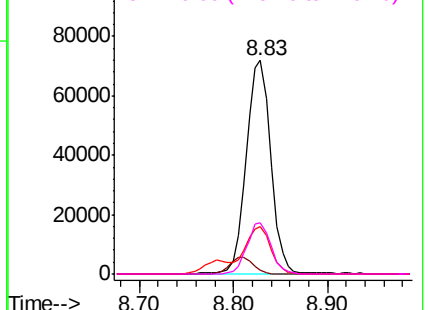
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

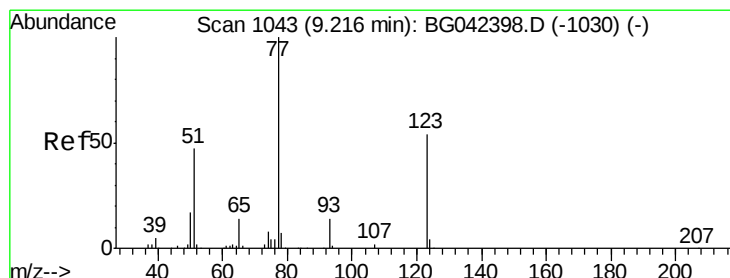
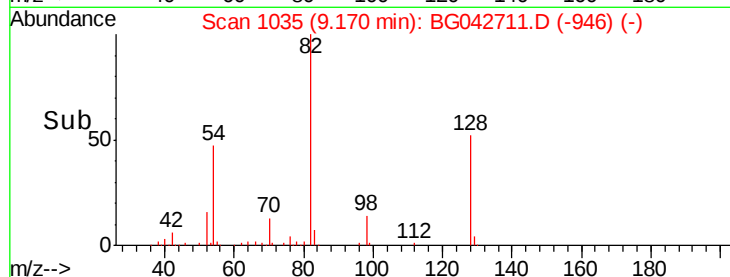
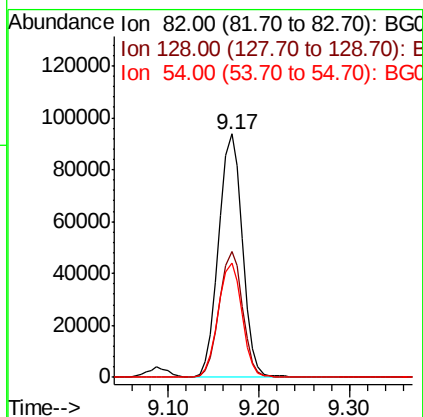
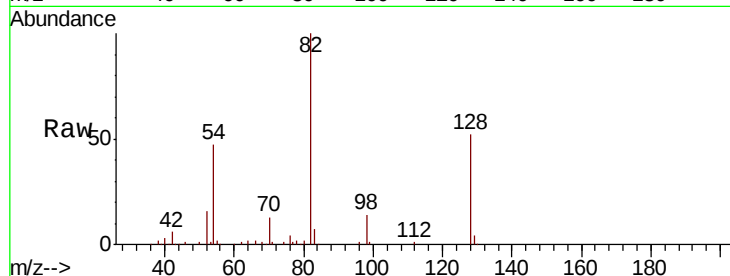




#23
 Nitrobenzene-d5
 Concen: 99.235 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

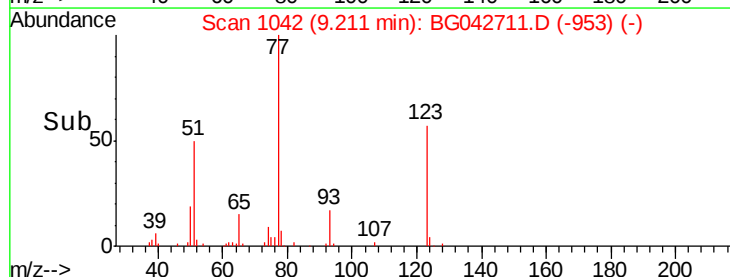
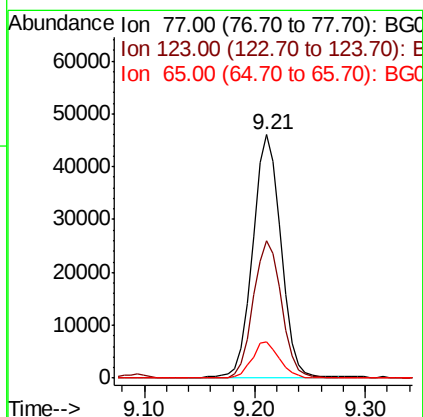
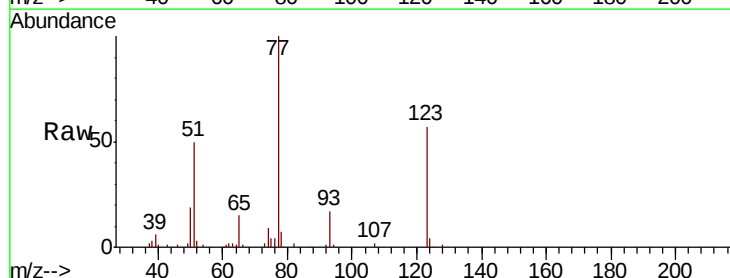
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	170604
Ion Ratio	Lower	Upper	
82	100		
128	51.5	40.7	61.1
54	46.9	36.3	54.5



#24
 Nitrobenzene
 Concen: 47.574 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion	77	Resp	82823
Ion Ratio	Lower	Upper	
77	100		
123	56.6	43.4	65.0
65	14.6	11.0	16.6

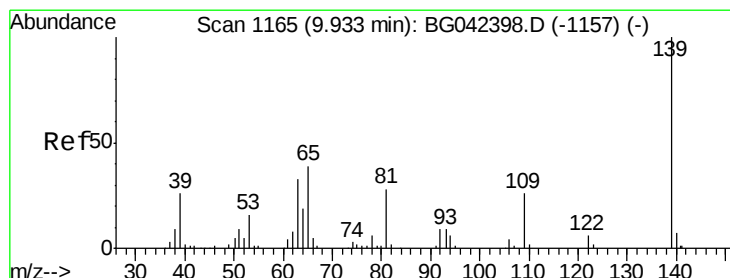
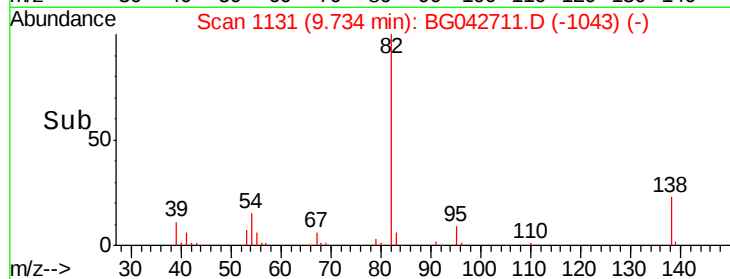
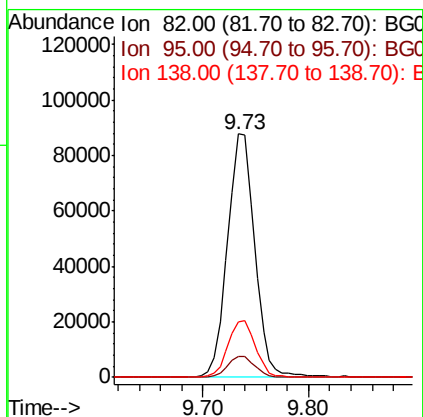
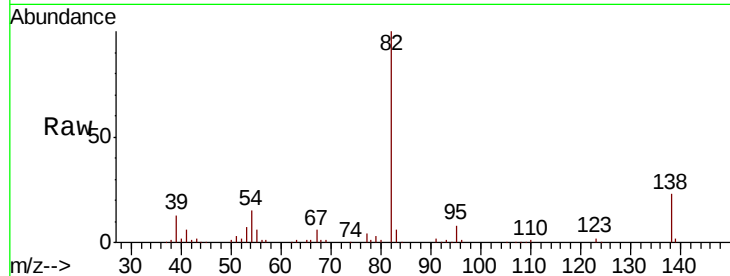




#25
Isophorone
Concen: 46.230 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

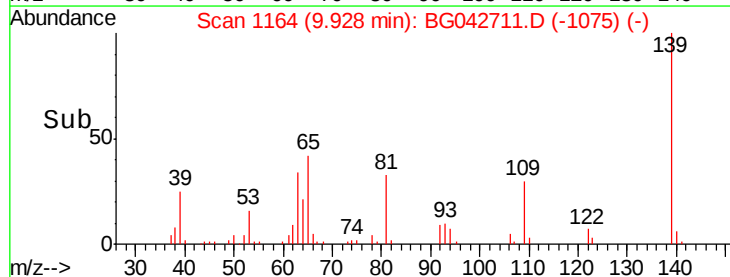
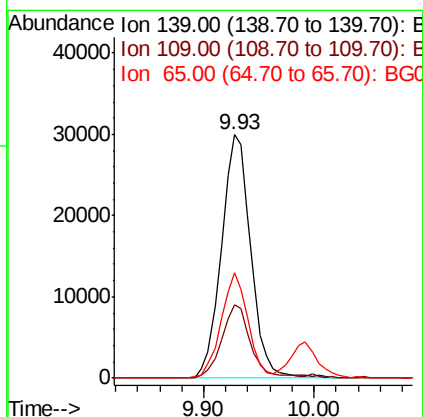
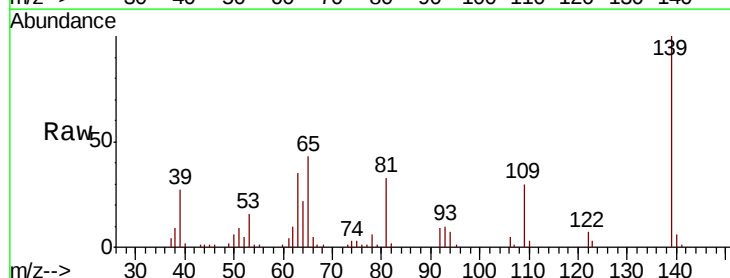
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 156852
Ion Ratio Lower Upper
82 100
95 8.5 6.6 9.8
138 22.6 18.6 27.8



#26
2-Nitrophenol
Concen: 50.964 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion: 139 Resp: 55601
Ion Ratio Lower Upper
139 100
109 30.1 20.5 30.7
65 43.3 30.9 46.3

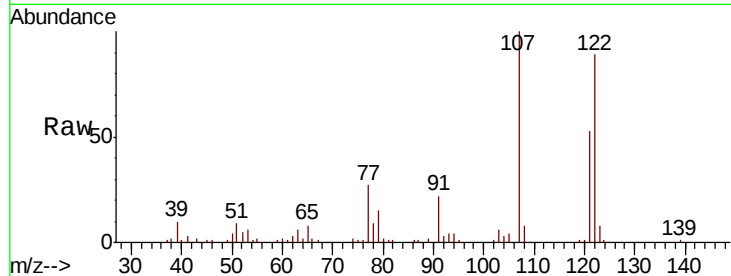




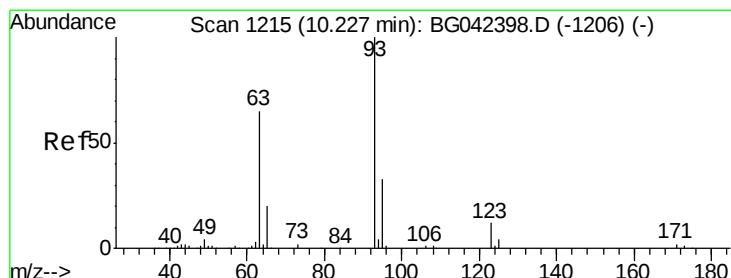
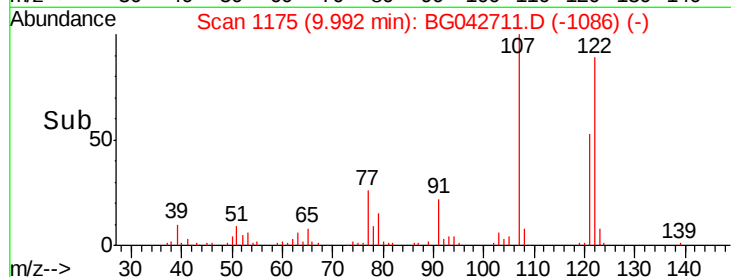
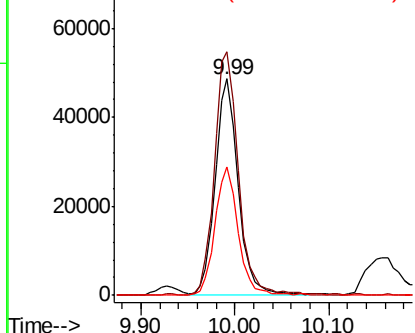
#27
 2,4-Dimethylphenol
 Concen: 55.973 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 84117
 Ion Ratio Lower Upper
 122 100
 107 112.7 90.8 136.2
 121 59.5 49.6 74.4

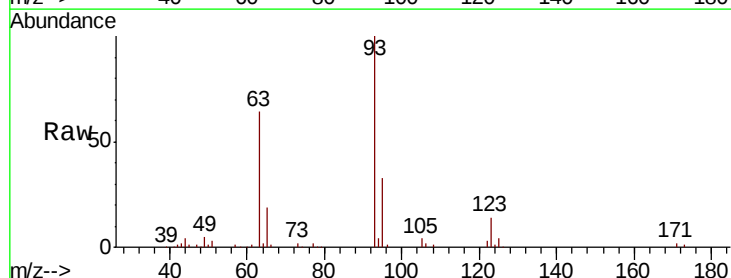


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

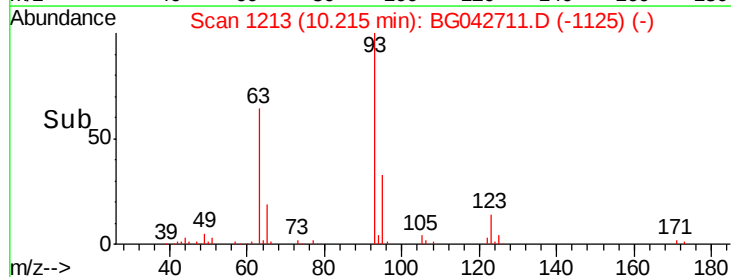
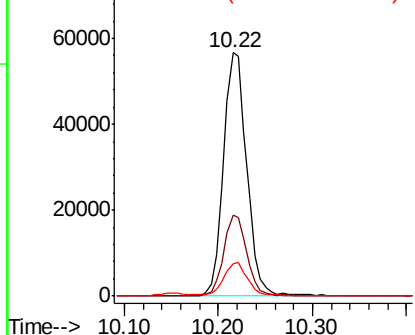


#28
 bis(2-Chloroethoxy)methane
 Concen: 45.726 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion: 93 Resp: 97783
 Ion Ratio Lower Upper
 93 100
 95 33.0 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

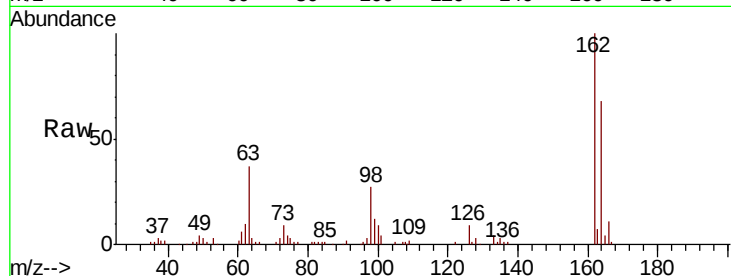




#29
 2,4-Dichlorophenol
 Concen: 54.045 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.1	48.1	88.1
98	26.7	7.6	47.6

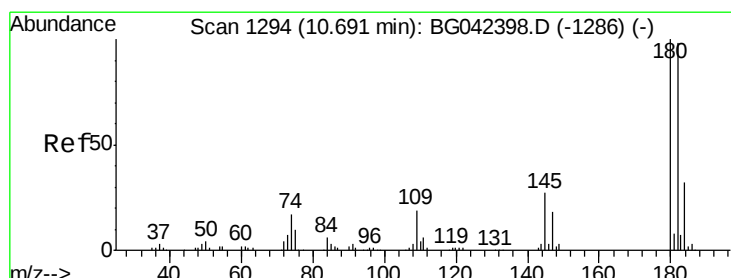
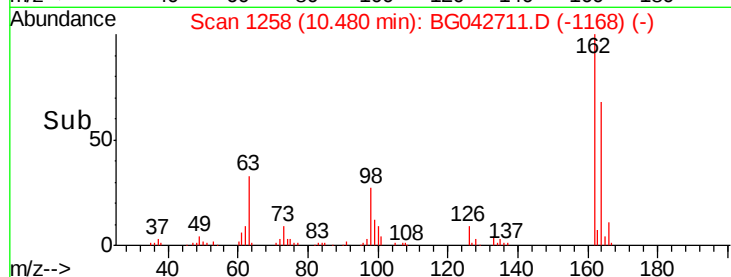
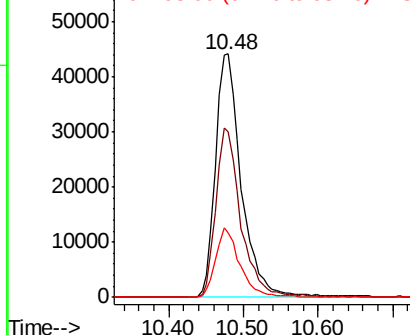


Abundance

Ion 162.00 (161.70 to 162.70): E

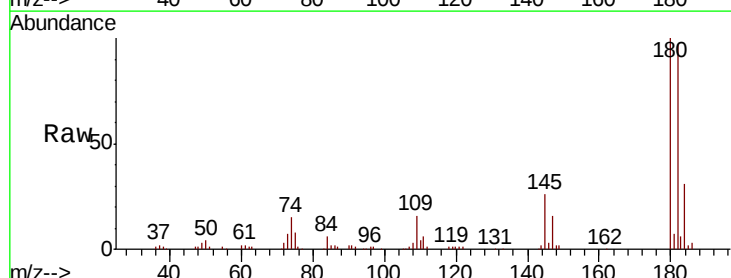
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 50.984 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	78.7	118.1
145	25.9	21.6	32.4

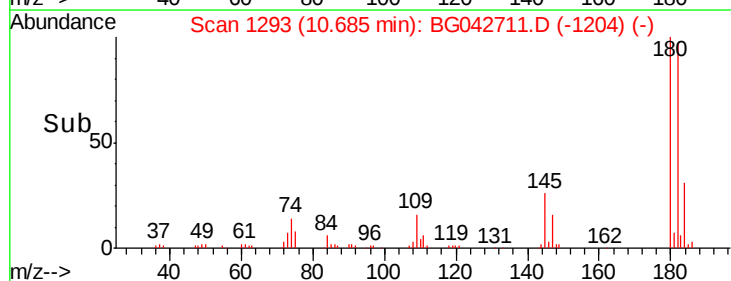
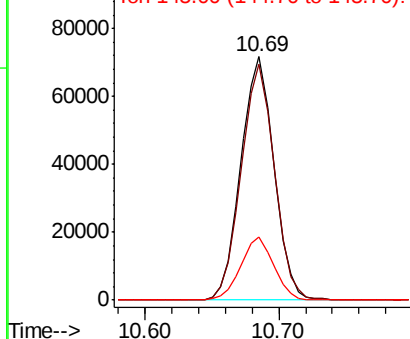


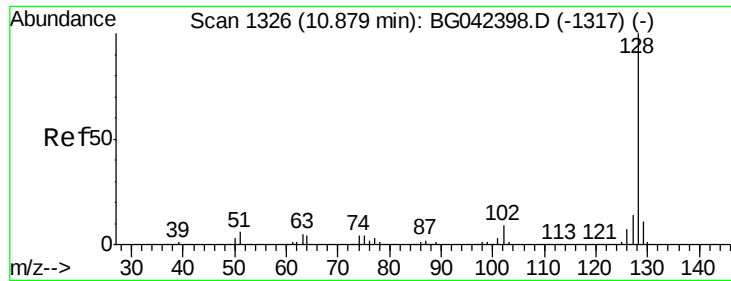
Abundance

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

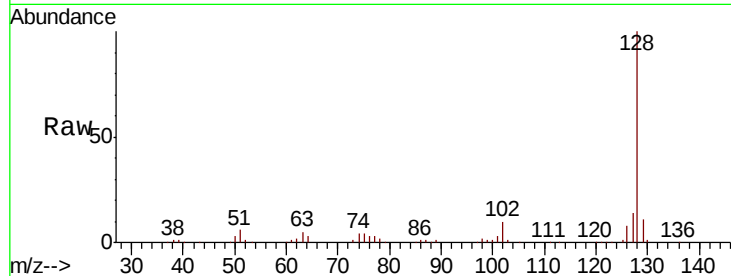




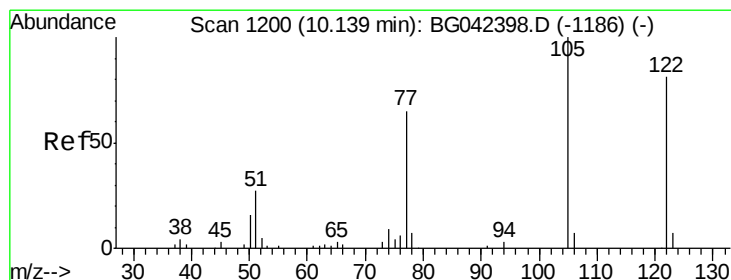
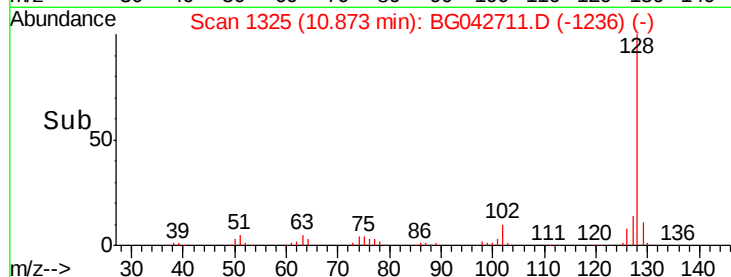
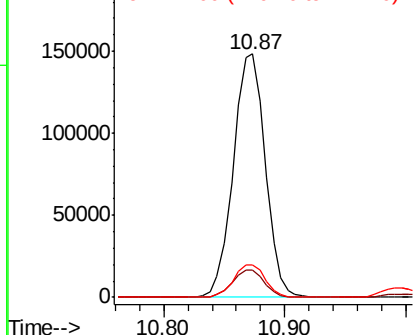
#31
Naphthalene
Concen: 49.694 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 274096
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 11.4 17.0

