

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044728.D
 Acq On : 12 Mar 2020 10:11
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 06:06:12 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	105661	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	420070	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	288483	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	653149	20.00	ng	0.00
76) Chrysene-d12	21.71	240	580162	20.00	ng	0.00
87) Perylene-d12	24.93	264	683921	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	504157	74.28	ng	0.00
7) Phenol-d6	7.21	99	729620	73.98	ng	0.00
23) Nitrobenzene-d5	9.22	82	711527	74.33	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	284237	75.25	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1466901	72.82	ng	0.00
79) Terphenyl-d14	20.05	244	2215588	71.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	116605	35.675	ng	96
3) Pyridine	3.92	79	352898	36.471	ng	97
4) n-Nitrosodimethylamine	3.83	42	146079	39.789	ng	94
6) Aniline	7.38	93	451752	36.814	ng	97
8) 2-Chlorophenol	7.62	128	250956	37.038	ng	97
9) Benzaldehyde	7.19	77	218678	35.187	ng	98
10) Phenol	7.24	94	362729	37.152	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	275360	35.339	ng	99
12) 1,3-Dichlorobenzene	7.95	146	304899	36.529	ng	98
13) 1,4-Dichlorobenzene	8.09	146	303227	36.747	ng	100
14) 1,2-Dichlorobenzene	8.42	146	286473	36.605	ng	99
15) Benzyl Alcohol	8.29	79	287574	36.344	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	499969	36.359	ng	99
17) 2-Methylphenol	8.49	107	240943	36.432	ng	95
18) Hexachloroethane	9.15	117	119568	36.805	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	247383	35.526	ng	99
20) 3+4-Methylphenols	8.82	107	332163	36.434	ng	98
22) Acetophenone	8.87	105	423170	35.559	ng	97
24) Nitrobenzene	9.26	77	358154	36.057	ng	99
25) Isophorone	9.79	82	653944	35.001	ng	99
26) 2-Nitrophenol	9.97	139	129912	38.860	ng	96
27) 2,4-Dimethylphenol	10.03	122	216018	35.504	ng	93
28) bis(2-Chloroethoxy)methane	10.27	93	402341	36.085	ng	98
29) 2,4-Dichlorophenol	10.50	162	263592	37.091	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	306065	36.019	ng	95
31) Naphthalene	10.91	128	841595	36.167	ng	99
32) Benzoic acid	10.16	122	171099	38.496	ng	94
33) 4-Chloroaniline	11.01	127	374553	35.727	ng	99
34) Hexachlorobutadiene	11.21	225	207954	37.214	ng	95
35) Caprolactam	11.78	113	99167	36.856	ng	89
36) 4-Chloro-3-methylphenol	12.13	107	304218	35.893	ng	98
37) 2-Methylnaphthalene	12.52	142	632490	36.336	ng	98
38) 1-Methylnaphthalene	12.73	142	596861	36.473	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	337988	35.575	ng	99

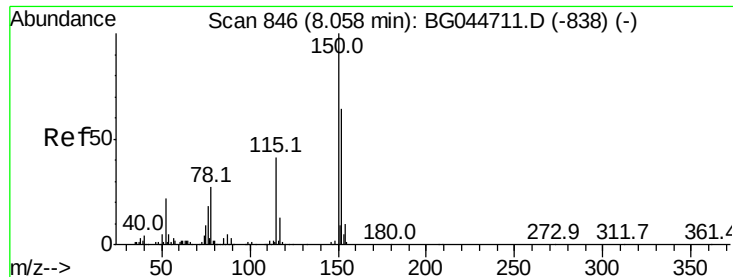
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044728.D
 Acq On : 12 Mar 2020 10:11
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 06:06:12 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)
41) Hexachlorocyclopentadiene	12.88	237	186537	35.927	nq	96
43) 2,4,6-Trichlorophenol	13.12	196	230251	36.518	nq	95
44) 2,4,5-Trichlorophenol	13.19	196	236189	36.121	nq	98
46) 1,1'-Biphenyl	13.52	154	826134	35.836	nq	99
47) 2-Chloronaphthalene	13.56	162	625812	35.536	nq	98
48) 2-Nitroaniline	13.76	65	236823	38.411	nq	96
49) Acenaphthylene	14.41	152	988769	35.838	nq	99
50) Dimethylphthalate	14.14	163	837163	36.436	nq	98
51) 2,6-Dinitrotoluene	14.25	165	171714	37.077	nq	97
52) Acenaphthene	14.76	154	655478	36.277	nq	95
53) 3-Nitroaniline	14.58	138	199557	37.478	nq	99
54) 2,4-Dinitrophenol	14.78	184	77156	36.887	nq	# 80
55) Dibenzofuran	15.09	168	950200	36.264	nq	100
56) 4-Nitrophenol	14.88	139	152280	37.474	nq	99
57) 2,4-Dinitrotoluene	15.04	165	244624	38.513	nq	93
58) Fluorene	15.74	166	779121	36.147	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	226127	37.562	nq	99
60) Diethylphthalate	15.51	149	875025	36.514	nq	98
61) 4-Chlorophenyl-phenylether	15.73	204	419947	36.184	nq	99
62) 4-Nitroaniline	15.74	138	212507	37.428	nq	96
63) Azobenzene	16.03	77	896164	36.011	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	107381	37.040	nq	94
66) n-Nitrosodiphenylamine	15.94	169	695020	35.344	nq	99
67) 4-Bromophenyl-phenylether	16.62	248	291216	35.665	nq	96
68) Hexachlorobenzene	16.75	284	314135	35.462	nq	99
69) Atrazine	16.89	200	274496	38.101	nq	99
70) Pentachlorophenol	17.08	266	186144	38.191	nq	96
71) Phenanthrene	17.48	178	1293665	37.064	nq	99
72) Anthracene	17.57	178	1249079	36.293	nq	99
73) Carbazole	17.83	167	1207751	36.533	nq	99
74) Di-n-butylphthalate	18.40	149	1490609	37.091	nq	99
75) Fluoranthene	19.49	202	1533942	36.911	nq	99
77) Benzidine	19.66	184	811560	43.089	nq	99
78) Pyrene	19.84	202	1543919	36.272	nq	99
80) Butylbenzylphthalate	20.74	149	695698	36.739	nq	95
81) Benzo(a)anthracene	21.69	228	1502448	35.964	nq	100
82) 3,3'-Dichlorobenzidine	21.60	252	599323	37.083	nq	96
83) Chrysene	21.75	228	1459185	36.566	nq	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	945770	36.189	nq	99
85) Di-n-octyl phthalate	22.85	149	1613511	36.895	nq	99
86) Indeno(1,2,3-cd)pyrene	28.59	276	1902961	36.374	nq	# 95
88) Benzo(b)fluoranthene	23.91	252	1657752	36.716	nq	99
89) Benzo(k)fluoranthene	23.97	252	1509022	35.317	nq	99
90) Benzo(a)pyrene	24.77	252	1544376	36.555	nq	99
91) Dibenzo(a,h)anthracene	28.66	278	1501976	36.036	nq	99
92) Benzo(g,h,i)perylene	29.73	276	1520168	36.100	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampleId :

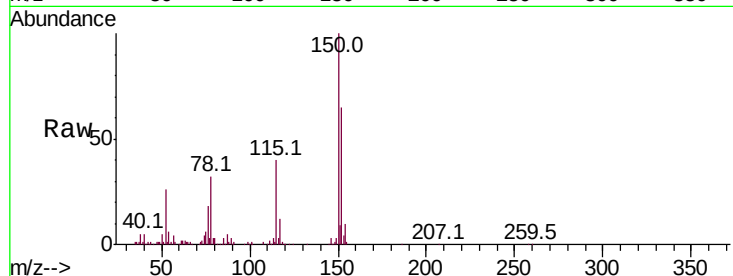
Tot Ion:152 Resp: 105661

Ion Ratio Lower Upper

152 100

150 154.3 125.3 187.9

115 61.3 51.7 77.5

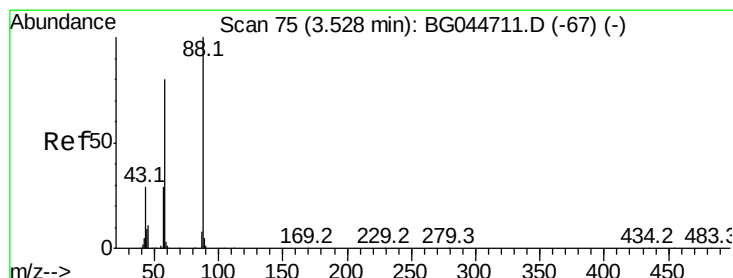
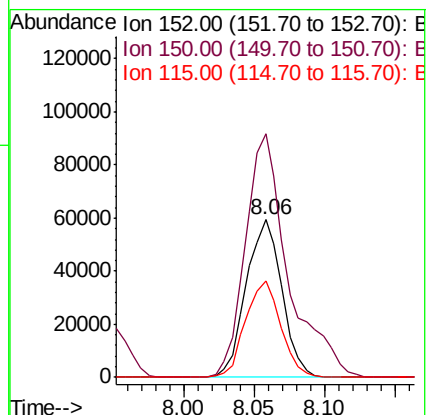
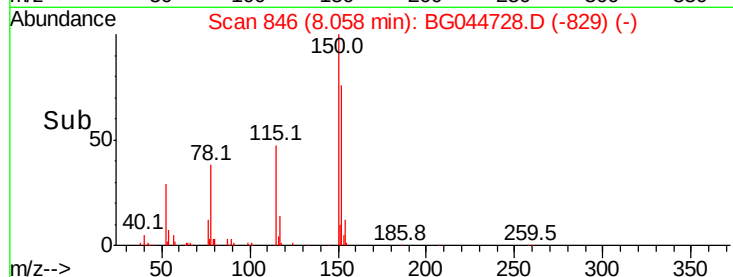


Abundance

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: 35.675 ng

RT: 3.53 min Scan# 75

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

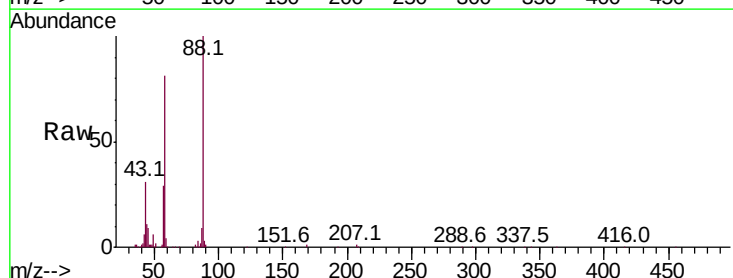
Tgt Ion: 88 Resp: 116605

Ion Ratio Lower Upper

88 100

58 82.4 63.0 94.4

43 30.5 23.2 34.8

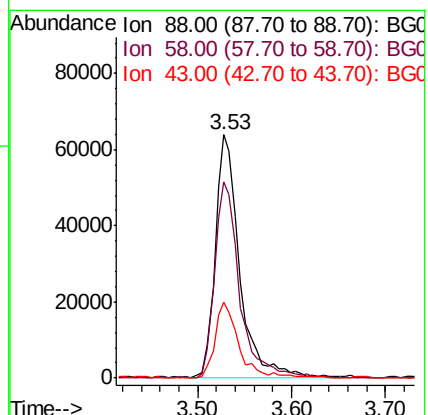
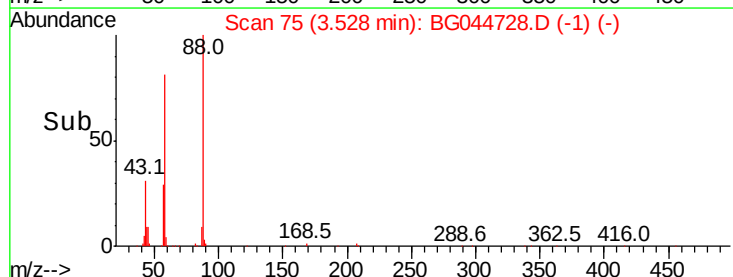


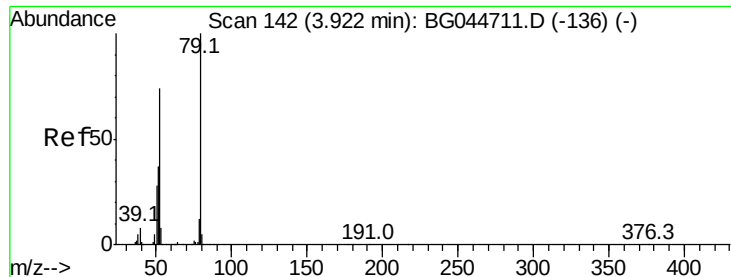
Abundance

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: 36.471 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampleId :

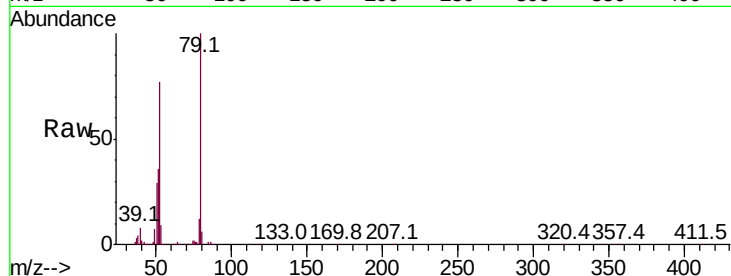
Tot Ion: 79 Resp: 352898

Ion Ratio Lower Upper

79 100

52 76.8 59.4 89.2

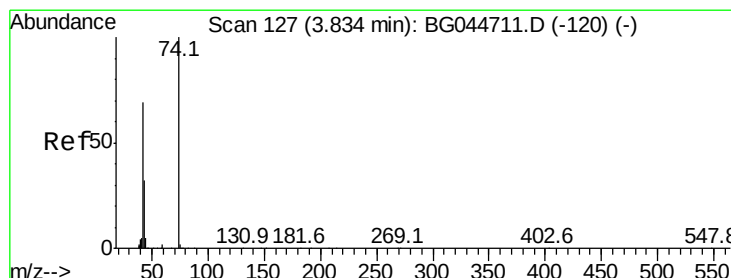
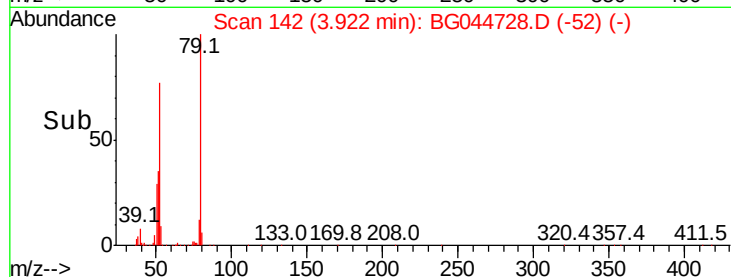
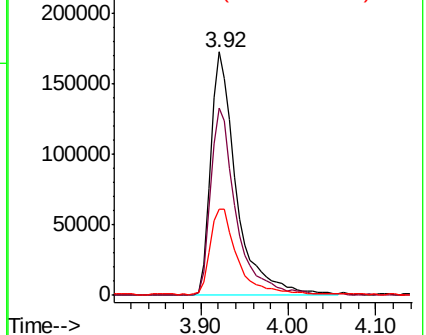
51 35.5 29.7 44.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.789 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

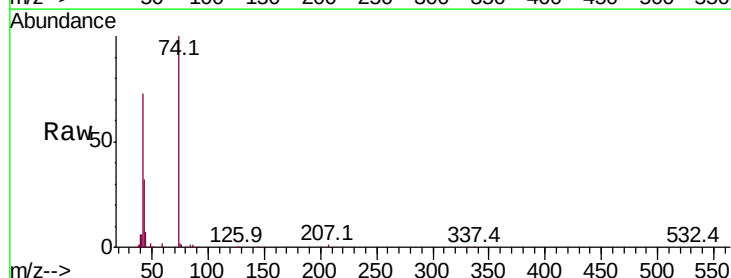
Tgt Ion: 42 Resp: 146079

Ion Ratio Lower Upper

42 100

74 136.9 116.1 174.1

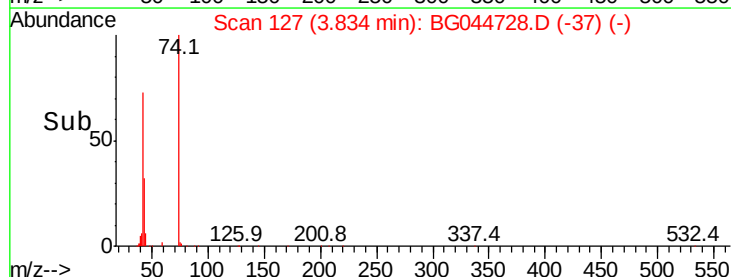
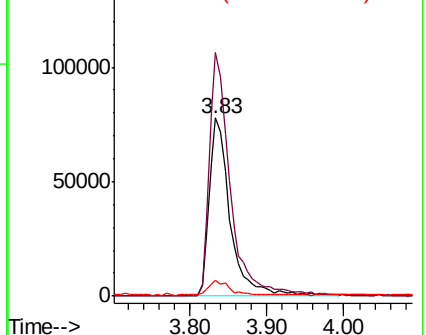
44 9.0 7.1 10.7

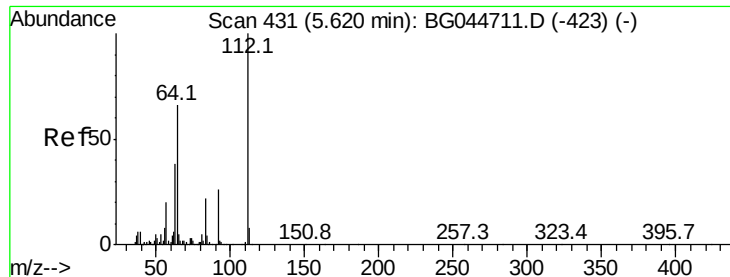


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 74.277 ng

RT: 5.62 min Scan# 431

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampleId :

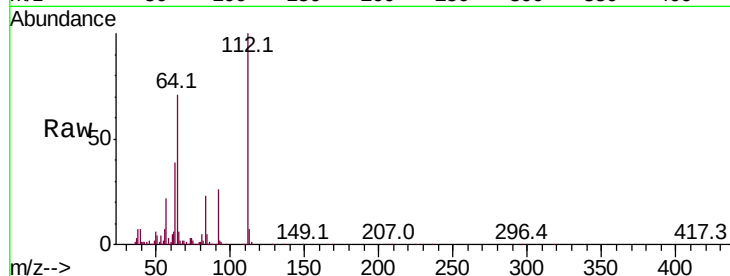
Tot Ion:112 Resp: 504157

Ion Ratio Lower Upper

112 100

64 71.0 52.6 78.8

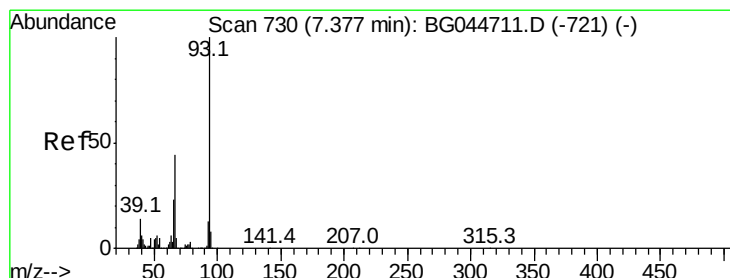
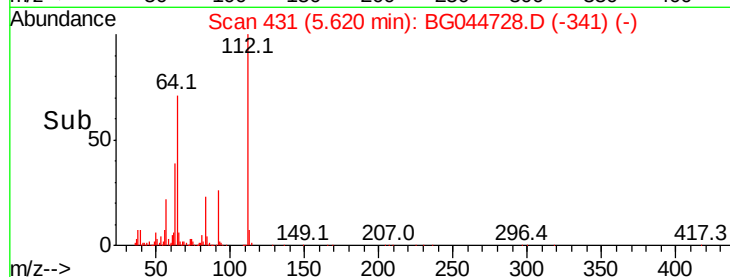
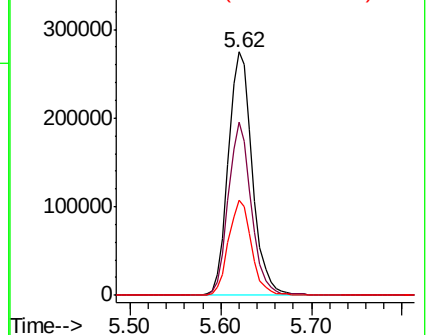
63 39.2 30.2 45.4



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: 36.814 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

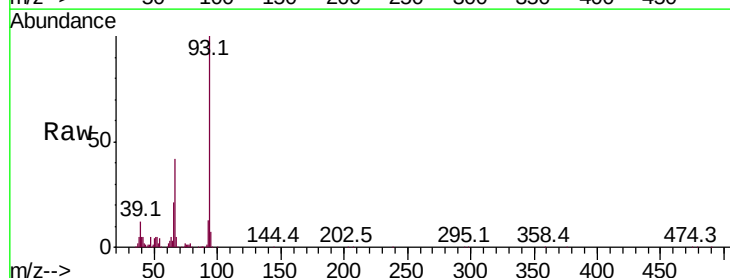
Tgt Ion: 93 Resp: 451752

Ion Ratio Lower Upper

93 100

66 42.0 35.3 52.9

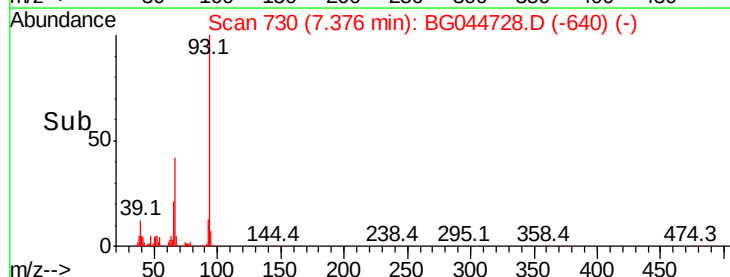
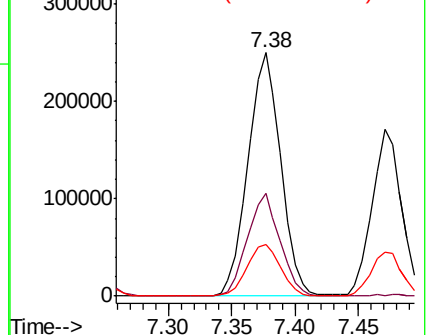
65 21.1 18.2 27.4

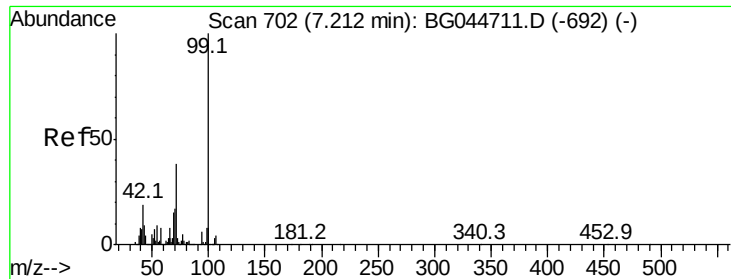


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 73.984 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

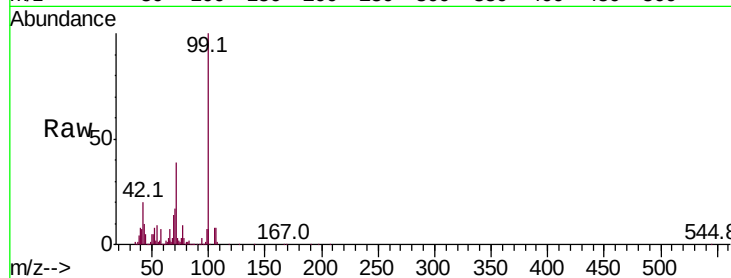
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 729620

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.4	23.0
71	38.6	30.2	45.4



Abundance

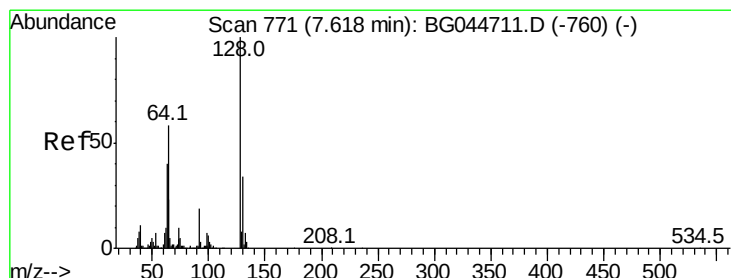
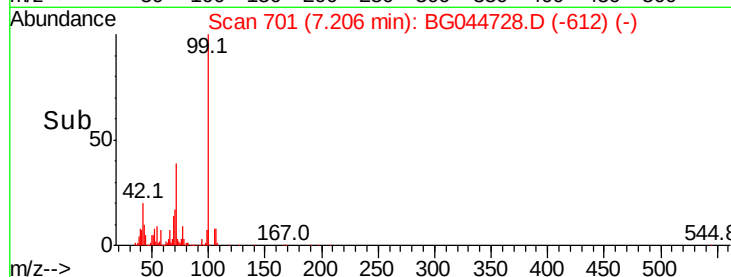
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

7.21

Time-->



#8

2-Chlorophenol

Concen: 37.038 ng

RT: 7.62 min Scan# 771

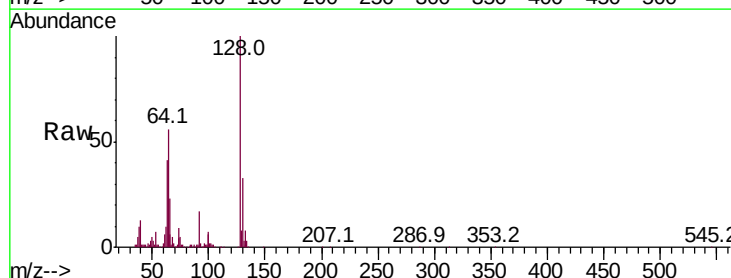
Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Tgt Ion:128 Resp: 250956

