

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
 Data File : BG043704.D
 Acq On : 19 Nov 2019 18:55
 Operator : JU
 Sample : K5865-23MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 20 02:48:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26302	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	106564	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	80194	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	199608	20.00	ng	0.00
76) Chrysene-d12	21.64	240	214530	20.00	ng	0.00
87) Perylene-d12	24.81	264	254748	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	164954	114.92	ng	0.00
7) Phenol-d6	7.19	99	236050	114.30	ng	0.00
23) Nitrobenzene-d5	9.15	82	142013	68.70	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	149343	97.86	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	394902	68.04	ng	0.00
79) Terphenyl-d14	19.98	244	807775	70.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	17193	30.738	ng	90
3) Pyridine	3.85	79	43588	30.892	ng	98
4) n-Nitrosodimethylamine	3.76	42	30812	43.276	ng	# 94
6) Aniline	7.32	93	51465	21.634	ng	97
8) 2-Chlorophenol	7.56	128	69324	43.753	ng	96
9) Benzaldehyde	7.13	77	31364	30.904	ng	97
10) Phenol	7.21	94	95165	50.429	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	56595	38.790	ng	94
12) 1,3-Dichlorobenzene	7.88	146	73947	37.249	ng	97
13) 1,4-Dichlorobenzene	8.02	146	73588	36.638	ng	94
14) 1,2-Dichlorobenzene	8.35	146	72928	37.187	ng	98
15) Benzyl Alcohol	8.24	79	53649	36.991	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	80799	38.086	ng	98
17) 2-Methylphenol	8.46	107	59035	42.913	ng	96
18) Hexachloroethane	9.07	117	26885	37.100	ng	90
19) n-Nitroso-di-n-propylamine	8.79	70	51775	38.799	ng	97
20) 3+4-Methylphenols	8.79	107	79409	42.095	ng	96
22) Acetophenone	8.81	105	102837	37.683	ng	# 100
24) Nitrobenzene	9.20	77	78874	40.057	ng	98
25) Isophorone	9.72	82	148195	39.215	ng	98
26) 2-Nitrophenol	9.91	139	39157	41.191	ng	95
27) 2,4-Dimethylphenol	9.98	122	66642	48.911	ng	95
28) bis(2-Chloroethoxy)methane	10.20	93	77899	37.348	ng	99
29) 2,4-Dichlorophenol	10.46	162	73867	42.312	ng	93
30) 1,2,4-Trichlorobenzene	10.66	180	82405	37.452	ng	99
31) Naphthalene	10.84	128	216917	40.102	ng	98
32) Benzoic acid	10.16	122	25906	29.256	ng	88
33) 4-Chloroaniline	10.98	127	8662	3.907	ng	# 84
34) Hexachlorobutadiene	11.13	225	57450	35.321	ng	94
35) Caprolactam	11.73	113	11382	18.931	ng	95
36) 4-Chloro-3-methylphenol	12.11	107	82600	43.377	ng	90
37) 2-Methylnaphthalene	12.45	142	167702	40.407	ng	98
38) 1-Methylnaphthalene	12.66	142	162790	41.224	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	108725	36.634	ng	99

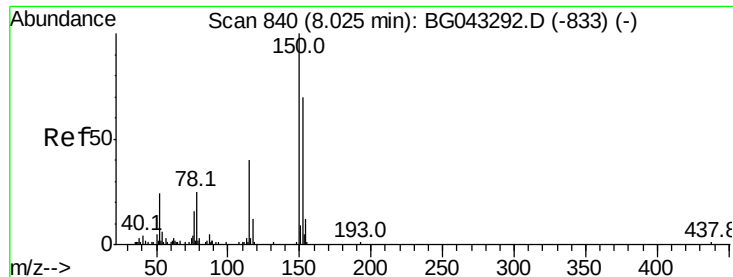
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 15:23:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	104997	67.347	ng	100
43) 2,4,6-Trichlorophenol	13.07	196	67473	38.605	ng	91
44) 2,4,5-Trichlorophenol	13.16	196	73216	41.435	ng	97
46) 1,1'-Biphenyl	13.45	154	228132	37.394	ng	99
47) 2-Chloronaphthalene	13.50	162	178184	38.386	ng	97
48) 2-Nitroaniline	13.71	65	54339	39.167	ng	94
49) Acenaphthylene	14.35	152	296016	40.975	ng	98
50) Dimethylphthalate	14.08	163	301598	48.554	ng	99
51) 2,6-Dinitrotoluene	14.20	165	53736	39.821	ng	# 90
52) Acenaphthene	14.69	154	172629	39.183	ng	96
53) 3-Nitroaniline	14.54	138	19635	15.071	ng	90
54) 2,4-Dinitrophenol	14.75	184	58481	70.365	ng	90
55) Dibenzofuran	15.02	168	289079	40.462	ng	97
56) 4-Nitrophenol	14.88	139	71128	81.467	ng	89
57) 2,4-Dinitrotoluene	14.99	165	78977	40.952	ng	# 95
58) Fluorene	15.67	166	239128	39.906	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	73565	39.186	ng	# 99
60) Diethylphthalate	15.44	149	246559	39.504	ng	98
61) 4-Chlorophenyl-phenylether	15.66	204	139266	39.839	ng	97
62) 4-Nitroaniline	15.71	138	51433	38.225	ng	98
63) Azobenzene	15.96	77	207505	41.080	ng	96
65) 4,6-Dinitro-2-methylphenol	15.76	198	51060	43.467	ng	94
66) n-Nitrosodiphenylamine	15.88	169	217518	38.598	ng	97
67) 4-Bromophenyl-phenylether	16.55	248	99842	37.167	ng	98
68) Hexachlorobenzene	16.68	284	109597	35.543	ng	99
69) Atrazine	16.82	200	93778	47.890	ng	94
70) Pentachlorophenol	17.03	266	100654	71.638	ng	98
71) Phenanthrene	17.41	178	394956	38.640	ng	99
72) Anthracene	17.50	178	409910	40.082	ng	100
73) Carbazole	17.78	167	360330	38.908	ng	99
74) Di-n-butylphthalate	18.32	149	442390	39.369	ng	99
75) Fluoranthene	19.42	202	532641	39.971	ng	98
77) Benzidine	19.60	184	286255	66.301	ng	98
78) Pyrene	19.79	202	533926	40.208	ng	99
80) Butylbenzylphthalate	20.67	149	197102	39.178	ng	98
81) Benzo(a)anthracene	21.61	228	553874	41.217	ng	99
82) 3,3'-Dichlorobenzidine	21.54	252	118485	22.796	ng	97
83) Chrysene	21.68	228	541415	40.550	ng	98
84) Bis(2-ethylhexyl)phthalate	21.51	149	289716	40.539	ng	98
85) Di-n-octyl phthalate	22.70	149	498334	41.101	ng	98
86) Indeno(1,2,3-cd)pyrene	28.44	276	694856	41.460	ng	# 94
88) Benzo(b)fluoranthene	23.80	252	560786	38.868	ng	99
89) Benzo(k)fluoranthene	23.87	252	601076	41.382	ng	99
90) Benzo(a)pyrene	24.66	252	539498	39.157	ng	99
91) Dibenzo(a,h)anthracene	28.49	278	584878	41.502	ng	99
92) Benzo(g,h,i)perylene	29.57	276	575375	41.391	ng	97

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

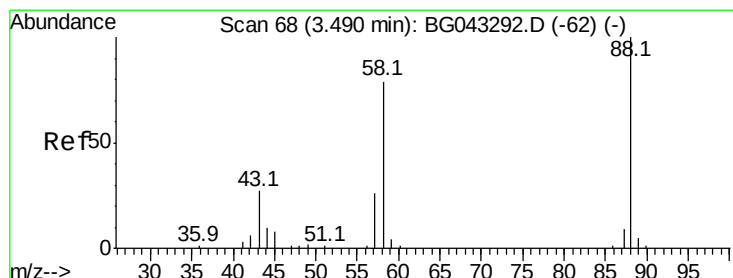
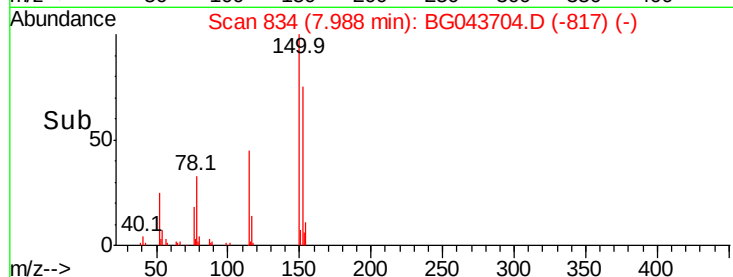
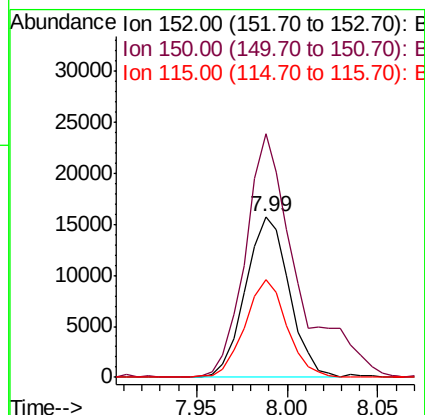
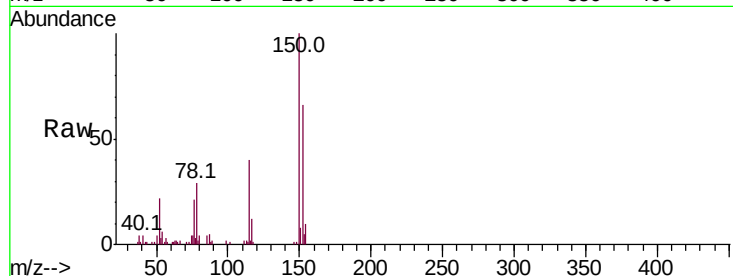


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :

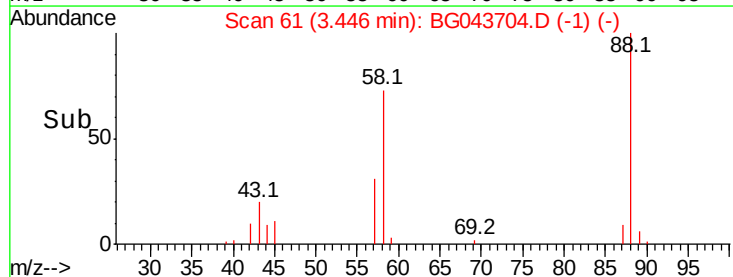
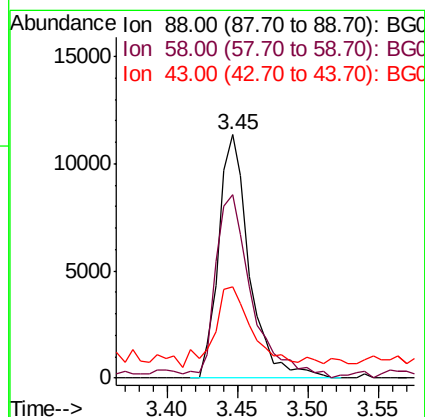
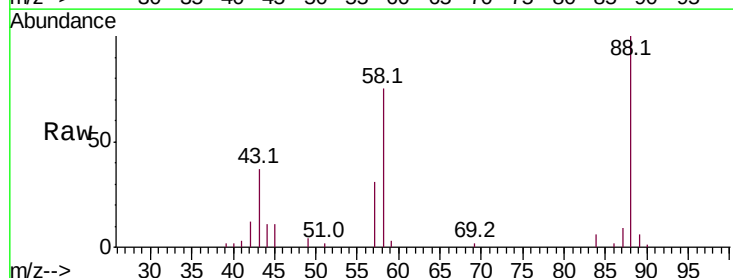
Tot Ion:152 Resp: 26302
Ion Ratio Lower Upper
152 100
150 151.3 116.6 175.0
115 60.6 40.5 60.7

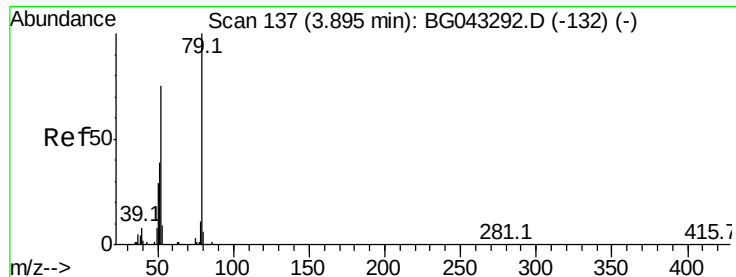


#2

1,4-Dioxane
Concen: 30.738 ng
RT: 3.45 min Scan# 61
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion: 88 Resp: 17193
Ion Ratio Lower Upper
88 100
58 88.9 62.2 93.4
43 40.9 30.1 45.1





#3

Pvridine

Concen: 30.892 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampleId :

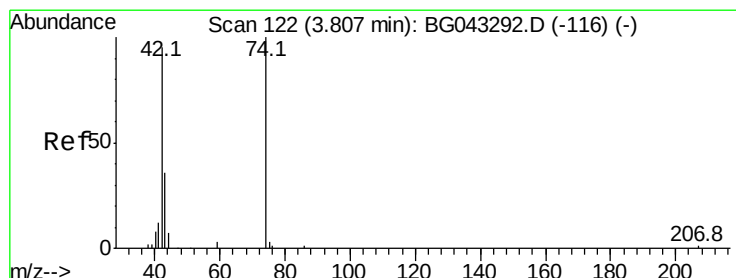
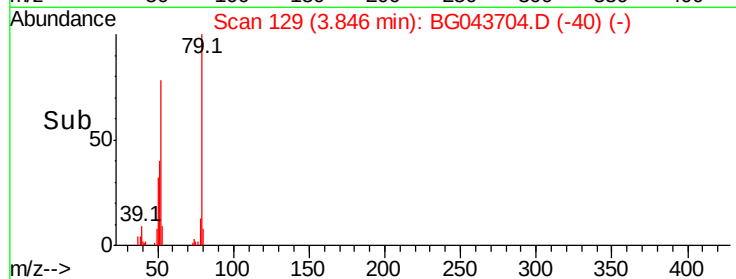
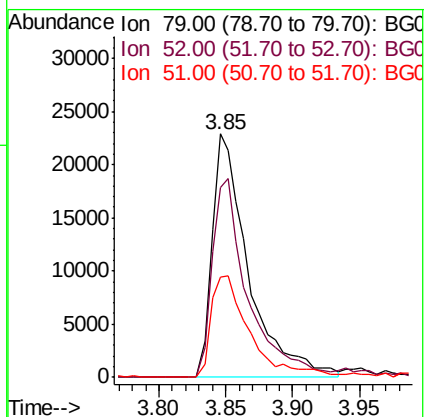
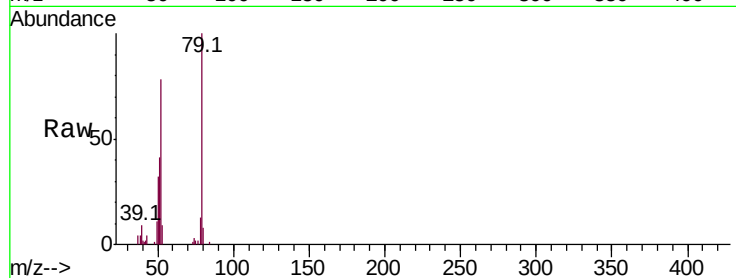
Tot Ion: 79 Resp: 43588

Ion Ratio Lower Upper

79 100

52 77.9 63.2 94.8

51 41.1 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 43.276 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

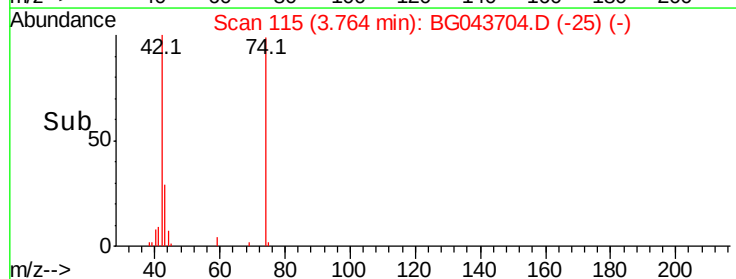
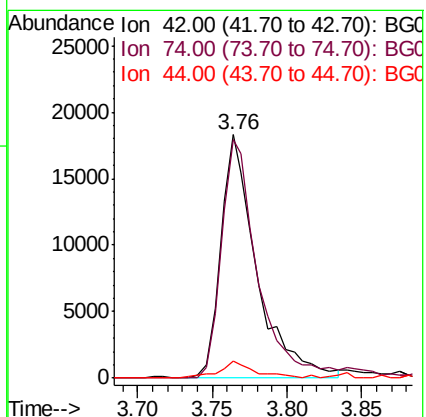
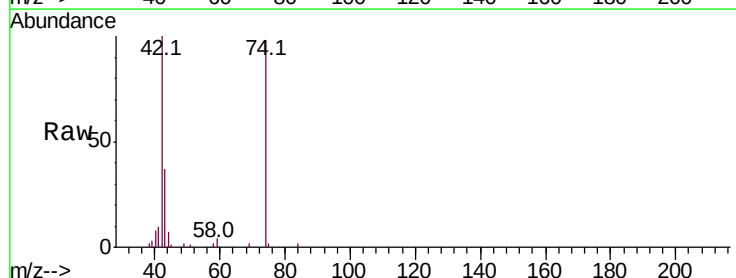
Tgt Ion: 42 Resp: 30812

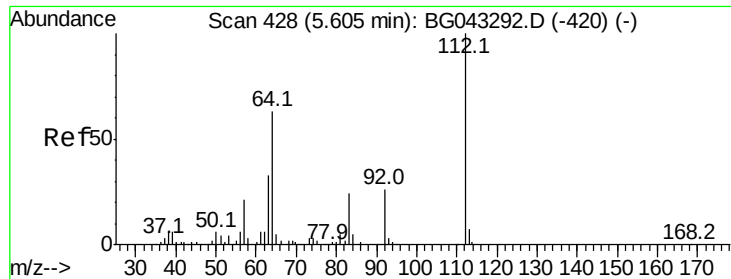
Ion Ratio Lower Upper

42 100

74 98.0 83.0 124.6

44 6.8 4.4 6.6#





#5

2-Fluorophenol

Concen: 114.923 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampled :

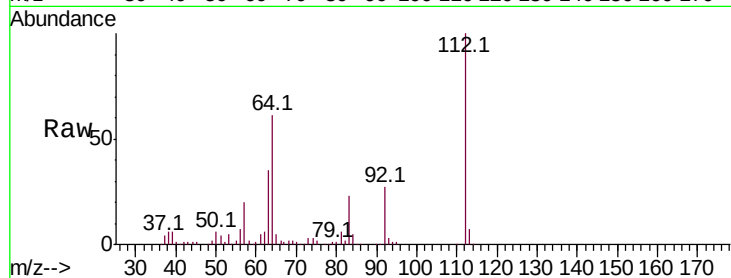
Tot Ion:112 Resp: 164954

Ion Ratio Lower Upper

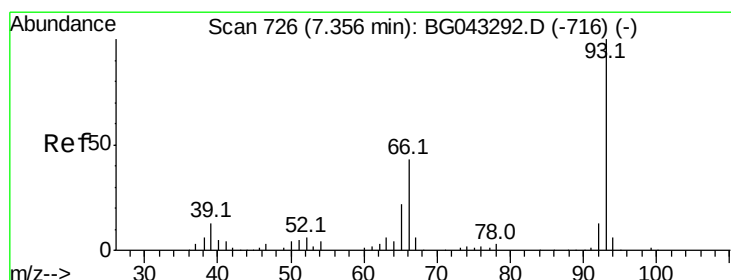
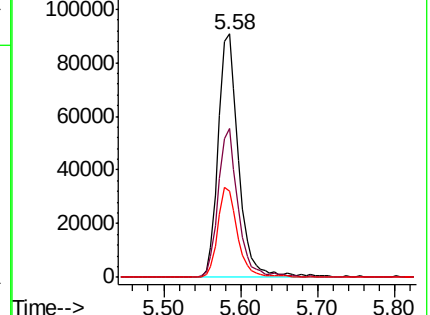
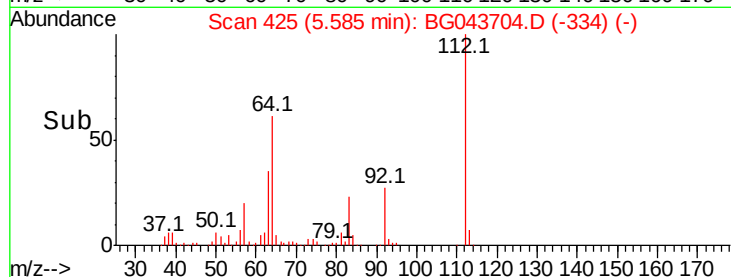
112 100

64 61.1 50.6 75.8

63 35.4 30.5 45.7



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



#6

Aniline

Concen: 21.634 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

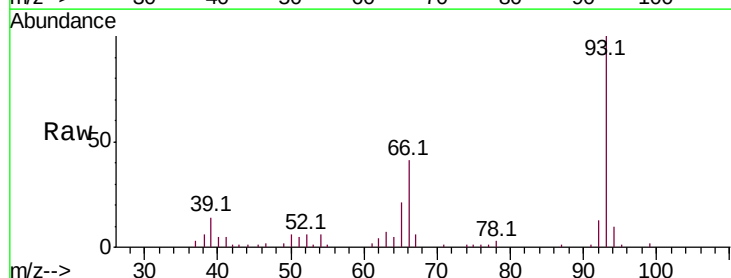
Tgt Ion: 93 Resp: 51465

Ion Ratio Lower Upper

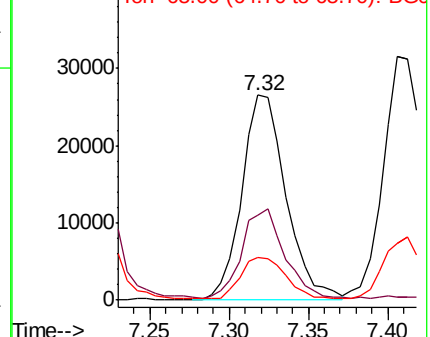
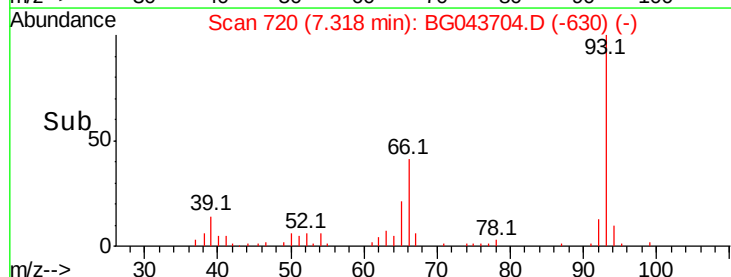
93 100

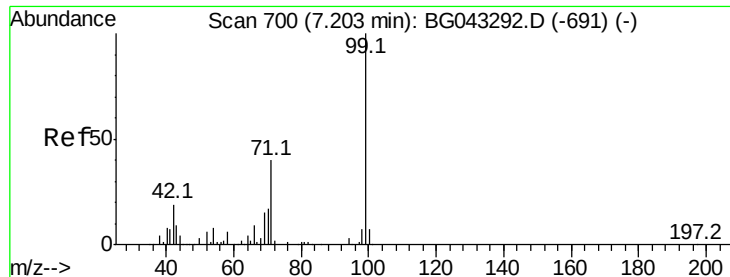
66 41.3 35.4 53.2

65 20.9 17.1 25.7



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: 114.303 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampleId :

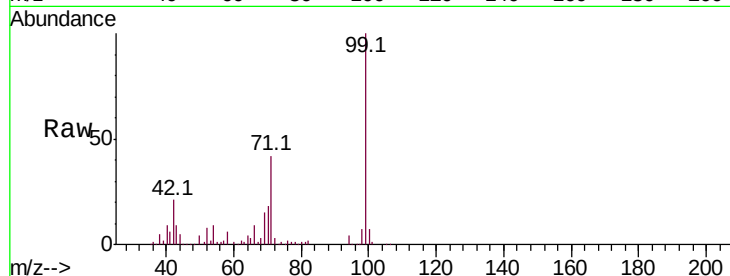
Tot Ion: 99 Resp: 236050

Ion Ratio Lower Upper

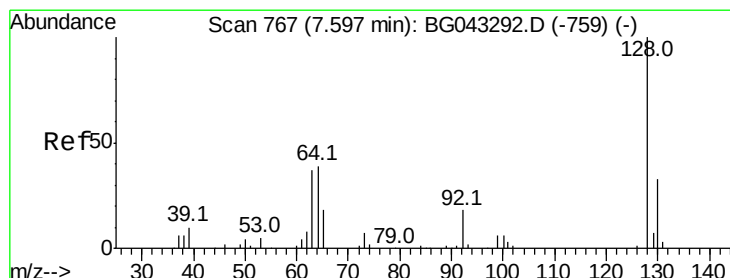
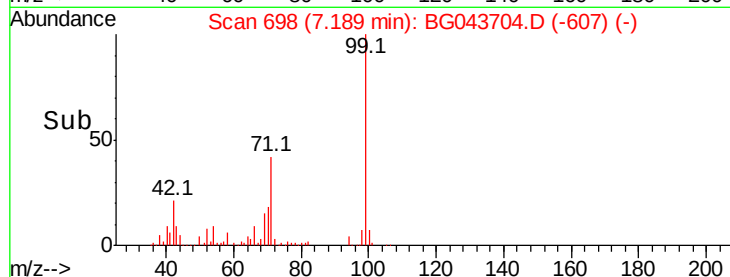
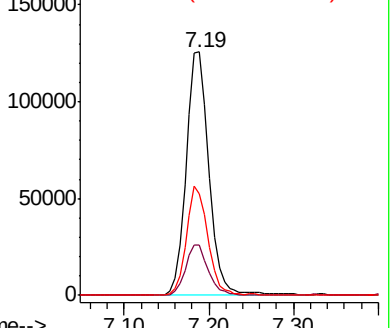
99 100

42 20.8 15.8 23.8

71 41.6 34.4 51.6



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: 43.753 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

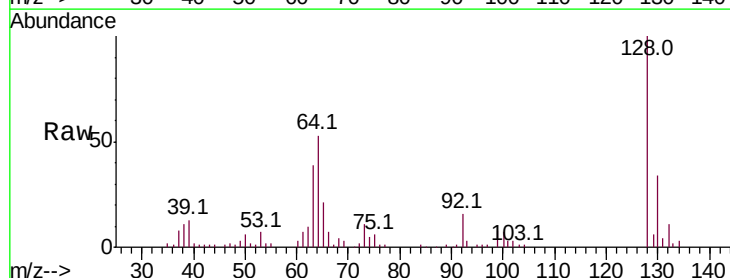
Tgt Ion: 128 Resp: 69324

Ion Ratio Lower Upper

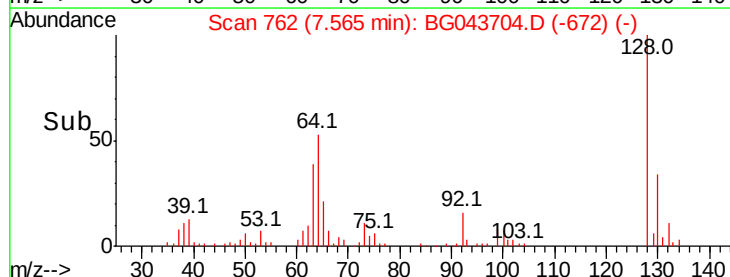
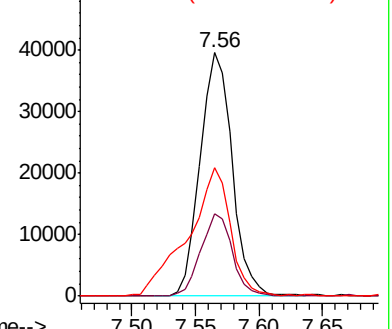
128 100

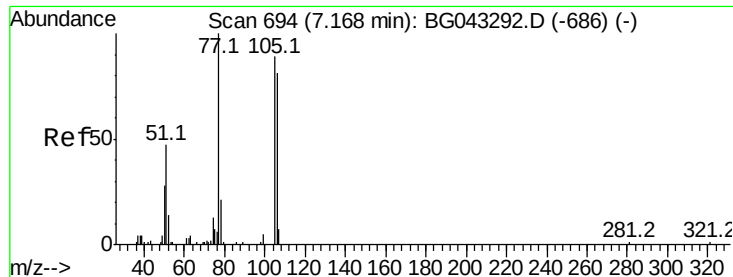
130 33.6 14.5 54.5

64 52.9 29.2 69.2



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: 30.904 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampleId :

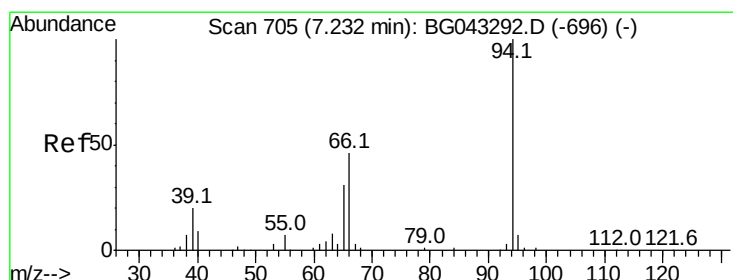
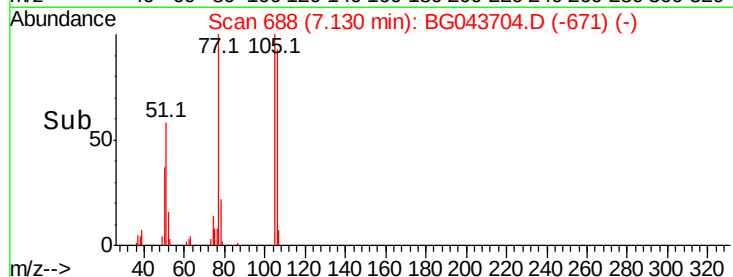
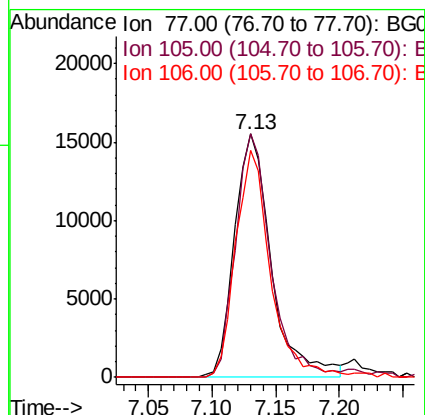
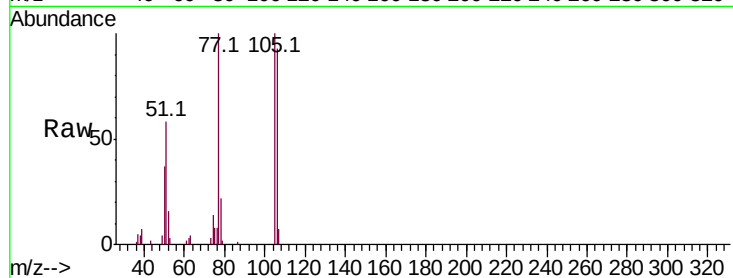
Tot Ion: 77 Resp: 31364