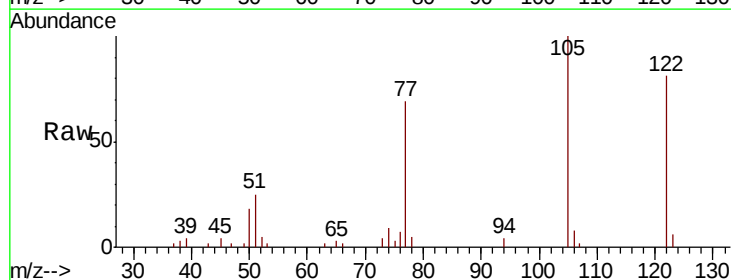


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

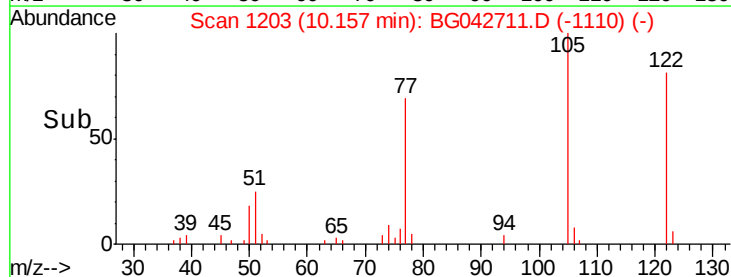
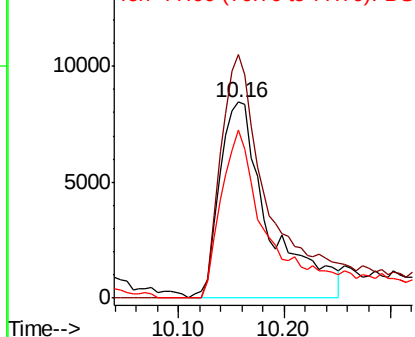


#32
Benzoic acid
Concen: 29.102 ng
RT: 10.16 min Scan# 1203
Delta R.T. 0.02 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion:122 Resp: 27513
Ion Ratio Lower Upper
122 100
105 124.1 99.6 139.6
77 86.0 59.5 99.5



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

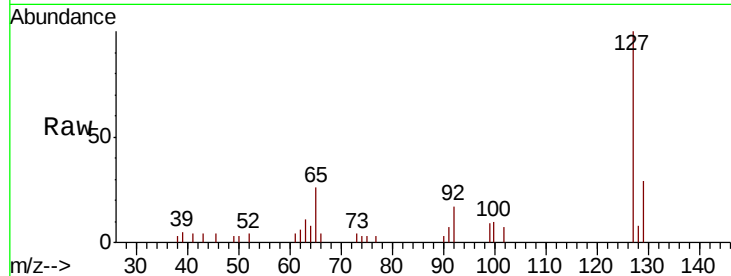




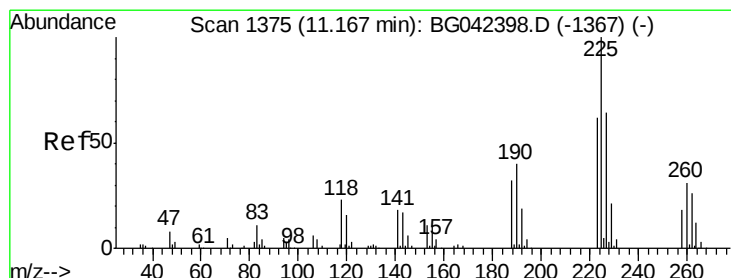
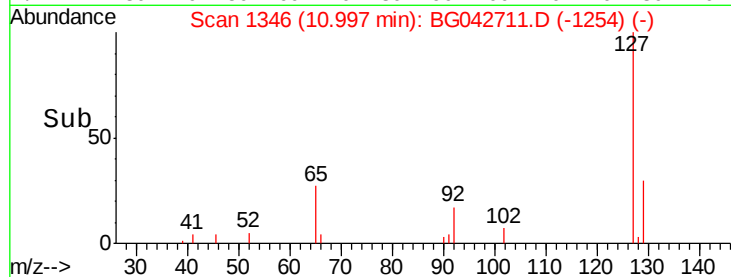
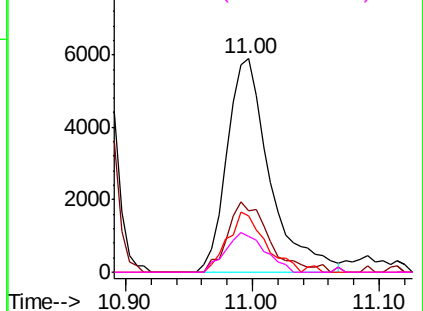
#33
4-Chloroaniline
Concen: 5.403 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	13757
Ion	Ratio	Lower	Upper
127	100		
129	28.8	26.8	40.2
65	26.4	20.7	31.1
92	16.9	13.6	20.4

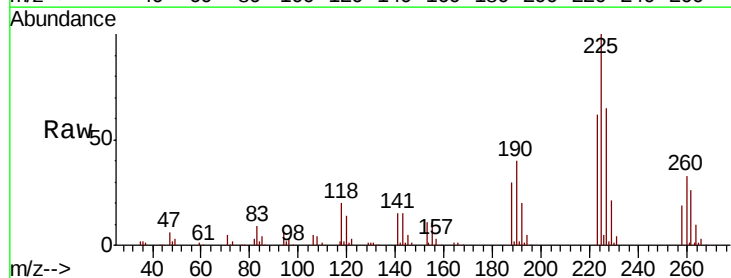


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

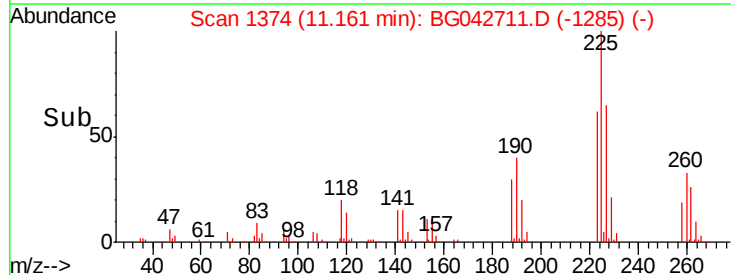
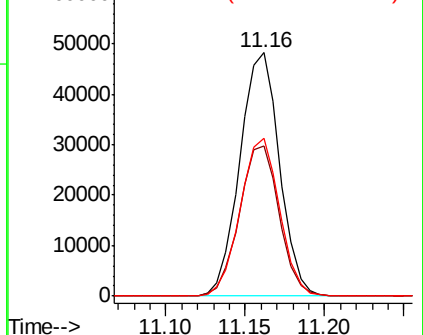


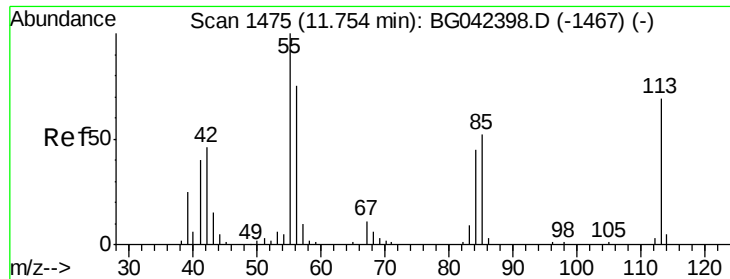
#34
Hexachlorobutadiene
Concen: 51.722 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion:	225	Resp:	83891
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.8	74.6
227	64.8	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

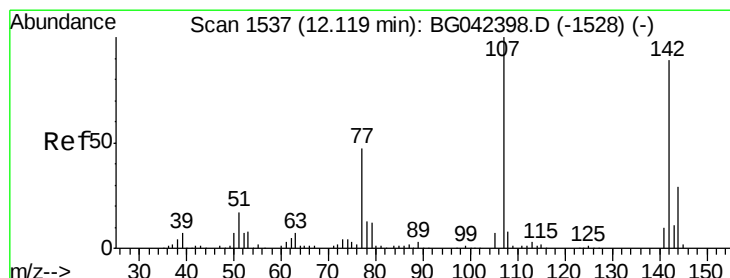
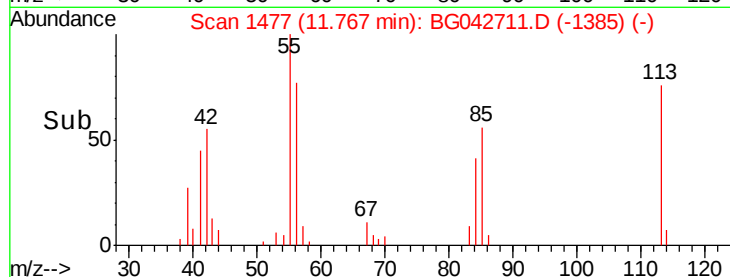
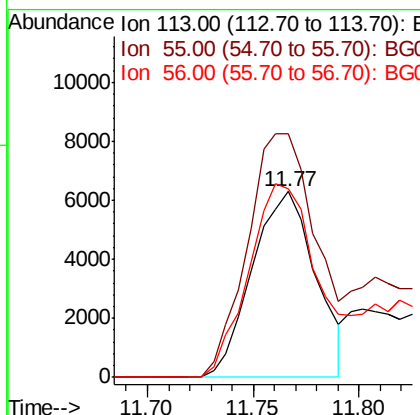
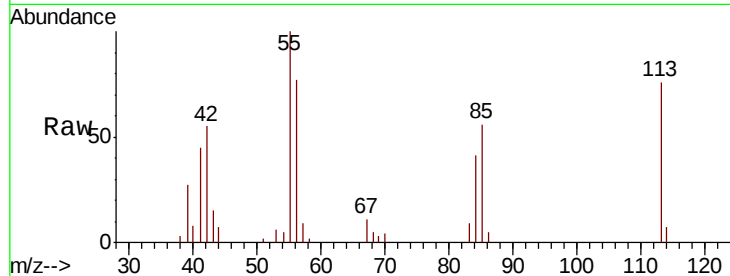




#35
 Caprolactam
 Concen: 20.005 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

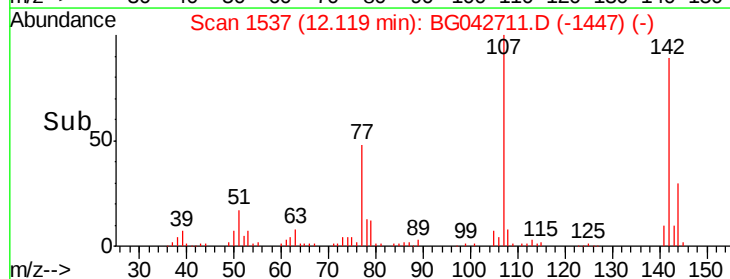
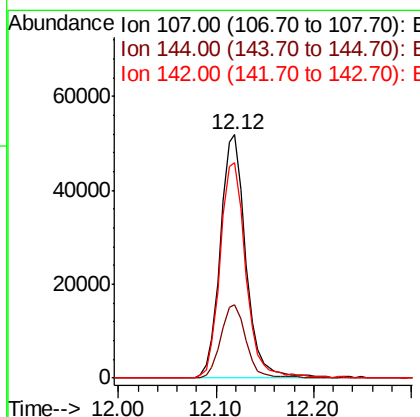
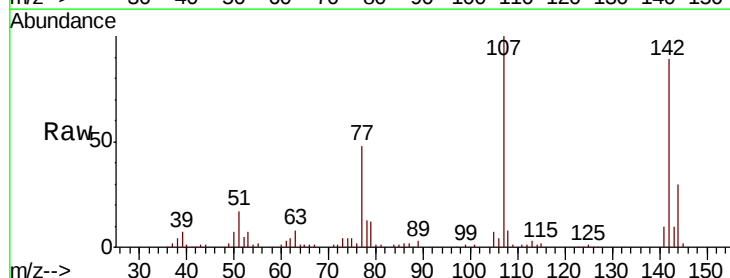
Instrument :
 BNA_G
 ClientSampled :

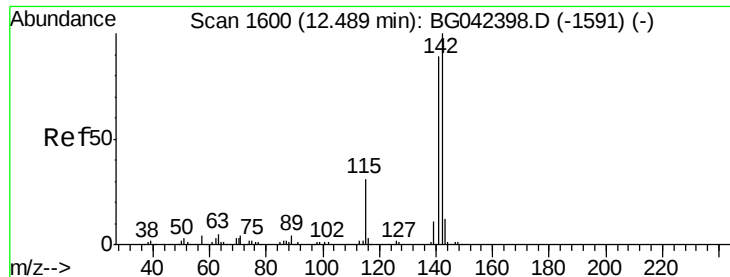
Tot Ion:113 Resp: 13125
 Ion Ratio Lower Upper
 113 100
 55 131.1 124.6 164.6
 56 101.4 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 50.399 ng
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion:107 Resp: 94070
 Ion Ratio Lower Upper
 107 100
 144 29.9 23.6 35.4
 142 88.5 71.0 106.4

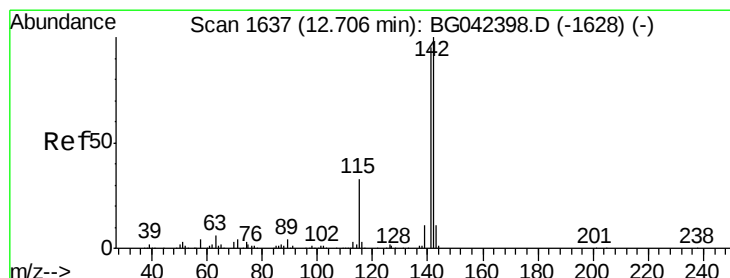
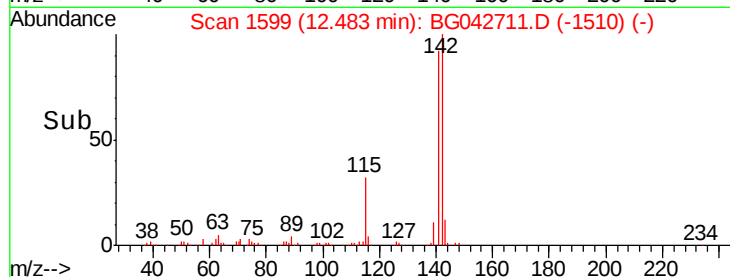
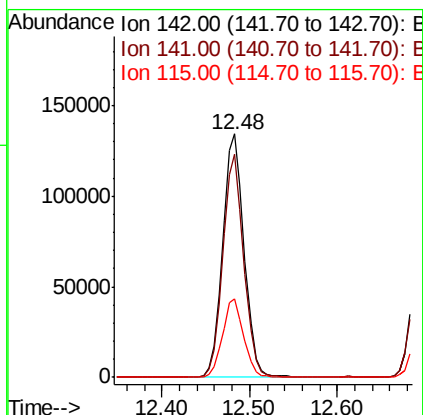
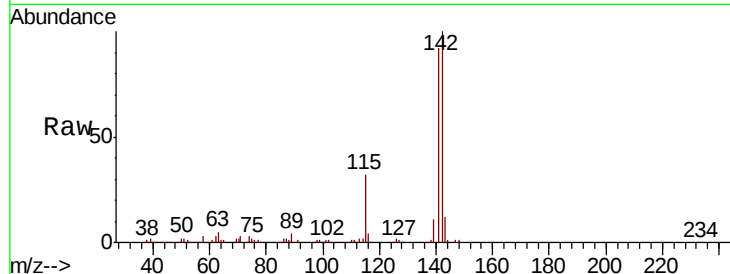




#37
 2-Methylnaphthalene
 Concen: 50.687 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

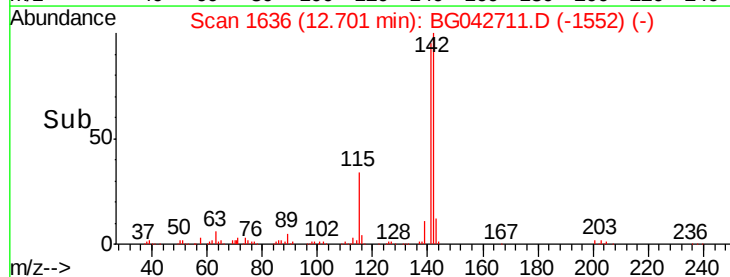
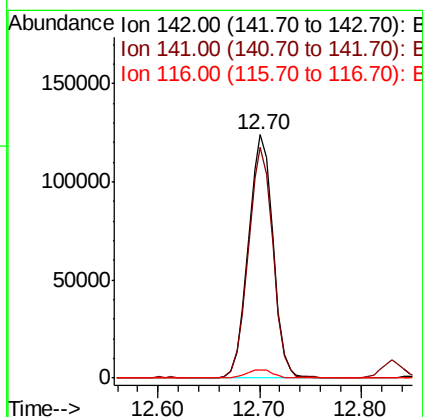
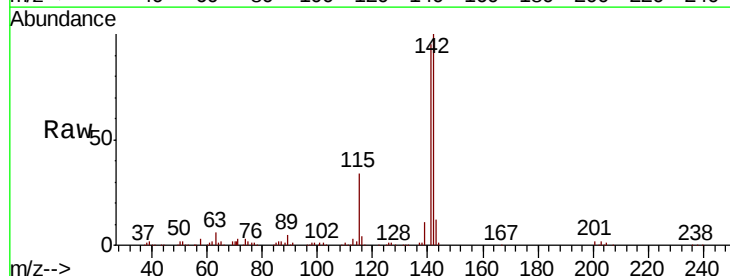
Instrument :
 BNA_G
 ClientSampleId :

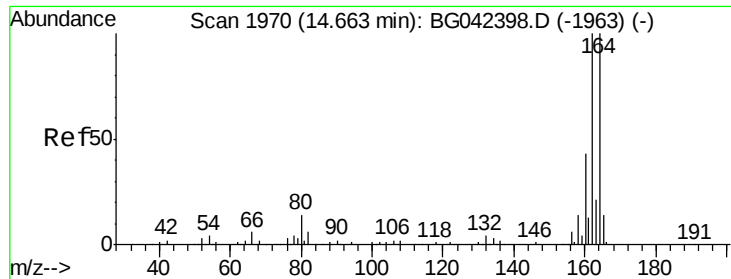
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.4	107.2
115	32.0	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 49.601 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	76.2	114.2
116	3.6	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampleId :

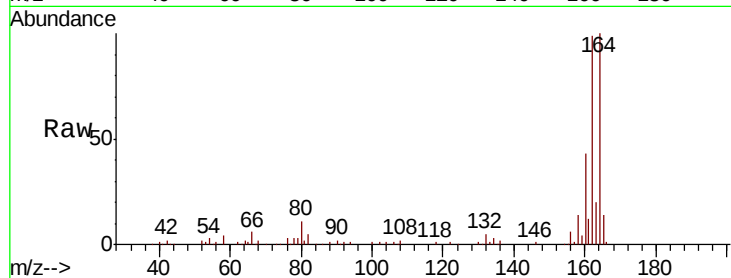
Tot Ion:164 Resp: 90201

Ion Ratio Lower Upper

164 100

162 98.8 79.9 119.9

160 42.6 34.3 51.5

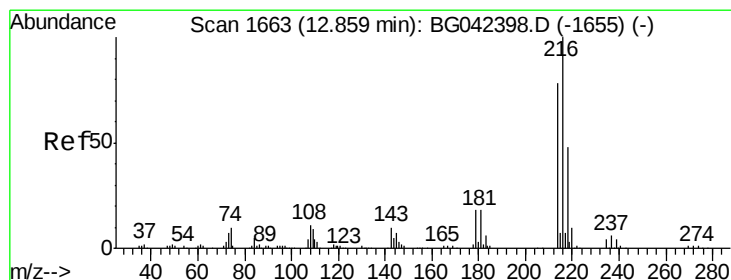
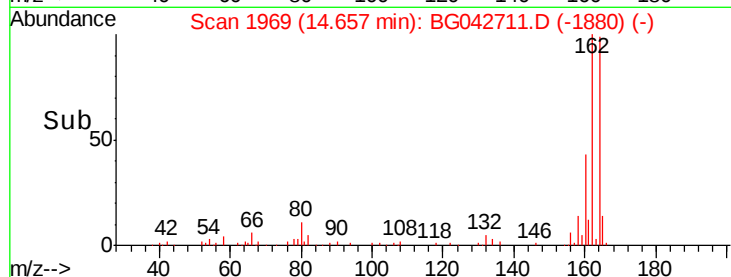
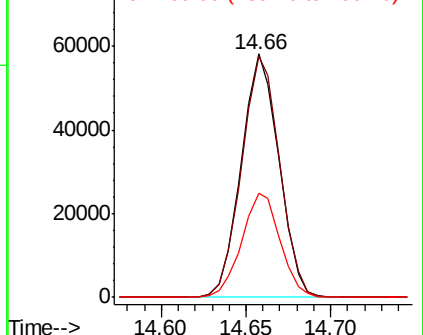