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.6	53.6
64	56.3	38.6	78.6



Abundance

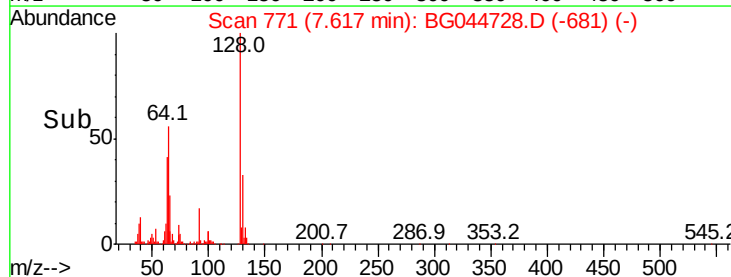
Ion 128.00 (127.70 to 128.70): E

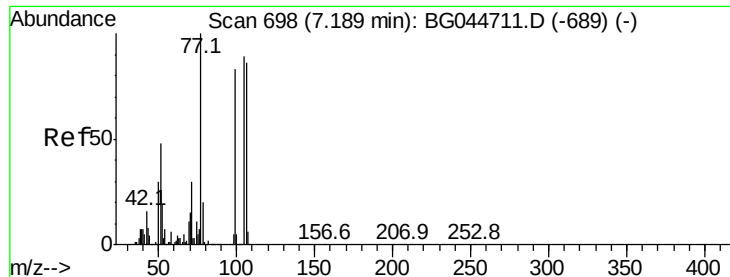
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC

7.62

Time-->





#9

Benzaldehyde

Concen: 35.187 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampleId :

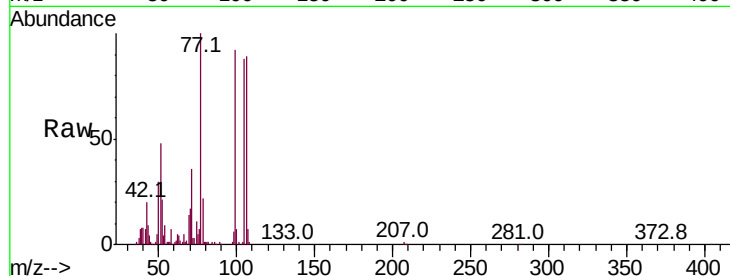
Tot Ion: 77 Resp: 218678

Ion Ratio Lower Upper

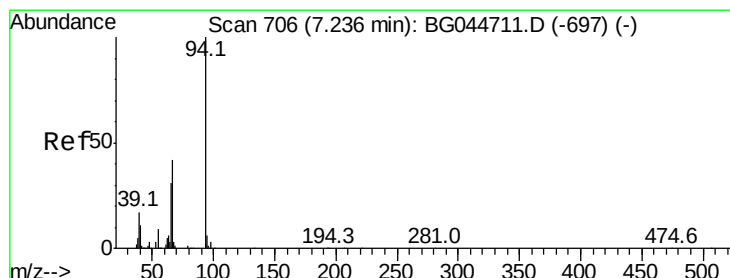
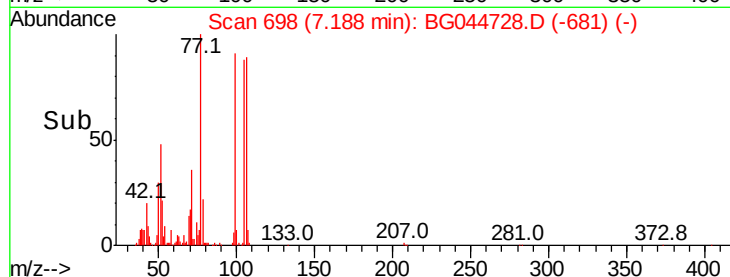
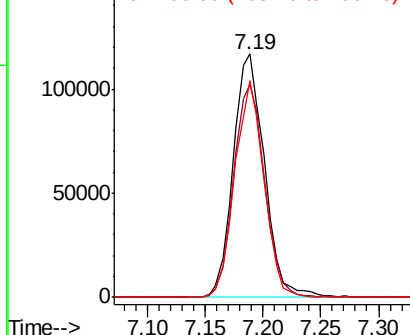
77 100

105 87.6 68.6 108.6

106 88.9 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: 37.152 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

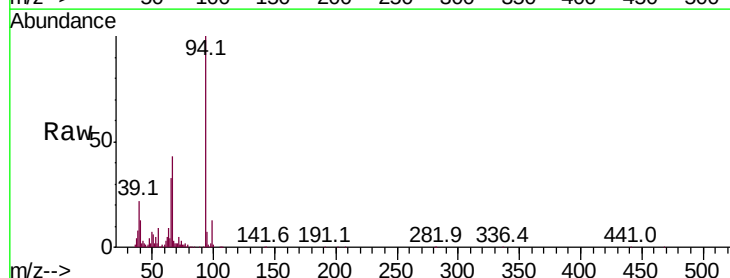
Tgt Ion: 94 Resp: 362729

Ion Ratio Lower Upper

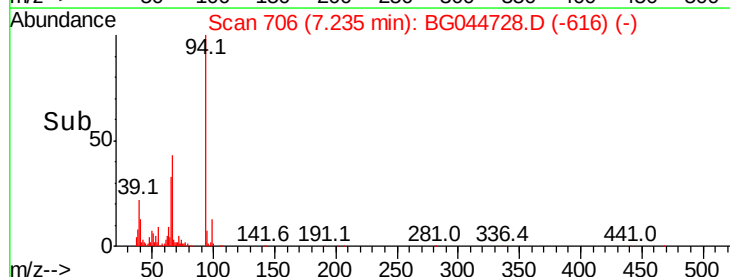
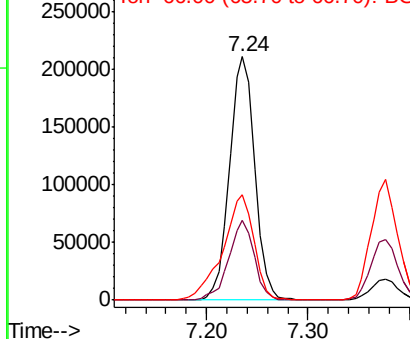
94 100

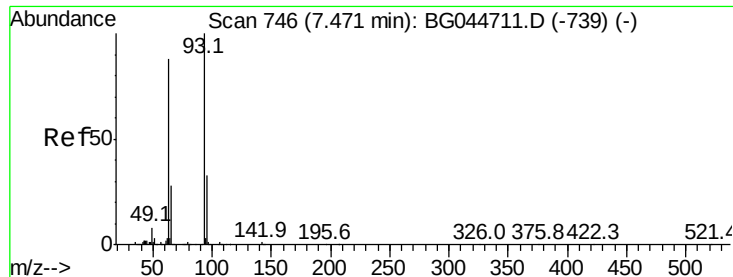
65 32.7 11.3 51.3

66 43.0 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: 35.339 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampleId :

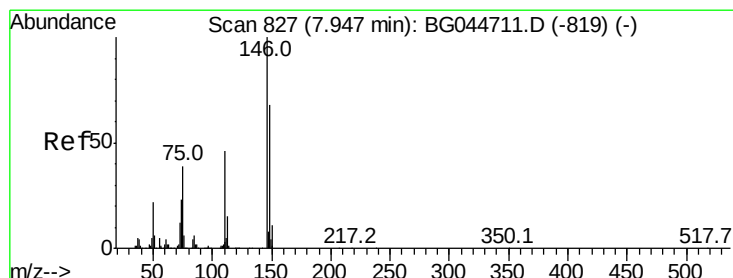
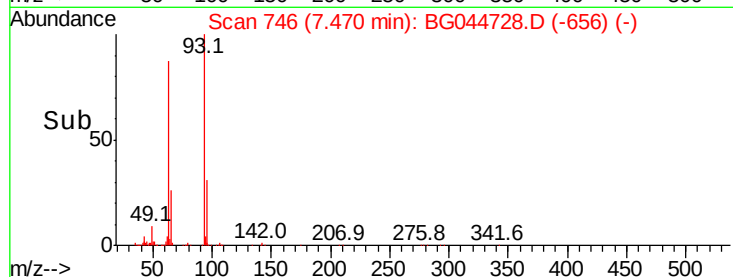
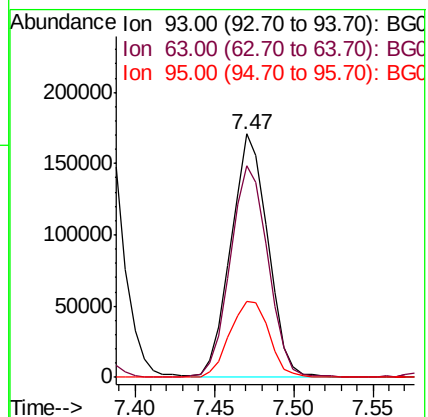
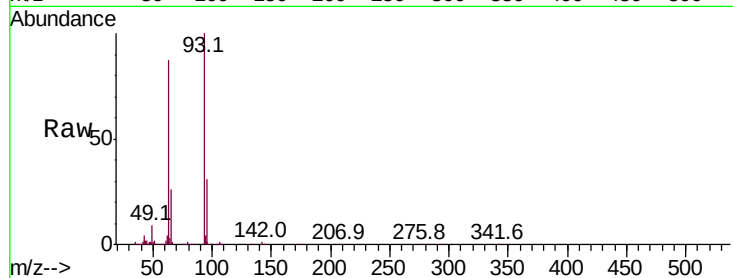
Tot Ion: 93 Resp: 275360

Ion	Ratio	Lower	Upper
93	100		
63	87.2	68.1	108.1
95	31.3	12.4	52.4

93 100

63 87.2 68.1 108.1

95 31.3 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 36.529 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

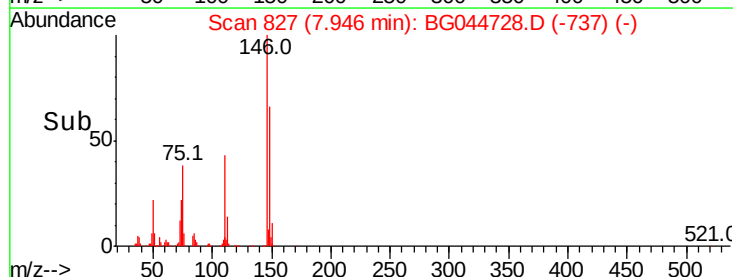
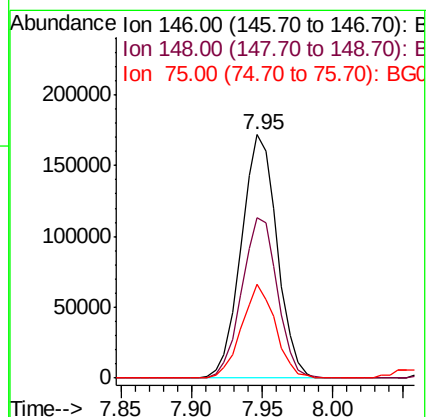
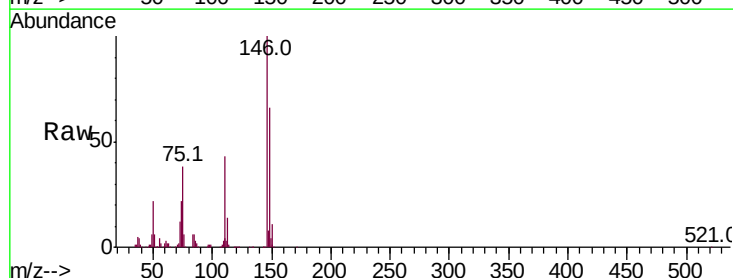
Tgt Ion: 146 Resp: 304899

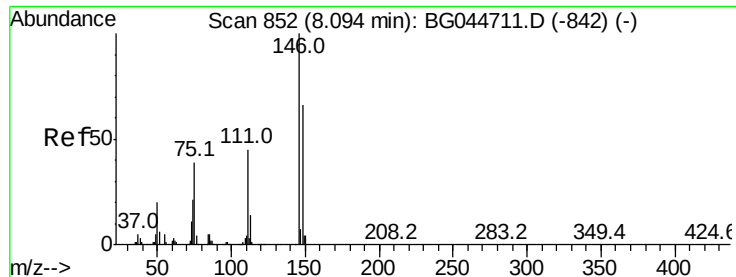
Ion	Ratio	Lower	Upper
146	100		
148	65.8	54.2	81.2
75	38.4	31.3	46.9

146 100

148 65.8 54.2 81.2

75 38.4 31.3 46.9

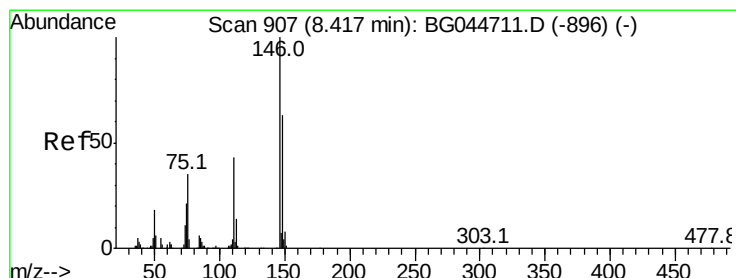
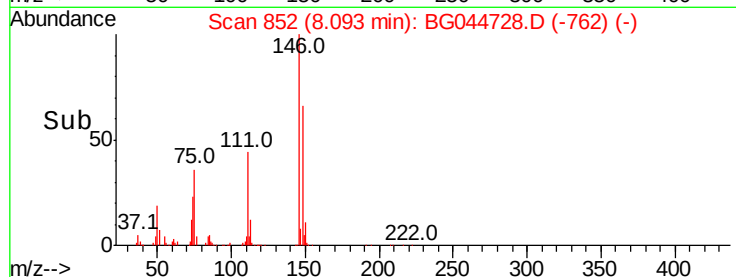
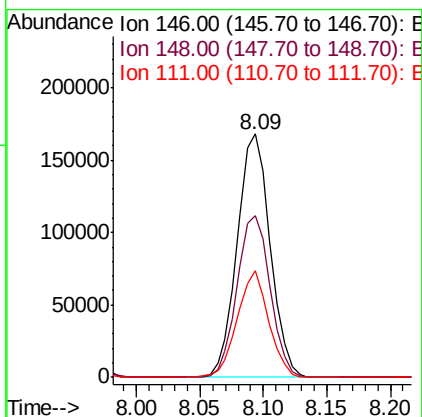
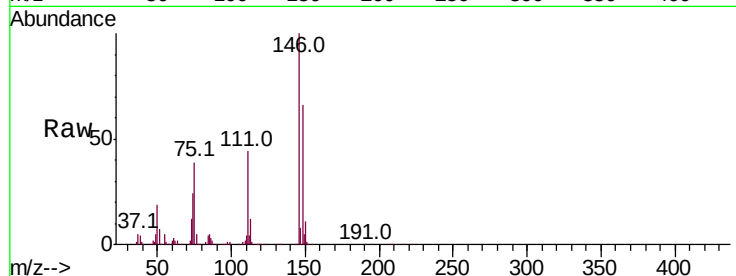




#13
 1,4-Dichlorobenzene
 Concen: 36.747 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG044728.D
 Acq: 12 Mar 2020 10:11

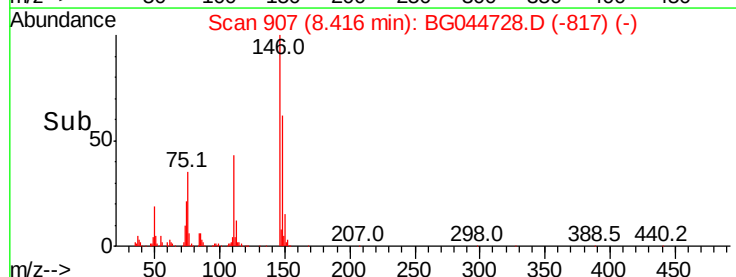
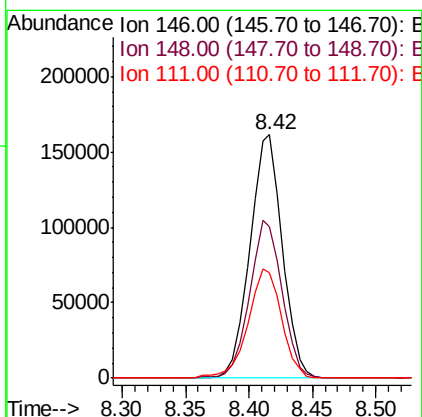
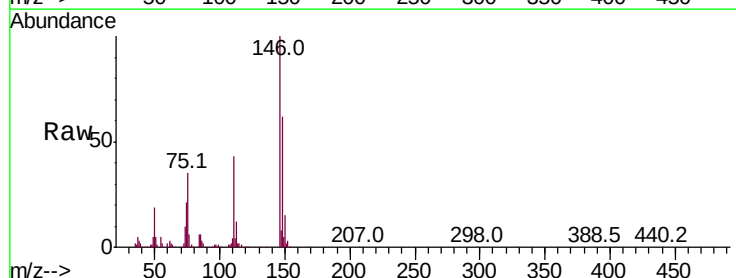
Instrument :
 BNA_G
 ClientSampleId :

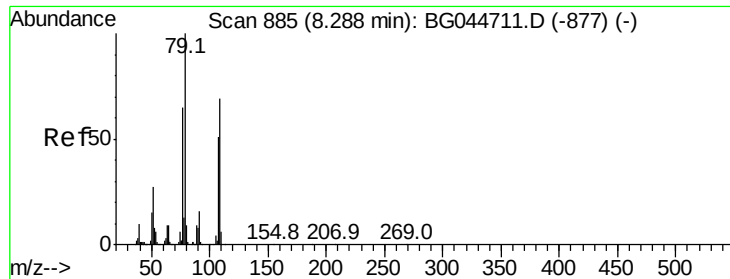
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.9	79.3
111	44.0	35.6	53.4



#14
 1,2-Dichlorobenzene
 Concen: 36.605 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BG044728.D
 Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.8	76.2
111	43.2	34.8	52.2

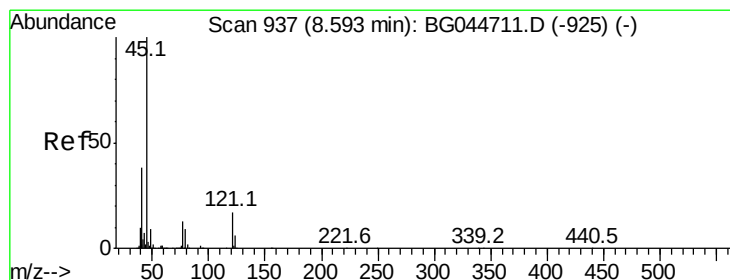
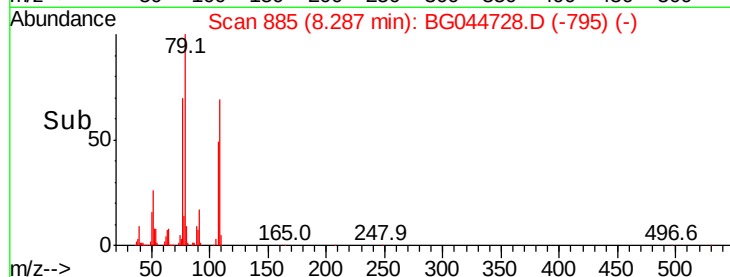
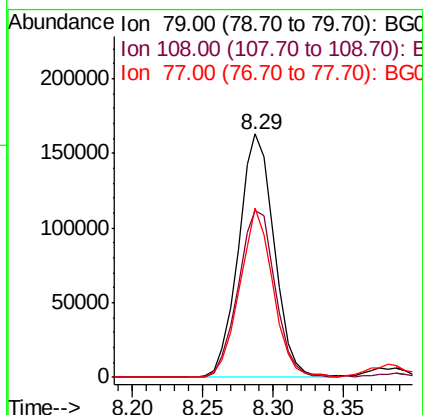
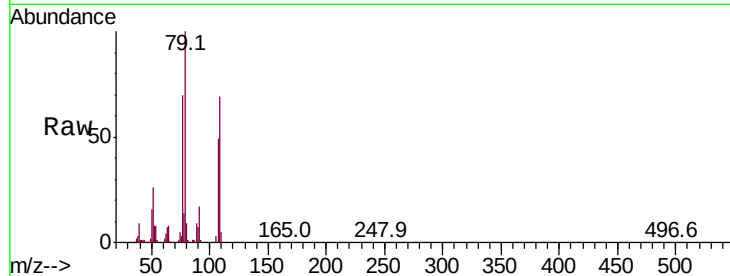




#15
Benzyl Alcohol
Concen: 36.344 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

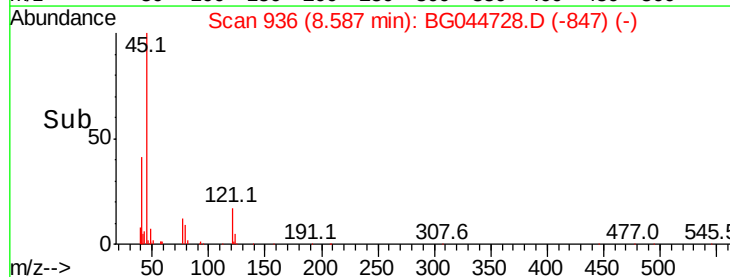
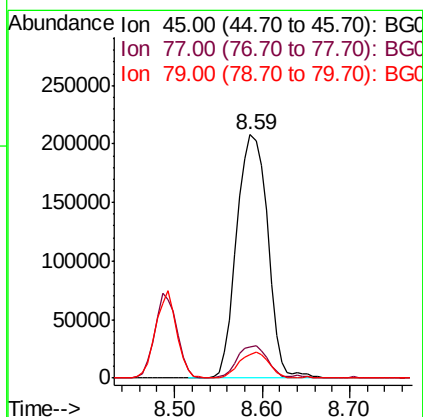
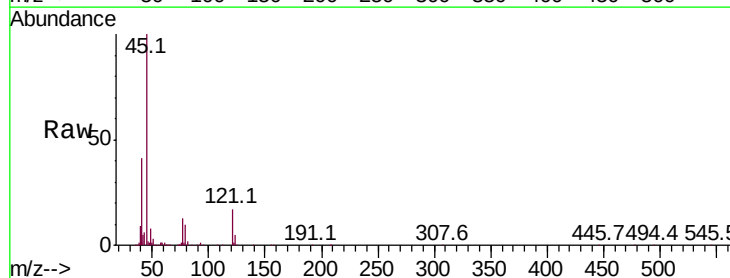
Instrument :
BNA_G
ClientSampleId :

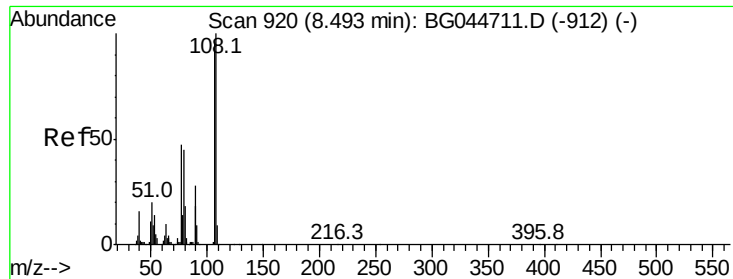
Tot Ion: 79 Resp: 287574
Ion Ratio Lower Upper
79 100
108 68.6 55.4 83.0
77 69.5 52.2 78.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.359 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

Tgt Ion: 45 Resp: 499969
Ion Ratio Lower Upper
45 100
77 12.8 0.0 33.4
79 9.8 0.0 30.0





#17

2-Methylphenol

Concen: 36.432 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 240943

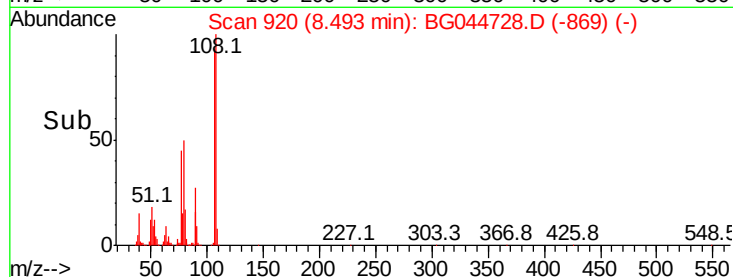
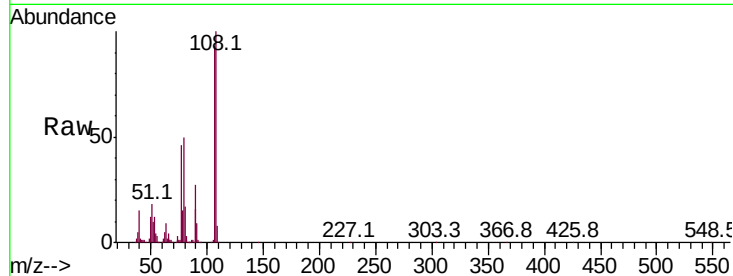
Ion Ratio Lower Upper

107 100

108 107.8 83.2 124.8

77 49.1 39.0 58.6

79 54.1 37.6 56.4

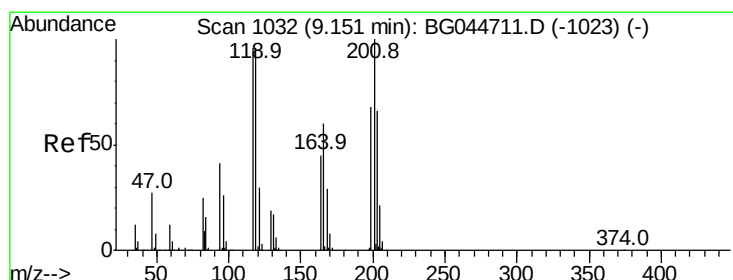
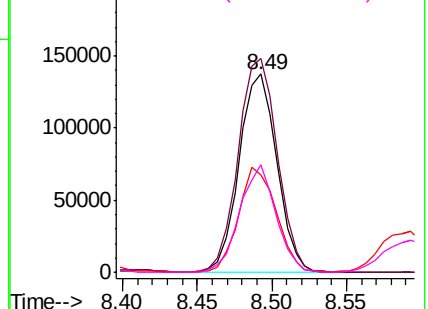