Ion Ratio Lower Upper

77 100

105 100.2 84.9 124.9

106 93.3 75.1 115.1



#10

Phenol

Concen: 50.429 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

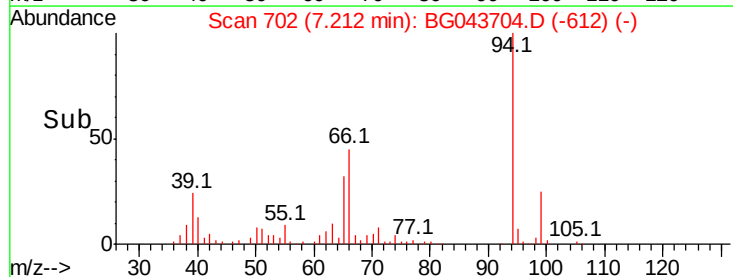
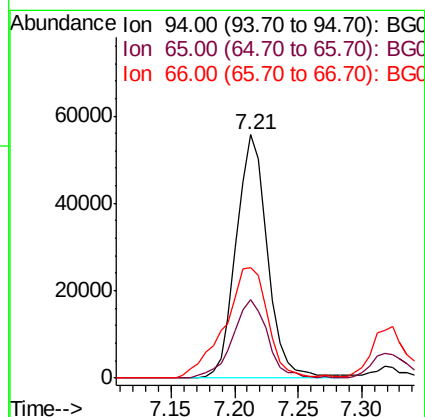
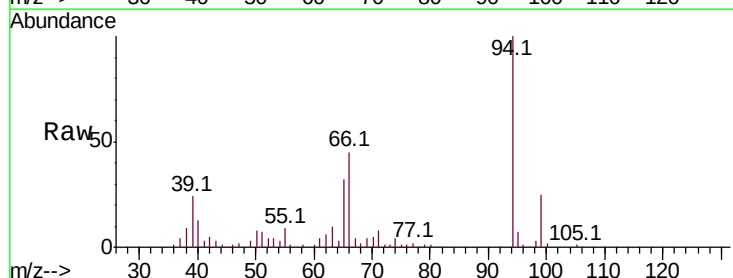
Tgt Ion: 94 Resp: 95165

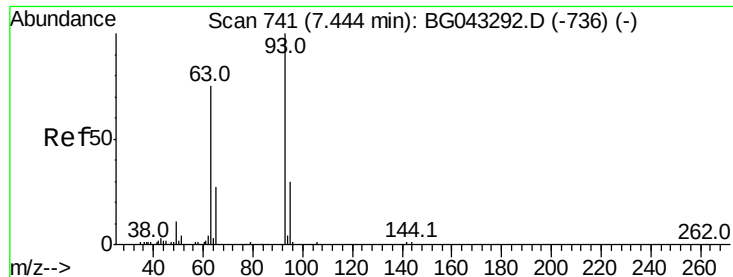
Ion Ratio Lower Upper

94 100

65 32.4 11.4 51.4

66 45.4 28.4 68.4



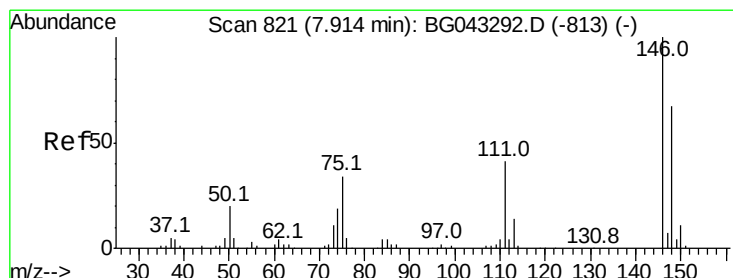
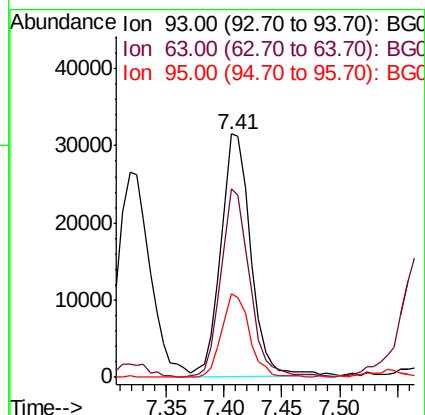
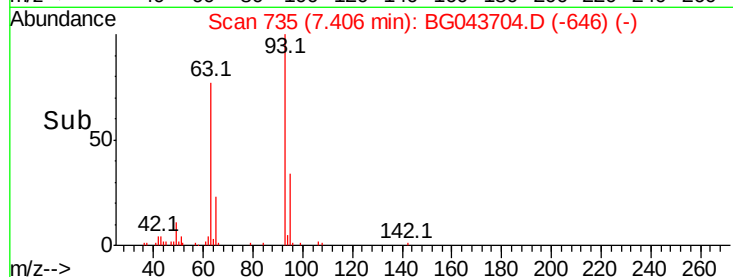
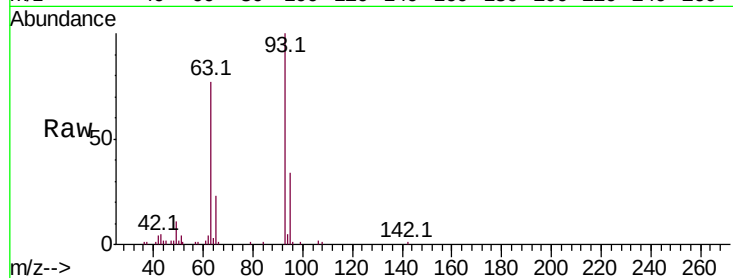


#11

bis(2-Chloroethyl)ether
Concen: 38.790 ng
RT: 7.41 min Scan# 735
Delta R.T. -0.01 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :

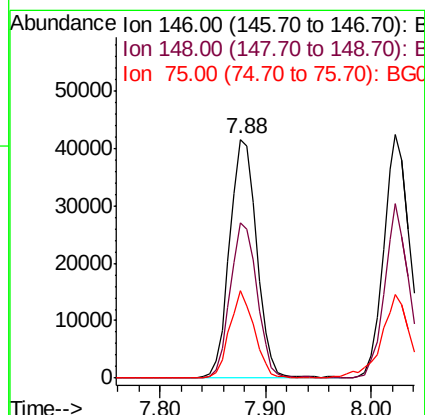
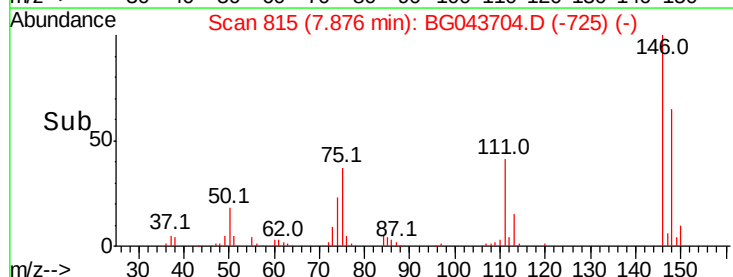
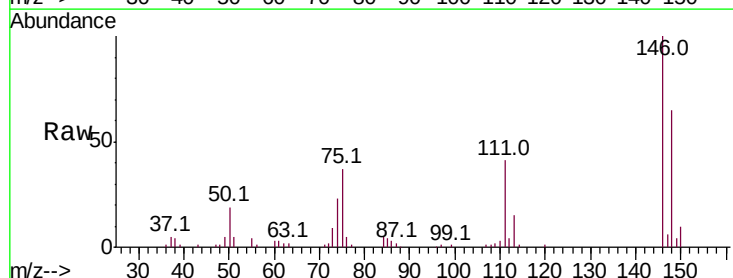
Tot Ion: 93 Resp: 56595
Ion Ratio Lower Upper
93 100
63 77.3 54.9 94.9
95 34.1 7.2 47.2

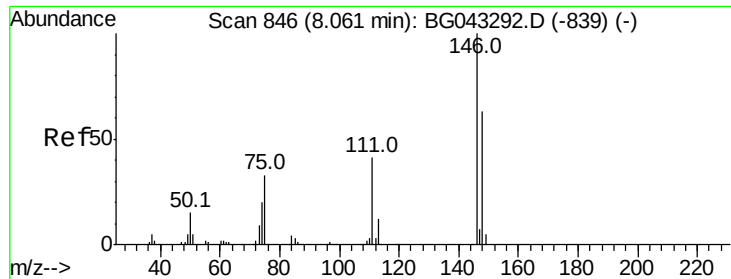


#12

1,3-Dichlorobenzene
Concen: 37.249 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion: 146 Resp: 73947
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.2
75 36.7 26.2 39.2

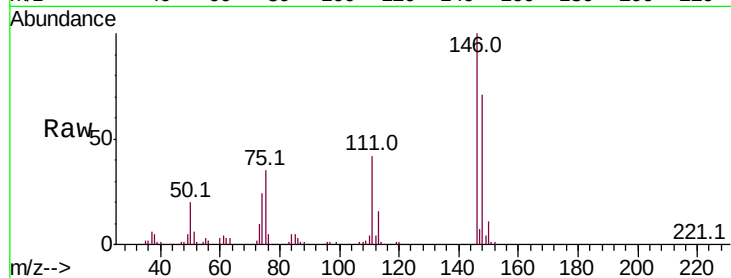




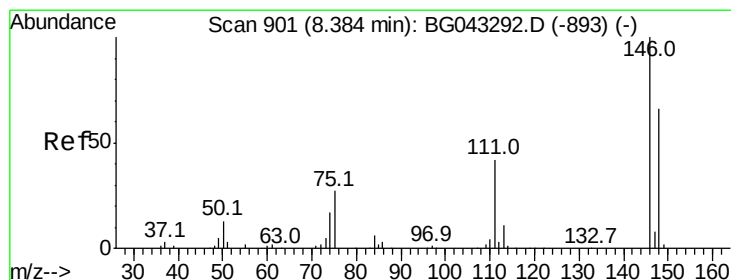
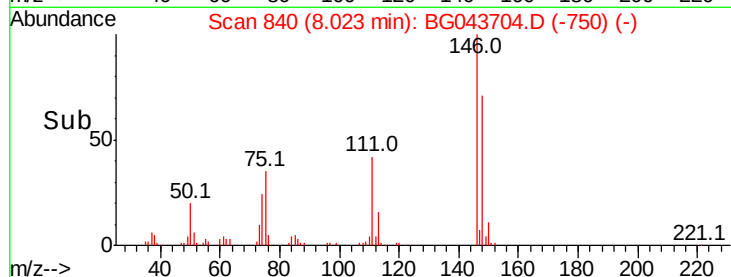
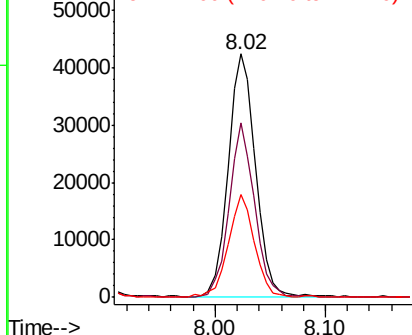
#13
 1,4-Dichlorobenzene
 Concen: 36.638 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 73588
 Ion Ratio Lower Upper
 146 100
 148 71.4 51.0 76.6
 111 42.5 34.3 51.5

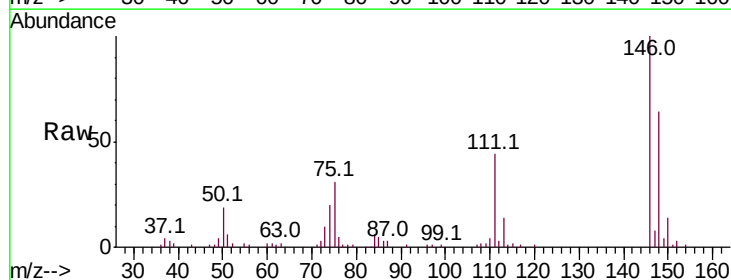


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

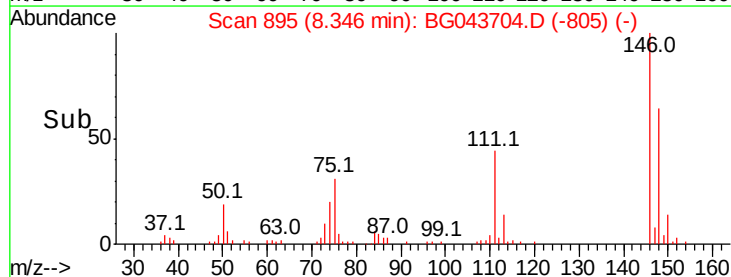
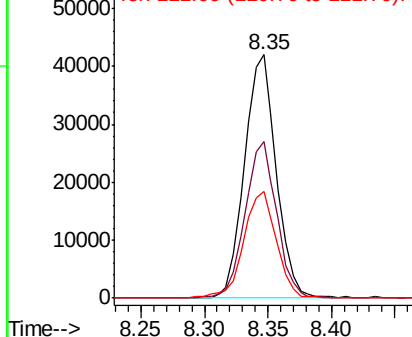


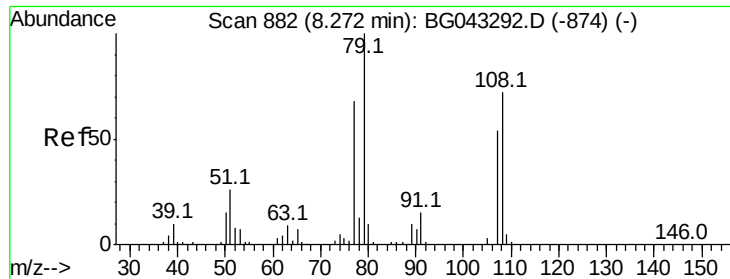
#14
 1,2-Dichlorobenzene
 Concen: 37.187 ng
 RT: 8.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Tgt Ion:146 Resp: 72928
 Ion Ratio Lower Upper
 146 100
 148 64.1 53.4 80.2
 111 44.1 35.3 52.9



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





#15

Benzyl Alcohol

Concen: 36.991 ng

RT: 8.24 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampleId :

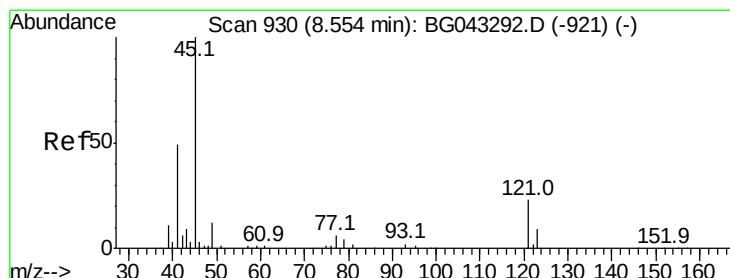
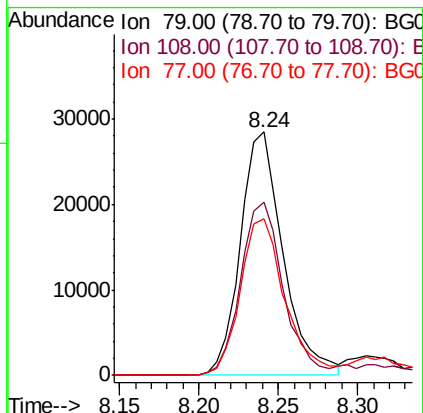
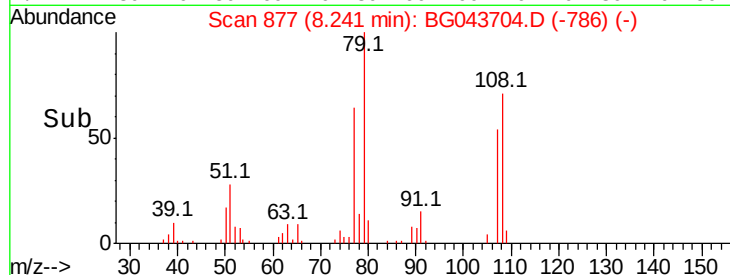
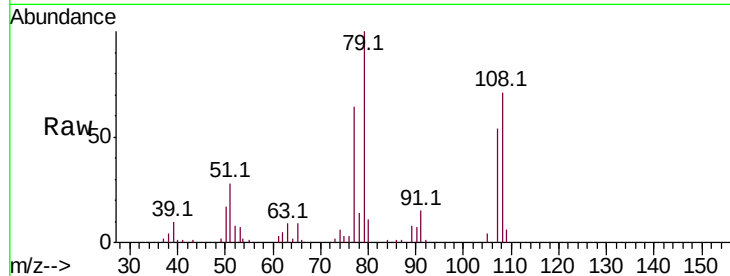
Tot Ion: 79 Resp: 53649

Ion Ratio Lower Upper

79 100

108 71.2 56.0 84.0

77 64.1 47.9 71.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.086 ng

RT: 8.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

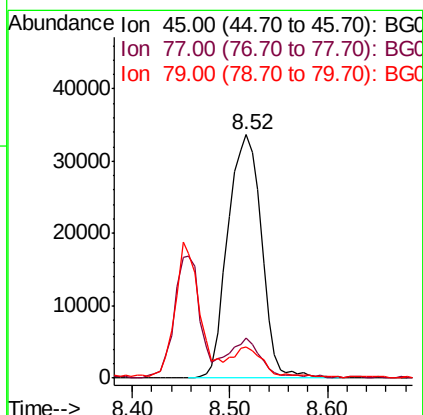
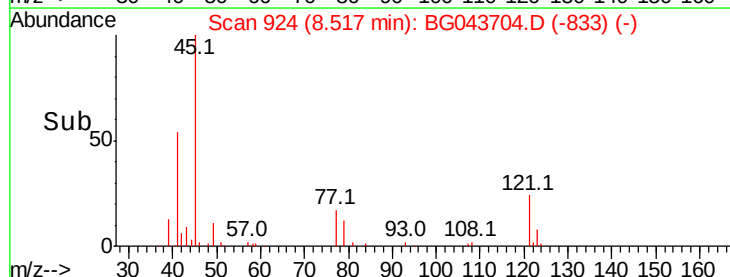
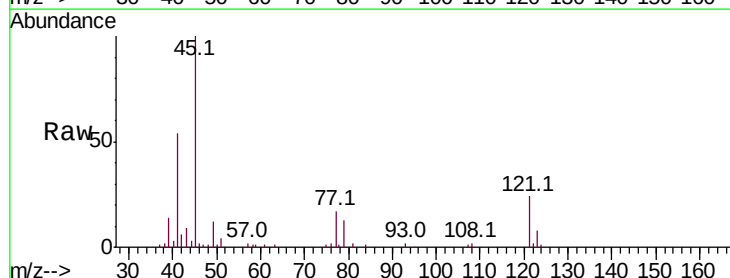
Tgt Ion: 45 Resp: 80799

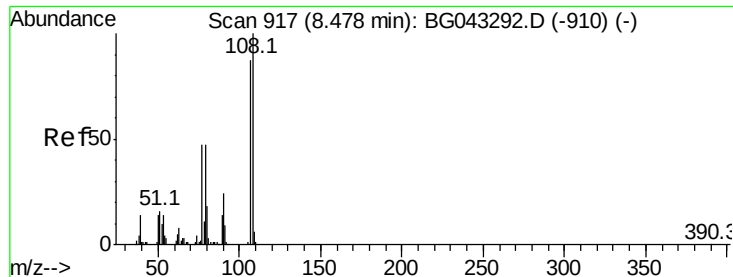
Ion Ratio Lower Upper

45 100

77 16.6 0.0 35.2

79 12.8 0.0 32.4





#17

2-Methylphenol

Concen: 42.913 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 59035

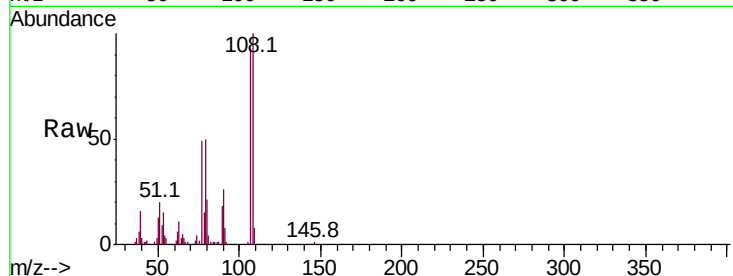
Ion Ratio Lower Upper

107 100

108 108.5 84.7 127.1

77 53.0 46.2 69.4

79 54.2 41.0 61.6

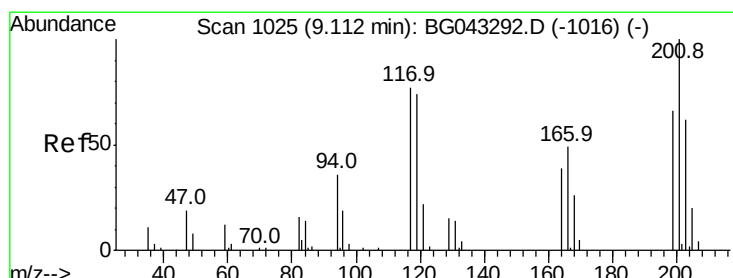
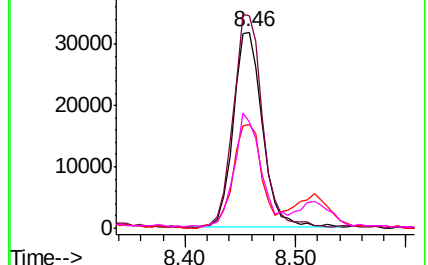
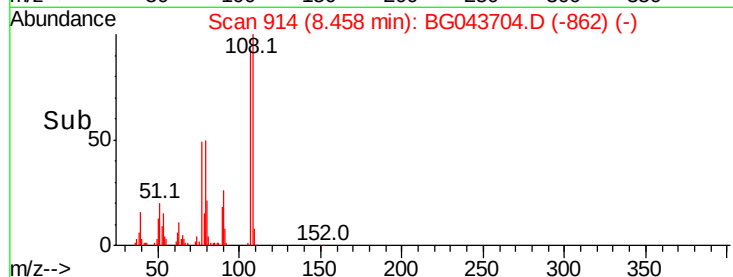


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.100 ng

RT: 9.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

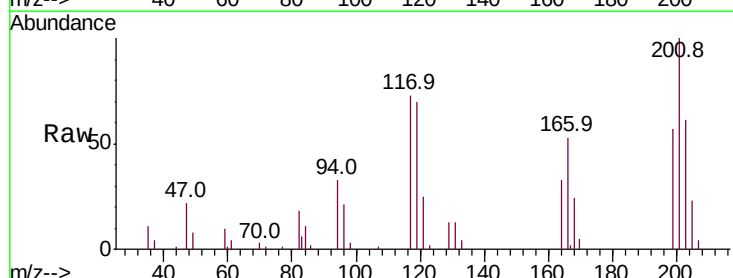
Tgt Ion:117 Resp: 26885

Ion Ratio Lower Upper

117 100

119 95.3 81.7 122.5

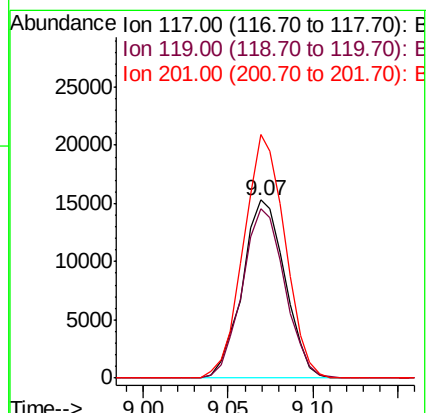
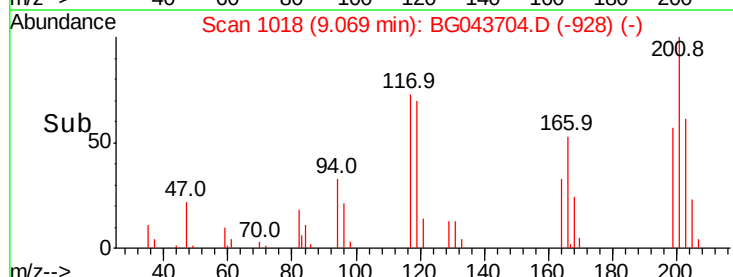
201 136.6 98.6 147.8

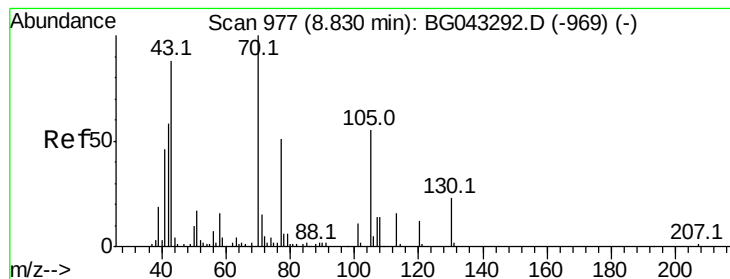


Abundance Ion 117.00 (116.70 to 117.70): E

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: 38.799 ng

RT: 8.79 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 51775

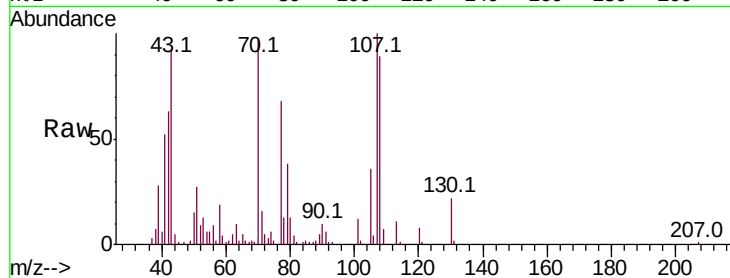
Ion Ratio Lower Upper

70 100

42 65.0 49.7 74.5

101 12.2 9.7 14.5

130 23.0 17.7 26.5



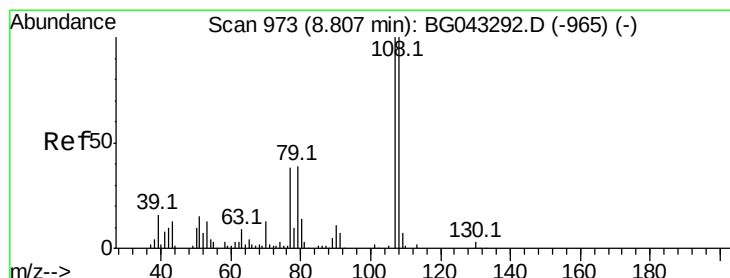
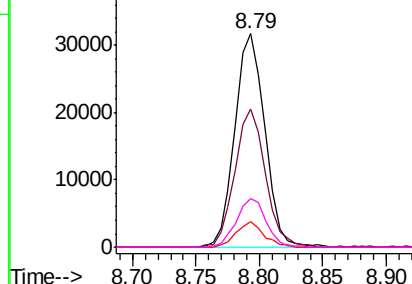
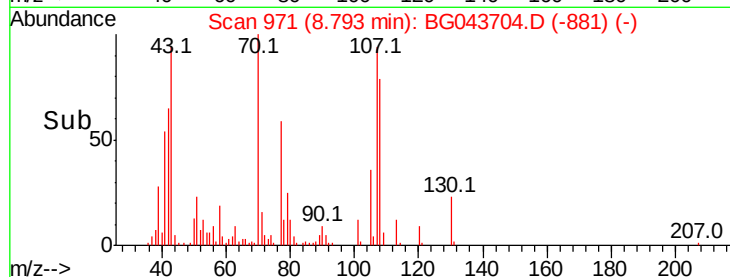
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 42.095 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Tgt Ion:107 Resp: 79409

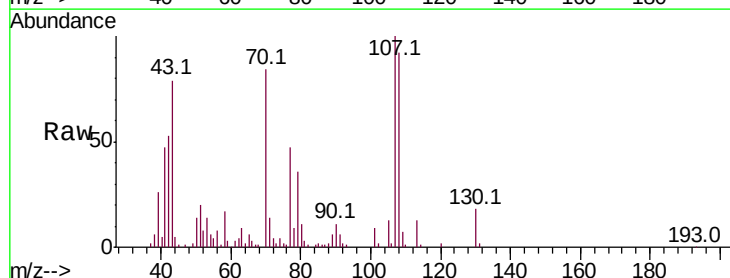
Ion Ratio Lower Upper

107 100

108 92.4 69.5 109.5

77 46.8 32.8 72.8

79 35.7 15.3 55.3



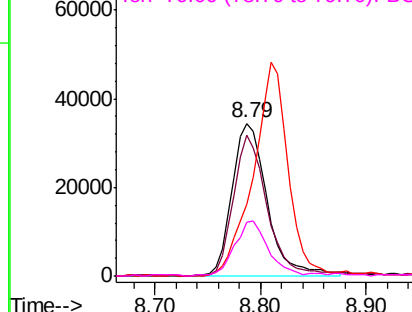
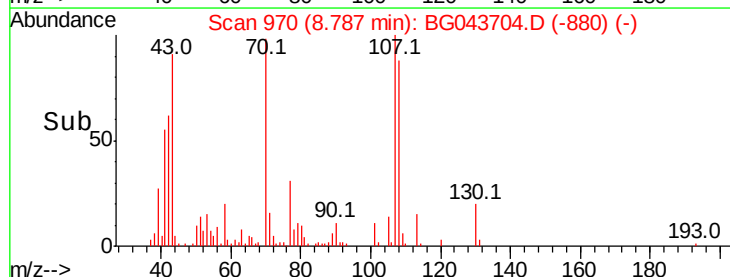
Abundance

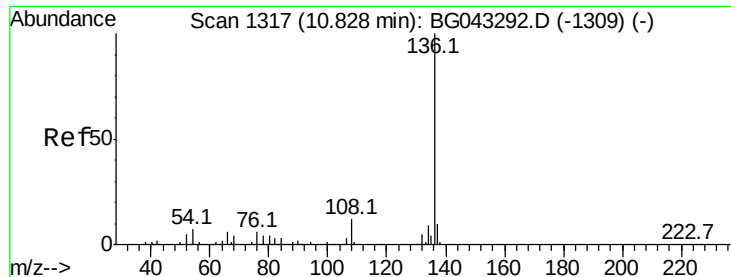
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

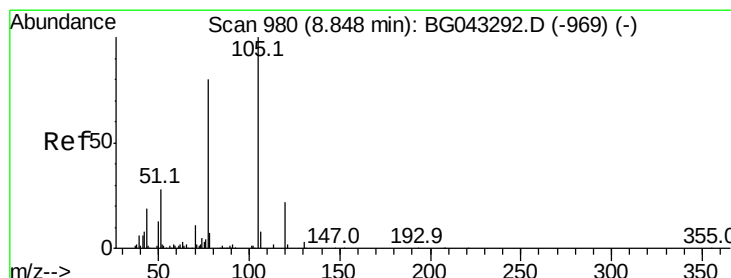
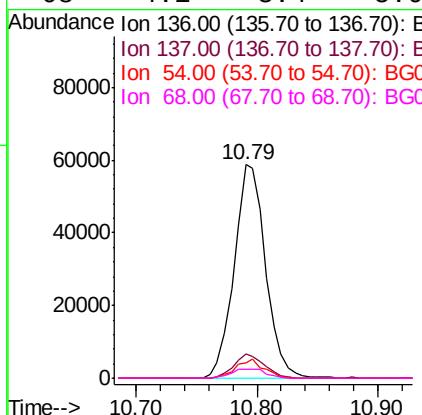
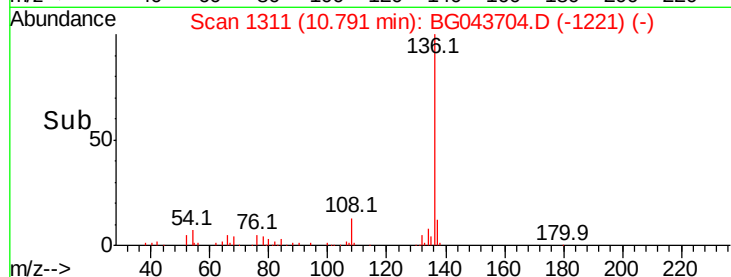
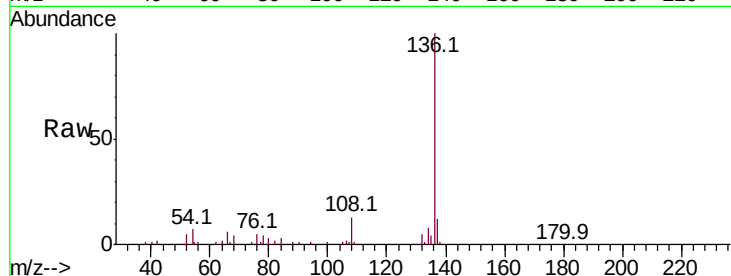