Abundance

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: 54.065 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Tgt Ion:216 Resp: 156610

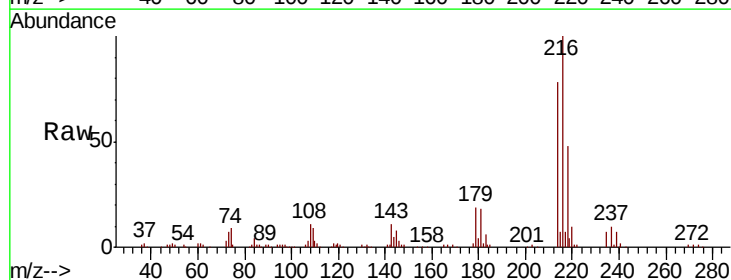
Ion Ratio Lower Upper

216 100

214 76.7 61.4 92.2

179 18.2 15.1 22.7

108 11.8 9.4 14.0



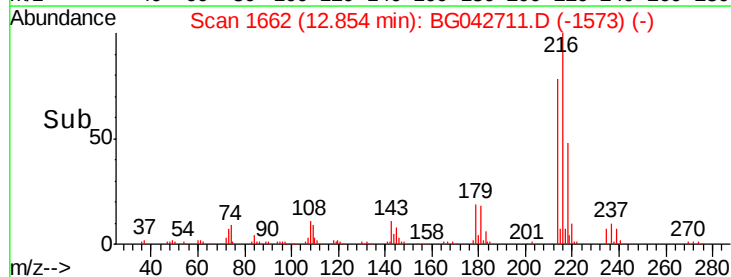
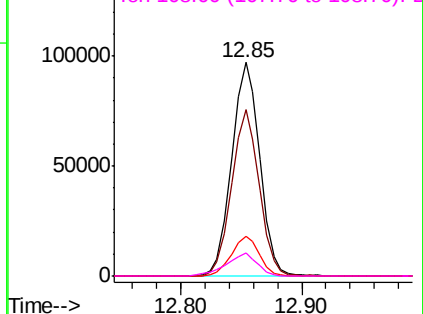
Abundance

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: 100.845 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampleId :

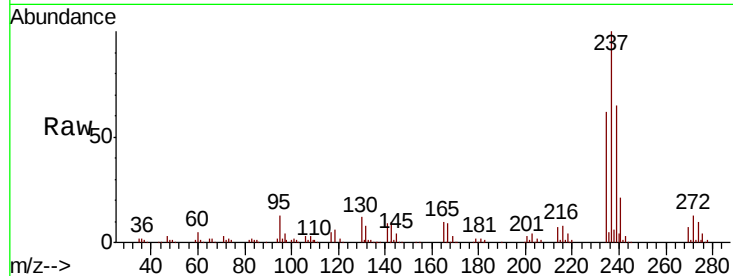
Tot Ion:237 Resp: 153445

Ion Ratio Lower Upper

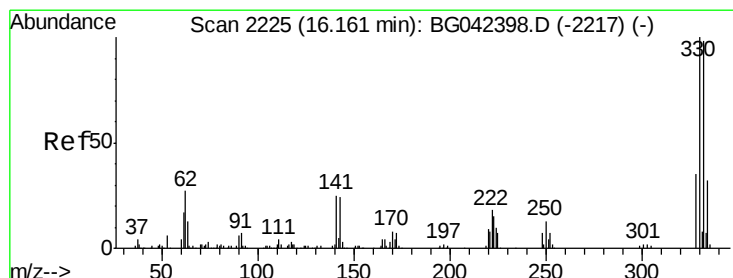
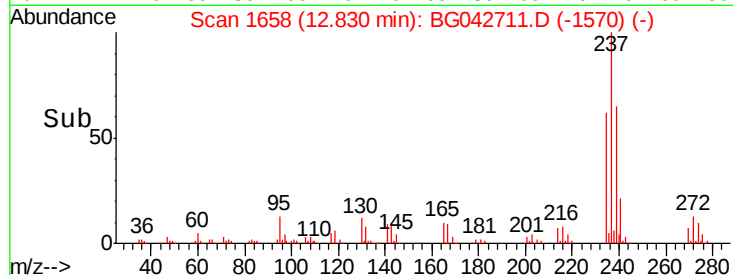
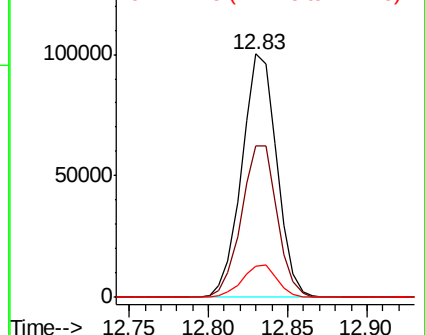
237 100

235 62.2 43.7 83.7

272 13.0 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: 158.463 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

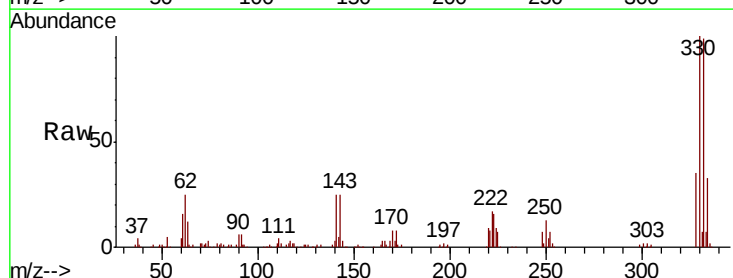
Tgt Ion:330 Resp: 203159

Ion Ratio Lower Upper

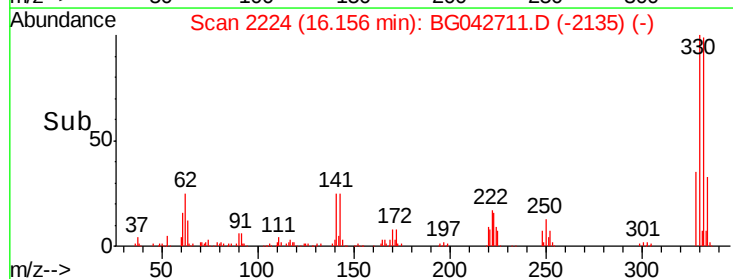
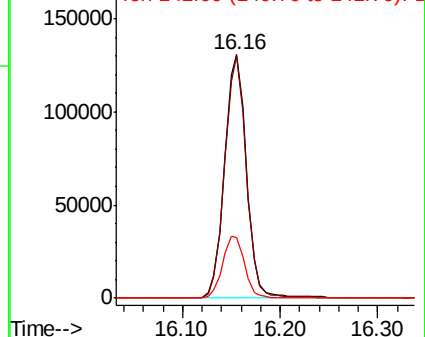
330 100

332 98.1 77.4 116.0

141 25.7 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

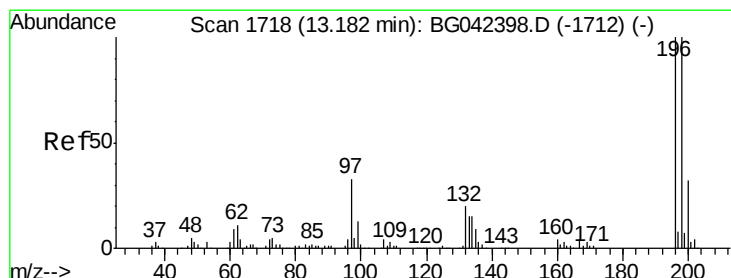
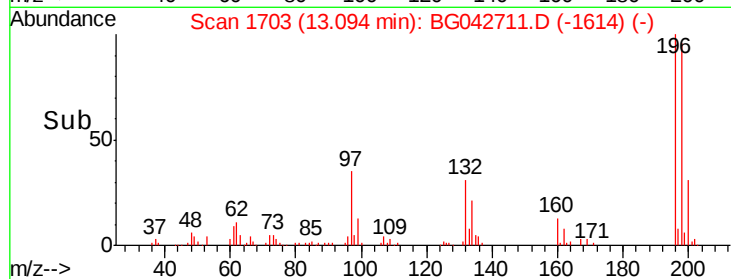
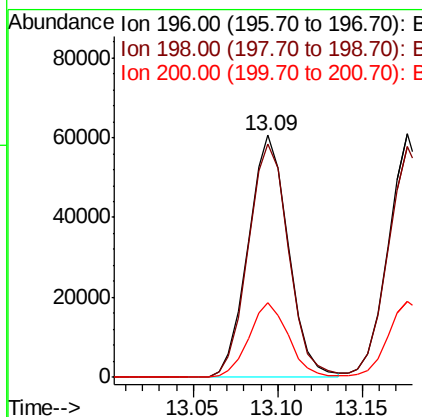
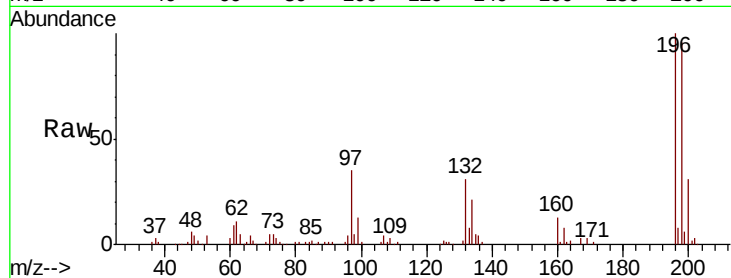




#43
 2,4,6-Trichlorophenol
 Concen: 50.993 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

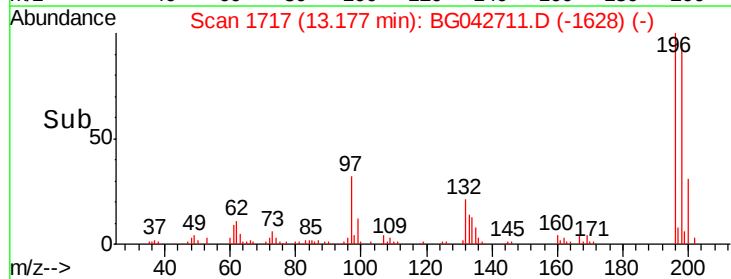
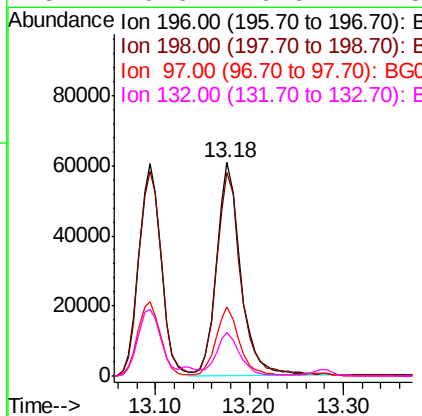
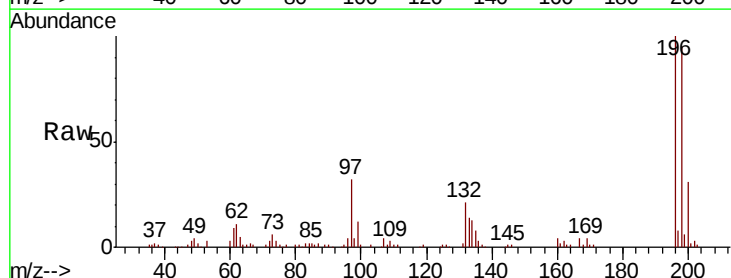
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 99843
 Ion Ratio Lower Upper
 196 100
 198 96.5 80.7 121.1
 200 30.6 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 53.482 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion:196 Resp: 108515
 Ion Ratio Lower Upper
 196 100
 198 95.0 80.2 120.4
 97 32.1 26.3 39.5
 132 20.6 16.6 24.8

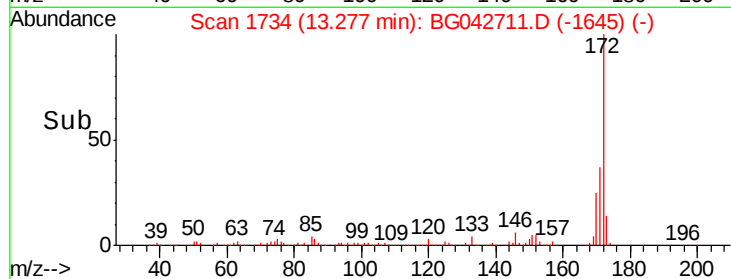
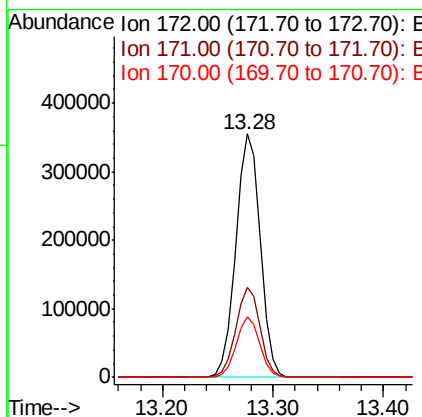
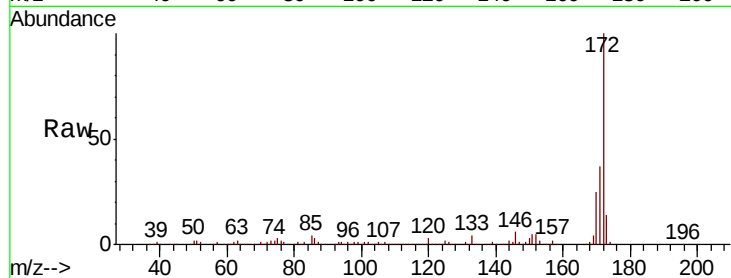




#45
 2-Fluorobiphenyl
 Concen: 103.550 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

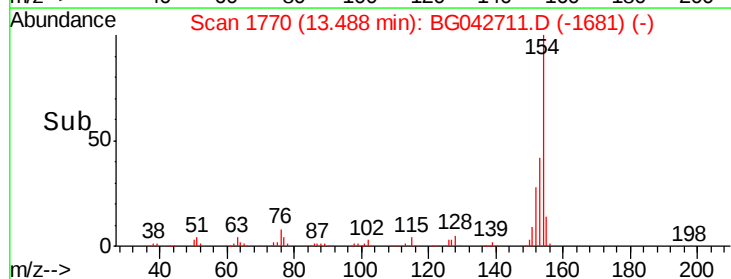
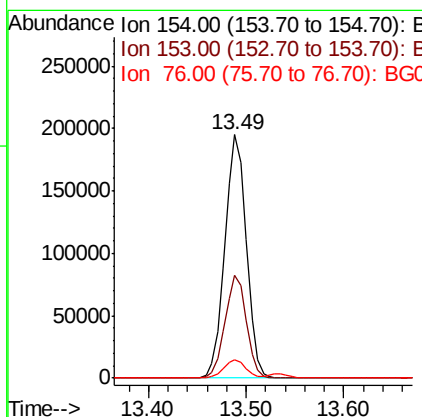
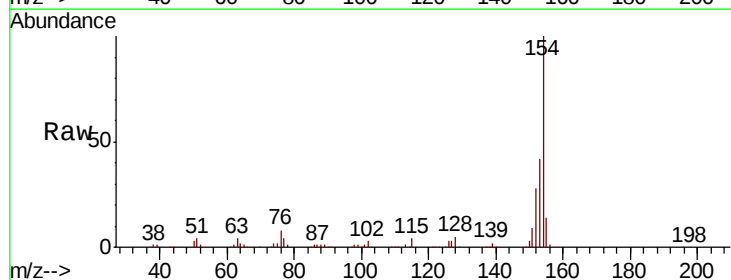
Instrument :
 BNA_G
 ClientSampleId :

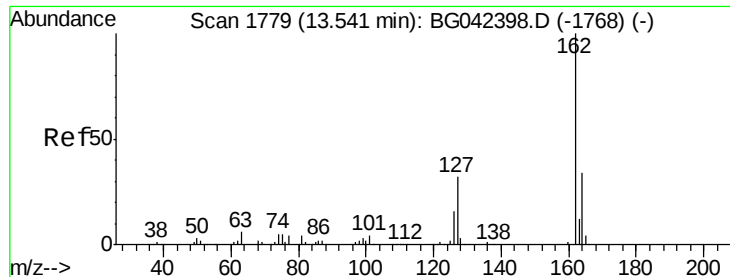
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.7	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 51.055 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	23.0	63.0
76	7.7	0.0	29.6





#47

2-Chloronaphthalene

Concen: 48.777 ng

RT: 13.54 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampleId :

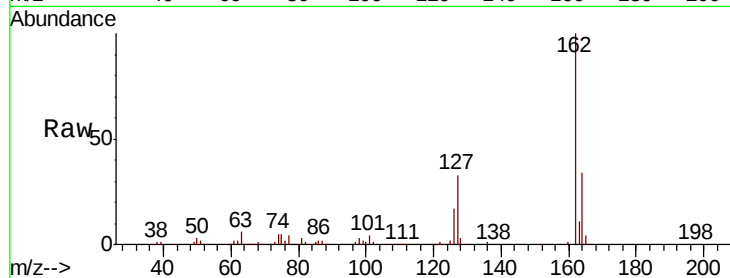
Tot Ion:162 Resp: 245230

Ion Ratio Lower Upper

162 100

127 32.9 26.0 39.0

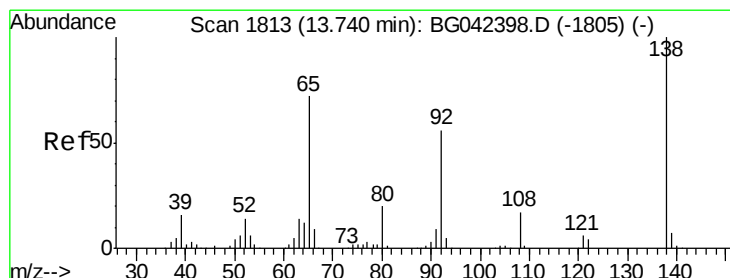
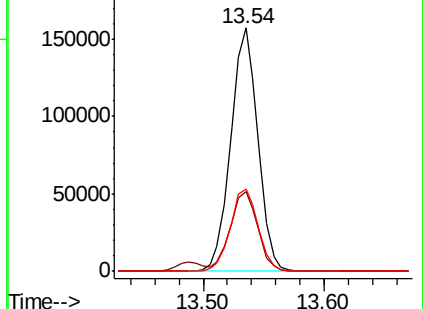
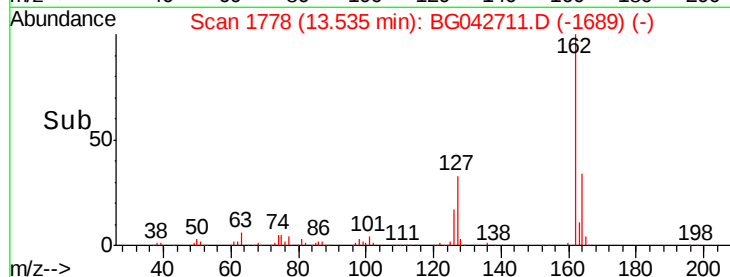
164 33.7 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.917 ng

RT: 13.73 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

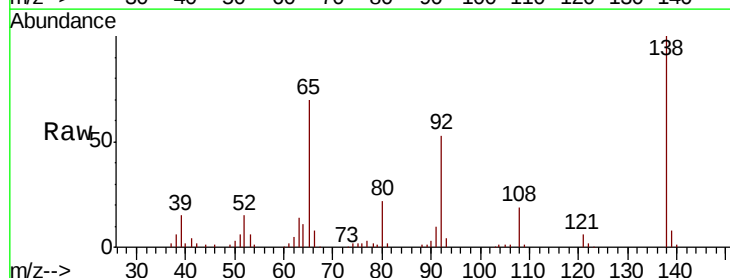
Tgt Ion: 65 Resp: 54456

Ion Ratio Lower Upper

65 100

92 76.6 61.8 92.6

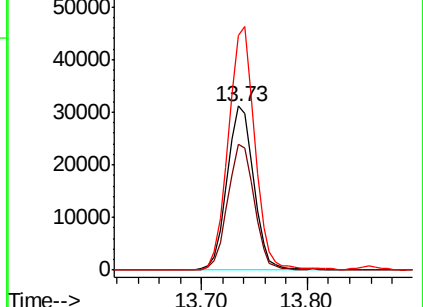
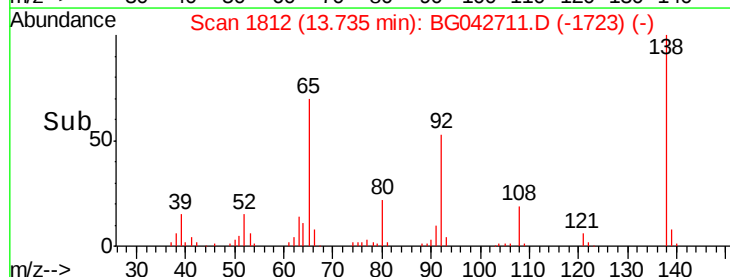
138 143.2 111.0 166.6