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.805 ng

RT: 9.15 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

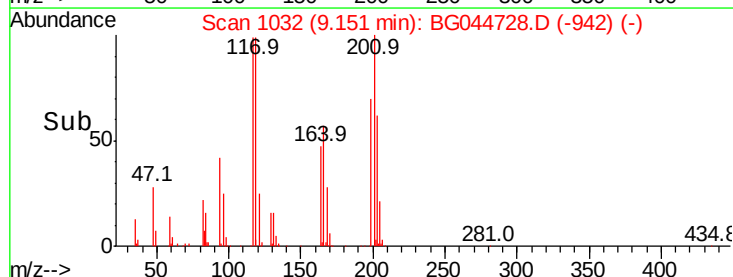
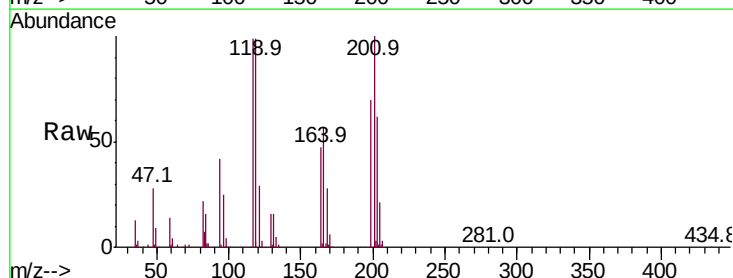
Tgt Ion:117 Resp: 119568

Ion Ratio Lower Upper

117 100

119 99.6 80.2 120.4

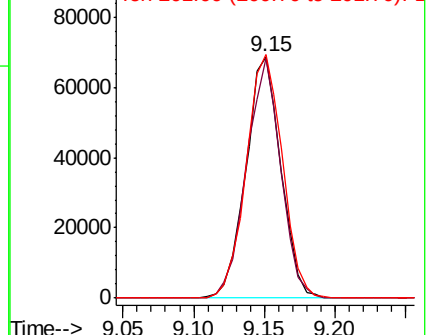
201 100.9 83.4 125.2

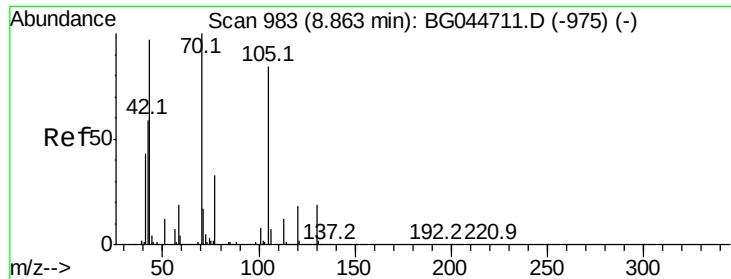


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

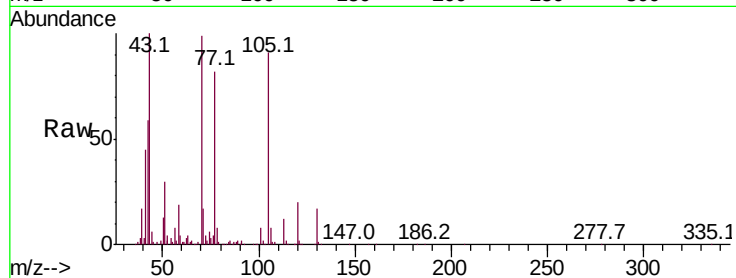




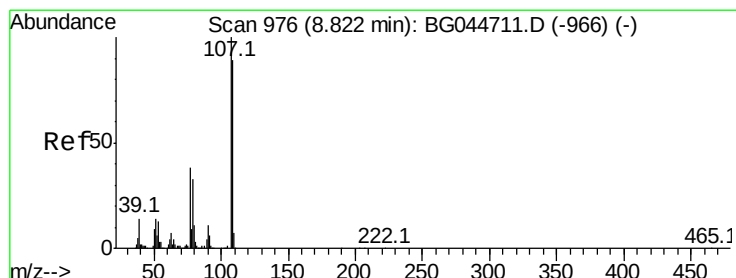
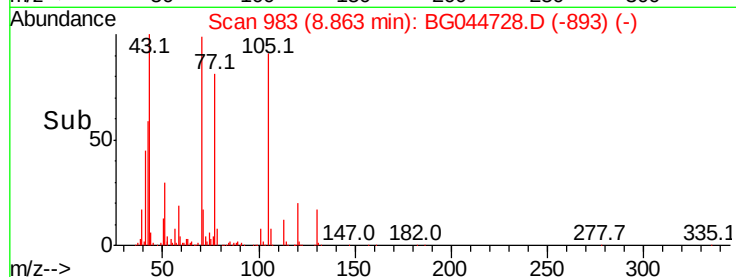
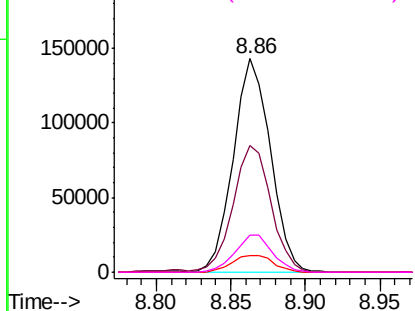
#19
n-Nitroso-di-n-propylamine
Concen: 35.526 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	247383
Ion	Ratio	Lower	Upper
70	100		
42	59.3	47.6	71.4
101	7.9	6.5	9.7
130	17.7	15.0	22.4

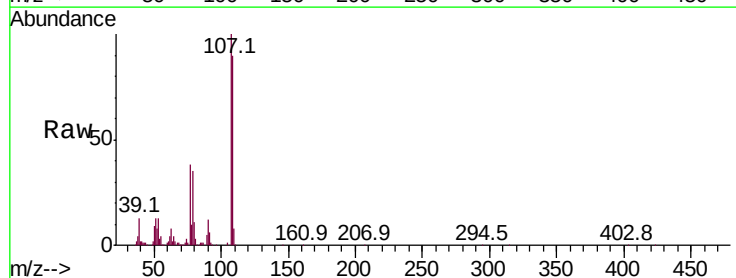


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

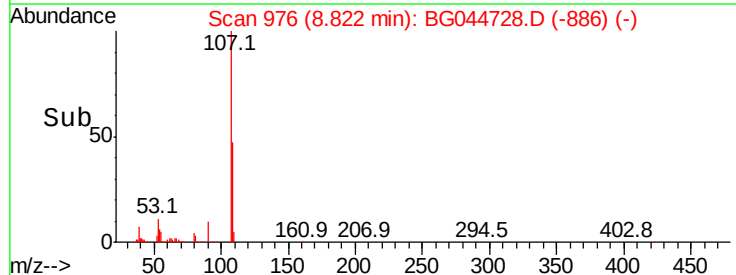
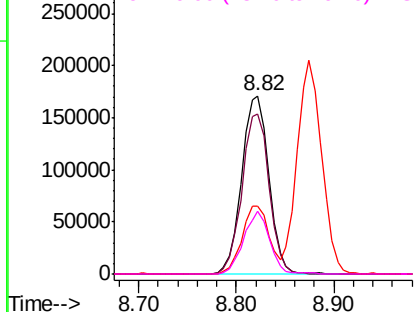


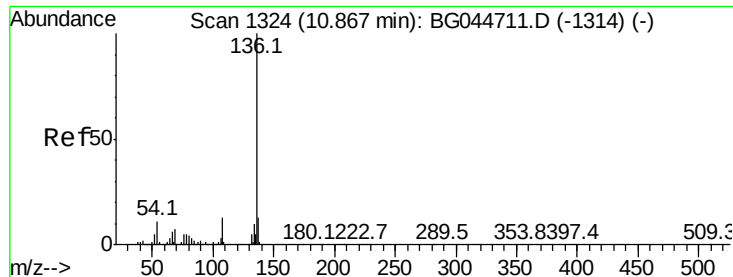
#20
3+4-Methylphenols
Concen: 36.434 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

Tgt Ion:	107	Resp:	332163
Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.1	109.1
77	38.3	17.7	57.7
79	35.1	13.0	53.0



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

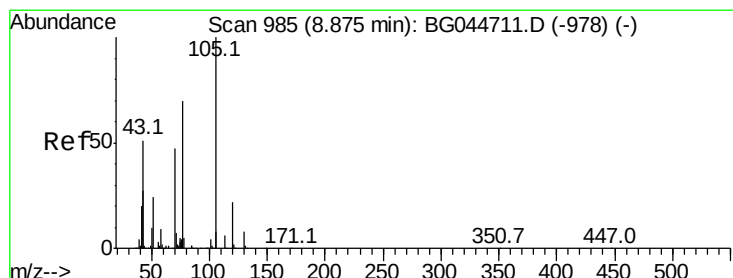
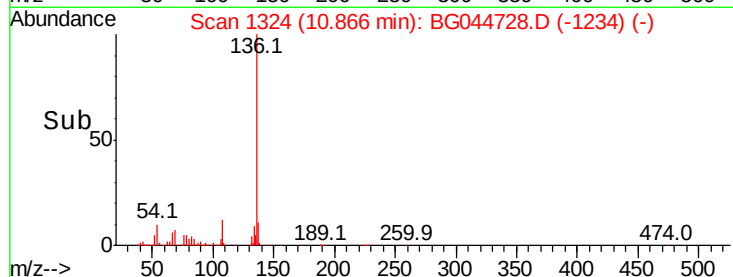
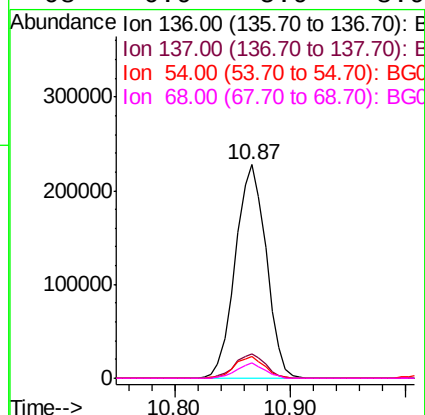
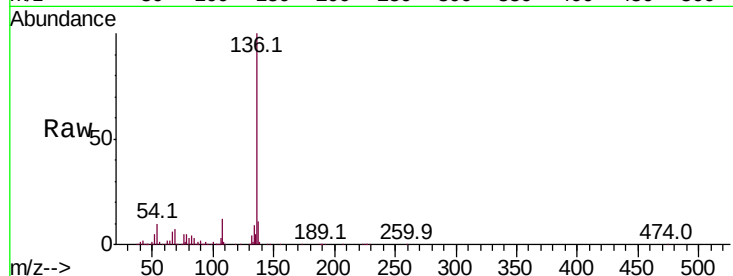




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

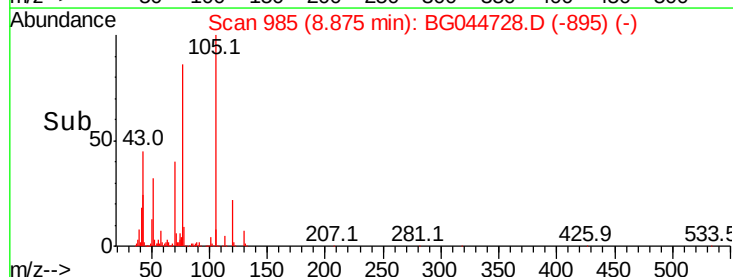
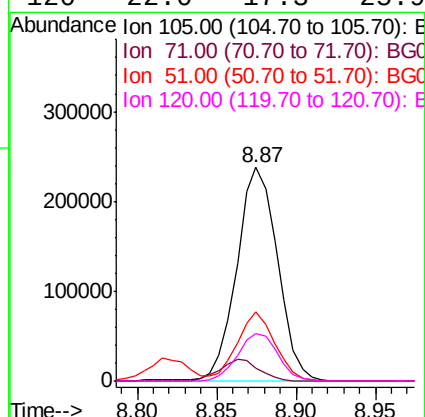
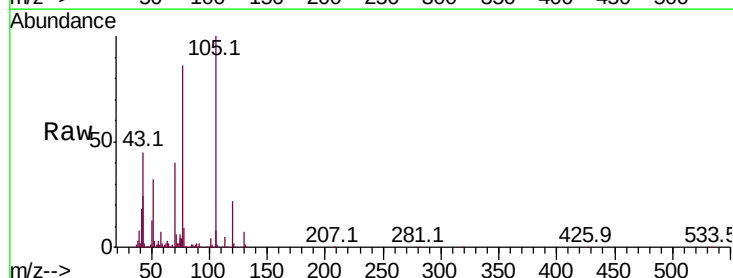
Instrument :
BNA_G
ClientSampleId :

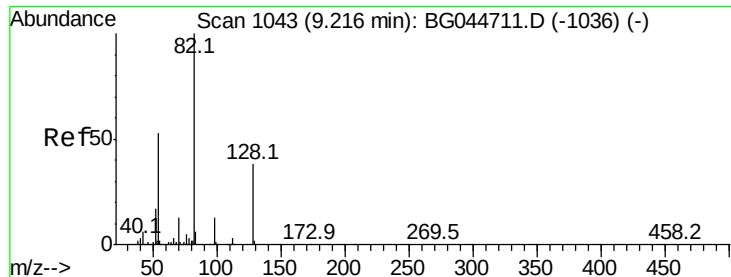
Tot Ion:136	Resp:	420070
Ion Ratio	Lower	Upper
136 100		
137 11.5	10.7	16.1
54 10.4	9.0	13.4
68 6.9	5.9	8.9



#22
Acetophenone
Concen: 35.559 ng
RT: 8.87 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

Tgt	Ion:105	Resp:	423170
Ion	Ratio	Lower	Upper
105	100		
71	6.3	5.8	8.8
51	32.4	23.8	35.8
120	22.0	17.3	25.9

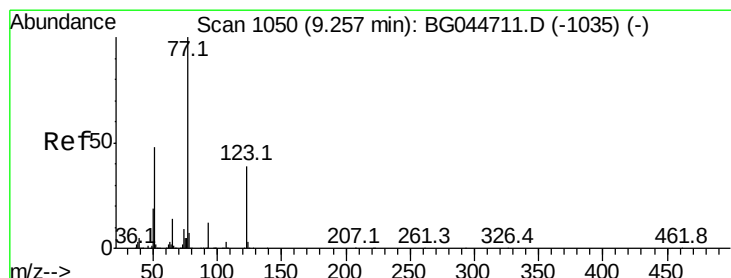
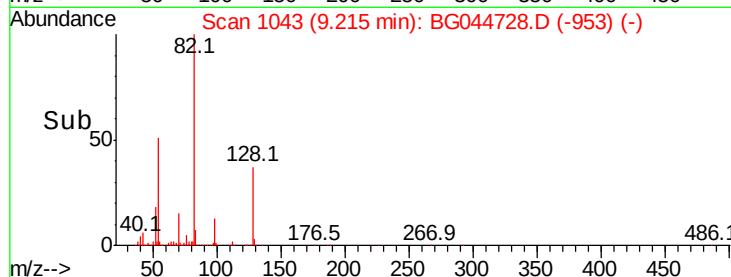
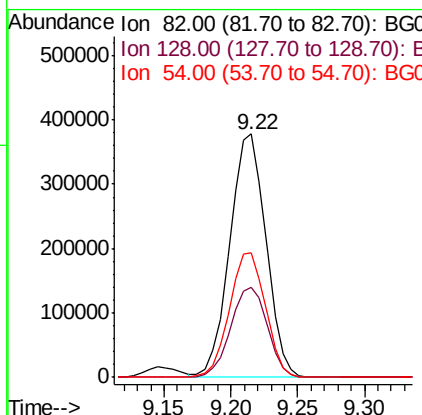
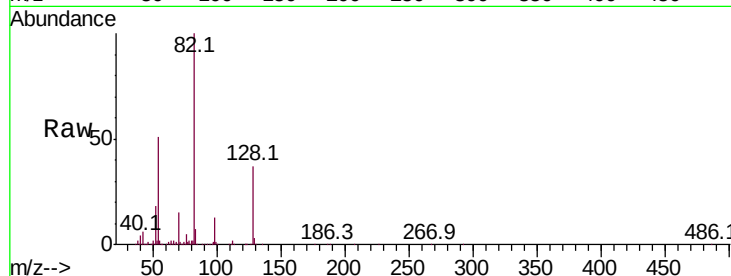




#23
 Nitrobenzene-d5
 Concen: 74.328 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG044728.D
 Acq: 12 Mar 2020 10:11

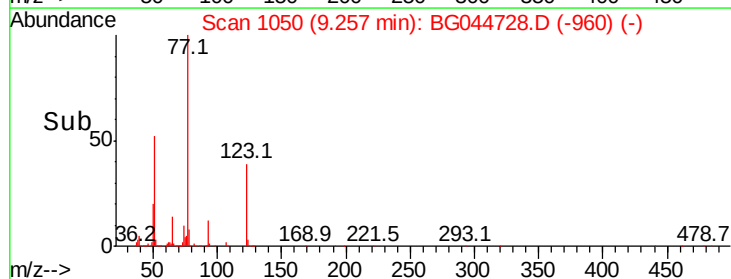
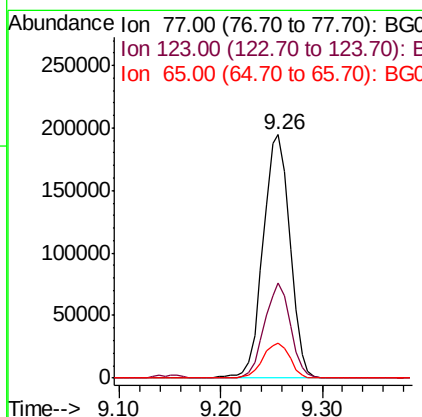
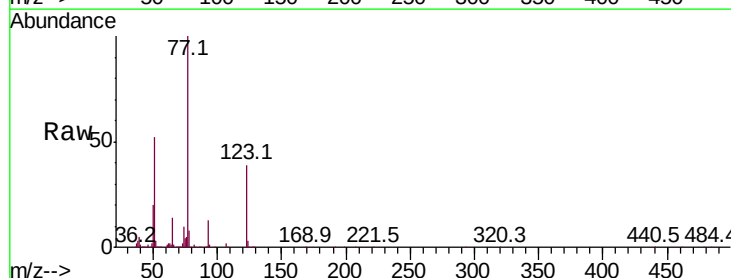
Instrument :
 BNA_G
 ClientSampled :

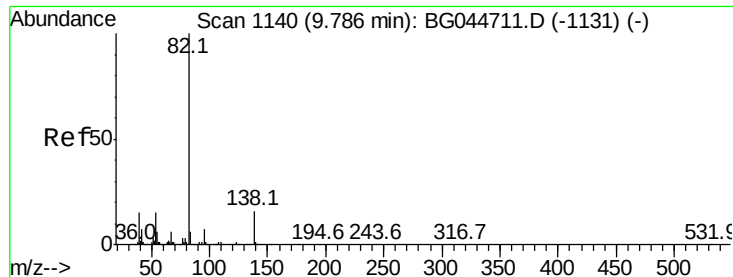
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.2	45.2
54	51.3	41.8	62.8



#24
 Nitrobenzene
 Concen: 36.057 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG044728.D
 Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	31.5	47.3
65	14.2	11.0	16.4





#25

Isophorone

Concen: 35.001 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampleId :

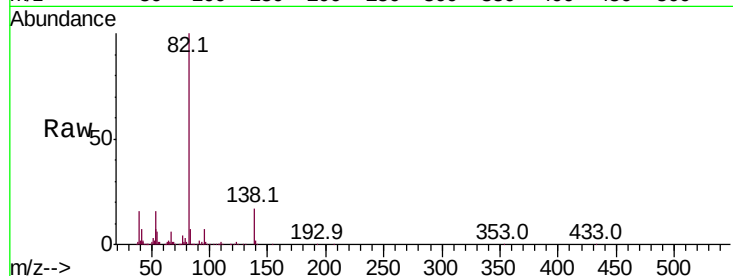
Tot Ion: 82 Resp: 653944

Ion Ratio Lower Upper

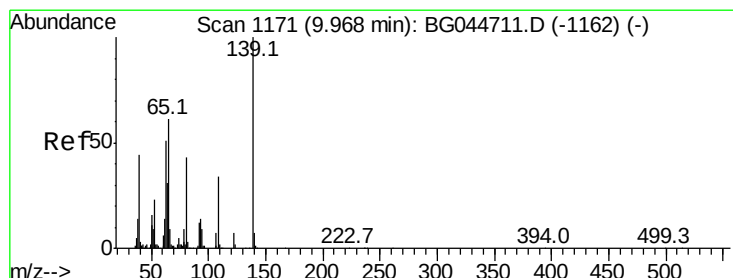
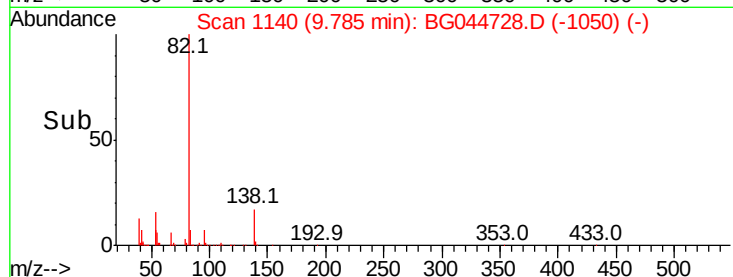
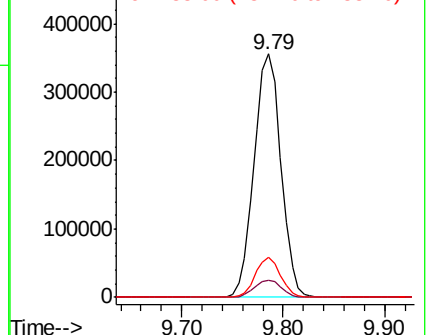
82 100

95 7.2 5.6 8.4

138 16.5 13.0 19.4



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



#26

2-Nitrophenol

Concen: 38.860 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

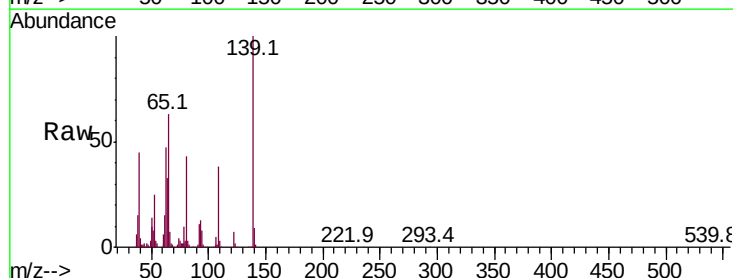
Tgt Ion: 139 Resp: 129912

Ion Ratio Lower Upper

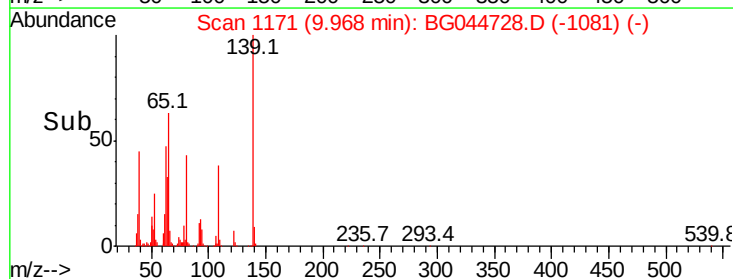
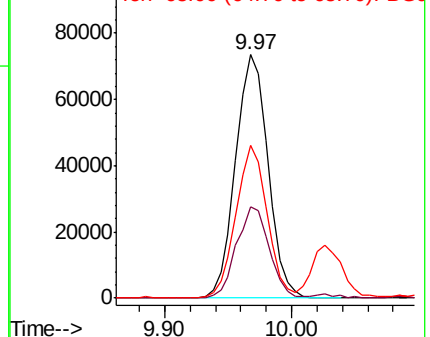
139 100

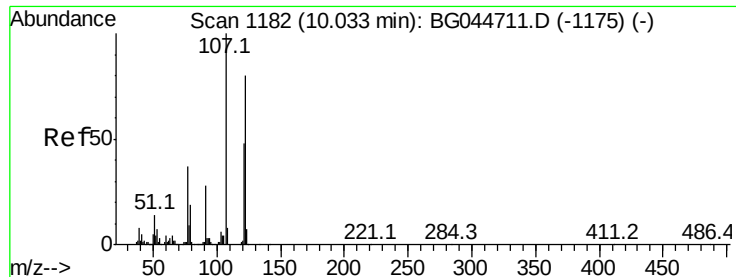
109 37.6 27.0 40.4

65 62.8 48.6 73.0



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

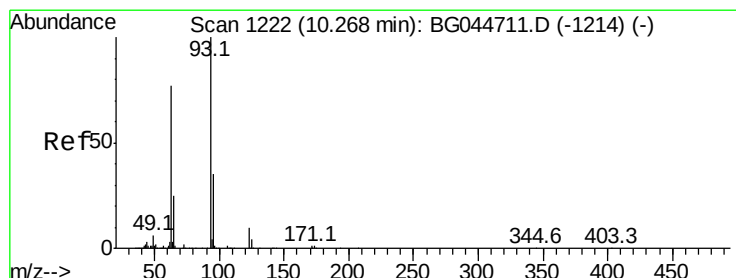
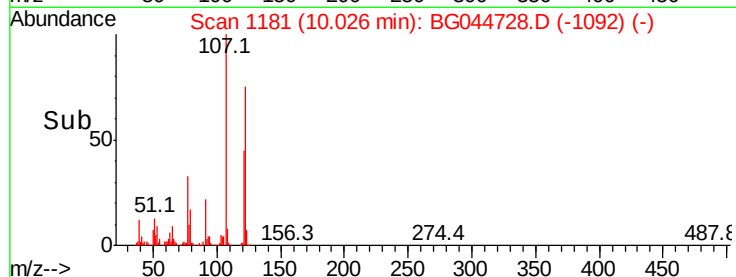
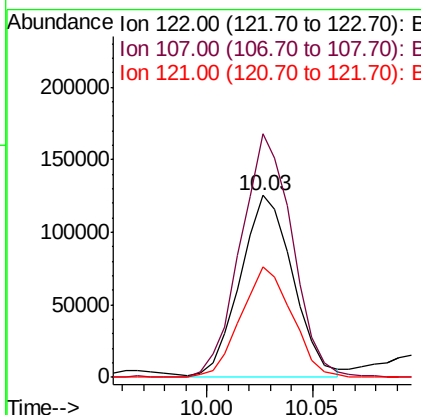
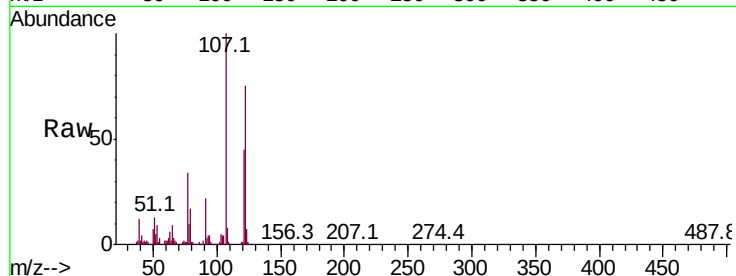




