

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044729.D
 Acq On : 12 Mar 2020 10:53
 Operator : CG/JU
 Sample : PB127439BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 06:06:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	108475	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	441565	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	296393	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	667752	20.00	ng	0.00
76) Chrysene-d12	21.71	240	568467	20.00	ng	0.00
87) Perylene-d12	24.93	264	555625	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	895332	128.49	ng	0.00
7) Phenol-d6	7.21	99	1261102	124.56	ng	0.00
23) Nitrobenzene-d5	9.22	82	708541	70.41	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	462128	119.08	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1466627	70.86	ng	0.00
79) Terphenyl-d14	20.04	244	2152742	70.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	130144	38.784	ng	97
3) Pyridine	3.91	79	312031	31.411	ng	98
4) n-Nitrosodimethylamine	3.82	42	160921	42.695	ng	# 95
6) Aniline	7.38	93	401515	31.871	ng	96
8) 2-Chlorophenol	7.62	128	324446	46.642	ng	98
9) Benzaldehyde	7.18	77	148423	20.665	ng	95
10) Phenol	7.24	94	472444	47.134	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	341040	42.632	ng	99
12) 1,3-Dichlorobenzene	7.95	146	339428	39.611	ng	98
13) 1,4-Dichlorobenzene	8.09	146	342812	40.466	ng	99
14) 1,2-Dichlorobenzene	8.41	146	324016	40.328	ng	93
15) Benzyl Alcohol	8.29	79	359350	44.237	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	550160	38.971	ng	99
17) 2-Methylphenol	8.49	107	316115	46.558	ng	93
18) Hexachloroethane	9.15	117	133630	40.066	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	287148	40.166	ng	99
20) 3+4-Methylphenols	8.82	107	435063	46.483	ng	99
22) Acetophenone	8.88	105	509258	40.710	ng	99
24) Nitrobenzene	9.26	77	434767	41.640	ng	97
25) Isophorone	9.79	82	809208	41.203	ng	98
26) 2-Nitrophenol	9.97	139	166633	46.203	ng	97
27) 2,4-Dimethylphenol	10.03	122	326382	51.032	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	462178	39.433	ng	98
29) 2,4-Dichlorophenol	10.51	162	336492	45.045	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	348030	38.964	ng	99
31) Naphthalene	10.92	128	1002432	40.981	ng	99
32) Benzoic acid	10.16	122	209693	43.278	ng	83
33) 4-Chloroaniline	11.01	127	232893	21.133	ng	97
34) Hexachlorobutadiene	11.22	225	226812	38.613	ng	97
35) Caprolactam	11.78	113	56246	19.887	ng	91
36) 4-Chloro-3-methylphenol	12.14	107	396287	44.480	ng	98
37) 2-Methylnaphthalene	12.52	142	752401	41.121	ng	98
38) 1-Methylnaphthalene	12.74	142	718567	41.772	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	391279	40.085	ng	99

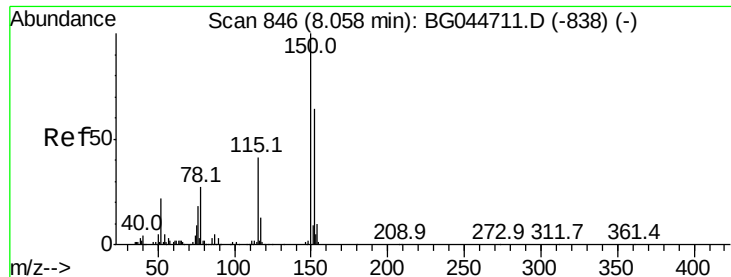
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044729.D
 Acq On : 12 Mar 2020 10:53
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	450252	84.404	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	285820	44.122	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	293327	43.662	ng	93
46) 1,1'-Biphenyl	13.53	154	938189	39.610	ng	98
47) 2-Chloronaphthalene	13.56	162	711197	39.306	ng	98
48) 2-Nitroaniline	13.76	65	269838	42.598	ng	99
49) Acenaphthylene	14.41	152	1187993	41.910	ng	98
50) Dimethylphthalate	14.15	163	955391	40.472	ng	100
51) 2,6-Dinitrotoluene	14.25	165	211523	44.453	ng	96
52) Acenaphthene	14.76	154	834616	44.958	ng	99
53) 3-Nitroaniline	14.58	138	156180	28.549	ng	99
54) 2,4-Dinitrophenol	14.79	184	215310	85.907	ng	# 66
55) Dibenzofuran	15.09	168	1122396	41.693	ng	99
56) 4-Nitrophenol	14.89	139	397746	95.267	ng	99
57) 2,4-Dinitrotoluene	15.04	165	289345	44.338	ng	# 95
58) Fluorene	15.74	166	912141	41.189	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	276429	44.693	ng	92
60) Diethylphthalate	15.51	149	988515	40.149	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	495687	41.570	ng	96
62) 4-Nitroaniline	15.74	138	221560	37.981	ng	94
63) Azobenzene	16.03	77	1050171	41.074	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	153913	48.823	ng	96
66) n-Nitrosodiphenylamine	15.94	169	835035	41.536	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	331818	39.749	ng	99
68) Hexachlorobenzene	16.75	284	358669	39.603	ng	98
69) Atrazine	16.90	200	339651	46.113	ng	98
70) Pentachlorophenol	17.08	266	445663	89.436	ng	100
71) Phenanthrene	17.48	178	1454641	40.765	ng	100
72) Anthracene	17.57	178	1467668	41.712	ng	99
73) Carbazole	17.83	167	1368037	40.476	ng	99
74) Di-n-butylphthalate	18.41	149	1651744	40.202	ng	100
75) Fluoranthene	19.48	202	1752348	41.244	ng	100
77) Benzidine	19.66	184	465771	25.239	ng	98
78) Pyrene	19.84	202	1751096	41.986	ng	99
80) Butylbenzylphthalate	20.74	149	743794	40.087	ng	94
81) Benzo(a)anthracene	21.69	228	1677918	40.991	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	547333	34.563	ng	99
83) Chrysene	21.75	228	1596886	40.840	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	1036515	40.477	ng	99
85) Di-n-octyl phthalate	22.85	149	1788892	41.747	ng	100
86) Indeno(1,2,3-cd)pyrene	28.59	276	2077867	40.534	ng	100
88) Benzo(b)fluoranthene	23.91	252	1775600	48.406	ng	99
89) Benzo(k)fluoranthene	23.98	252	1741372	50.165	ng	99
90) Benzo(a)pyrene	24.77	252	1634424	47.619	ng	99
91) Dibenzo(a,h)anthracene	28.66	278	1702641	50.283	ng	100
92) Benzo(g,h,i)perylene	29.73	276	1742303	50.928	ng	100

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

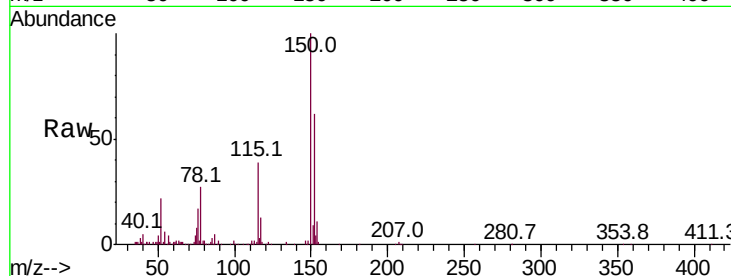


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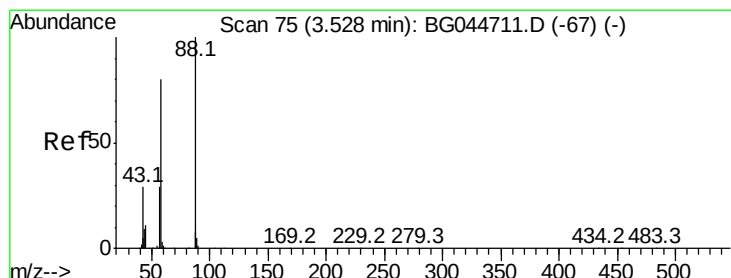
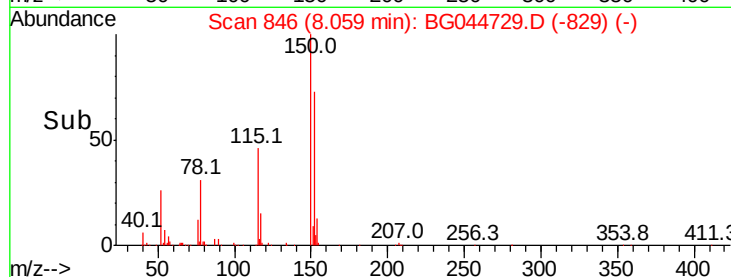
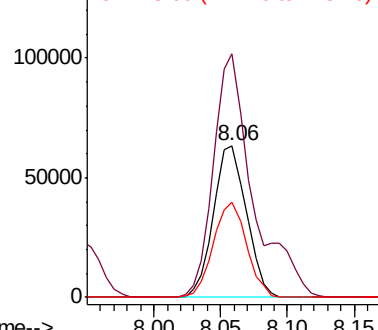
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	125.3	187.9
115	62.6	51.7	77.5



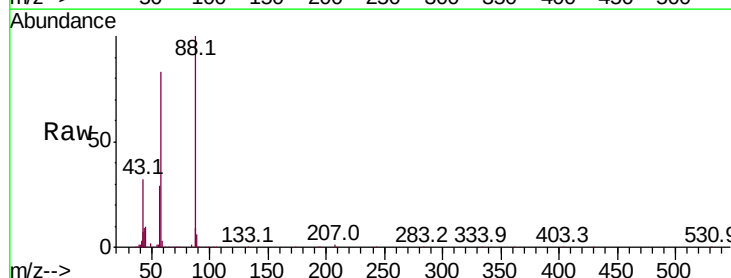
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



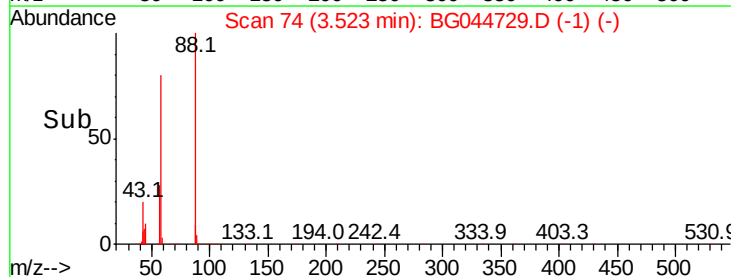
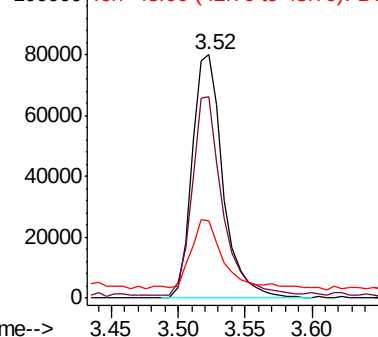
#2

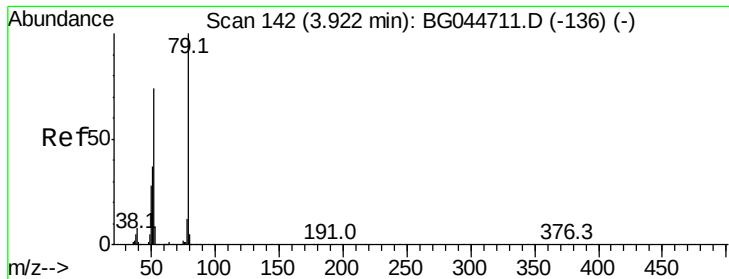
1,4-Dioxane
Concen: 38.784 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.01 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.1	63.0	94.4
43	31.1	23.2	34.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.411 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampleId :

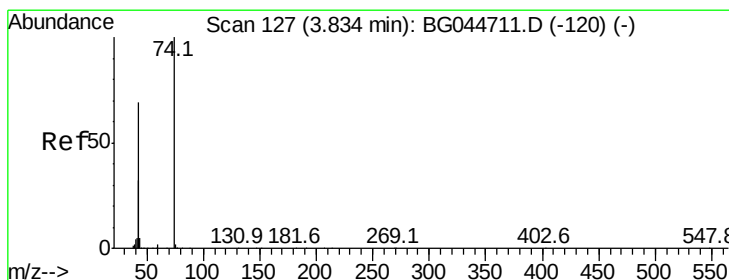
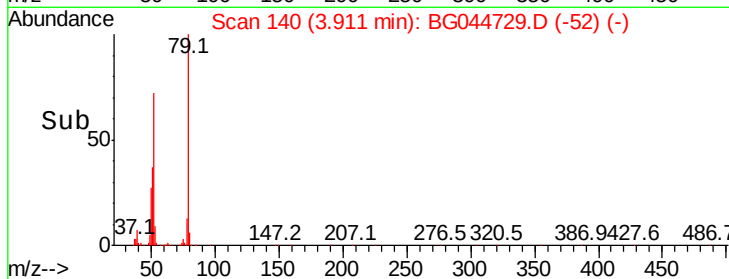
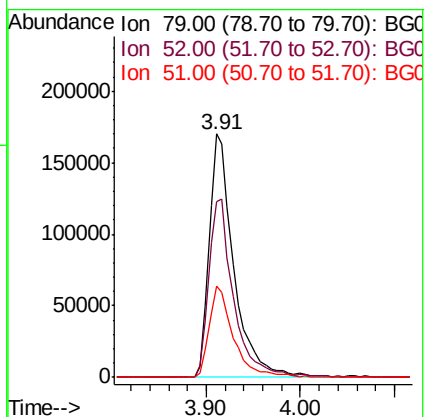
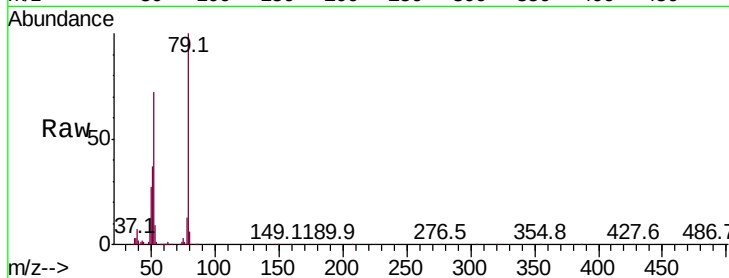
Tot Ion: 79 Resp: 312031

Ion Ratio Lower Upper

79 100

52 72.2 59.4 89.2

51 37.3 29.7 44.5



#4

n-Nitrosodimethylamine

Concen: 42.695 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

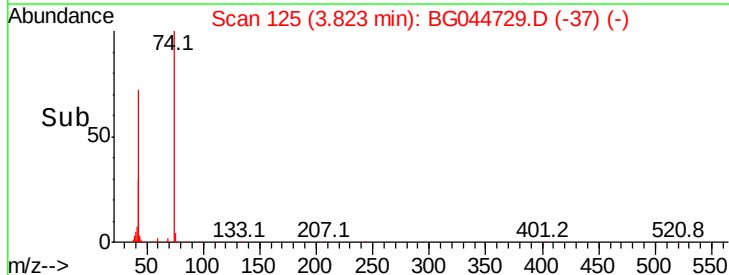
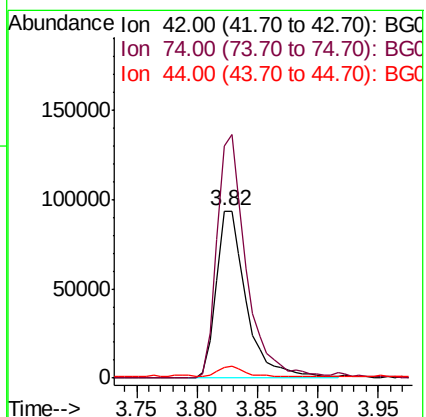
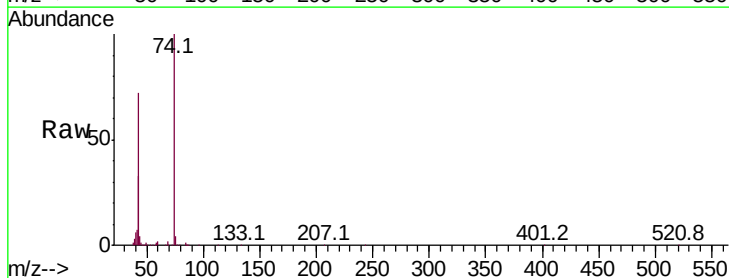
Tgt Ion: 42 Resp: 160921

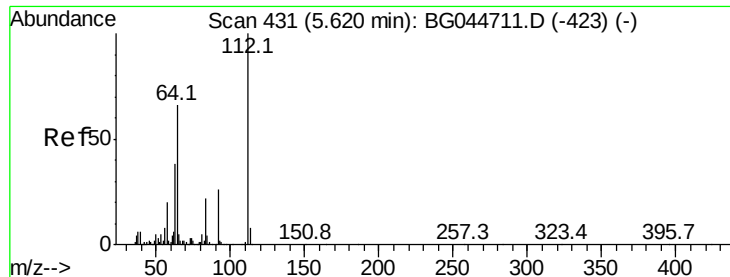
Ion Ratio Lower Upper

42 100

74 138.9 116.1 174.1

44 6.2 7.1 10.7#





#5

2-Fluorophenol

Concen: 128.486 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampleId :

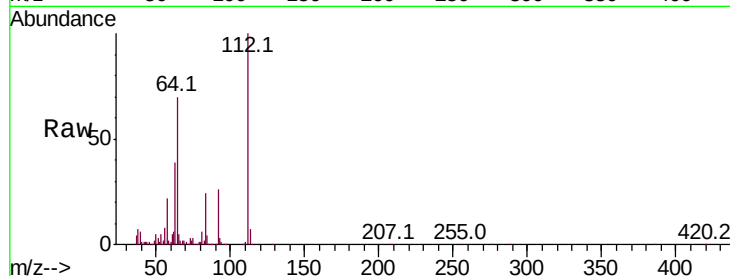
Tot Ion:112 Resp: 895332

Ion Ratio Lower Upper

112 100

64 69.8 52.6 78.8

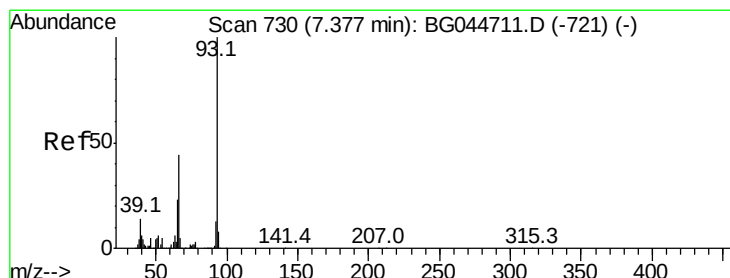
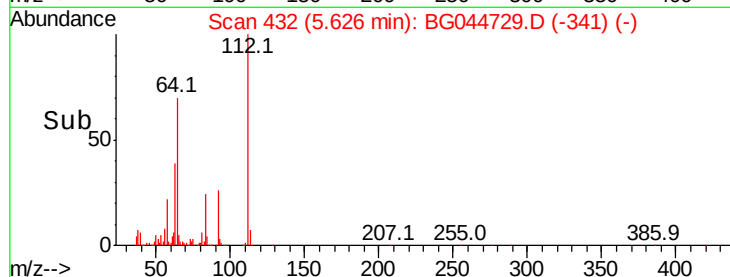
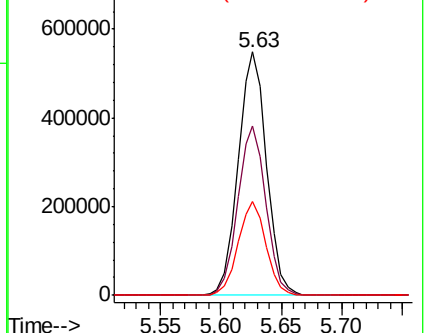
63 38.7 30.2 45.4



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: 31.871 ng

RT: 7.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

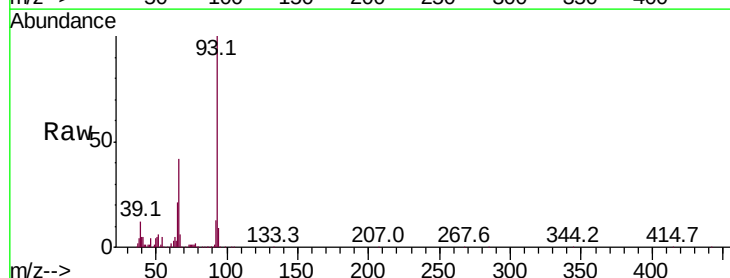
Tgt Ion: 93 Resp: 401515

Ion Ratio Lower Upper

93 100

66 41.7 35.3 52.9

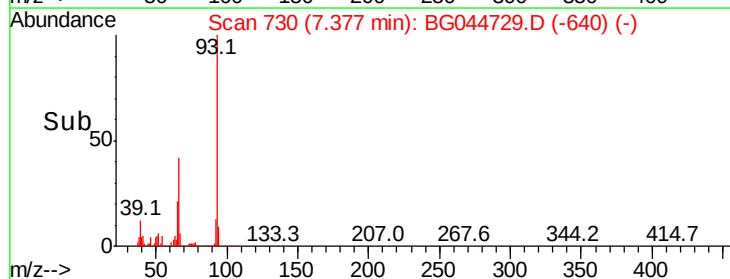
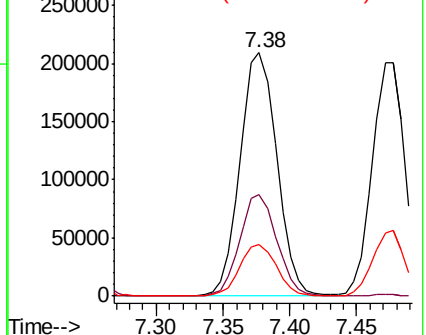
65 21.0 18.2 27.4

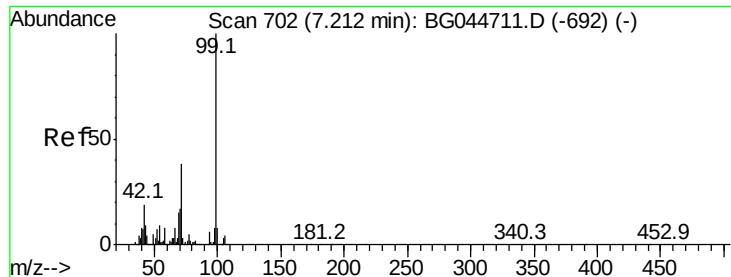


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.560 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampleId :

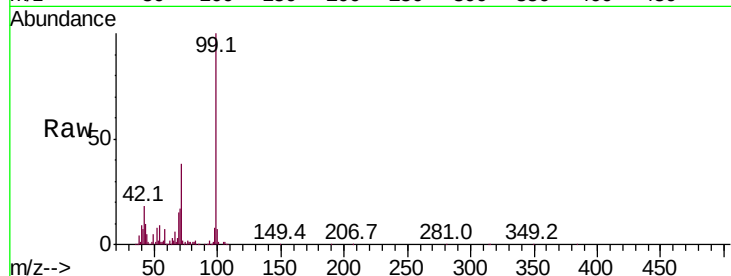
Tot Ion: 99 Resp: 1261102

Ion Ratio Lower Upper

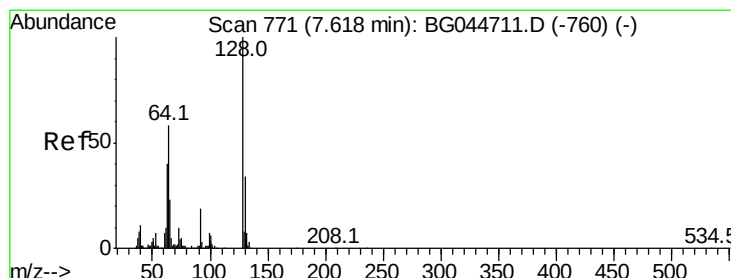
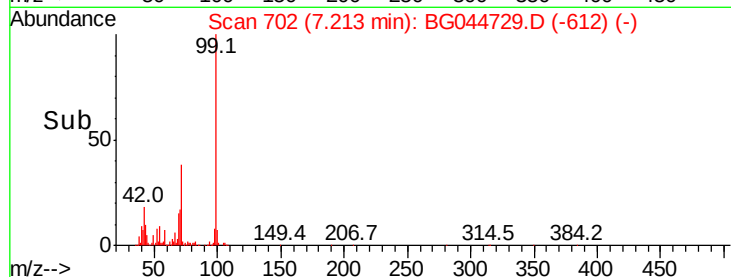
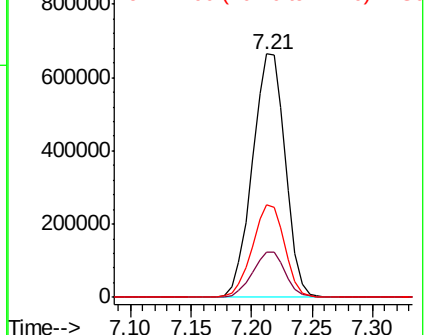
99 100

42 18.4 15.4 23.0

71 38.1 30.2 45.4



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



#8

2-Chlorophenol

Concen: 46.642 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

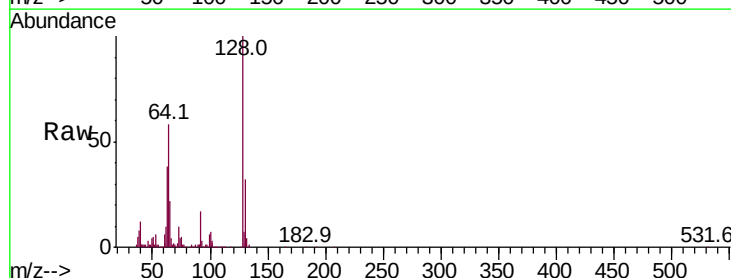
Tgt Ion:128 Resp: 324446

Ion Ratio Lower Upper

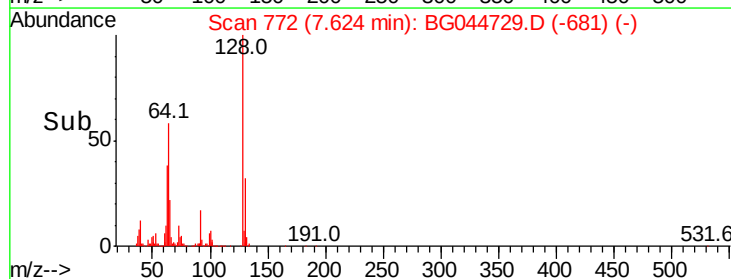
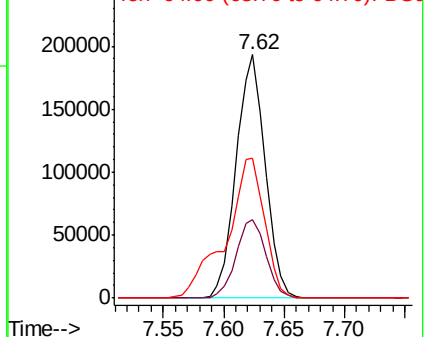
128 100

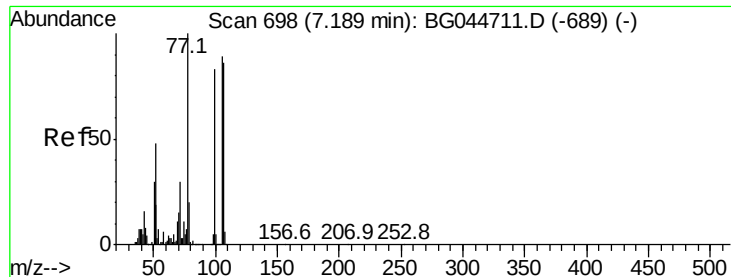
130 32.1 13.6 53.6

64 57.7 38.6 78.6



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





#9

Benzaldehyde

Concen: 20.665 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampleId :

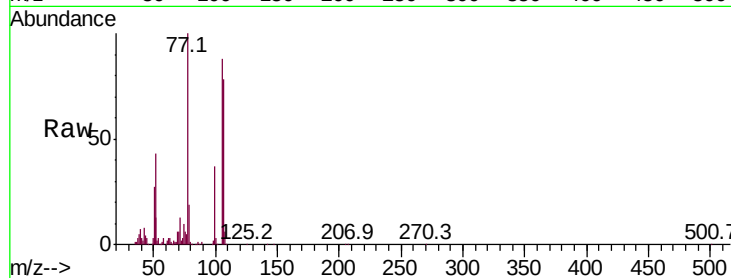
Tot Ion: 77 Resp: 148423

Ion Ratio Lower Upper

77 100

105 88.0 68.6 108.6

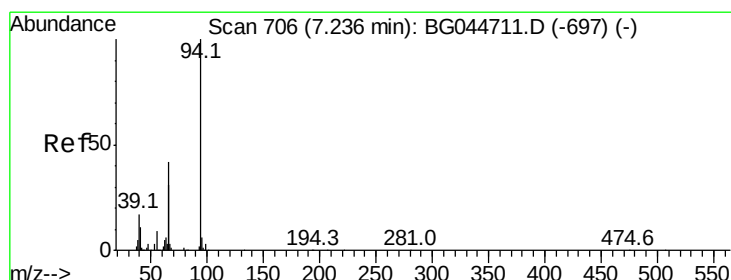
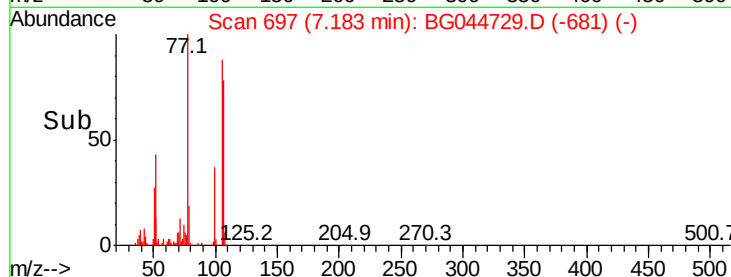
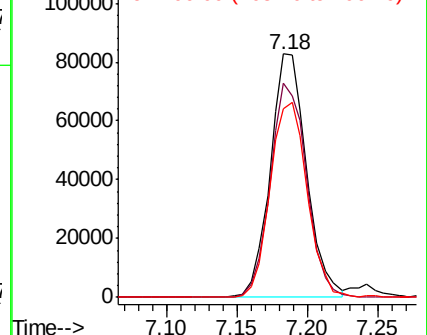
106 77.7 65.9 105.9



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.134 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

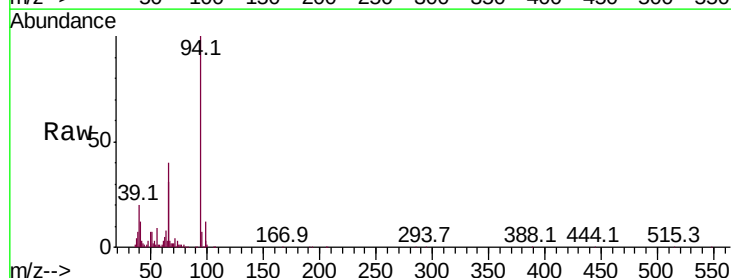
Tgt Ion: 94 Resp: 472444

Ion Ratio Lower Upper

94 100

65 30.9 11.3 51.3

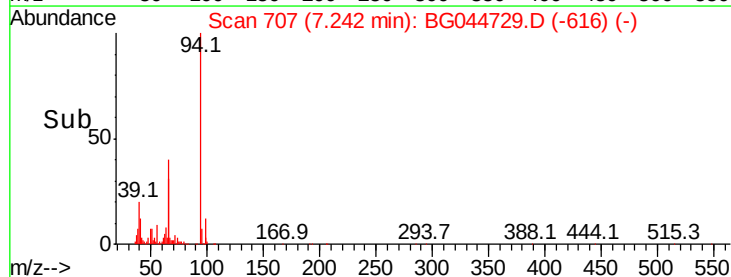
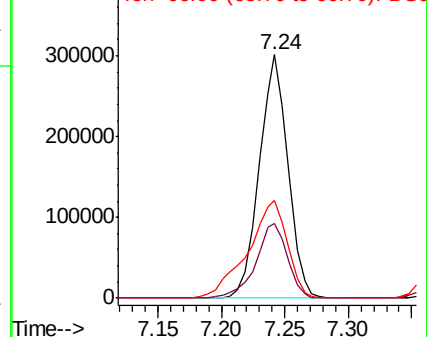
66 40.0 22.9 62.9