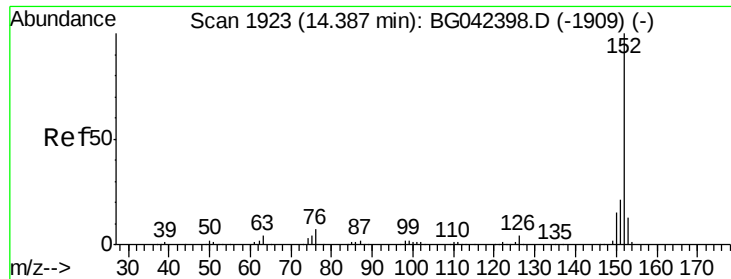


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 51.494 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

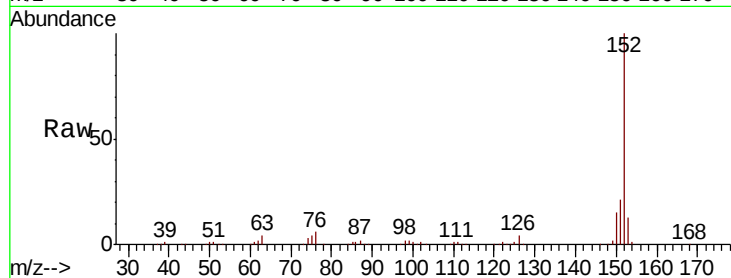
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 389487

Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.0	25.4
153	13.2	10.6	16.0

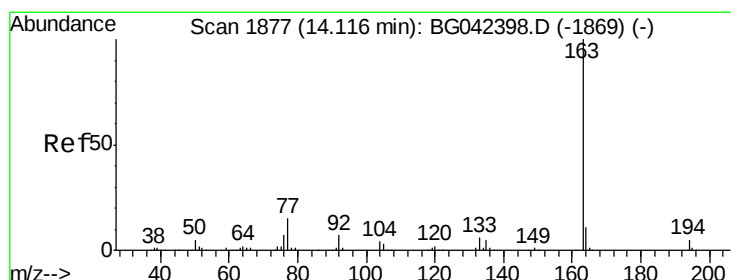
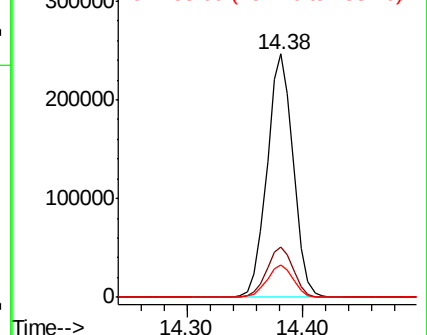
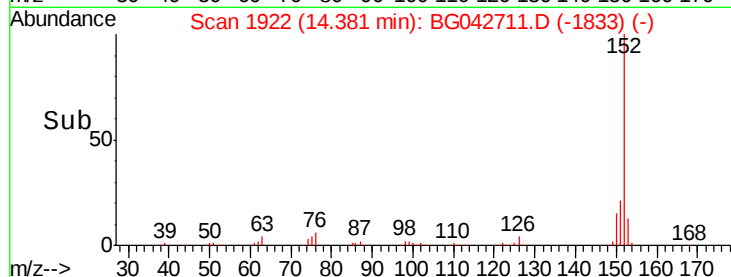


Abundance

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: 50.183 ng

RT: 14.11 min Scan# 1876

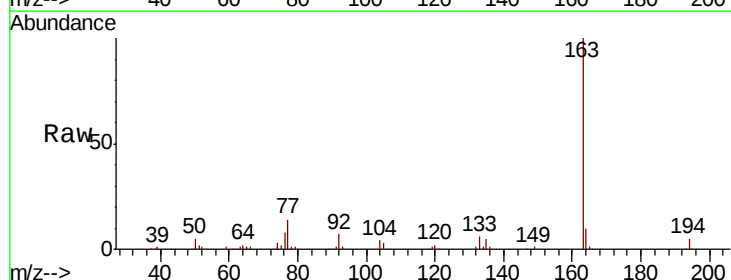
Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Tgt Ion:163 Resp: 326608

Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.2	6.2
164	10.4	8.8	13.2

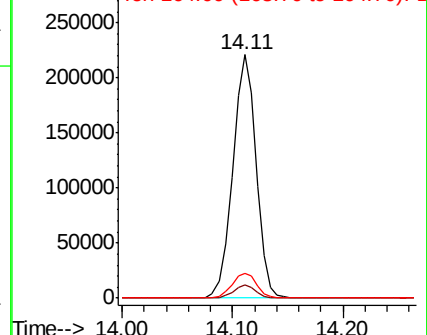
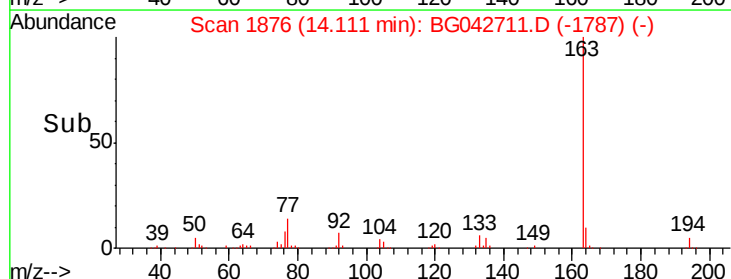


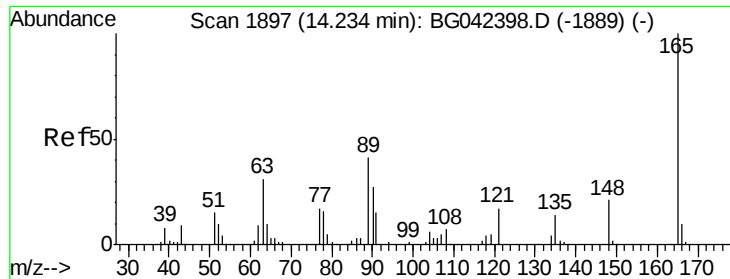
Abundance

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

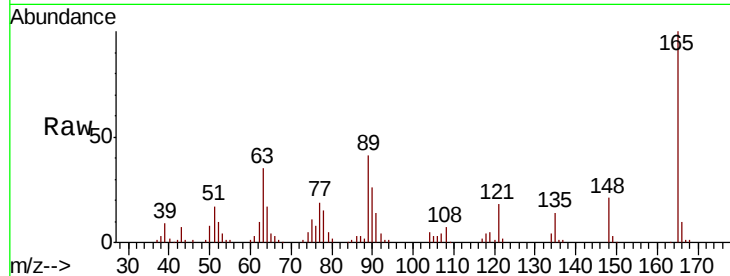




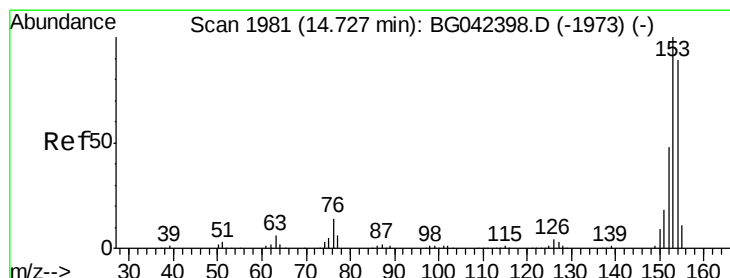
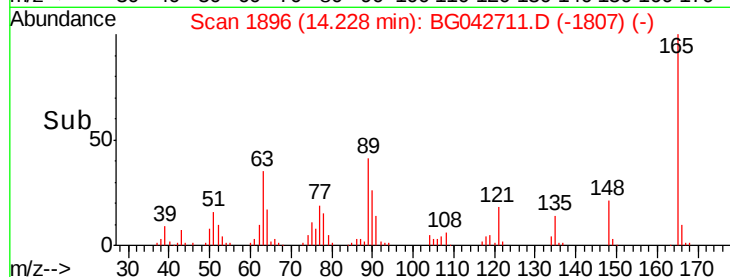
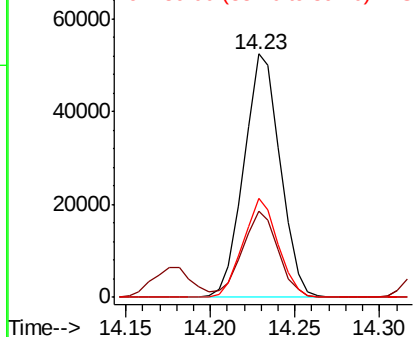
#51
 2,6-Dinitrotoluene
 Concen: 51.952 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 78374
 Ion Ratio Lower Upper
 165 100
 63 35.3 30.6 45.8
 89 40.8 32.6 49.0

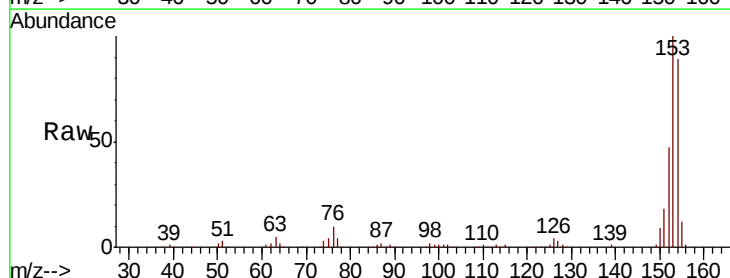


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

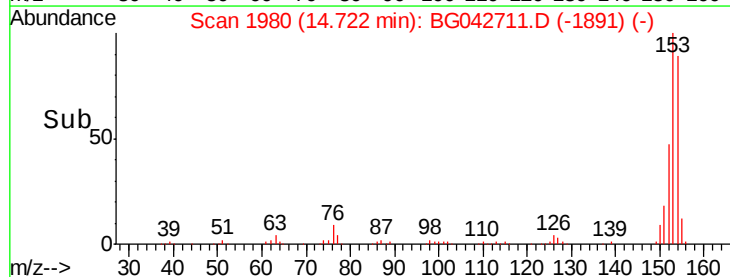
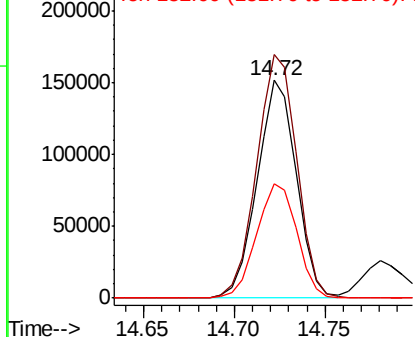


#52
 Acenaphthene
 Concen: 49.597 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion:154 Resp: 227794
 Ion Ratio Lower Upper
 154 100
 153 111.8 90.2 135.4
 152 52.8 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

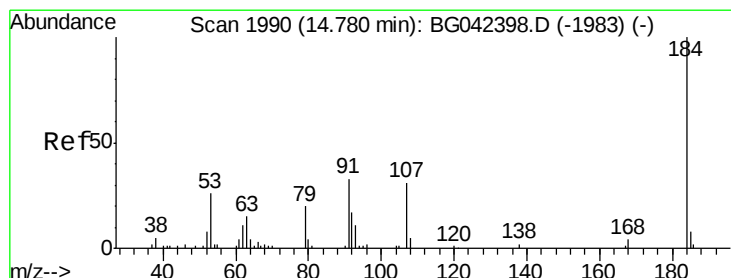
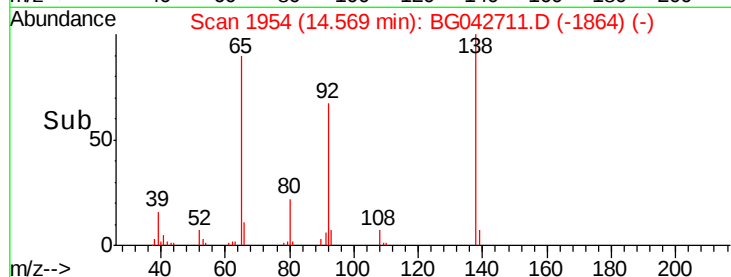
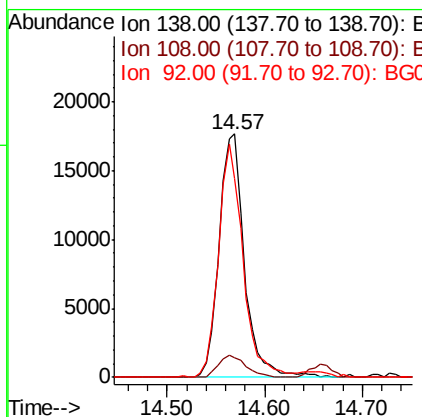
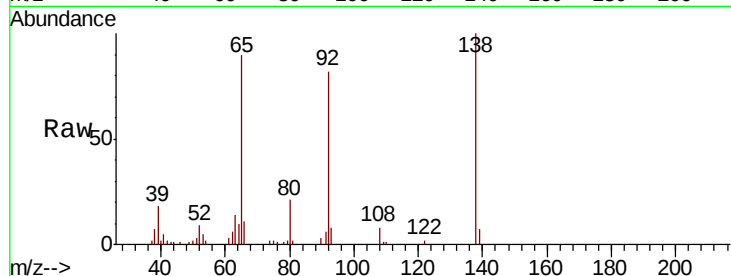




#53
3-Nitroaniline
Concen: 21.075 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

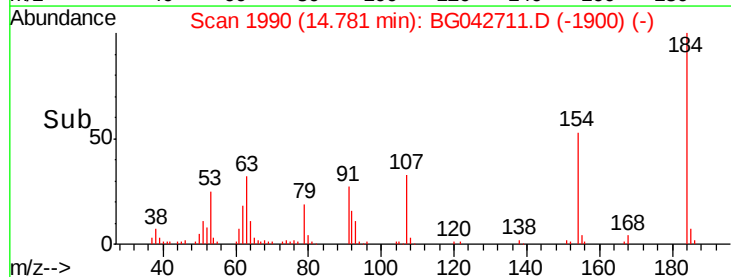
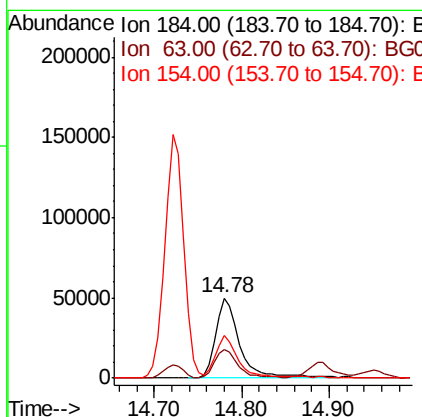
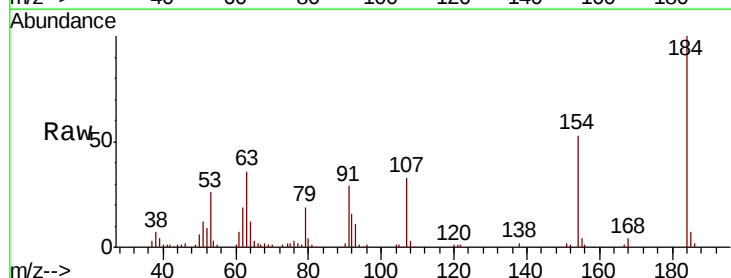
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 31797
Ion Ratio Lower Upper
138 100
108 8.1 8.3 12.5#
92 81.6 78.2 117.4



#54
2,4-Dinitrophenol
Concen: 93.291 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion:184 Resp: 96018
Ion Ratio Lower Upper
184 100
63 35.6 31.7 47.5
154 52.7 42.0 63.0





#55

Dibenzofuran

Concen: 52.075 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampleId :

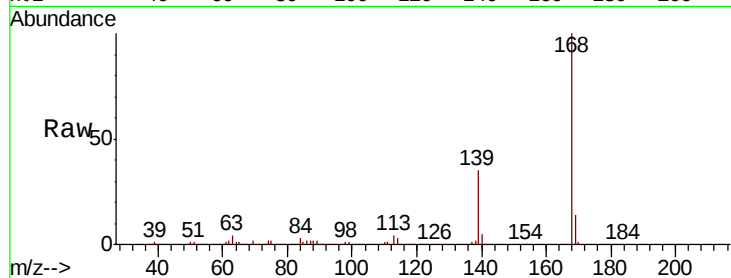
Tot Ion:168 Resp: 395898

Ion Ratio Lower Upper

168 100

139 34.9 27.2 40.8

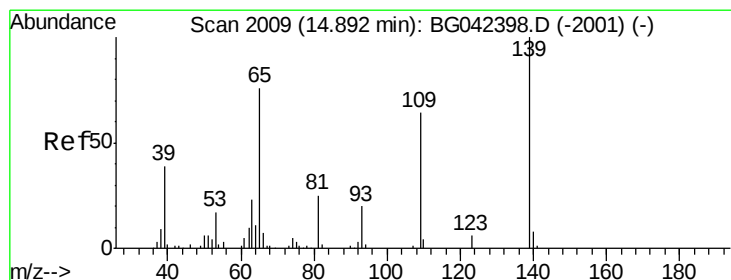
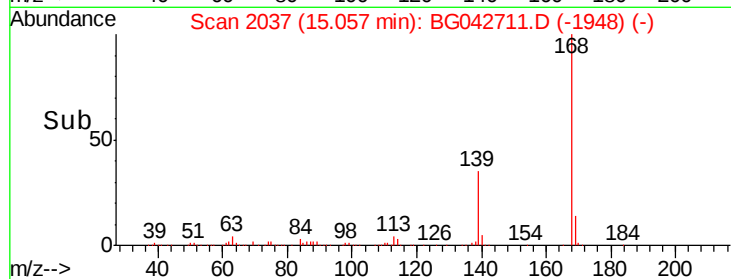
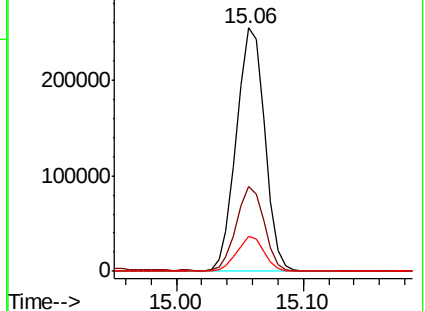
169 14.3 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 86.034 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

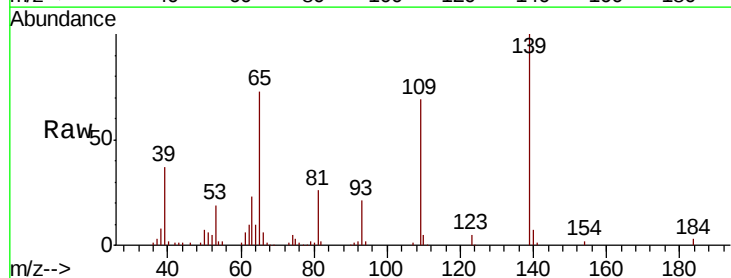
Tgt Ion:139 Resp: 92234

Ion Ratio Lower Upper

139 100

109 69.2 43.9 83.9

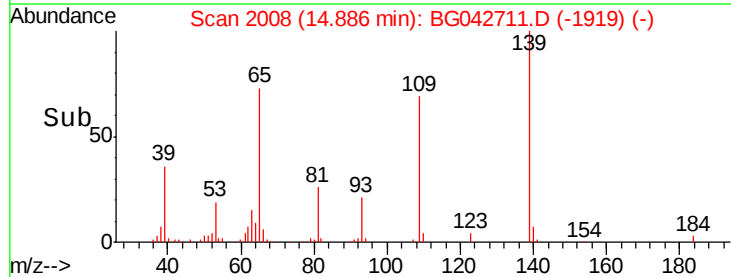
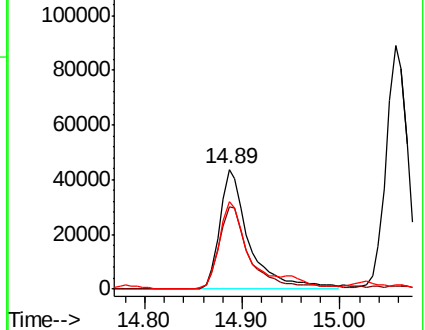
65 73.1 56.3 96.3