#27
2,4-Dimethylphenol
Concen: 35.504 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

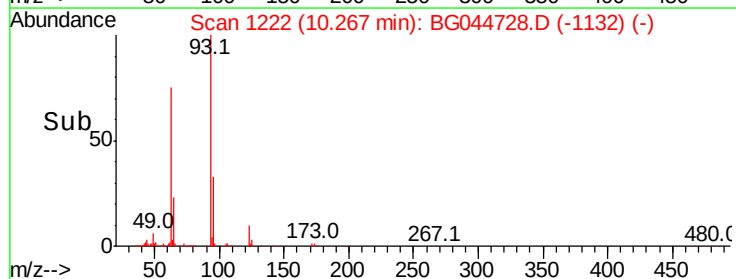
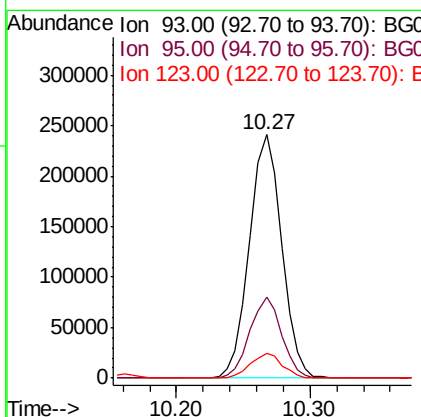
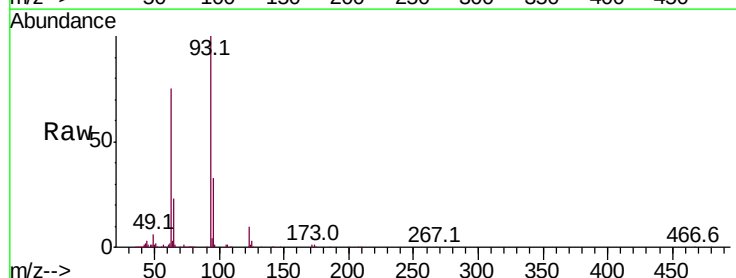
Instrument :
BNA_G
ClientSampleId :

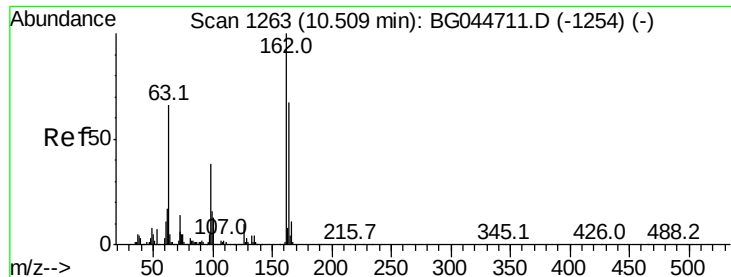
Tot Ion	Ratio	Lower	Upper
122	100		
107	134.1	99.0	148.6
121	60.6	47.6	71.4



#28
bis(2-Chloroethoxy)methane
Concen: 36.085 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	27.7	41.5
123	10.3	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 37.091 ng

RT: 10.50 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BG044728.D

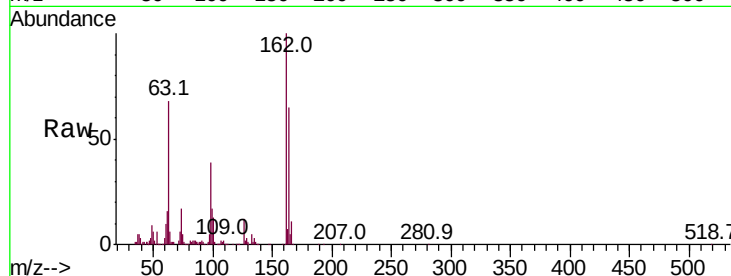
Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion:162	Resp:	263592
Ion Ratio	Lower	Upper
162	100	
164	64.8	46.5 86.5
98	39.0	18.1 58.1

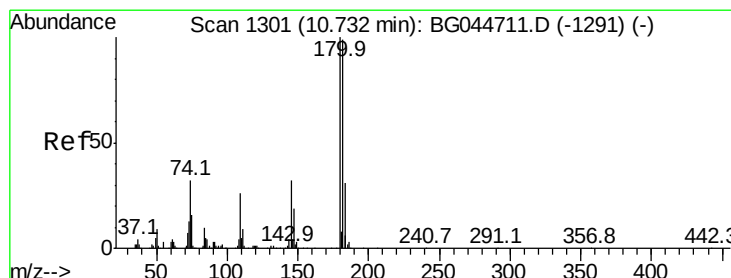
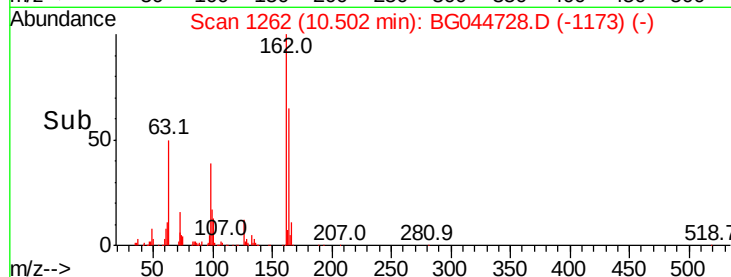
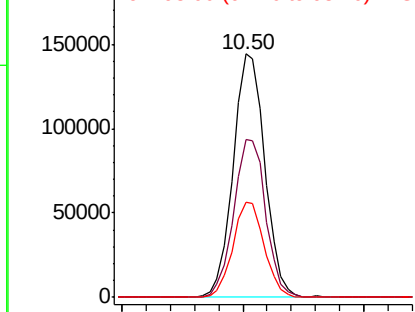


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 36.019 ng

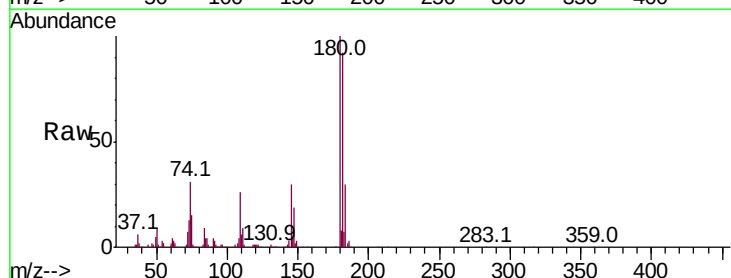
RT: 10.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Tgt Ion:180	Resp:	306065
Ion Ratio	Lower	Upper
180	100	
182	92.4	78.8 118.2
145	30.0	25.4 38.0

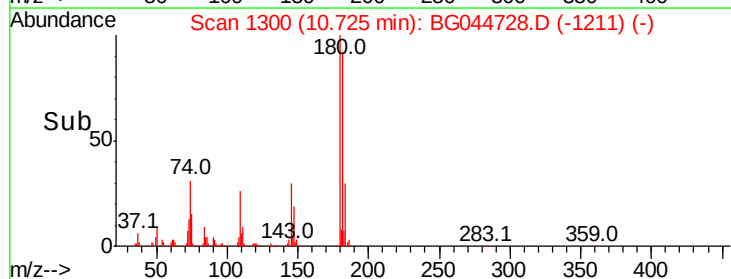
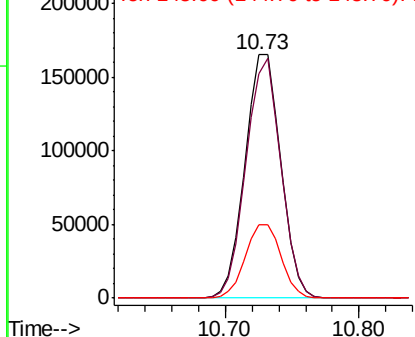


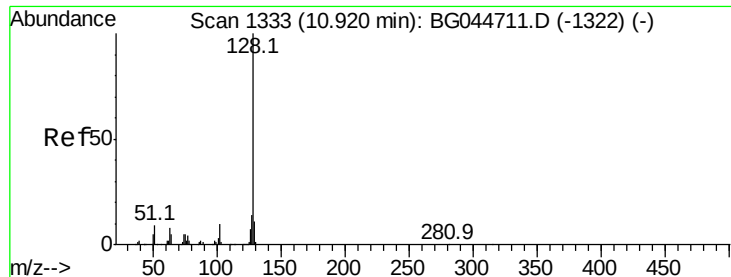
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

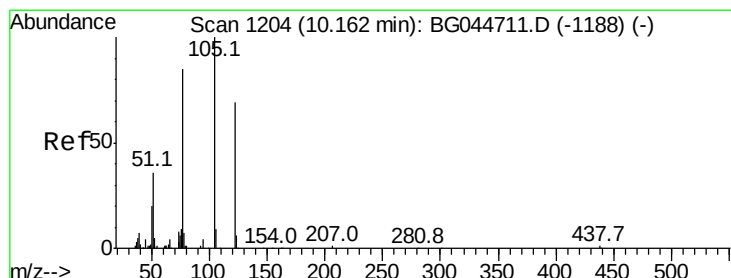
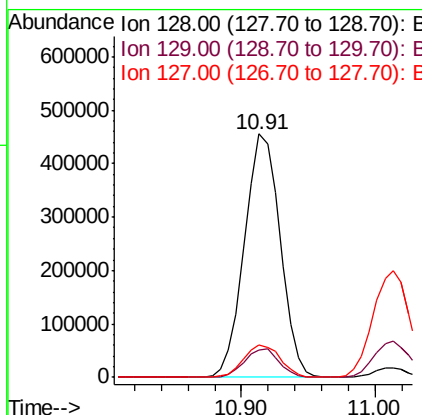
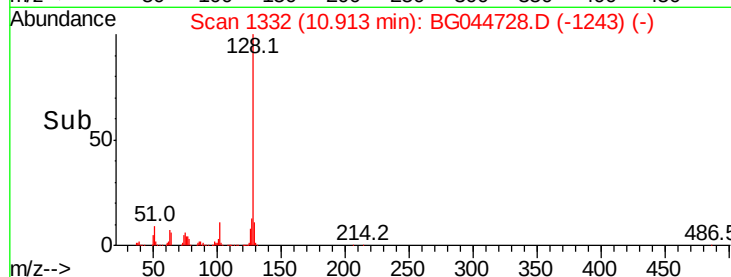
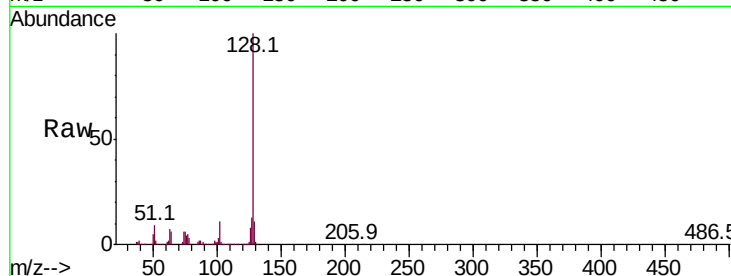




#31
Naphthalene
Concen: 36.167 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

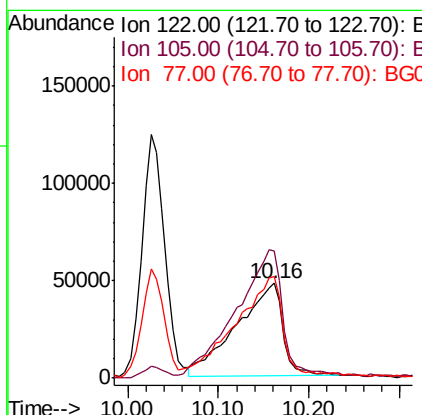
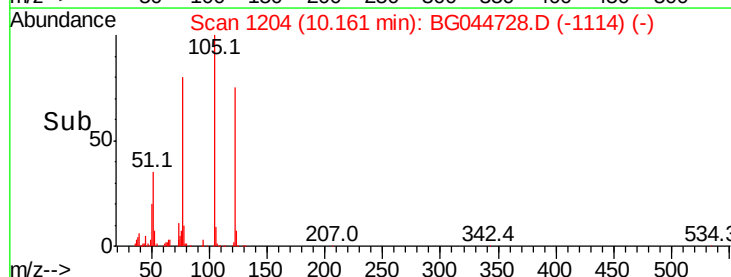
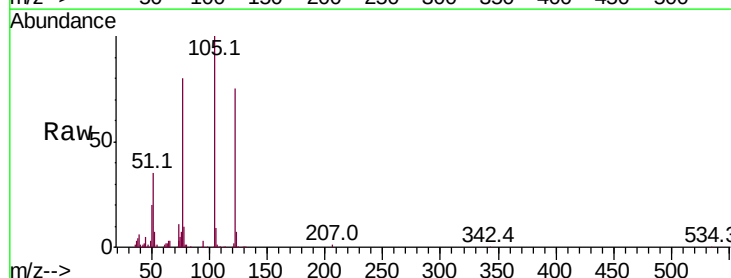
Instrument :
BNA_G
ClientSampleId :

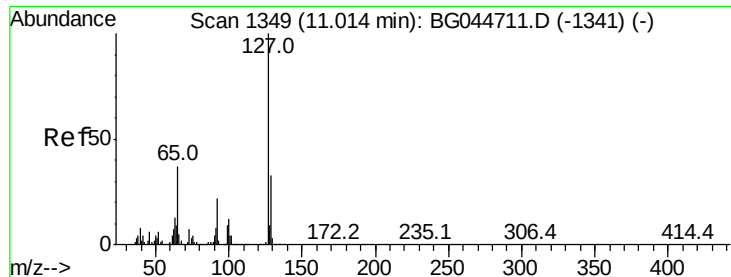
Tot Ion:128 Resp: 841595
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.2 11.0 16.6



#32
Benzoic acid
Concen: 38.496 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

Tgt Ion:122 Resp: 171099
Ion Ratio Lower Upper
122 100
105 133.5 119.0 159.0
77 107.3 96.4 136.4

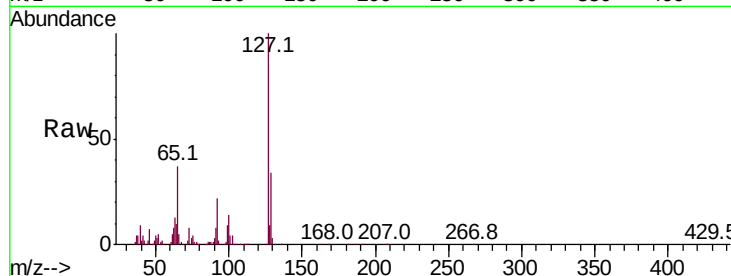




#33
4-Chloroaniline
Concen: 35.727 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	374553
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.2	39.4
65	37.2	29.6	44.4
92	22.2	17.4	26.0



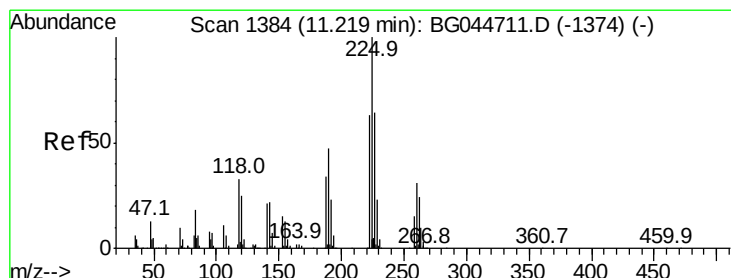
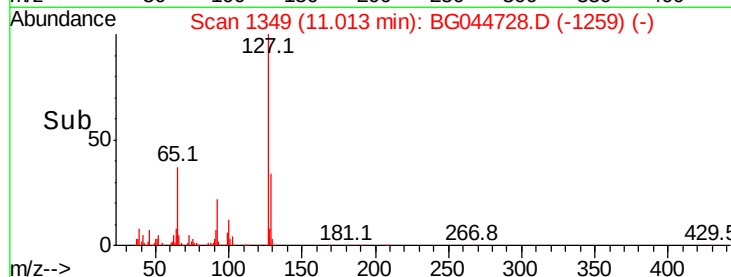
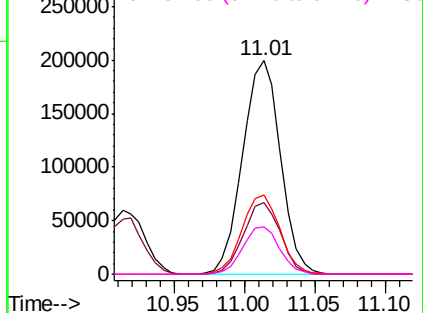
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

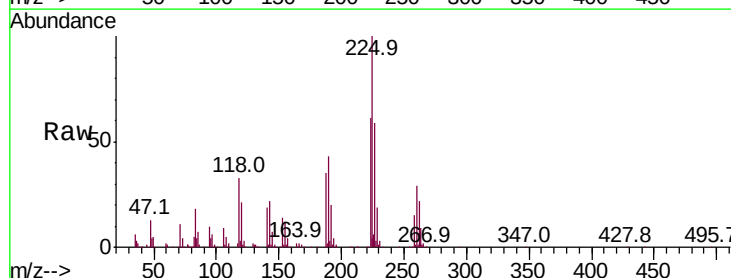
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 37.214 ng
RT: 11.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

Tgt Ion:	225	Resp:	207954
Ion	Ratio	Lower	Upper
225	100		
223	60.8	50.6	76.0
227	59.0	51.6	77.4

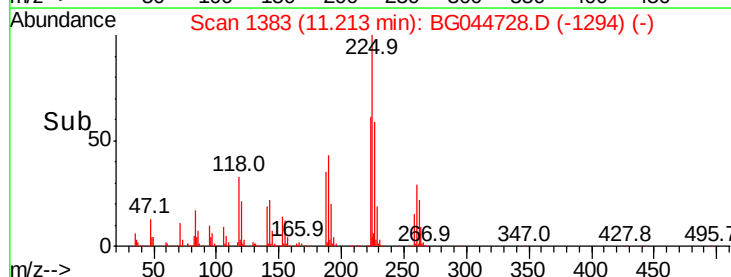
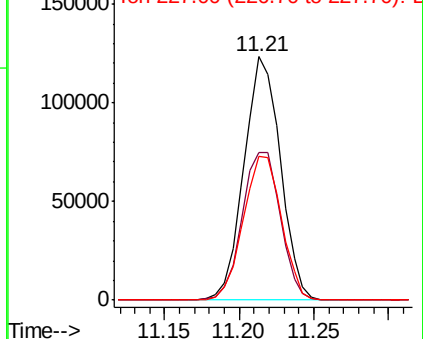


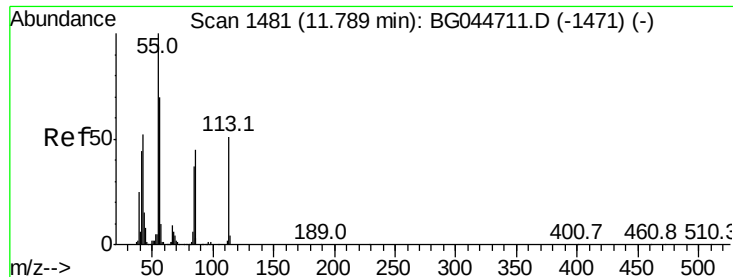
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

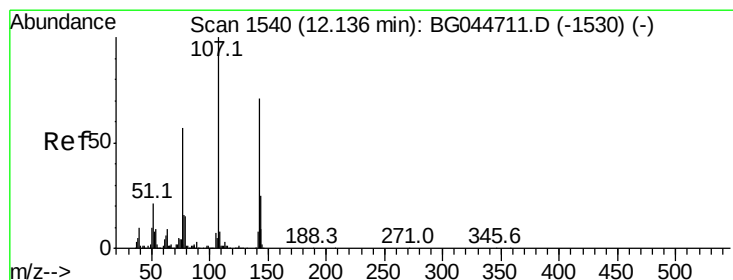
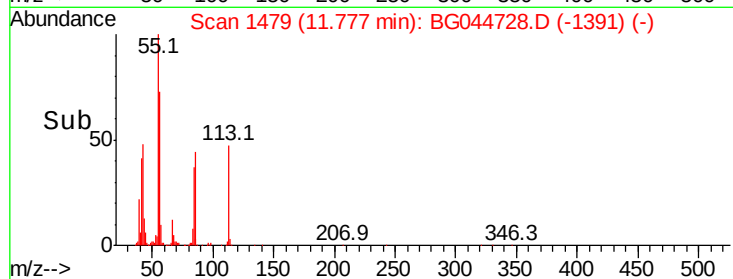
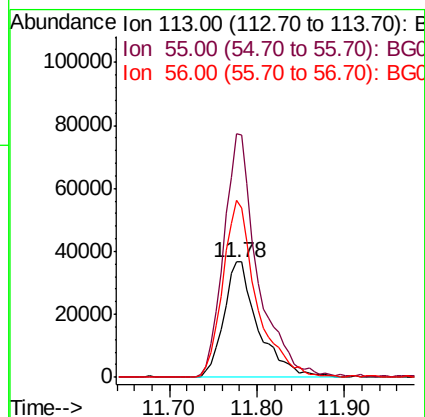
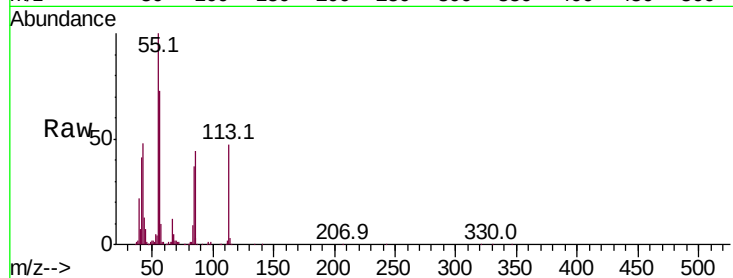




#35
 Caprolactam
 Concen: 36.856 ng
 RT: 11.78 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BG044728.D
 Acq: 12 Mar 2020 10:11

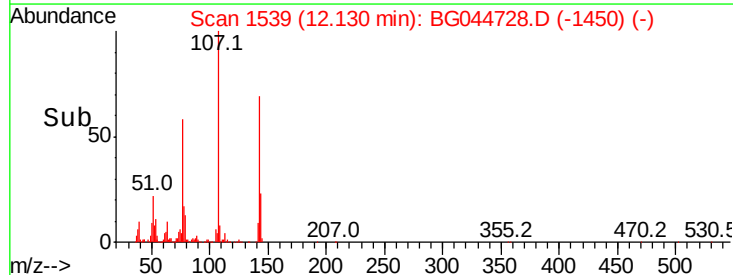
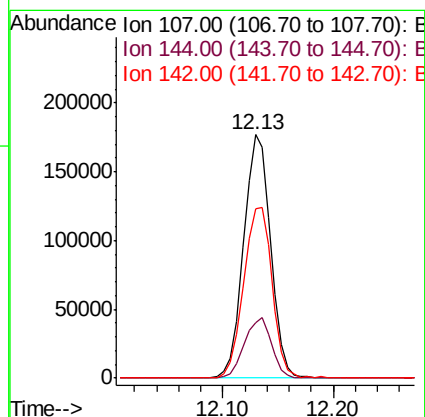
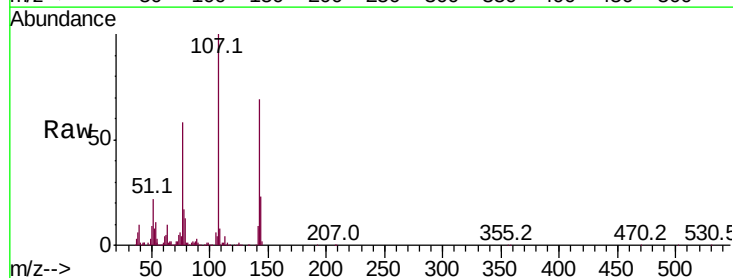
Instrument :
 BNA_G
 ClientSampled :

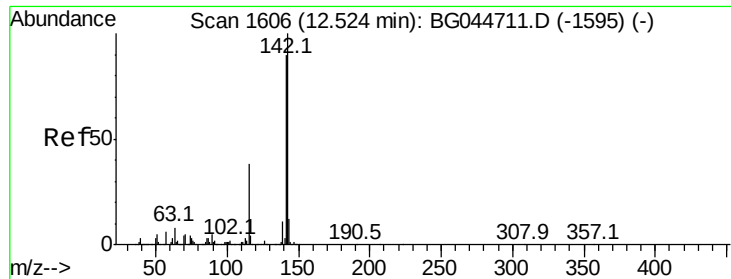
Tot Ion:113 Resp: 99167
 Ion Ratio Lower Upper
 113 100
 55 211.2 178.4 218.4
 56 153.8 117.7 157.7



#36
 4-Chloro-3-methylphenol
 Concen: 35.893 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BG044728.D
 Acq: 12 Mar 2020 10:11

Tgt Ion:107 Resp: 304218
 Ion Ratio Lower Upper
 107 100
 144 22.5 19.6 29.4
 142 69.5 56.5 84.7

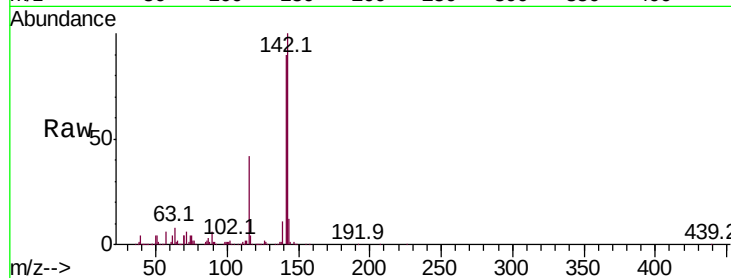




#37
2-Methylnaphthalene
Concen: 36.336 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.3	108.5
115	42.4	30.6	45.8