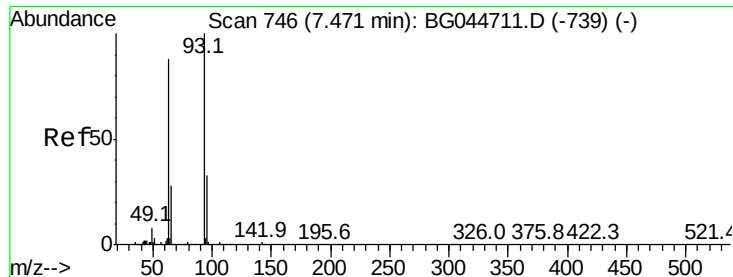


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

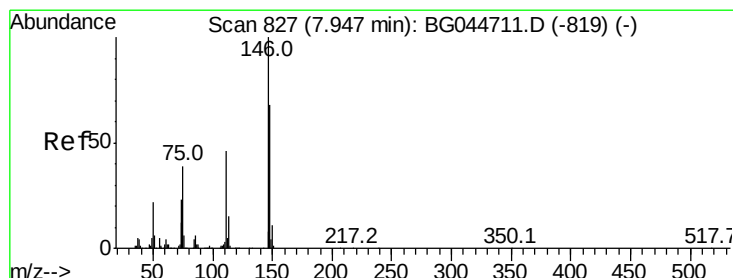
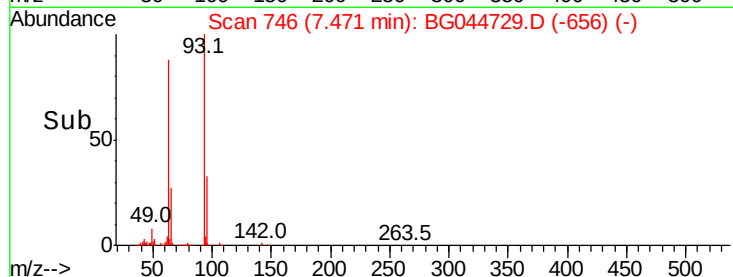
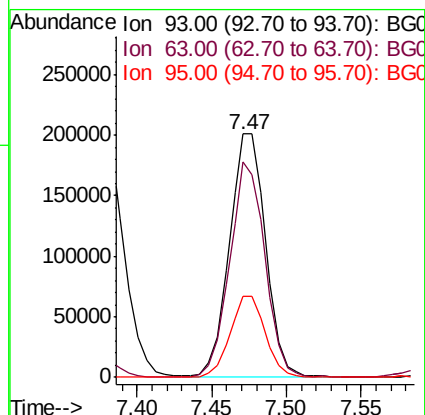
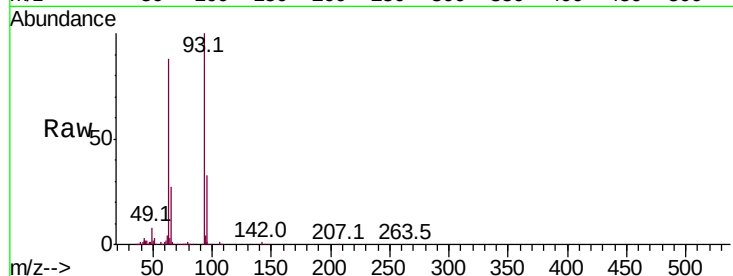




#11
bis(2-Chloroethyl)ether
Concen: 42.632 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

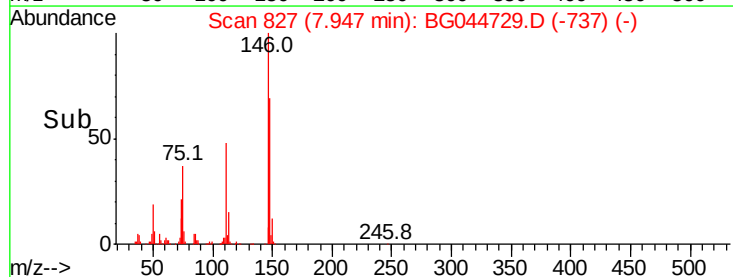
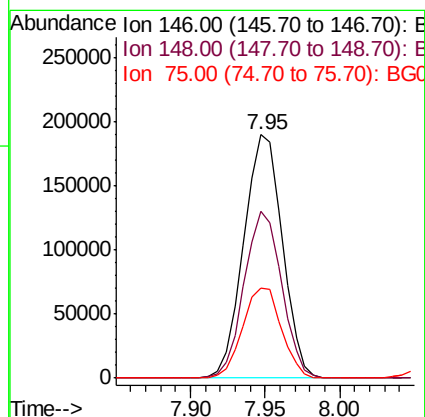
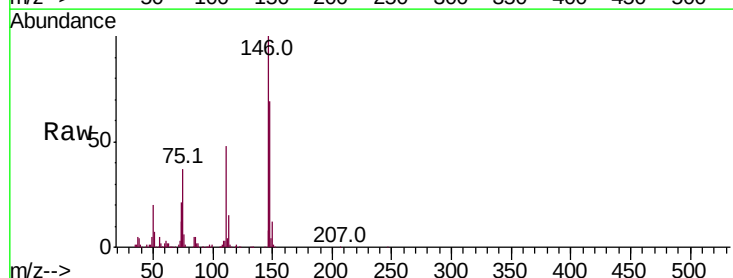
Instrument :
BNA_G
ClientSampleId :

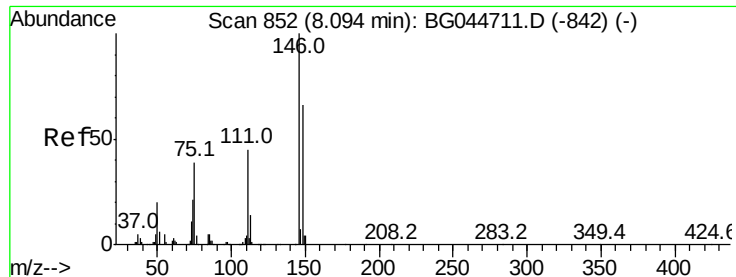
Tot Ion	Ratio	Lower	Upper
93	100		
63	88.3	68.1	108.1
95	33.2	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 39.611 ng
RT: 7.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.7	54.2	81.2
75	37.0	31.3	46.9

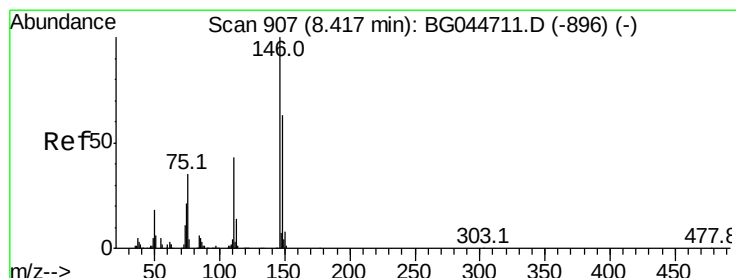
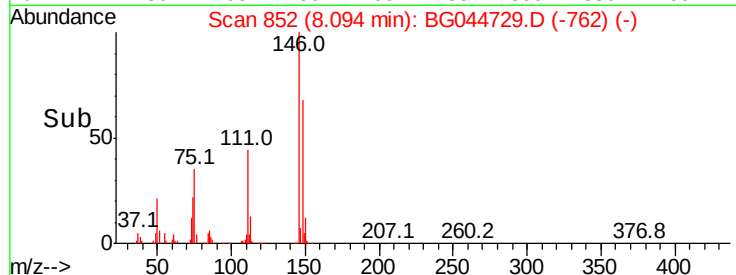
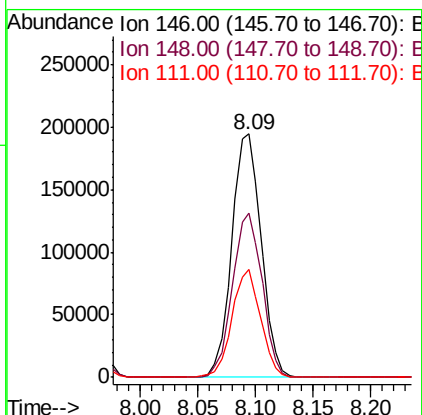
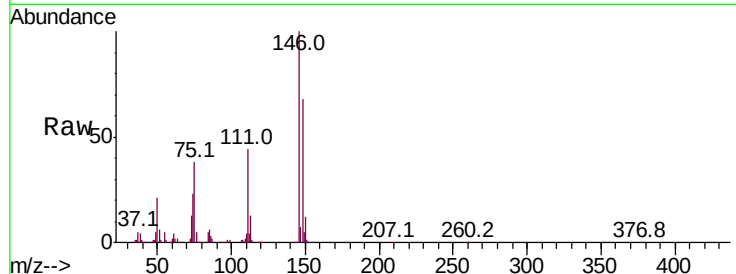




#13
 1,4-Dichlorobenzene
 Concen: 40.466 ng
 RT: 8.09 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG044729.D
 Acq: 12 Mar 2020 10:53

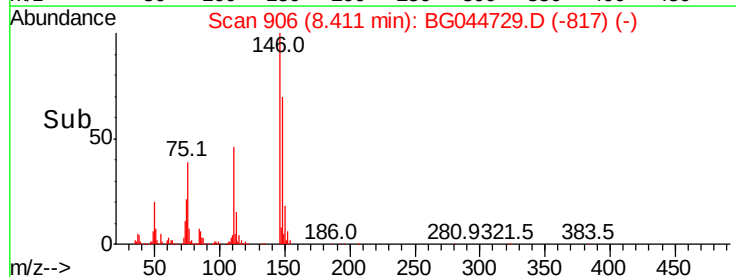
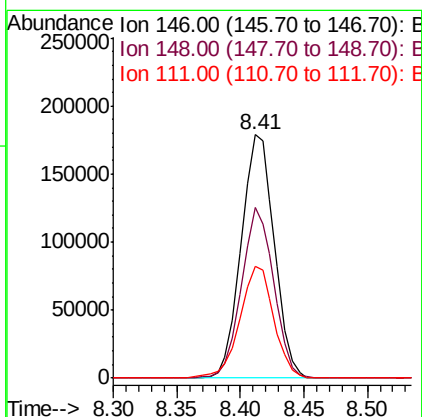
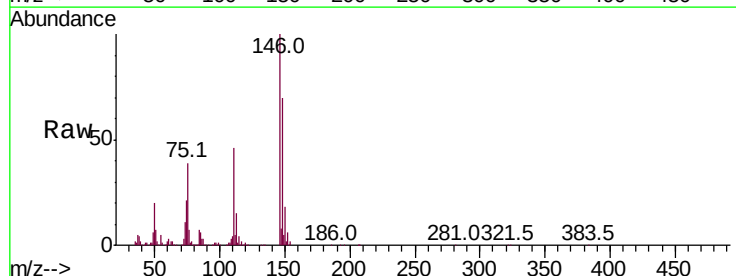
Instrument :
 BNA_G
 ClientSampled :

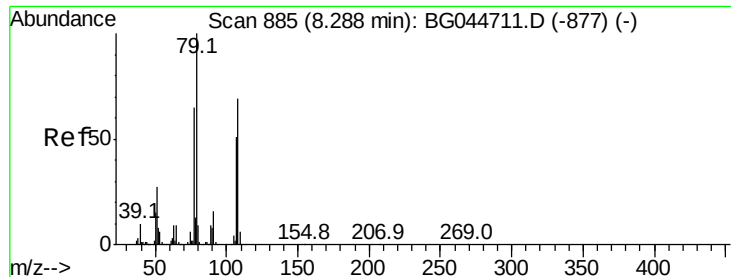
Tot Ion	Ratio	Lower	Upper
146	100		
148	67.7	52.9	79.3
111	44.3	35.6	53.4



#14
 1,2-Dichlorobenzene
 Concen: 40.328 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG044729.D
 Acq: 12 Mar 2020 10:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.0	50.8	76.2
111	45.9	34.8	52.2

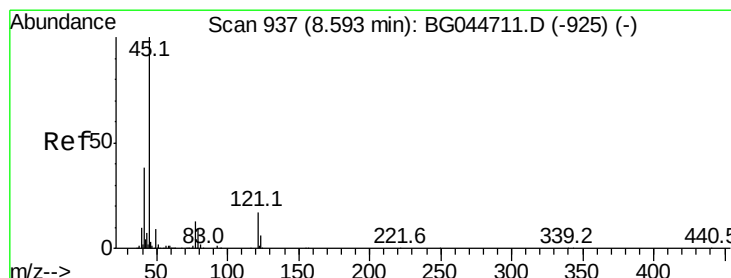
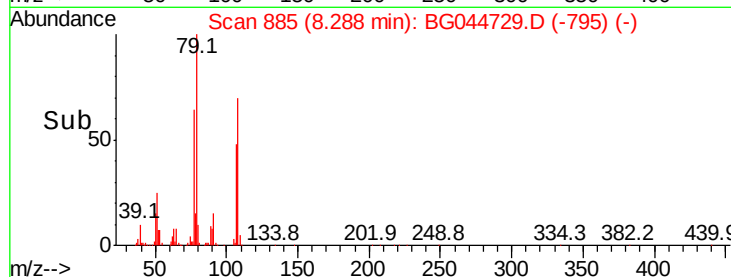
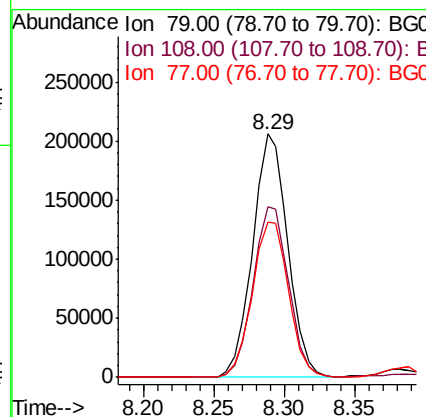
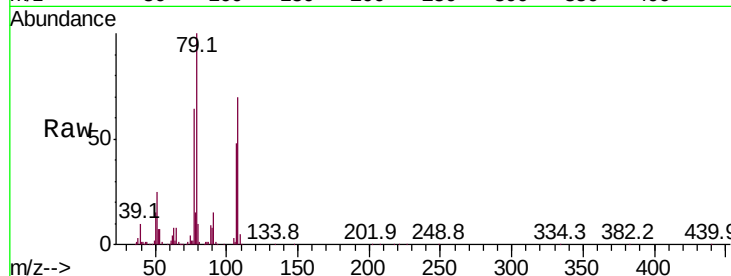




#15
Benzyl Alcohol
Concen: 44.237 ng
RT: 8.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

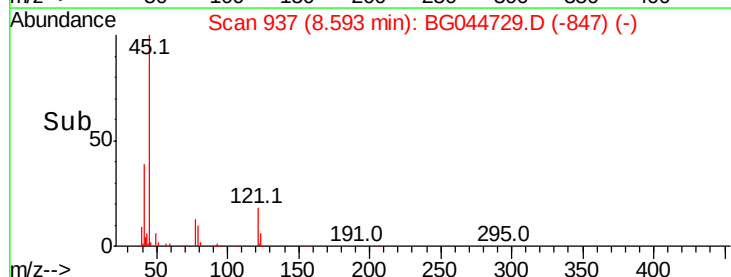
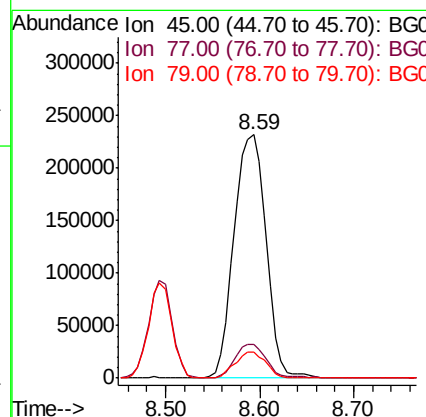
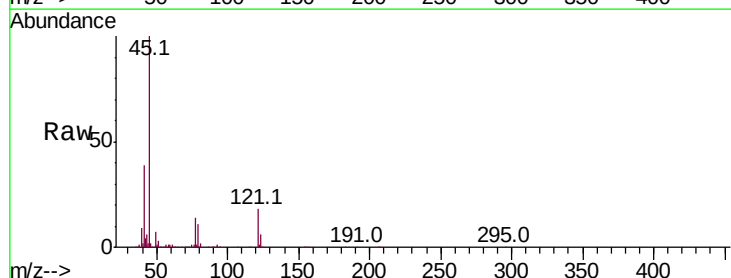
Instrument :
BNA_G
ClientSampleId :

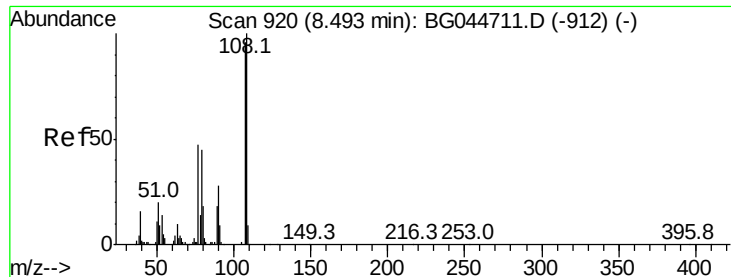
Tot Ion	Ratio	Lower	Upper
79	100		
108	69.9	55.4	83.0
77	63.6	52.2	78.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.971 ng
RT: 8.59 min Scan# 937
Delta R.T. 0.00 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.4
79	10.7	0.0	30.0

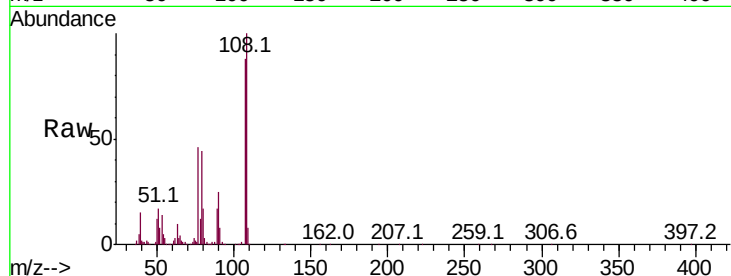




#17
2-Methylphenol
Concen: 46.558 ng
RT: 8.49 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	316115
Ion	Ratio	Lower	Upper
107	100		
108	113.1	83.2	124.8
77	51.6	39.0	58.6
79	50.2	37.6	56.4



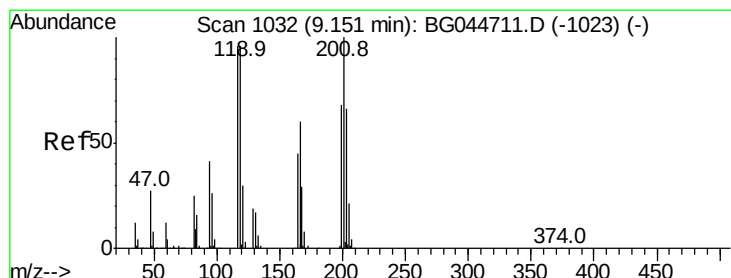
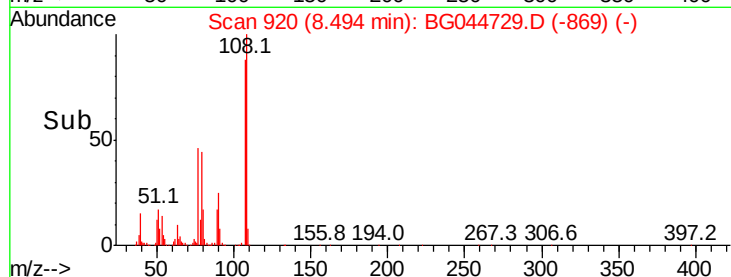
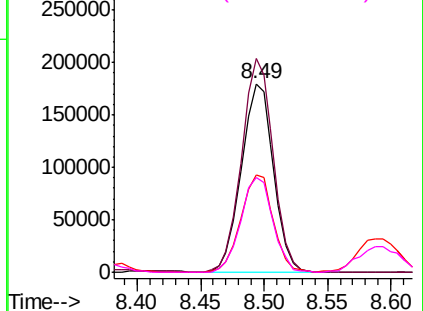
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

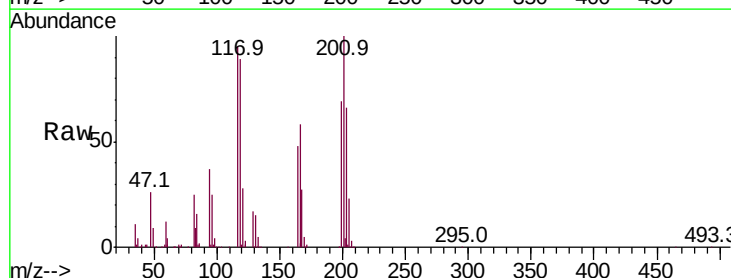
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.066 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

Tgt Ion:	117	Resp:	133630
Ion	Ratio	Lower	Upper
117	100		
119	93.6	80.2	120.4
201	105.1	83.4	125.2

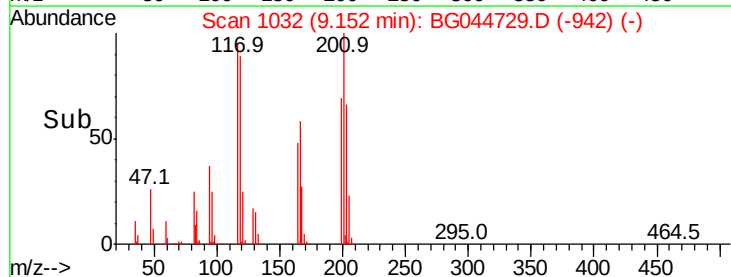
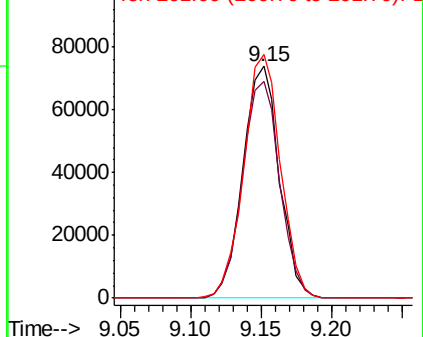


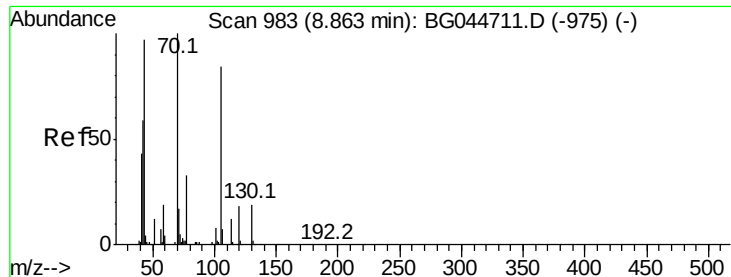
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.166 ng

RT: 8.86 min Scan# 983

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 287148

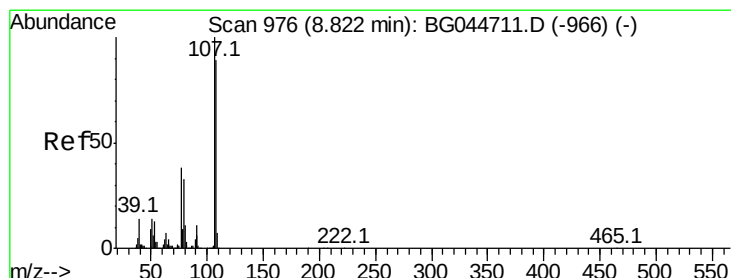
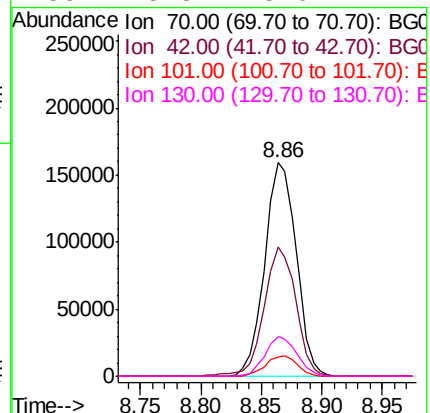
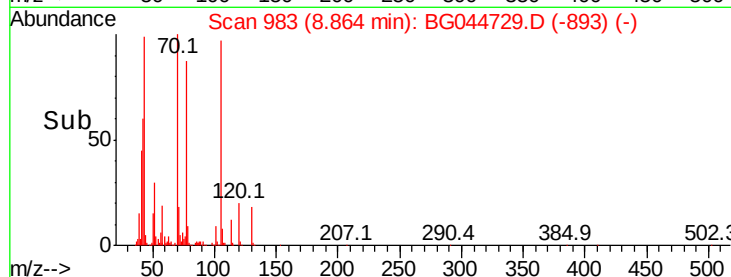
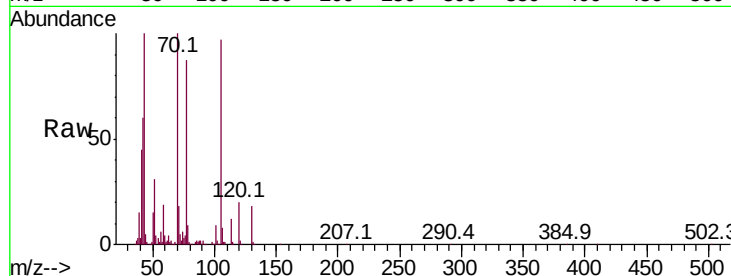
Ion Ratio Lower Upper

70 100

42 60.3 47.6 71.4

101 9.3 6.5 9.7

130 18.3 15.0 22.4



#20

3+4-Methylphenols

Concen: 46.483 ng

RT: 8.82 min Scan# 976

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Tgt Ion: 107 Resp: 435063

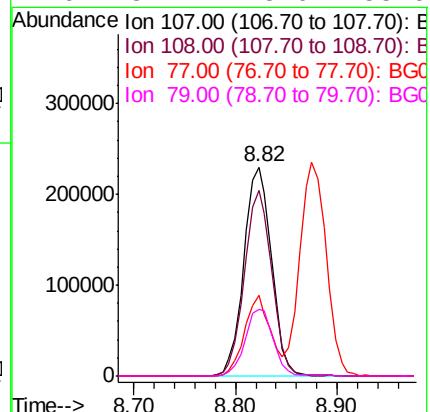
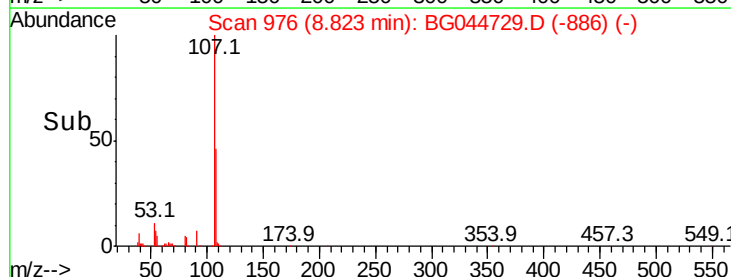
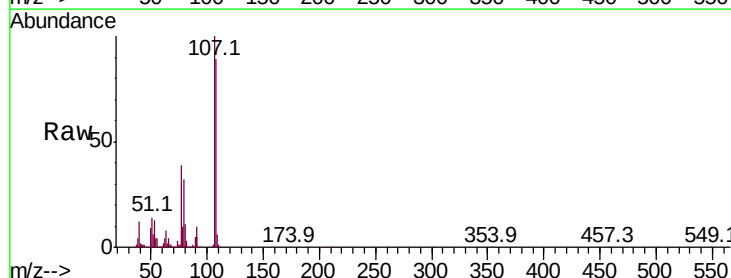
Ion Ratio Lower Upper

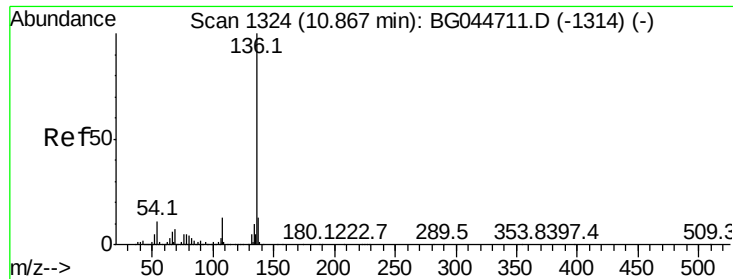
107 100

108 88.7 69.1 109.1

77 38.5 17.7 57.7

79 32.2 13.0 53.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 441565

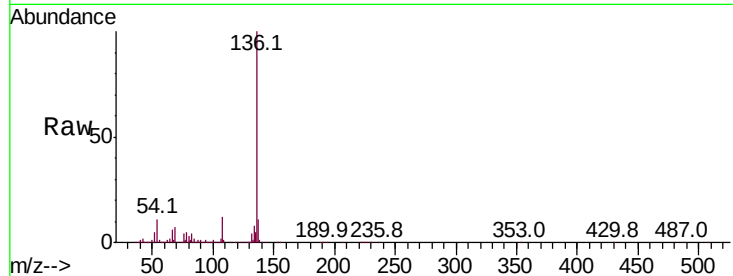
Ion Ratio Lower Upper

136 100

137 11.5 10.7 16.1

54 10.6 9.0 13.4

68 6.9 5.9 8.9

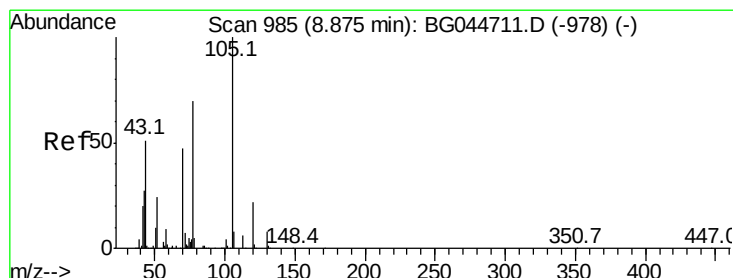
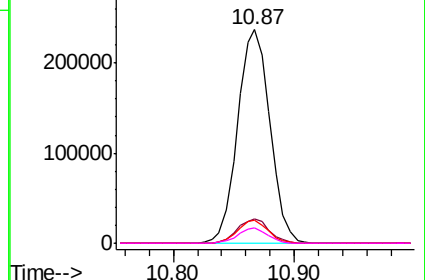
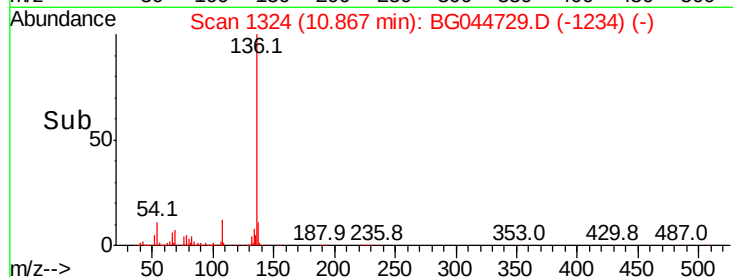