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

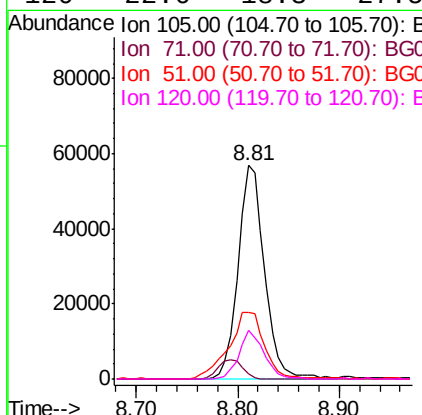
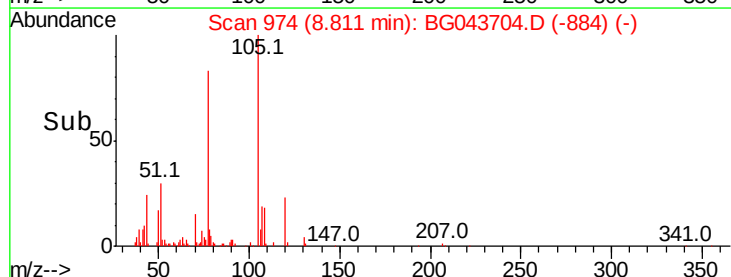
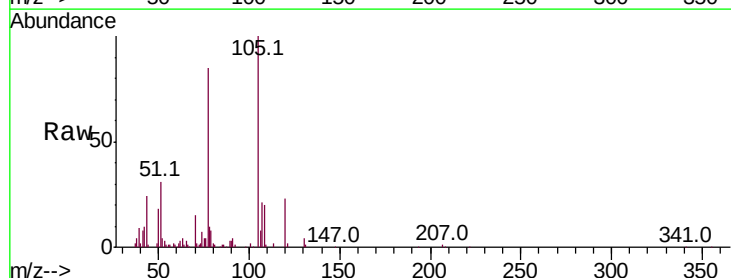
Instrument :
BNA_G
ClientSampleId :

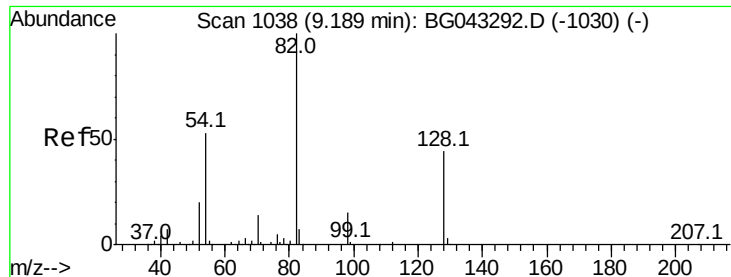
Tot Ion:	136	Resp:	106564
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	7.3	6.2	9.2
68	4.1	3.4	5.0



#22
Acetophenone
Concen: 37.683 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion:	105	Resp:	102837
Ion	Ratio	Lower	Upper
105	100		
71	2.5	1.5	2.3#
51	31.2	25.0	37.6
120	22.6	18.3	27.5

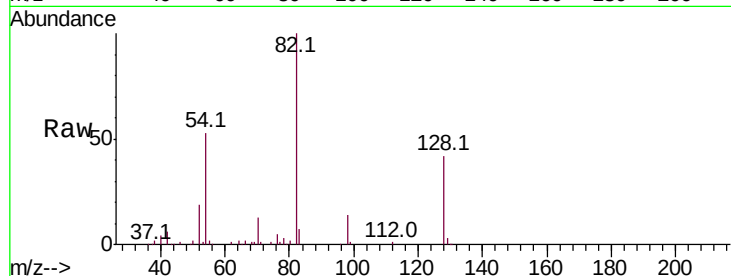




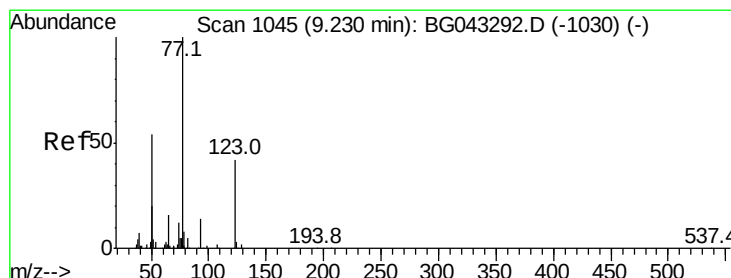
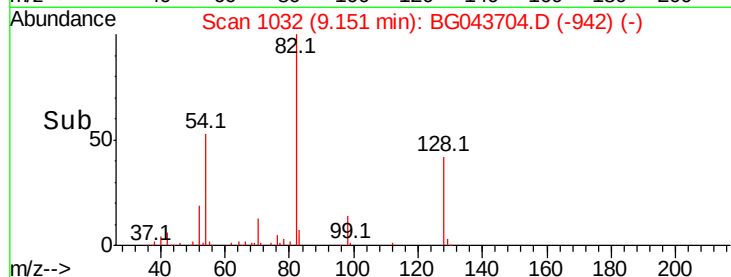
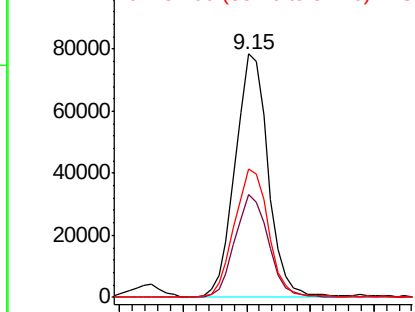
#23
 Nitrobenzene-d5
 Concen: 68.704 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 142013
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.2 51.4
 54 52.9 44.7 67.1

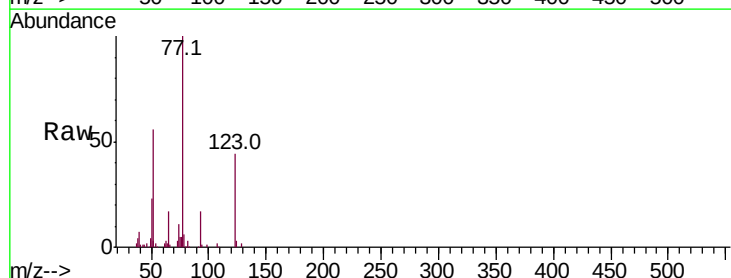


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

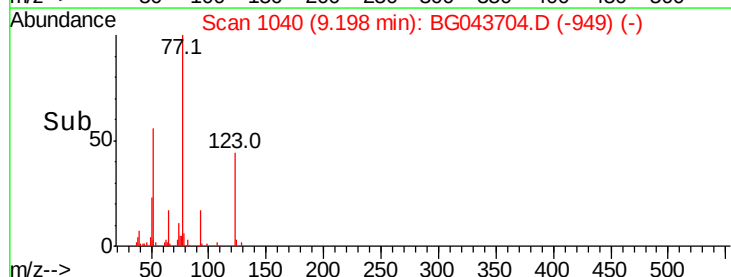
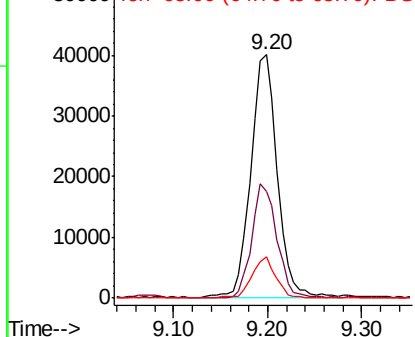


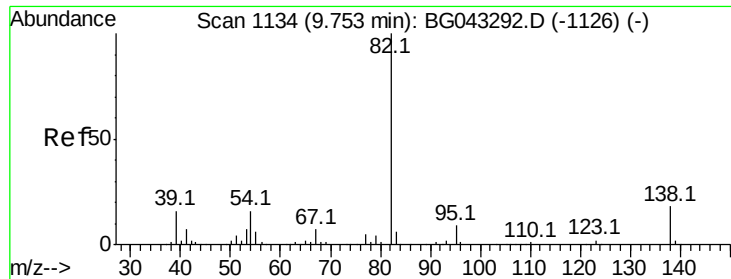
#24
 Nitrobenzene
 Concen: 40.057 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Tgt Ion: 77 Resp: 78874
 Ion Ratio Lower Upper
 77 100
 123 43.7 33.6 50.4
 65 16.9 12.9 19.3



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





#25

Isophorone

Concen: 39.215 ng

RT: 9.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampleId :

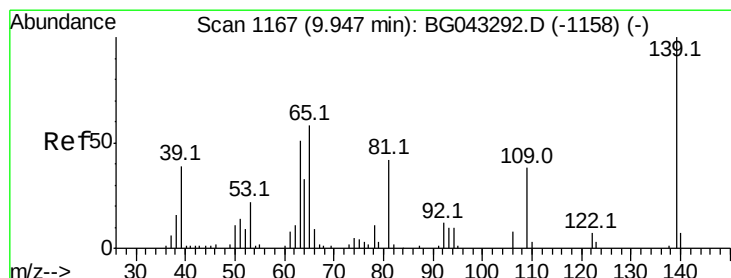
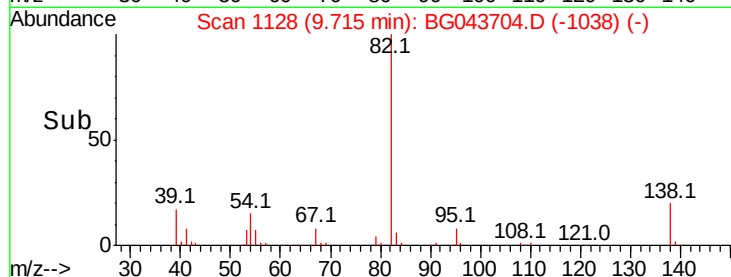
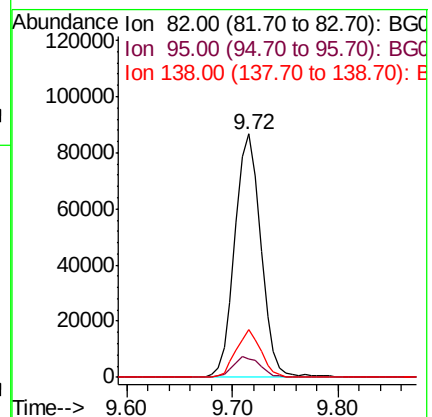
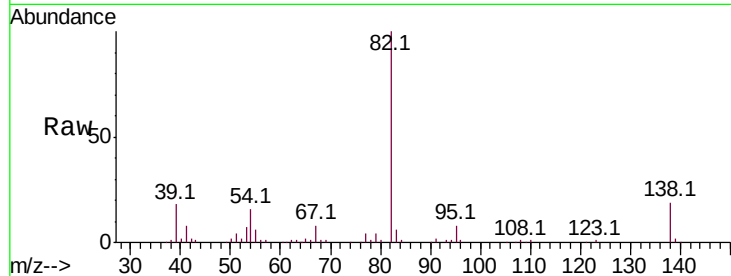
Tot Ion: 82 Resp: 148195

Ion Ratio Lower Upper

82 100

95 7.7 7.4 11.0

138 19.4 15.1 22.7



#26

2-Nitrophenol

Concen: 41.191 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

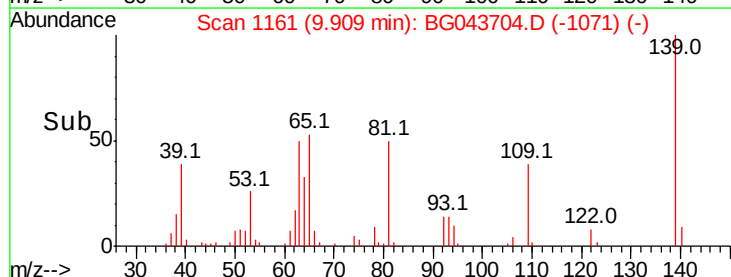
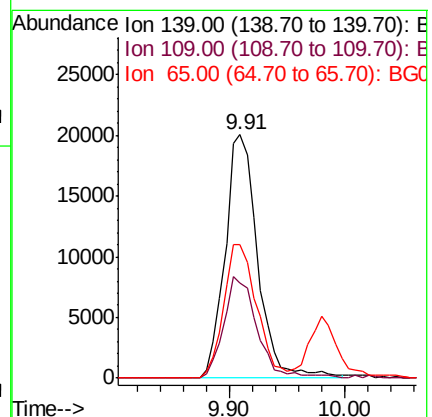
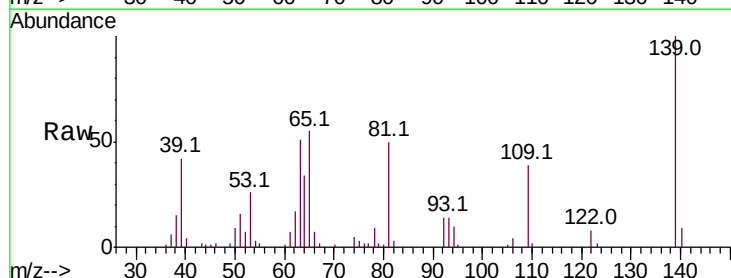
Tgt Ion:139 Resp: 39157

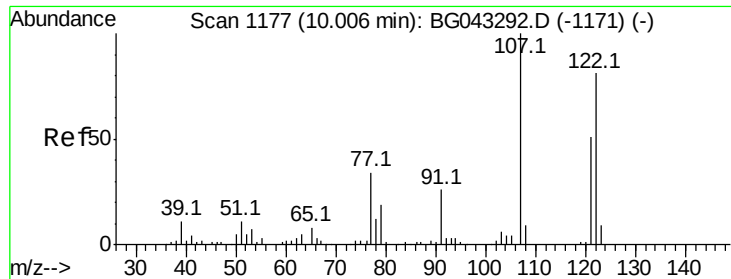
Ion Ratio Lower Upper

139 100

109 39.0 32.6 48.8

65 54.8 47.6 71.4

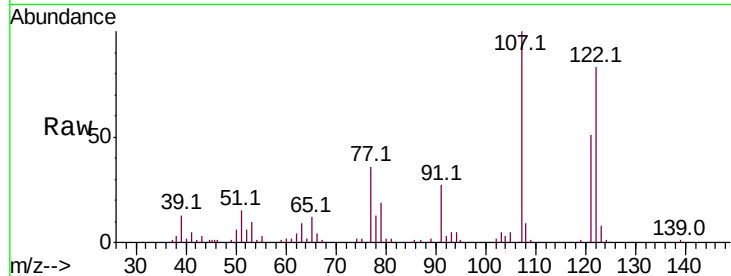




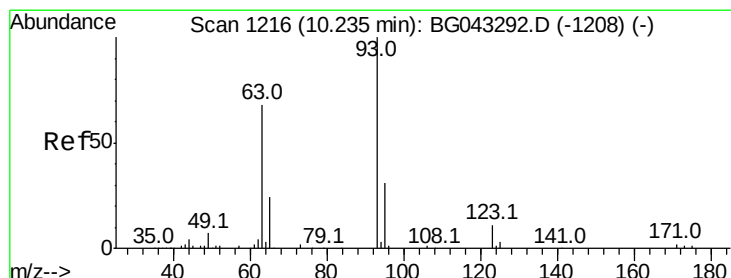
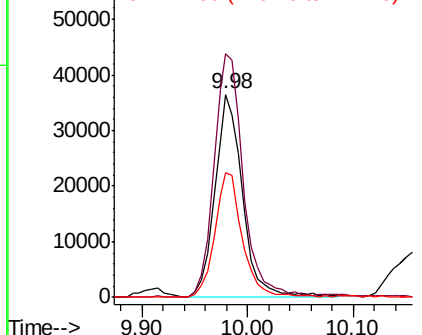
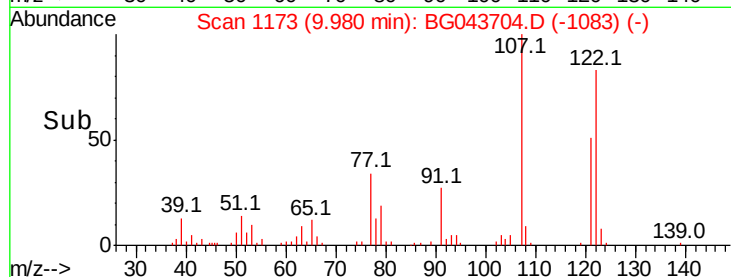
#27
 2,4-Dimethylphenol
 Concen: 48.911 ng
 RT: 9.98 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 66642
 Ion Ratio Lower Upper
 122 100
 107 119.9 100.7 151.1
 121 61.6 47.0 70.4

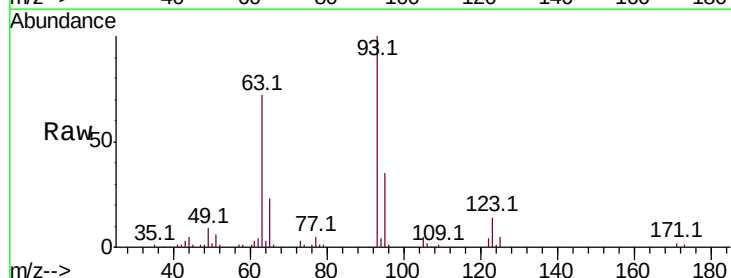


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

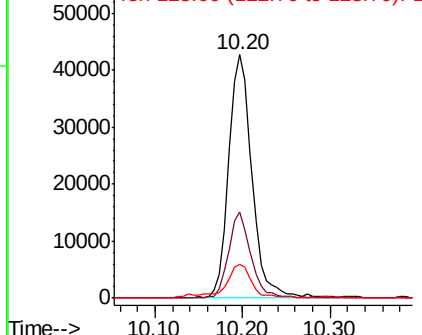
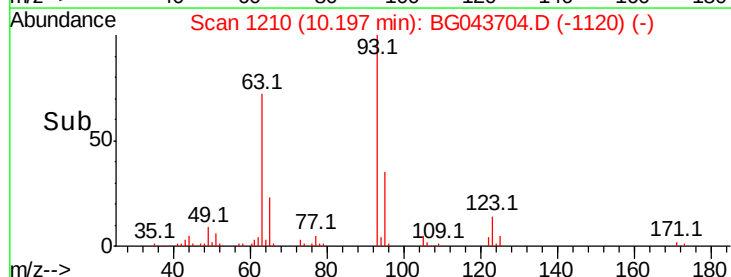


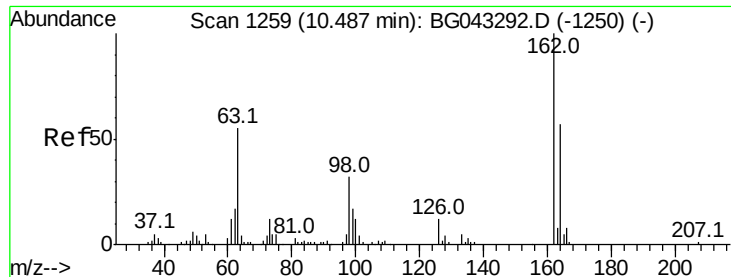
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.348 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Tgt Ion: 93 Resp: 77899
 Ion Ratio Lower Upper
 93 100
 95 35.2 27.5 41.3
 123 13.8 10.7 16.1



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

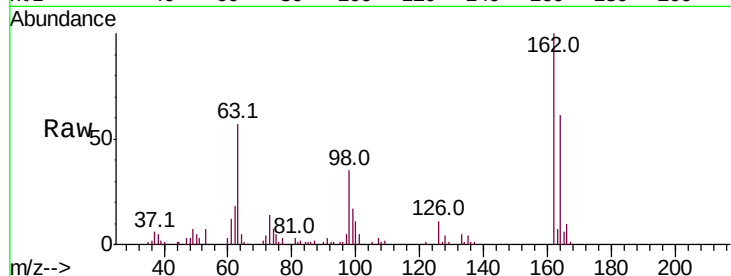




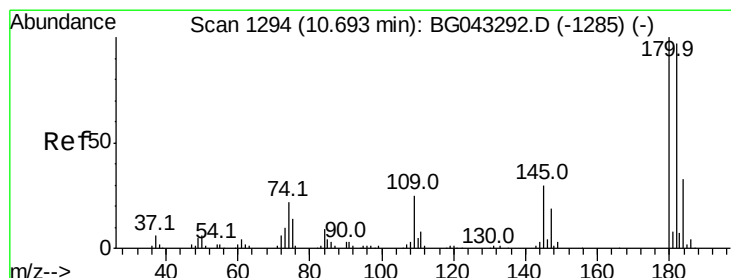
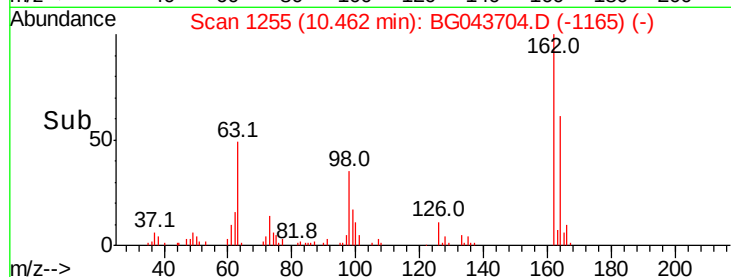
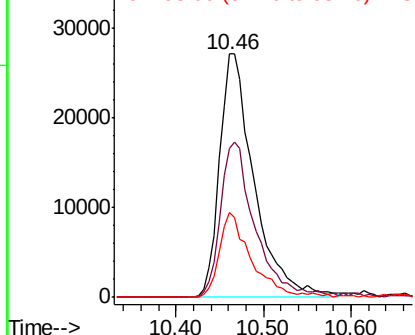
#29
2,4-Dichlorophenol
Concen: 42.312 ng
RT: 10.46 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.9	45.4	85.4
98	34.7	10.1	50.1

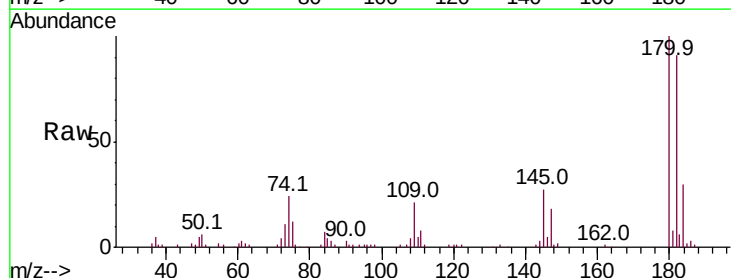


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

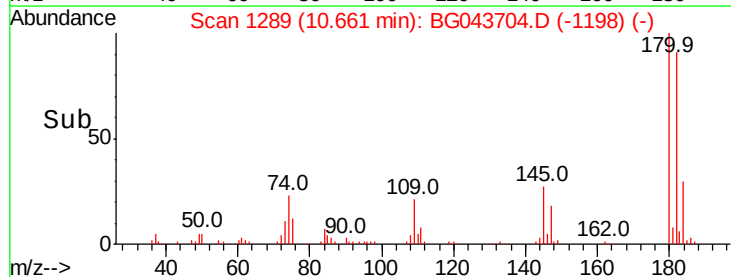
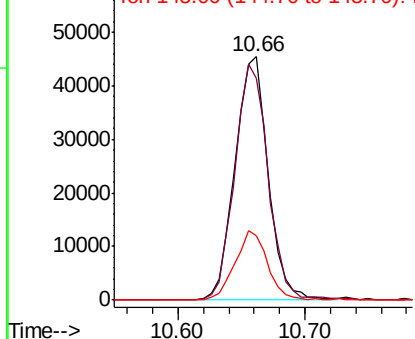


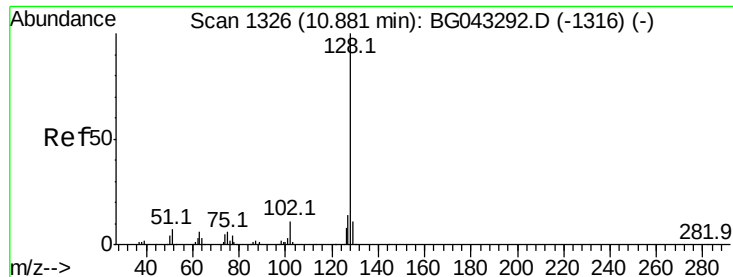
#30
1,2,4-Trichlorobenzene
Concen: 37.452 ng
RT: 10.66 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	74.5	111.7
145	26.6	21.4	32.0



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

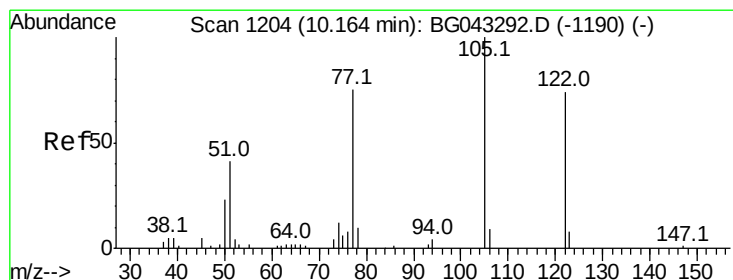
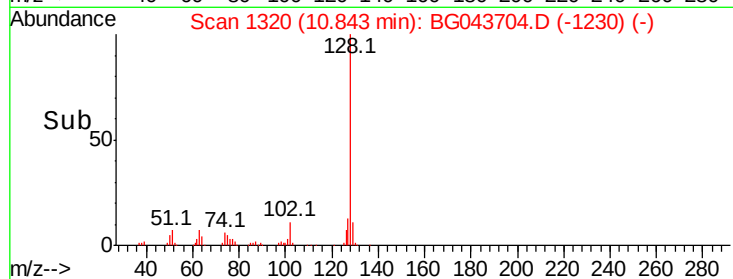
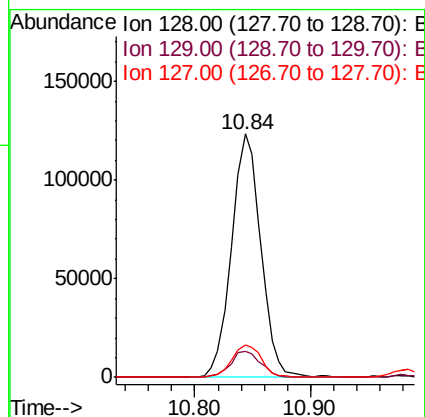
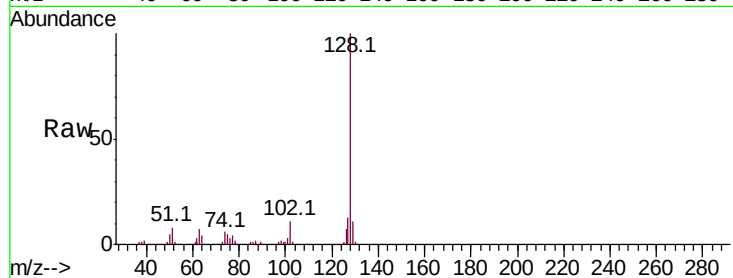




#31
Naphthalene
Concen: 40.102 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

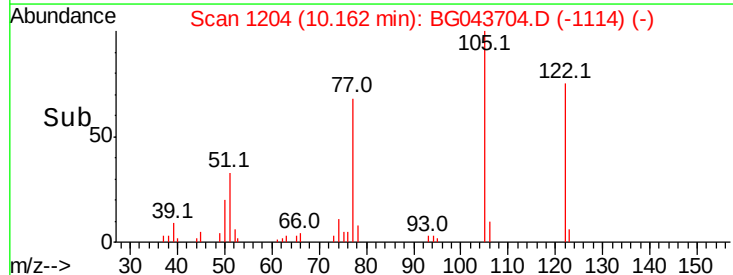
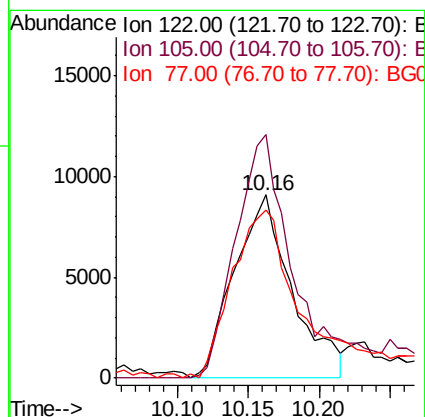
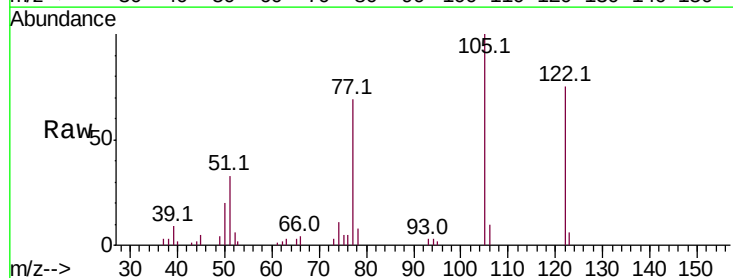
Instrument :
BNA_G
ClientSampleId :

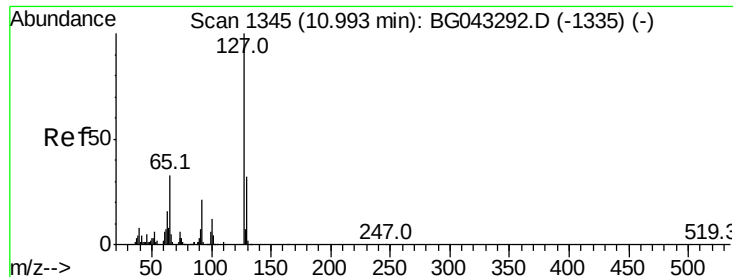
Tot Ion:128 Resp: 216917
Ion Ratio Lower Upper
128 100
129 10.8 9.5 14.3
127 13.3 11.0 16.4



#32
Benzoic acid
Concen: 29.256 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion:122 Resp: 25906
Ion Ratio Lower Upper
122 100
105 132.9 101.8 141.8
77 91.7 86.8 126.8