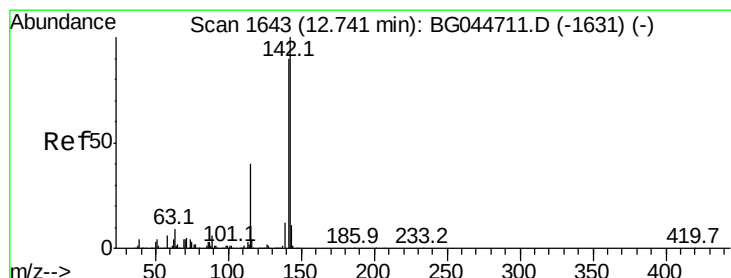
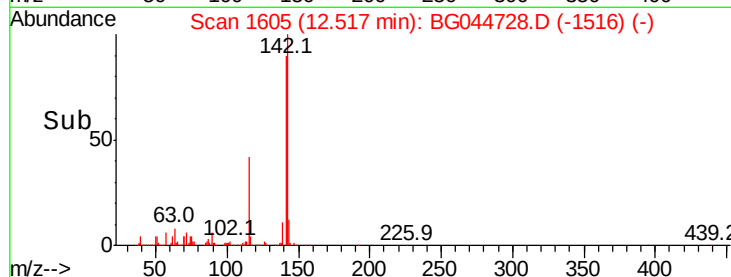
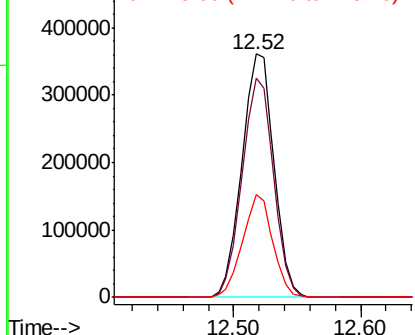


Abundance

Ion 142.00 (141.70 to 142.70): E

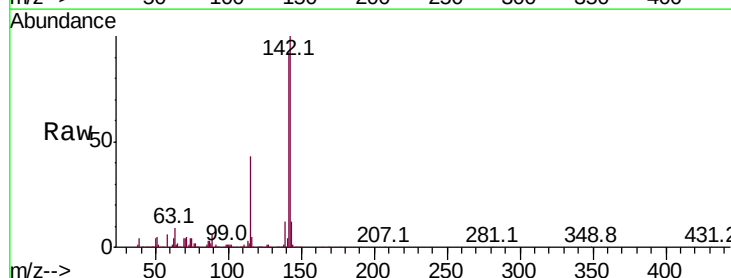
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 36.473 ng
RT: 12.73 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.2	108.2
116	4.5	3.5	5.3

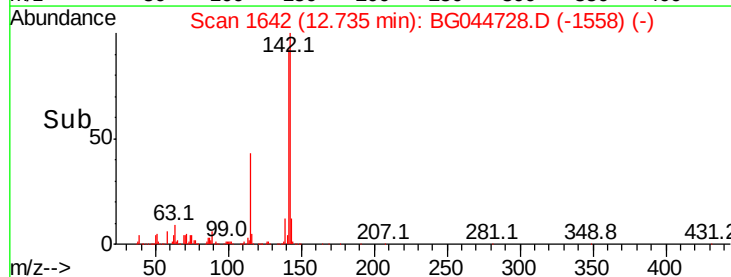
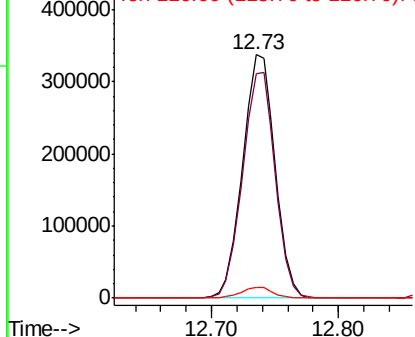


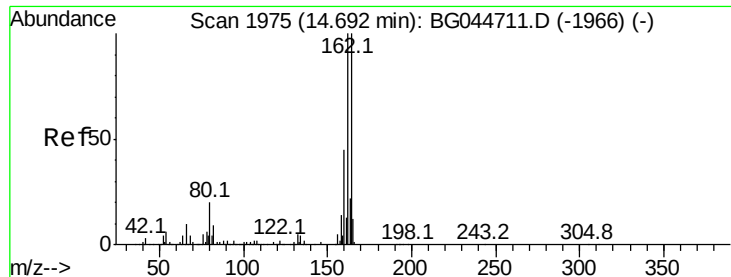
Abundance

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: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampled :

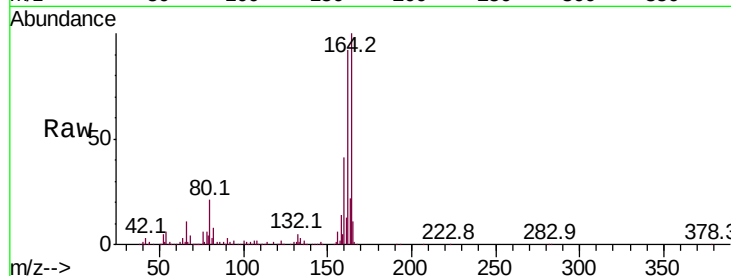
Tot Ion:164 Resp: 288483

Ion Ratio Lower Upper

164 100

162 92.4 80.2 120.4

160 40.6 36.2 54.2

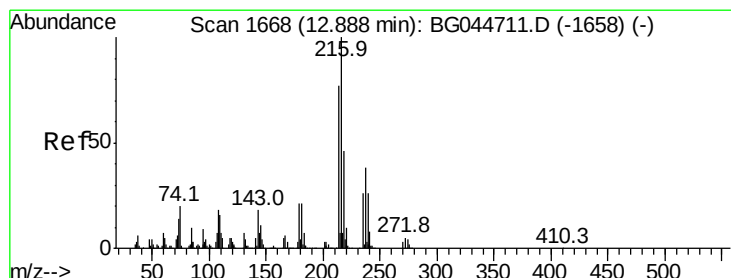
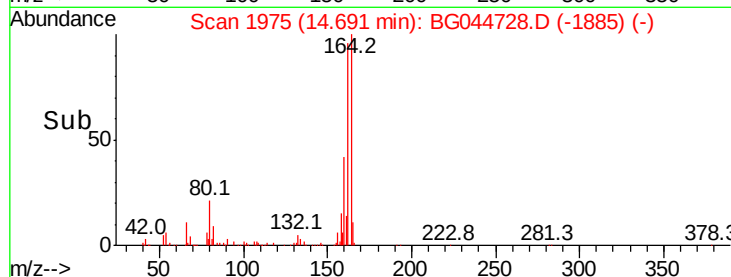
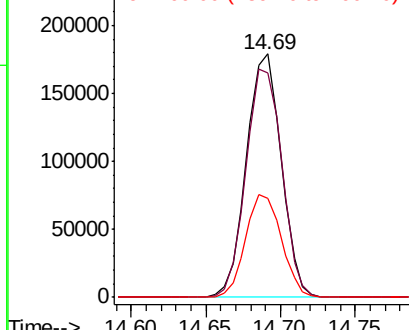


Abundance

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: 35.575 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Tgt Ion:216 Resp: 337988

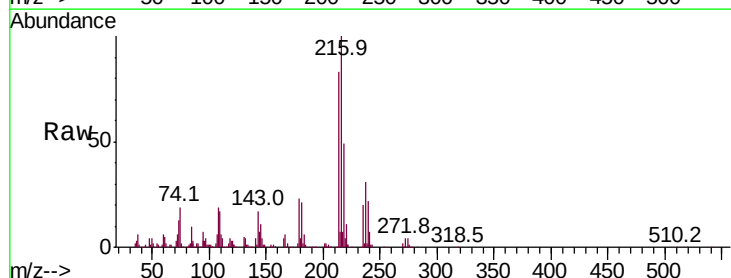
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 21.5 16.6 24.8

108 19.7 15.6 23.4



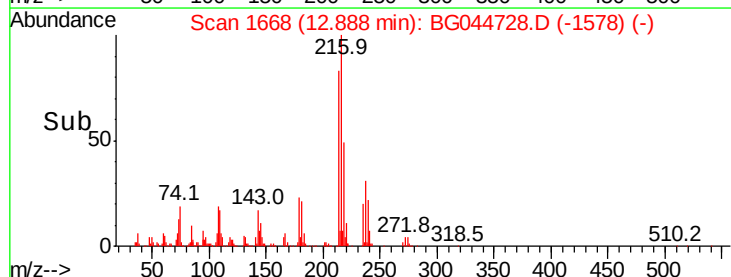
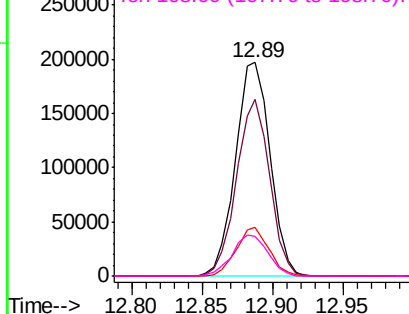
Abundance

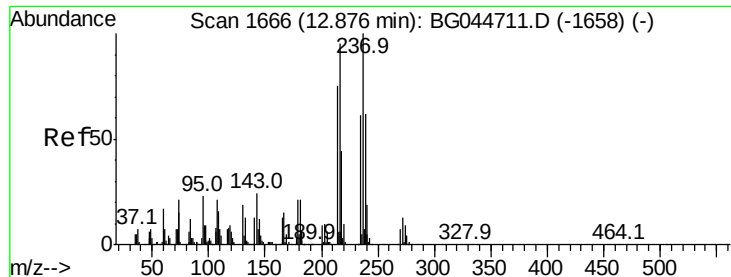
Ion 216.00 (215.70 to 216.70): E

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: 35.927 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampleId :

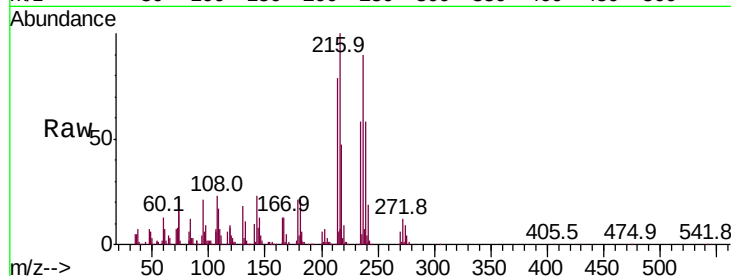
Tot Ion:237 Resp: 186537

Ion Ratio Lower Upper

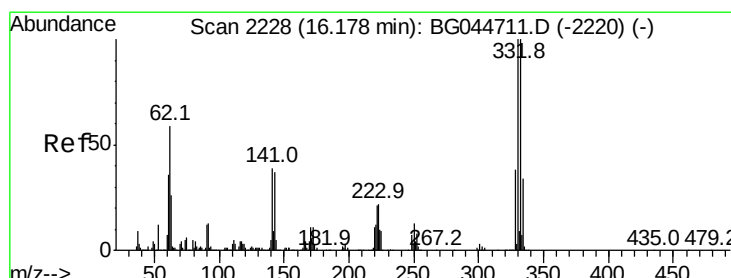
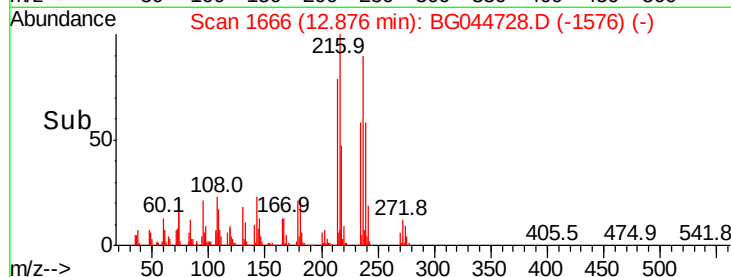
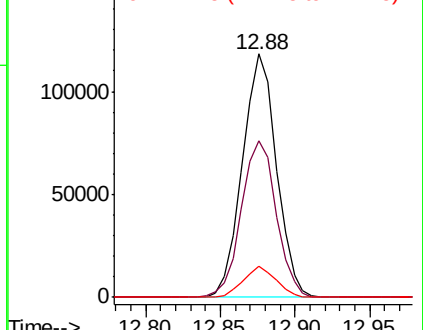
237 100

235 64.2 40.6 80.6

272 12.9 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: 75.250 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

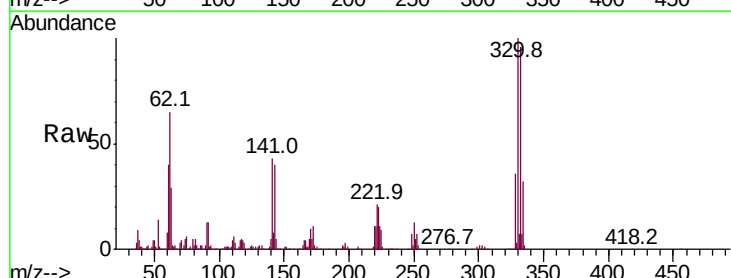
Tgt Ion:330 Resp: 284237

Ion Ratio Lower Upper

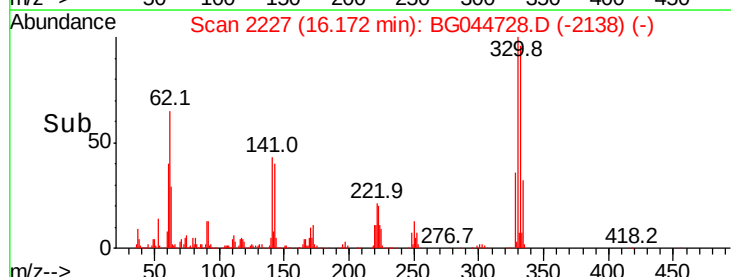
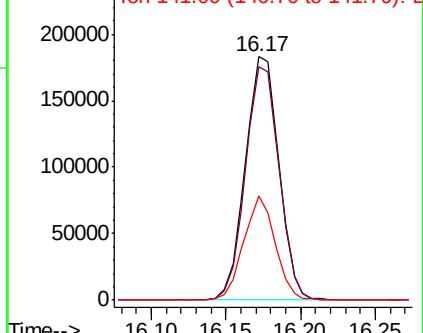
330 100

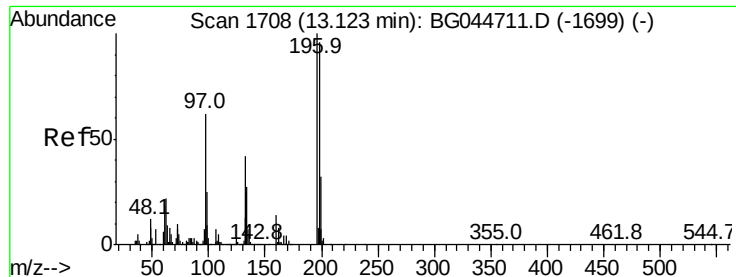
332 96.4 77.5 116.3

141 40.3 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

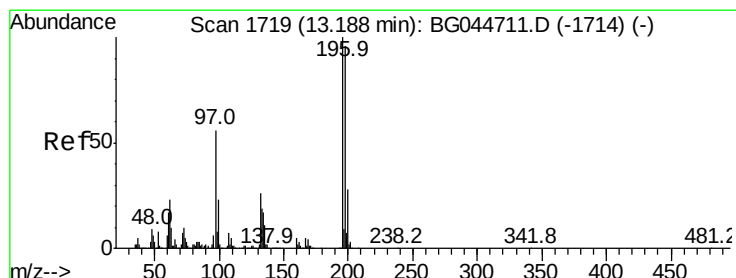
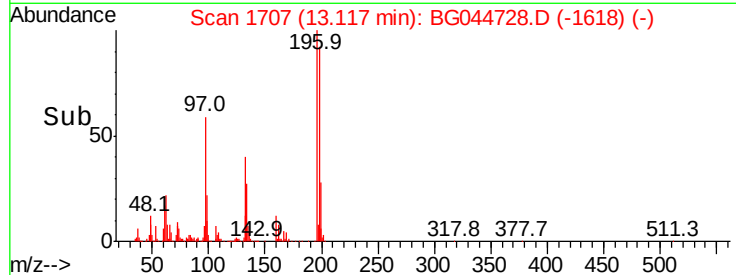
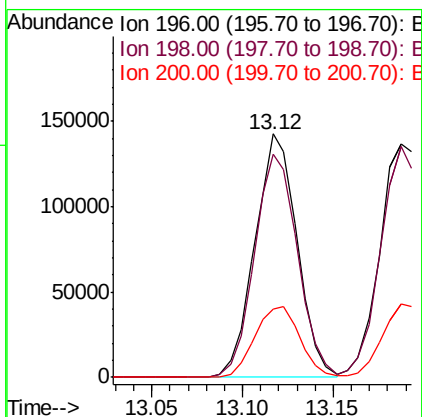
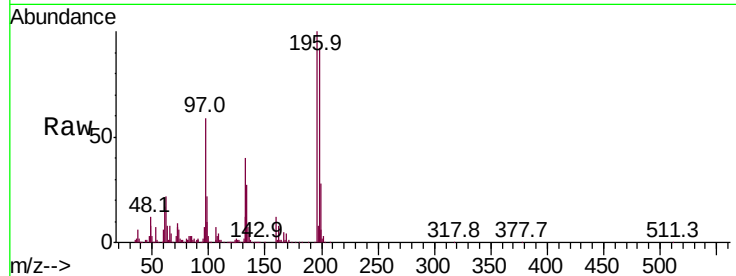




#43
 2,4,6-Trichlorophenol
 Concen: 36.518 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG044728.D
 Acq: 12 Mar 2020 10:11

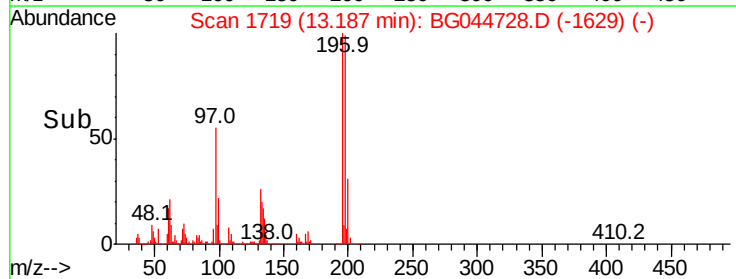
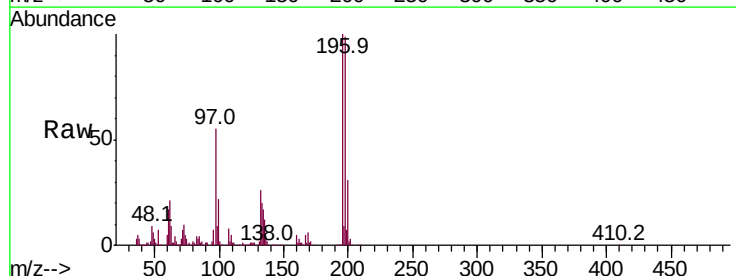
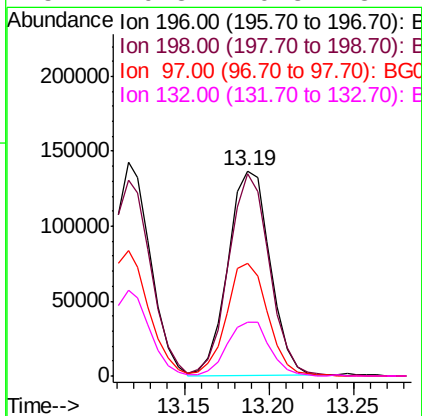
Instrument :
 BNA_G
 ClientSampleId :

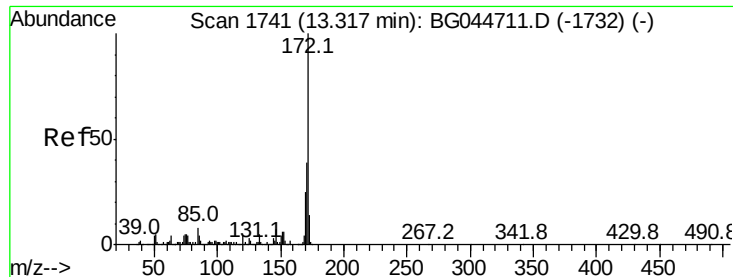
Tot Ion	Ratio	Lower	Upper
196	100		
198	91.8	76.5	114.7
200	28.0	25.9	38.9



#44
 2,4,5-Trichlorophenol
 Concen: 36.121 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BG044728.D
 Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.8	77.3	115.9
97	54.6	44.9	67.3
132	26.3	20.8	31.2

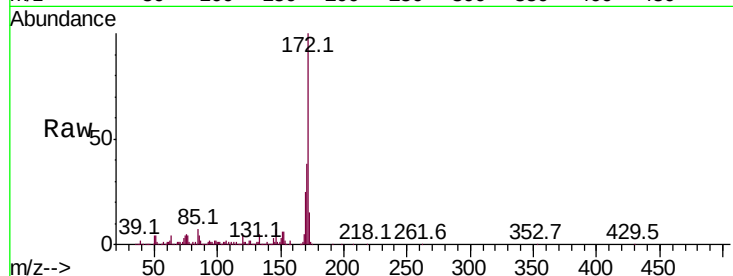




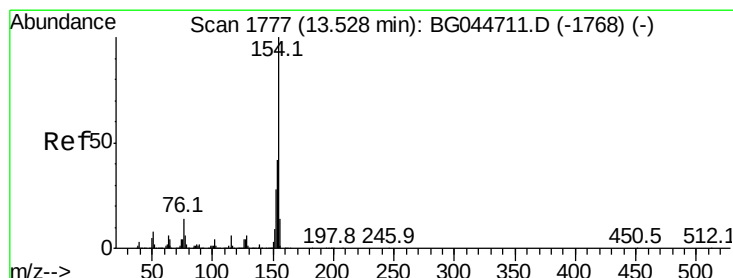
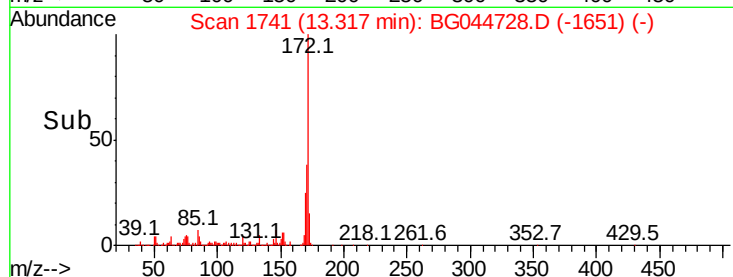
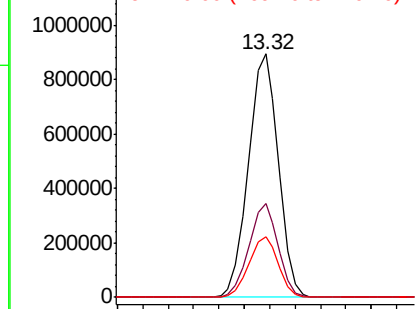
#45
2-Fluorobiphenyl
Concen: 72.817 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1466901
Ion Ratio Lower Upper
172 100
171 38.5 30.8 46.2
170 25.0 20.0 30.0

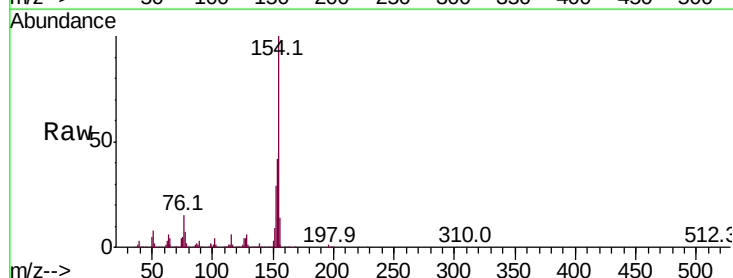


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

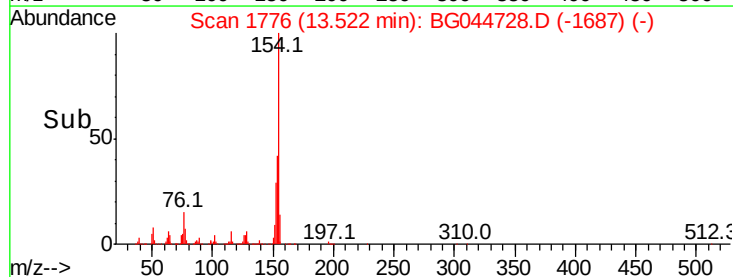
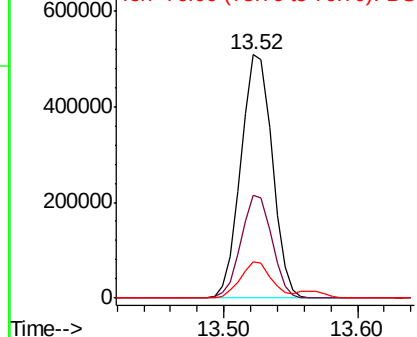


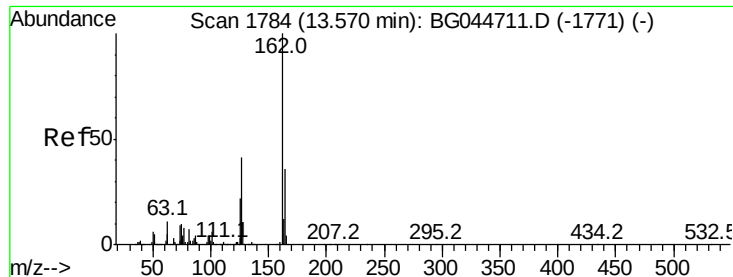
#46
1,1'-Biphenyl
Concen: 35.836 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

Tgt Ion:154 Resp: 826134
Ion Ratio Lower Upper
154 100
153 42.1 22.0 62.0
76 15.1 0.0 34.2