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.710 ng

RT: 8.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Tgt Ion:105 Resp: 509258

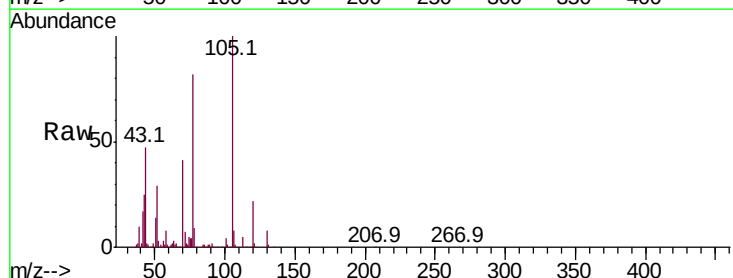
Ion Ratio Lower Upper

105 100

71 7.1 5.8 8.8

51 28.7 23.8 35.8

120 22.0 17.3 25.9

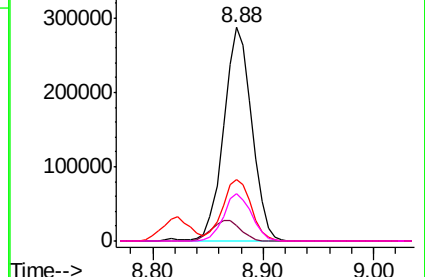
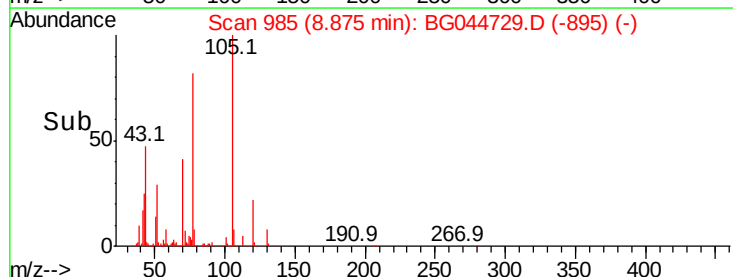


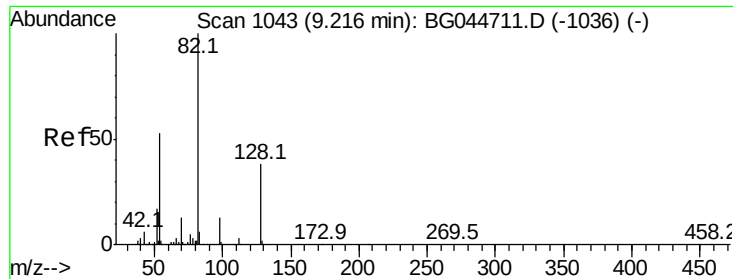
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

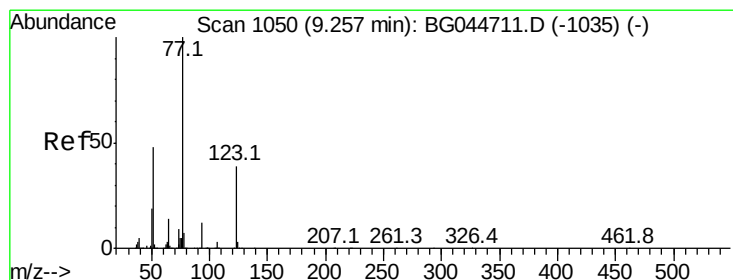
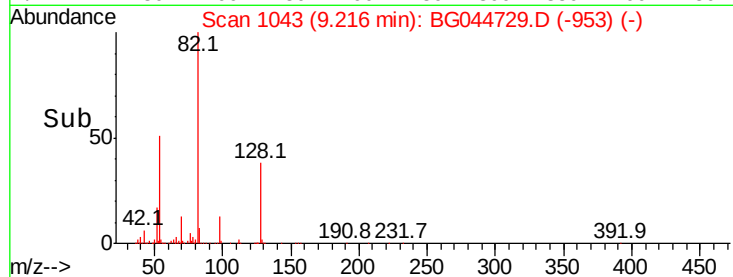
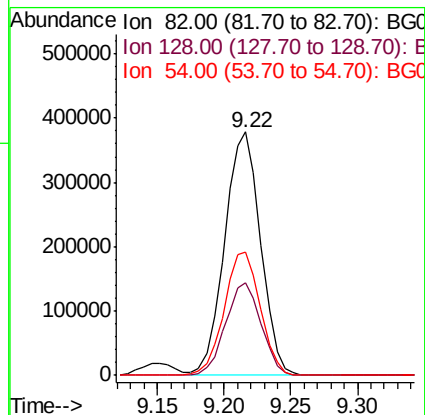
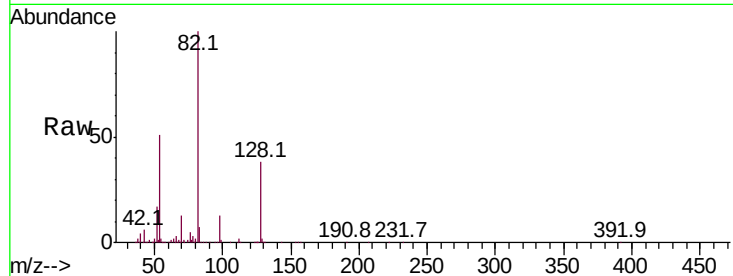




#23
 Nitrobenzene-d5
 Concen: 70.413 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG044729.D
 Acq: 12 Mar 2020 10:53

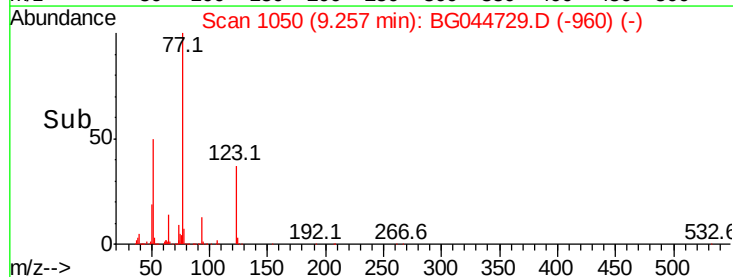
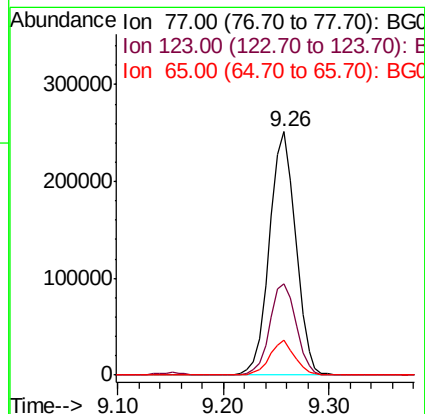
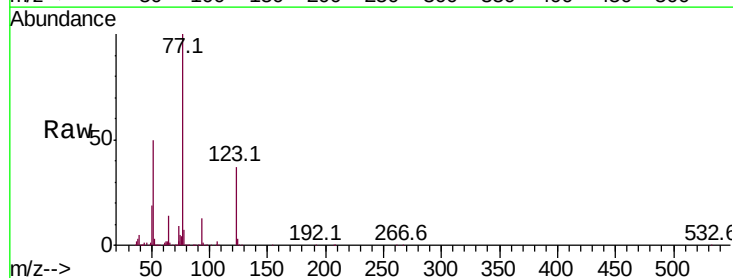
Instrument :
 BNA_G
 ClientSampleId :

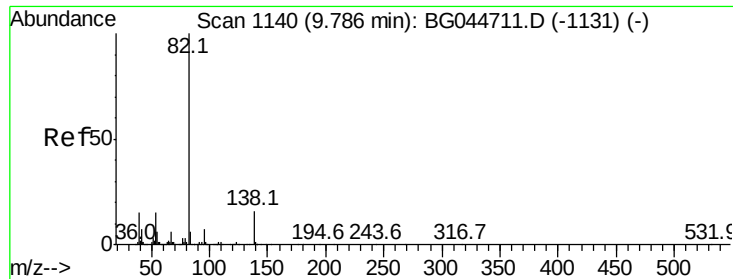
Tot Ion	82	Resp	708541
Ion Ratio	100	Lower	Upper
128	38.2	30.2	45.2
54	50.9	41.8	62.8



#24
 Nitrobenzene
 Concen: 41.640 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG044729.D
 Acq: 12 Mar 2020 10:53

Tgt Ion	77	Resp	434767
Ion Ratio	100	Lower	Upper
123	37.4	31.5	47.3
65	14.2	11.0	16.4





#25

Isophorone

Concen: 41.203 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampled :

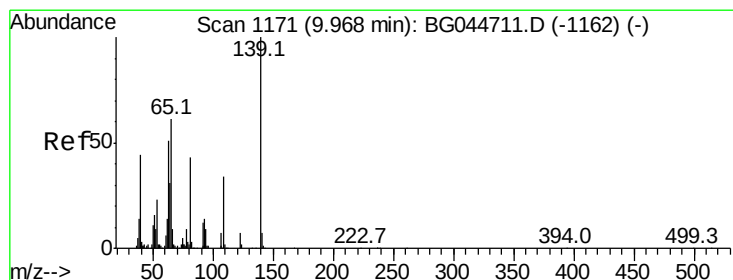
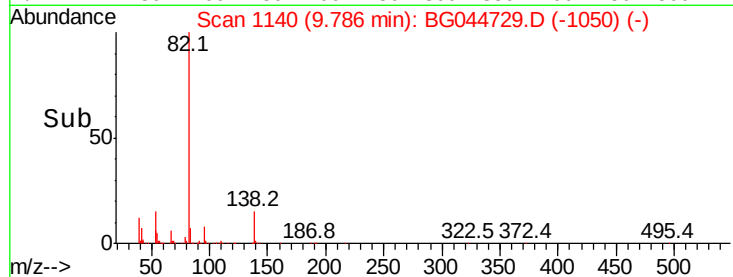
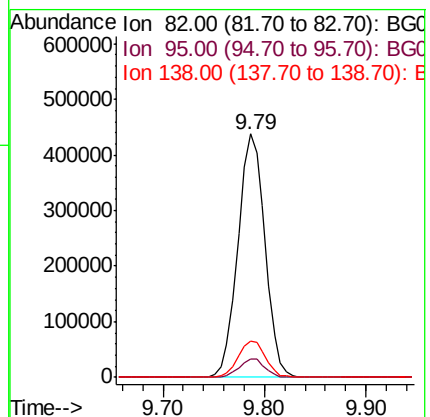
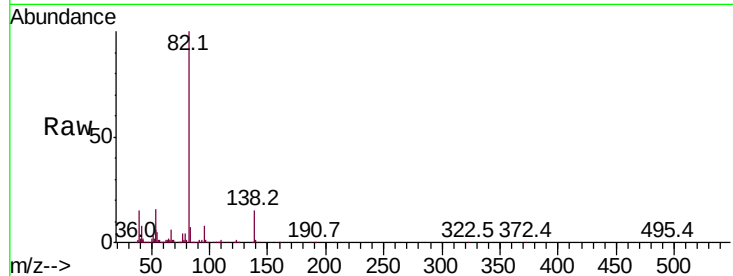
Tot Ion: 82 Resp: 809208

Ion Ratio Lower Upper

82 100

95 7.5 5.6 8.4

138 15.0 13.0 19.4



#26

2-Nitrophenol

Concen: 46.203 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

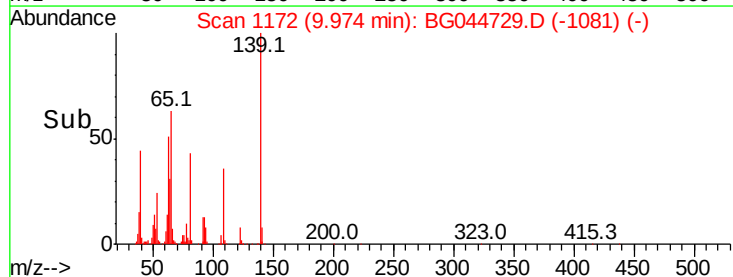
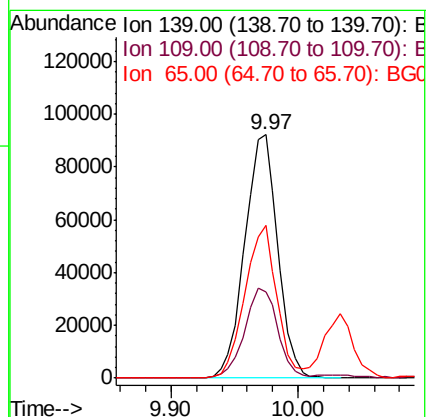
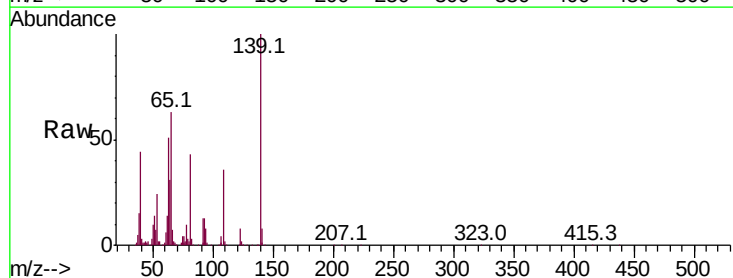
Tgt Ion: 139 Resp: 166633

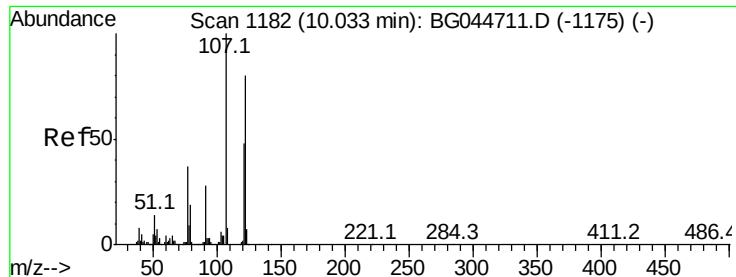
Ion Ratio Lower Upper

139 100

109 35.6 27.0 40.4

65 62.9 48.6 73.0

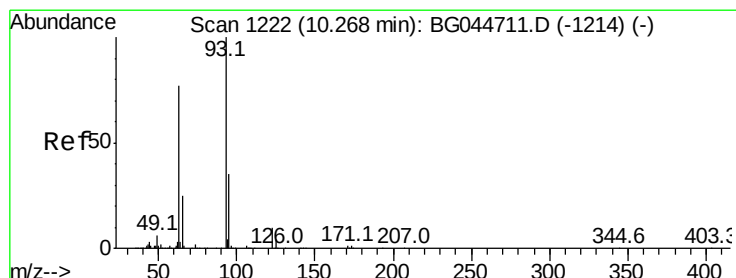
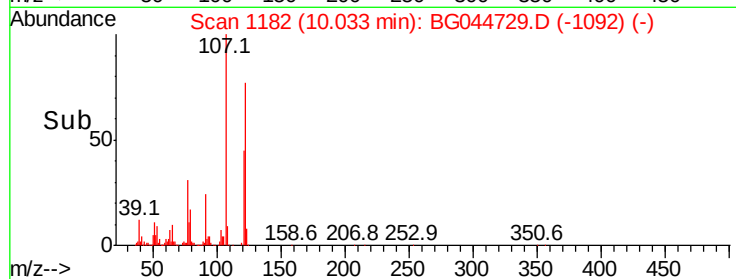
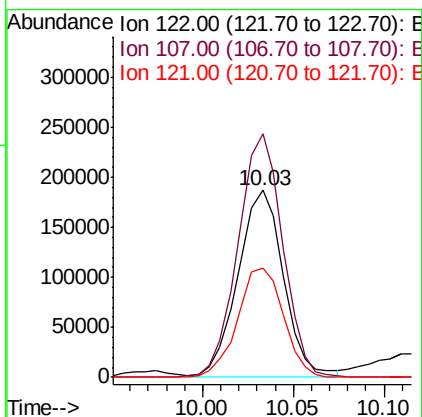
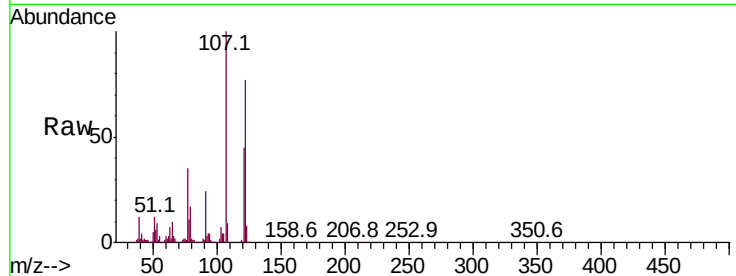




#27
2,4-Dimethylphenol
Concen: 51.032 ng
RT: 10.03 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

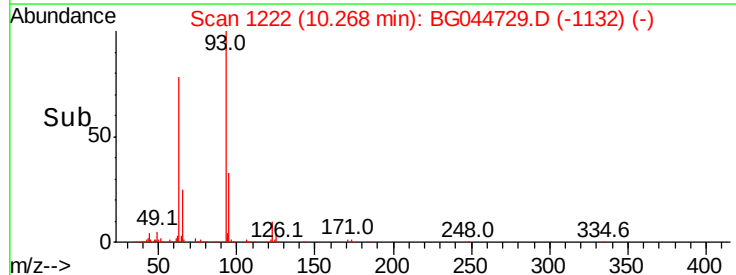
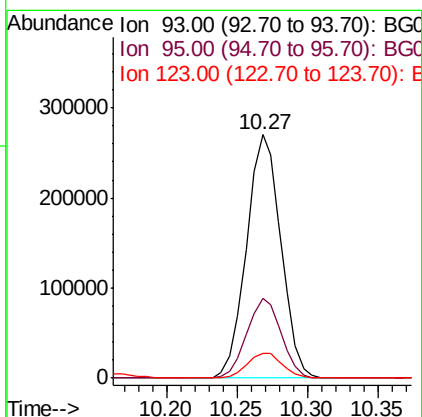
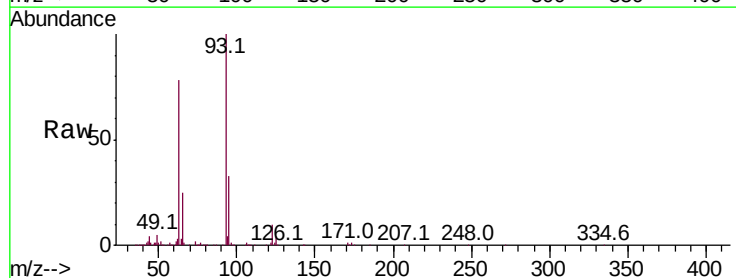
Instrument :
BNA_G
ClientSampleId :

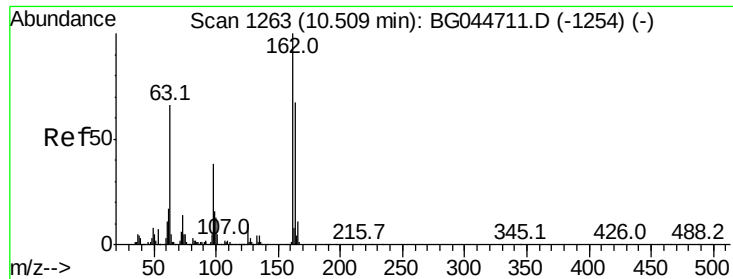
Tot Ion	Ratio	Lower	Upper
122	100		
107	130.4	99.0	148.6
121	58.3	47.6	71.4



#28
bis(2-Chloroethoxy)methane
Concen: 39.433 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.7	41.5
123	10.0	8.1	12.1

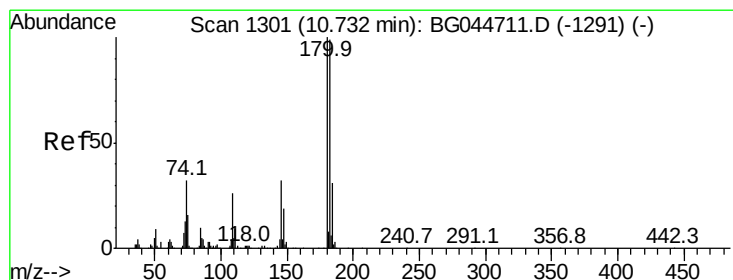
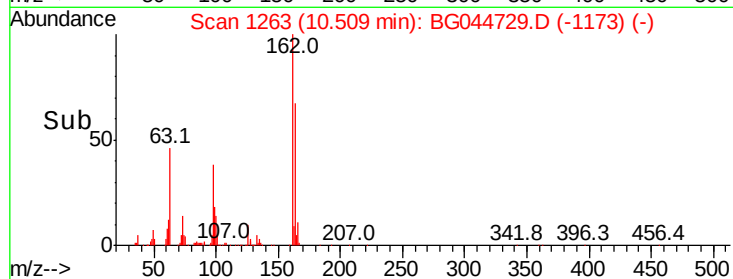
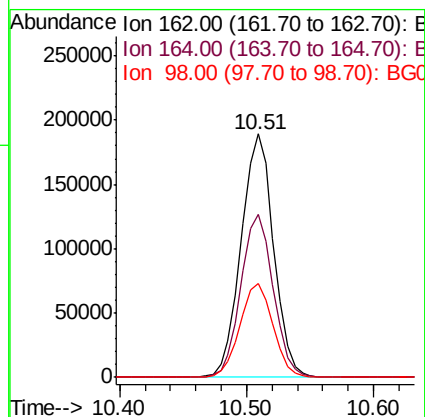
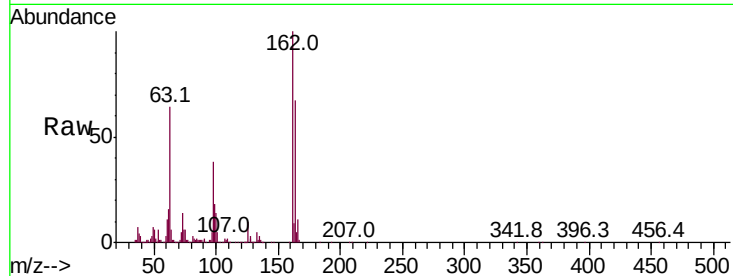




#29
 2,4-Dichlorophenol
 Concen: 45.045 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG044729.D
 Acq: 12 Mar 2020 10:53

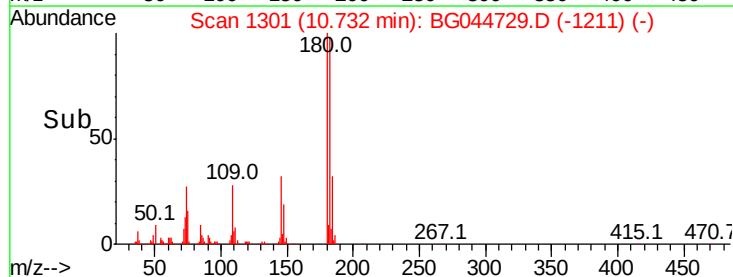
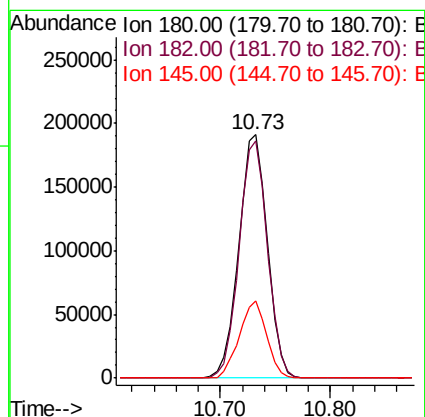
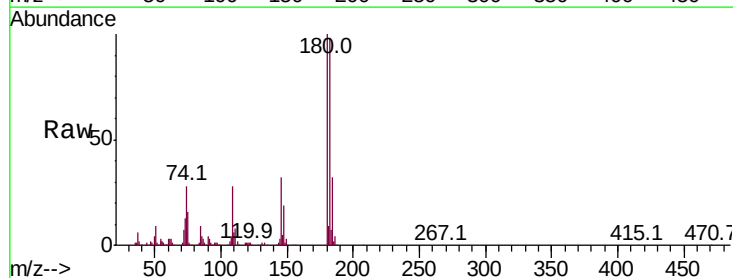
Instrument :
 BNA_G
 ClientSampleId :

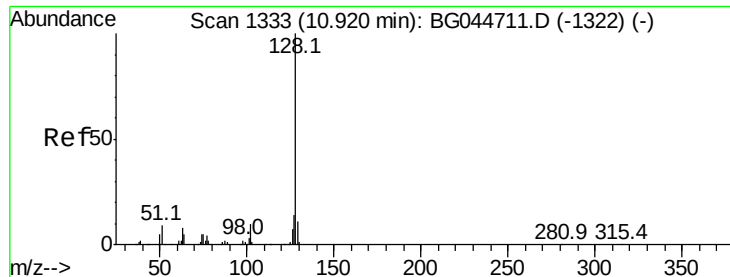
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.9	46.5	86.5
98	38.5	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.964 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG044729.D
 Acq: 12 Mar 2020 10:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	78.8	118.2
145	31.9	25.4	38.0

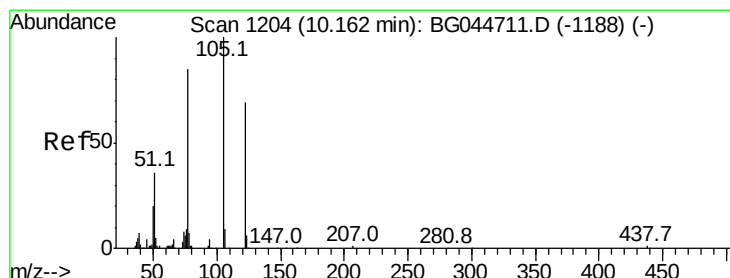
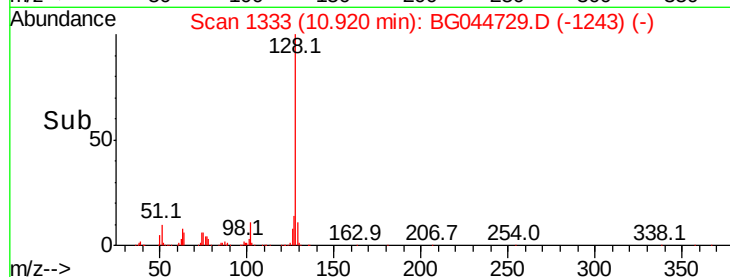
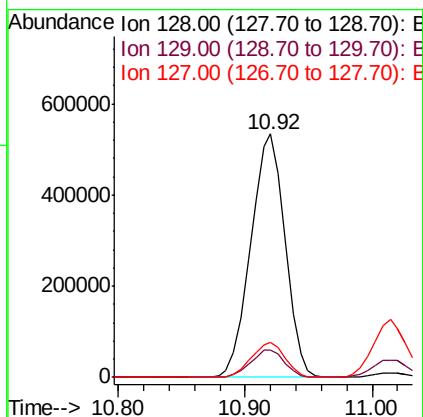
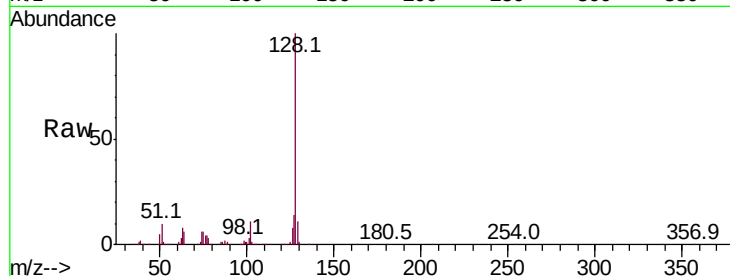




#31
Naphthalene
Concen: 40.981 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

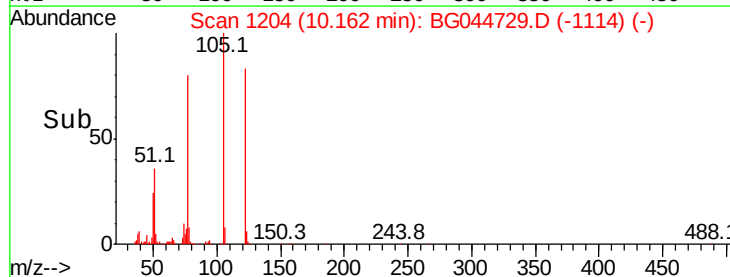
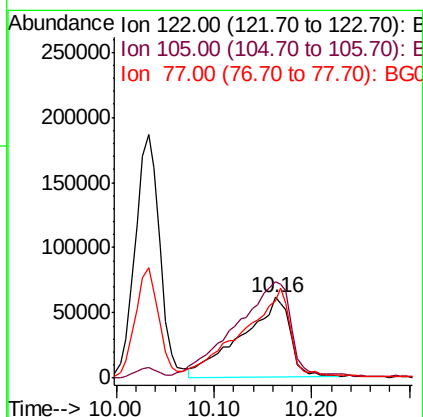
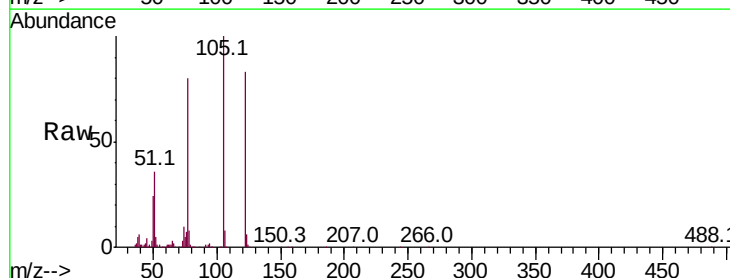
Instrument :
BNA_G
ClientSampleId :

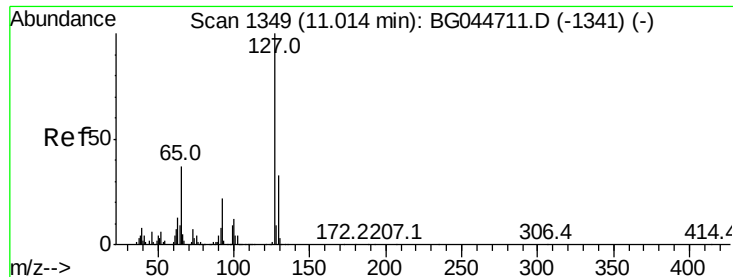
Tot Ion:128 Resp: 1002432
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 14.1 11.0 16.6



#32
Benzoic acid
Concen: 43.278 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

Tgt Ion:122 Resp: 209693
Ion Ratio Lower Upper
122 100
105 120.0 119.0 159.0
77 96.6 96.4 136.4