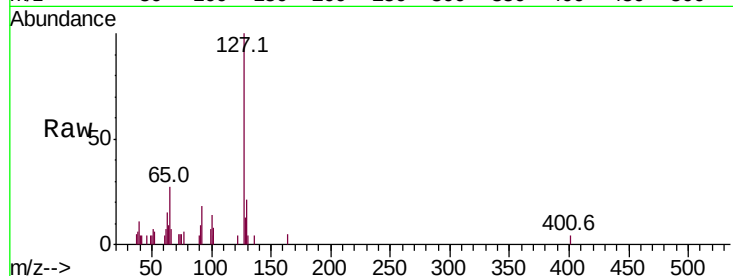




#33
4-Chloroaniline
Concen: 3.907 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	8662
Ion Ratio	Lower	Upper
127	100	
129	20.8	28.0 42.0#
65	27.2	28.3 42.5#
92	17.8	16.5 24.7



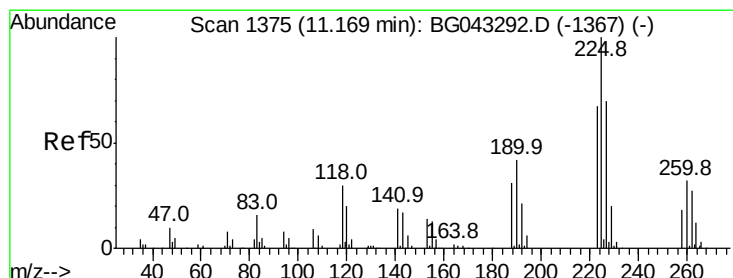
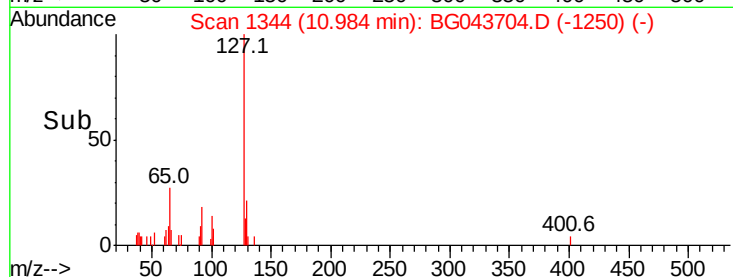
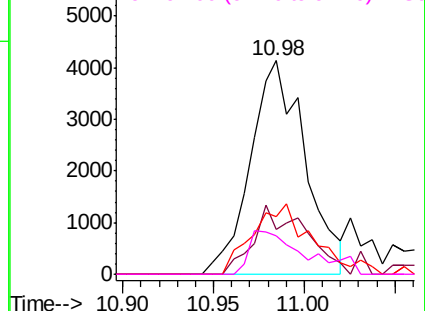
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

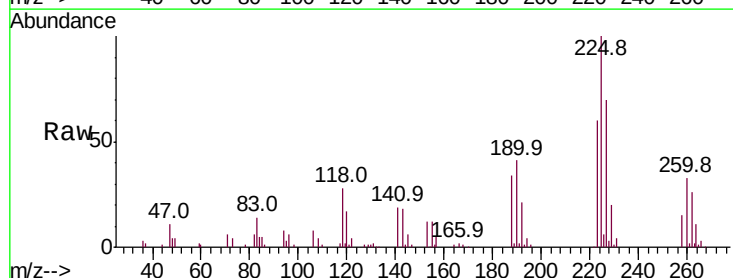
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 35.321 ng
RT: 11.13 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion:225	Resp:	57450
Ion Ratio	Lower	Upper
225	100	
223	60.2	48.6 73.0
227	70.0	49.1 73.7

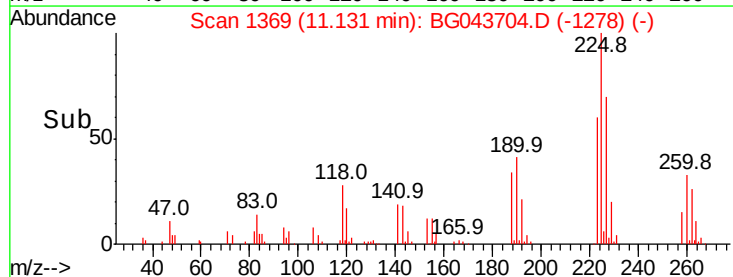
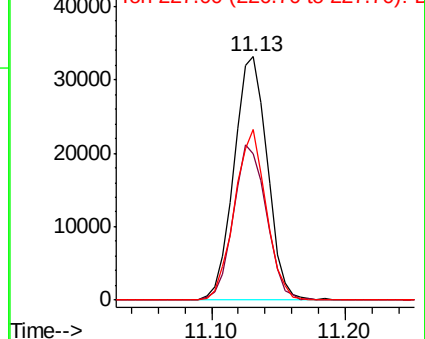


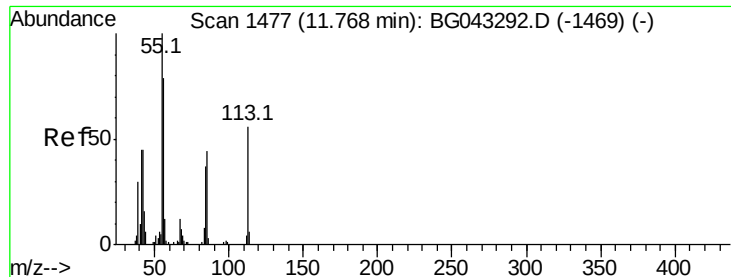
Abundance

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

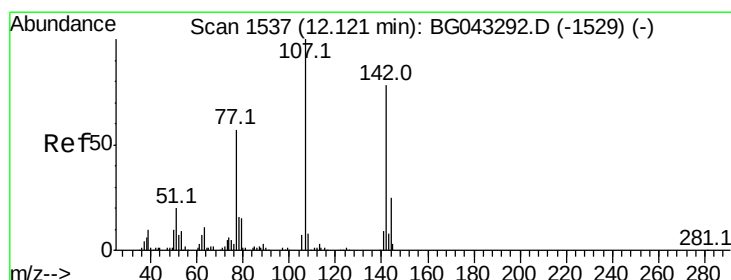
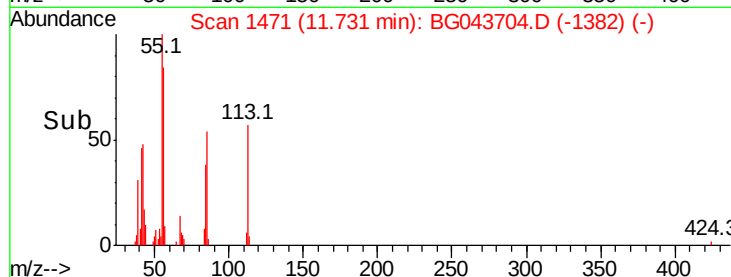
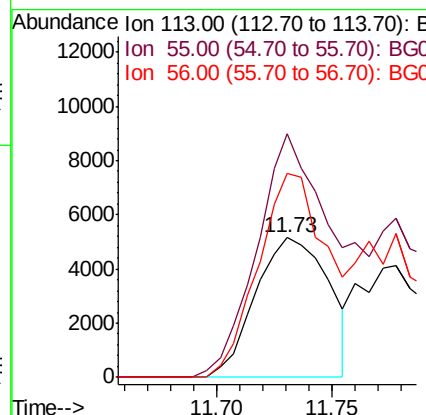
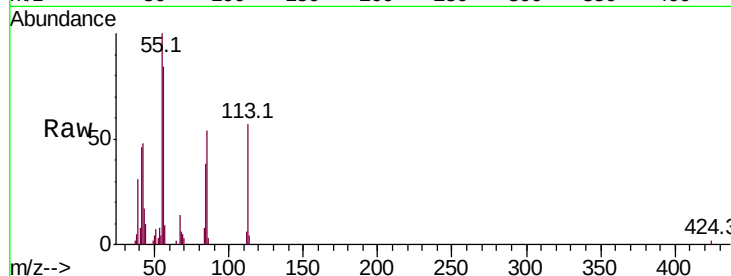




#35
 Caprolactam
 Concen: 18.931 ng
 RT: 11.73 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

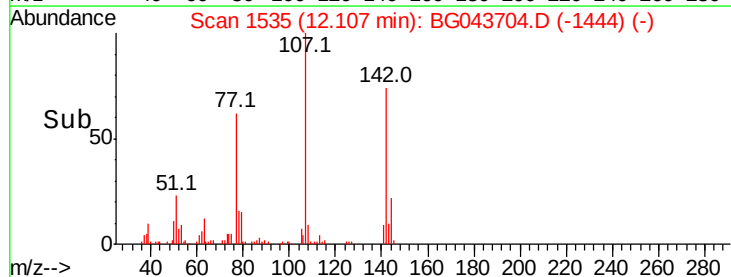
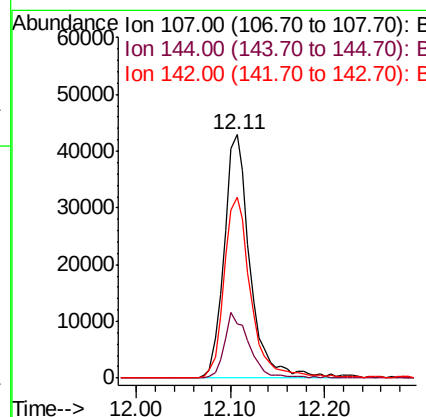
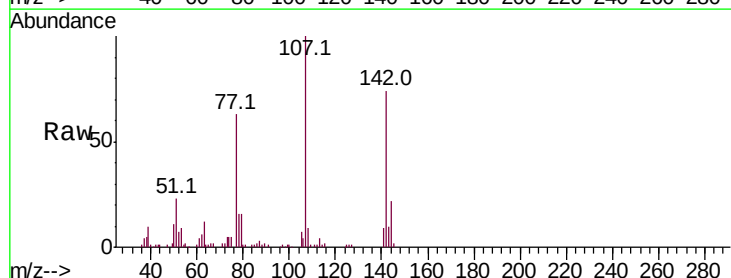
Instrument :
 BNA_G
 ClientSampled :

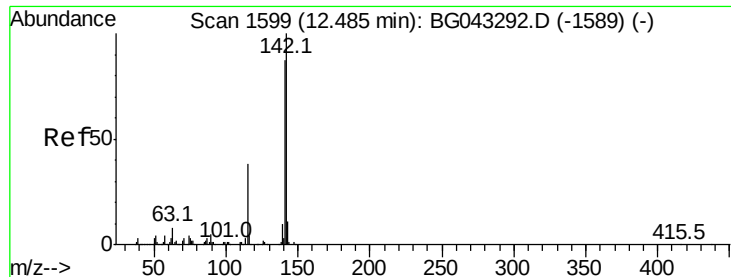
Tot Ion:113 Resp: 11382
 Ion Ratio Lower Upper
 113 100
 55 174.8 154.4 194.4
 56 146.2 112.9 152.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.377 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Tgt Ion:107 Resp: 82600
 Ion Ratio Lower Upper
 107 100
 144 22.5 21.7 32.5
 142 74.5 67.2 100.8

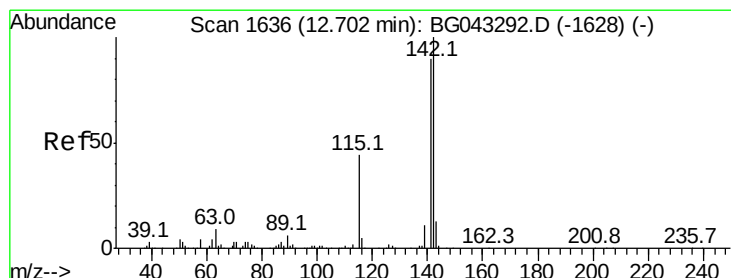
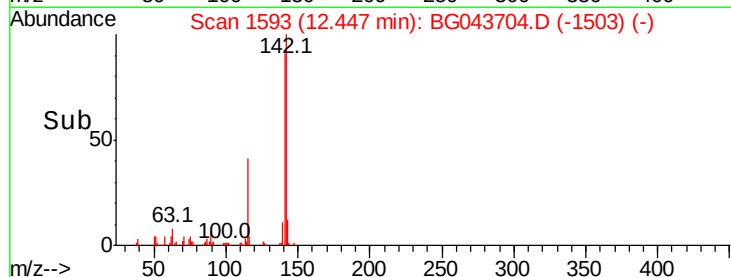
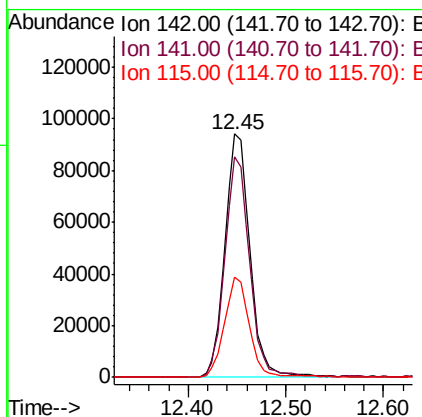
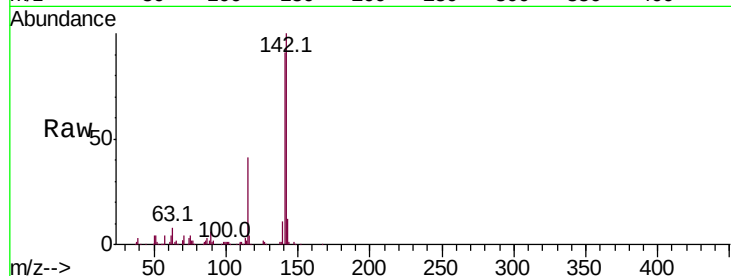




#37
2-Methylnaphthalene
Concen: 40.407 ng
RT: 12.45 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

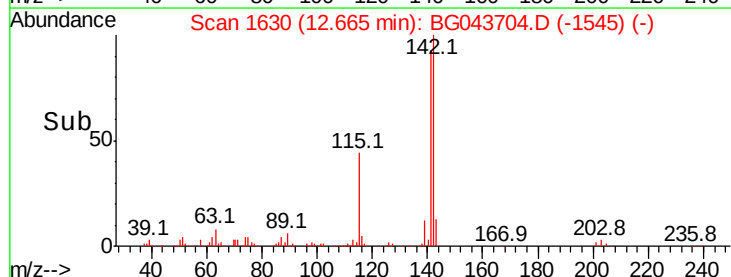
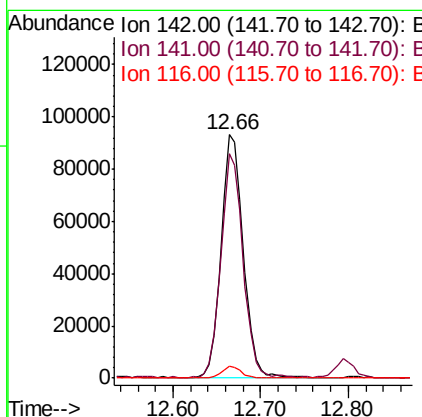
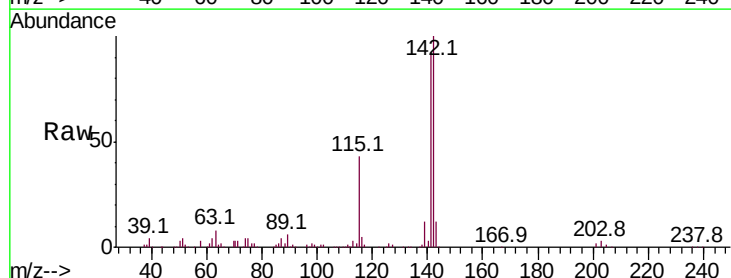
Instrument :
BNA_G
ClientSampleId :

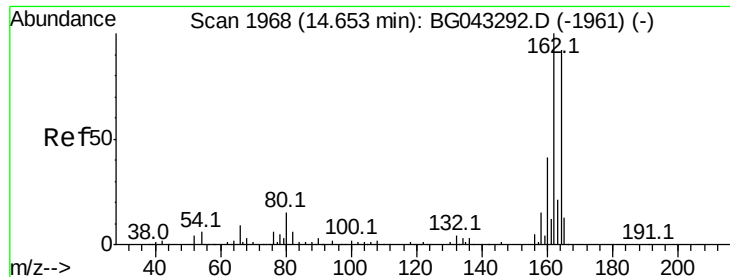
Tot Ion:142 Resp: 167702
Ion Ratio Lower Upper
142 100
141 90.5 71.2 106.8
115 41.1 31.9 47.9



#38
1-Methylnaphthalene
Concen: 41.224 ng
RT: 12.66 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion:142 Resp: 162790
Ion Ratio Lower Upper
142 100
141 92.3 74.5 111.7
116 4.8 3.8 5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampleId :

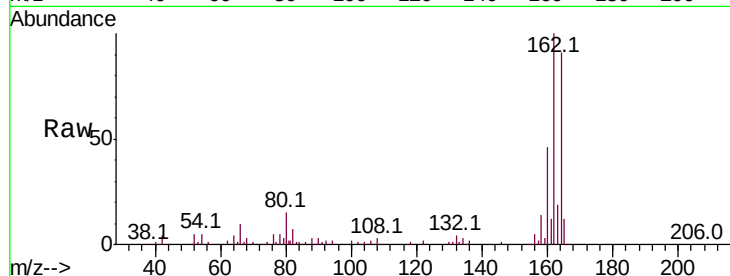
Tot Ion:164 Resp: 80194

Ion Ratio Lower Upper

164 100

162 109.5 79.4 119.2

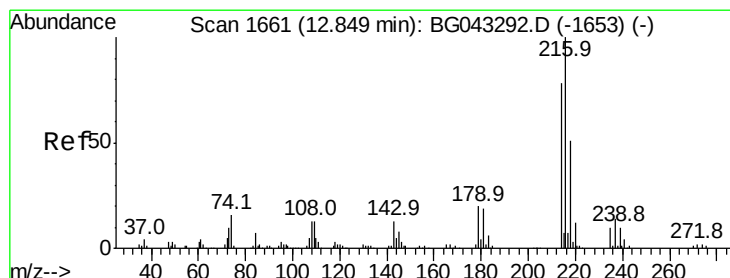
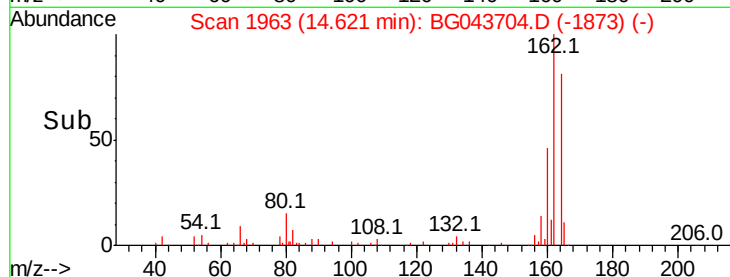
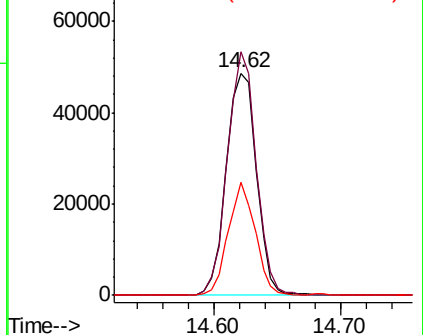
160 50.9 36.3 54.5



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: 36.634 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Tgt Ion:216 Resp: 108725

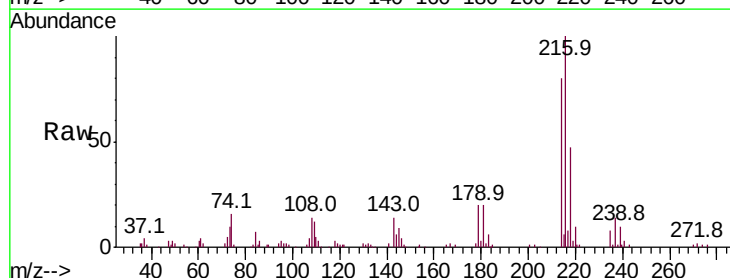
Ion Ratio Lower Upper

216 100

214 77.8 62.8 94.2

179 18.5 16.5 24.7

108 15.8 12.7 19.1

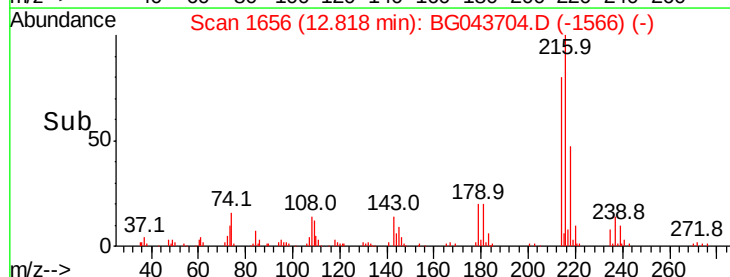
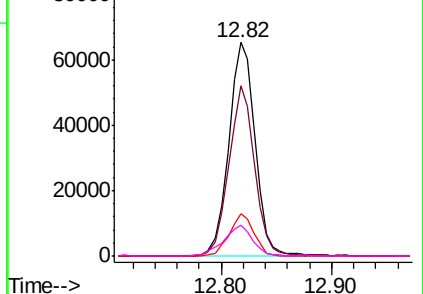


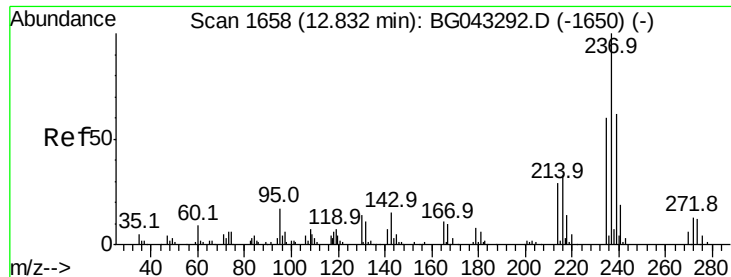
Abundance Ion 216.00 (215.70 to 216.70): E

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

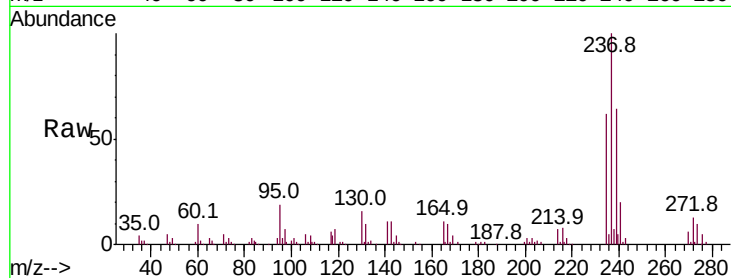




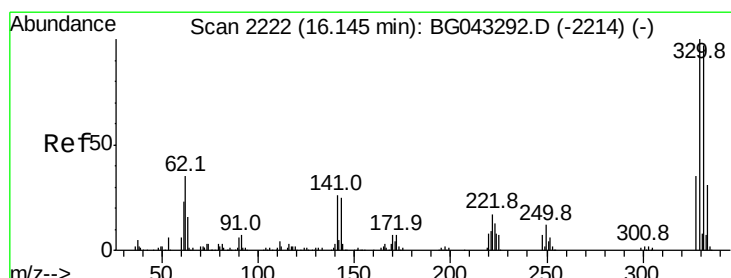
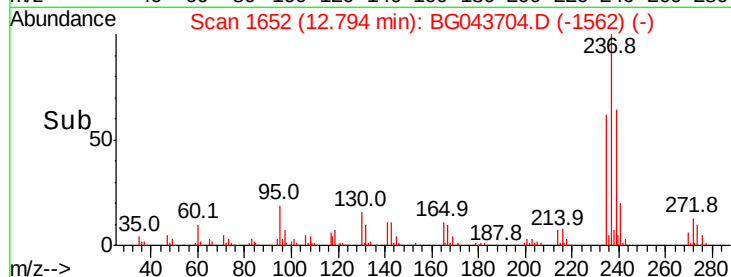
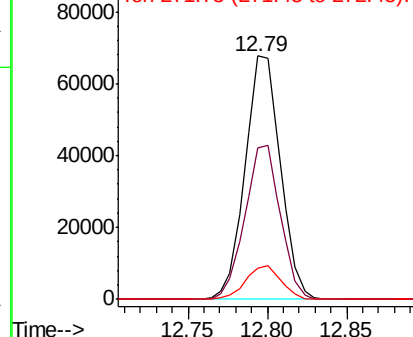
#41
Hexachlorocyclopentadiene
Concen: 67.347 ng
RT: 12.79 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.2	82.2
272	12.8	0.0	32.6

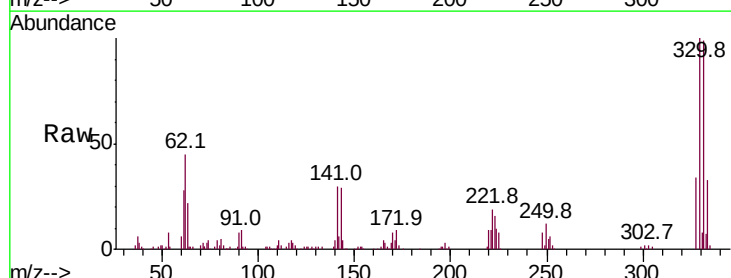


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

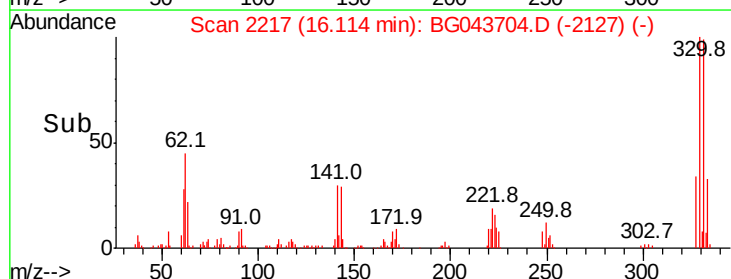
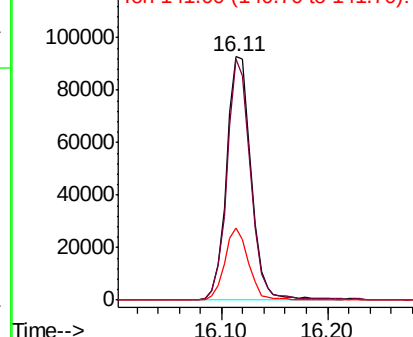


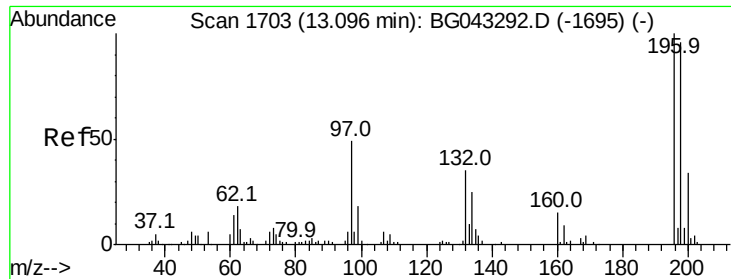
#42
2,4,6-Tribromophenol
Concen: 97.860 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	28.7	23.4	35.2



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

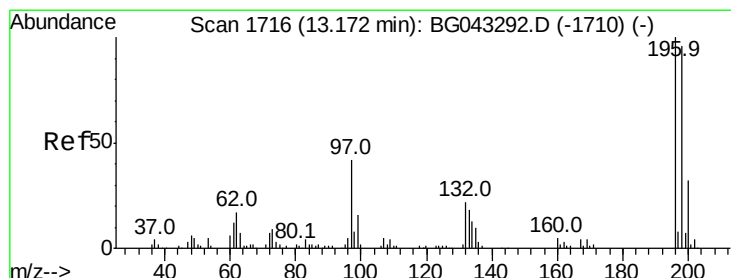
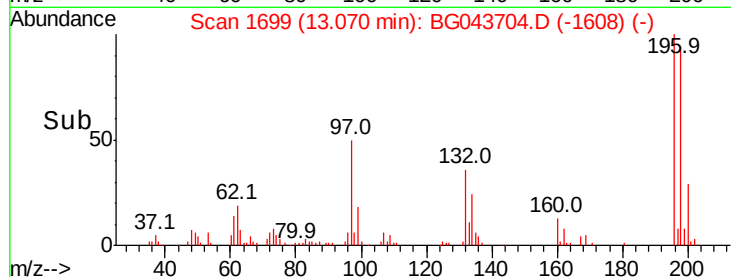
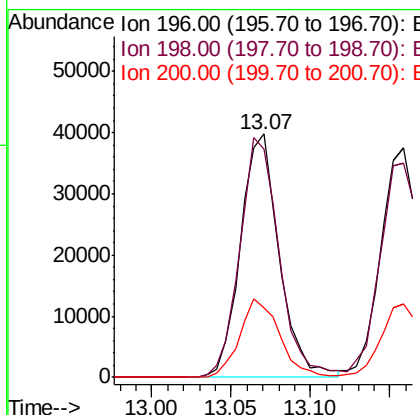
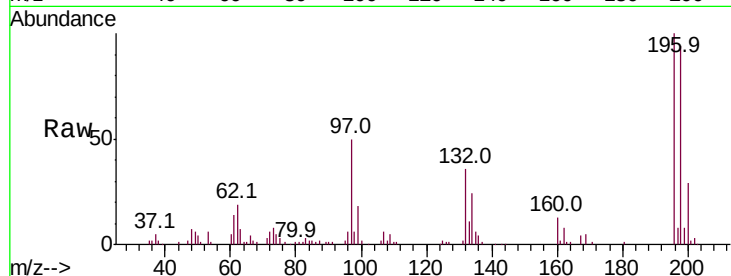




#43
 2,4,6-Trichlorophenol
 Concen: 38.605 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

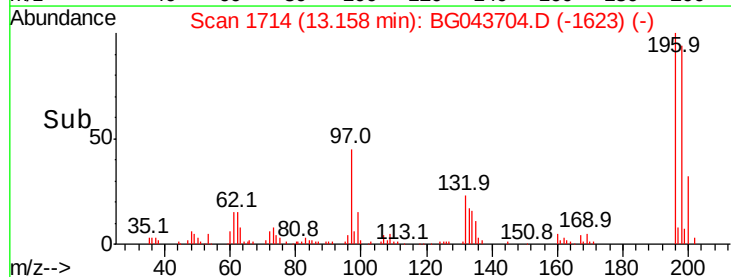
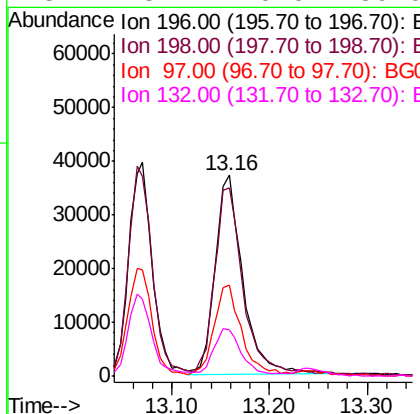
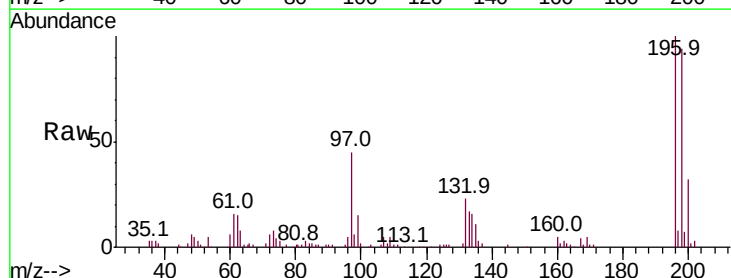
Instrument :
 BNA_G
 ClientSampleId :