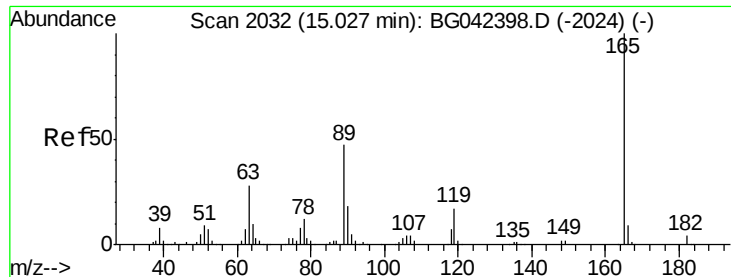


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

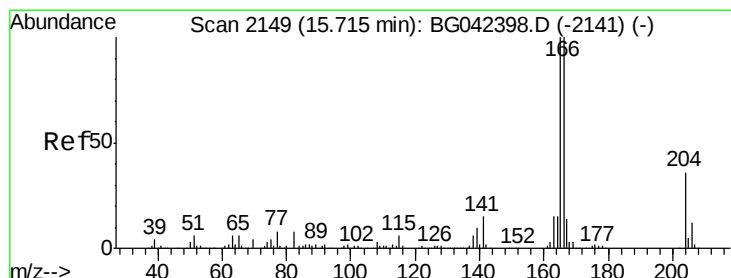
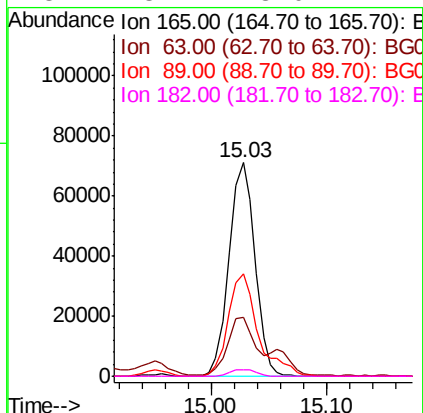
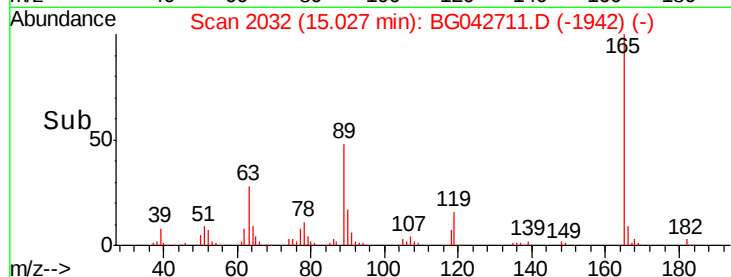
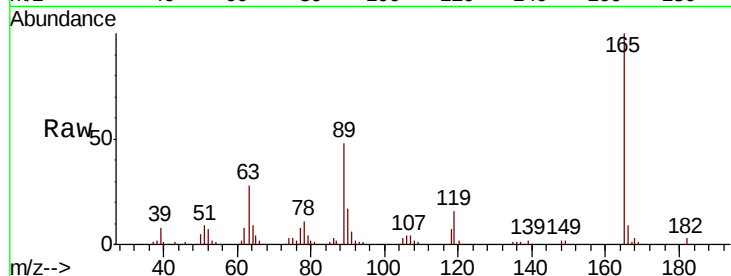




#57
 2,4-Dinitrotoluene
 Concen: 51.224 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

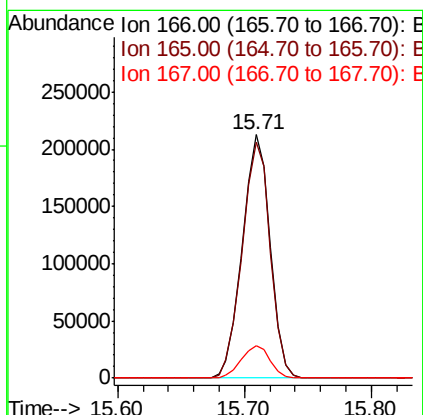
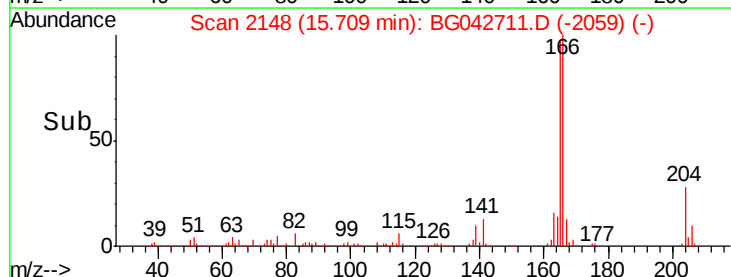
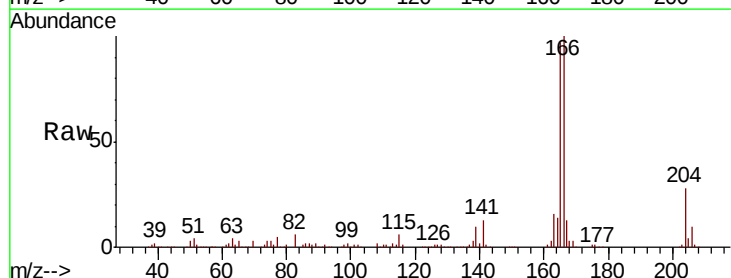
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	165	Resp	110658
Ion	Ratio	Lower	Upper
165	100		
63	27.7	22.5	33.7
89	48.0	37.8	56.6
182	3.2	3.0	4.4



#58
 Fluorene
 Concen: 52.005 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion	166	Resp	323190
Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.7	119.5
167	13.2	10.9	16.3

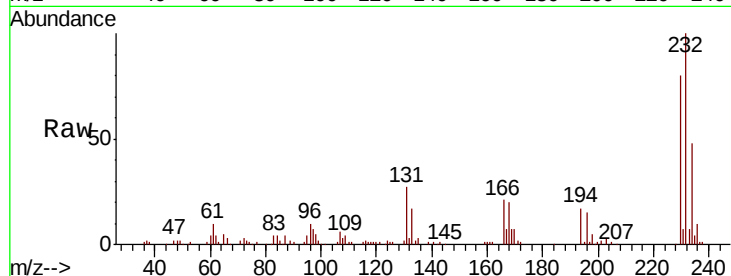




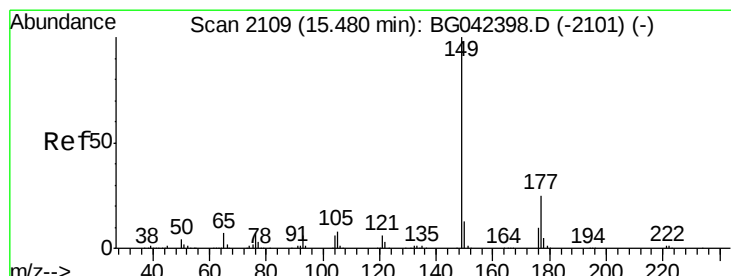
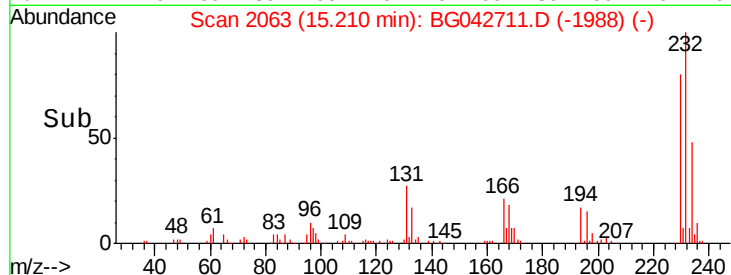
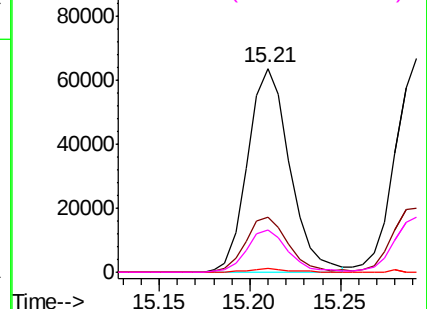
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.855 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	102043
Ion Ratio	Lower	Upper
232	100	
131	27.7	22.9 34.3
130	1.8	1.4 2.0
166	20.7	17.0 25.4

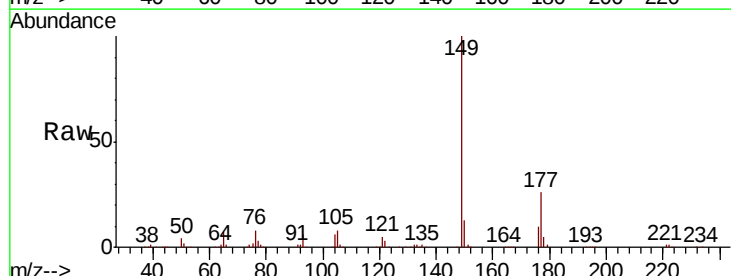


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

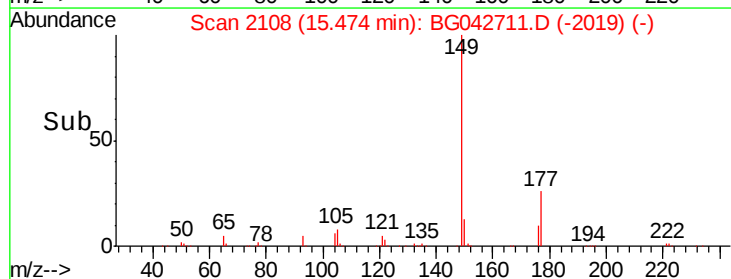
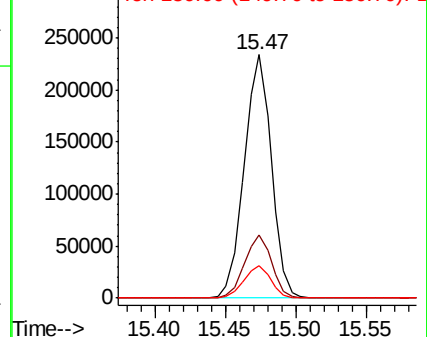


#60
 Diethylphthalate
 Concen: 49.345 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion:149	Resp:	313944
Ion Ratio	Lower	Upper
149	100	
177	25.7	20.4 30.6
150	13.4	10.3 15.5



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

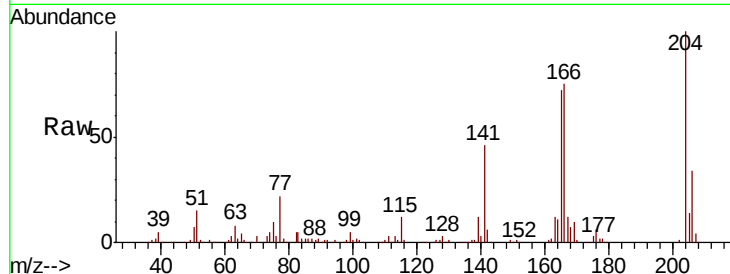




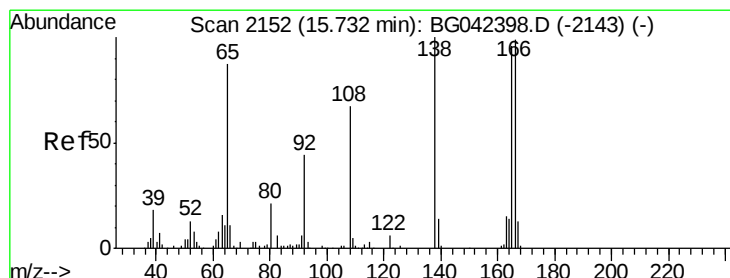
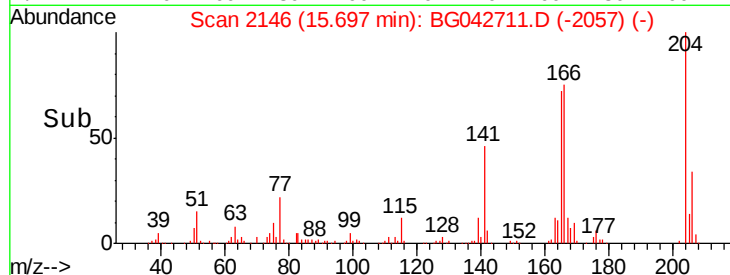
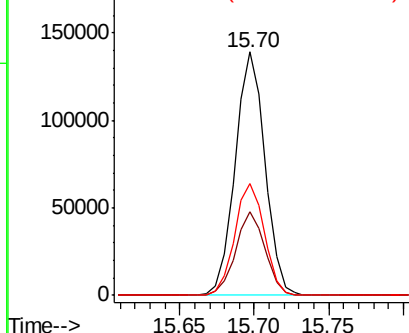
#61
4-Chlorophenyl-phenylether
Concen: 51.554 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 193134
Ion Ratio Lower Upper
204 100
206 34.3 27.2 40.8
141 46.0 38.7 58.1

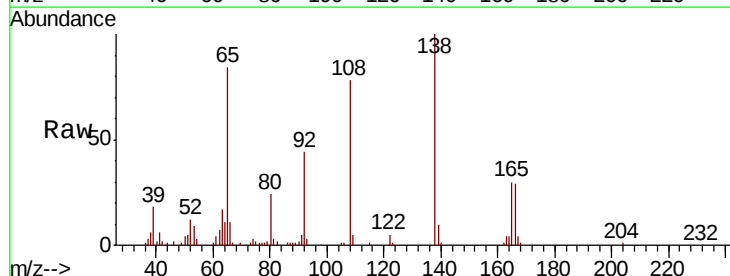


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

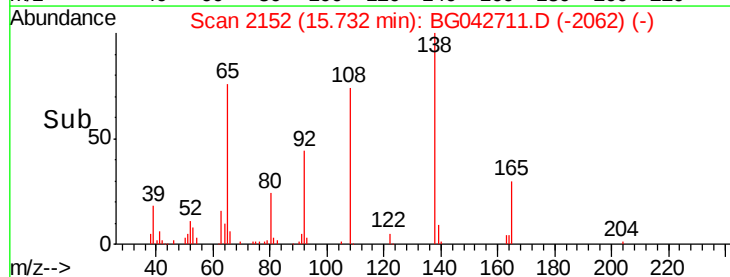
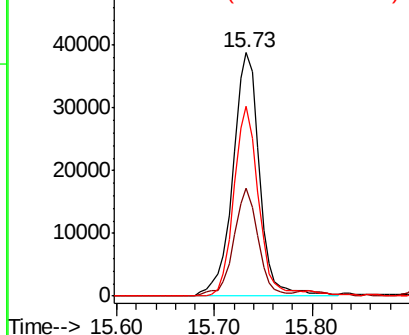


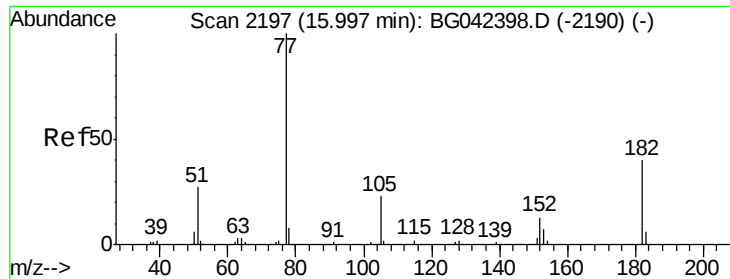
#62
4-Nitroaniline
Concen: 45.591 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion:138 Resp: 73617
Ion Ratio Lower Upper
138 100
92 44.1 24.2 64.2
108 78.0 46.8 86.8



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





#63

Azobenzene

Concen: 47.218 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 205849

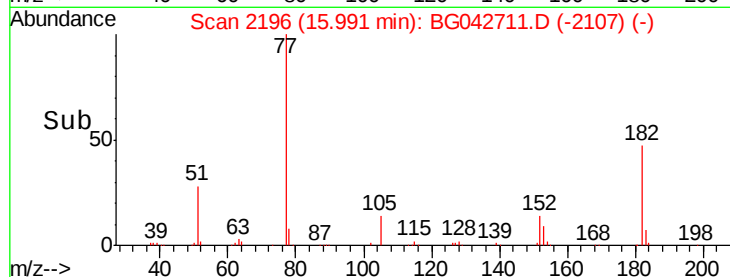
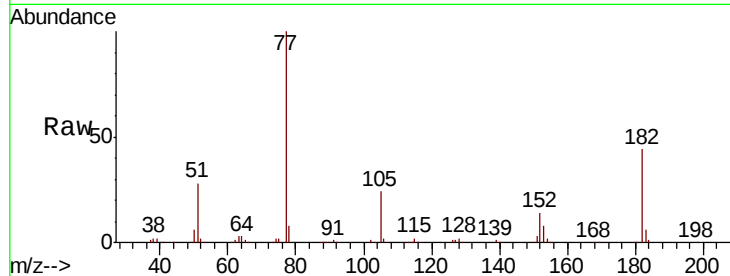
Ion Ratio Lower Upper

77 100

182 44.2 19.9 59.9

105 24.4 2.9 42.9

51 28.4 7.6 47.6

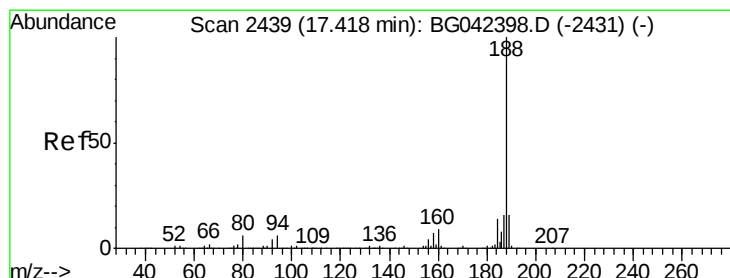
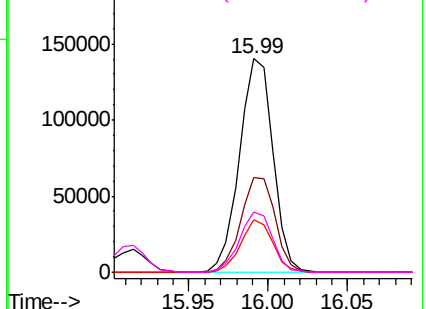


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

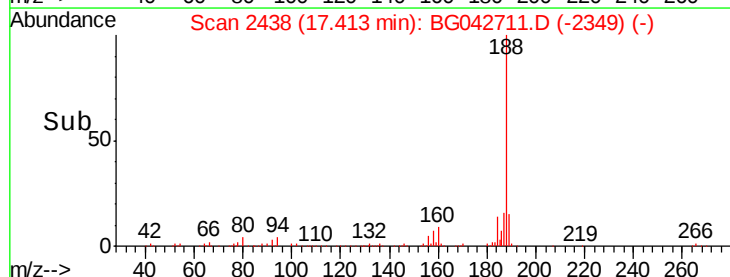
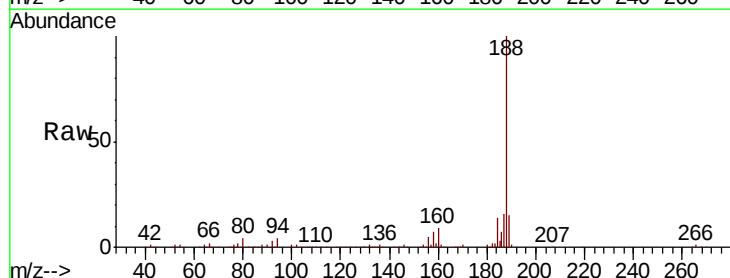
Tgt Ion: 188 Resp: 214187

Ion Ratio Lower Upper

188 100

94 4.3 4.5 6.7#

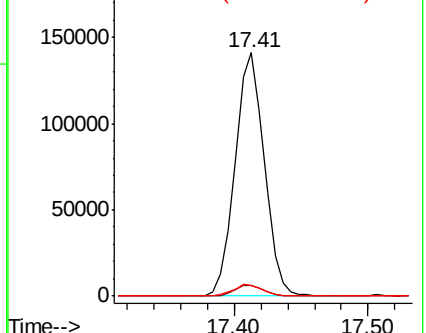
80 4.3 4.9 7.3#

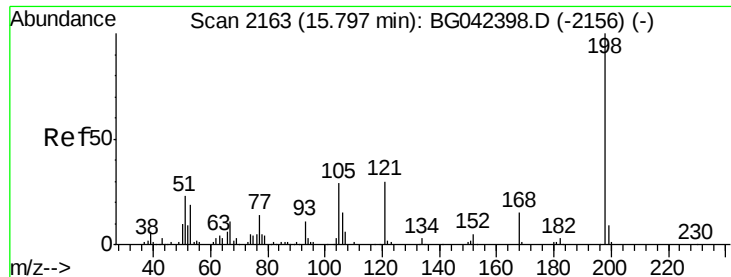


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

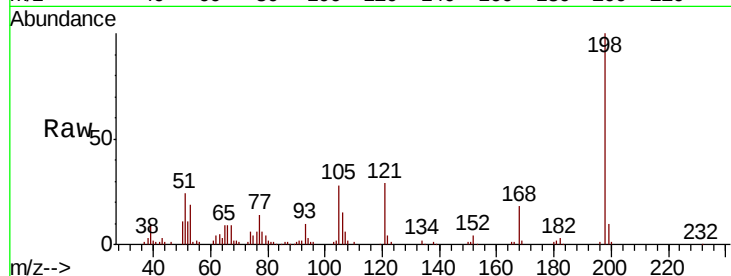




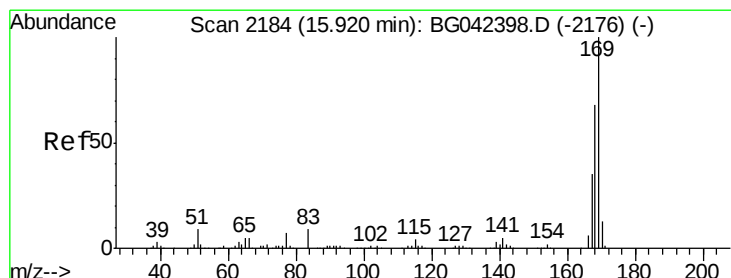
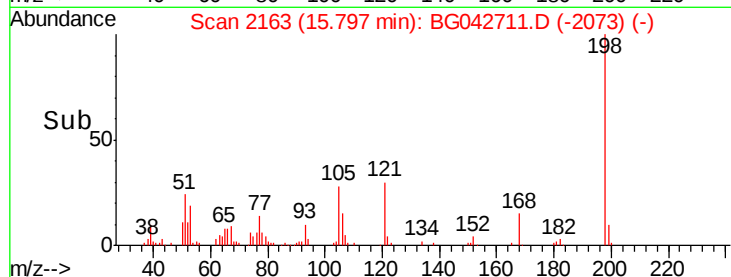
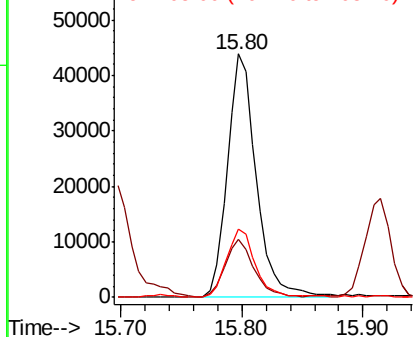
#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.233 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 72828
 Ion Ratio Lower Upper
 198 100
 51 23.8 4.2 44.2
 105 27.8 8.8 48.8