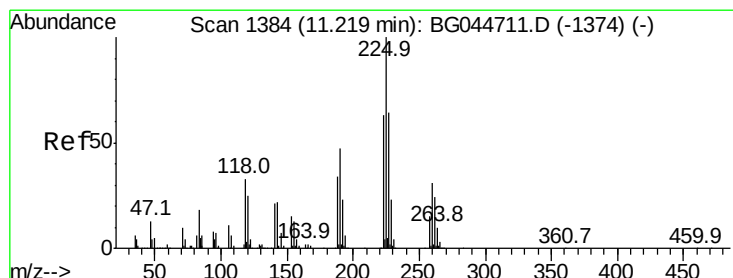
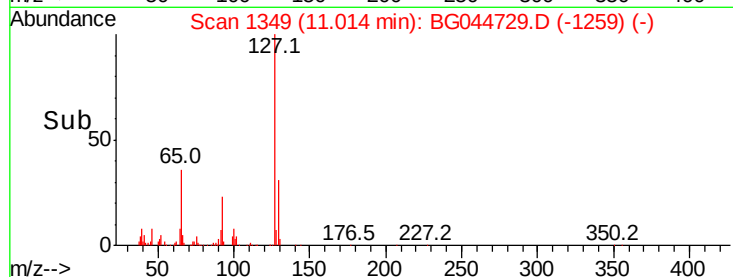
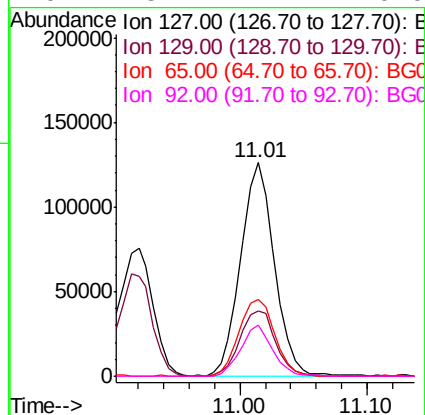
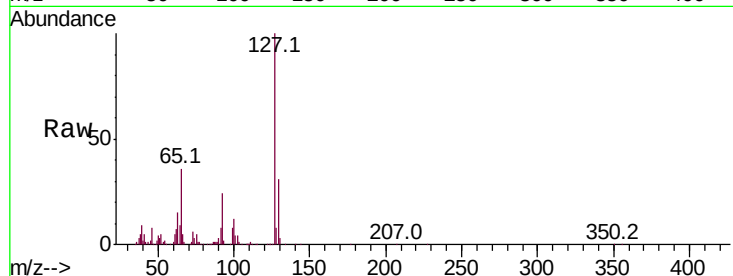




#33
4-Chloroaniline
Concen: 21.133 ng
RT: 11.01 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

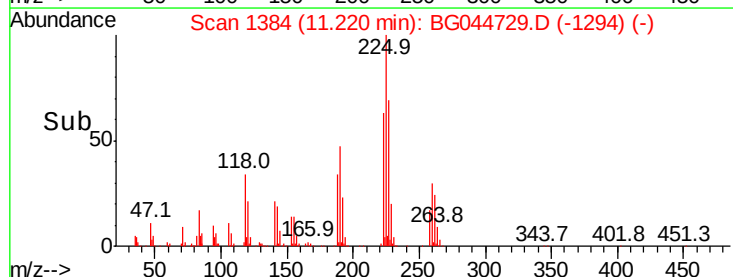
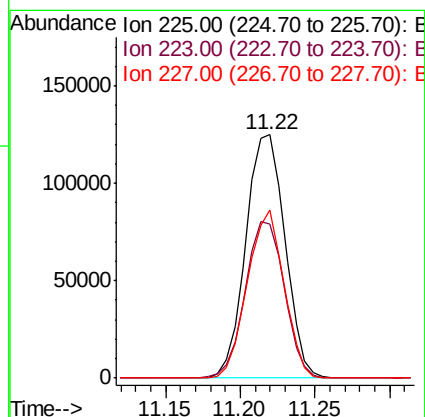
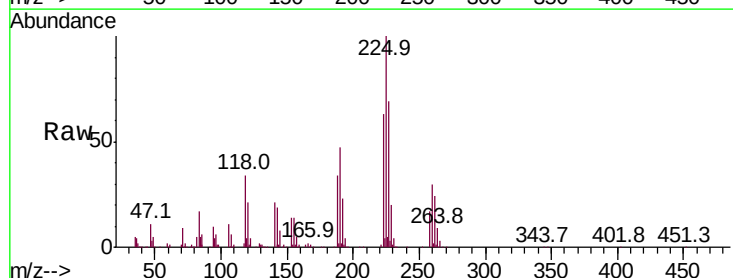
Instrument :
BNA_G
ClientSampleId :

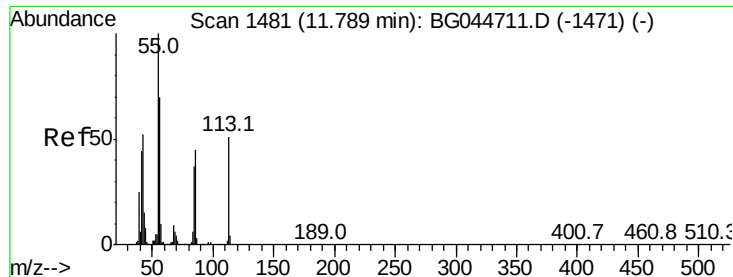
Tot Ion:	127	Resp:	232893
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.2	39.4
65	35.9	29.6	44.4
92	23.7	17.4	26.0



#34
Hexachlorobutadiene
Concen: 38.613 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

Tgt Ion:	225	Resp:	226812
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	69.1	51.6	77.4

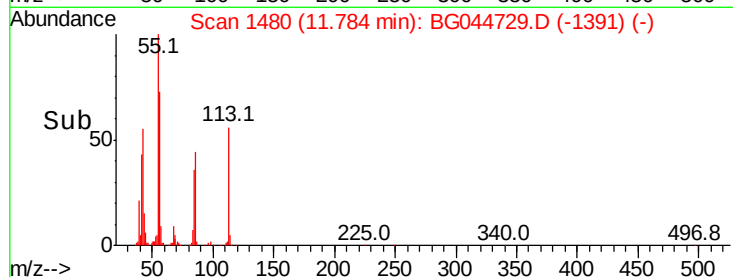
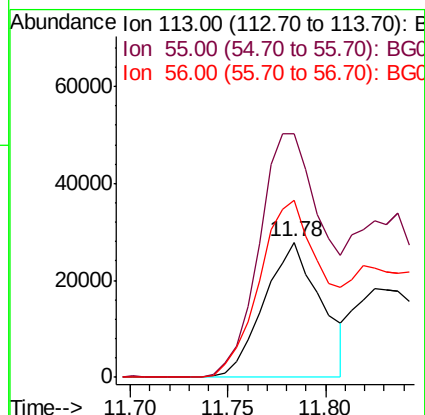
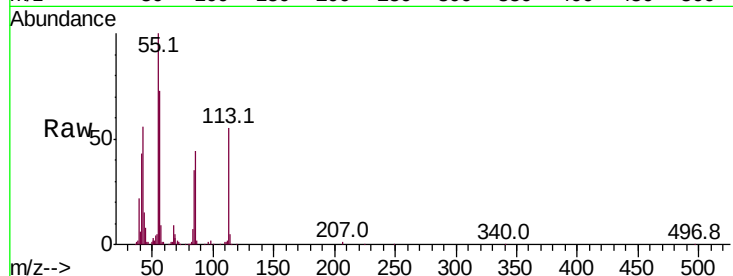




#35
 Caprolactam
 Concen: 19.887 ng
 RT: 11.78 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BG044729.D
 Acq: 12 Mar 2020 10:53

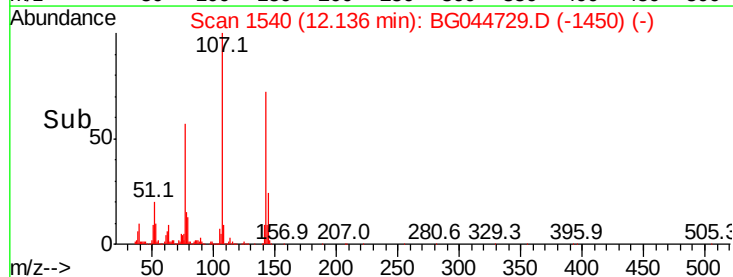
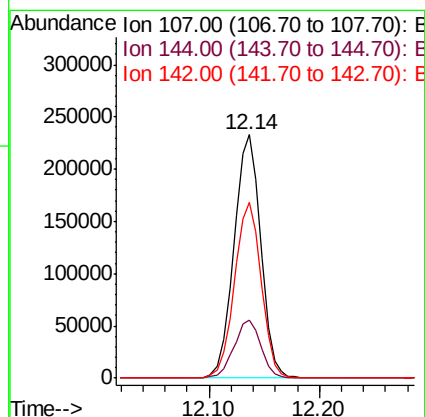
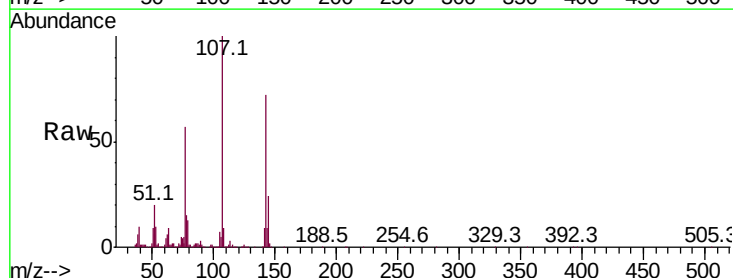
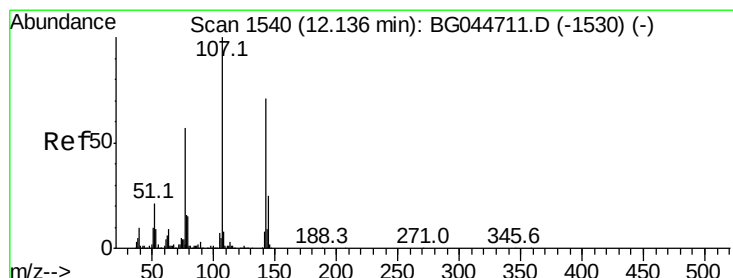
Instrument :
 BNA_G
 ClientSampled :

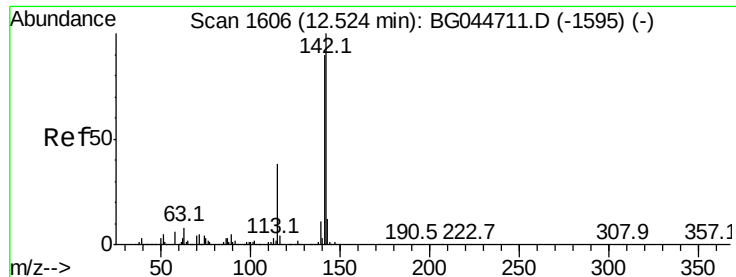
Tot Ion:113 Resp: 56246
 Ion Ratio Lower Upper
 113 100
 55 180.3 178.4 218.4
 56 131.4 117.7 157.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.480 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BG044729.D
 Acq: 12 Mar 2020 10:53

Tgt Ion:107 Resp: 396287
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.6 29.4
 142 72.4 56.5 84.7





#37

2-Methylnaphthalene

Concen: 41.121 ng

RT: 12.52 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampled :

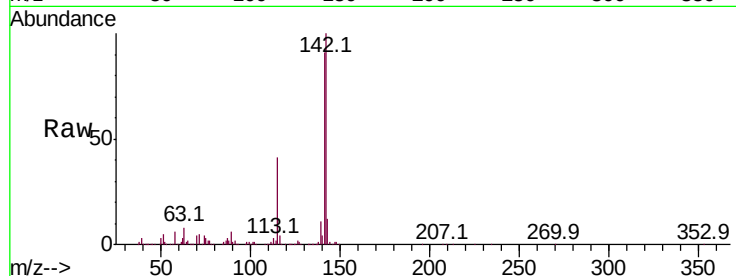
Tot Ion:142 Resp: 752401

Ion Ratio Lower Upper

142 100

141 91.3 72.3 108.5

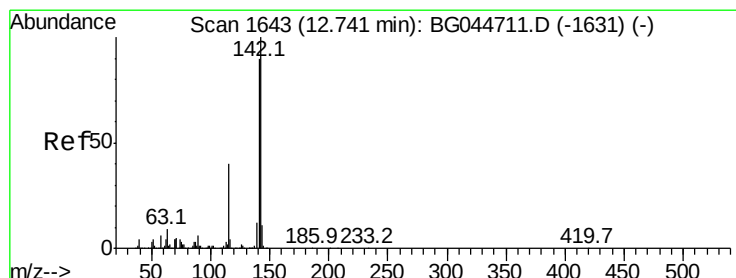
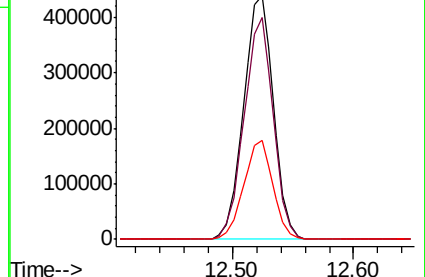
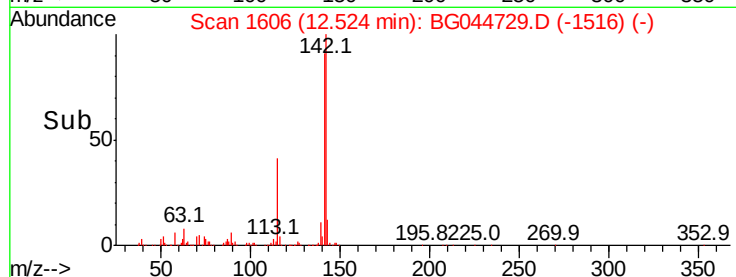
115 40.8 30.6 45.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.772 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

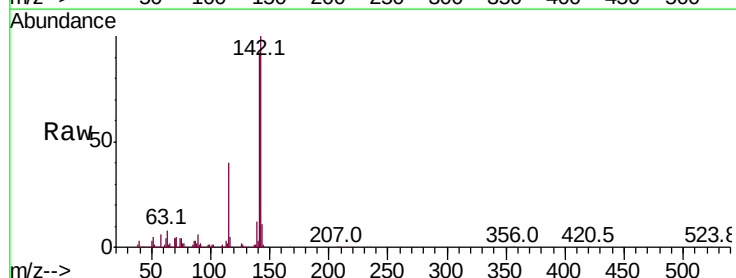
Tgt Ion:142 Resp: 718567

Ion Ratio Lower Upper

142 100

141 92.1 72.2 108.2

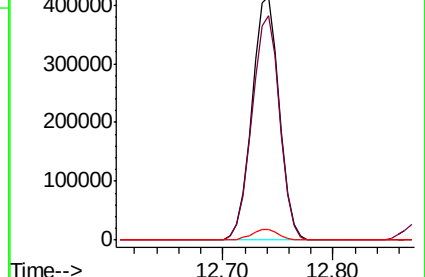
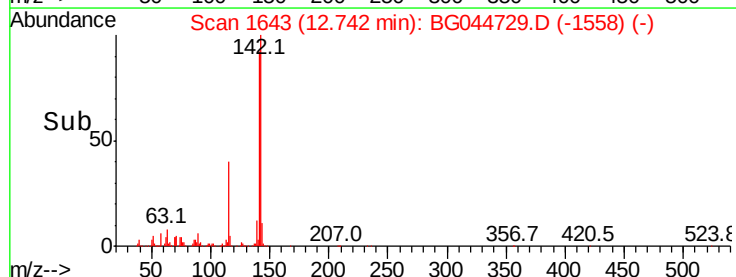
116 4.5 3.5 5.3

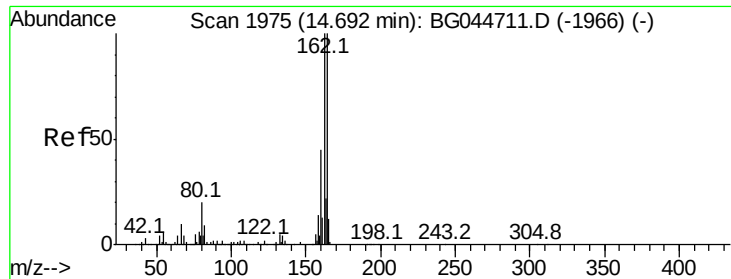


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

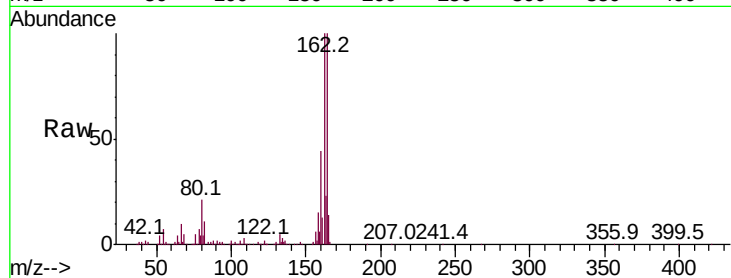
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 296393

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.2	120.4
160	44.0	36.2	54.2

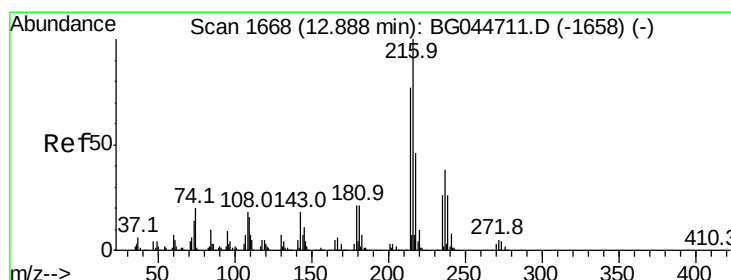
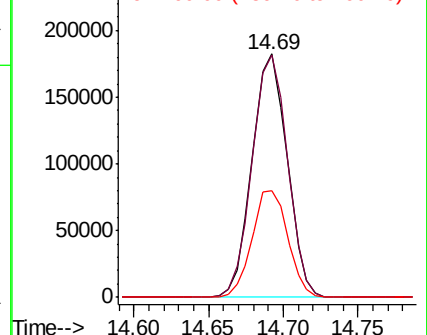
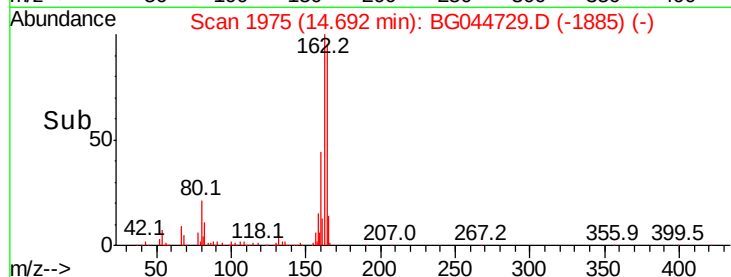


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.085 ng

RT: 12.89 min Scan# 1668

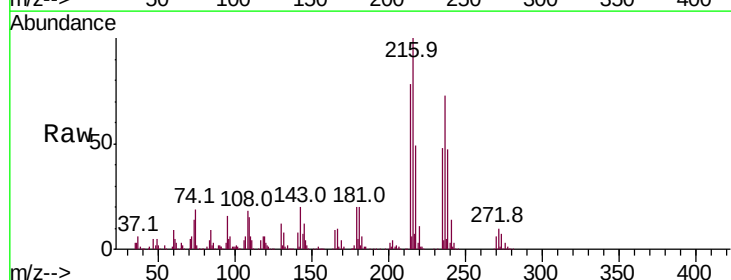
Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Tgt Ion:216 Resp: 391279

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	20.7	16.6	24.8
108	20.9	15.6	23.4



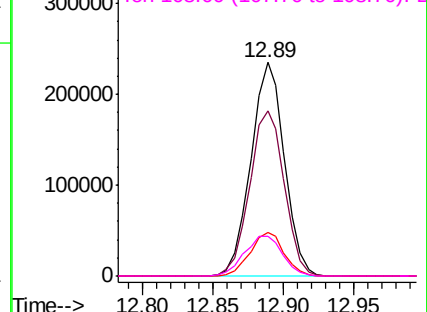
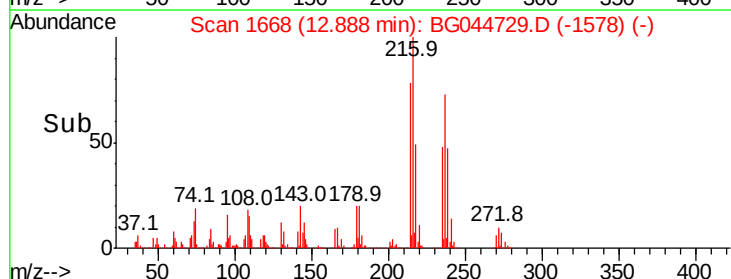
Abundance

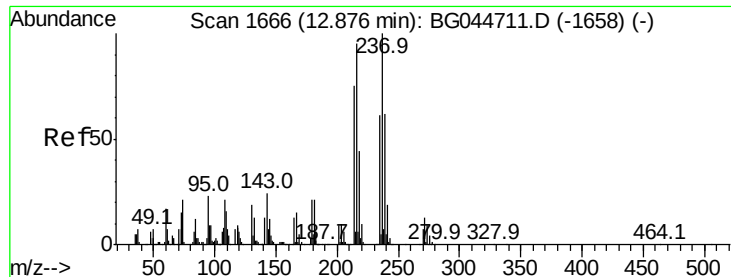
Ion 216.00 (215.70 to 216.70): E

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: 84.404 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampleId :

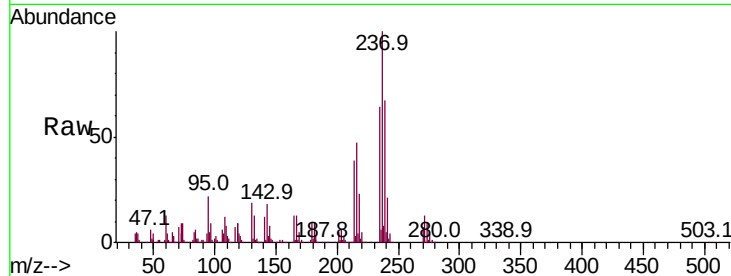
Tot Ion:237 Resp: 450252

Ion Ratio Lower Upper

237 100

235 64.4 40.6 80.6

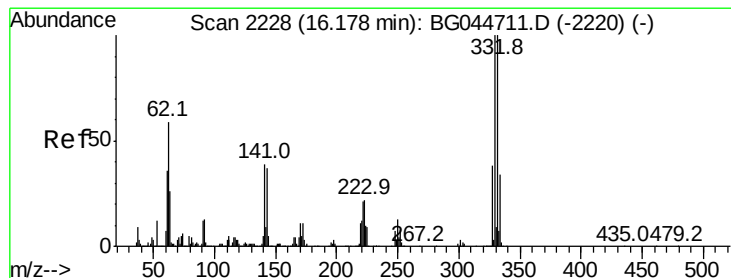
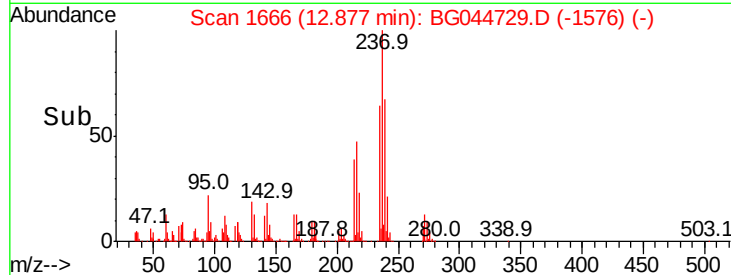
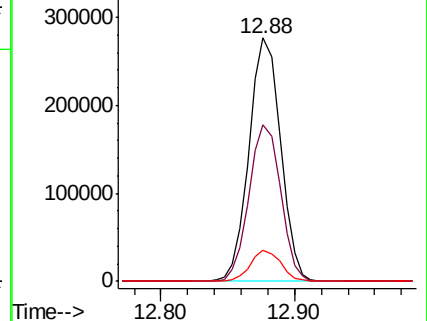
272 12.7 0.0 32.5



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: 119.080 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

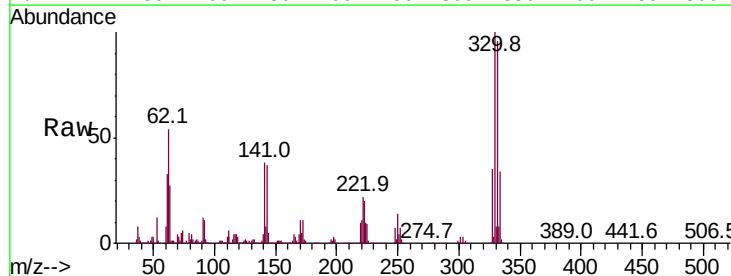
Tgt Ion:330 Resp: 462128

Ion Ratio Lower Upper

330 100

332 98.4 77.5 116.3

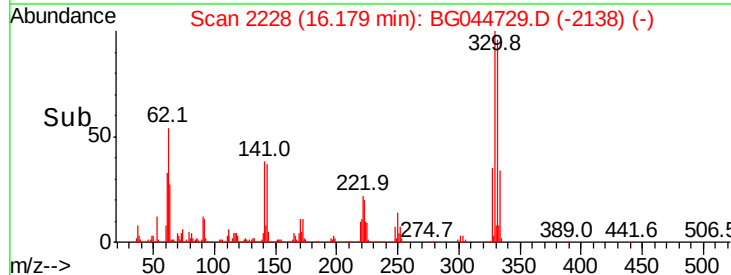
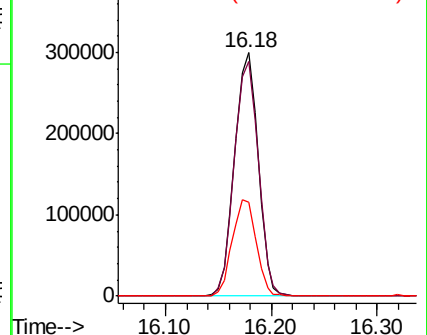
141 40.1 31.7 47.5

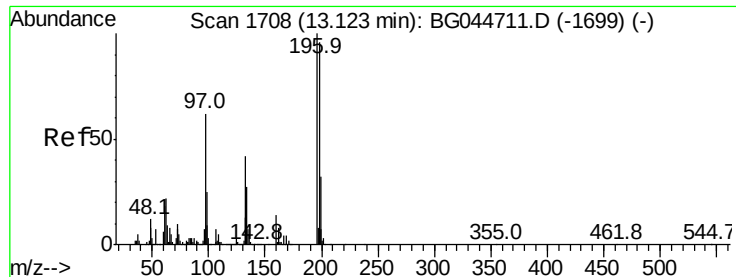


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

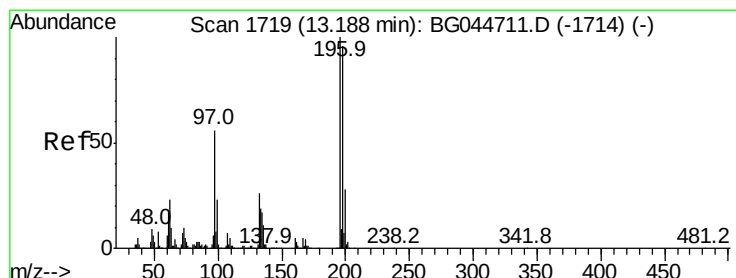
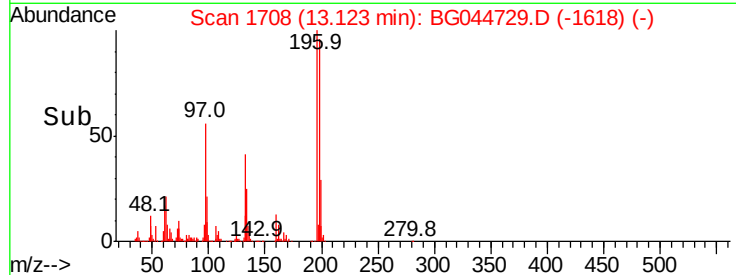
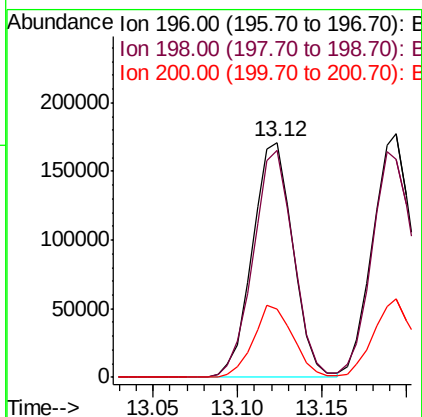
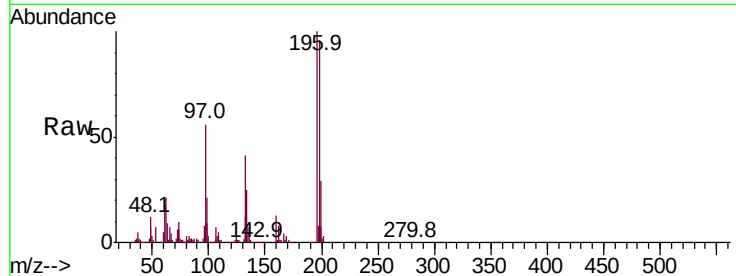




#43
 2,4,6-Trichlorophenol
 Concen: 44.122 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG044729.D
 Acq: 12 Mar 2020 10:53

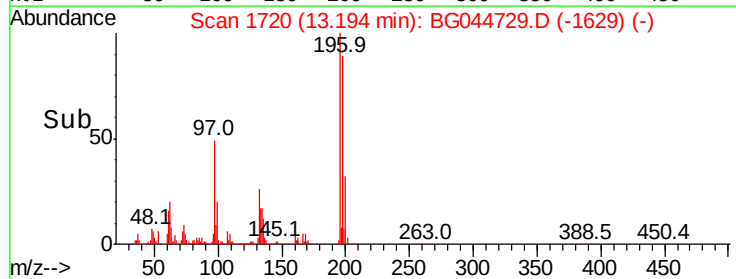
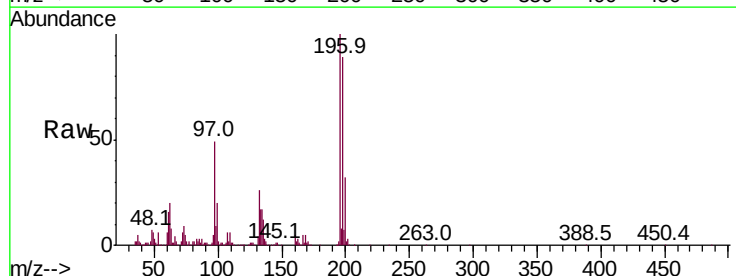
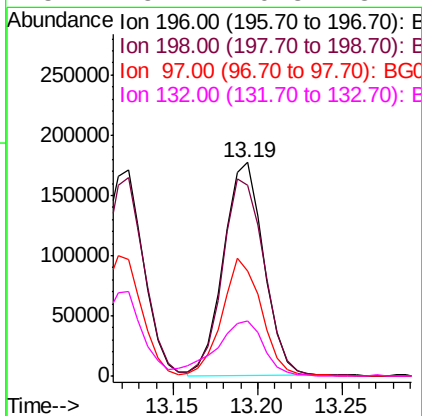
Instrument :
 BNA_G
 ClientSampled :

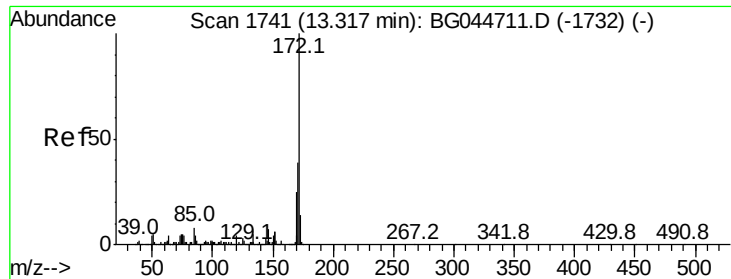
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.5	114.7
200	29.2	25.9	38.9



#44
 2,4,5-Trichlorophenol
 Concen: 43.662 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BG044729.D
 Acq: 12 Mar 2020 10:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	89.4	77.3	115.9
97	49.2	44.9	67.3
132	25.7	20.8	31.2