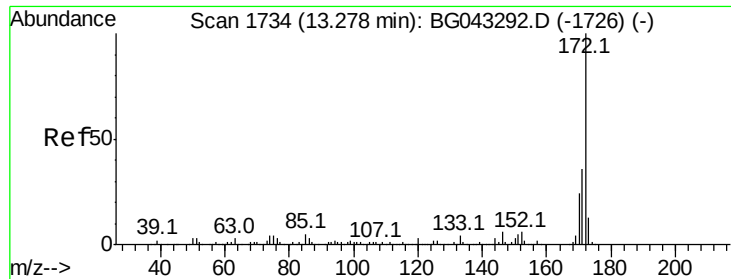
Tot Ion:196 Resp: 67473
 Ion Ratio Lower Upper
 196 100
 198 93.6 81.3 121.9
 200 28.7 28.2 42.2



#44
 2,4,5-Trichlorophenol
 Concen: 41.435 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Tgt Ion:196 Resp: 73216
 Ion Ratio Lower Upper
 196 100
 198 93.6 77.4 116.2
 97 45.2 35.9 53.9
 132 23.1 20.0 30.0

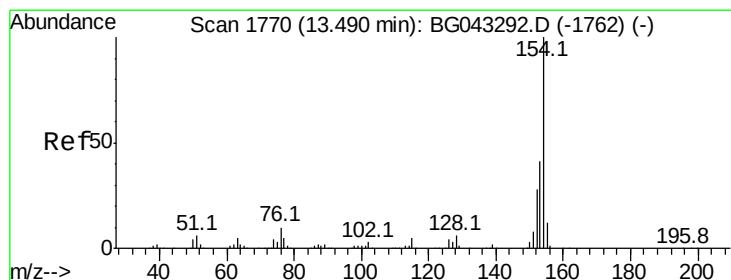
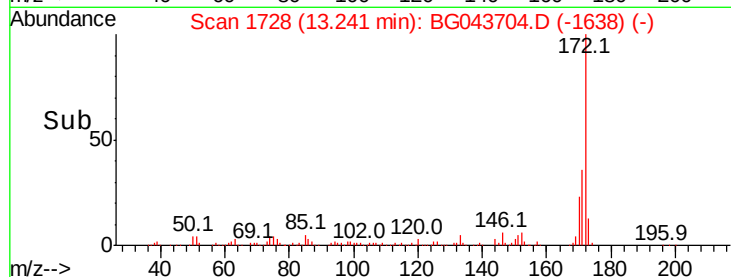
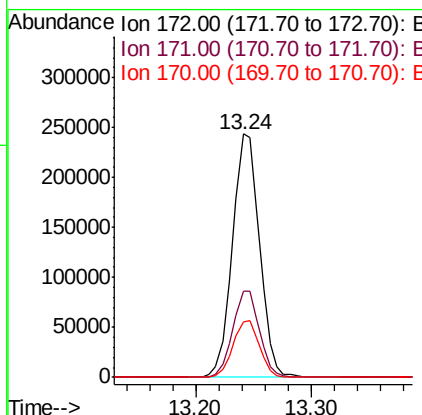
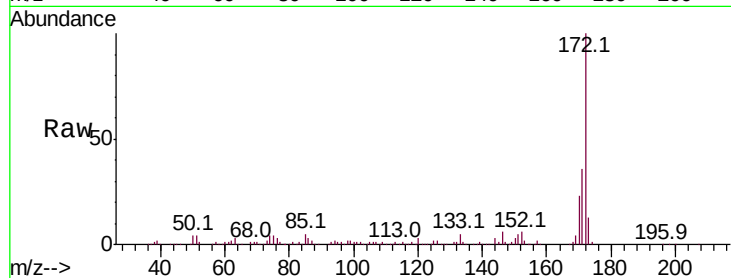




#45
2-Fluorobiphenyl
Concen: 68.045 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

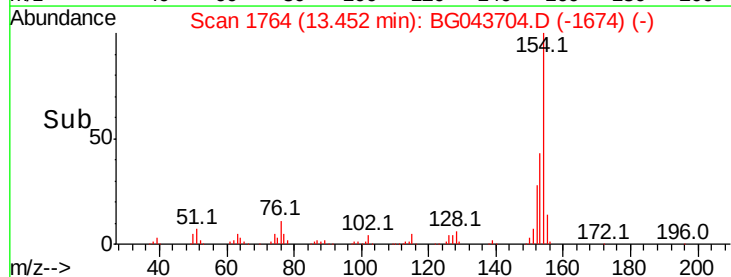
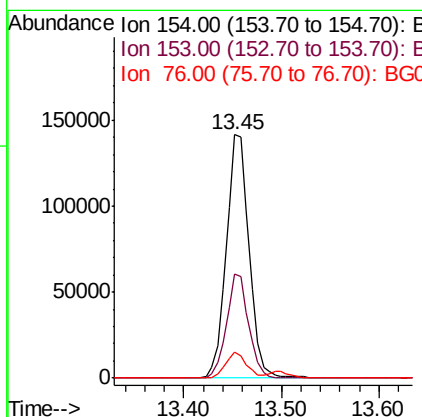
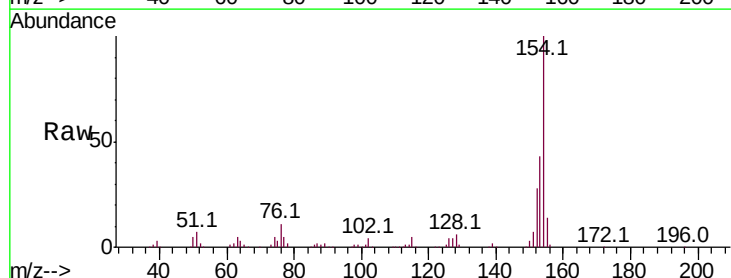
Instrument :
BNA_G
ClientSampleId :

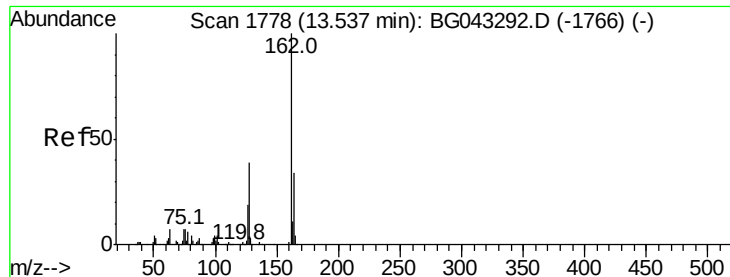
Tot Ion:172 Resp: 394902
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 22.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 37.394 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion:154 Resp: 228132
Ion Ratio Lower Upper
154 100
153 42.8 22.6 62.6
76 10.8 0.0 29.1

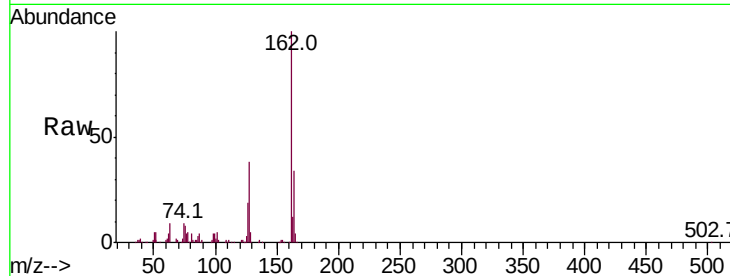




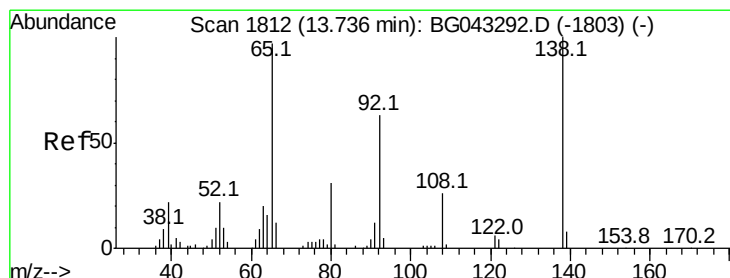
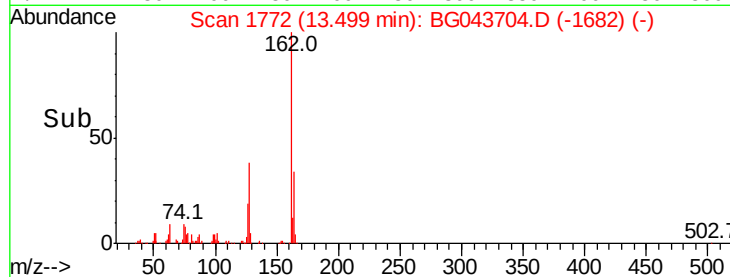
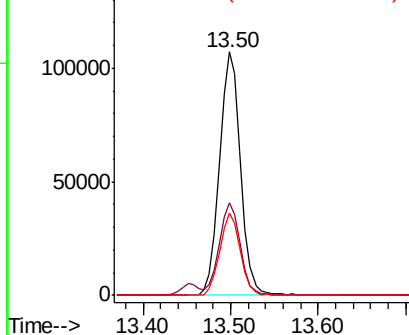
#47
 2-Chloronaphthalene
 Concen: 38.386 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	32.8	49.2
164	33.9	27.8	41.8

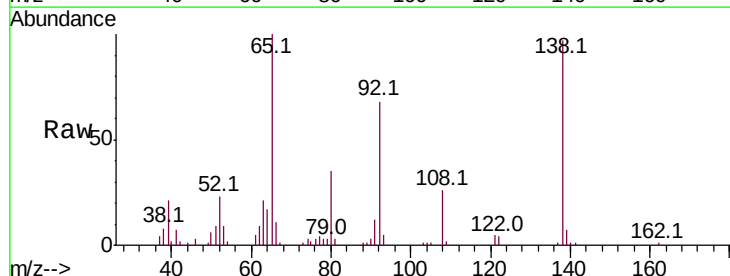


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

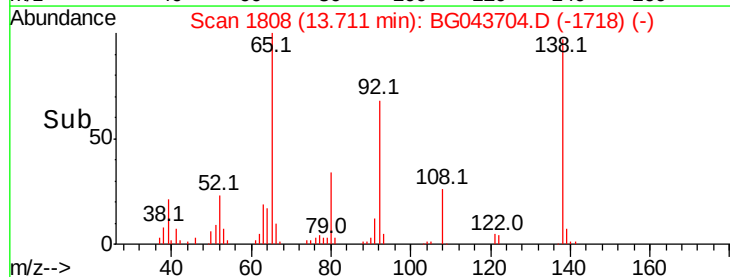
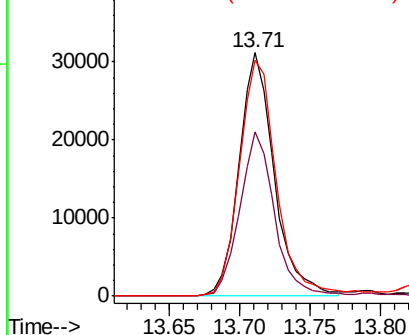


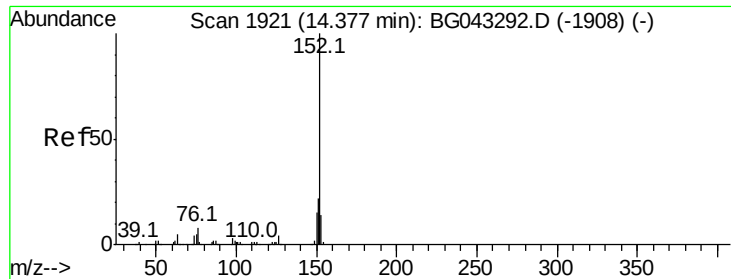
#48
 2-Nitroaniline
 Concen: 39.167 ng
 RT: 13.71 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	54.9	82.3
138	96.8	85.0	127.6



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: 40.975 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampleId :

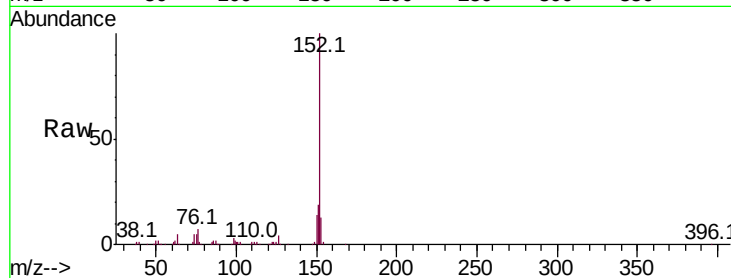
Tot Ion:152 Resp: 296016

Ion Ratio Lower Upper

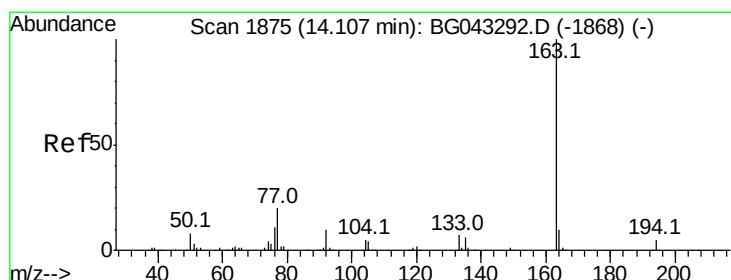
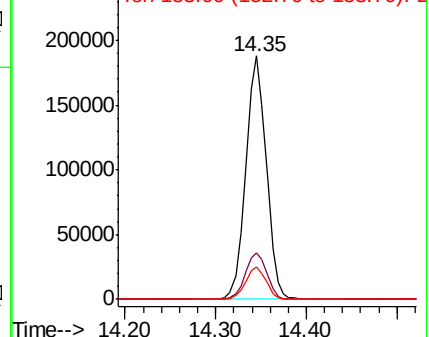
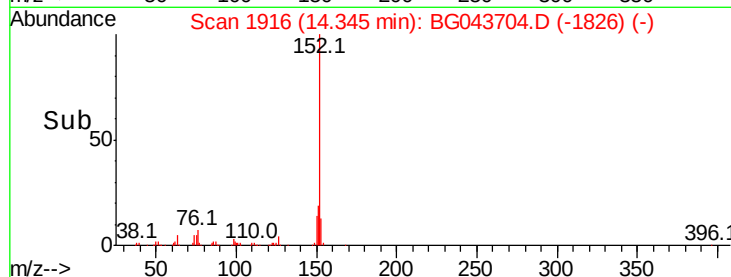
152 100

151 19.2 16.1 24.1

153 13.1 11.0 16.4



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: 48.554 ng

RT: 14.08 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

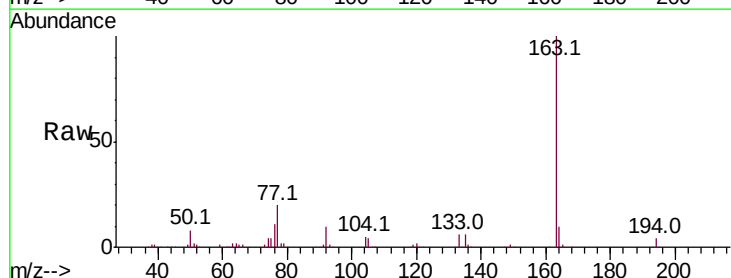
Tgt Ion:163 Resp: 301598

Ion Ratio Lower Upper

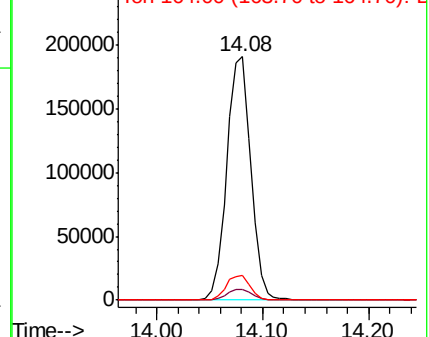
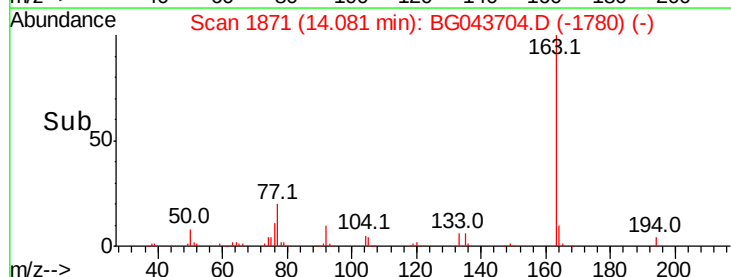
163 100

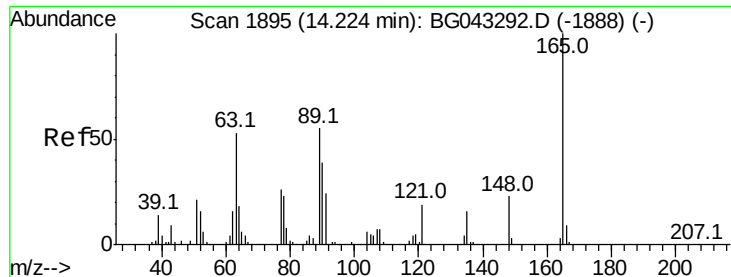
194 4.4 3.8 5.8

164 10.2 8.5 12.7



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: 39.821 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampleId :

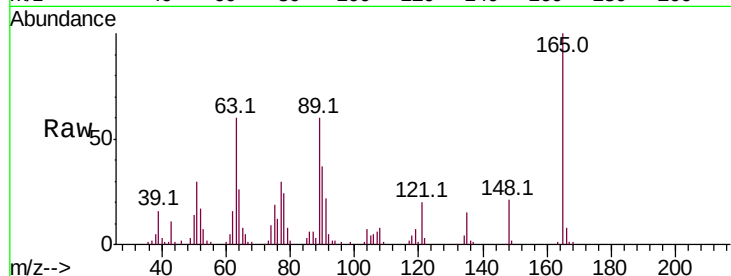
Tot Ion:165 Resp: 53736

Ion Ratio Lower Upper

165 100

63 60.1 45.0 67.6

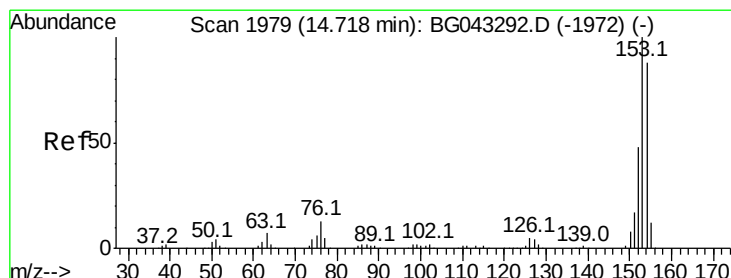
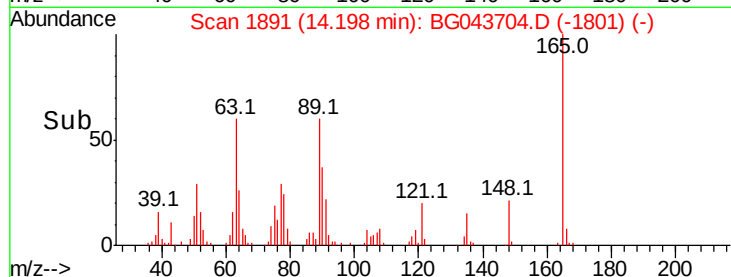
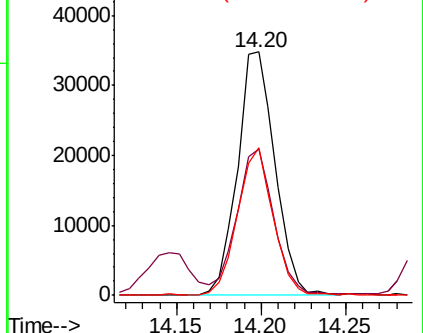
89 60.4 39.8 59.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.183 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

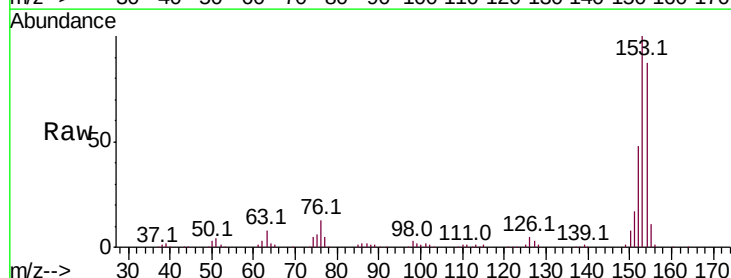
Tgt Ion:154 Resp: 172629

Ion Ratio Lower Upper

154 100

153 114.7 89.2 133.8

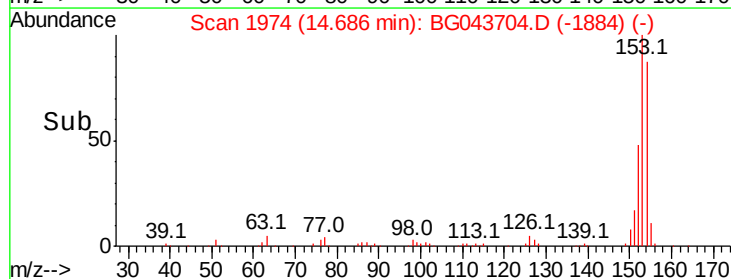
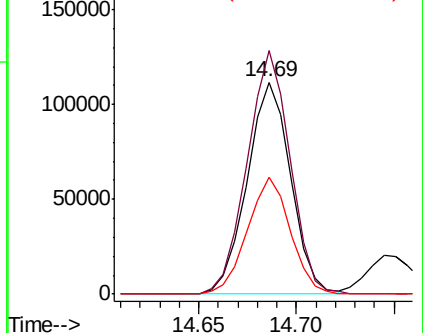
152 55.3 41.4 62.0

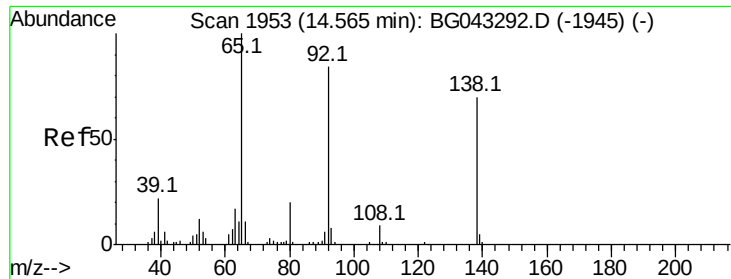


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 15.071 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampled :

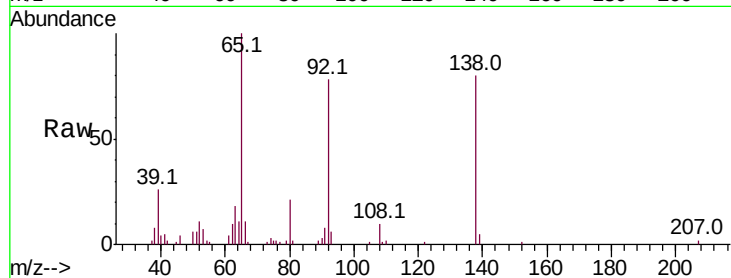
Tot Ion:138 Resp: 19635

Ion Ratio Lower Upper

138 100

108 12.8 9.8 14.8

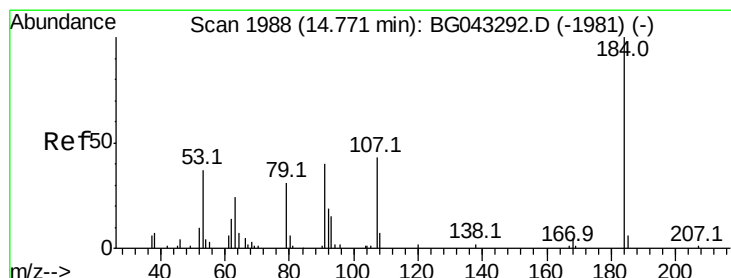
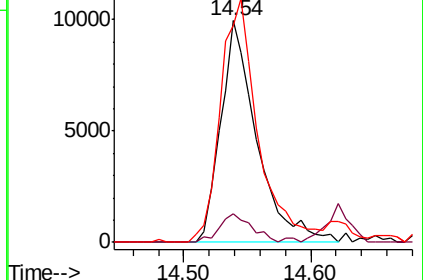
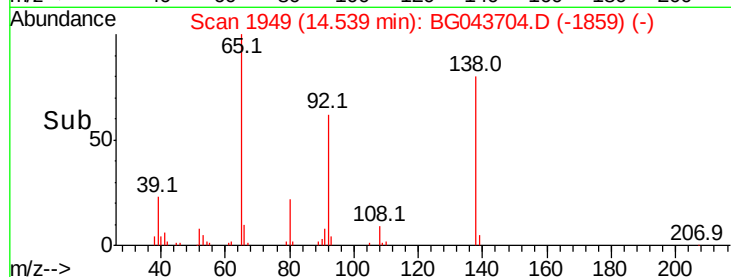
92 97.9 88.1 132.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 70.365 ng

RT: 14.75 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

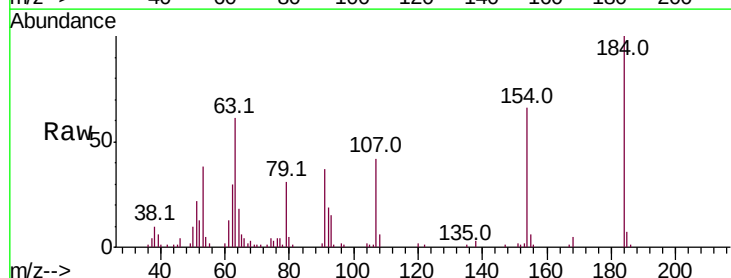
Tgt Ion:184 Resp: 58481

Ion Ratio Lower Upper

184 100

63 61.5 59.0 88.4

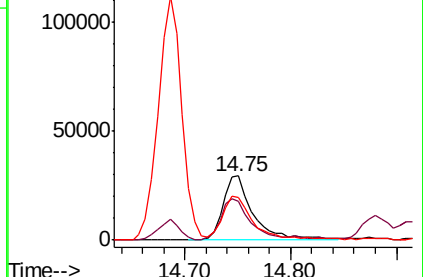
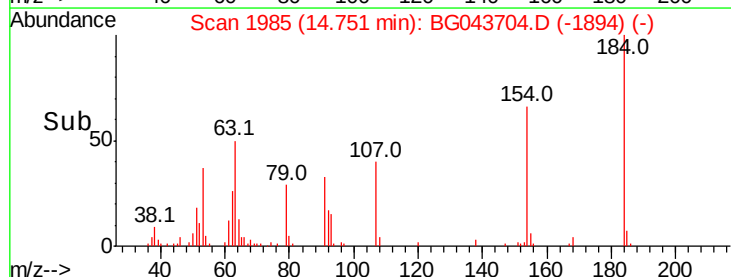
154 66.5 57.4 86.2

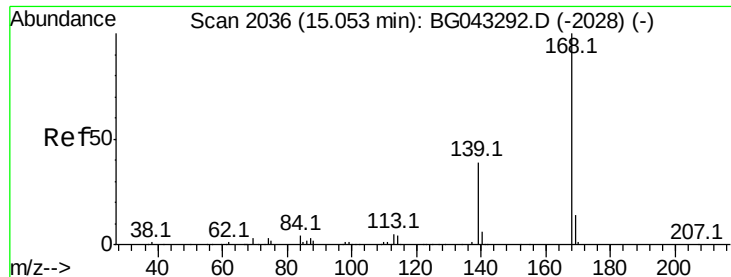


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

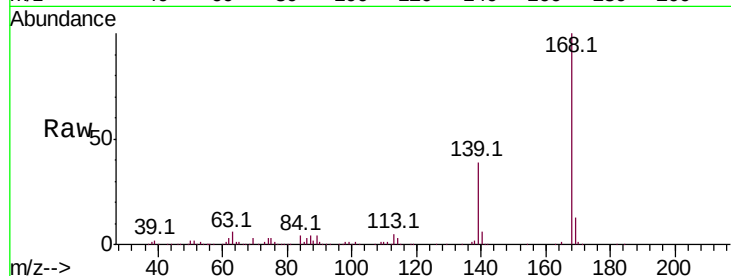




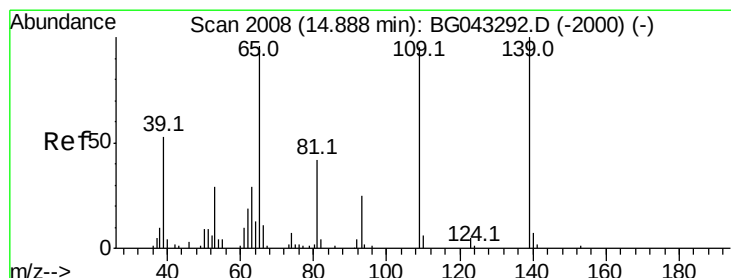
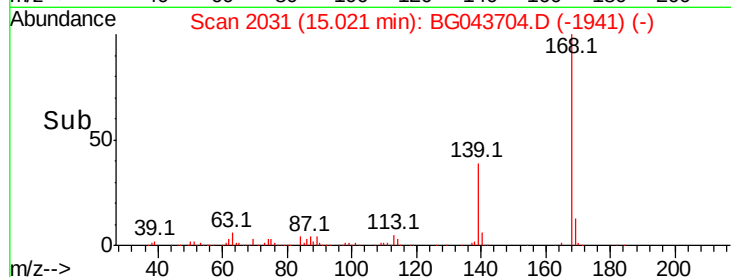
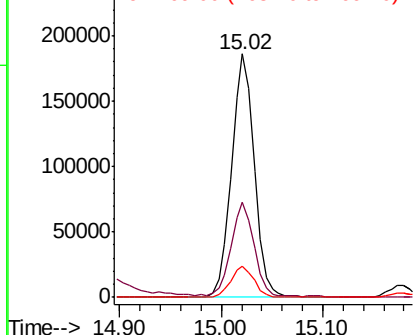
#55
Dibenzofuran
Concen: 40.462 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 289079
Ion Ratio Lower Upper
168 100
139 38.9 32.7 49.1
169 12.8 10.6 15.8

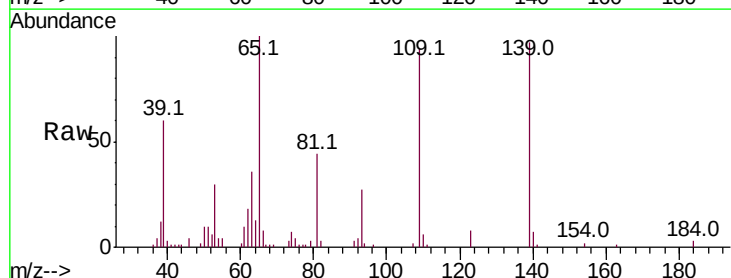


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

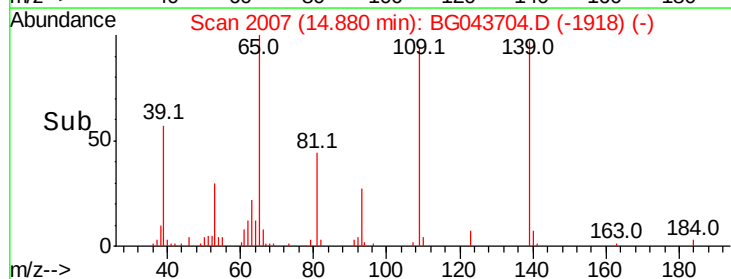
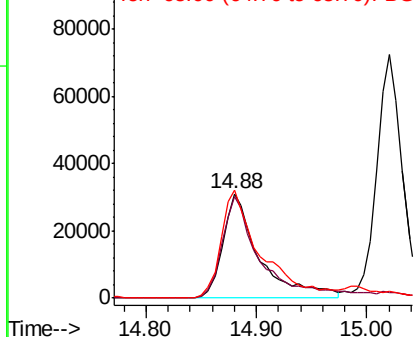