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

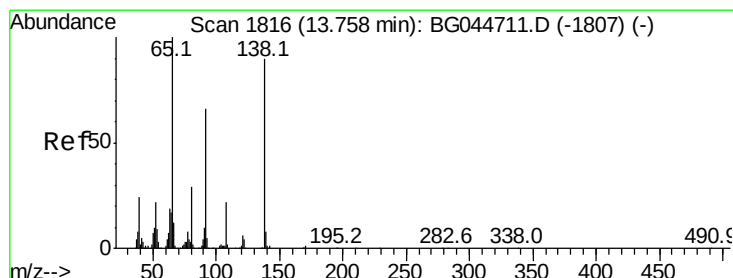
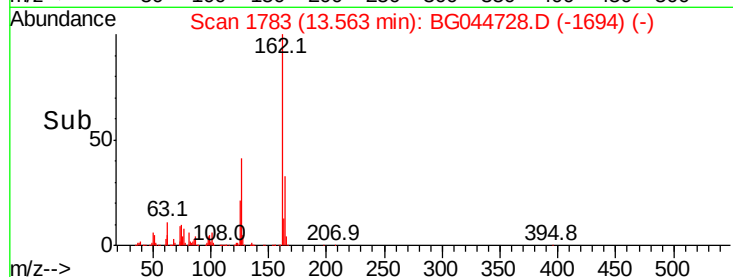
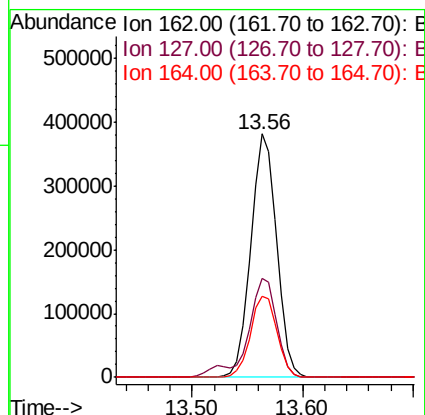
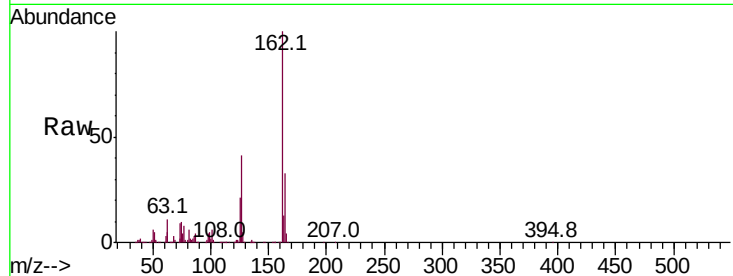




#47
2-Chloronaphthalene
Concen: 35.536 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

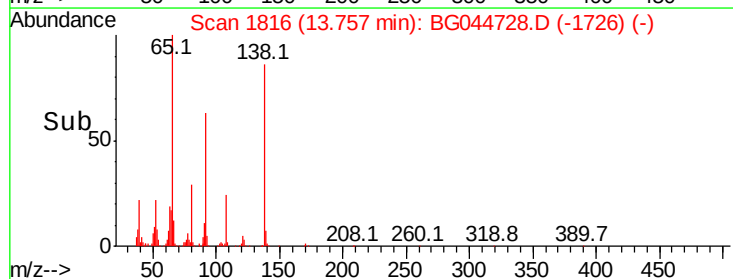
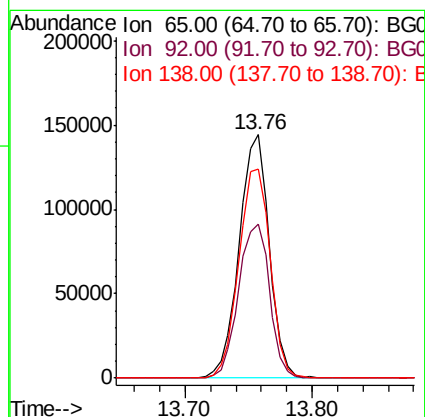
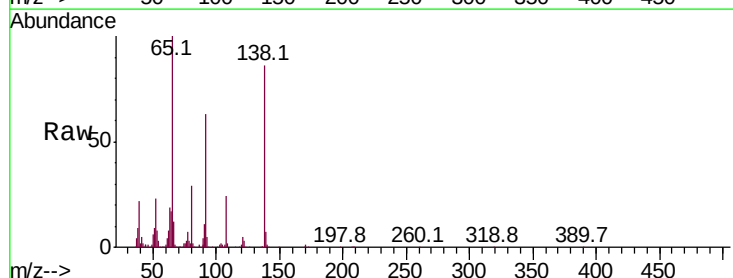
Instrument :
BNA_G
ClientSampled :

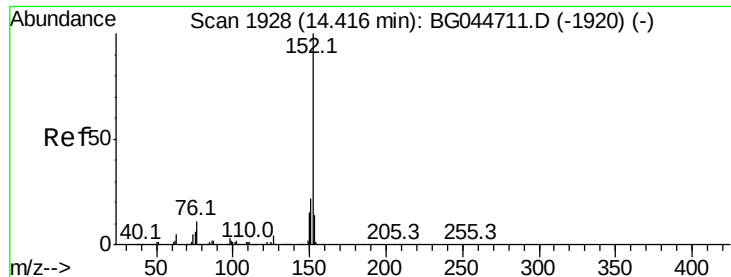
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.6	48.8
164	33.4	29.0	43.4



#48
2-Nitroaniline
Concen: 38.411 ng
RT: 13.76 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	52.6	79.0
138	85.8	71.8	107.6





#49

Acenaphthylene

Concen: 35.838 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampleId :

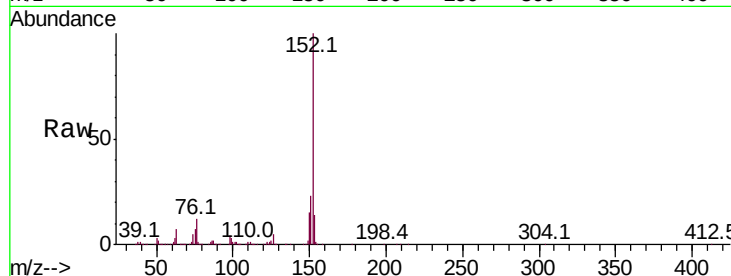
Tot Ion:152 Resp: 988769

Ion Ratio Lower Upper

152 100

151 22.7 17.8 26.8

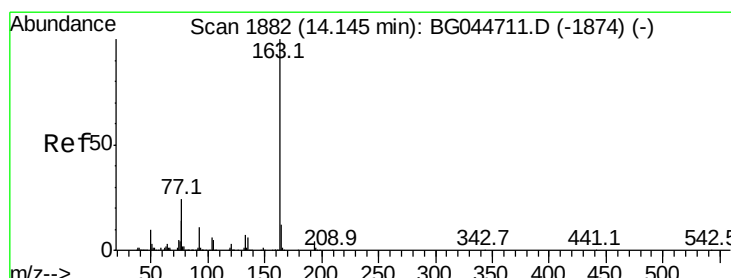
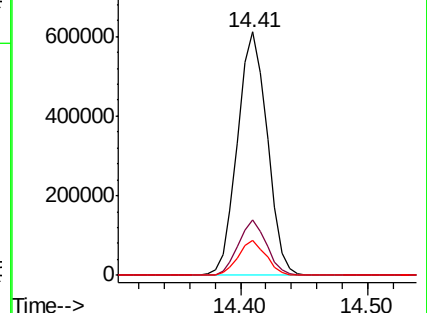
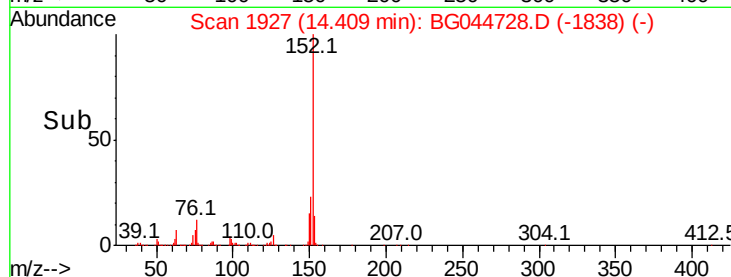
153 14.4 11.4 17.0



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: 36.436 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

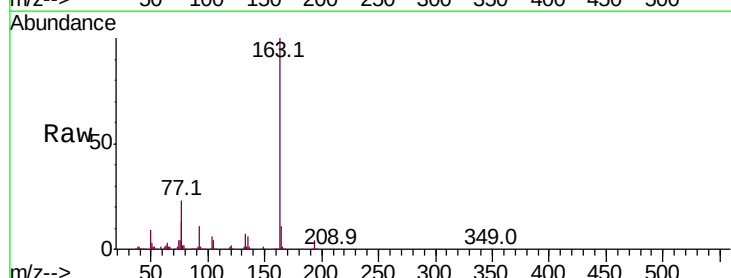
Tgt Ion:163 Resp: 837163

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

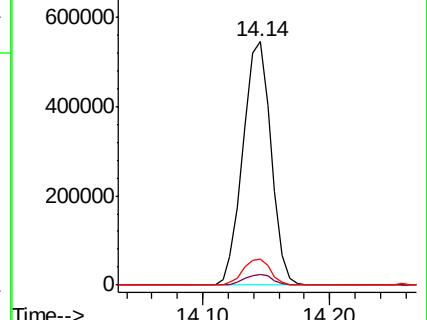
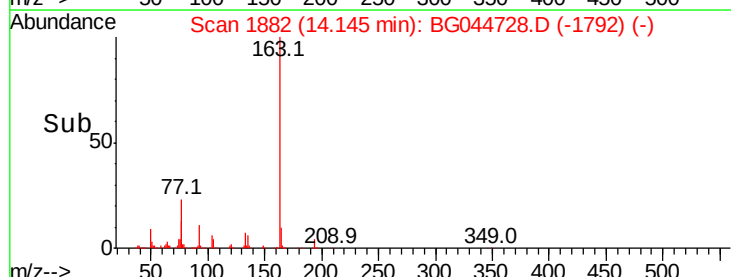
164 10.5 9.2 13.8

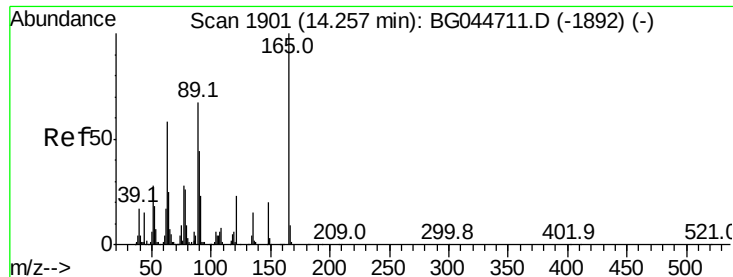


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.077 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampleId :

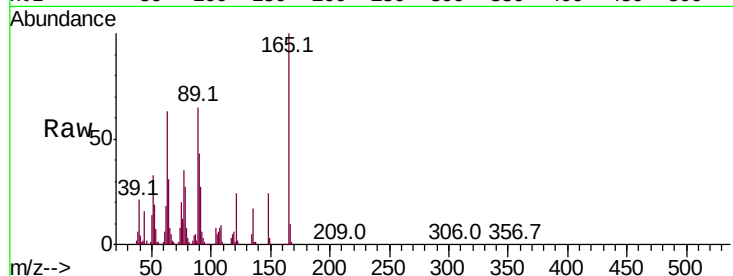
Tot Ion:165 Resp: 171714

Ion Ratio Lower Upper

165 100

63 63.4 48.9 73.3

89 65.4 53.8 80.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

14.25

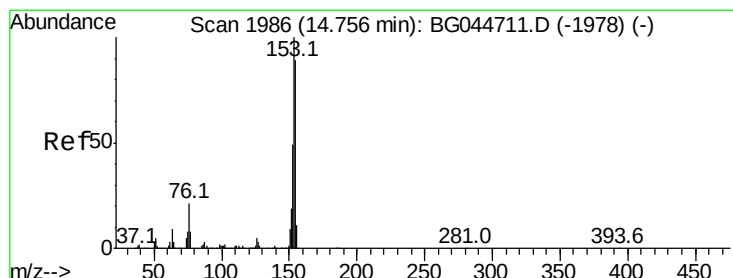
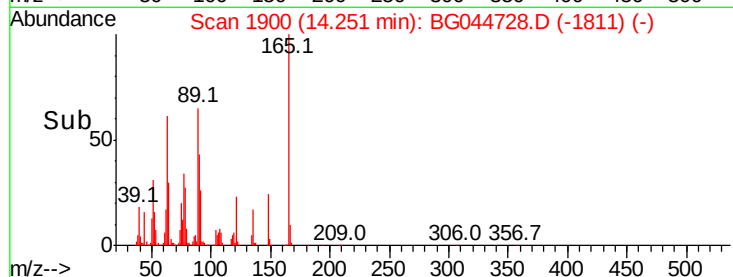
100000

50000

0

14.20 14.25 14.30

Time-->



#52

Acenaphthene

Concen: 36.277 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

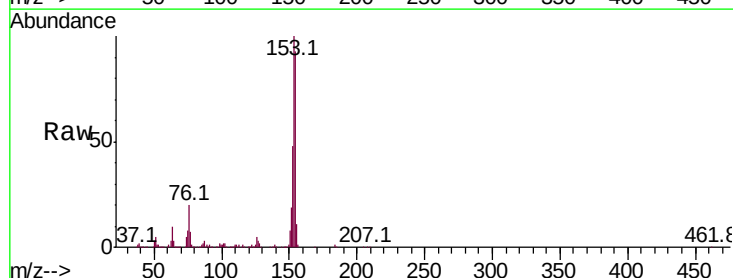
Tgt Ion:154 Resp: 655478

Ion Ratio Lower Upper

154 100

153 107.7 89.8 134.8

152 51.7 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

14.76

500000

400000

300000

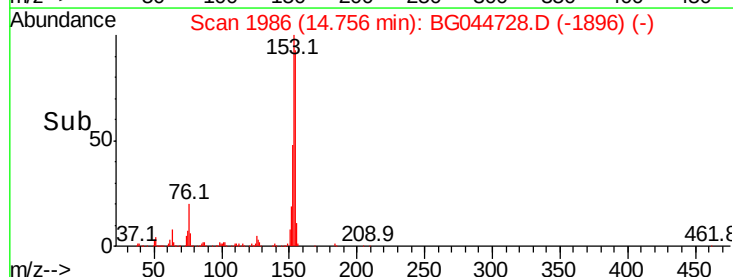
200000

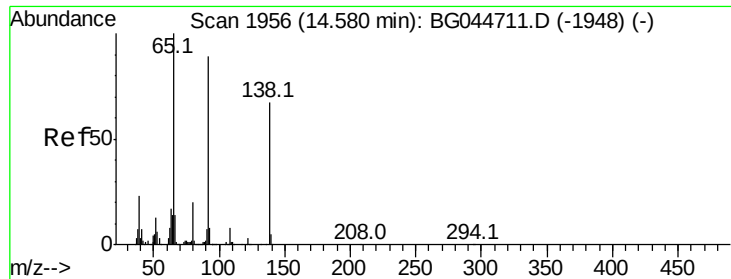
100000

0

14.70 14.76 14.80

Time-->





#53

3-Nitroaniline

Concen: 37.478 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampleId :

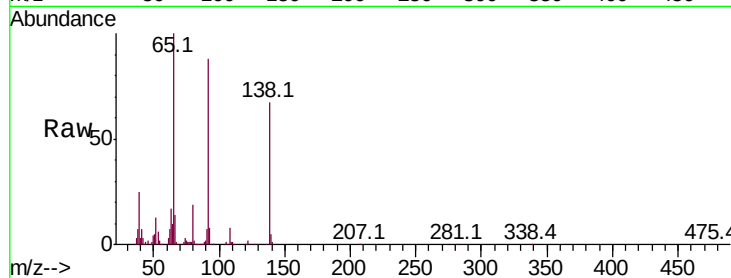
Tot Ion:138 Resp: 199557

Ion Ratio Lower Upper

138 100

108 11.4 9.2 13.8

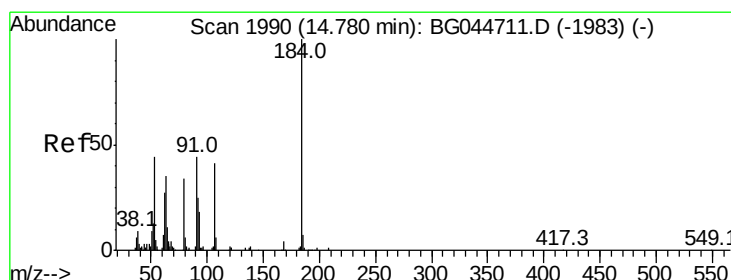
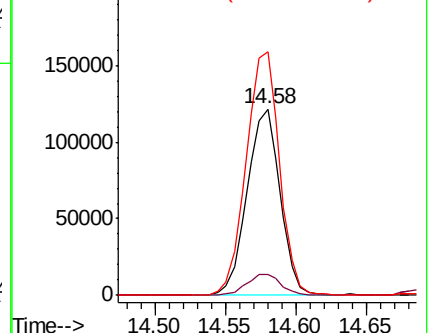
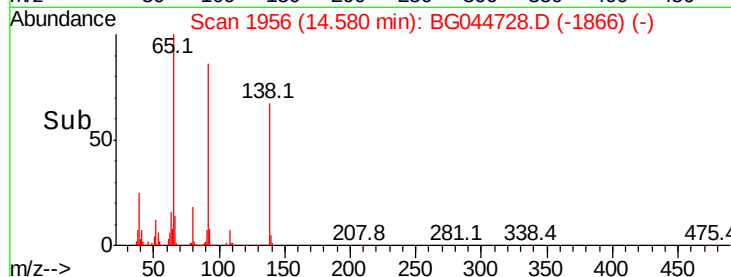
92 130.8 105.6 158.4



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: 36.887 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

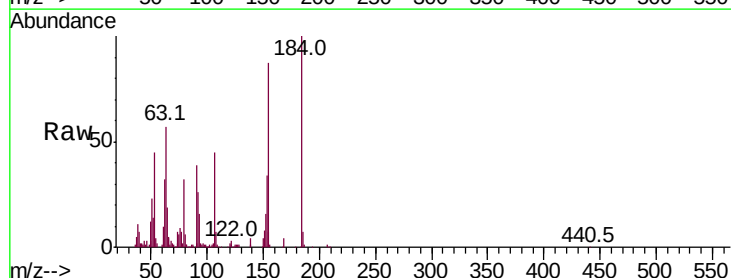
Tgt Ion:184 Resp: 77156

Ion Ratio Lower Upper

184 100

63 57.2 49.0 73.6

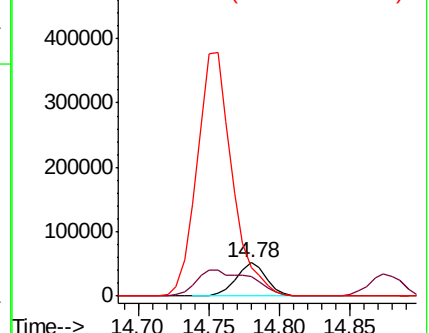
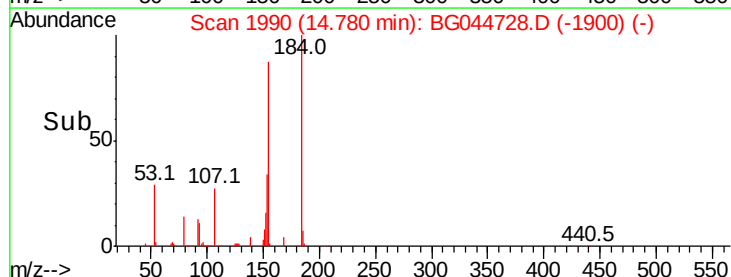
154 87.3 94.5 141.7#

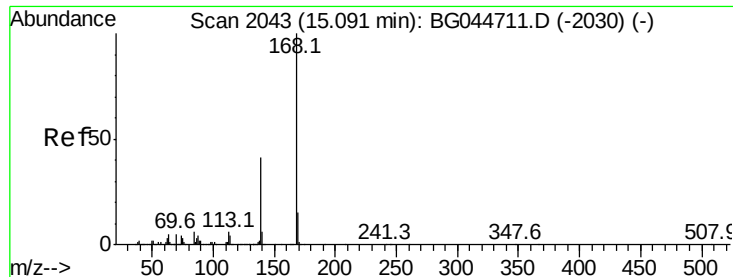


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 36.264 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampleId :

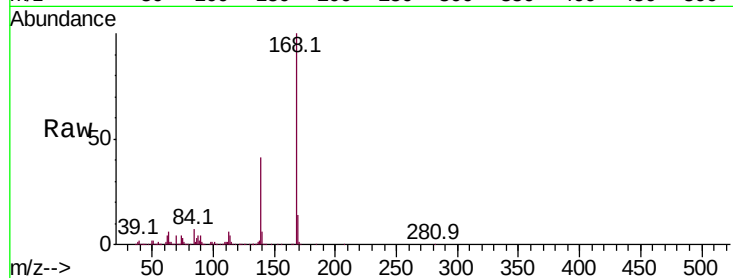
Tot Ion:168 Resp: 950200

Ion Ratio Lower Upper

168 100

139 40.9 32.6 49.0

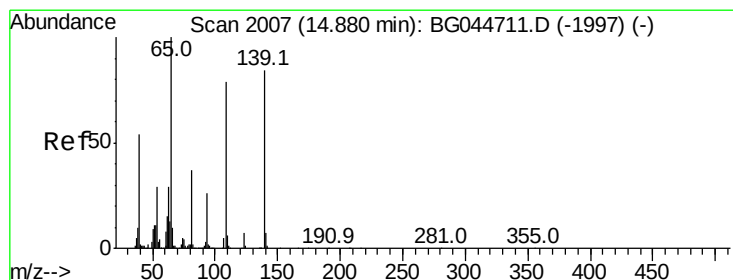
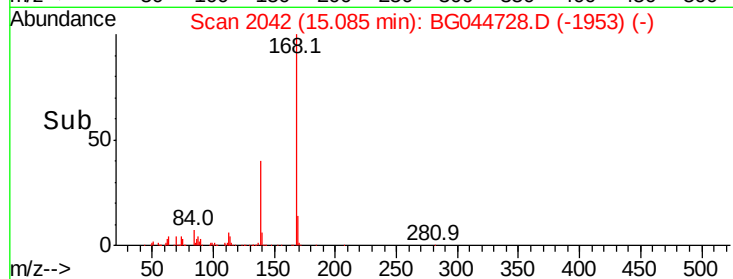
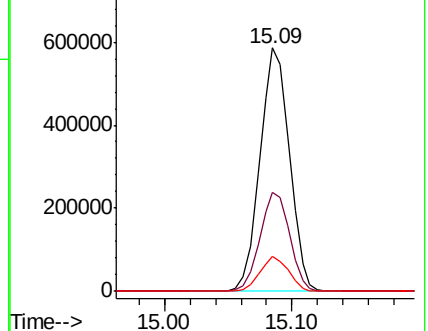
169 14.2 11.8 17.6



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: 37.474 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

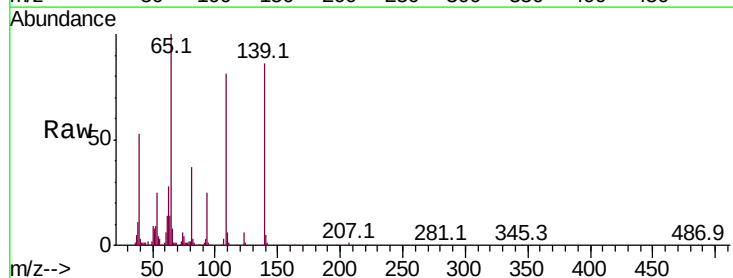
Tgt Ion:139 Resp: 152280

Ion Ratio Lower Upper

139 100

109 93.8 74.1 114.1

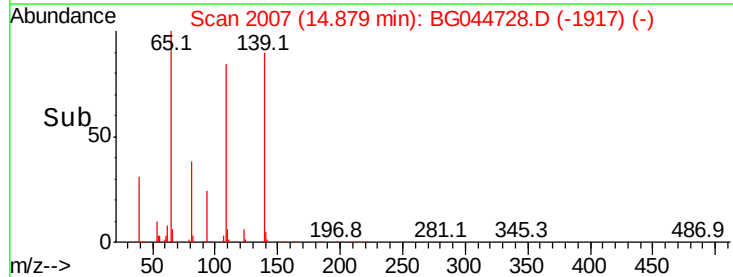
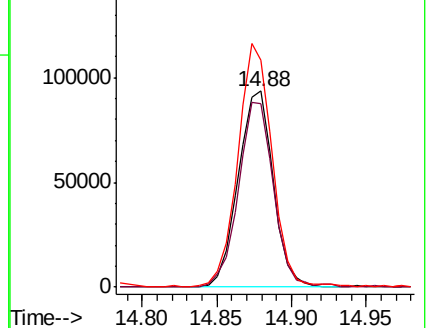
65 116.1 98.6 138.6

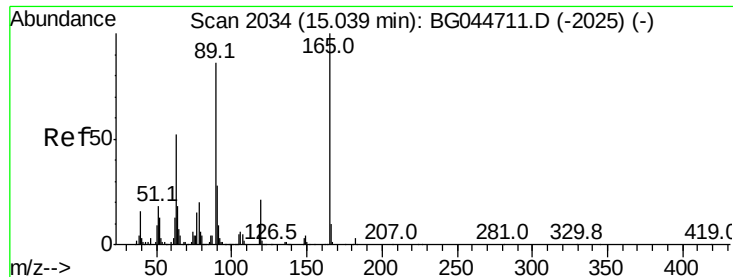


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

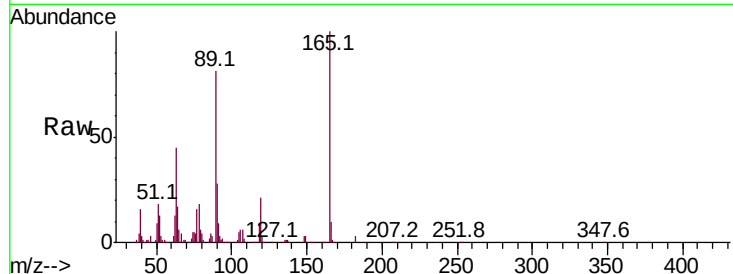




#57
2,4-Dinitrotoluene
Concen: 38.513 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.2	41.5	62.3
89	81.3	69.0	103.4
182	3.0	2.7	4.1