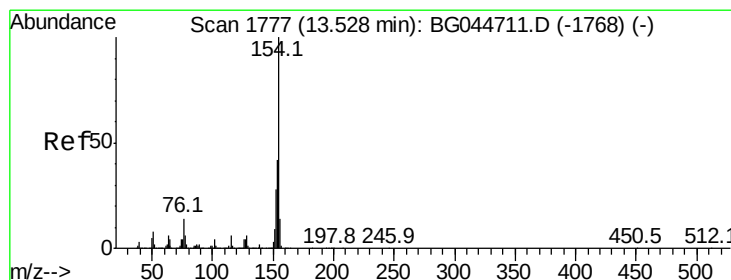
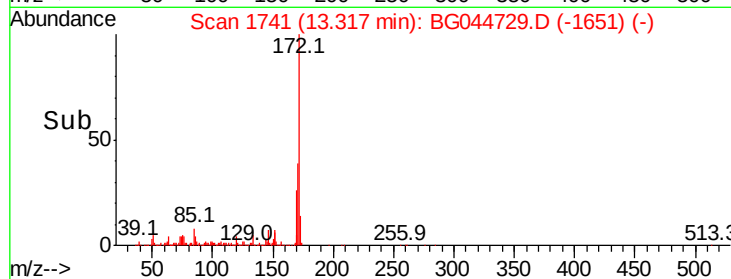
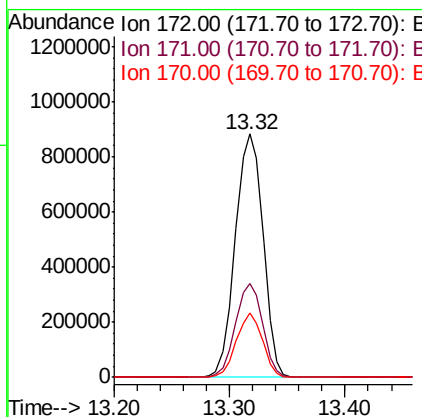
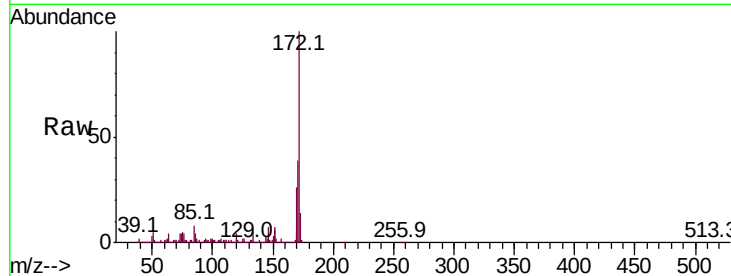


#45
 2-Fluorobiphenyl
 Concen: 70.861 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG044729.D
 Acq: 12 Mar 2020 10:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1466627

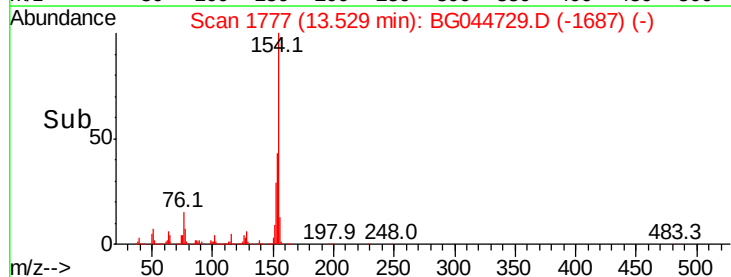
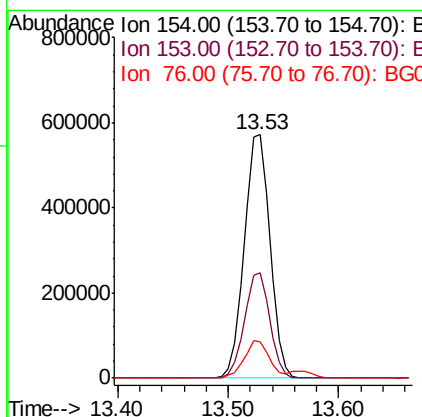
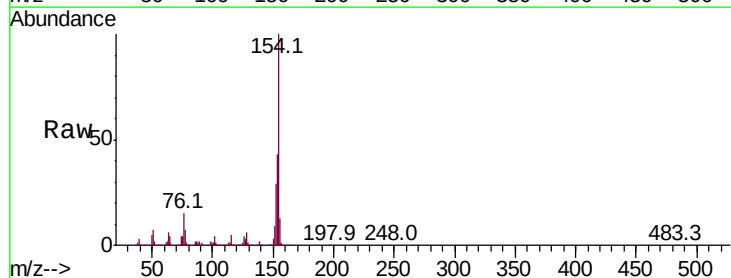
Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.8	46.2
170	26.4	20.0	30.0

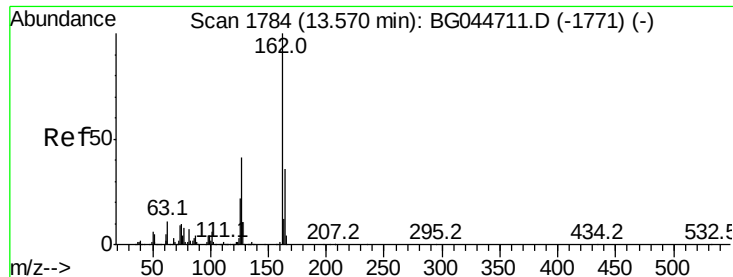


#46
 1,1'-Biphenyl
 Concen: 39.610 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BG044729.D
 Acq: 12 Mar 2020 10:53

Tgt Ion:154 Resp: 938189

Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.0	62.0
76	15.1	0.0	34.2

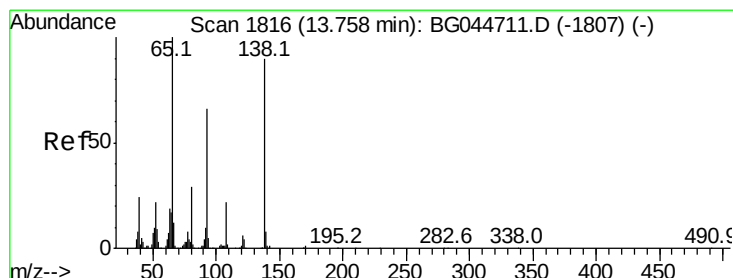
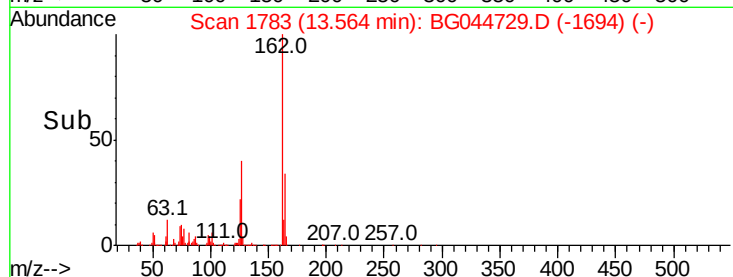
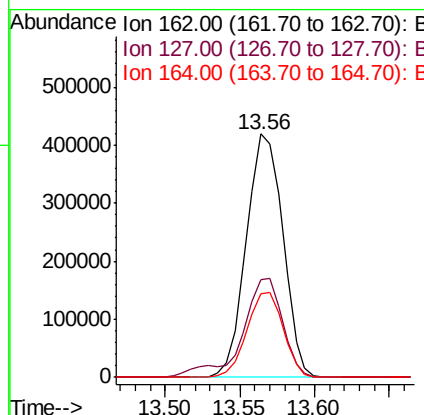
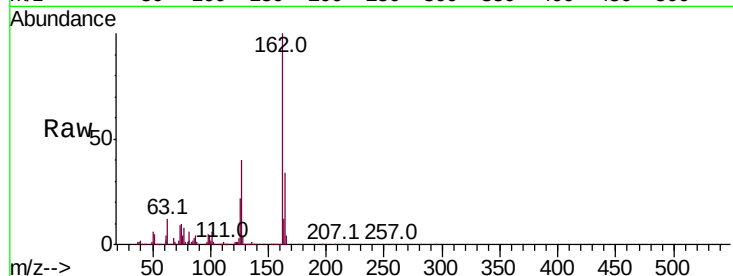




#47
2-Chloronaphthalene
Concen: 39.306 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

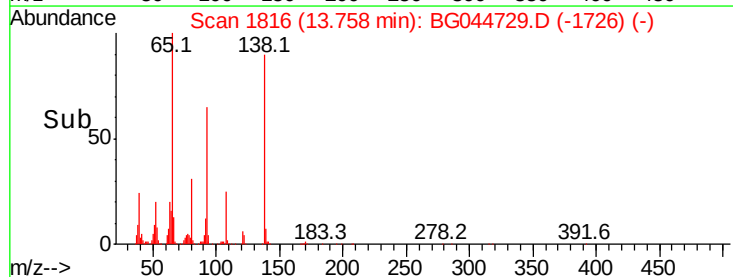
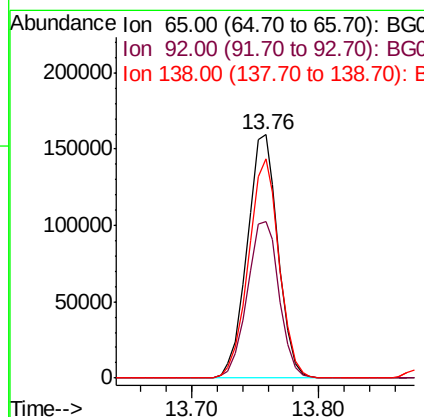
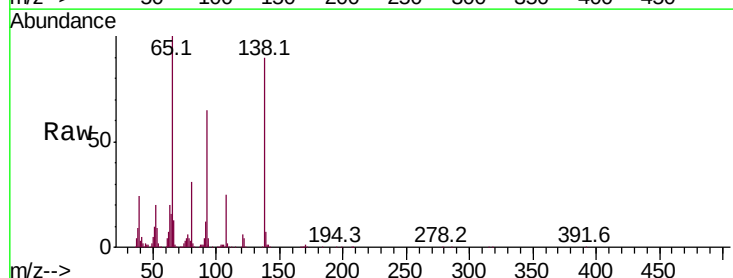
Instrument :
BNA_G
ClientSampled :

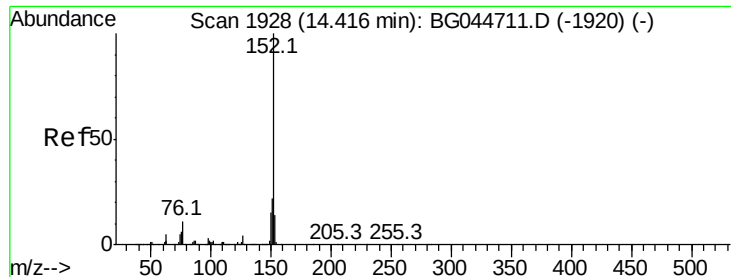
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.6	48.8
164	34.4	29.0	43.4



#48
2-Nitroaniline
Concen: 42.598 ng
RT: 13.76 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.5	52.6	79.0
138	90.0	71.8	107.6





#49

Acenaphthylene

Concen: 41.910 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampleId :

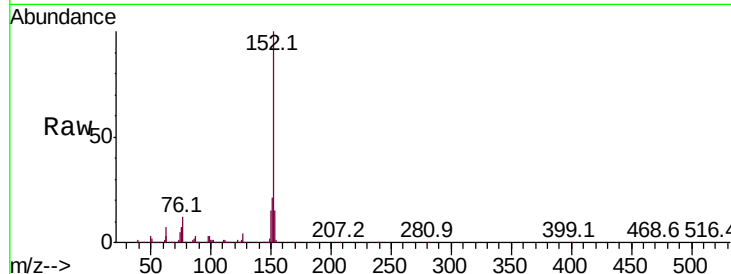
Tot Ion:152 Resp: 1187993

Ion Ratio Lower Upper

152 100

151 21.4 17.8 26.8

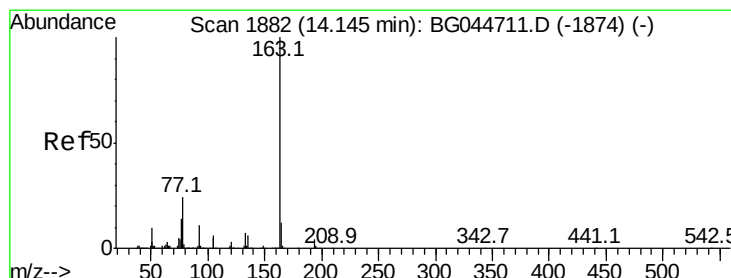
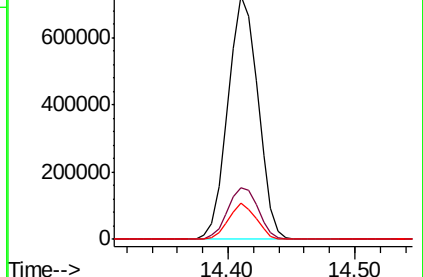
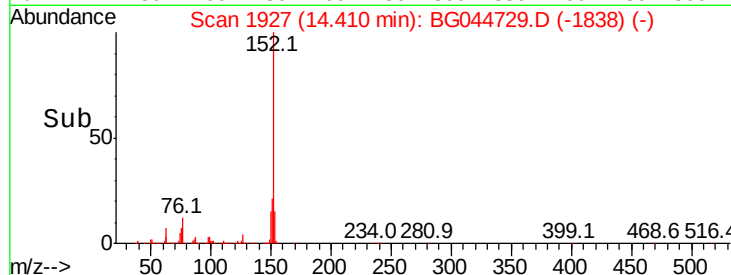
153 14.8 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.472 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

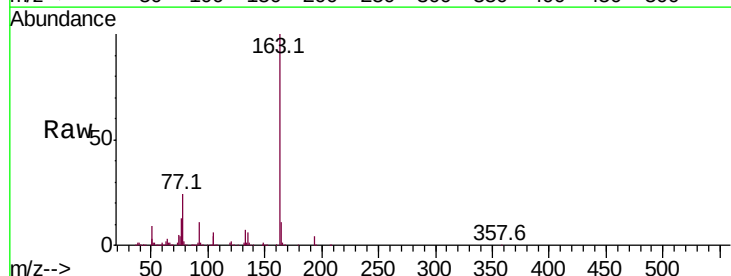
Tgt Ion:163 Resp: 955391

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

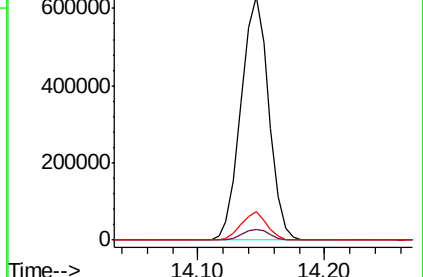
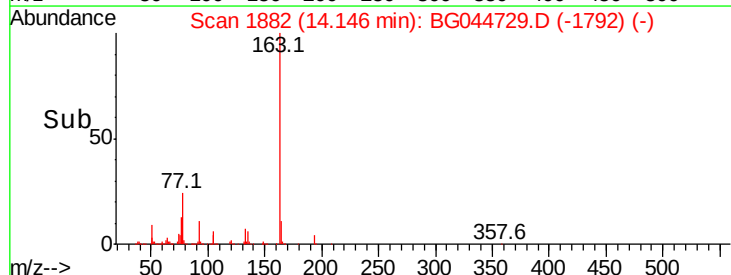
164 11.5 9.2 13.8

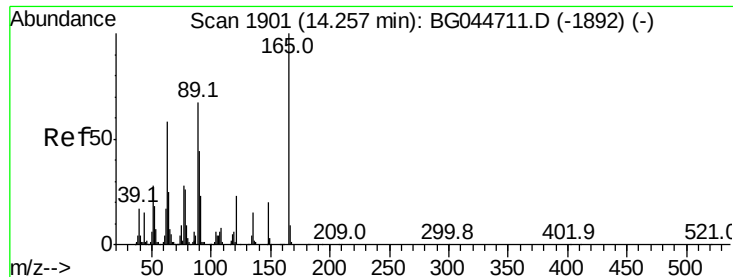


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.453 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampleId :

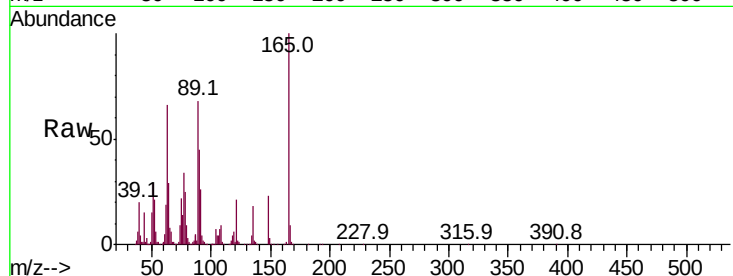
Tot Ion:165 Resp: 211523

Ion Ratio Lower Upper

165 100

63 66.3 48.9 73.3

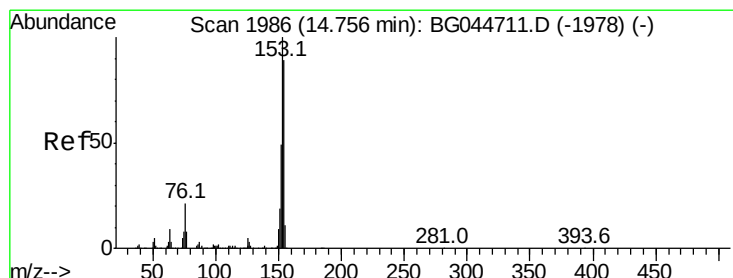
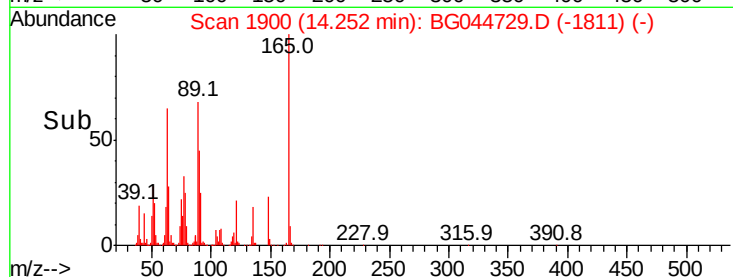
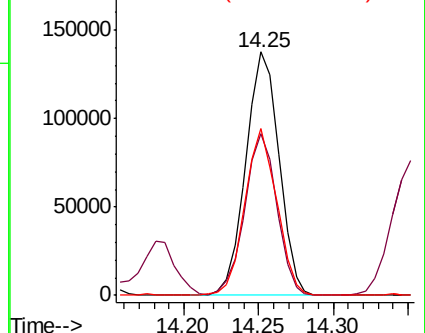
89 68.4 53.8 80.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 44.958 ng

RT: 14.76 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

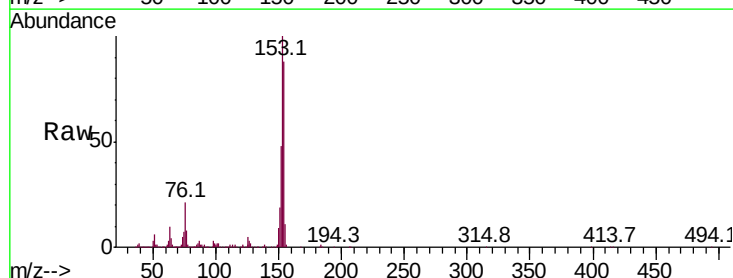
Tgt Ion:154 Resp: 834616

Ion Ratio Lower Upper

154 100

153 113.1 89.8 134.8

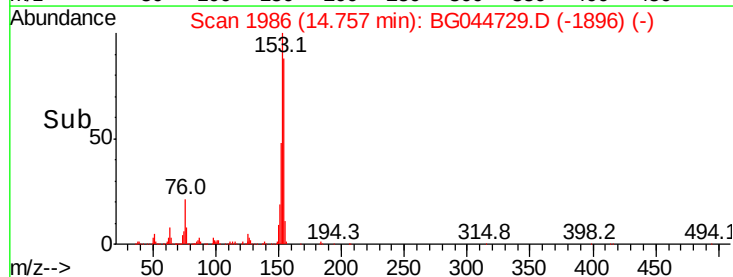
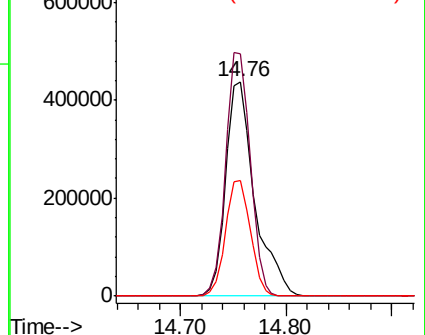
152 54.1 44.4 66.6

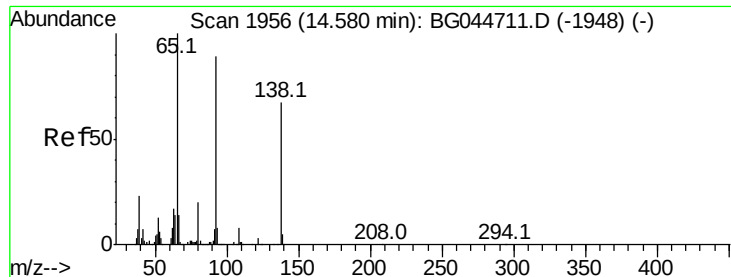


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 28.549 ng

RT: 14.58 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampleId :

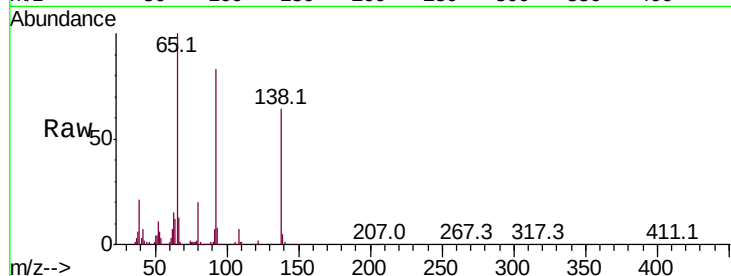
Tot Ion:138 Resp: 156180

Ion Ratio Lower Upper

138 100

108 11.0 9.2 13.8

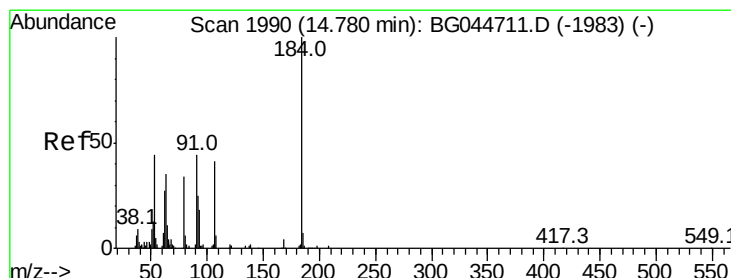
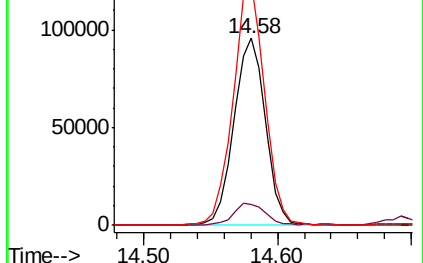
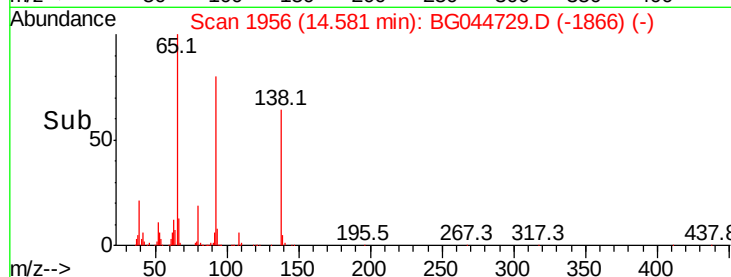
92 130.2 105.6 158.4



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: 85.907 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

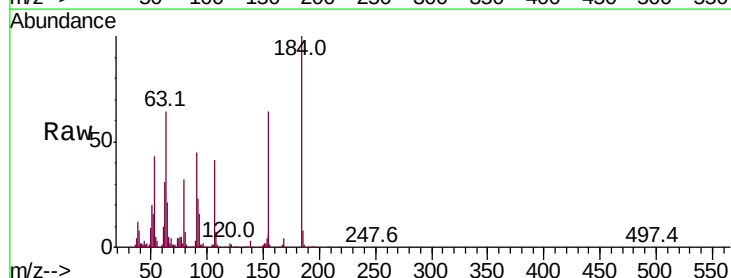
Tgt Ion:184 Resp: 215310

Ion Ratio Lower Upper

184 100

63 64.3 49.0 73.6

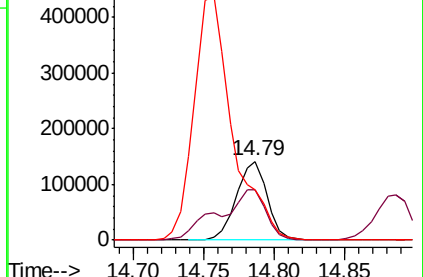
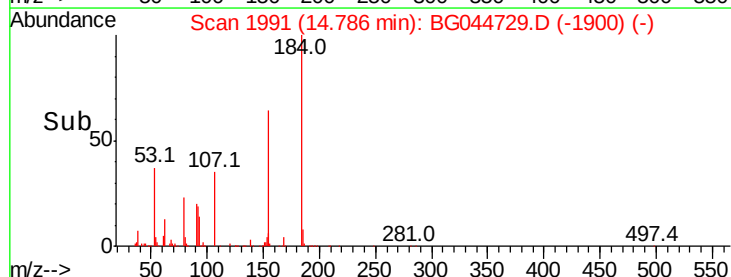
154 64.0 94.5 141.7#

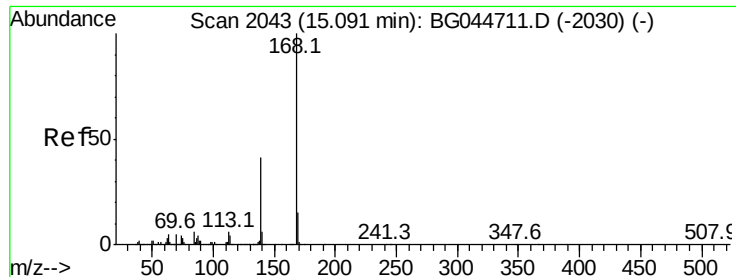


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.693 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampleId :

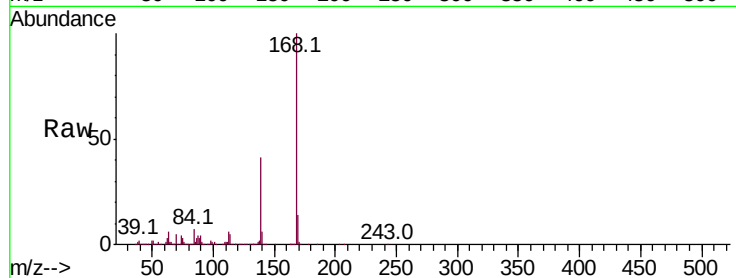
Tot Ion:168 Resp: 1122396

Ion Ratio Lower Upper

168 100

139 41.4 32.6 49.0

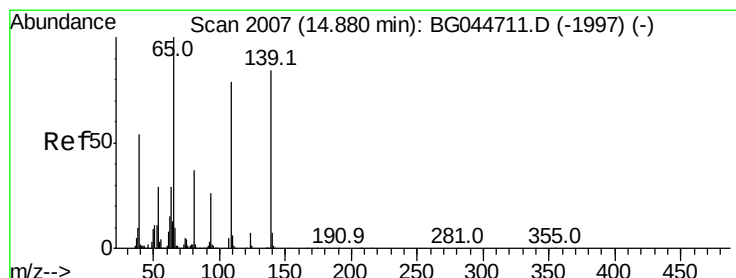
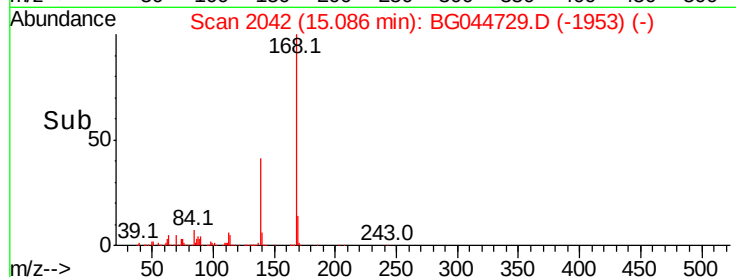
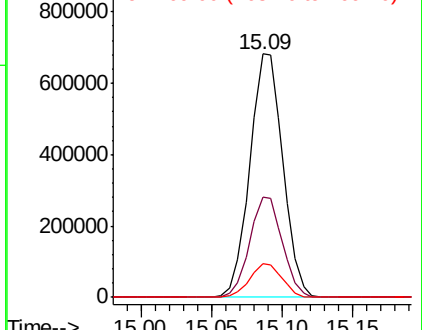
169 14.0 11.8 17.6



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: 95.267 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

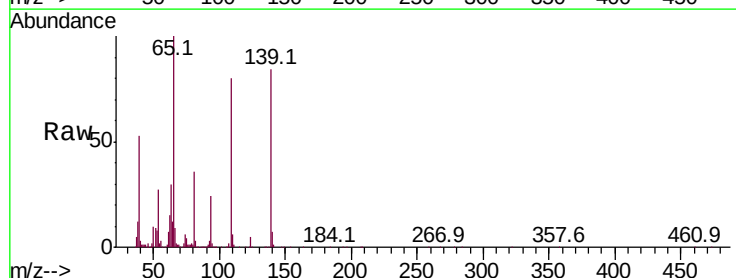
Tgt Ion:139 Resp: 397746

Ion Ratio Lower Upper

139 100

109 95.1 74.1 114.1

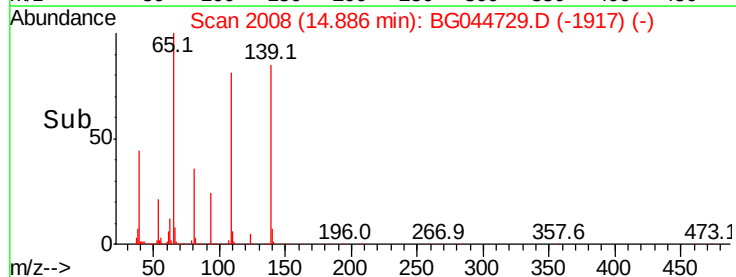
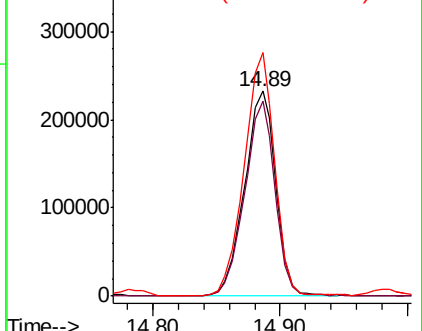
65 119.0 98.6 138.6