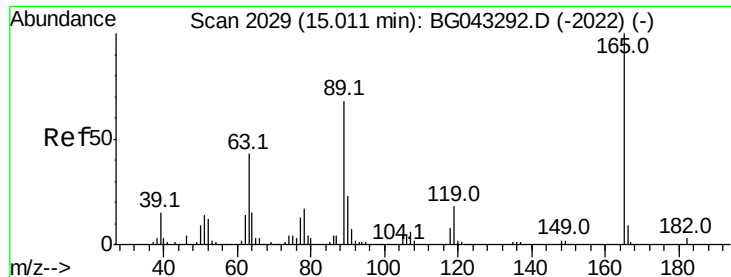
#56
4-Nitrophenol
Concen: 81.467 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion:139 Resp: 71128
Ion Ratio Lower Upper
139 100
109 97.6 64.0 104.0
65 103.4 75.6 115.6



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

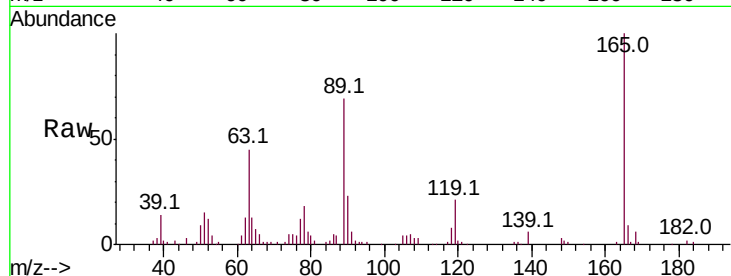




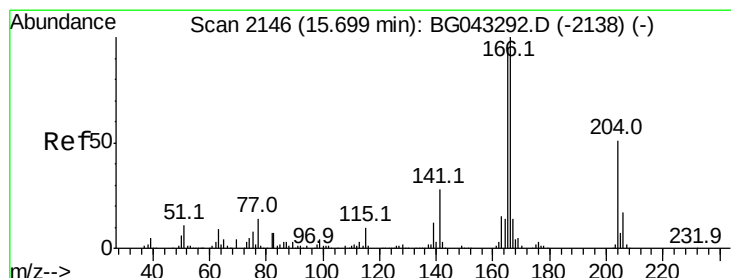
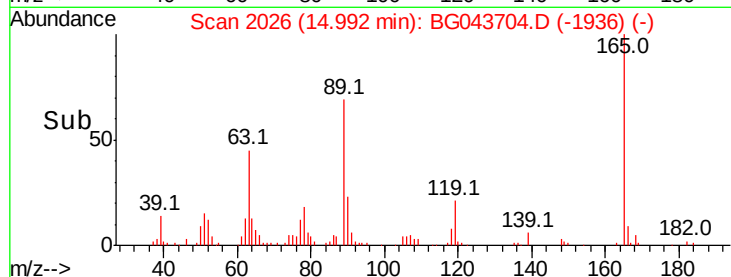
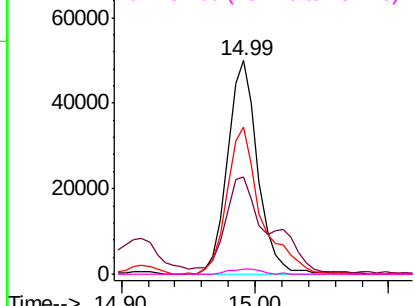
#57
 2,4-Dinitrotoluene
 Concen: 40.952 ng
 RT: 14.99 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 78977
 Ion Ratio Lower Upper
 165 100
 63 45.5 37.4 56.0
 89 68.8 50.9 76.3
 182 2.3 2.3 3.5#

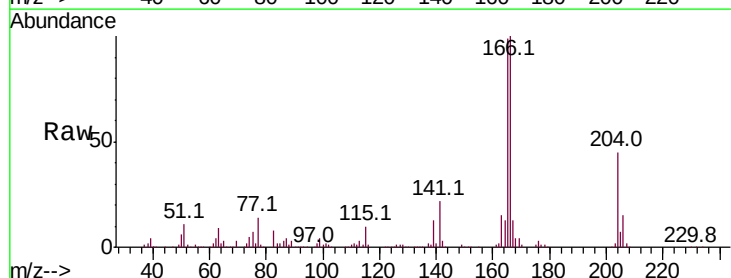


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

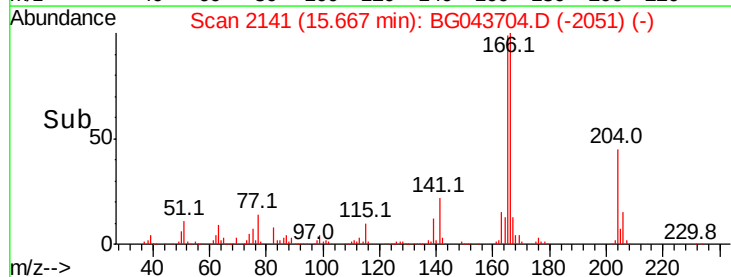
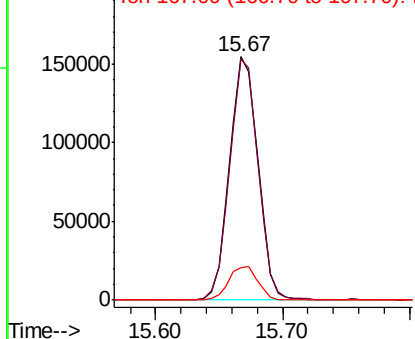


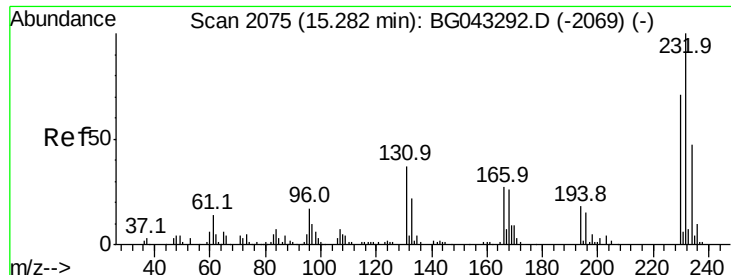
#58
 Fluorene
 Concen: 39.906 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Tgt Ion:166 Resp: 239128
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.4 117.6
 167 13.2 11.2 16.8



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

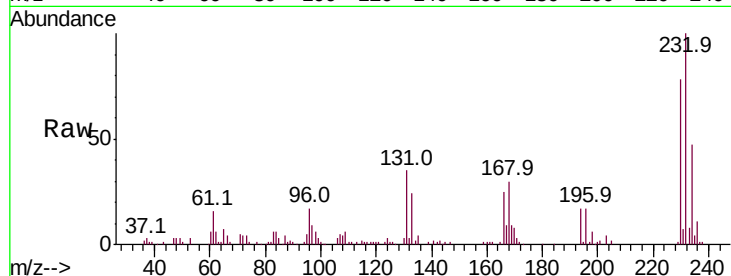




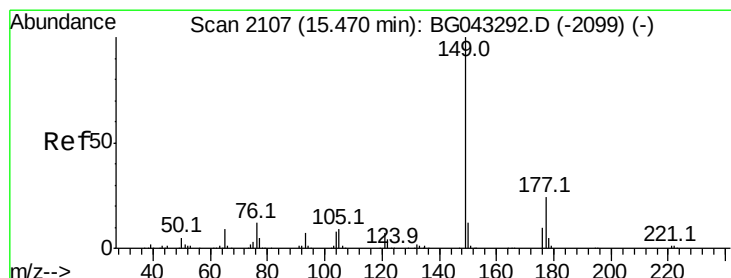
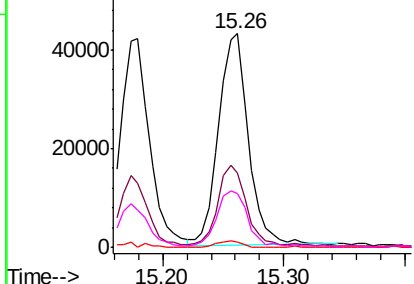
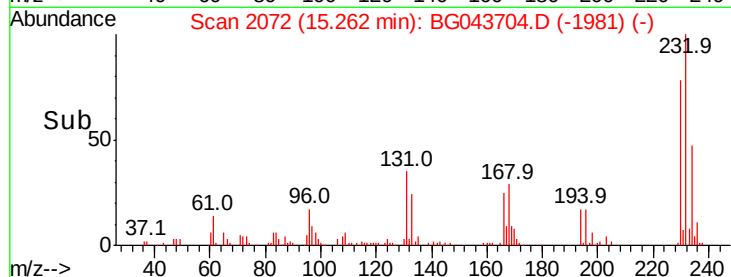
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.186 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	73565
Ion	Ratio	Lower	Upper
232	100		
131	35.6	29.6	44.4
130	2.3	1.4	2.0
166	26.5	21.2	31.8

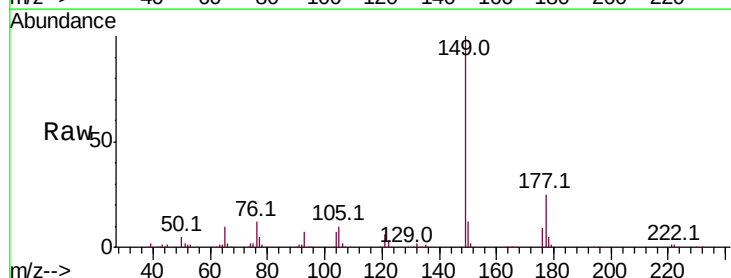


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

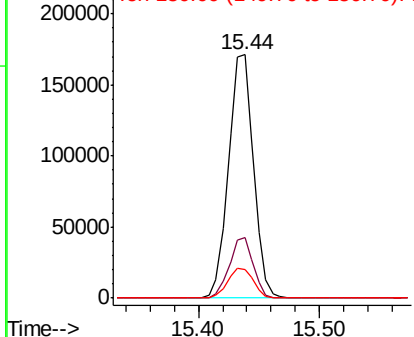
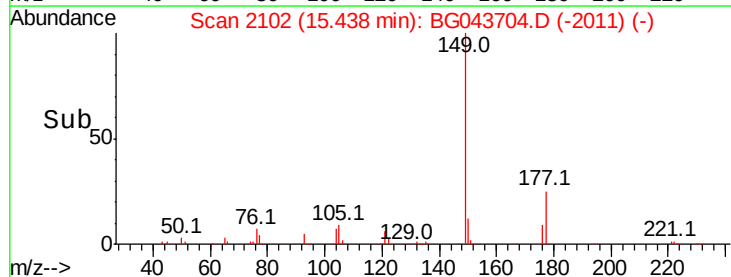


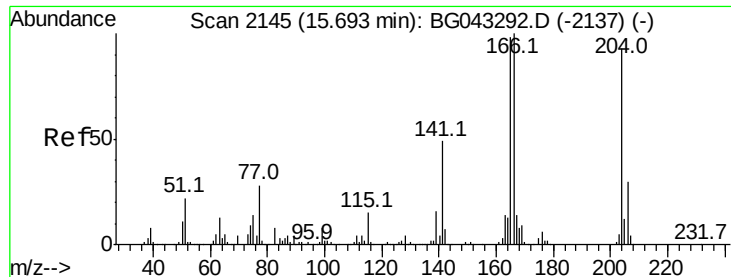
#60
 Diethylphthalate
 Concen: 39.504 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. 0.00 min
 Lab File: BG043704.D
 Acq: 19 Nov 2019 18:55

Tgt Ion:	149	Resp:	246559
Ion	Ratio	Lower	Upper
149	100		
177	24.7	19.3	28.9
150	11.9	10.5	15.7



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

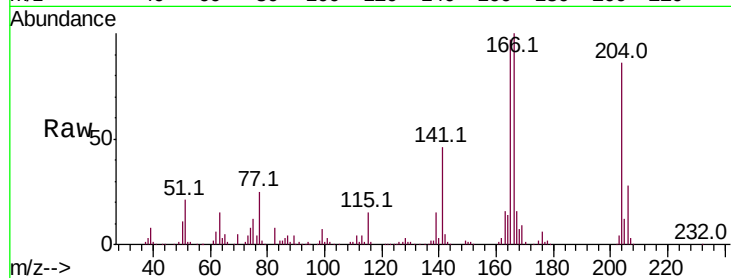




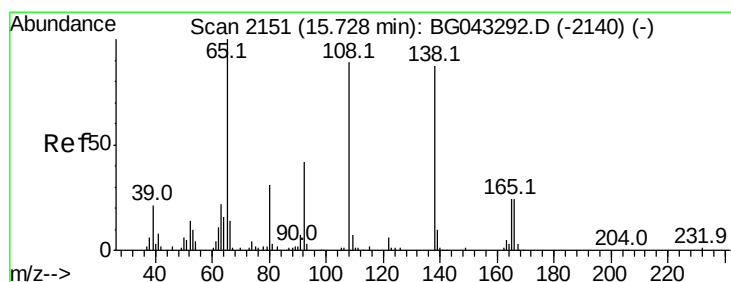
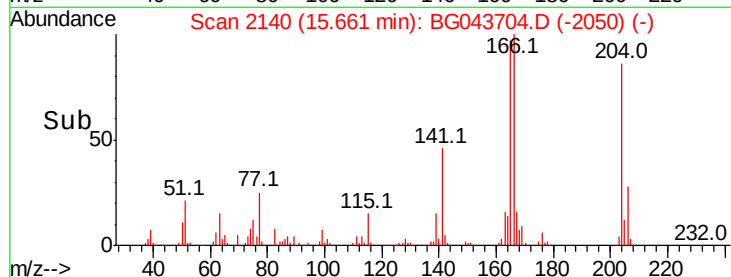
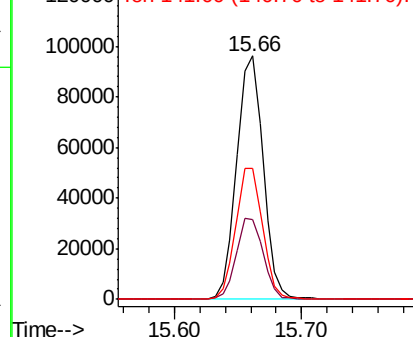
#61
4-Chlorophenyl-phenylether
Concen: 39.839 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 139266
Ion Ratio Lower Upper
204 100
206 32.7 28.2 42.4
141 54.0 44.5 66.7

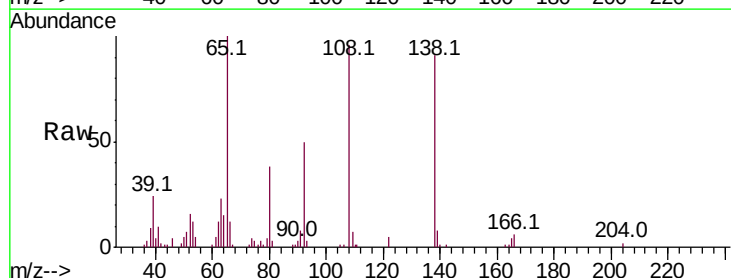


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

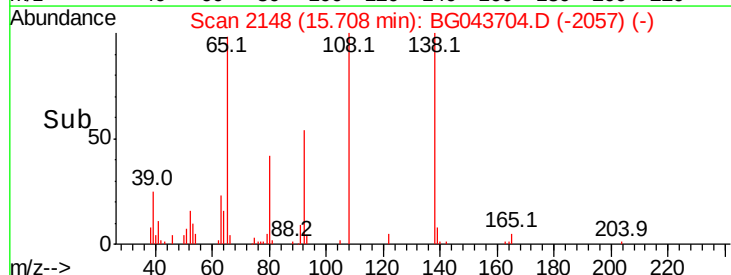
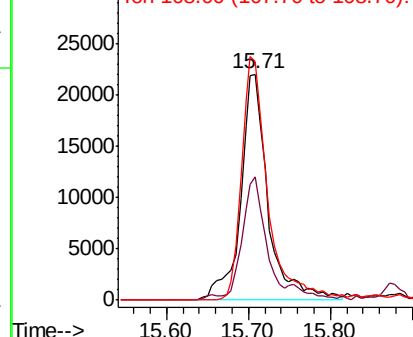


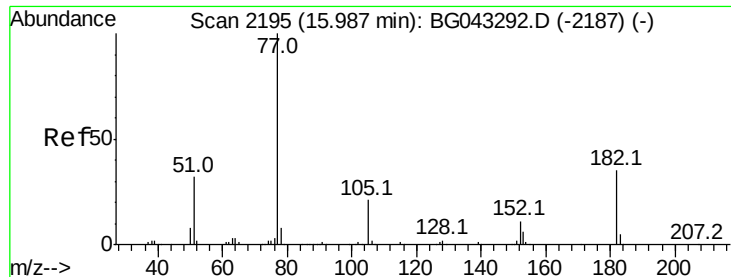
#62
4-Nitroaniline
Concen: 38.225 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion:138 Resp: 51433
Ion Ratio Lower Upper
138 100
92 54.5 31.0 71.0
108 105.4 85.0 125.0



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





#63

Azobenzene

Concen: 41.080 ng

RT: 15.96 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 207505

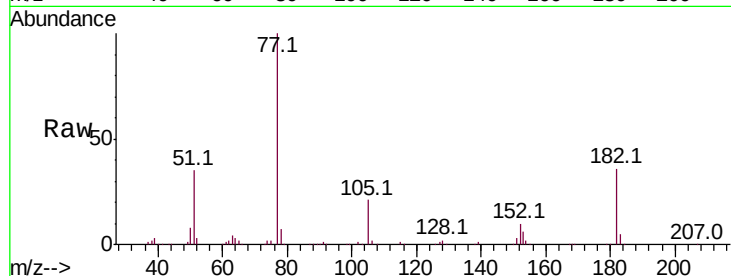
Ion Ratio Lower Upper

77 100

182 36.1 11.2 51.2

105 21.3 1.5 41.5

51 35.4 14.7 54.7

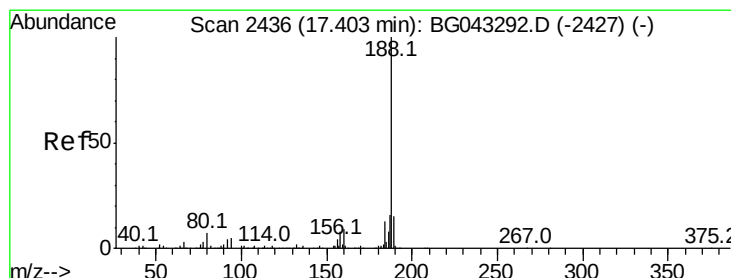
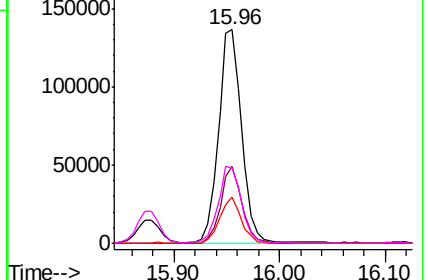
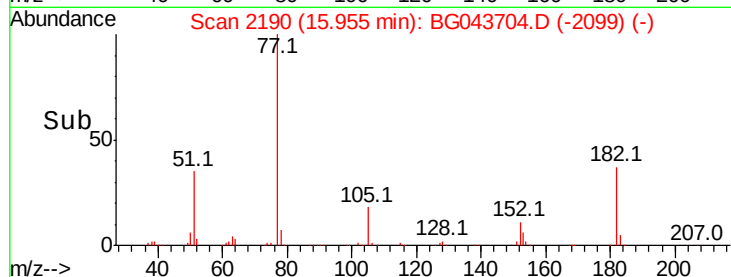


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

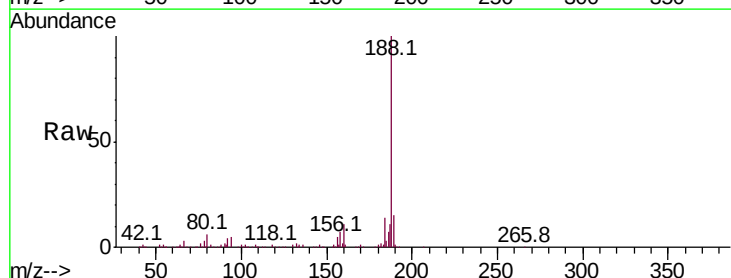
Tgt Ion: 188 Resp: 199608

Ion Ratio Lower Upper

188 100

94 5.3 4.6 7.0

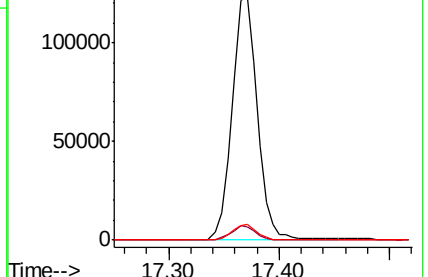
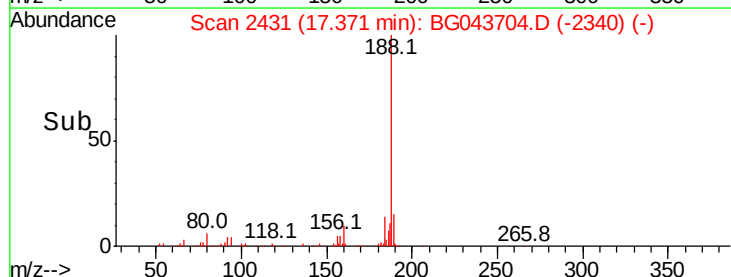
80 6.4 5.2 7.8

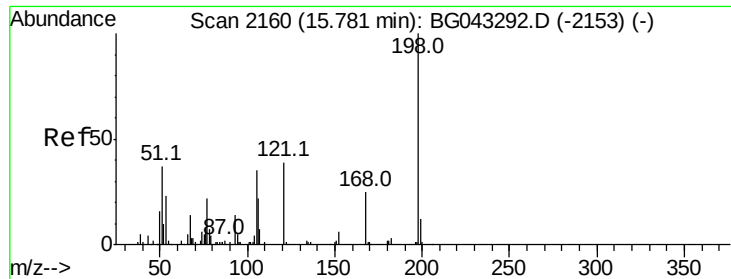


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

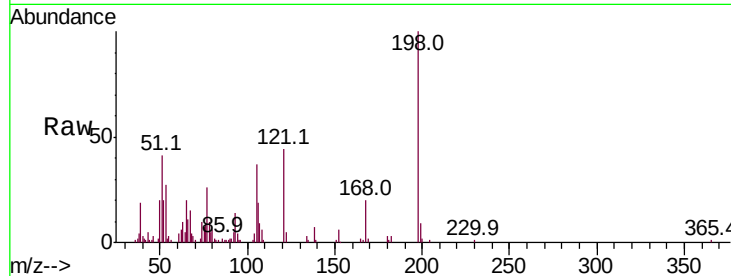




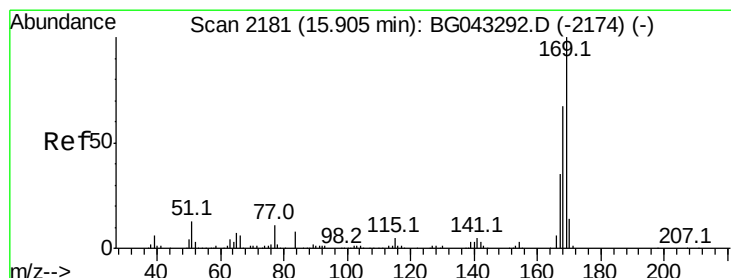
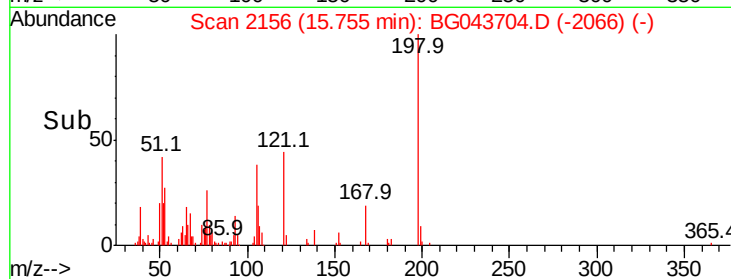
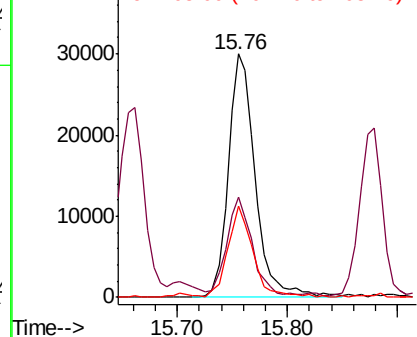
#65
4,6-Dinitro-2-methylphenol
Concen: 43.467 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.3	17.3	57.3
105	37.4	13.9	53.9

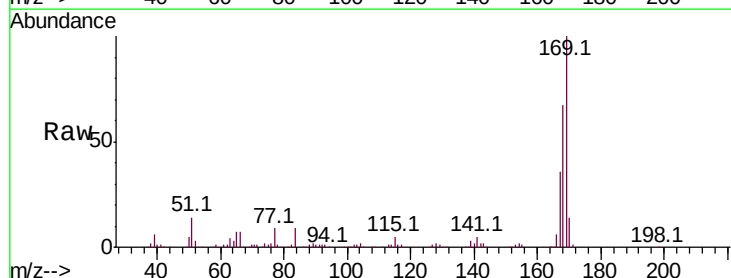


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

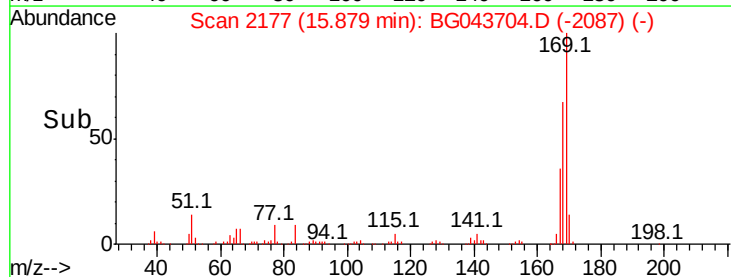
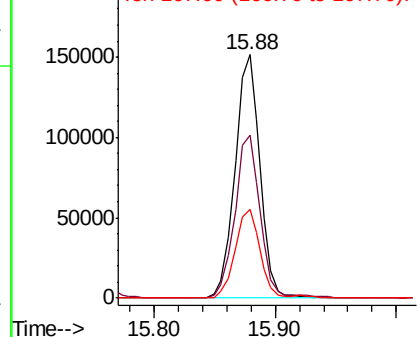


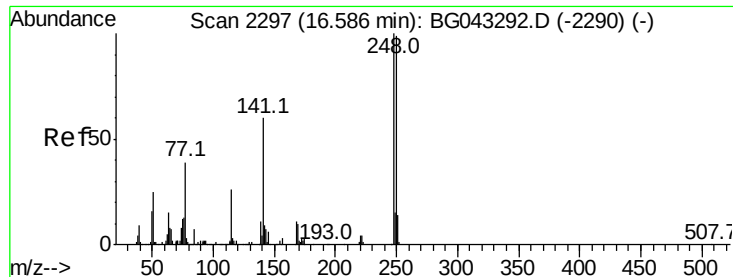
#66
n-Nitrosodiphenylamine
Concen: 38.598 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	56.2	84.4
167	36.5	29.8	44.8



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

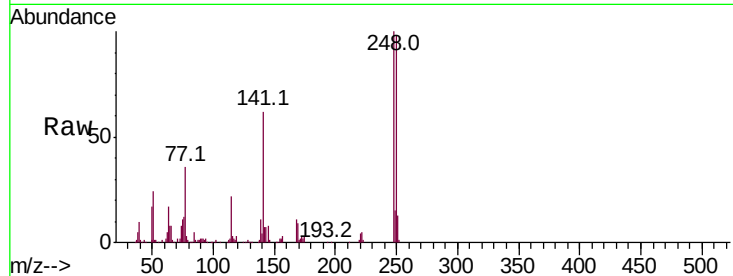




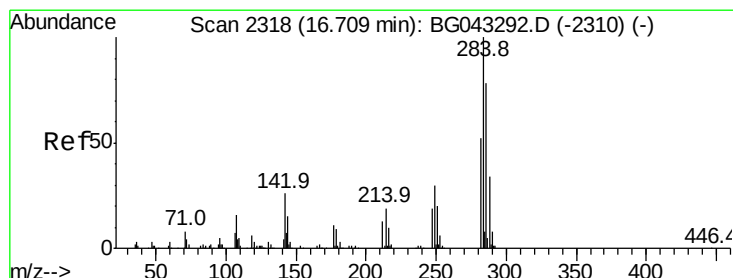
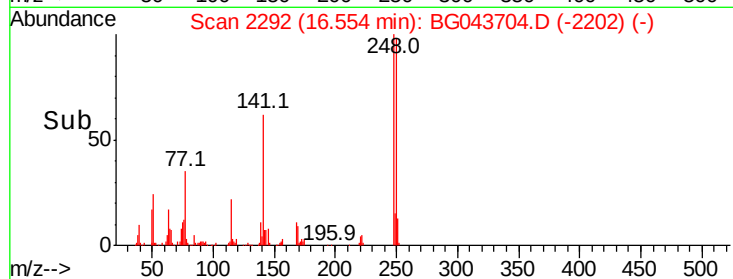
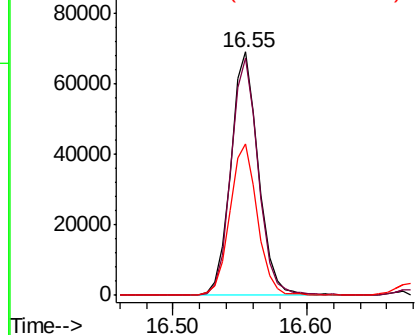
#67
4-Bromophenyl-phenylether
Concen: 37.167 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 99842
Ion Ratio Lower Upper
248 100
250 97.7 76.3 114.5
141 62.4 49.5 74.3

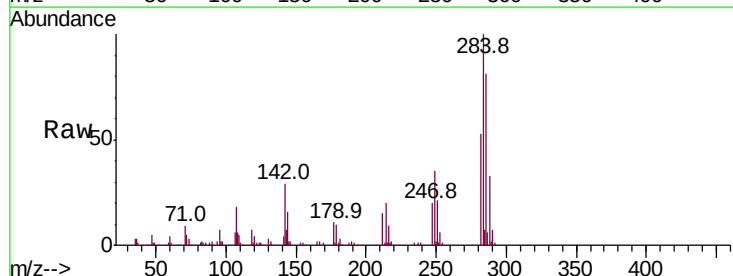


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

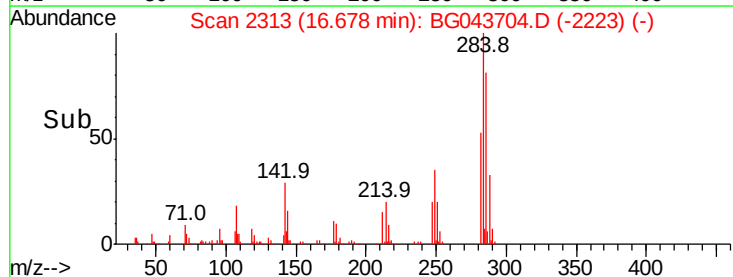
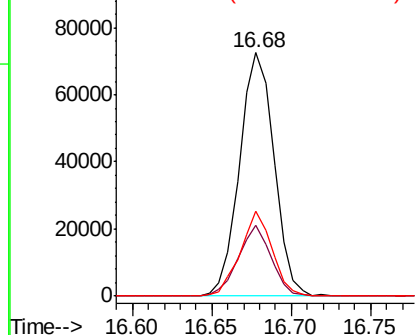