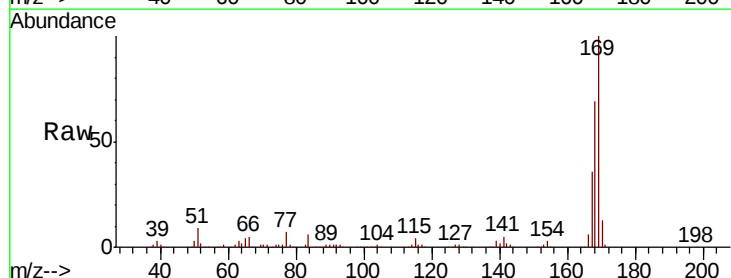


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

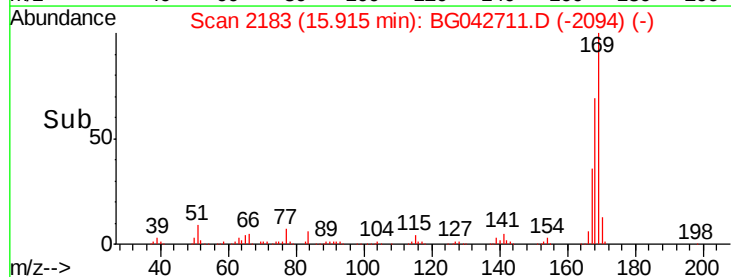
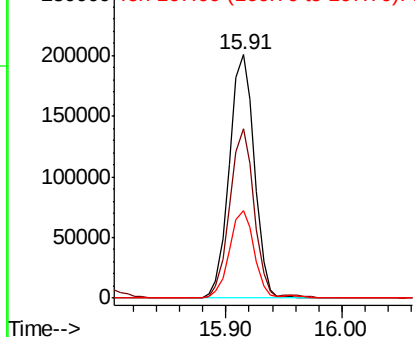


#66
 n-Nitrosodiphenylamine
 Concen: 51.076 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion:169 Resp: 300852
 Ion Ratio Lower Upper
 169 100
 168 69.5 54.3 81.5
 167 35.9 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

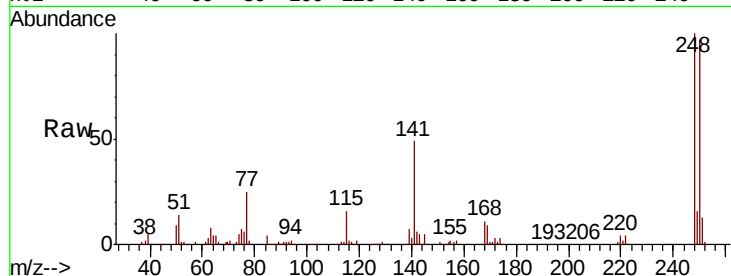




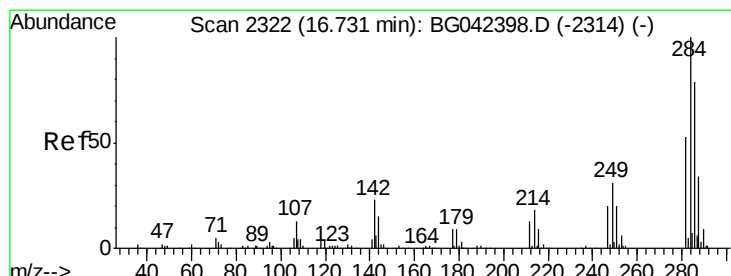
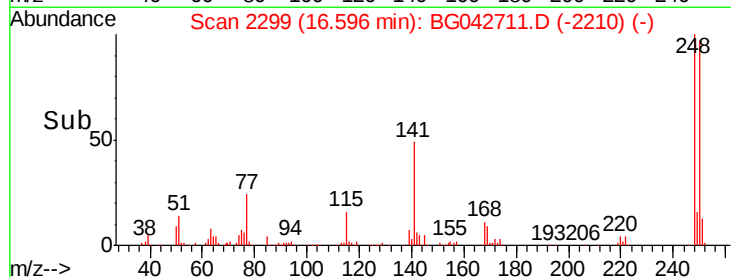
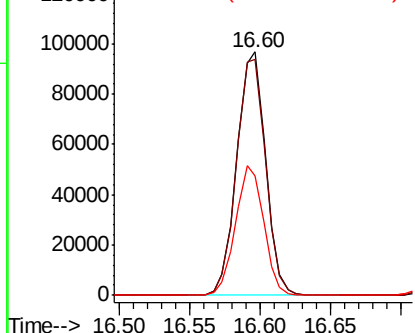
#67
 4-Bromophenyl-phenylether
 Concen: 50.783 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 137968
 Ion Ratio Lower Upper
 248 100
 250 96.6 78.9 118.3
 141 49.0 43.3 64.9

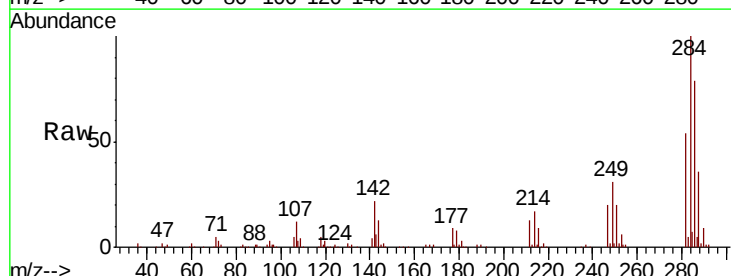


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

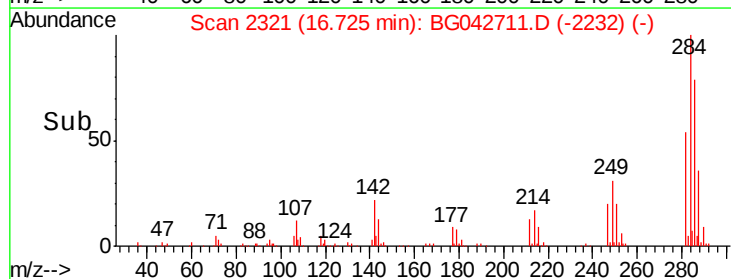
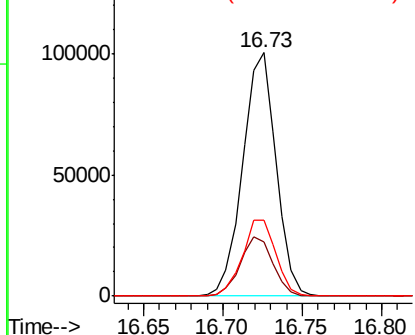


#68
 Hexachlorobenzene
 Concen: 49.543 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion:284 Resp: 146319
 Ion Ratio Lower Upper
 284 100
 142 22.5 18.2 27.4
 249 31.0 25.0 37.4



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





#69

Atrazine

Concen: 52.700 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampleId :

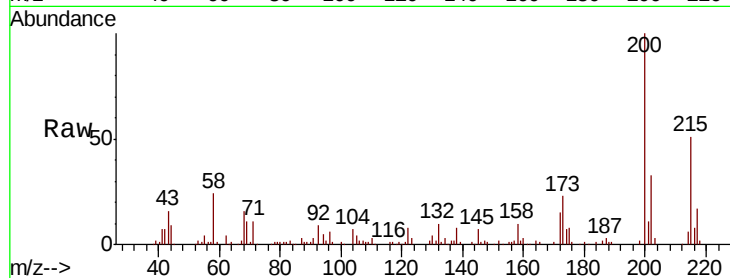
Tot Ion:200 Resp: 109774

Ion Ratio Lower Upper

200 100

173 23.5 4.9 44.9

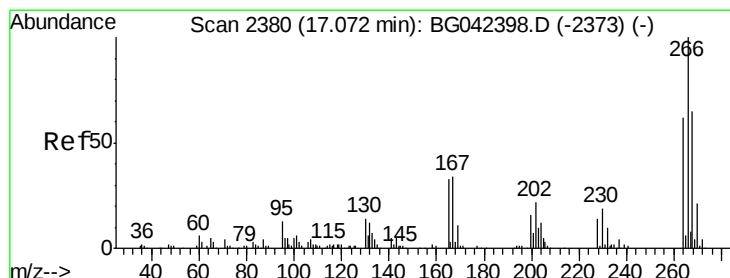
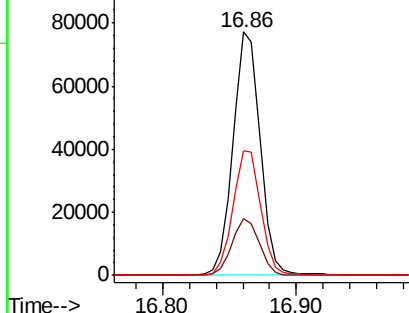
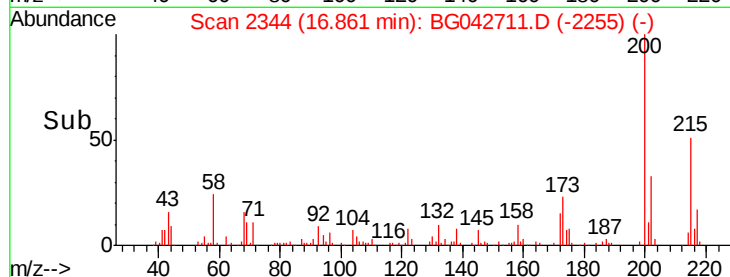
215 51.2 30.7 70.7



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: 107.077 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

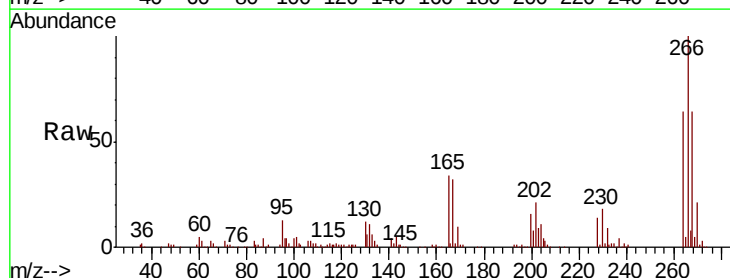
Tgt Ion:266 Resp: 164313

Ion Ratio Lower Upper

266 100

268 63.6 52.1 78.1

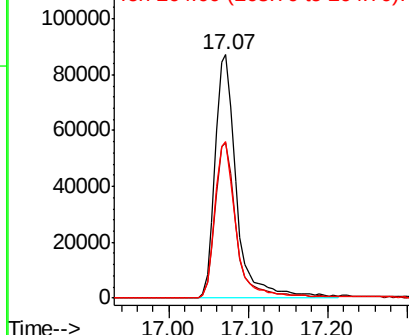
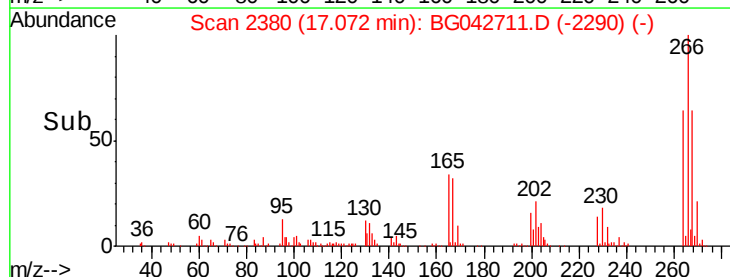
264 64.3 49.4 74.2

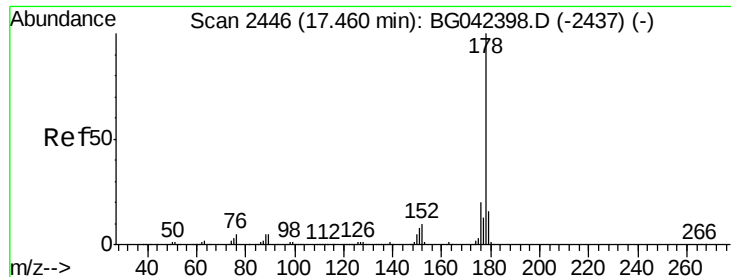


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 51.895 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampleId :

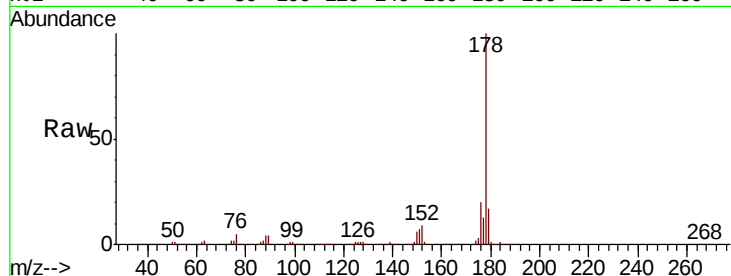
Tot Ion:178 Resp: 552117

Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

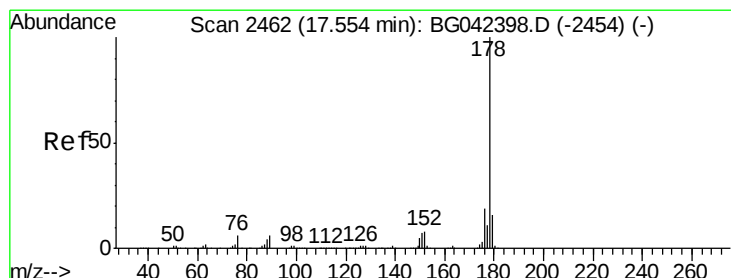
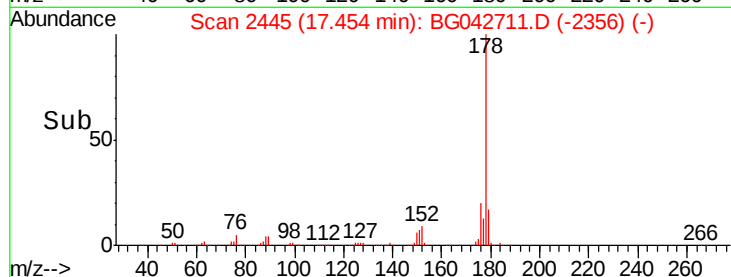
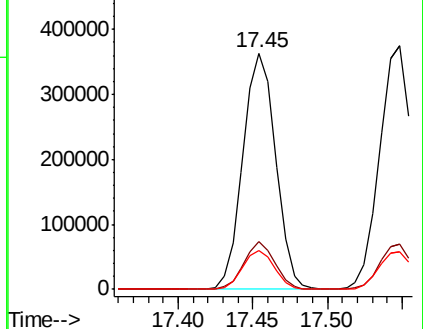
179 16.6 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.748 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

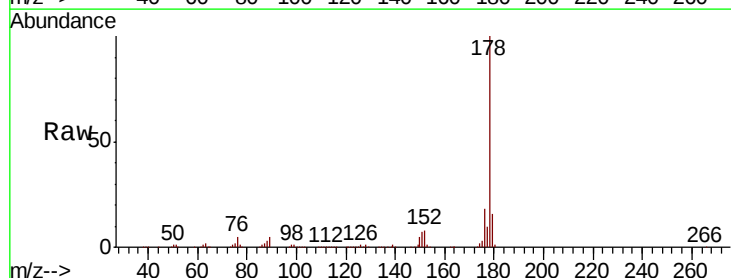
Tgt Ion:178 Resp: 560235

Ion Ratio Lower Upper

178 100

176 18.4 15.5 23.3

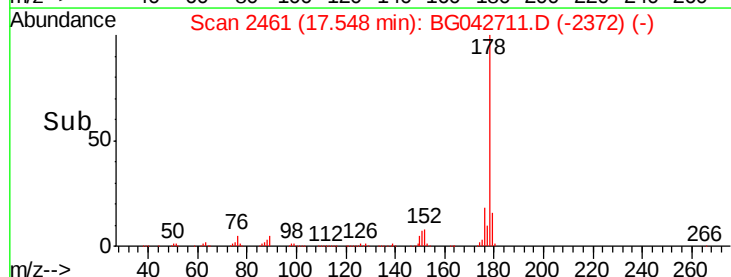
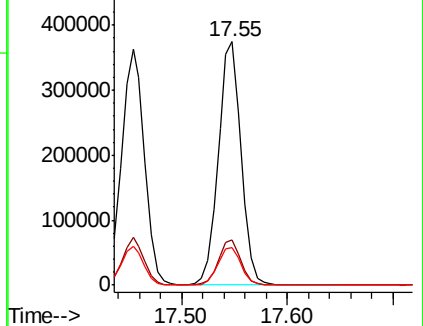
179 15.6 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

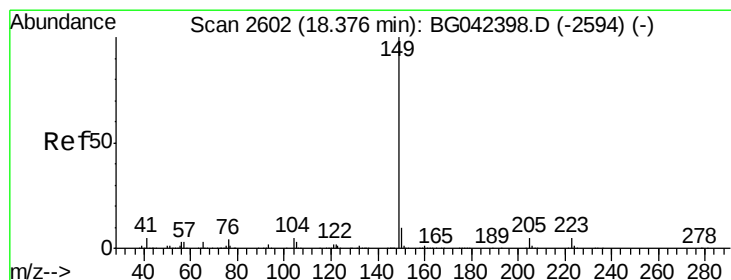
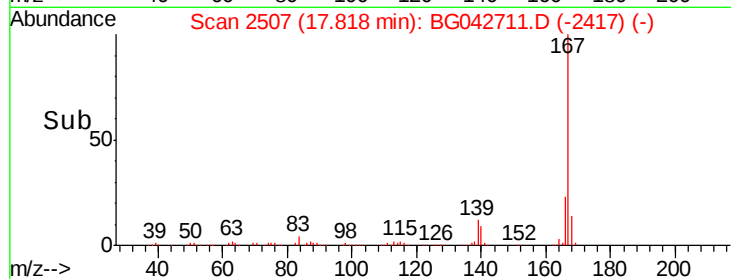
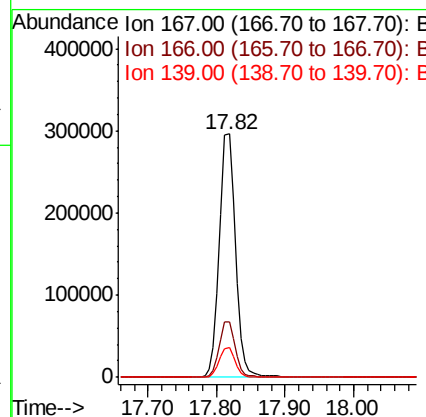
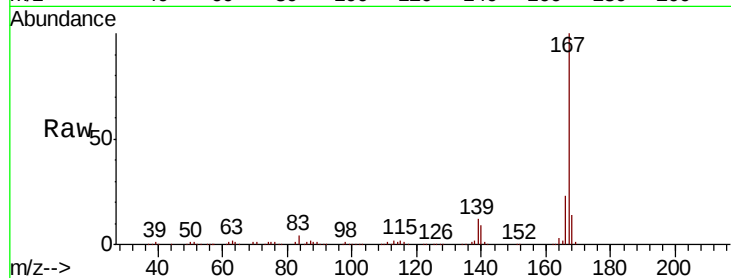




#73
 Carbazole
 Concen: 51.285 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

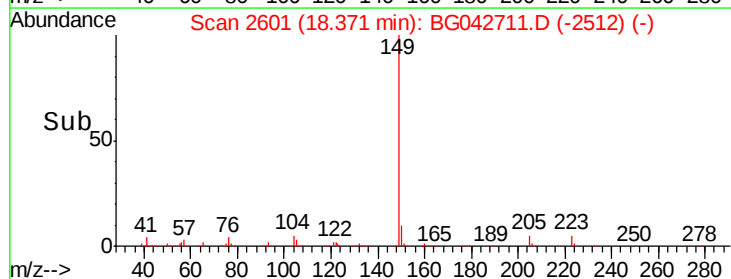
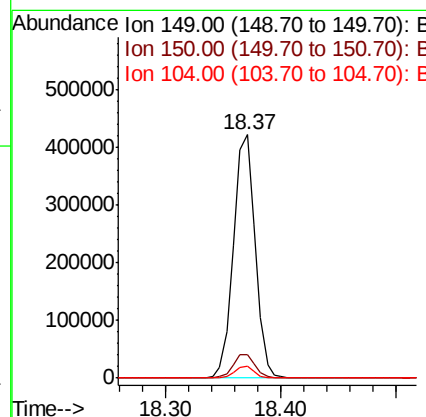
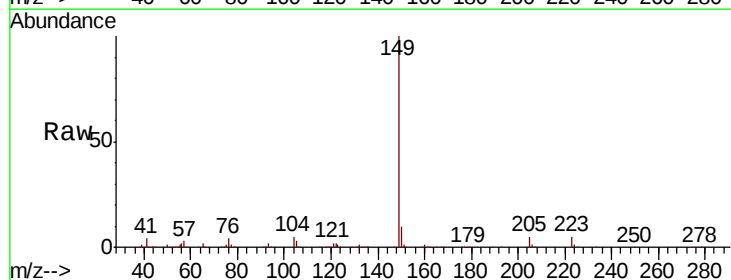
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.9	28.3
139	12.3	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 49.101 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	4.7	3.7	5.5