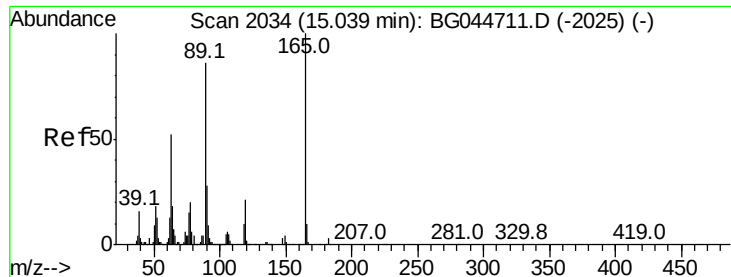


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

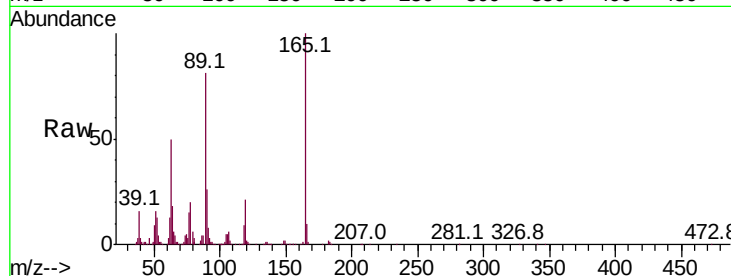




#57
2,4-Dinitrotoluene
Concen: 44.338 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.3	41.5	62.3
89	80.7	69.0	103.4
182	2.3	2.7	4.1#



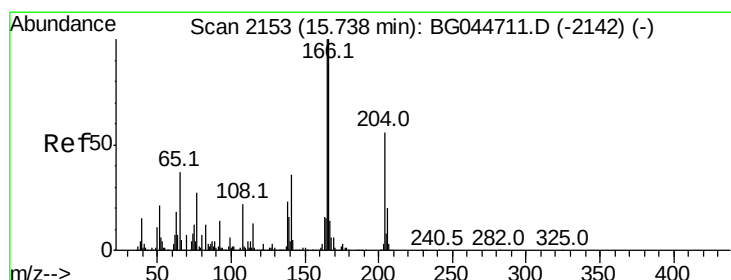
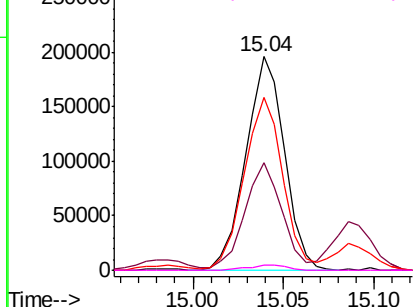
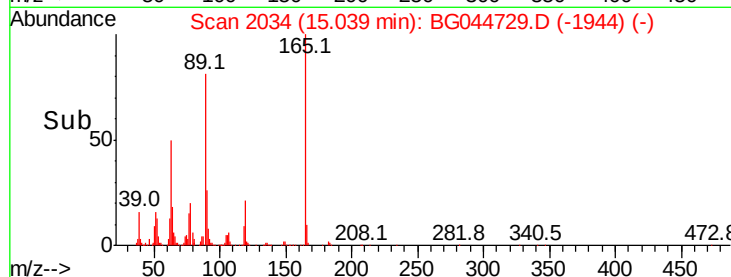
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

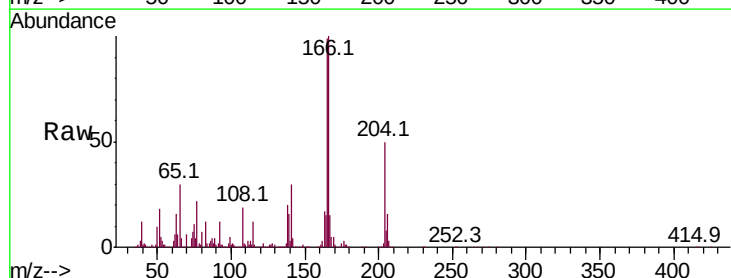
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.189 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.6	119.4
167	15.0	11.4	17.2

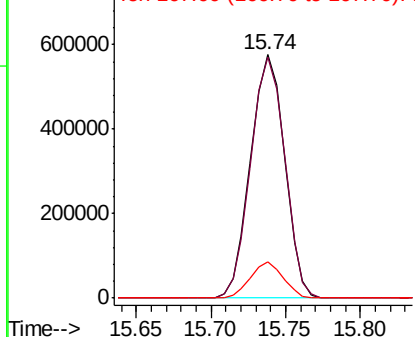
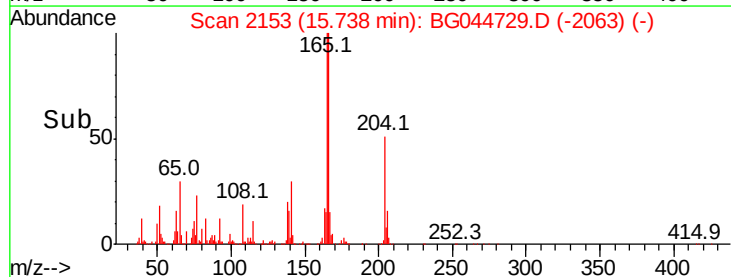


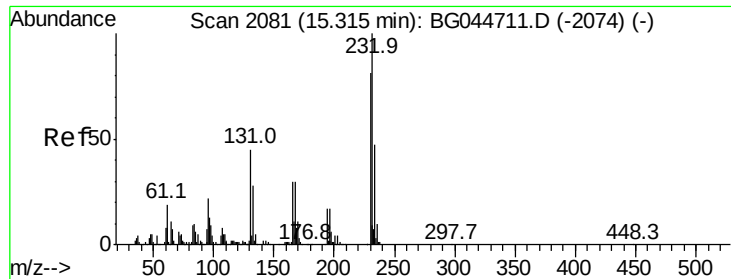
Abundance

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

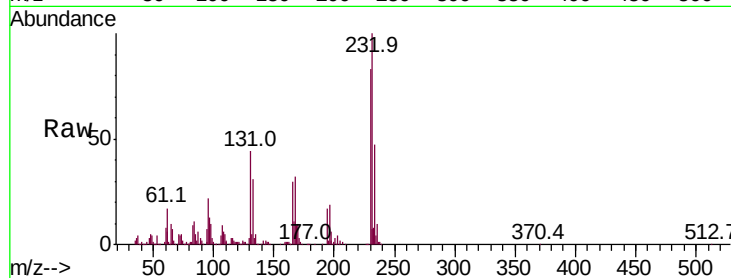




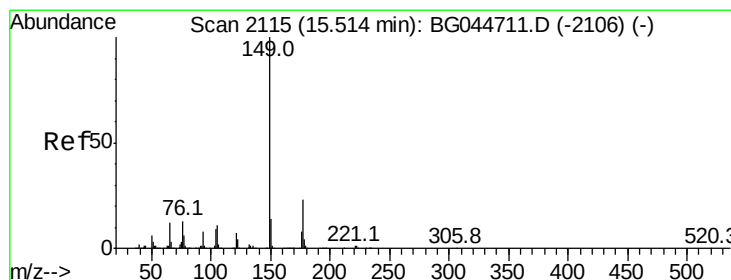
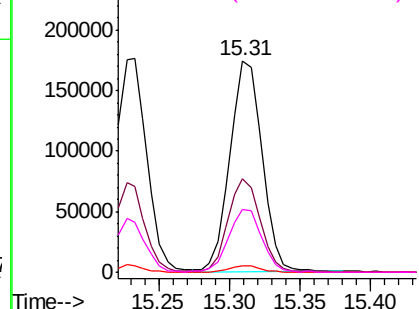
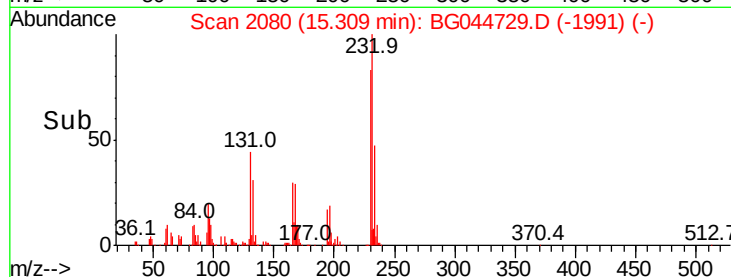
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.693 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 276429
Ion Ratio Lower Upper
232 100
131 44.5 32.4 48.6
130 2.8 2.0 3.0
166 30.7 20.5 30.7

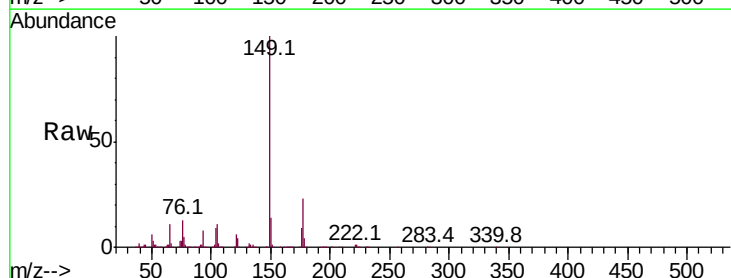


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

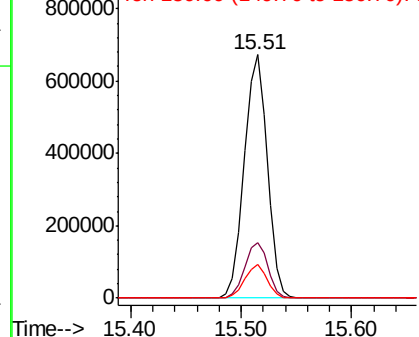
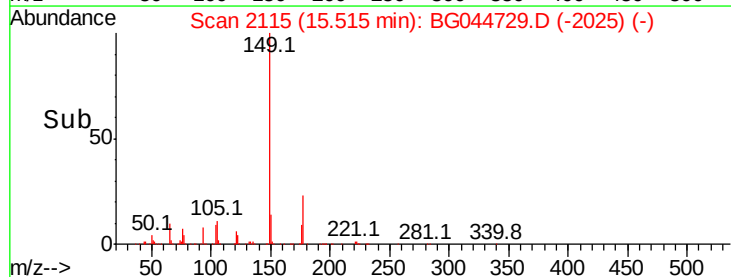


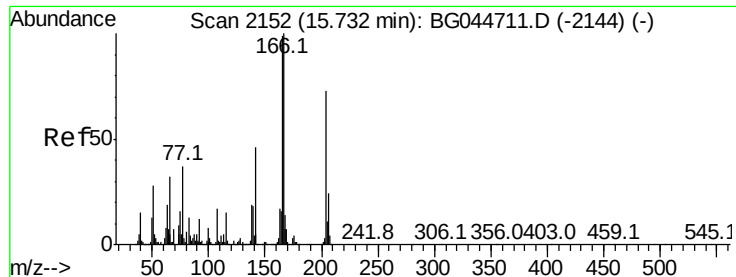
#60
Diethylphthalate
Concen: 40.149 ng
RT: 15.51 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

Tgt Ion:149 Resp: 988515
Ion Ratio Lower Upper
149 100
177 23.0 18.8 28.2
150 13.7 11.2 16.8



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





#61

4-Chlorophenyl-phenylether

Concen: 41.570 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

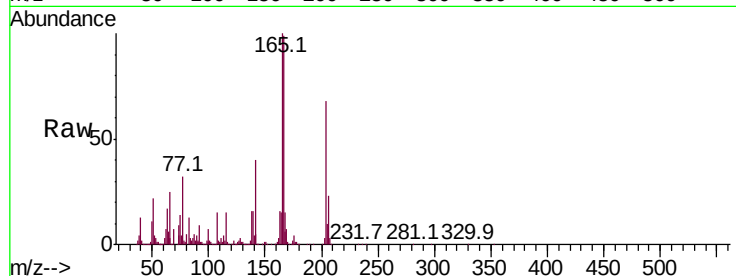
Instrument :

BNA_G

ClientSampleId :

Tot Ion:204 Resp: 495687

Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.8	38.6
141	59.7	50.8	76.2

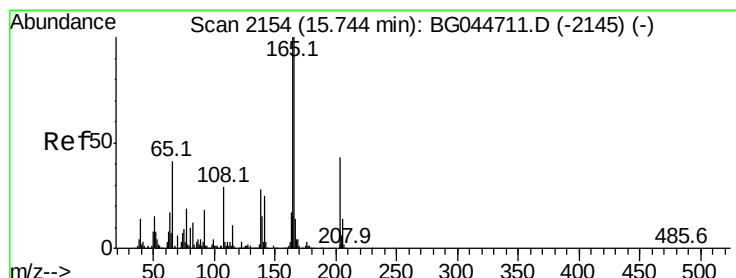
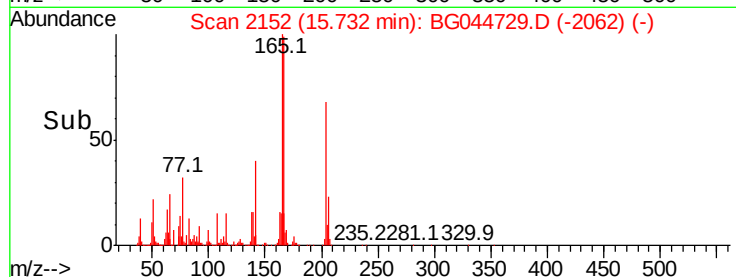
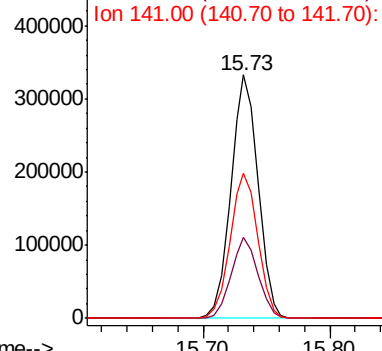


Abundance

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: 37.981 ng

RT: 15.74 min Scan# 2154

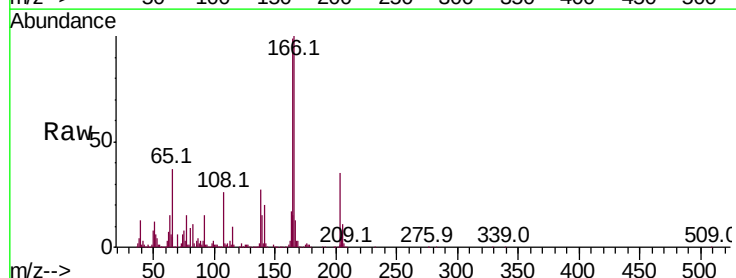
Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Tgt Ion:138 Resp: 221560

Ion	Ratio	Lower	Upper
138	100		
92	56.3	42.1	82.1
108	96.7	81.2	121.2

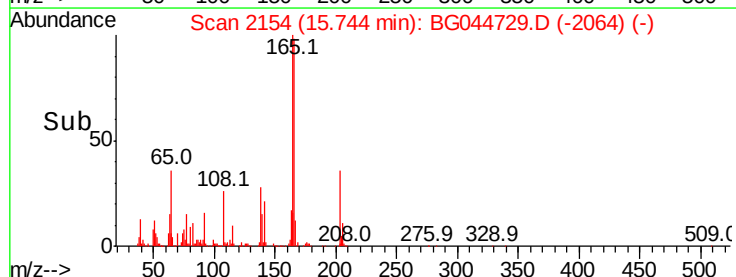
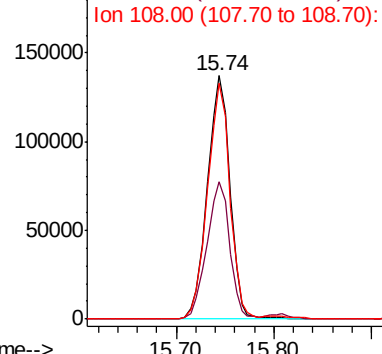


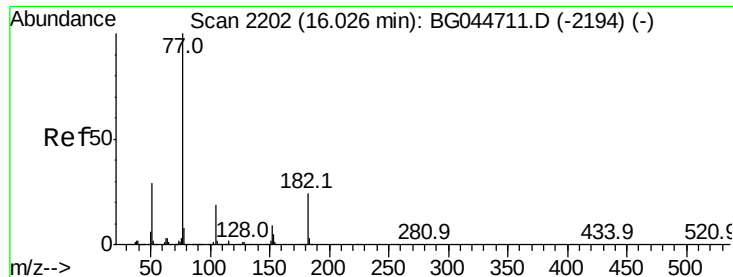
Abundance

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: 41.074 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

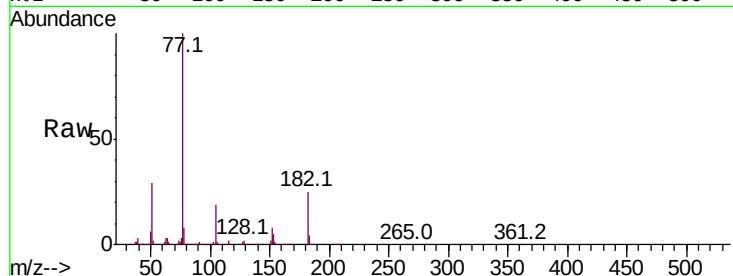
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1050171

Ion	Ratio	Lower	Upper
77	100		
182	25.1	3.6	43.6
105	18.6	0.0	39.3
51	29.0	8.7	48.7

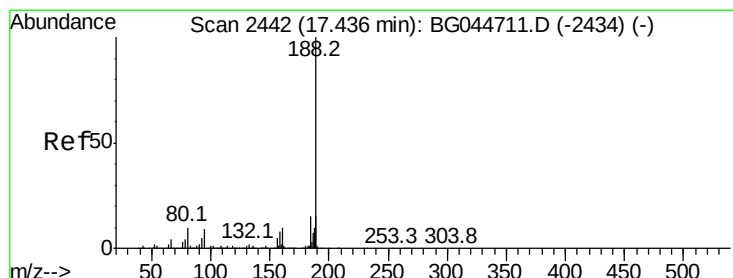
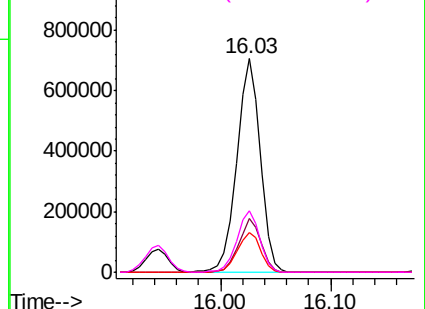
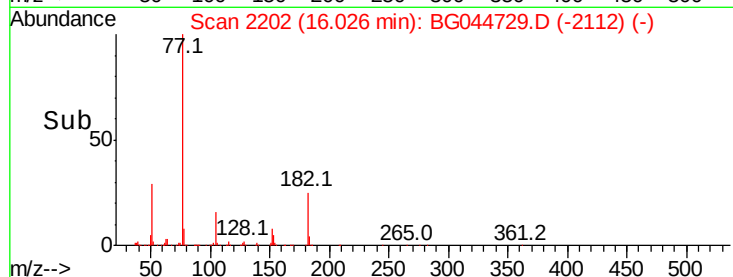


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.44 min Scan# 2442

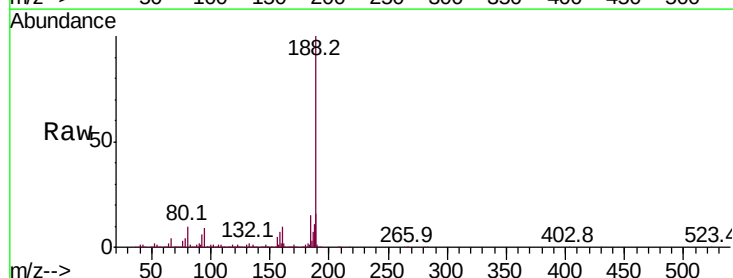
Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Tgt Ion: 188 Resp: 667752

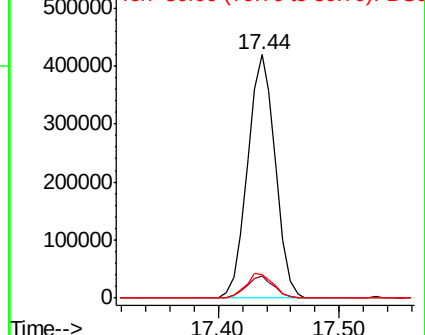
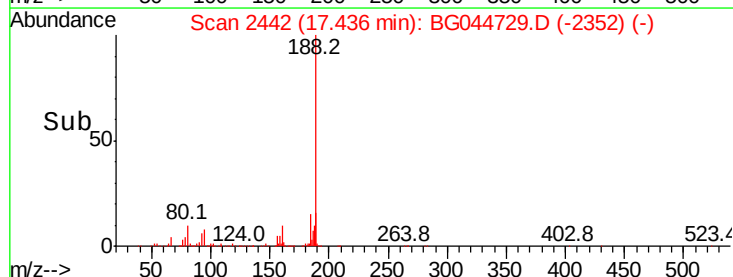
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.6
80	9.7	8.4	12.6

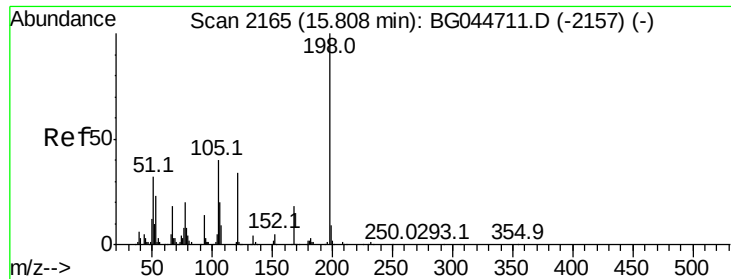


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

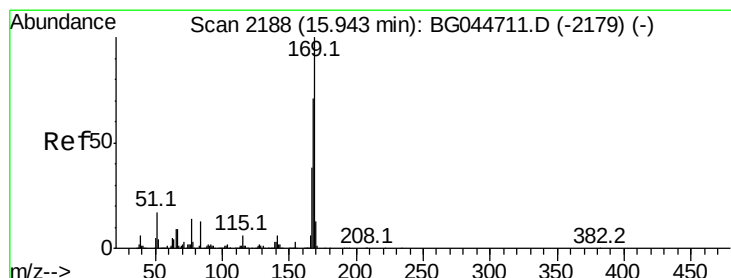
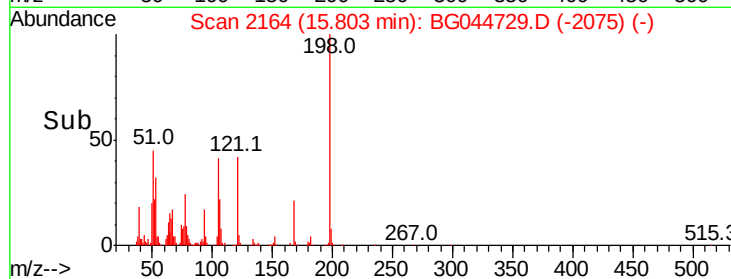
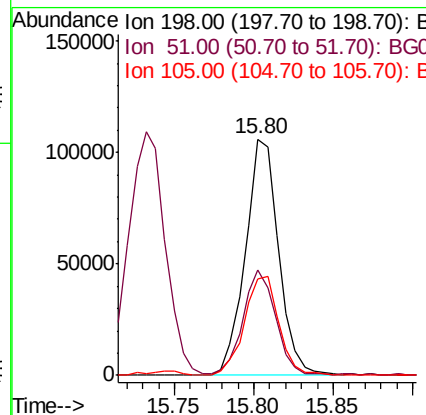
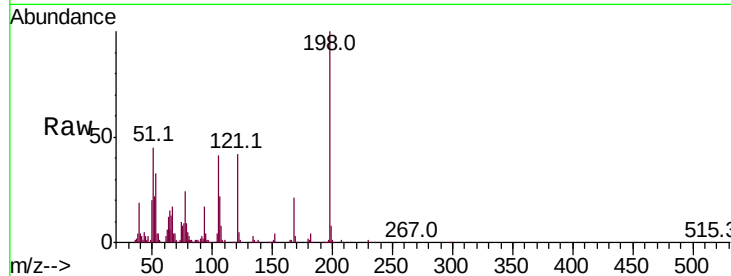




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.823 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG044729.D
 Acq: 12 Mar 2020 10:53

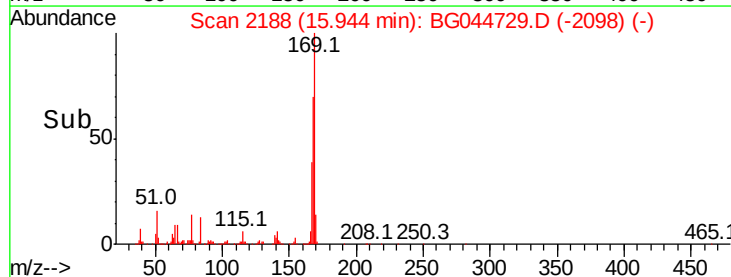
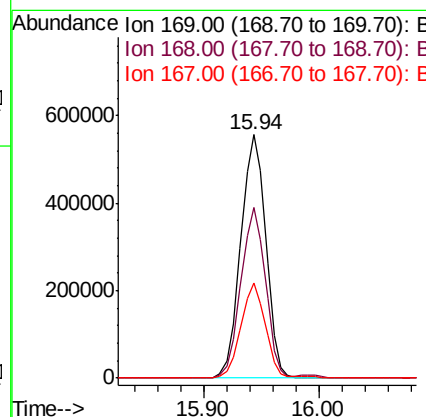
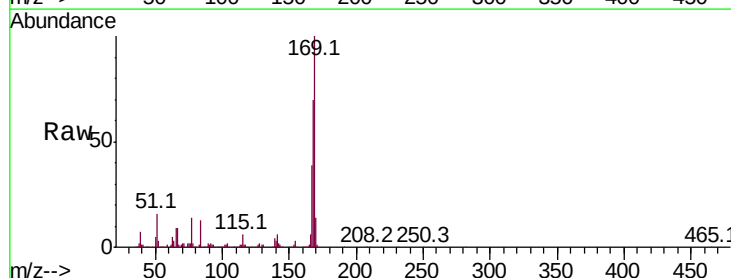
Instrument :
 BNA_G
 ClientSampleId :

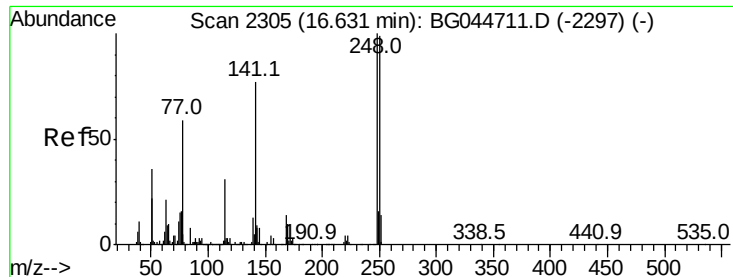
Tot Ion	Ratio	Lower	Upper
198	100		
51	44.9	20.1	60.1
105	41.1	21.3	61.3



#66
 n-Nitrosodiphenylamine
 Concen: 41.536 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG044729.D
 Acq: 12 Mar 2020 10:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.1	56.6	85.0
167	39.1	30.1	45.1





#67

4-Bromophenyl-phenylether

Concen: 39.749 ng

RT: 16.63 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampleId :

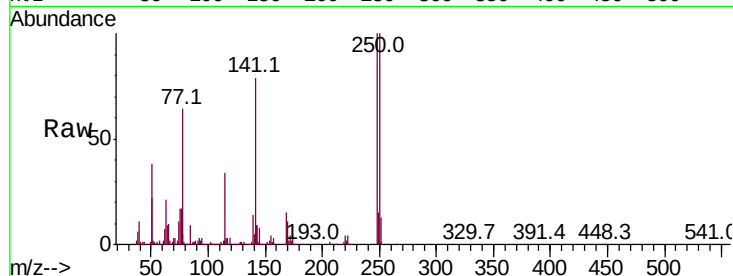
Tot Ion:248 Resp: 331818

Ion Ratio Lower Upper

248 100

250 99.6 79.4 119.0

141 79.1 61.7 92.5

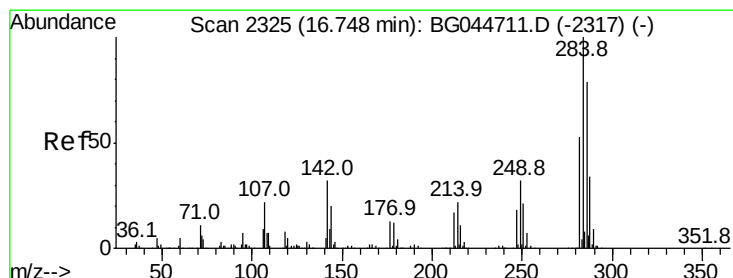
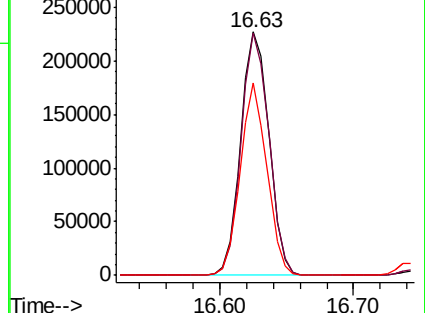
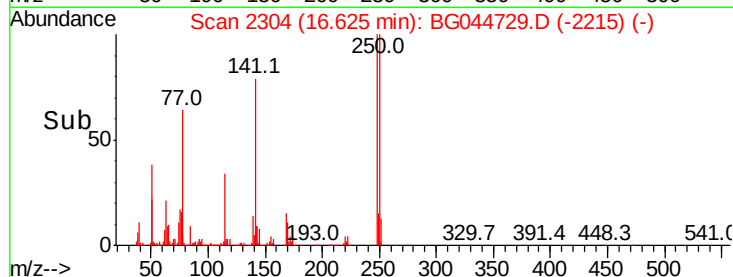


Abundance

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: 39.603 ng

RT: 16.75 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

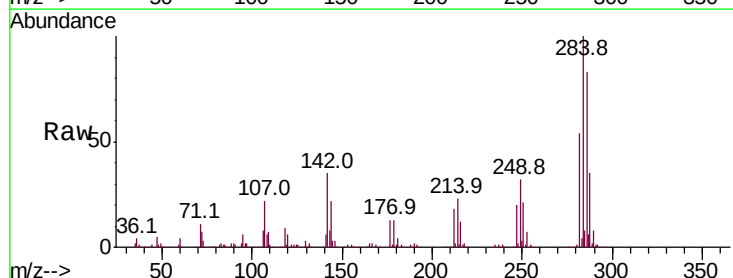
Tgt Ion:284 Resp: 358669

Ion Ratio Lower Upper

284 100

142 34.5 25.6 38.4

249 32.0 25.8 38.6

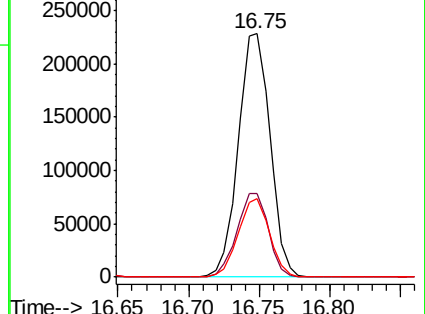
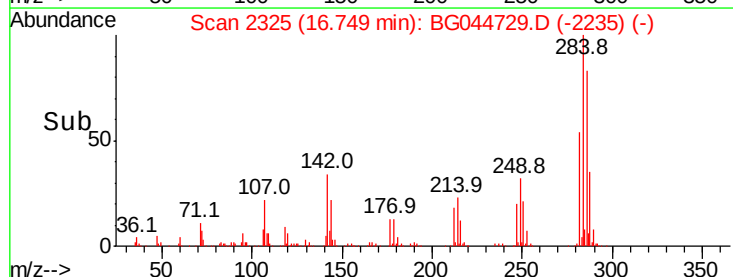