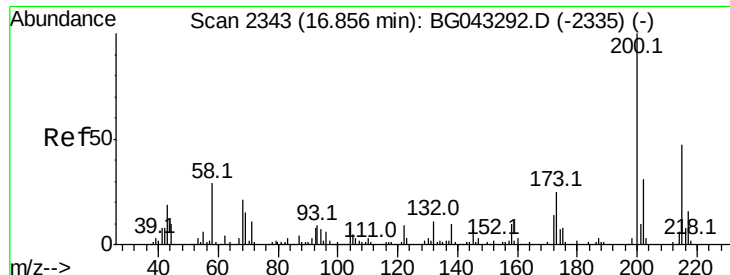
#68
Hexachlorobenzene
Concen: 35.543 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion:284 Resp: 109597
Ion Ratio Lower Upper
284 100
142 28.9 23.2 34.8
249 34.9 27.0 40.4



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: 47.890 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampleId :

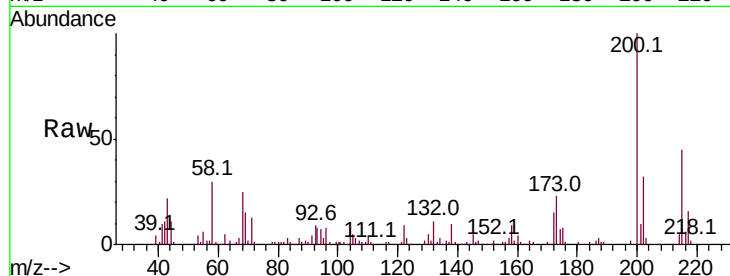
Tot Ion:200 Resp: 93778

Ion Ratio Lower Upper

200 100

173 22.9 5.1 45.1

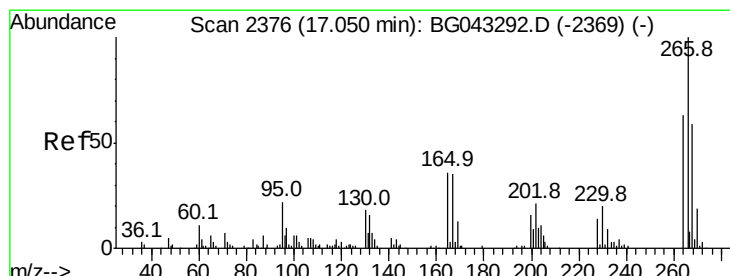
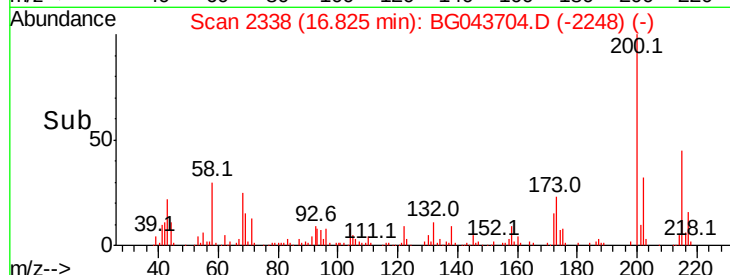
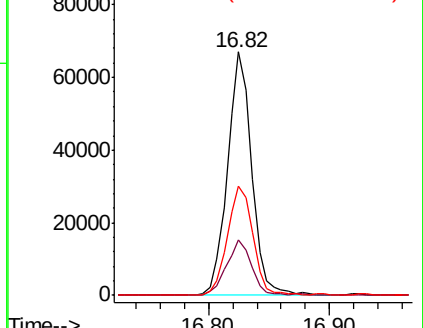
215 44.7 29.8 69.8



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: 71.638 ng

RT: 17.03 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

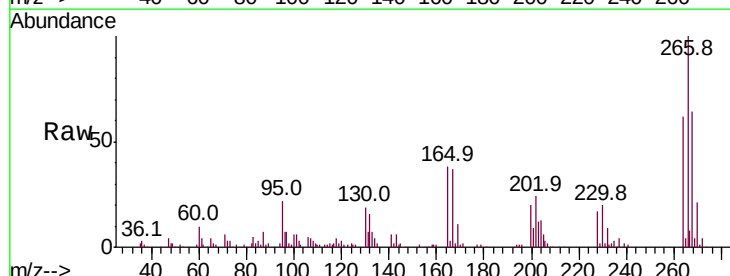
Tgt Ion:266 Resp: 100654

Ion Ratio Lower Upper

266 100

268 64.5 53.2 79.8

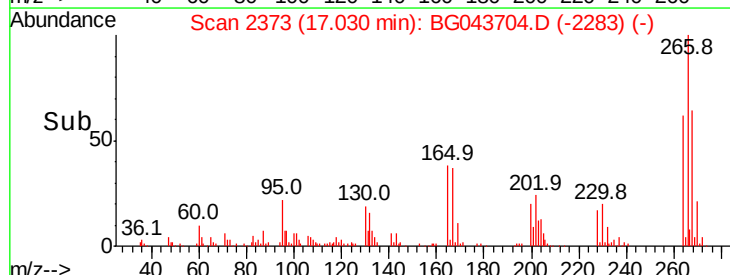
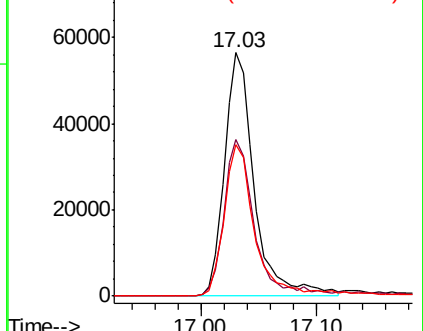
264 62.3 48.9 73.3

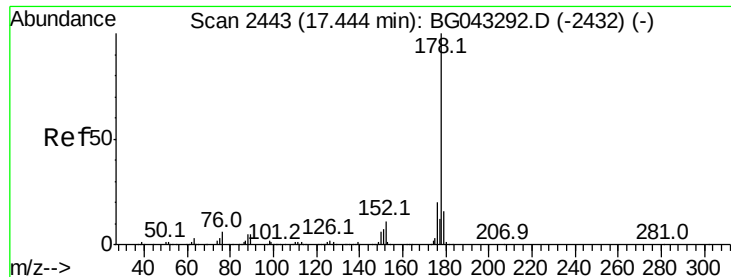


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.640 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampleId :

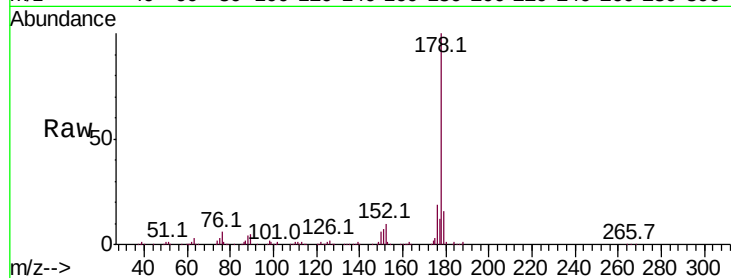
Tot Ion:178 Resp: 394956

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

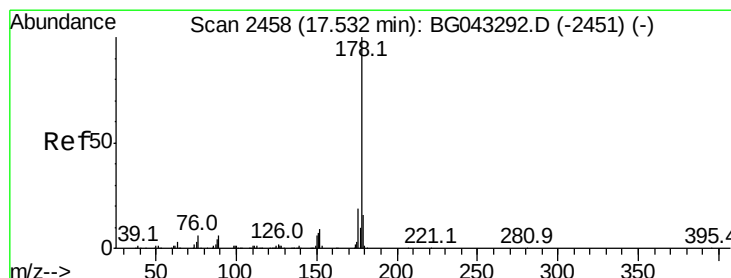
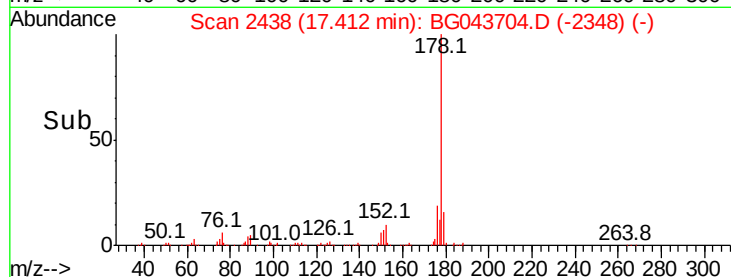
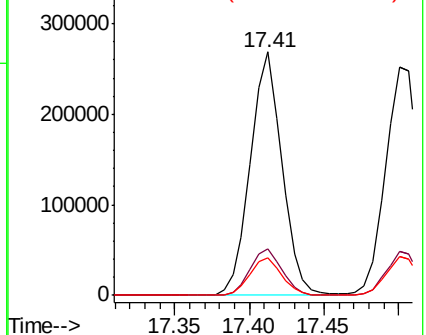
179 15.6 13.0 19.4



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: 40.082 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

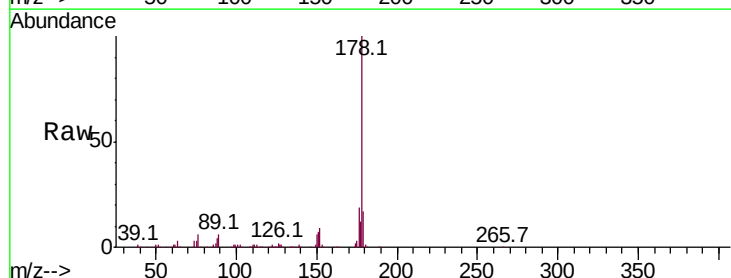
Tgt Ion:178 Resp: 409910

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

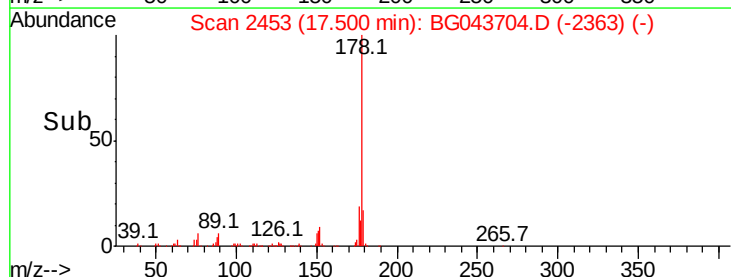
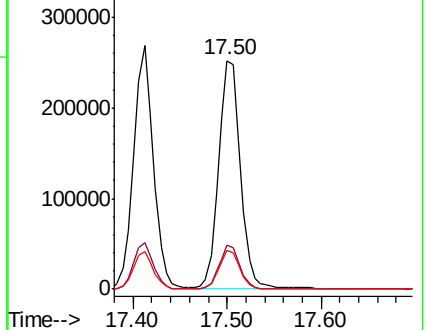
179 16.7 13.3 19.9

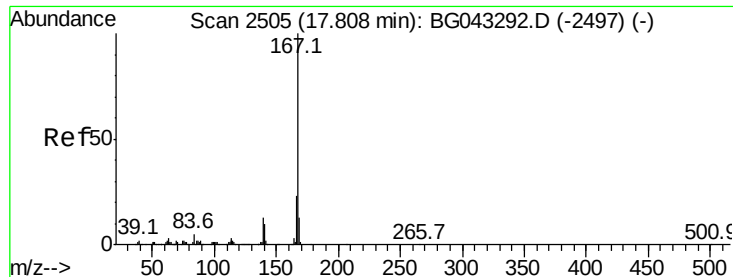


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.908 ng

RT: 17.78 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampled :

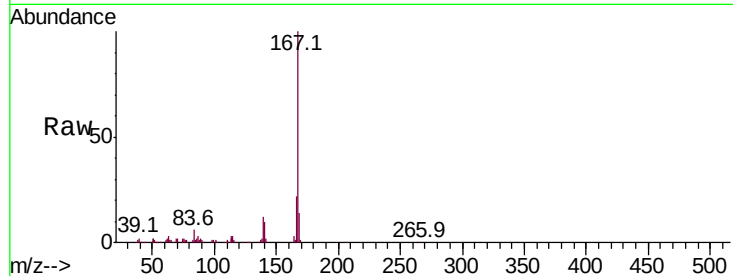
Tot Ion:167 Resp: 360330

Ion Ratio Lower Upper

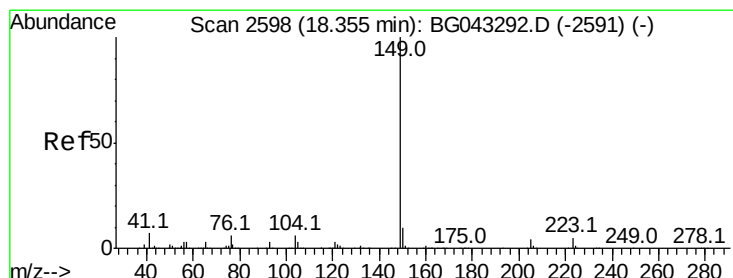
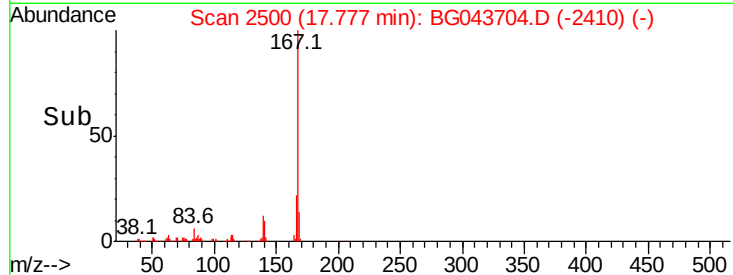
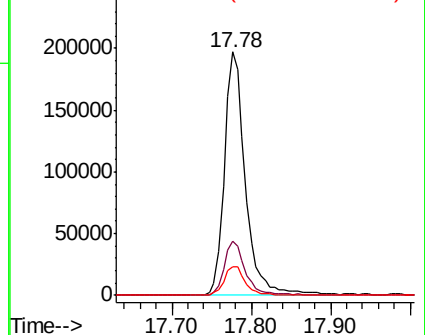
167 100

166 22.2 17.6 26.4

139 11.7 10.3 15.5



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.369 ng

RT: 18.32 min Scan# 2593

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

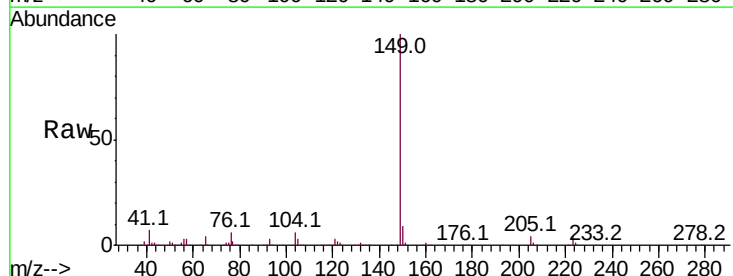
Tgt Ion:149 Resp: 442390

Ion Ratio Lower Upper

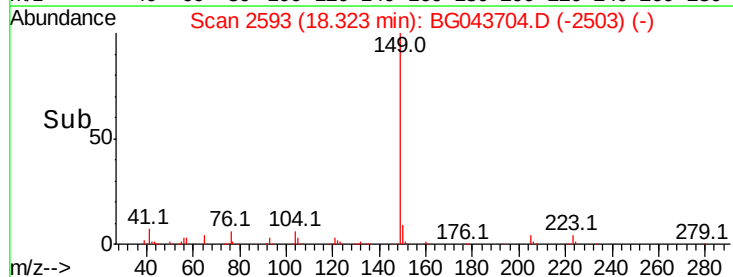
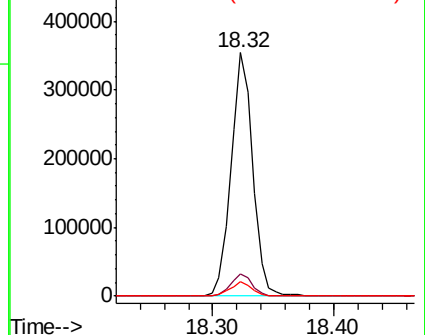
149 100

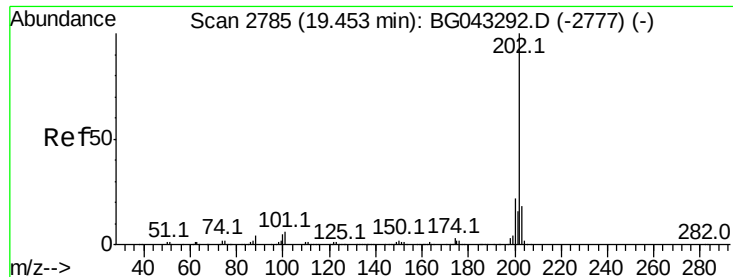
150 9.1 7.6 11.4

104 6.0 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.971 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampleId :

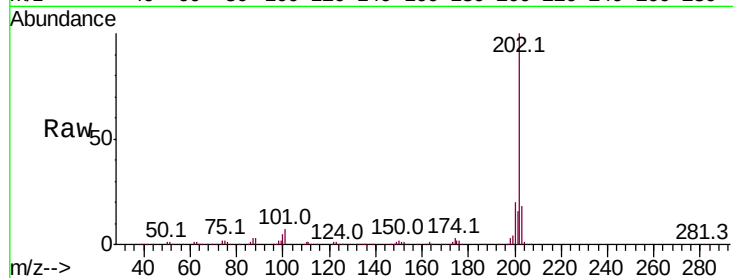
Tot Ion:202 Resp: 532641

Ion Ratio Lower Upper

202 100

101 6.6 0.0 25.6

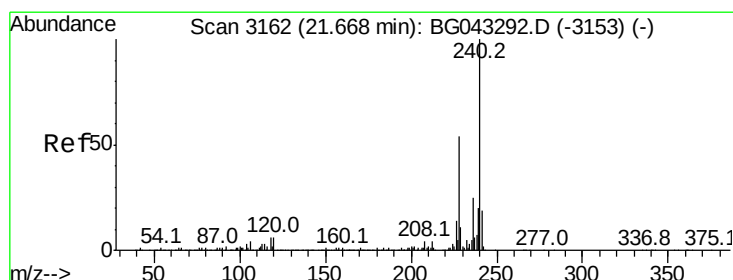
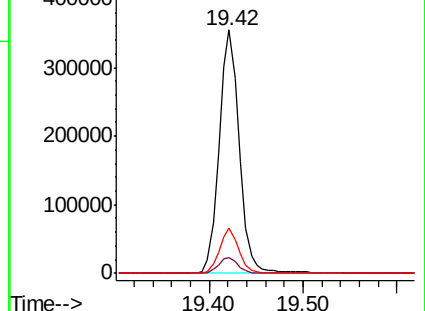
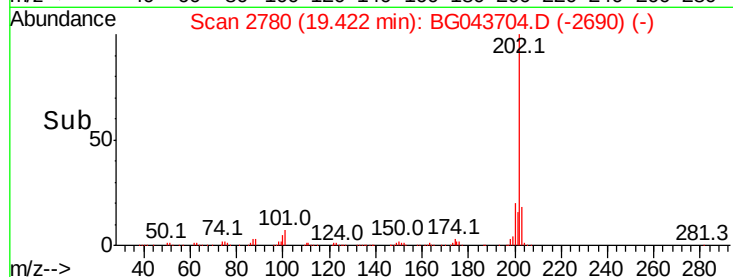
203 18.4 0.0 37.6



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: 21.64 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

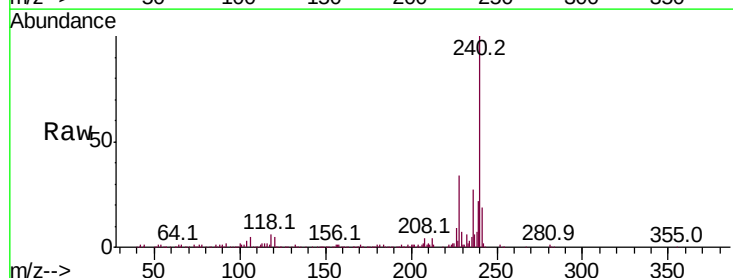
Tgt Ion:240 Resp: 214530

Ion Ratio Lower Upper

240 100

120 5.3 4.9 7.3

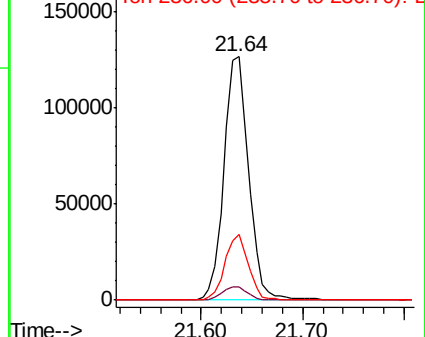
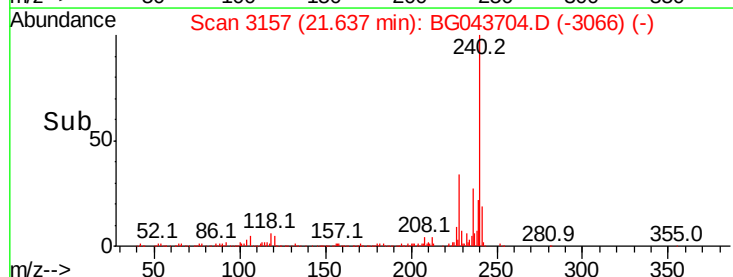
236 26.9 21.4 32.0

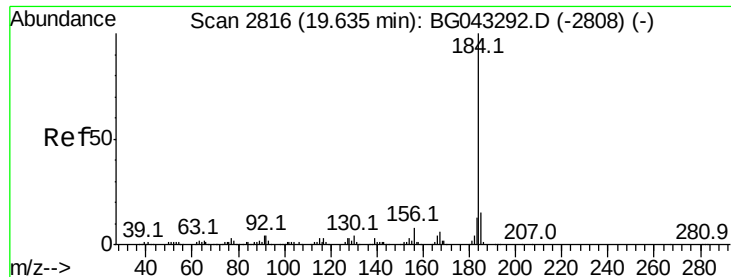


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 66.301 ng

RT: 19.60 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampleId :

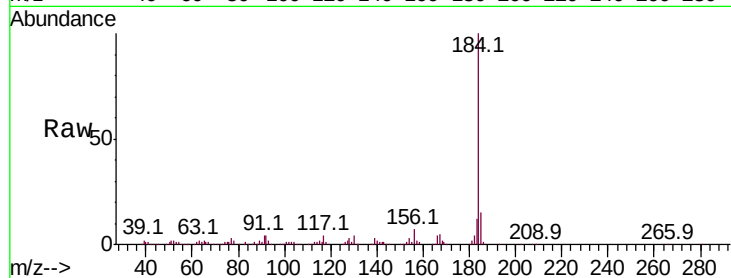
Tot Ion:184 Resp: 286255

Ion Ratio Lower Upper

184 100

185 15.2 12.7 19.1

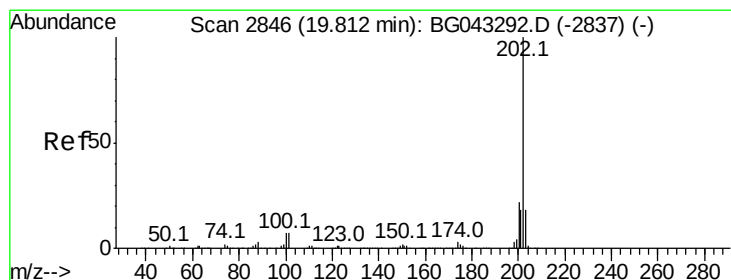
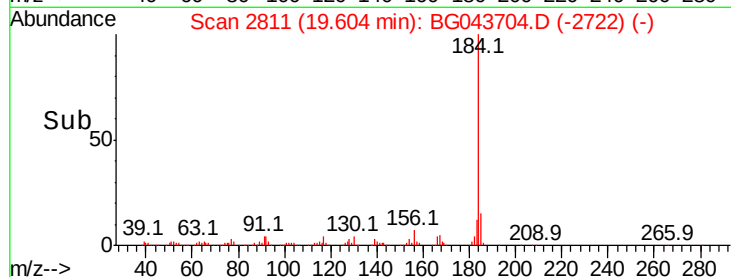
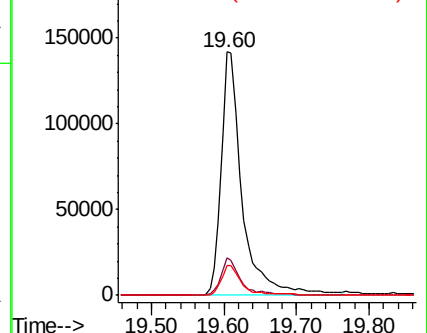
183 12.3 8.8 13.2



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: 40.208 ng

RT: 19.79 min Scan# 2842

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

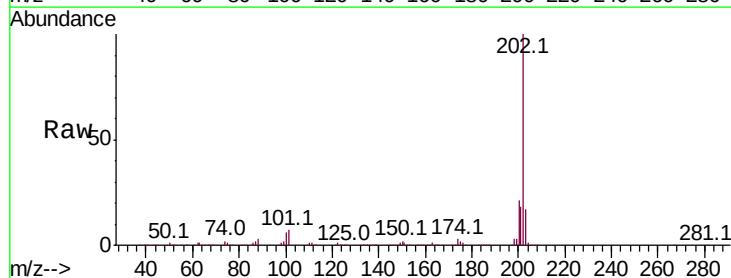
Tgt Ion:202 Resp: 533926

Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

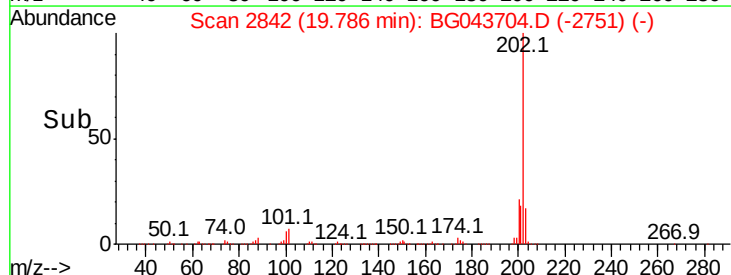
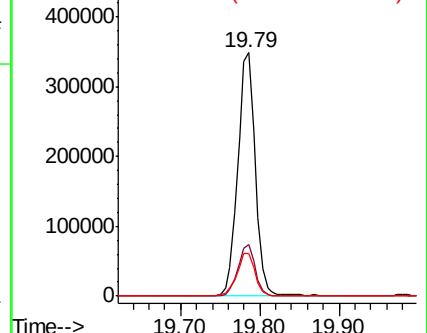
203 17.4 14.8 22.2

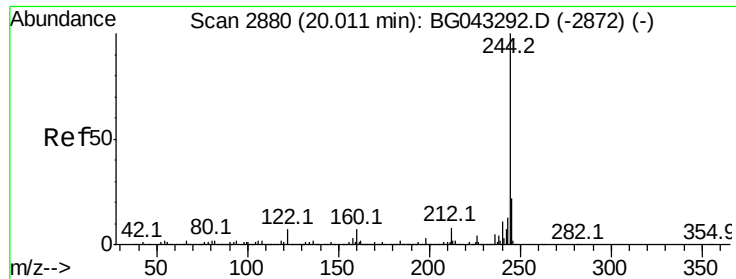


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.640 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampleId :

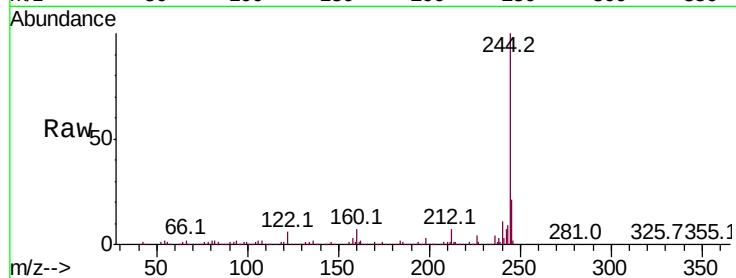
Tot Ion:244 Resp: 807775

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

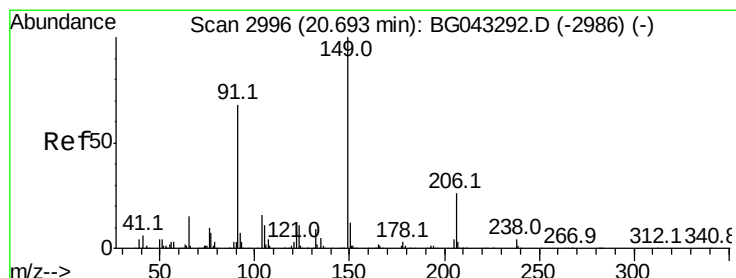
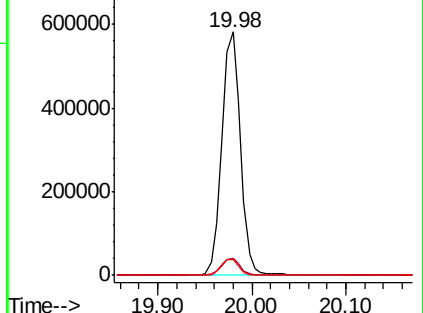
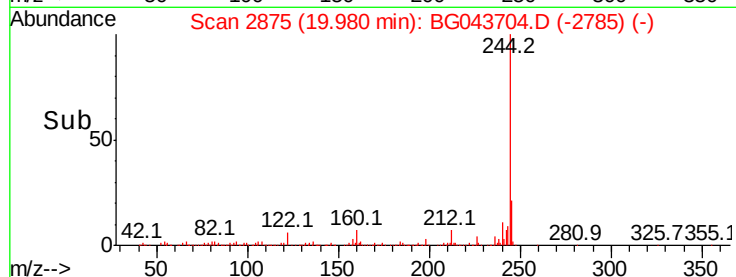
122 6.4 5.2 7.8



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: 39.178 ng

RT: 20.67 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

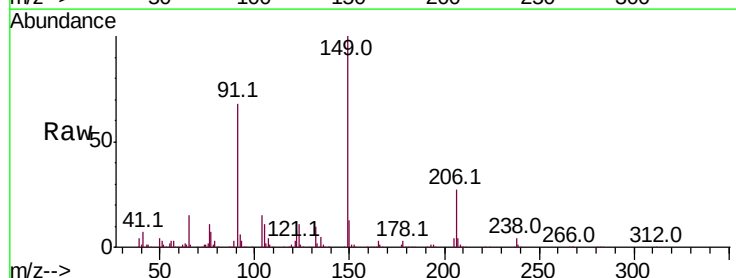
Tgt Ion:149 Resp: 197102

Ion Ratio Lower Upper

149 100

91 67.6 55.4 83.0

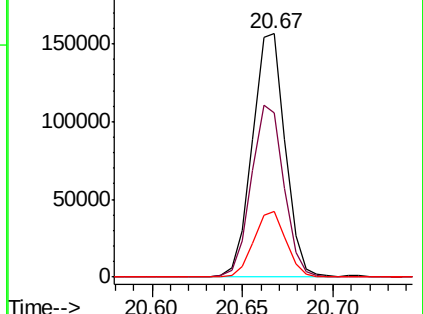
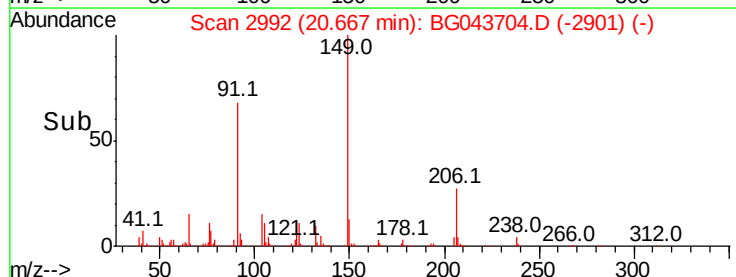
206 27.0 20.2 30.4