#75

Fluoranthene

Concen: 54.649 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampleId :

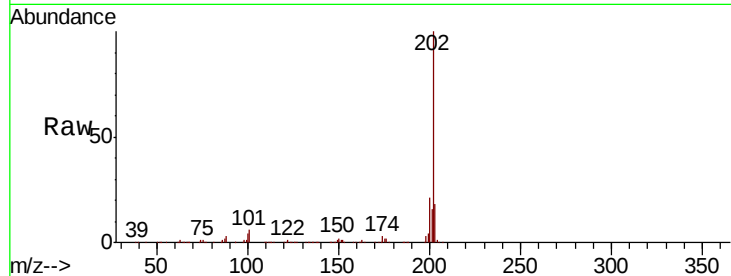
Tot Ion:202 Resp: 709575

Ion Ratio Lower Upper

202 100

101 5.8 0.0 28.3

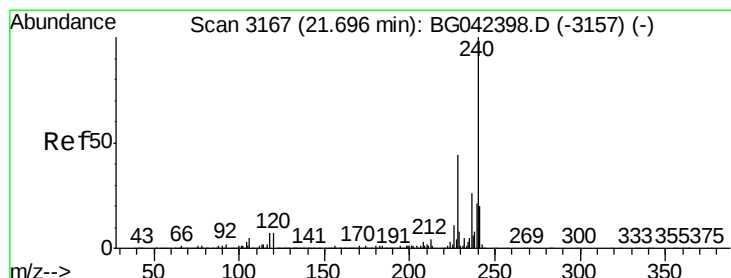
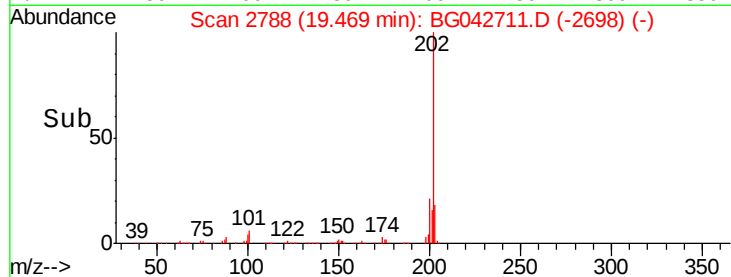
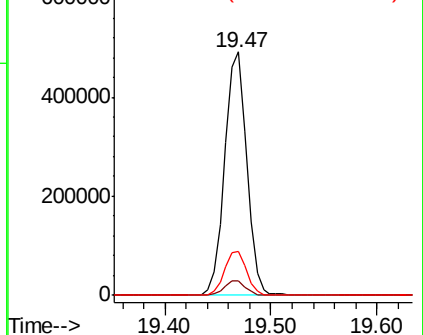
203 18.2 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

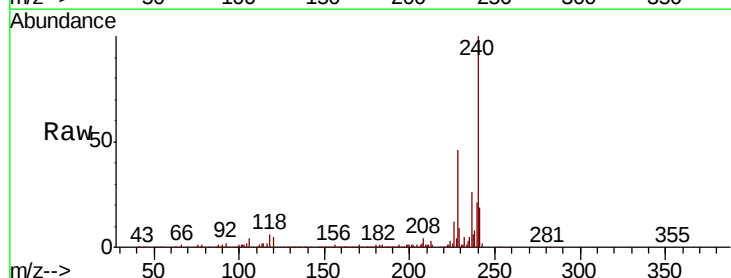
Tgt Ion:240 Resp: 231450

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

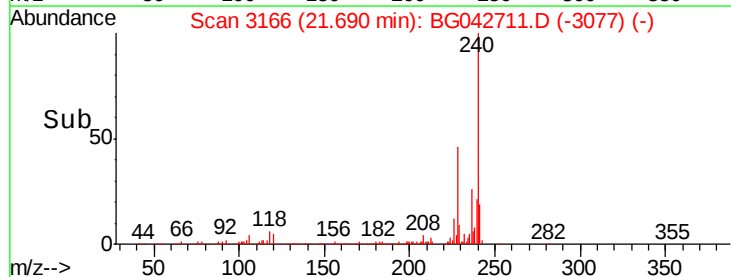
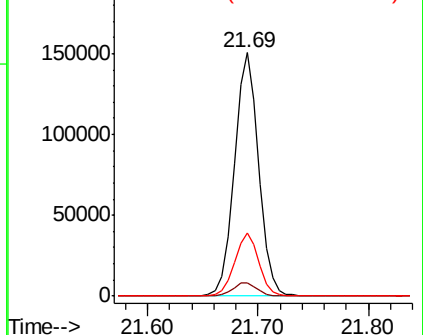
236 26.1 21.0 31.4



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: 11.416 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampled :

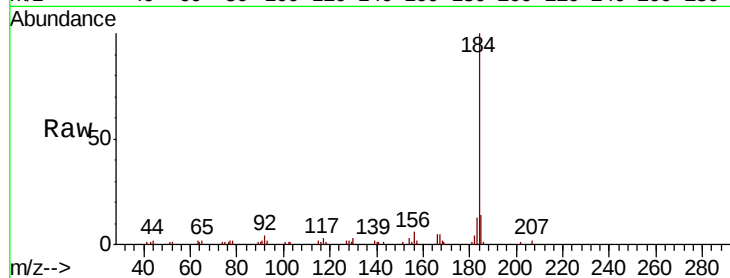
Tot Ion:184 Resp: 75754

Ion Ratio Lower Upper

184 100

185 13.7 12.2 18.4

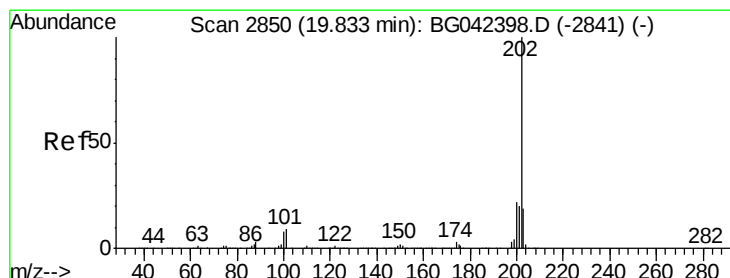
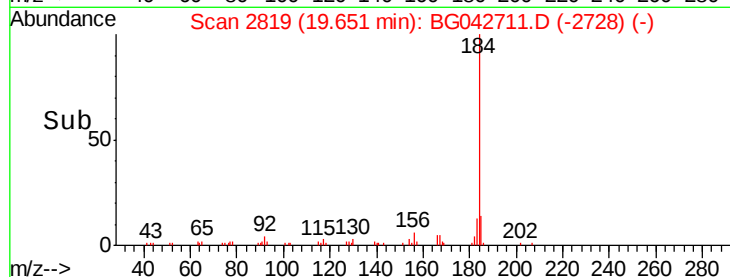
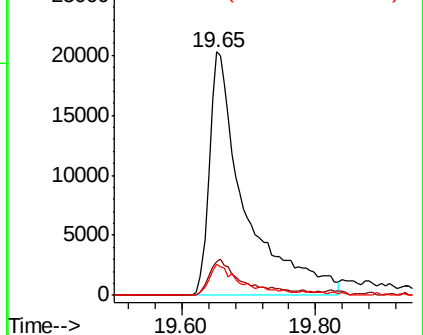
183 12.6 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.708 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

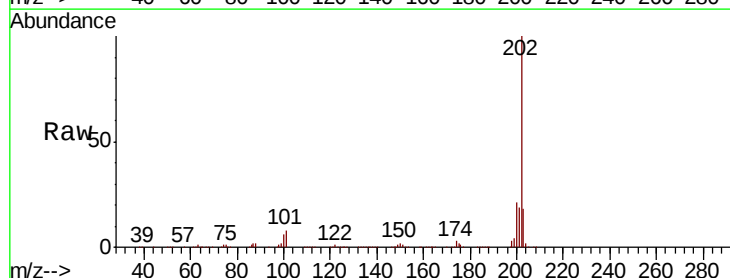
Tgt Ion:202 Resp: 719555

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

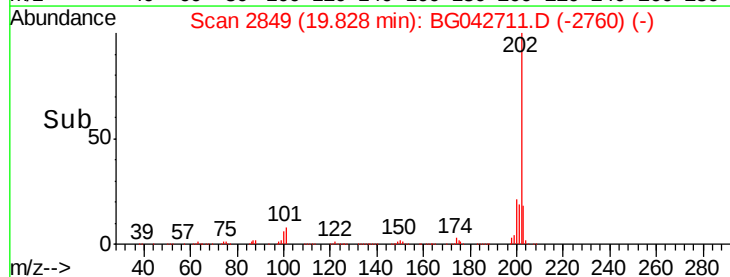
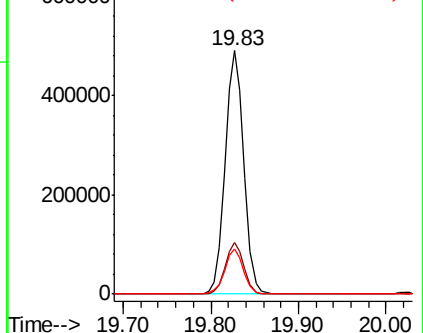
203 18.5 15.5 23.3



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: 102.313 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampled :

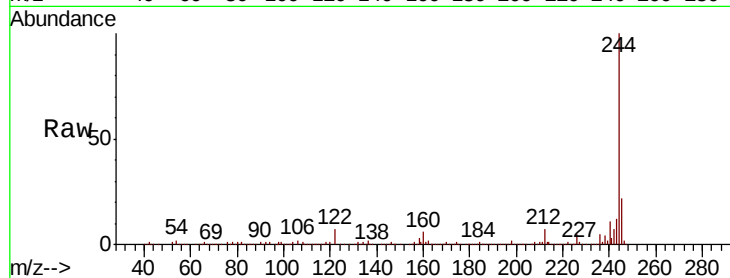
Tot Ion:244 Resp: 1095344

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

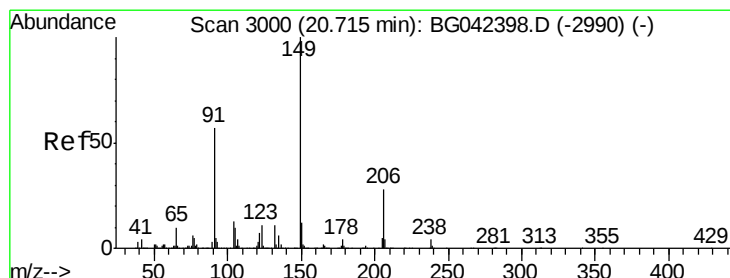
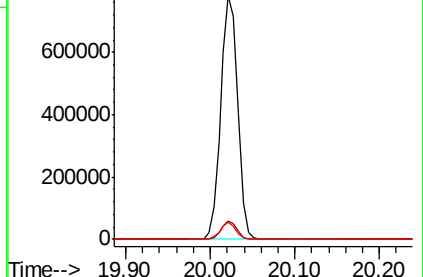
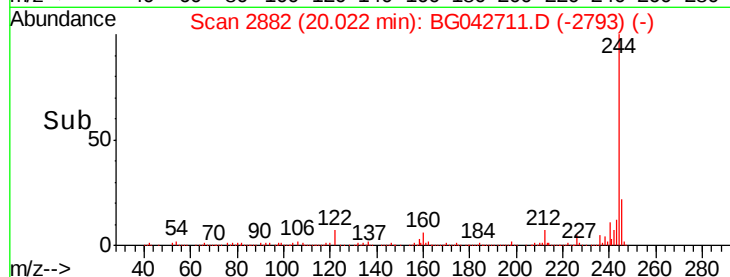
122 6.9 6.7 10.1



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: 45.339 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

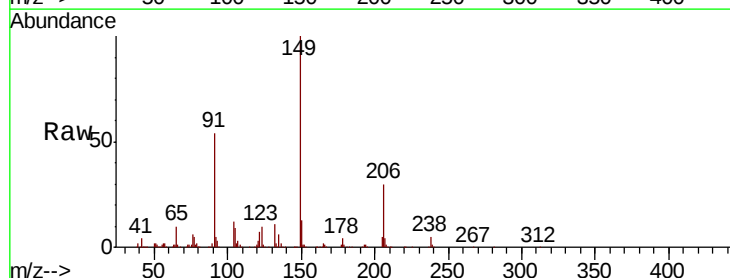
Tgt Ion:149 Resp: 253048

Ion Ratio Lower Upper

149 100

91 53.5 45.9 68.9

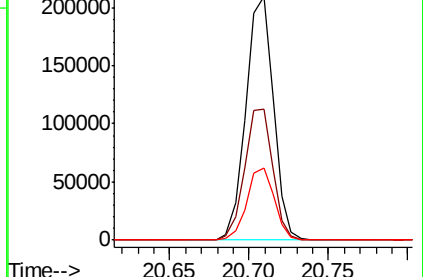
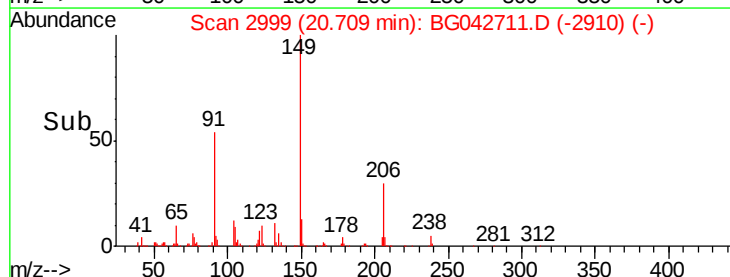
206 29.5 22.5 33.7

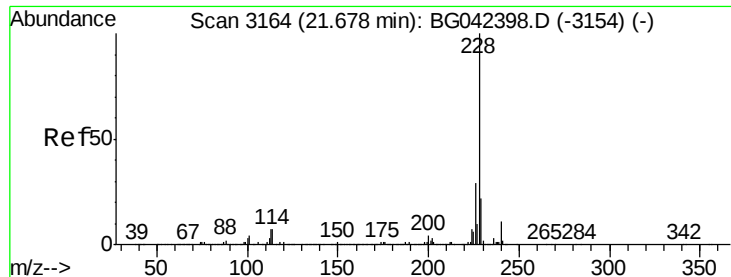


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

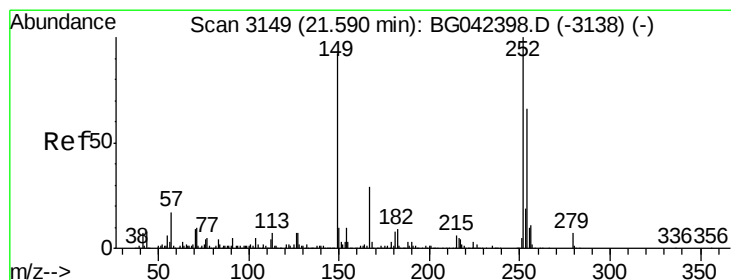
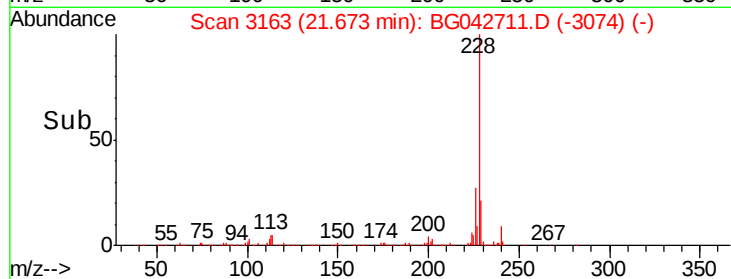
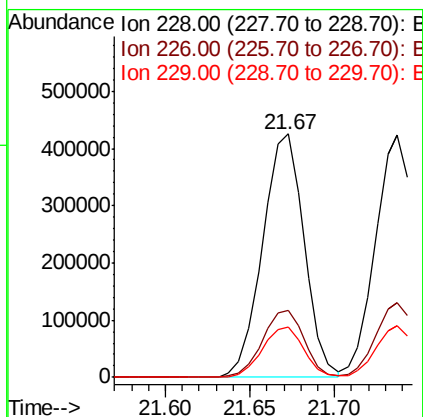
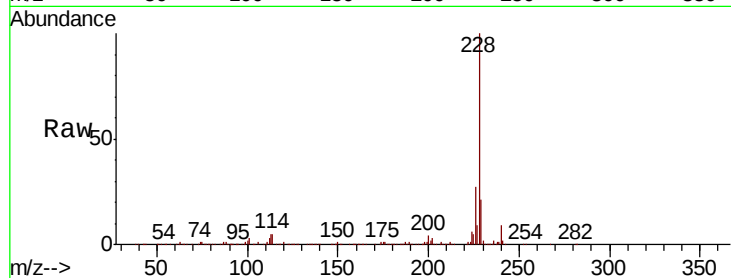




#81
Benzo(a)anthracene
Concen: 51.143 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

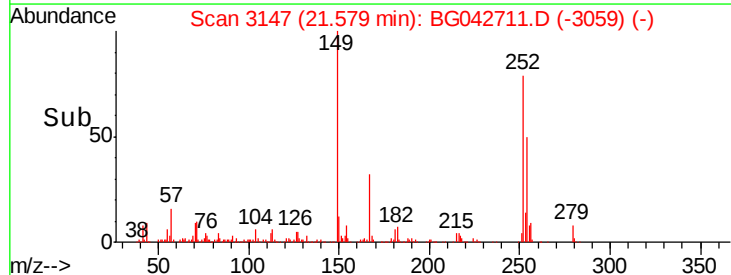
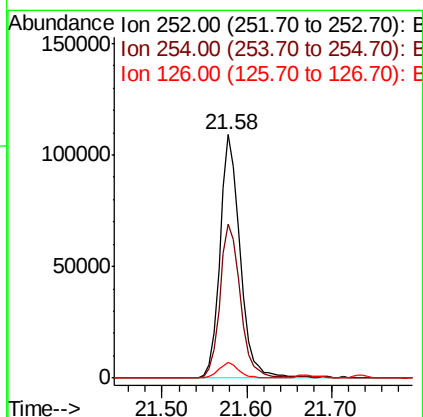
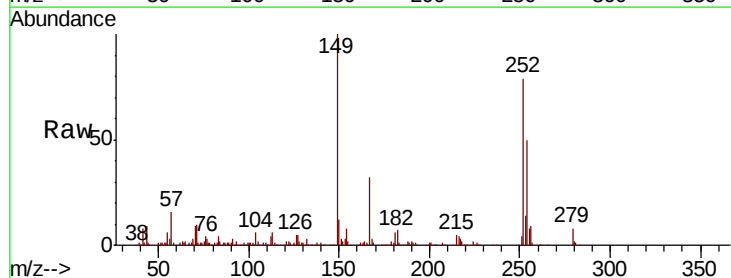
Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 720066
Ion Ratio Lower Upper
228 100
226 27.4 23.4 35.2
229 20.6 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 32.101 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion:252 Resp: 181776
Ion Ratio Lower Upper
252 100
254 63.4 53.0 79.4
126 6.5 5.7 8.5



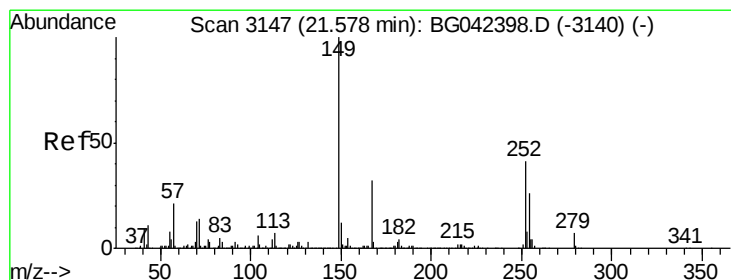
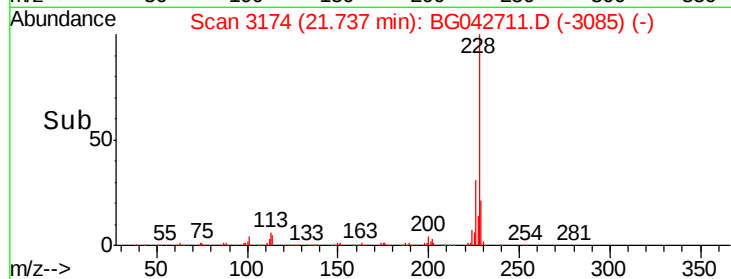
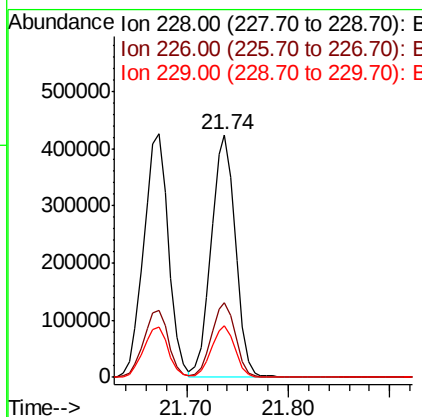
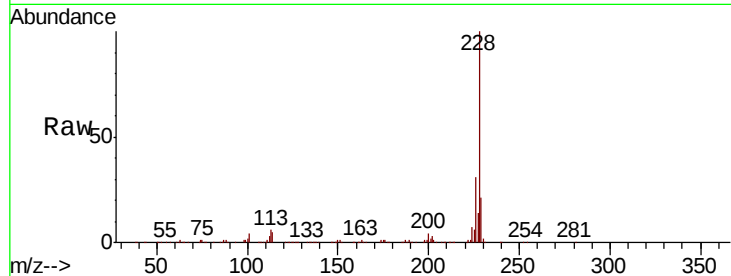