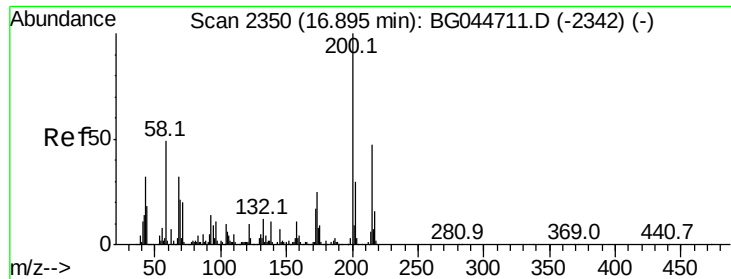
Abundance

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: 46.113 ng

RT: 16.90 min Scan# 2350

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampleId :

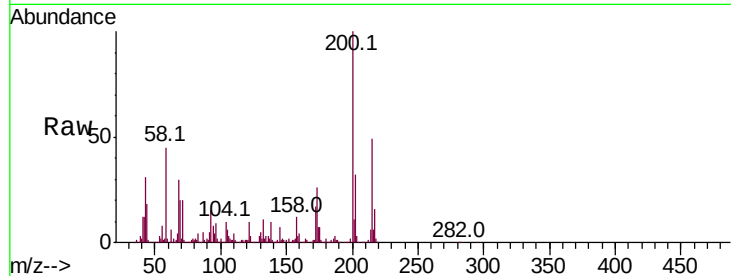
Tot Ion:200 Resp: 339651

Ion Ratio Lower Upper

200 100

173 26.1 4.8 44.8

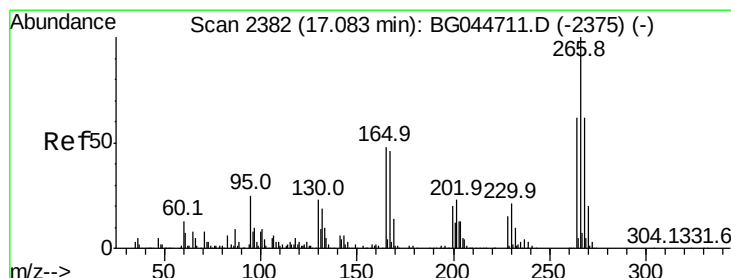
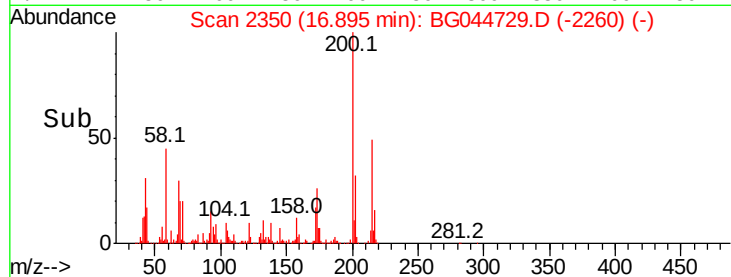
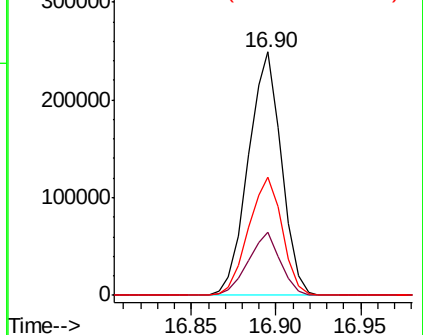
215 48.5 27.4 67.4



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: 89.436 ng

RT: 17.08 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

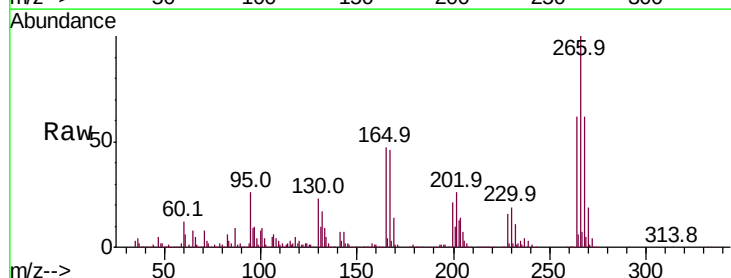
Tgt Ion:266 Resp: 445663

Ion Ratio Lower Upper

266 100

268 62.4 49.9 74.9

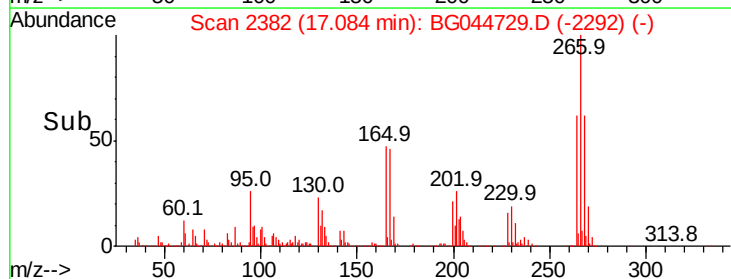
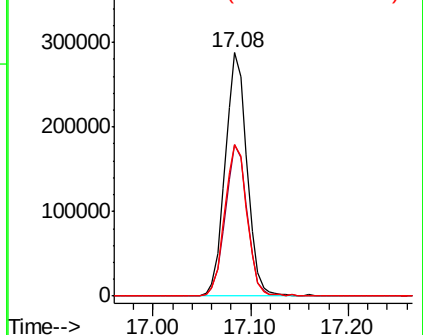
264 62.2 49.9 74.9

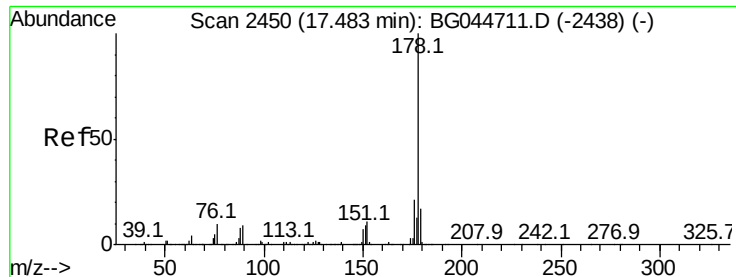


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

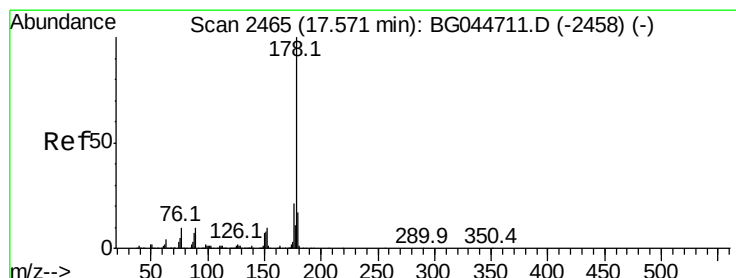
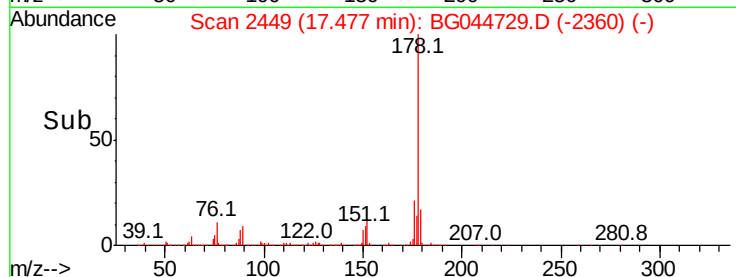
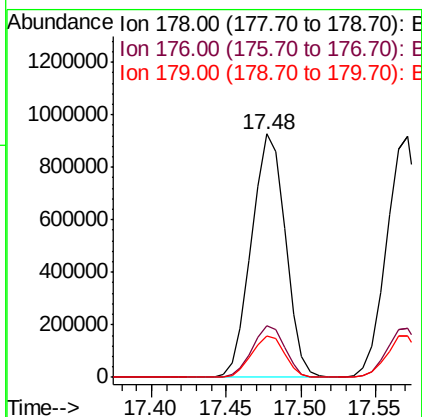
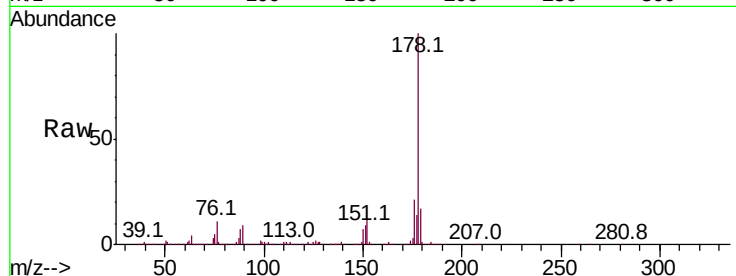




#71
Phenanthrene
Concen: 40.765 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

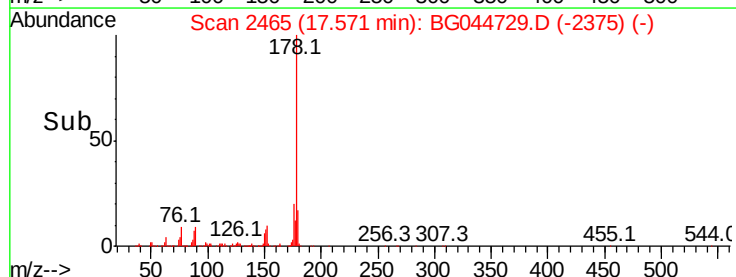
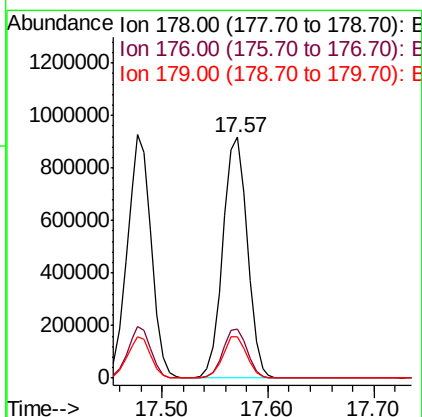
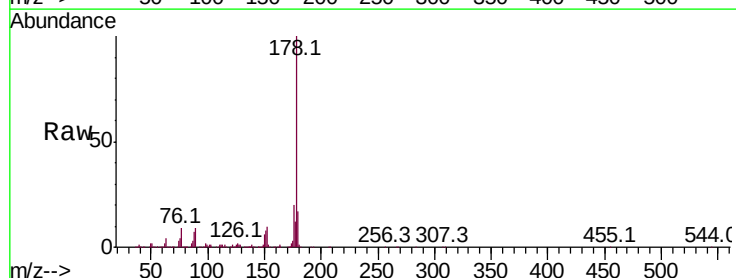
Instrument :
BNA_G
ClientSampleId :

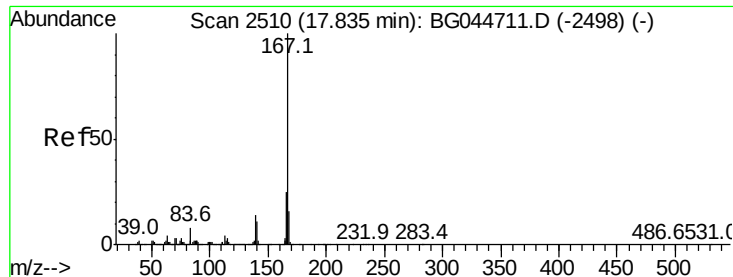
Tot Ion:178 Resp: 1454641
Ion Ratio Lower Upper
178 100
176 21.4 17.0 25.6
179 16.9 13.7 20.5



#72
Anthracene
Concen: 41.712 ng
RT: 17.57 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BG044729.D
Acq: 12 Mar 2020 10:53

Tgt Ion:178 Resp: 1467668
Ion Ratio Lower Upper
178 100
176 20.4 17.0 25.6
179 17.0 13.8 20.8





#73

Carbazole

Concen: 40.476 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

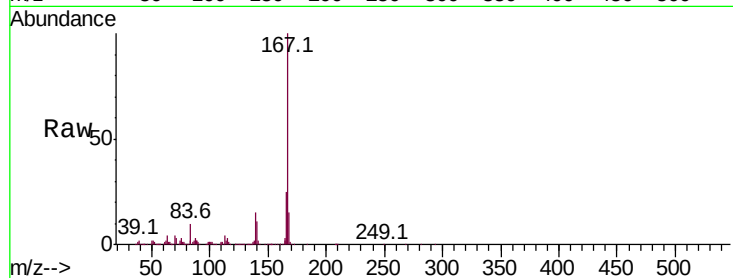
Instrument :

BNA_G

ClientSampled :

Tot Ion:167 Resp: 1368037

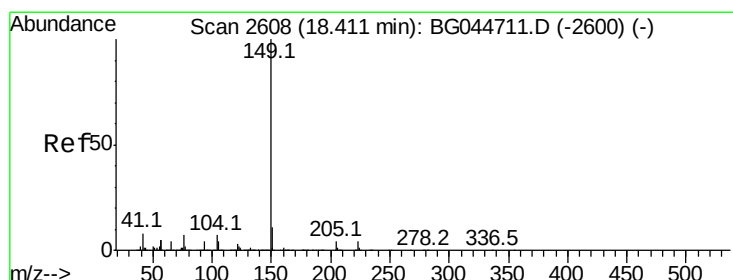
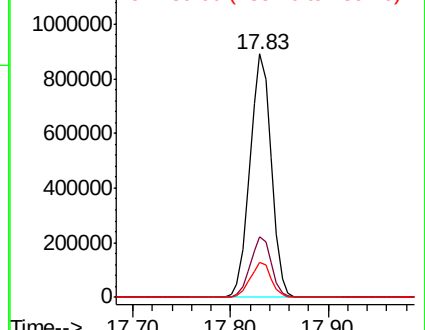
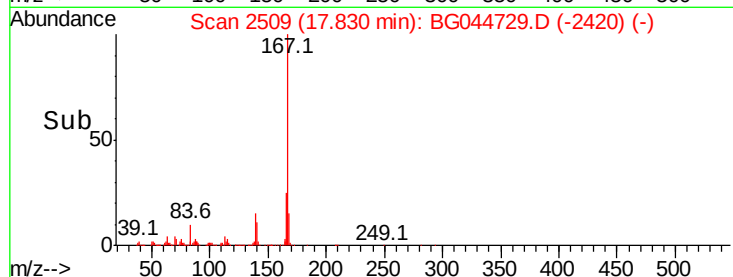
Ion	Ratio	Lower	Upper
167	100		
166	24.9	19.6	29.4
139	14.5	11.4	17.2



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: 40.202 ng

RT: 18.41 min Scan# 2607

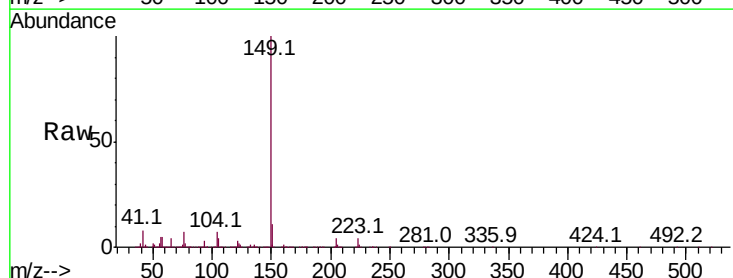
Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Tgt Ion:149 Resp: 1651744

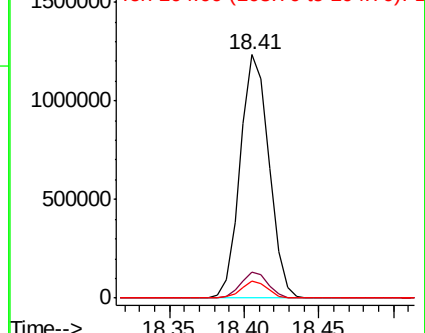
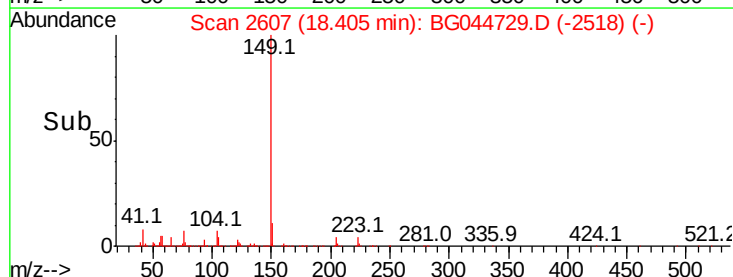
Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.4	12.6
104	6.9	5.6	8.4

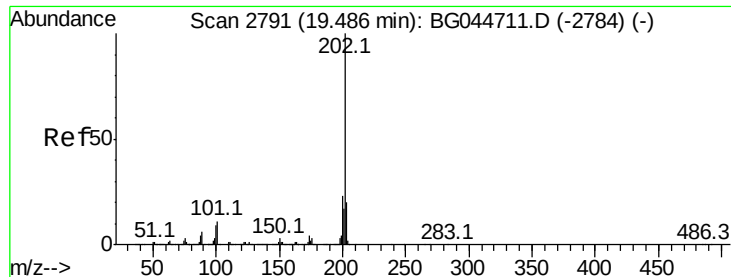


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.244 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampleId :

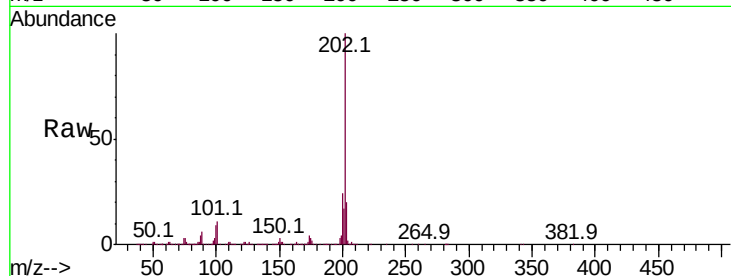
Tot Ion:202 Resp: 1752348

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.3

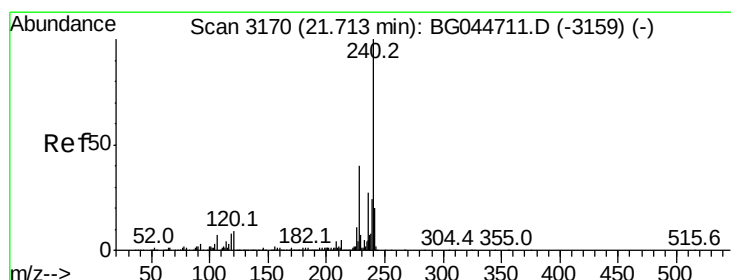
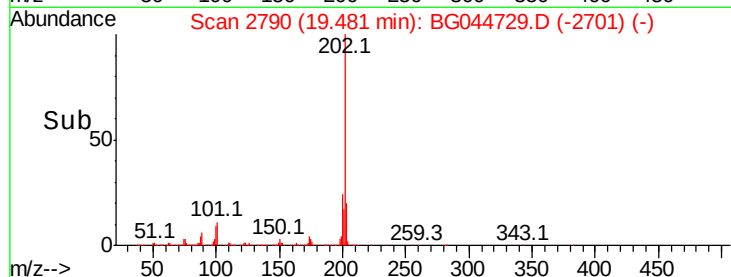
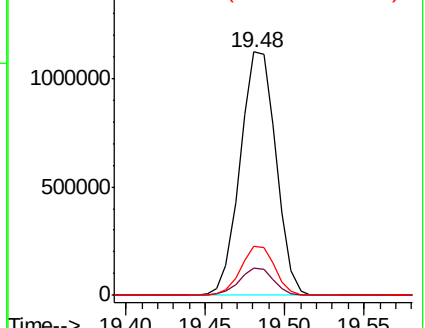
203 20.4 0.4 40.4



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: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

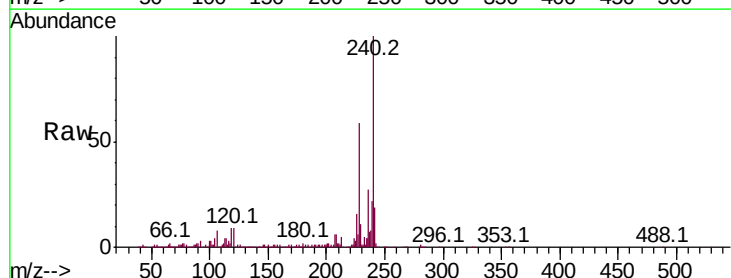
Tgt Ion:240 Resp: 568467

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

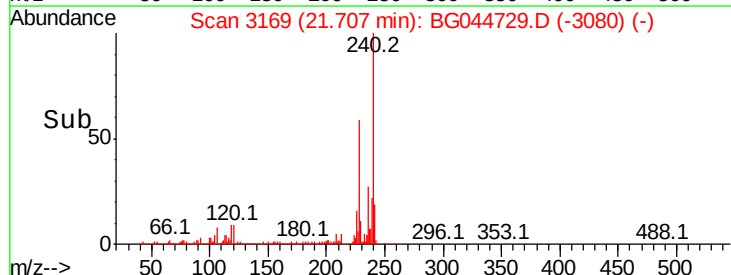
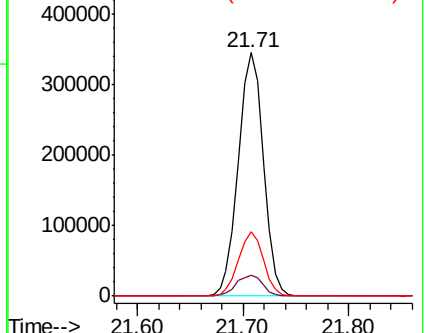
236 26.5 21.9 32.9

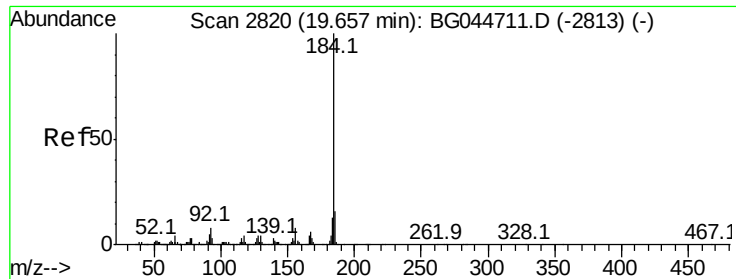


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.239 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampleId :

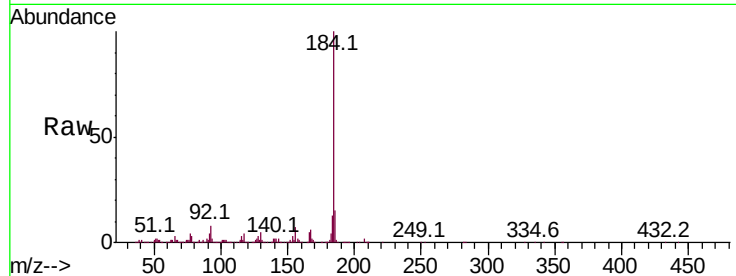
Tot Ion:184 Resp: 465771

Ion Ratio Lower Upper

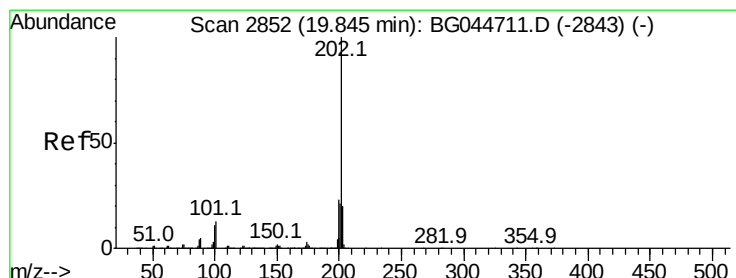
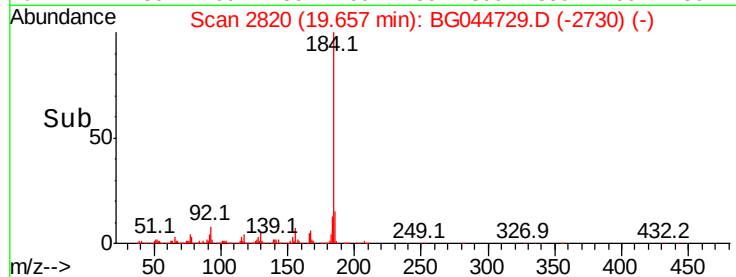
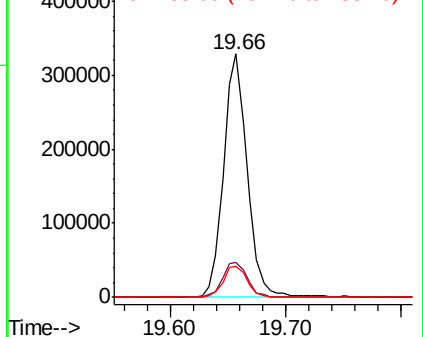
184 100

185 14.6 12.9 19.3

183 13.0 10.6 15.8



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: 41.986 ng

RT: 19.84 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

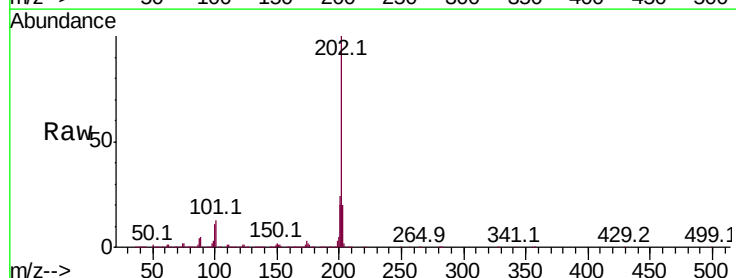
Tgt Ion:202 Resp: 1751096

Ion Ratio Lower Upper

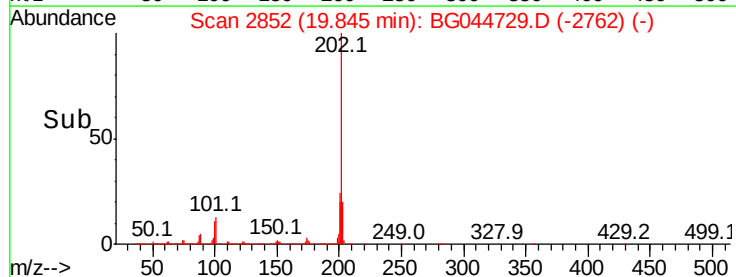
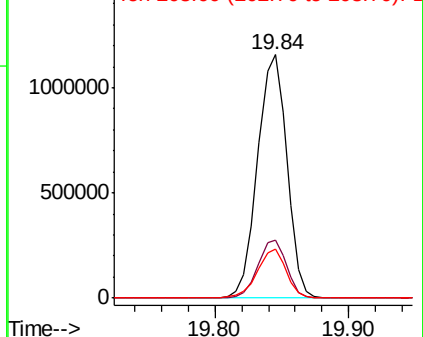
202 100

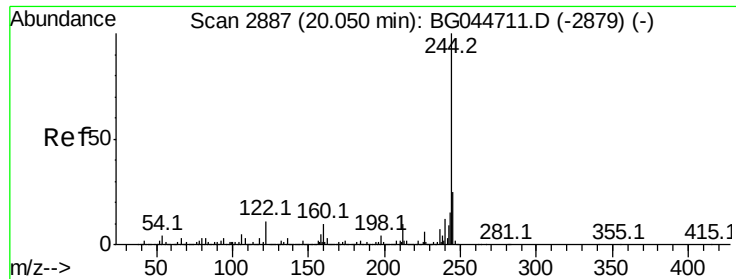
200 23.9 18.7 28.1

203 20.3 16.0 24.0



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: 70.836 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

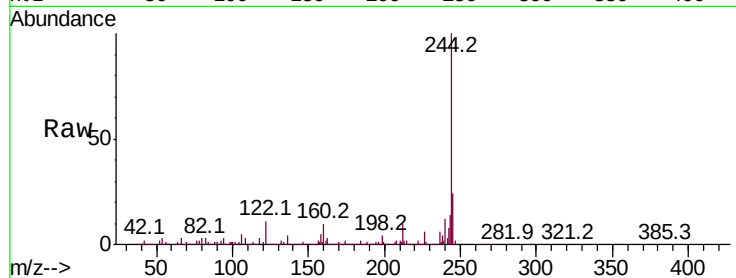
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2152742

Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.4	12.6
122	11.0	8.7	13.1

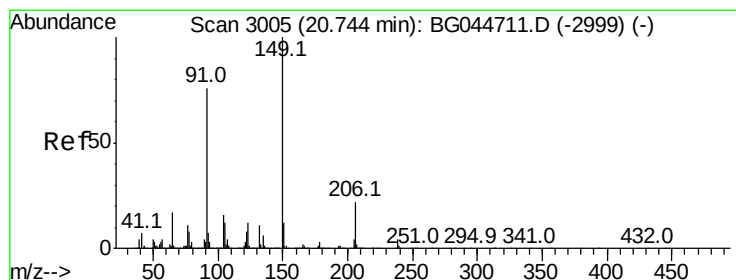
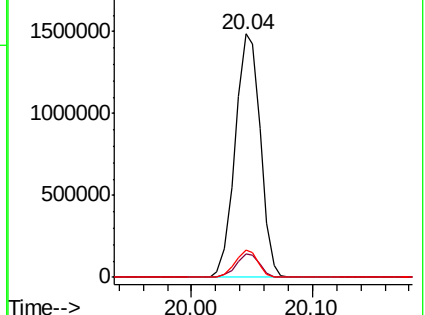
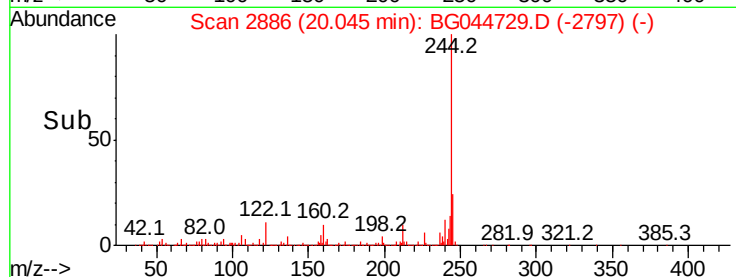


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.087 ng

RT: 20.74 min Scan# 3004

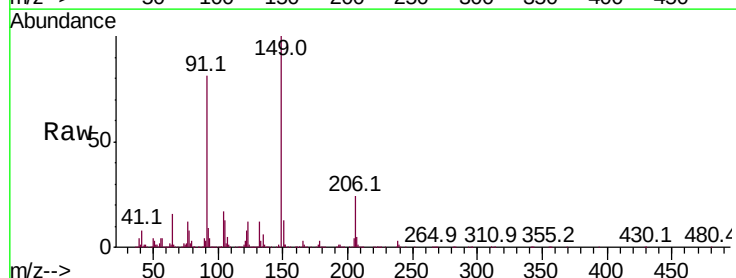
Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Tgt Ion:149 Resp: 743794

Ion	Ratio	Lower	Upper
149	100		
91	81.5	61.1	91.7
206	24.0	17.4	26.2

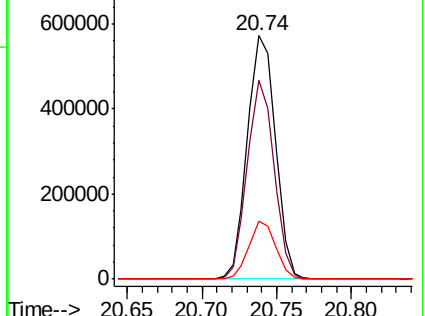
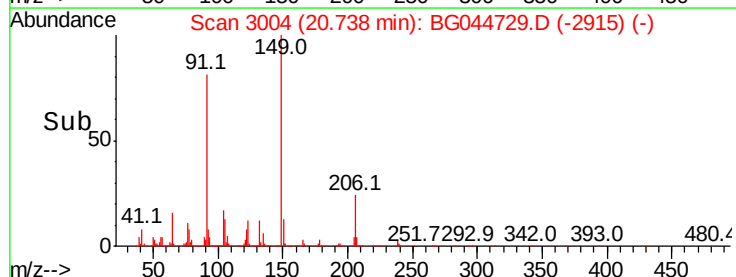