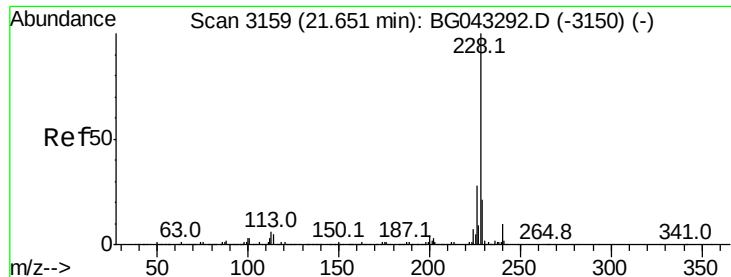


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.217 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Instrument :

BNA_G

ClientSampleId :

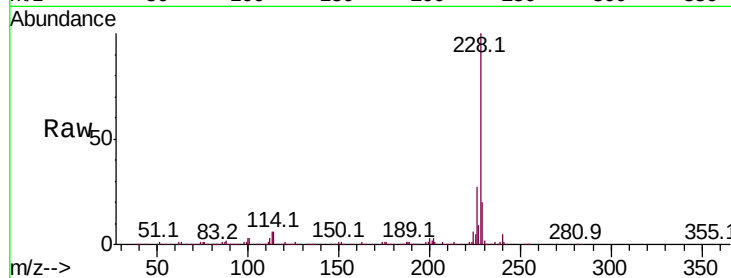
Tot Ion:228 Resp: 553874

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.6

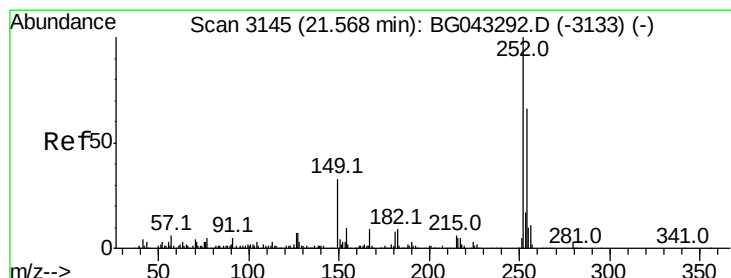
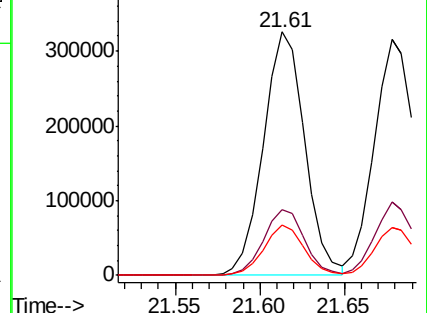
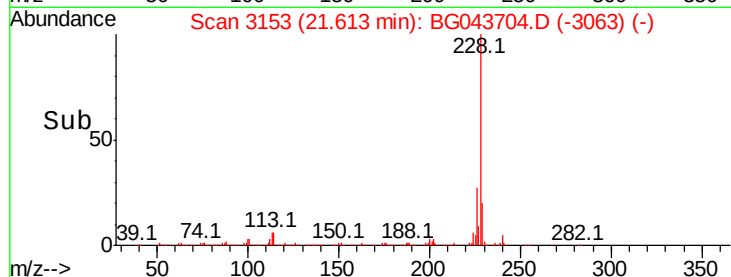
229 20.4 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.796 ng

RT: 21.54 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

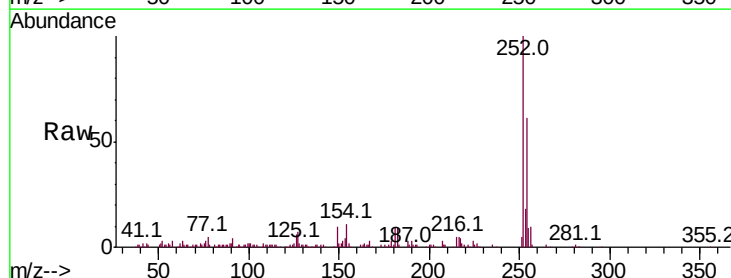
Tgt Ion:252 Resp: 118485

Ion Ratio Lower Upper

252 100

254 60.7 50.2 75.4

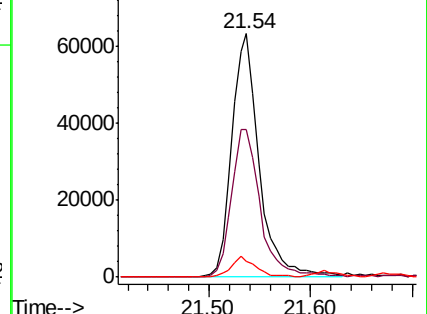
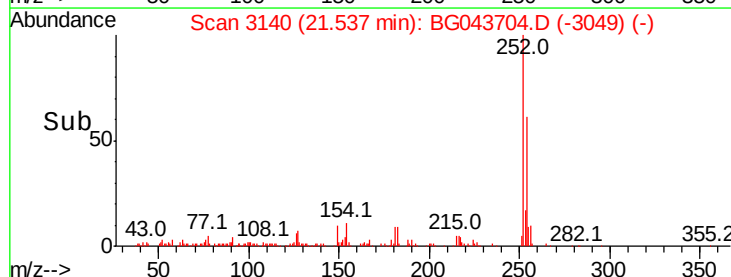
126 6.4 5.4 8.0

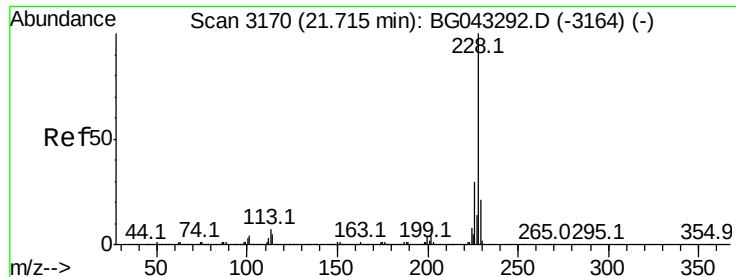


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.550 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

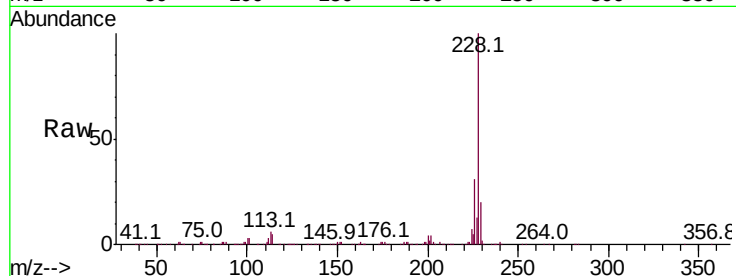
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 541415

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.3	34.9
229	20.4	16.5	24.7

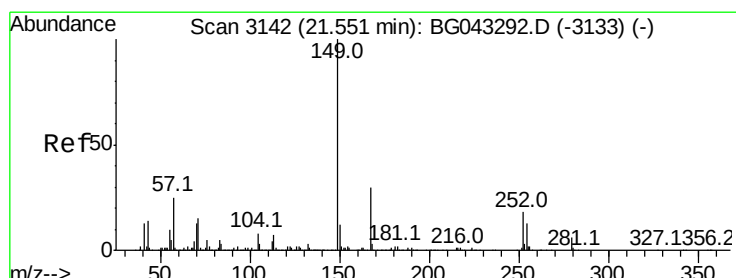
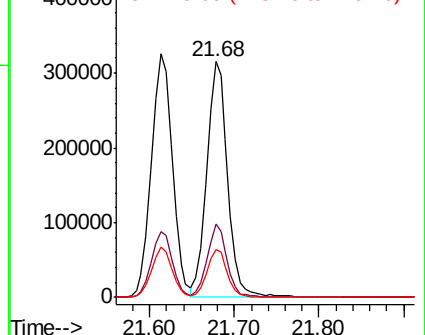
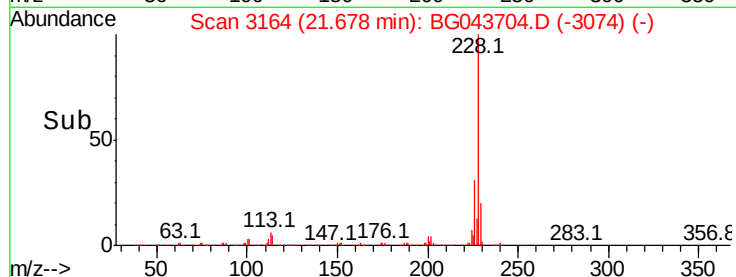


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.539 ng

RT: 21.51 min Scan# 3136

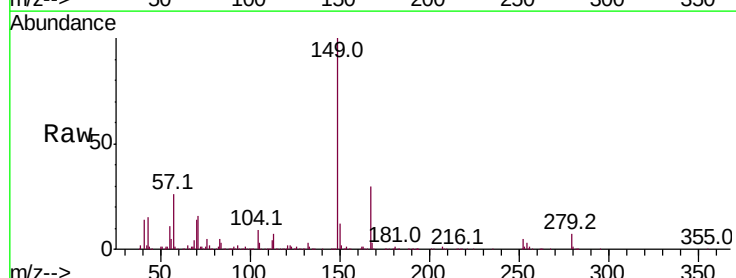
Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Tgt Ion:149 Resp: 289716

Ion	Ratio	Lower	Upper
149	100		
167	30.0	24.8	37.2
279	6.7	5.4	8.0

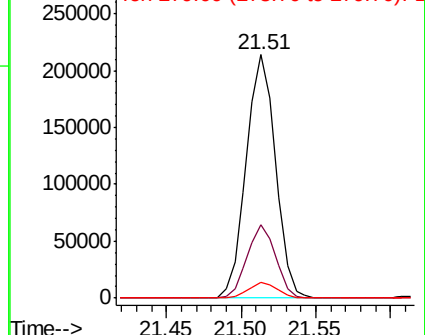
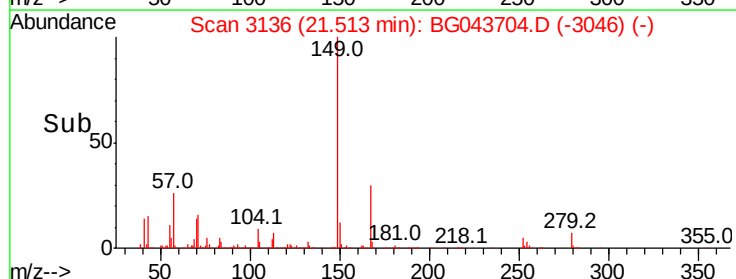


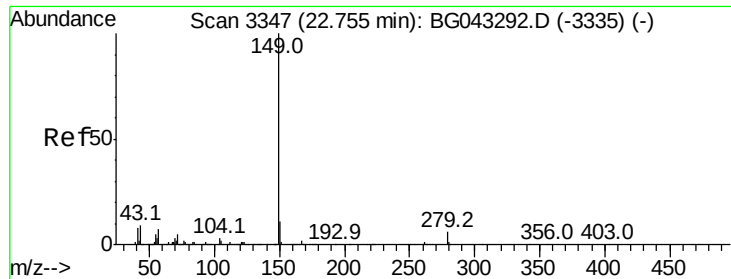
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

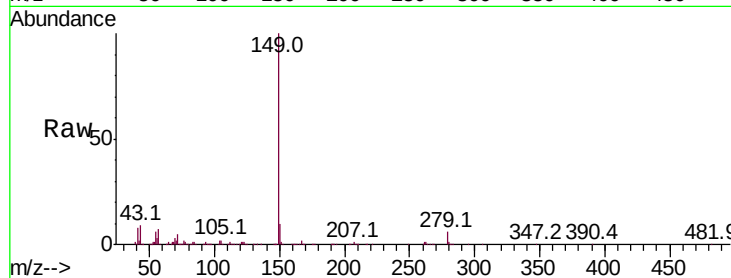




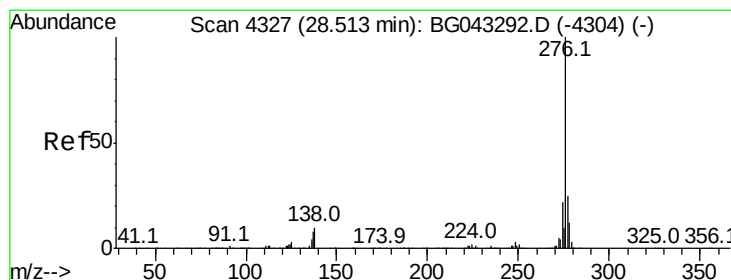
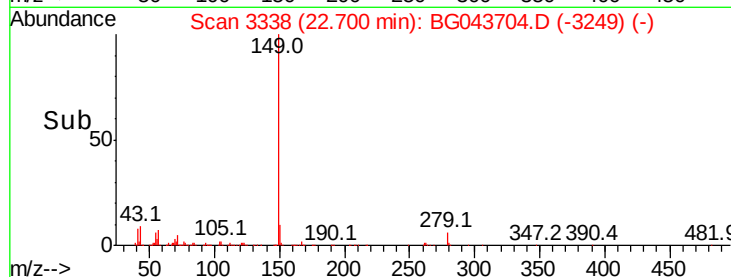
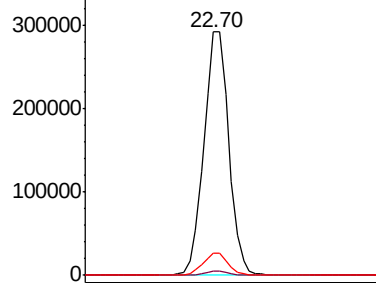
#85
Di-n-octyl phthalate
Concen: 41.101 ng
RT: 22.70 min Scan# 3338
Delta R.T. -0.01 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	9.1	7.8	11.8

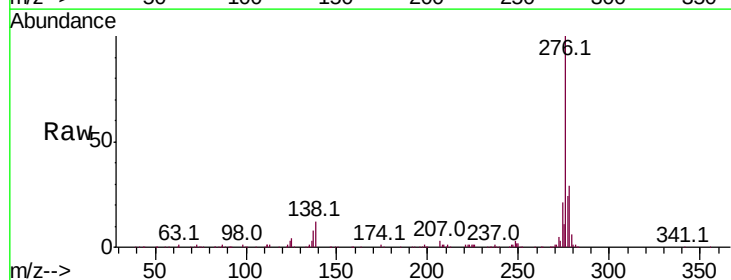


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

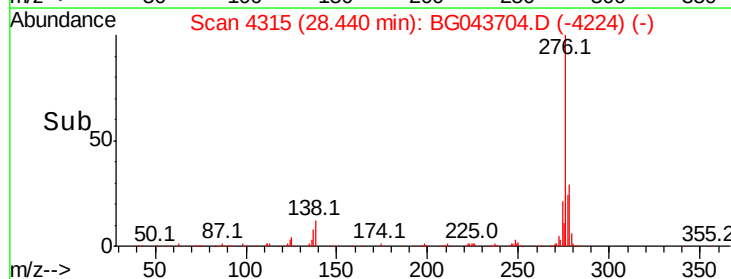
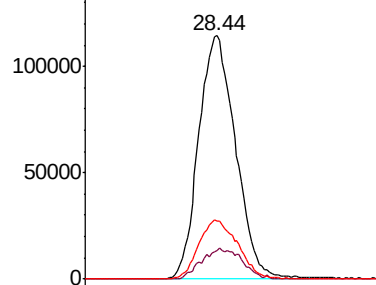


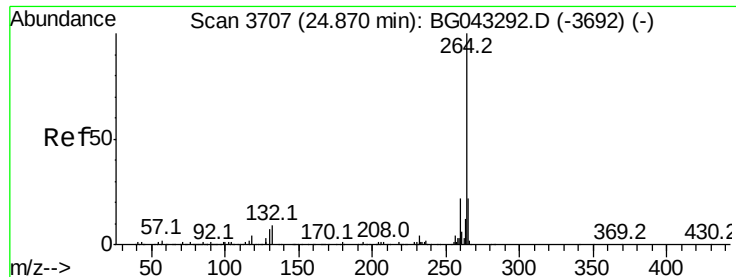
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.460 ng
RT: 28.44 min Scan# 4315
Delta R.T. 0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.8	11.3	16.9#
277	25.6	20.6	31.0



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: 24.81 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

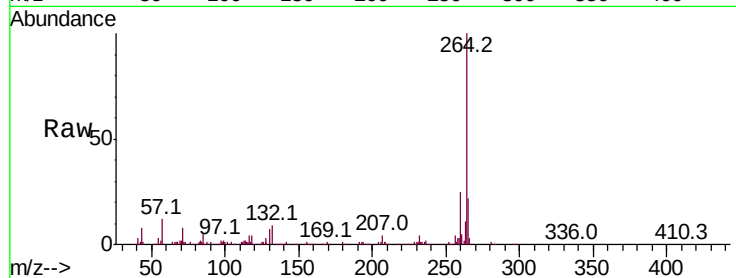
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 254748

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.4	27.6
265	21.9	15.8	23.8

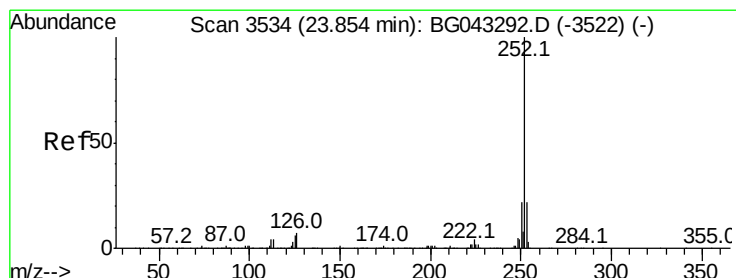
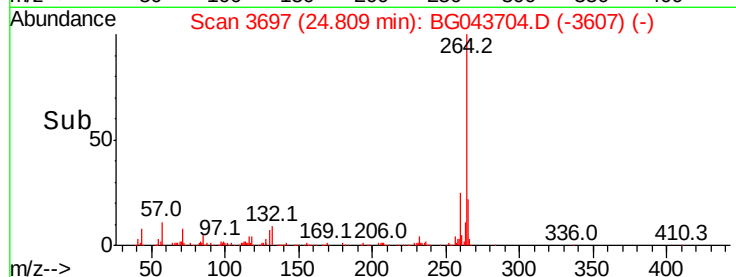
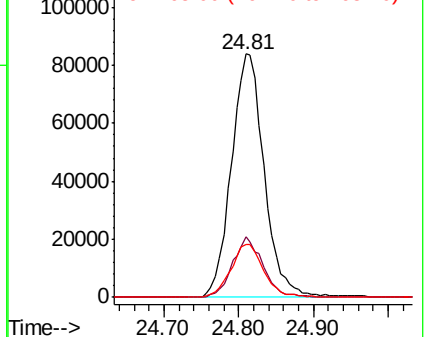


Abundance

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: 38.868 ng

RT: 23.80 min Scan# 3526

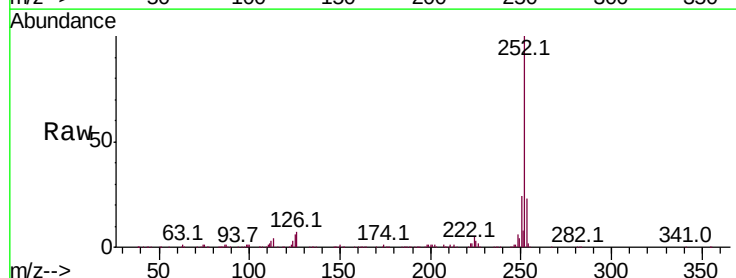
Delta R.T. 0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Tgt Ion:252 Resp: 560786

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	5.7	4.5	6.7

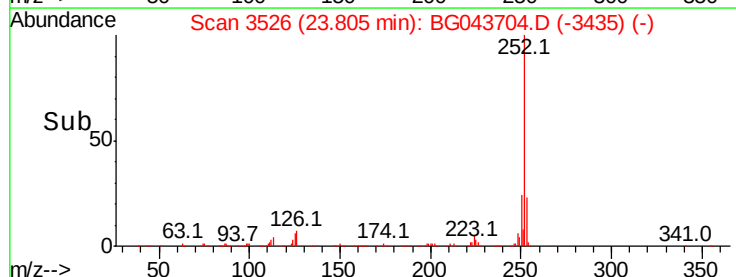
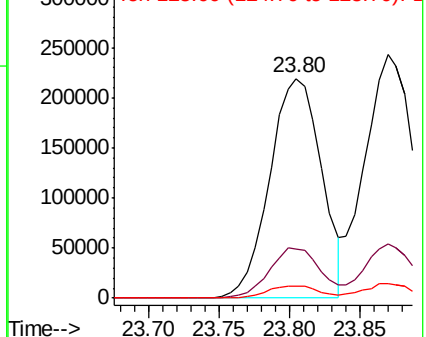


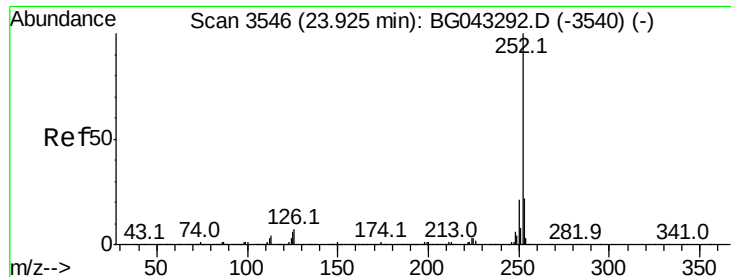
Abundance

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

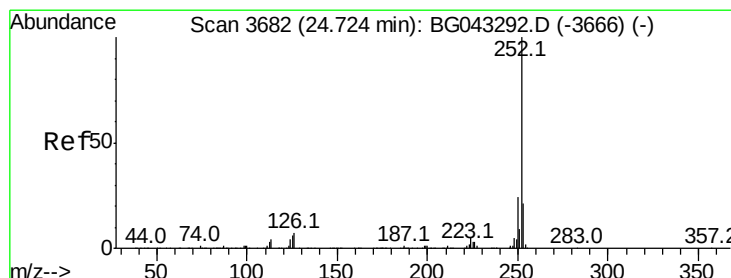
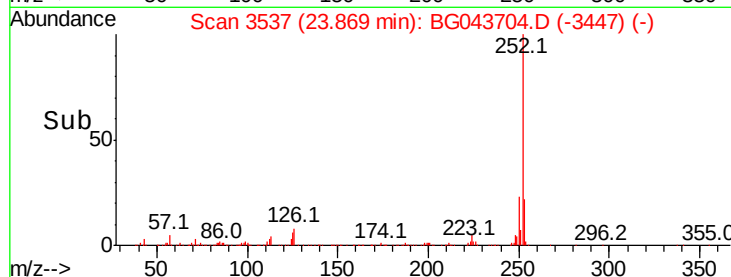
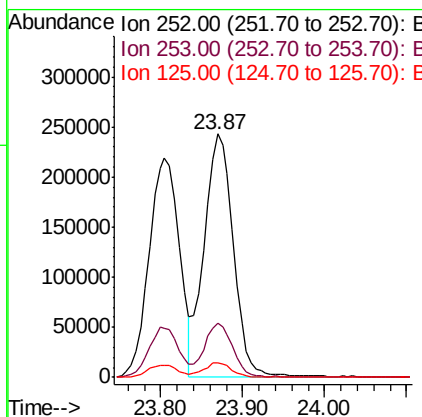
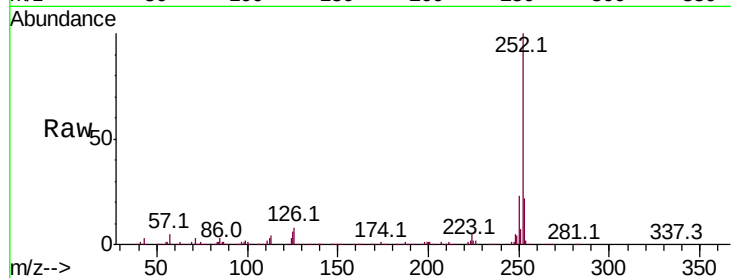




#89
Benzo(k)fluoranthene
Concen: 41.382 ng
RT: 23.87 min Scan# 3537
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

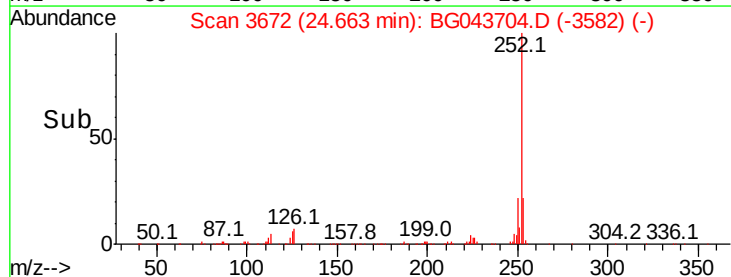
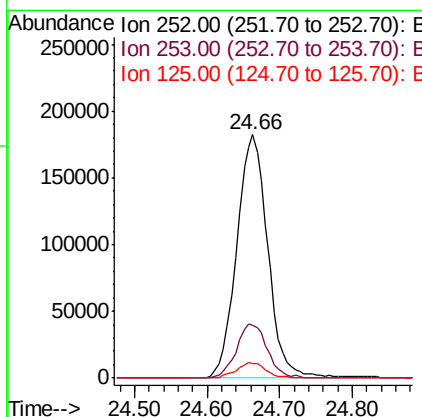
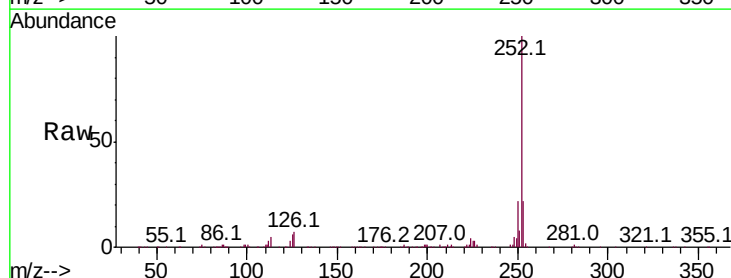
Instrument :
BNA_G
ClientSampleId :

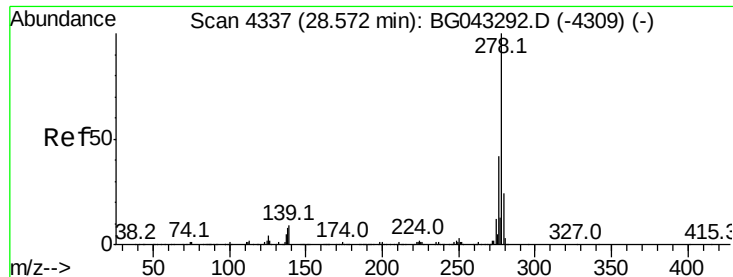
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	6.1	4.7	7.1



#90
Benzo(a)pyrene
Concen: 39.157 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.00 min
Lab File: BG043704.D
Acq: 19 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	6.1	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 41.502 ng

RT: 28.49 min Scan# 4323

Delta R.T. -0.00 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

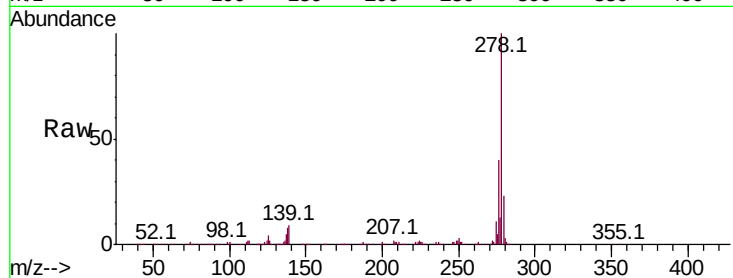
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 584878

Ion	Ratio	Lower	Upper
278	100		
139	9.1	7.2	10.8
279	23.1	19.0	28.4

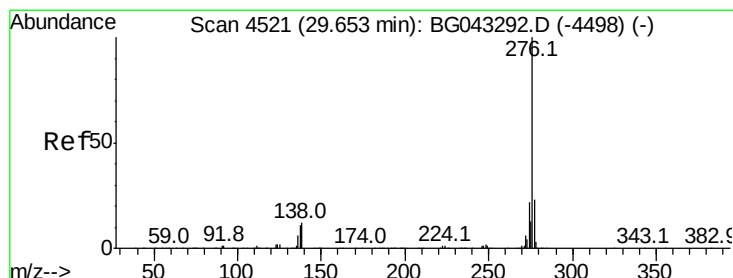
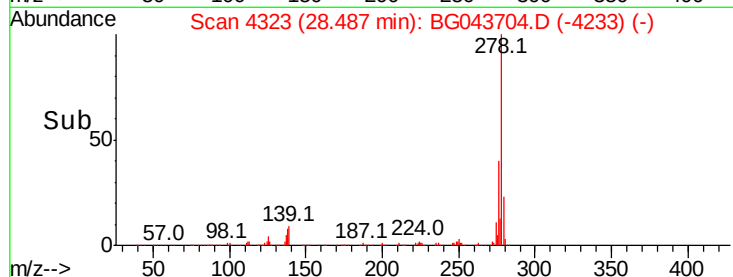
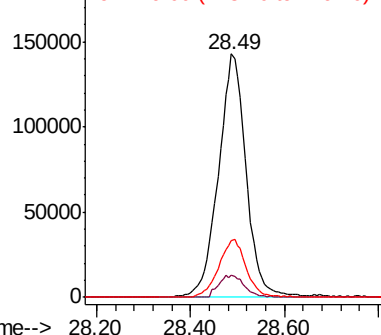


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.391 ng

RT: 29.57 min Scan# 4507

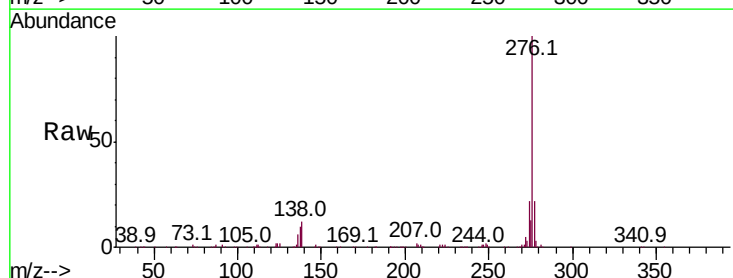
Delta R.T. -0.01 min

Lab File: BG043704.D

Acq: 19 Nov 2019 18:55

Tgt Ion:276 Resp: 575375

Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.8	29.6
138	11.9	9.7	14.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