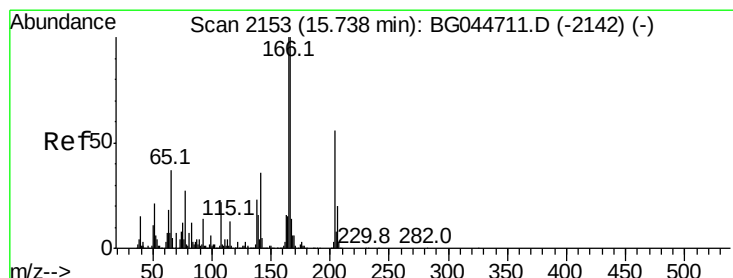
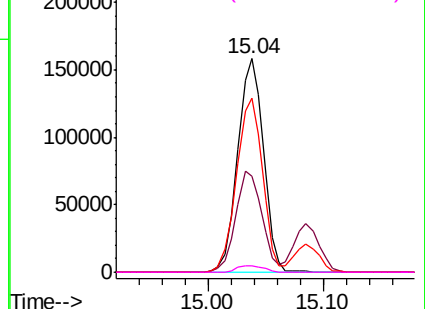
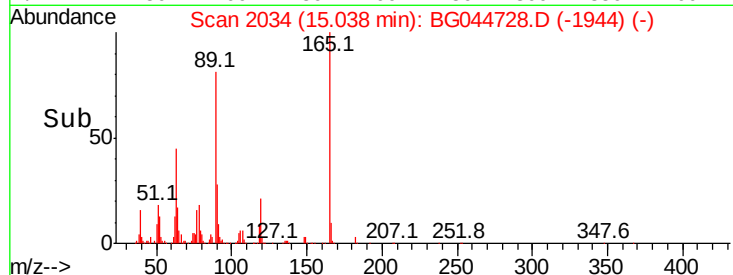
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

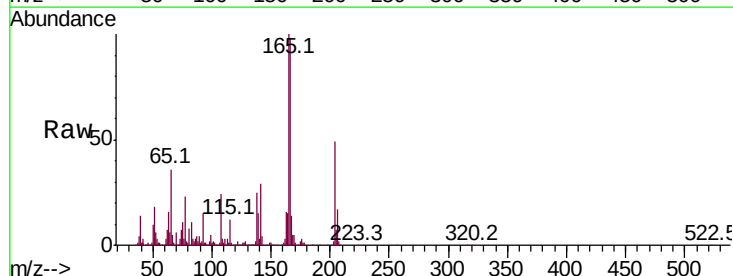
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.147 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.0	79.6	119.4
167	13.9	11.4	17.2

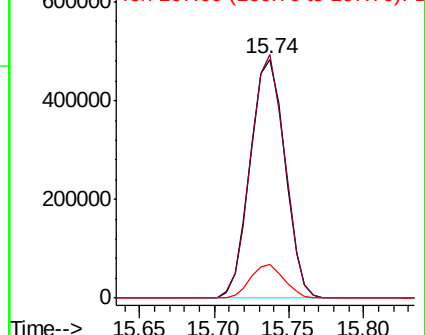
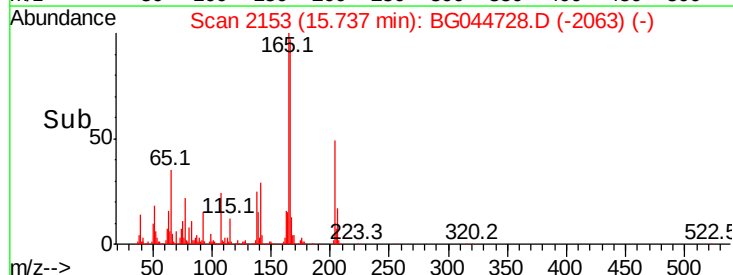


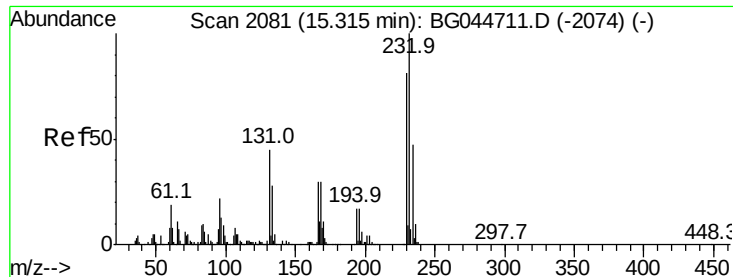
Abundance

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

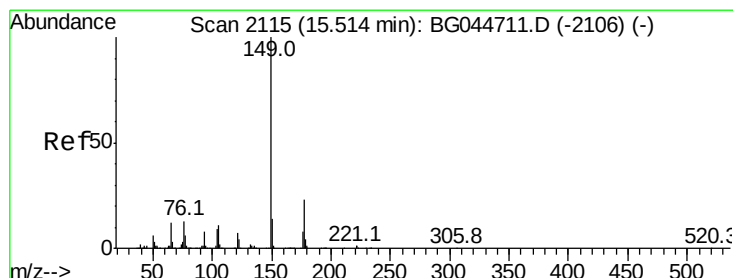
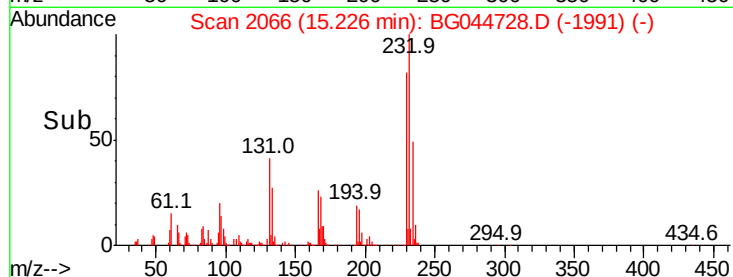
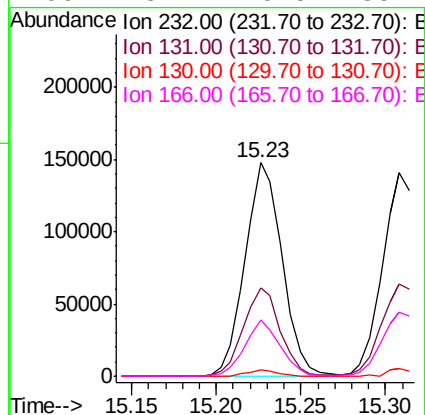
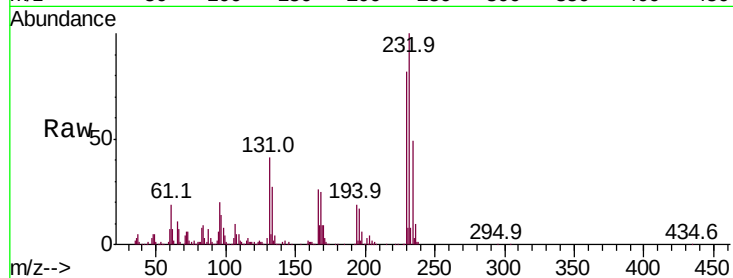




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.562 ng
 RT: 15.23 min Scan# 2066
 Delta R.T. -0.09 min
 Lab File: BG044728.D
 Acq: 12 Mar 2020 10:11

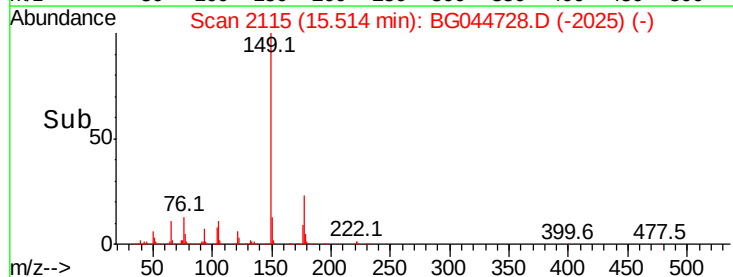
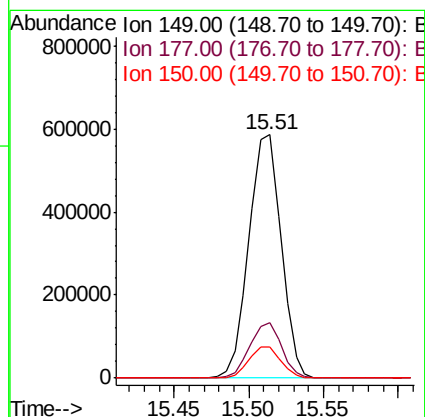
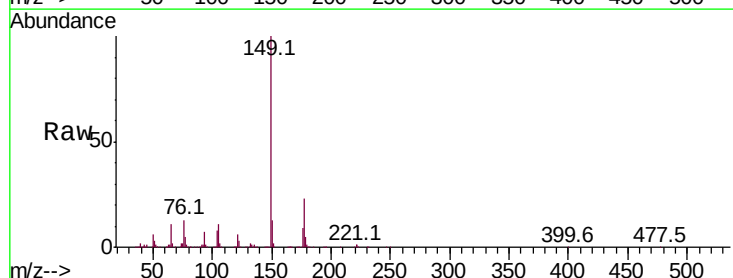
Instrument :
 BNA_G
 ClientSampleId :

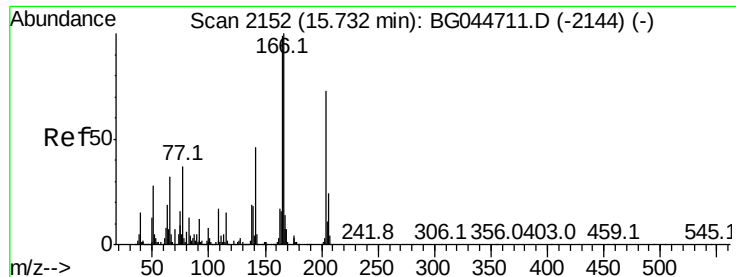
Tot Ion:	232	Resp:	226127
Ion	Ratio	Lower	Upper
232	100		
131	41.1	32.4	48.6
130	2.6	2.0	3.0
166	25.2	20.5	30.7



#60
 Diethylphthalate
 Concen: 36.514 ng
 RT: 15.51 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: BG044728.D
 Acq: 12 Mar 2020 10:11

Tgt Ion:	149	Resp:	875025
Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.8	28.2
150	12.9	11.2	16.8

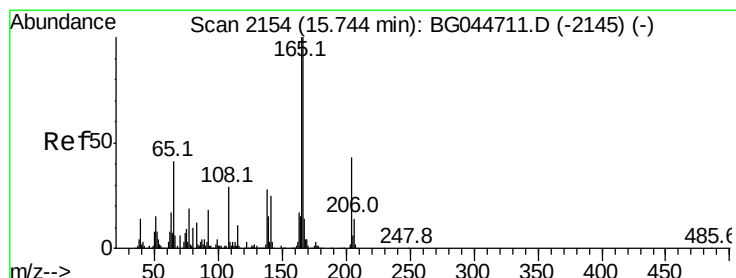
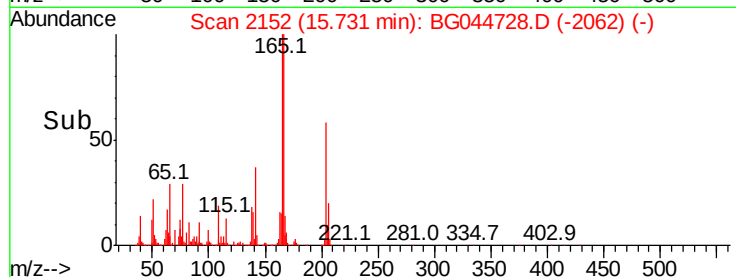
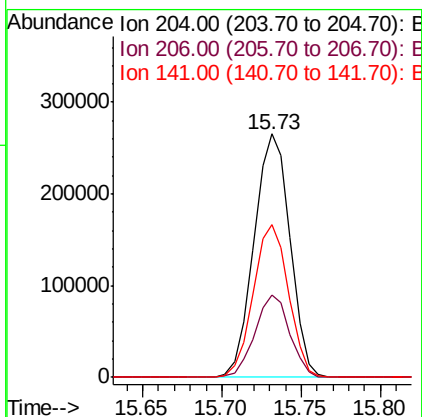
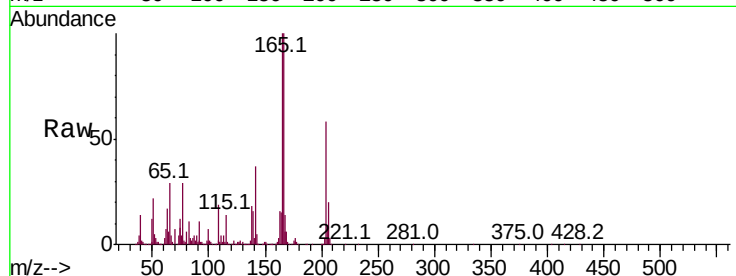




#61
4-Chlorophenyl-phenylether
Concen: 36.184 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

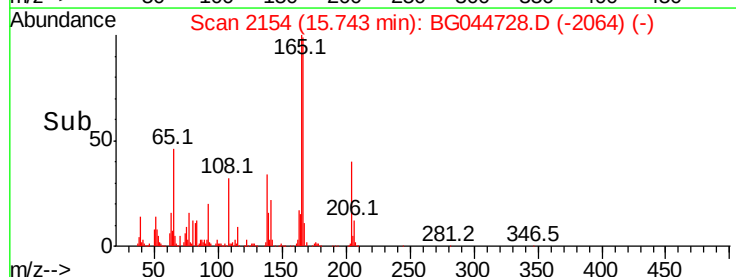
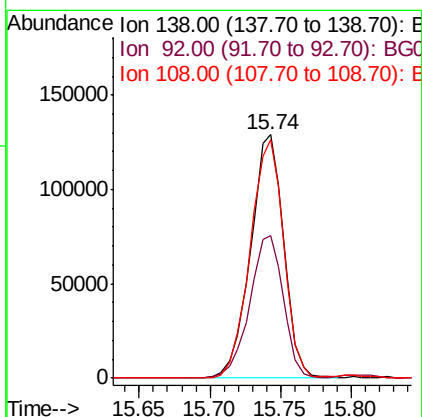
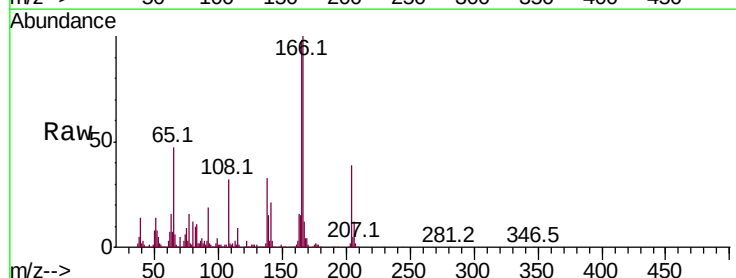
Instrument :
BNA_G
ClientSampleId :

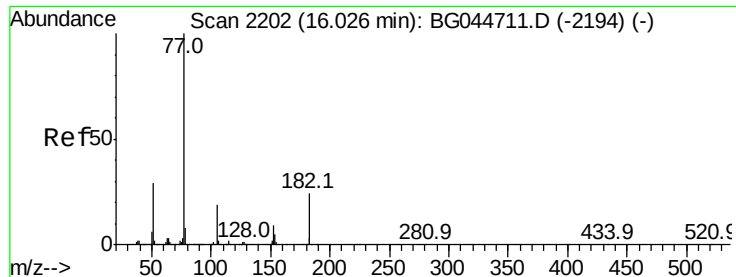
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.8	38.6
141	62.8	50.8	76.2



#62
4-Nitroaniline
Concen: 37.428 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.4	42.1	82.1
108	98.0	81.2	121.2





#63

Azobenzene

Concen: 36.011 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 896164

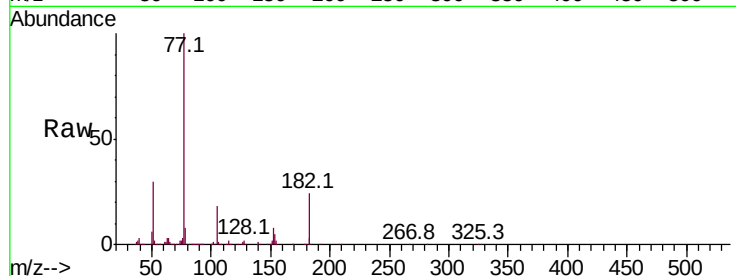
Ion Ratio Lower Upper

77 100

182 24.4 3.6 43.6

105 18.2 0.0 39.3

51 29.6 8.7 48.7

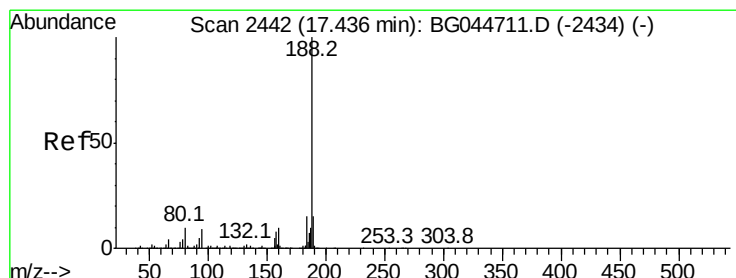
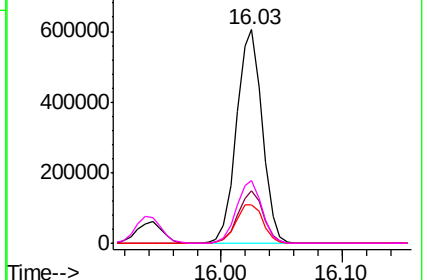
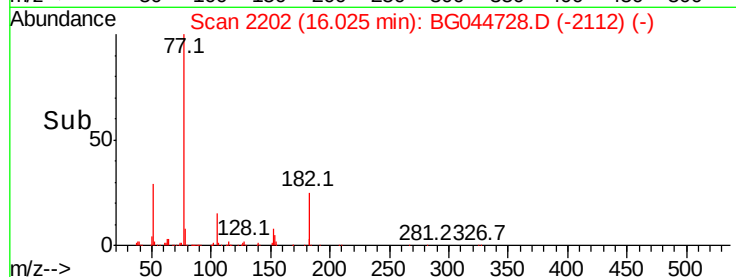


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG044728.D

Acq: 12 Mar 2020 10:11

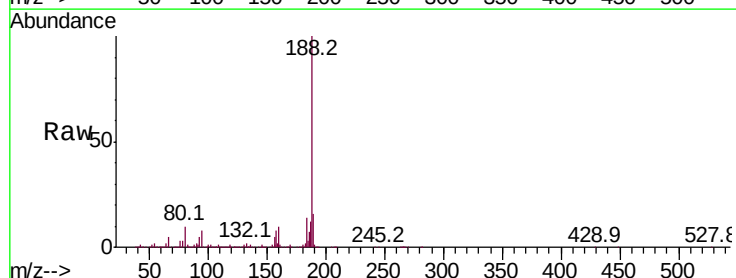
Tgt Ion: 188 Resp: 653149

Ion Ratio Lower Upper

188 100

94 7.9 7.0 10.6

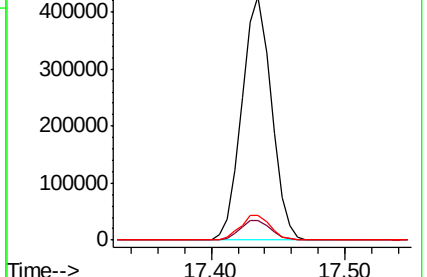
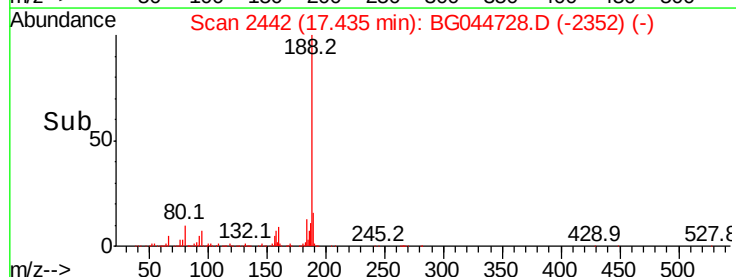
80 9.9 8.4 12.6

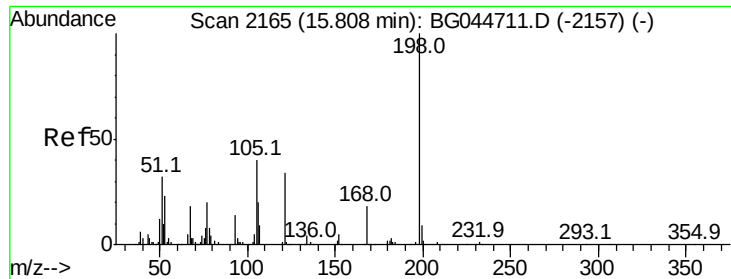


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

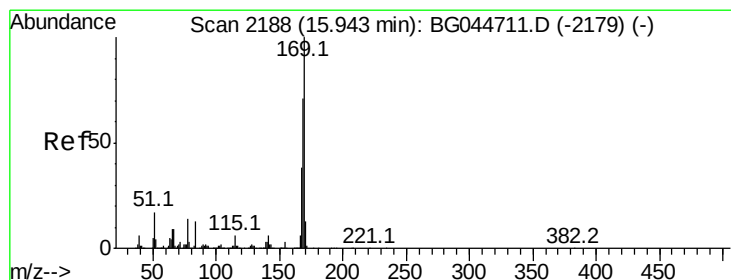
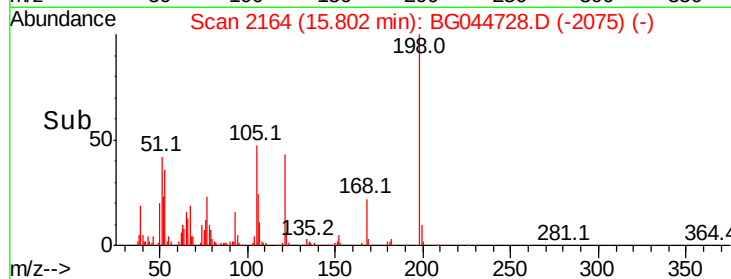
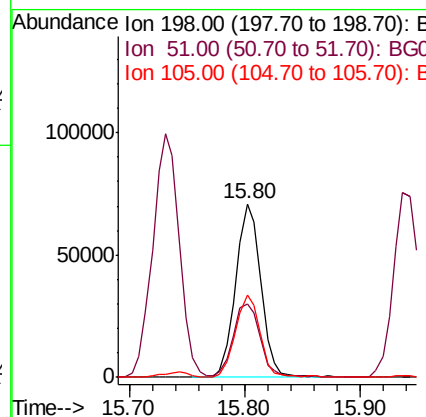
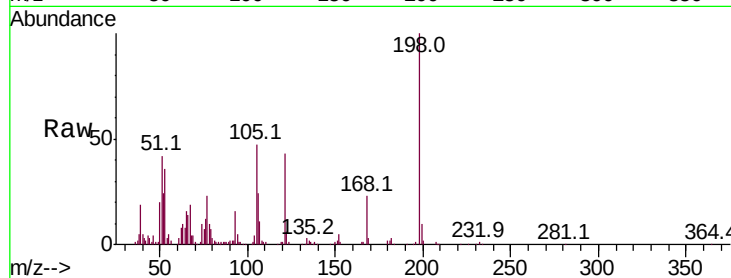




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.040 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG044728.D
 Acq: 12 Mar 2020 10:11

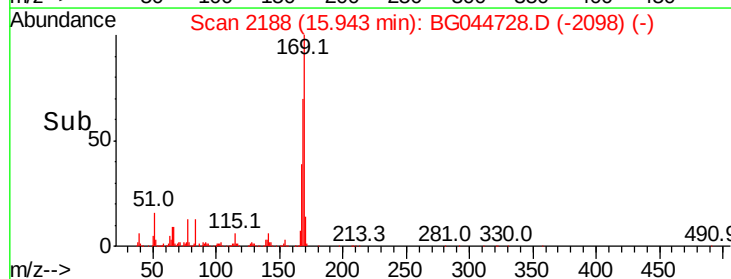
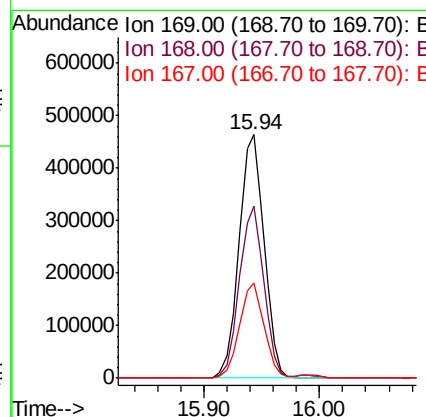
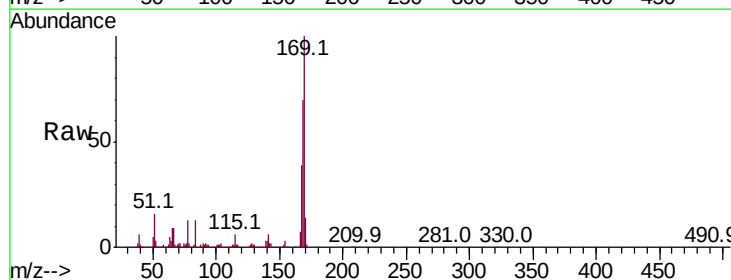
Instrument :
 BNA_G
 ClientSampleId :

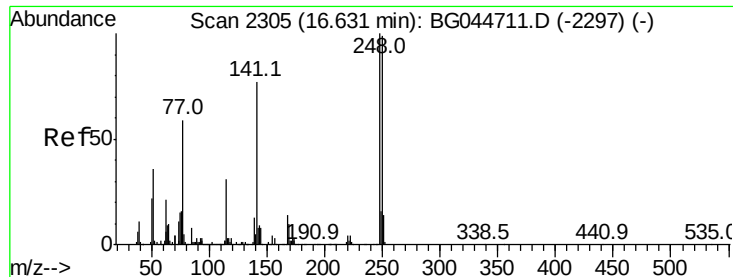
Tot Ion	Ratio	Lower	Upper
198	100		
51	42.3	20.1	60.1
105	47.1	21.3	61.3



#66
 n-Nitrosodiphenylamine
 Concen: 35.344 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG044728.D
 Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.4	56.6	85.0
167	38.9	30.1	45.1