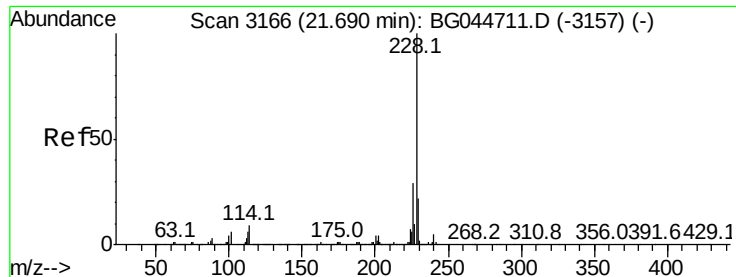
Abundance

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: 40.991 ng

RT: 21.69 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

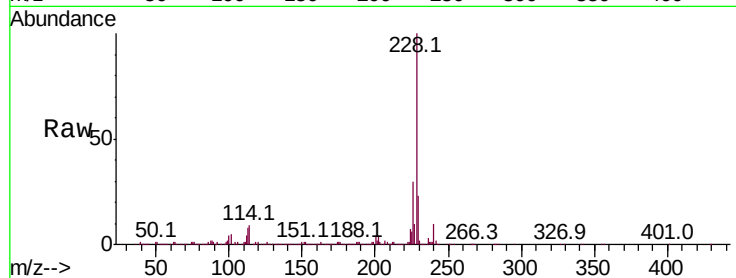
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1677918

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.5	35.3
229	22.5	17.2	25.8

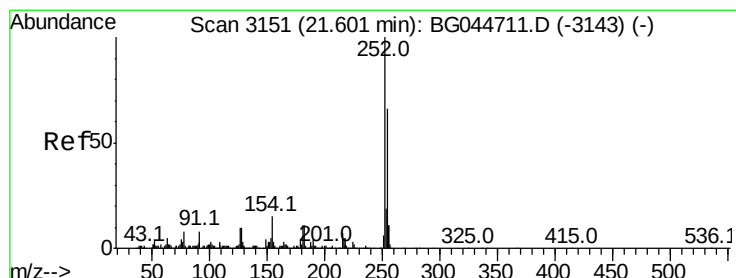
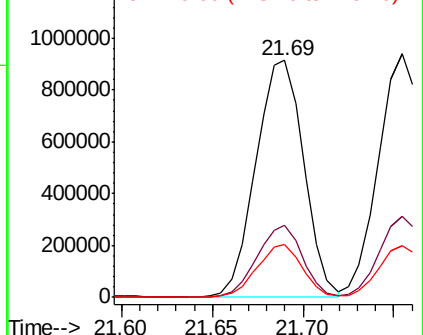
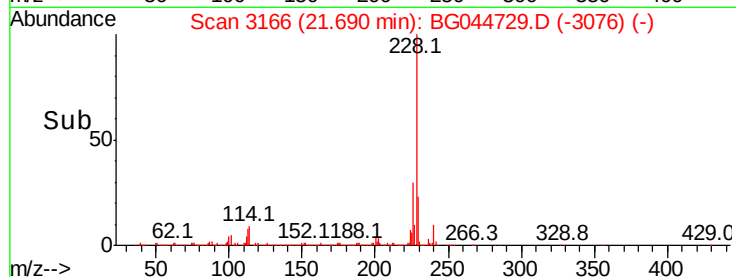


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.563 ng

RT: 21.60 min Scan# 3151

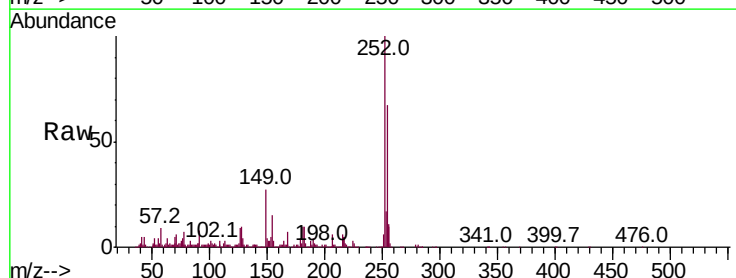
Delta R.T. 0.00 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Tgt Ion:252 Resp: 547333

Ion	Ratio	Lower	Upper
252	100		
254	67.2	53.0	79.4
126	9.5	8.2	12.4

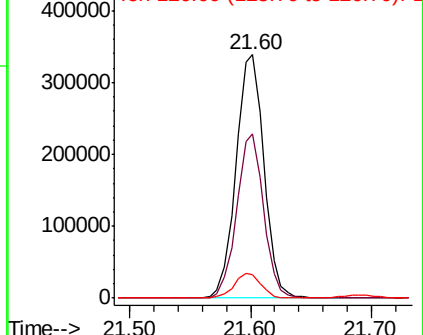
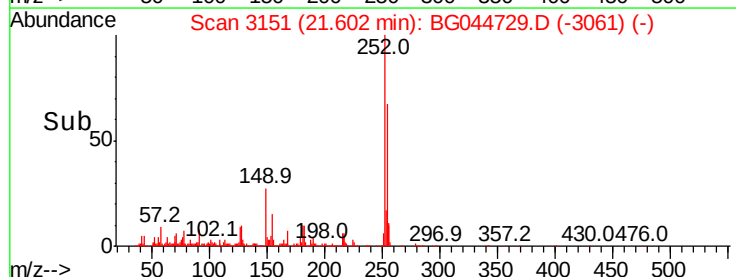


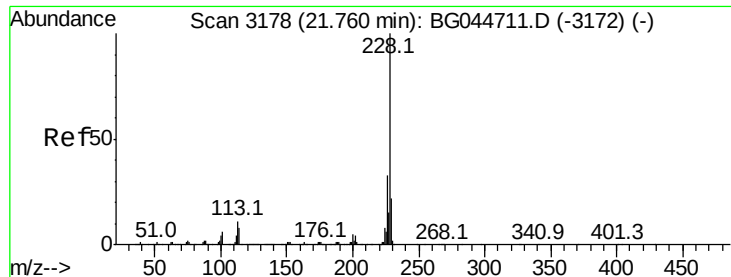
Abundance

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: 40.840 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampleId :

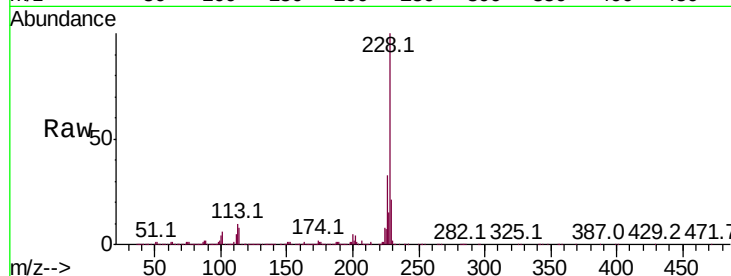
Tot Ion:228 Resp: 1596886

Ion	Ratio	Lower	Upper
228	100		
226	33.1	26.1	39.1
229	21.4	17.4	26.0

228 100

226 33.1 26.1 39.1

229 21.4 17.4 26.0

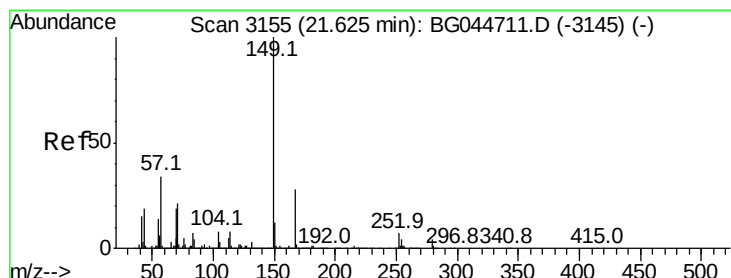
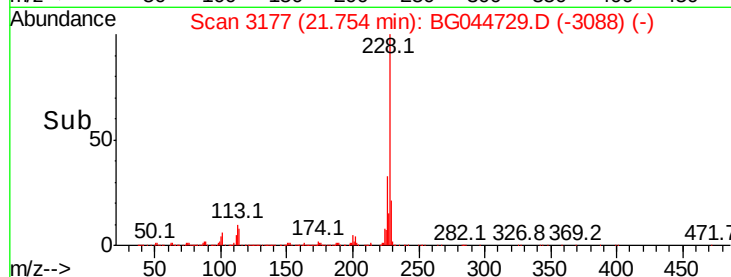
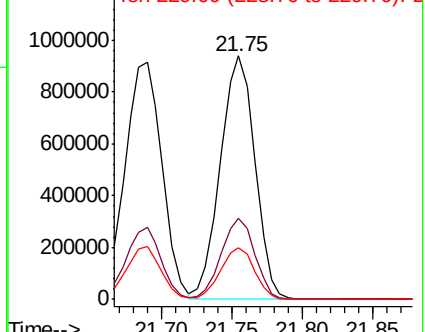


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.477 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

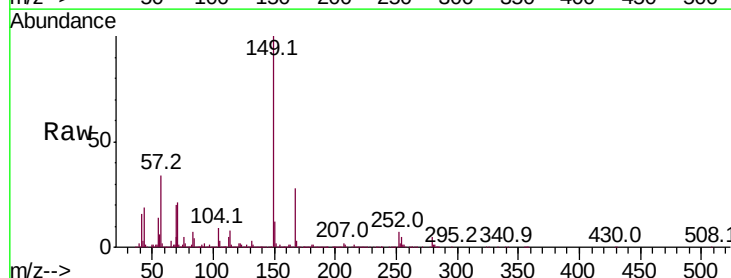
Tgt Ion:149 Resp: 1036515

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	33.8
279	4.9	3.5	5.3

149 100

167 28.4 22.6 33.8

279 4.9 3.5 5.3

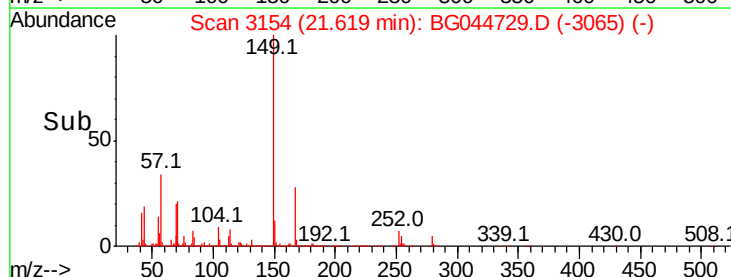
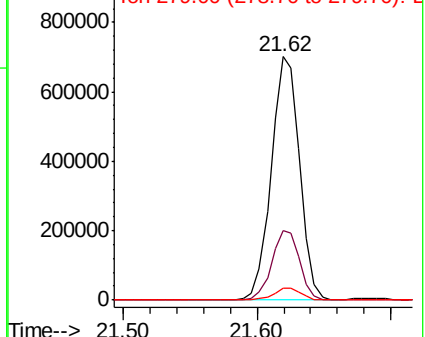


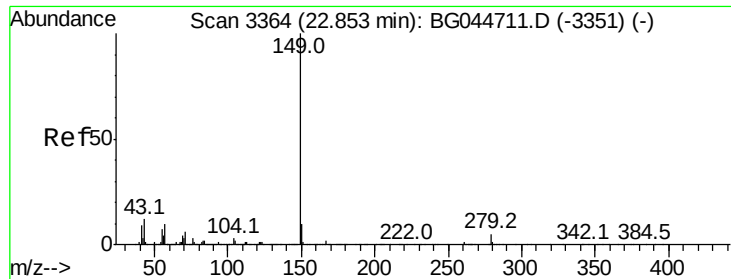
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.747 ng

RT: 22.85 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampled :

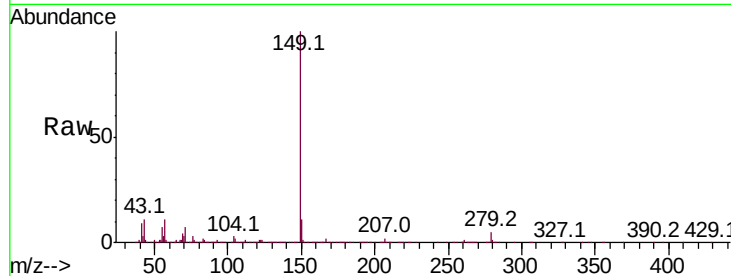
Tot Ion:149 Resp: 1788892

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

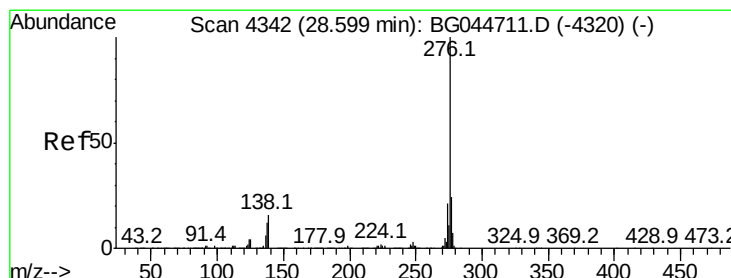
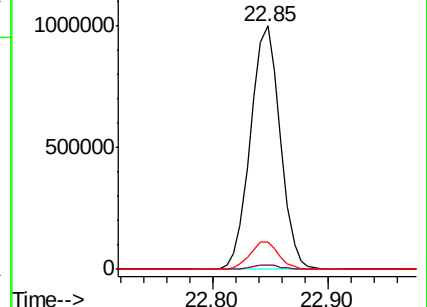
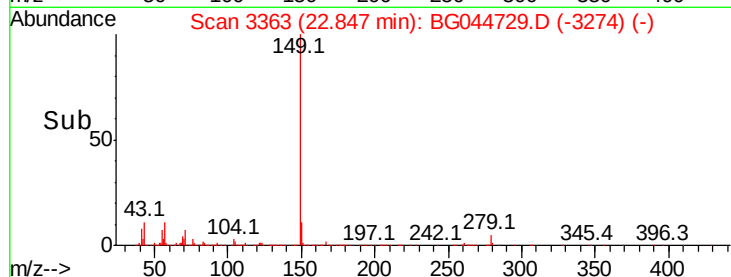
43 11.1 9.0 13.6



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: 40.534 ng

RT: 28.59 min Scan# 4341

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

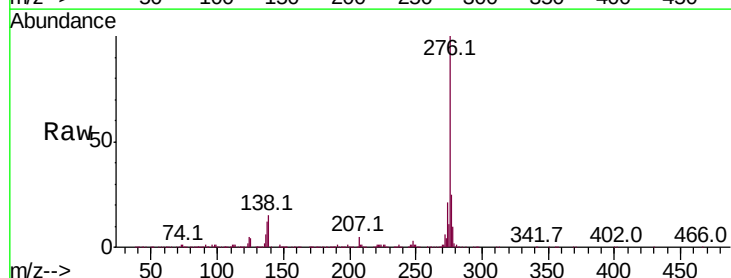
Tgt Ion:276 Resp: 2077867

Ion Ratio Lower Upper

276 100

138 13.3 10.9 16.3

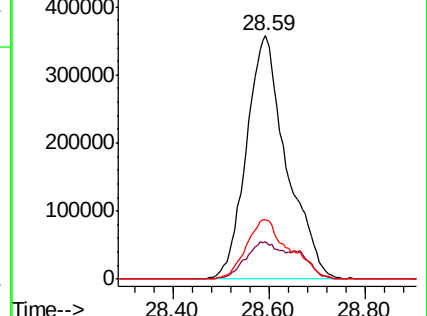
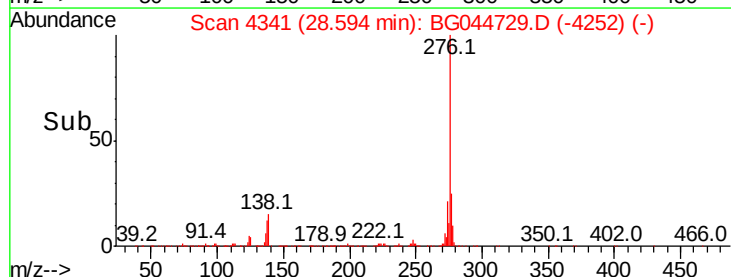
277 26.2 20.8 31.2

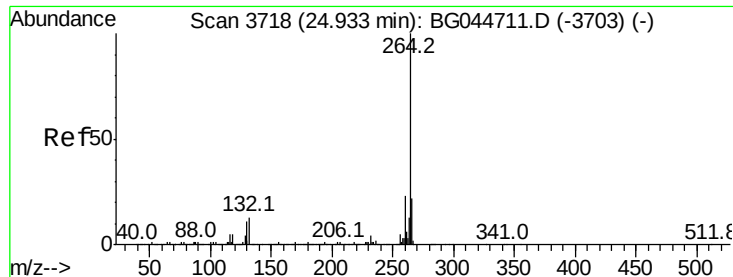


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

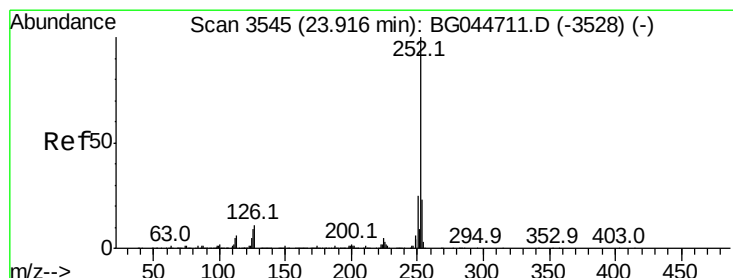
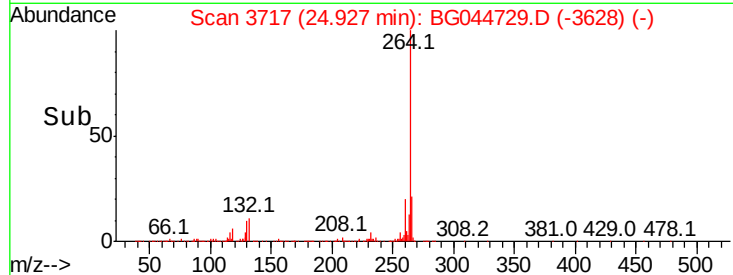
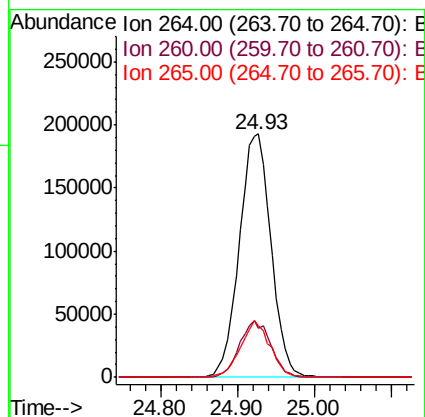
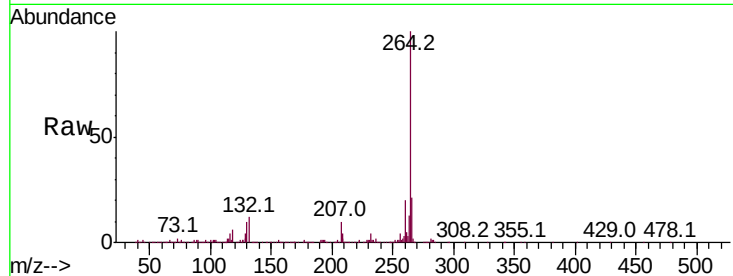
Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 555625

Ion	Ratio	Lower	Upper
264	100		
260	20.0	18.4	27.6
265	21.0	17.4	26.2



#88

Benzo(b)fluoranthene

Concen: 48.406 ng

RT: 23.91 min Scan# 3544

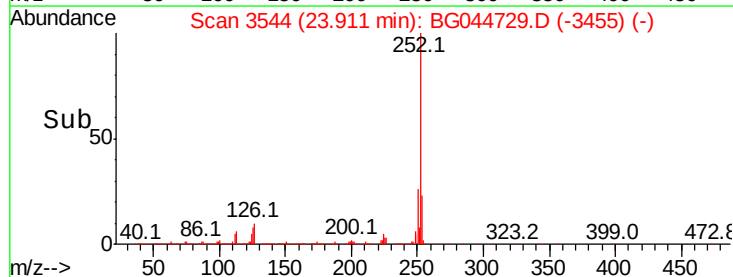
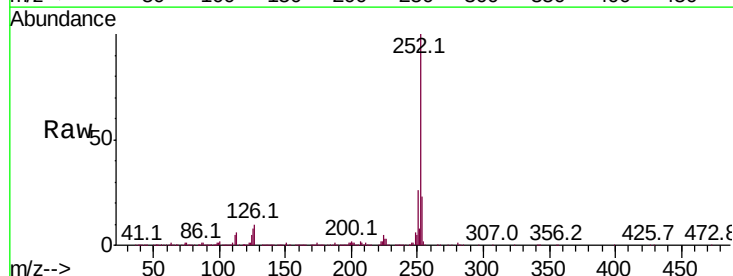
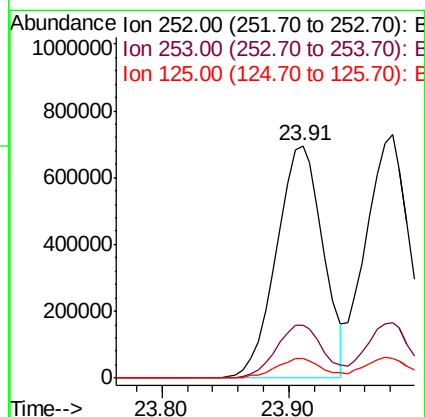
Delta R.T. -0.01 min

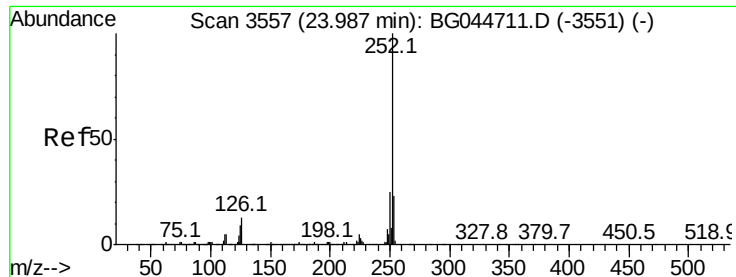
Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Tgt Ion:252 Resp: 1775600

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	8.3	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 50.165 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampled :

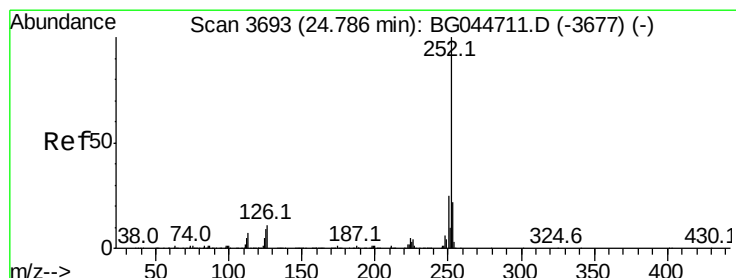
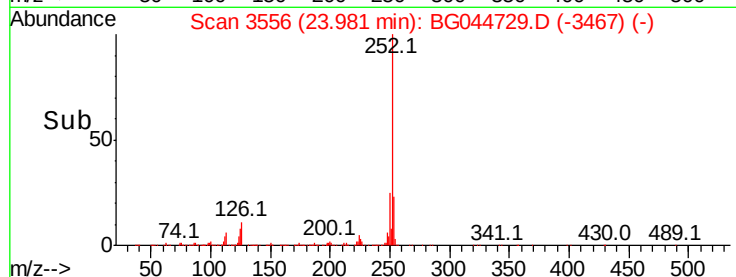
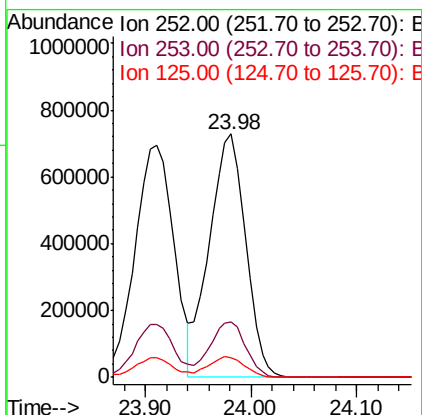
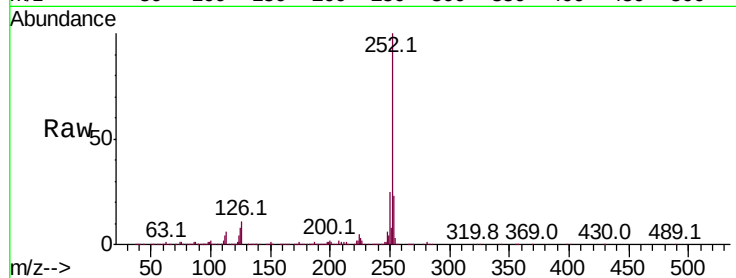
Tot Ion:252 Resp: 1741372

Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

125 8.3 7.0 10.4



#90

Benzo(a)pyrene

Concen: 47.619 ng

RT: 24.77 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

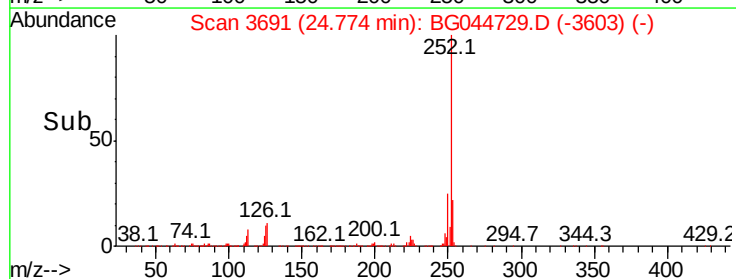
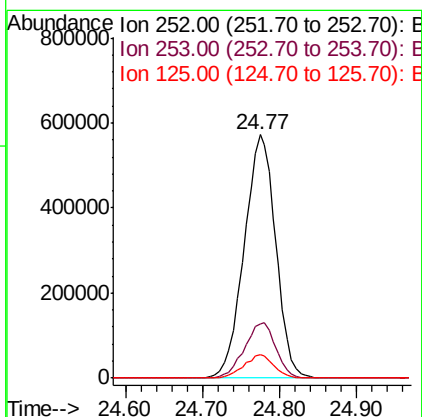
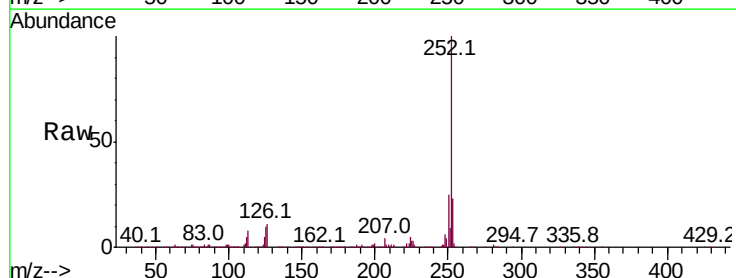
Tgt Ion:252 Resp: 1634424

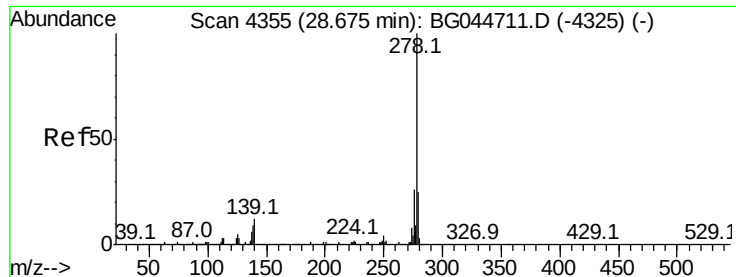
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 9.9 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 50.283 ng

RT: 28.66 min Scan# 4353

Delta R.T. -0.01 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

Instrument :

BNA_G

ClientSampleId :

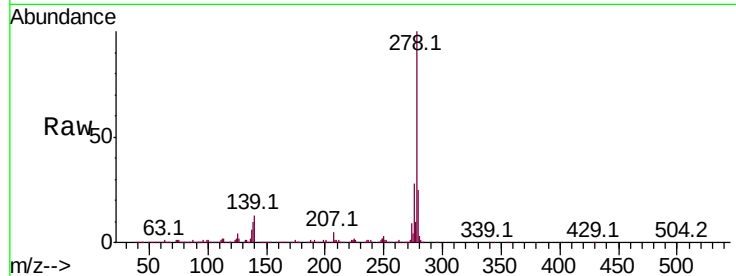
Tot Ion:278 Resp: 1702641

Ion Ratio Lower Upper

278 100

139 12.7 9.9 14.9

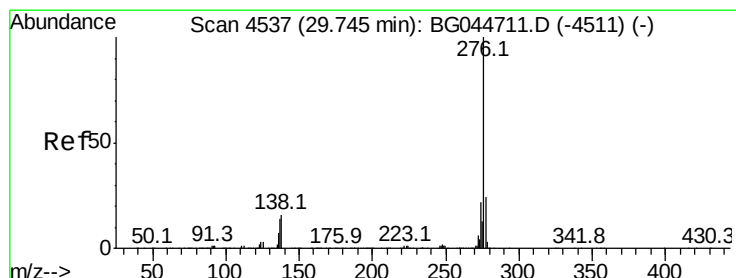
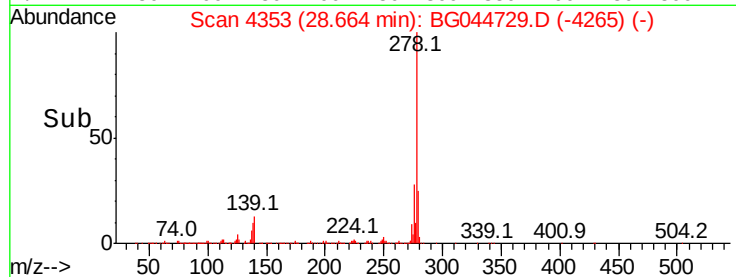
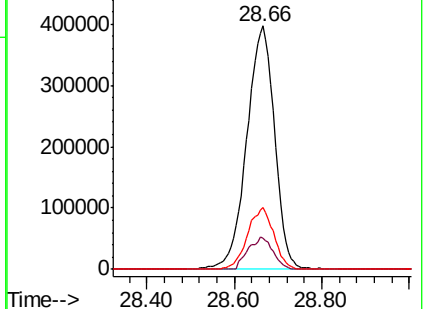
279 25.4 20.2 30.4



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: 50.928 ng

RT: 29.73 min Scan# 4534

Delta R.T. -0.02 min

Lab File: BG044729.D

Acq: 12 Mar 2020 10:53

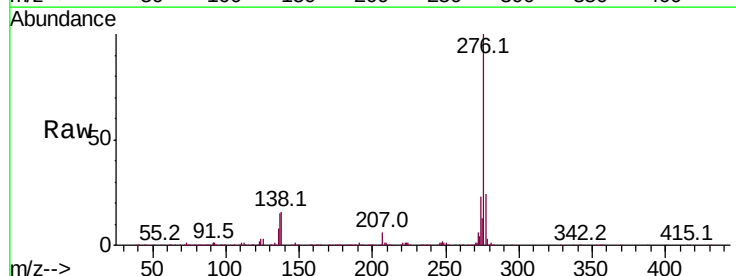
Tgt Ion:276 Resp: 1742303

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 16.4 13.0 19.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