#83
 Chrysene
 Concen: 51.483 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 699059

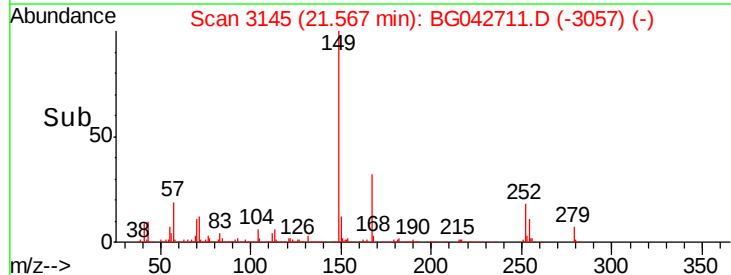
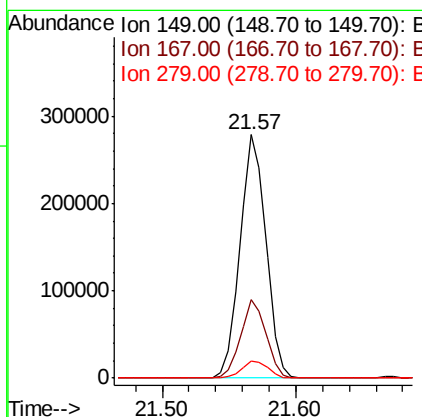
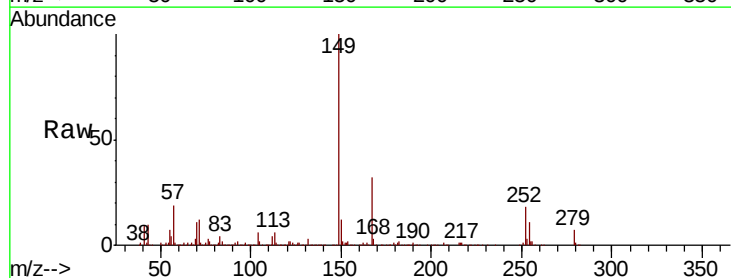
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	21.3	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.162 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion:149 Resp: 373217

Ion	Ratio	Lower	Upper
149	100		
167	32.2	26.0	39.0
279	6.8	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 48.460 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampleId :

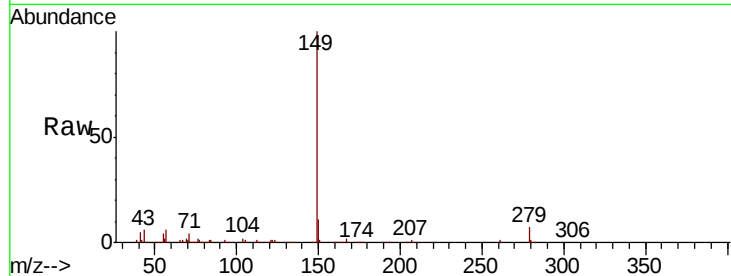
Tot Ion:149 Resp: 645880

Ion Ratio Lower Upper

149 100

167 1.8 1.6 2.4

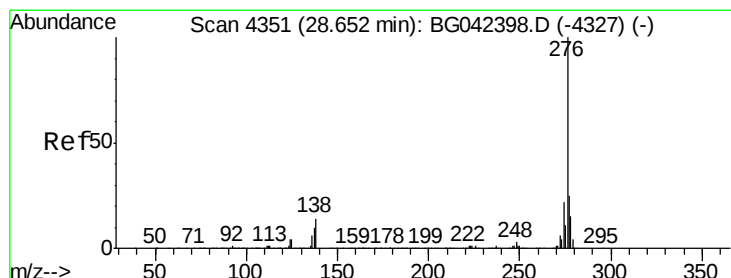
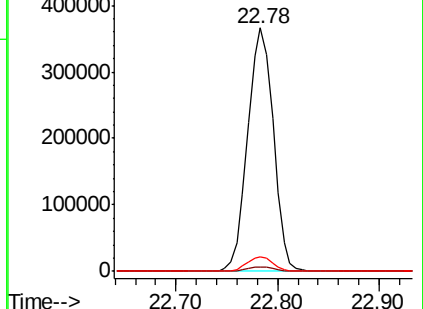
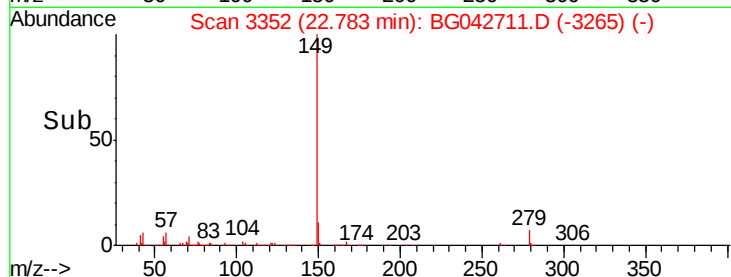
43 6.2 5.3 7.9



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.346 ng

RT: 28.66 min Scan# 4352

Delta R.T. 0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

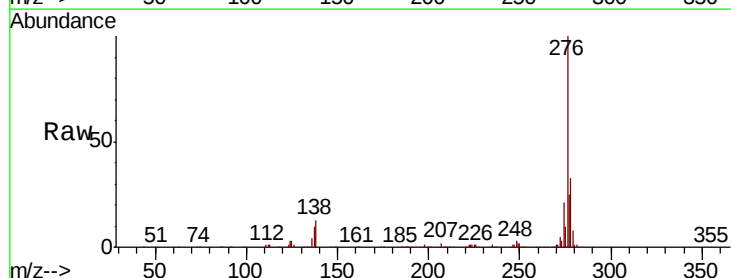
Tgt Ion:276 Resp: 892127

Ion Ratio Lower Upper

276 100

138 7.2 9.2 13.8#

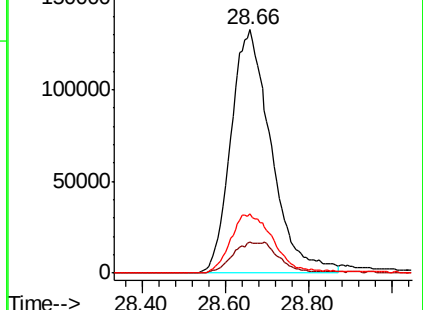
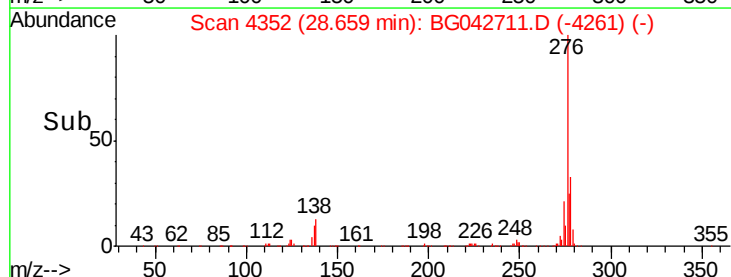
277 25.8 21.0 31.6



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

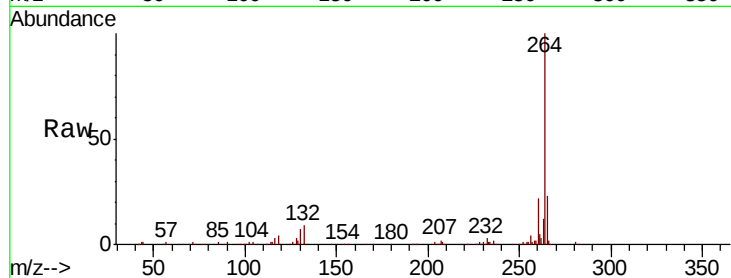




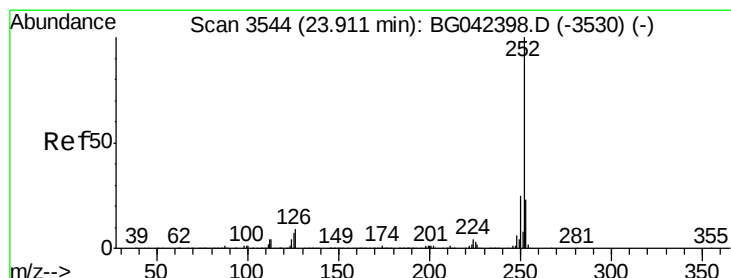
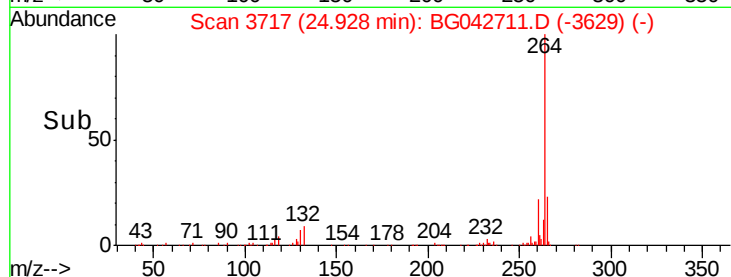
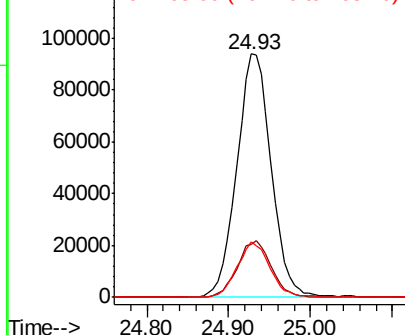
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 274867
Ion Ratio Lower Upper
264 100
260 21.7 18.5 27.7
265 22.9 17.6 26.4

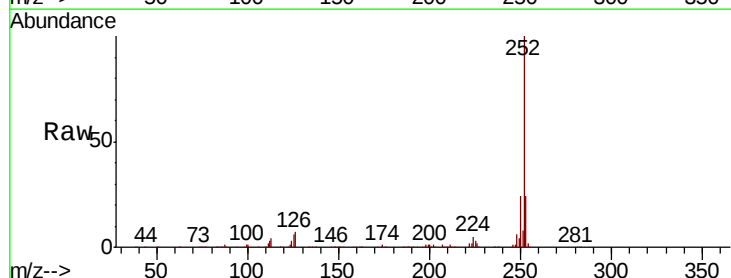


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

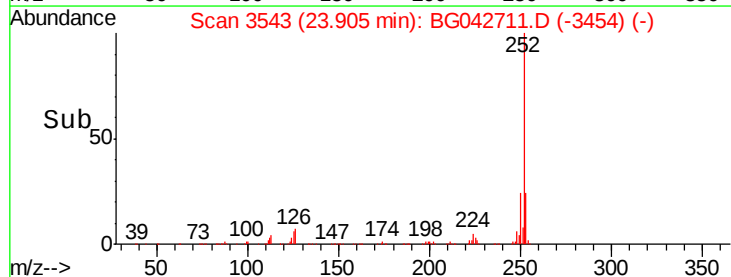
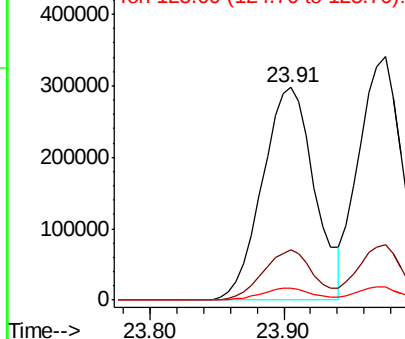


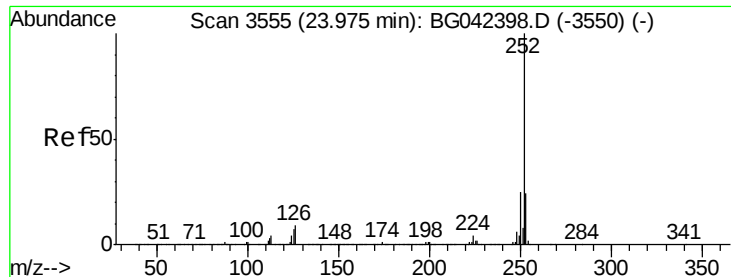
#88
Benzo(b)fluoranthene
Concen: 53.478 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion:252 Resp: 808113
Ion Ratio Lower Upper
252 100
253 23.9 18.6 27.8
125 5.7 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: 53.205 ng

RT: 23.98 min Scan# 3555

Delta R.T. 0.00 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampleId :

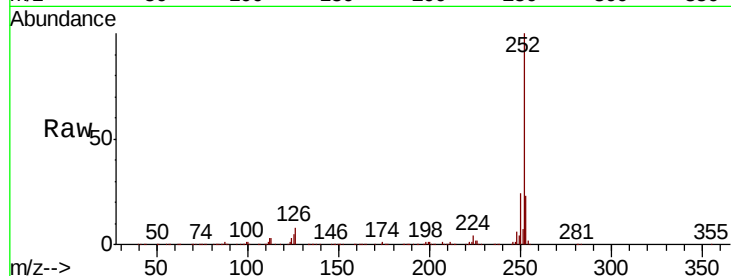
Tot Ion:252 Resp: 772803

Ion Ratio Lower Upper

252 100

253 22.8 18.6 27.8

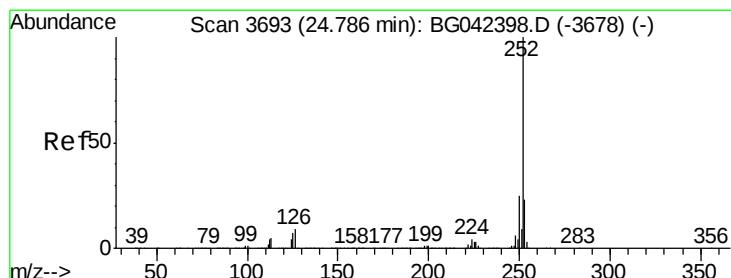
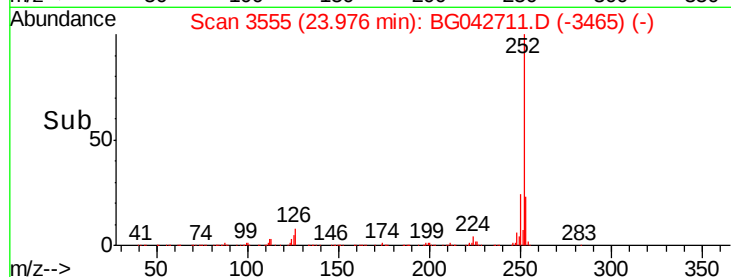
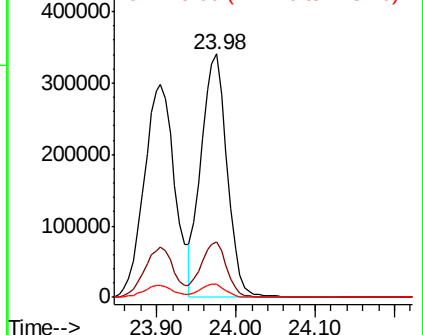
125 5.5 5.8 8.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 54.381 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

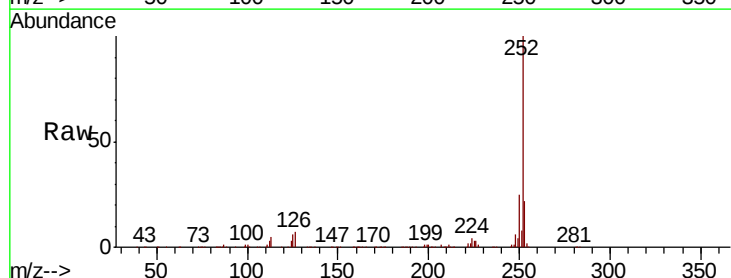
Tgt Ion:252 Resp: 779783

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

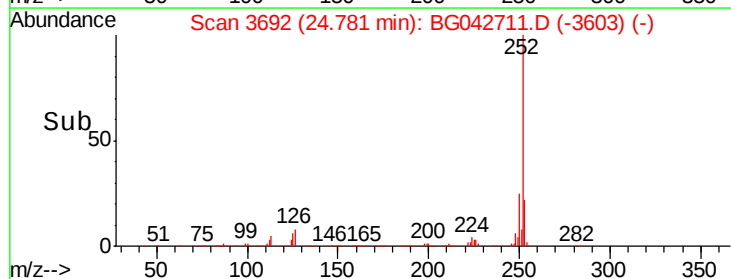
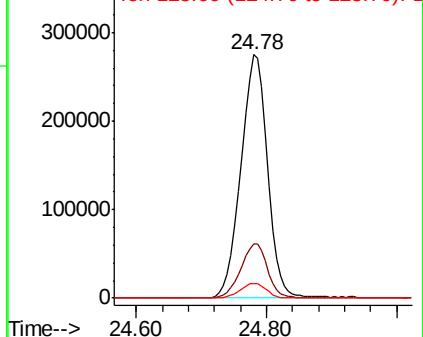
125 6.1 6.0 9.0

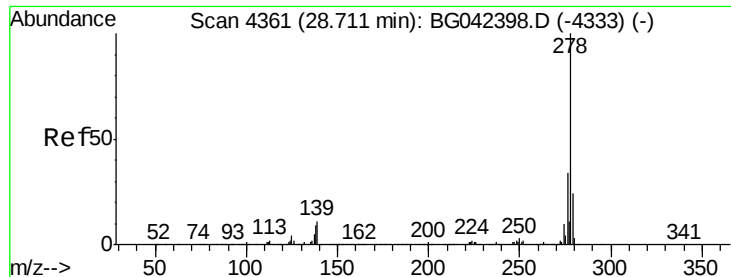


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

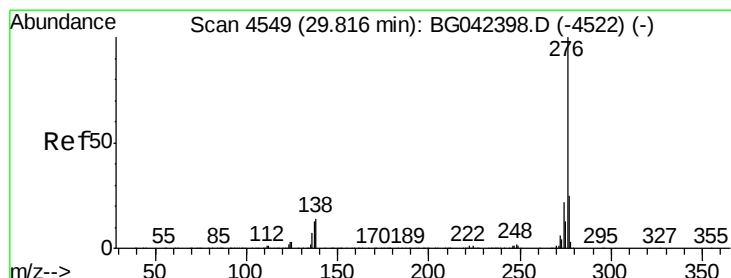
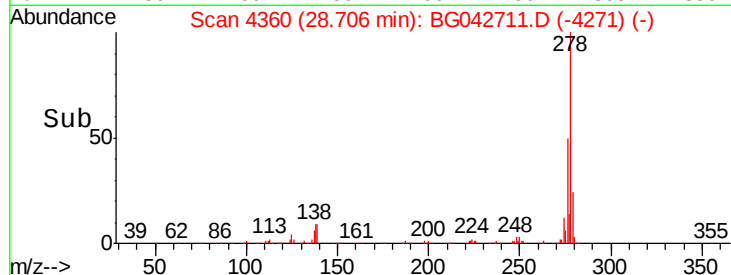
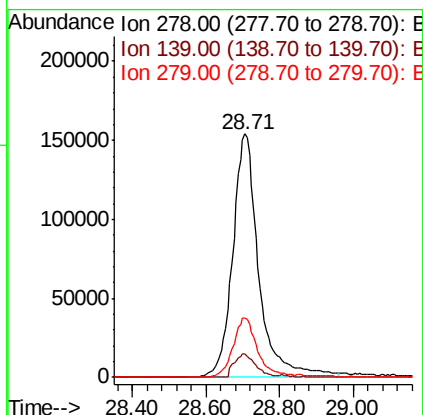
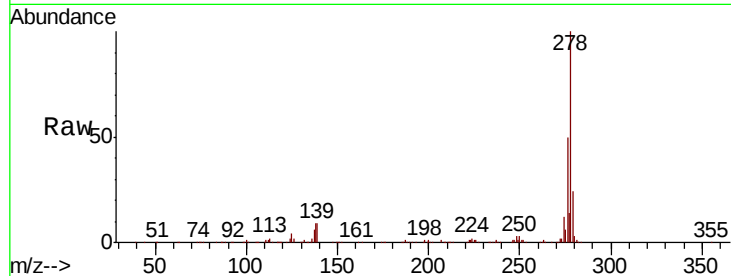




#91
Dibenzo(a,h)anthracene
Concen: 52.073 ng
RT: 28.71 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.4	8.8	13.2
279	24.4	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 50.056 ng
RT: 29.81 min Scan# 4548
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	12.3	11.4	17.0