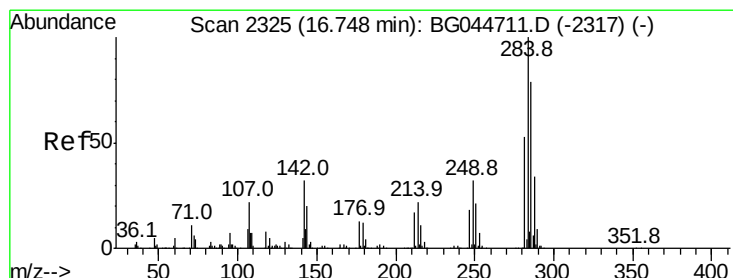
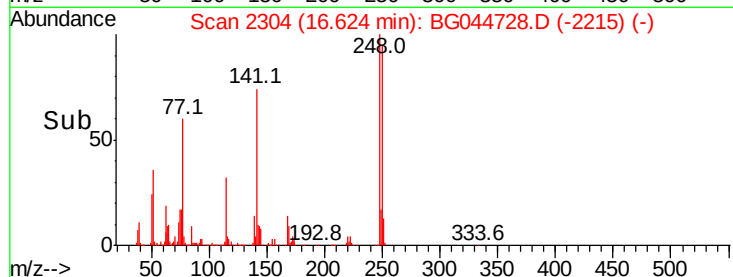
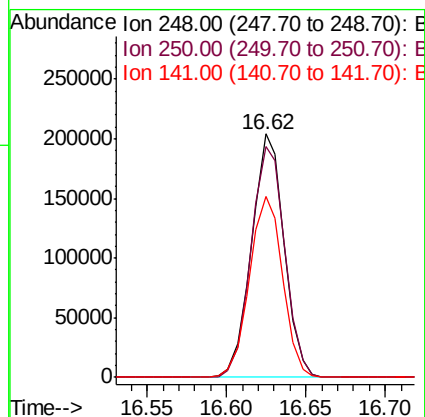
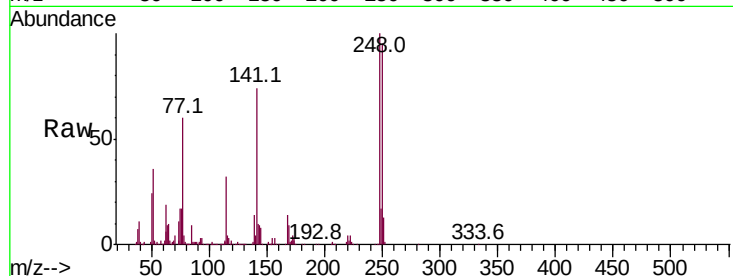




#67
4-Bromophenyl-phenylether
Concen: 35.665 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

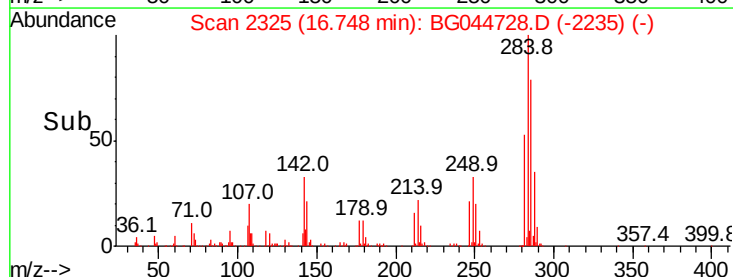
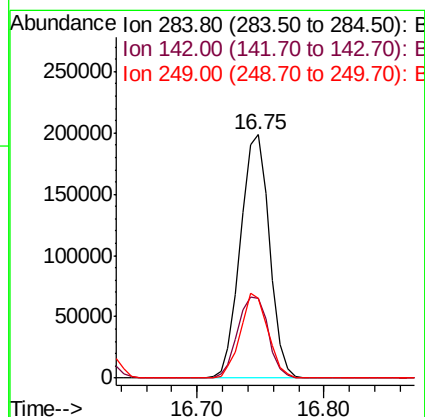
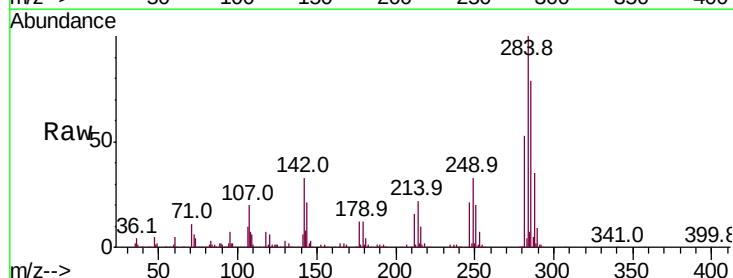
Instrument :
BNA_G
ClientSampled :

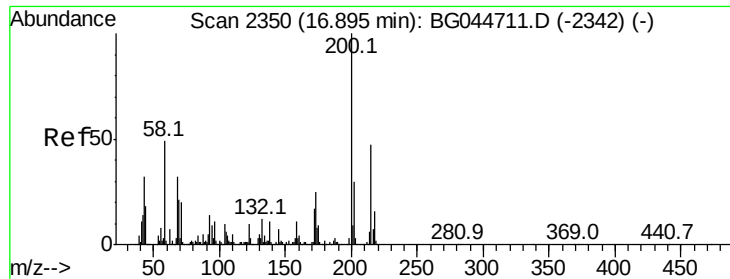
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	79.4	119.0
141	74.2	61.7	92.5



#68
Hexachlorobenzene
Concen: 35.462 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	25.6	38.4
249	32.7	25.8	38.6





#69

Atrazine

Concen: 38.101 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampled :

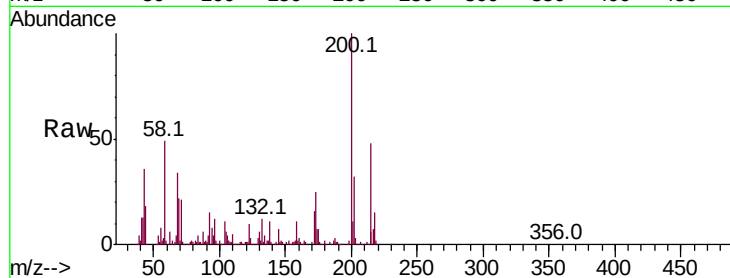
Tot Ion:200 Resp: 274496

Ion Ratio Lower Upper

200 100

173 25.0 4.8 44.8

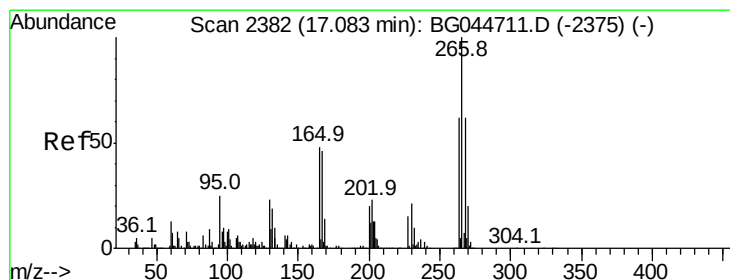
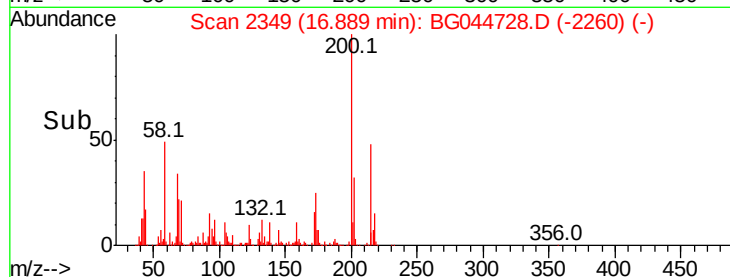
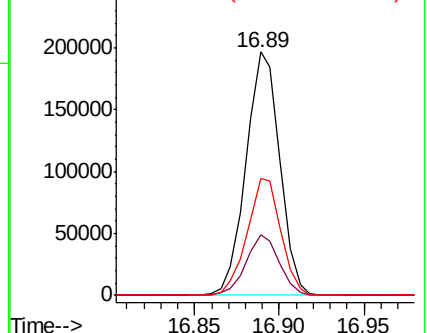
215 48.0 27.4 67.4



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: 38.191 ng

RT: 17.08 min Scan# 2382

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

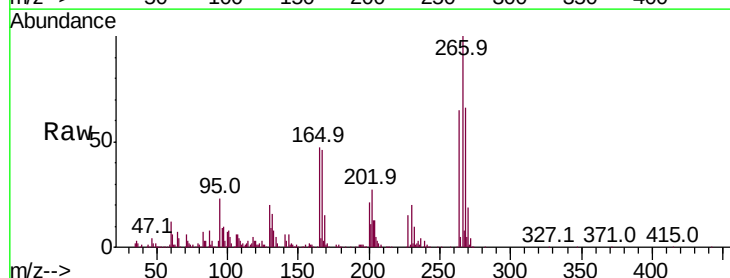
Tgt Ion:266 Resp: 186144

Ion Ratio Lower Upper

266 100

268 65.8 49.9 74.9

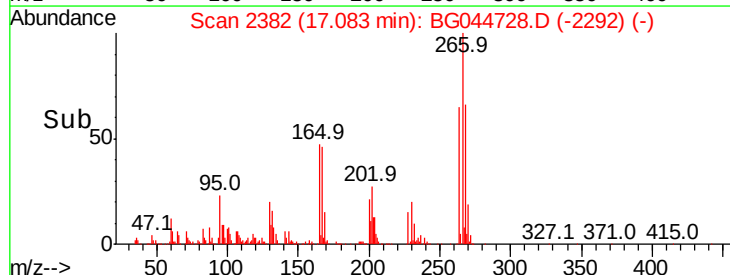
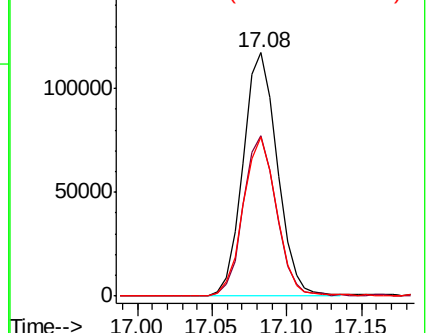
264 65.5 49.9 74.9

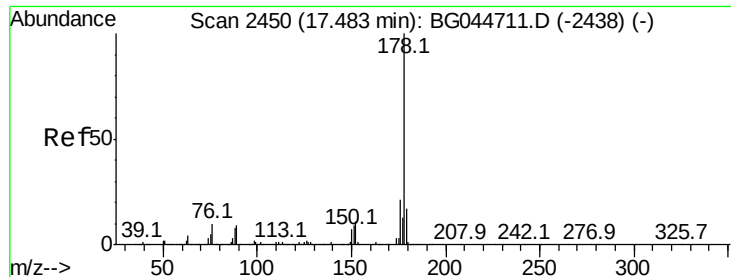


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



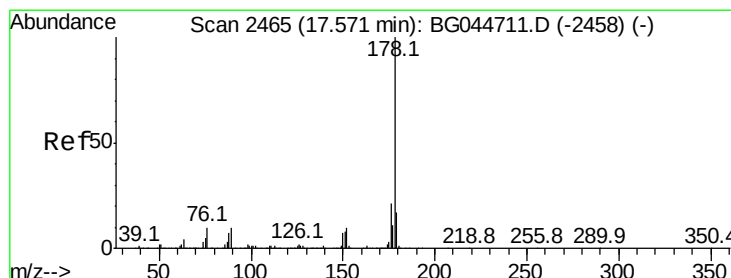
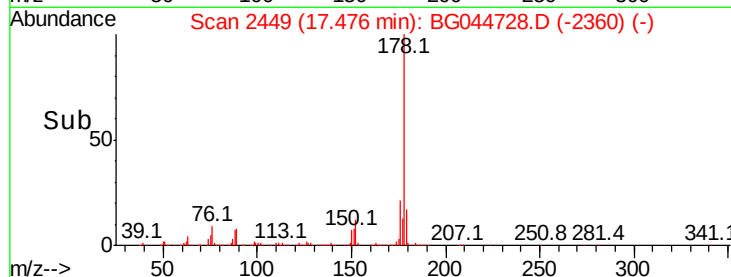
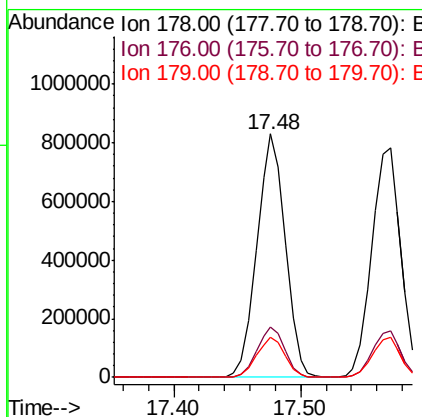
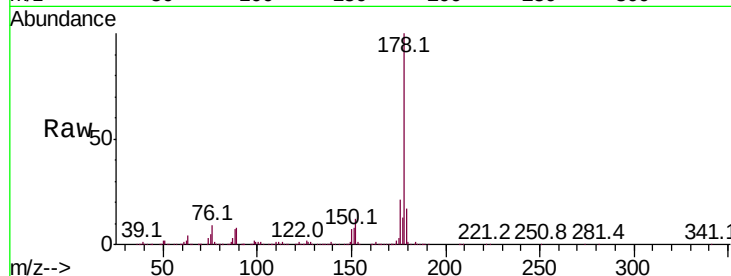


#71
 Phenanthrene
 Concen: 37.064 ng
 RT: 17.48 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BG044728.D
 Acq: 12 Mar 2020 10:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 1293665

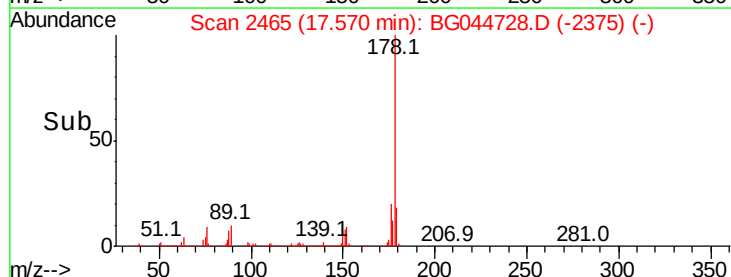
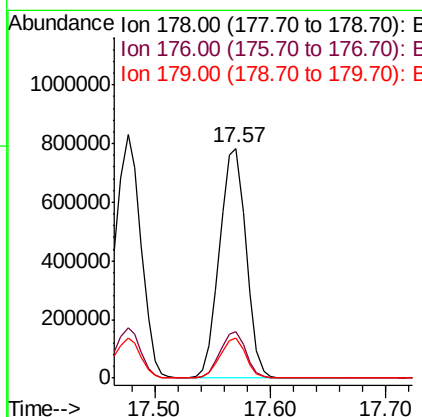
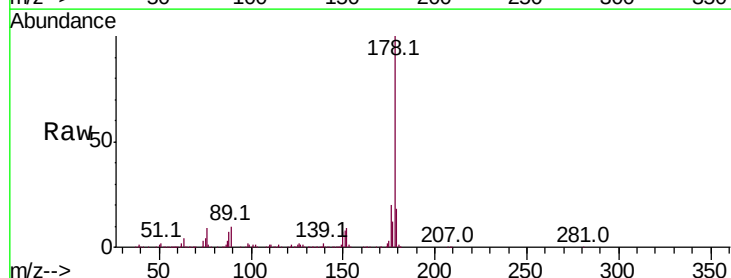
Ion	Ratio	Lower	Upper
178	100		
176	20.6	17.0	25.6
179	16.6	13.7	20.5

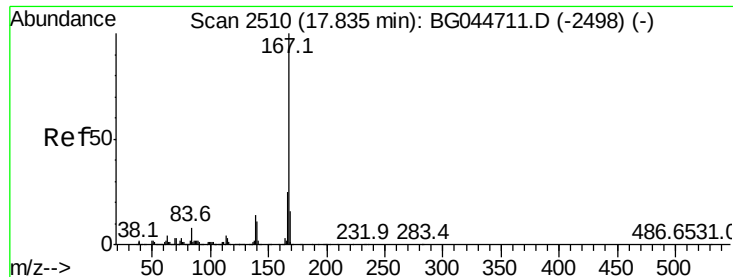


#72
 Anthracene
 Concen: 36.293 ng
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BG044728.D
 Acq: 12 Mar 2020 10:11

Tgt Ion:178 Resp: 1249079

Ion	Ratio	Lower	Upper
178	100		
176	20.3	17.0	25.6
179	17.6	13.8	20.8





#73

Carbazole

Concen: 36.533 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

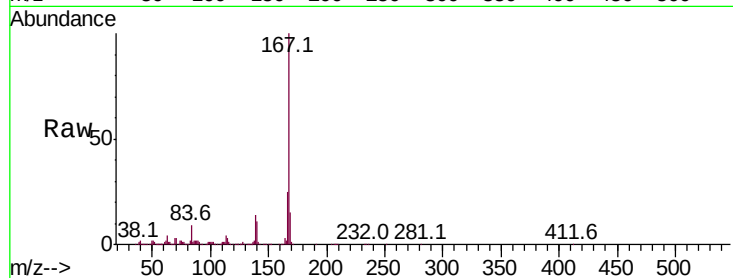
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1207751

Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.6	29.4
139	14.2	11.4	17.2

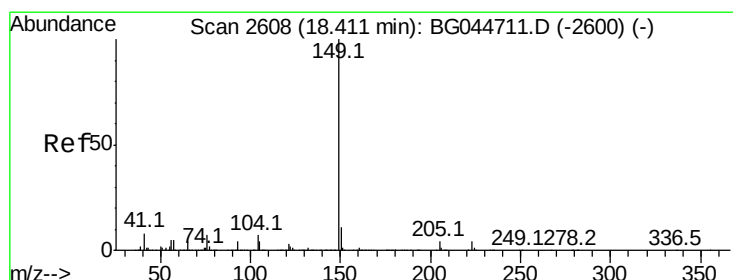
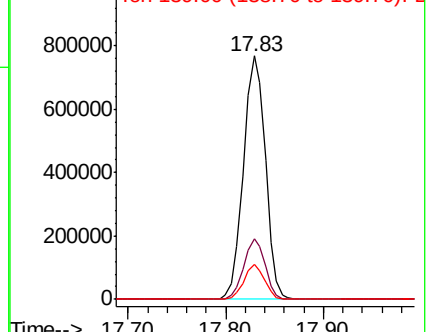
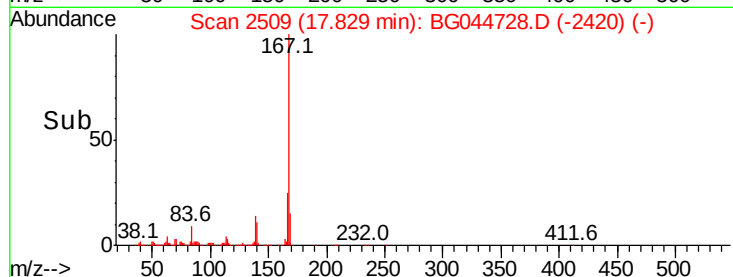


Abundance

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: 37.091 ng

RT: 18.40 min Scan# 2607

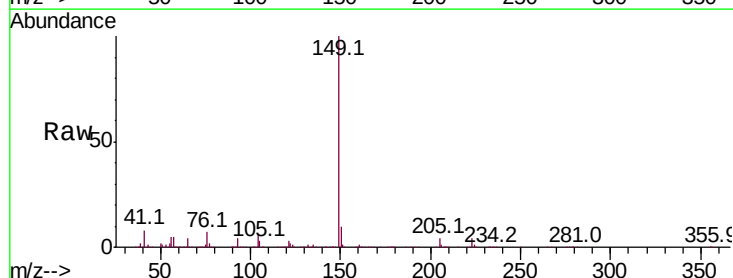
Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Tgt Ion:149 Resp: 1490609

Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.4	12.6
104	6.3	5.6	8.4

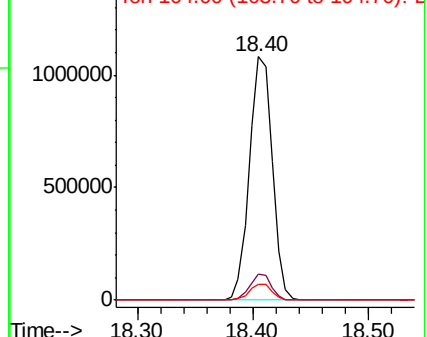
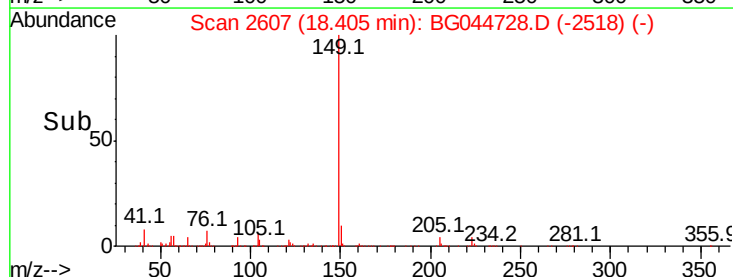


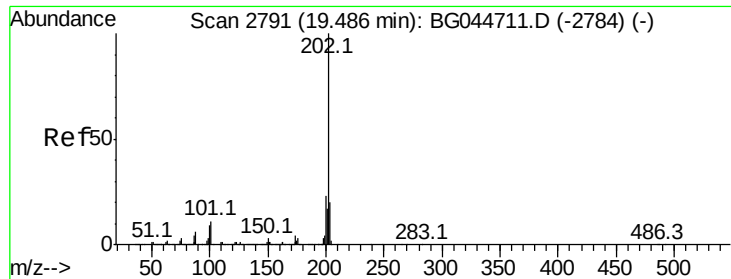
Abundance

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: 36.911 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

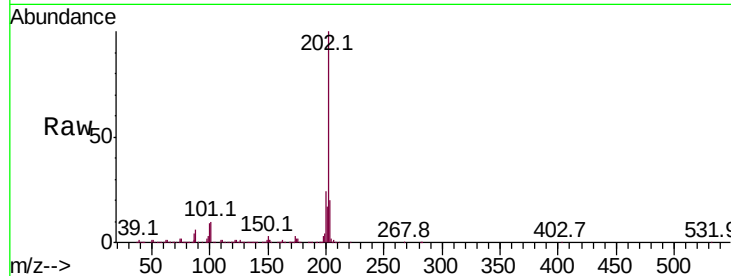
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1533942

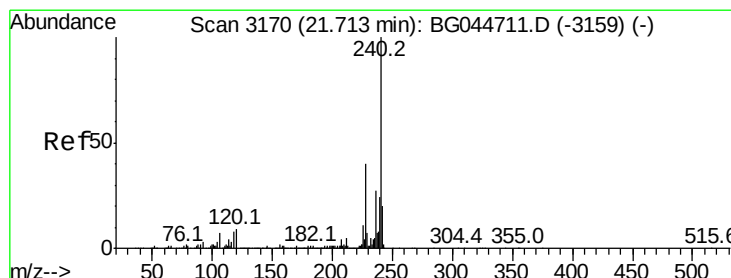
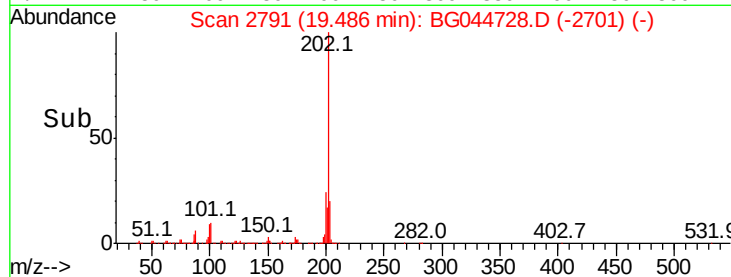
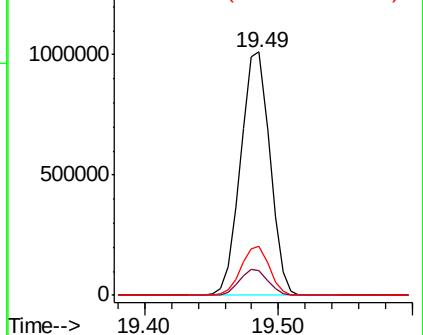
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	31.3
203	20.2	0.4	40.4



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

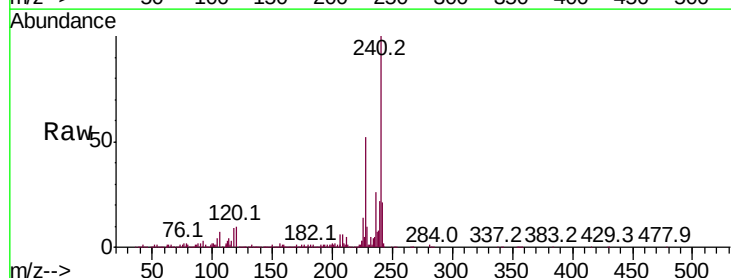
Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Tgt Ion:240 Resp: 580162

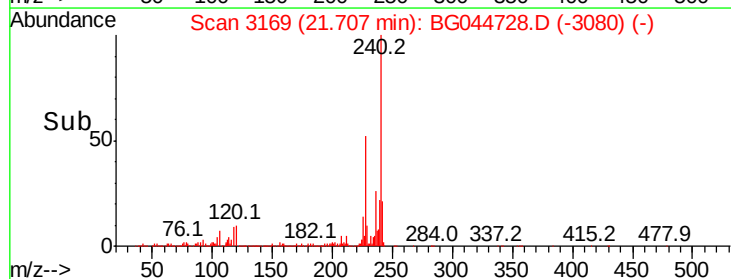
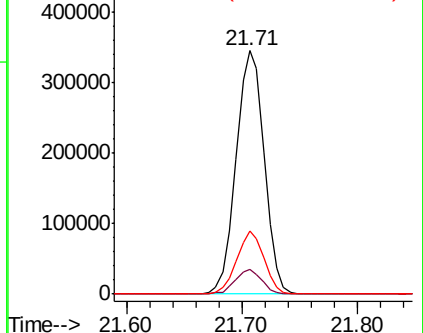
Ion	Ratio	Lower	Upper
240	100		
120	9.9	6.9	10.3
236	25.9	21.9	32.9

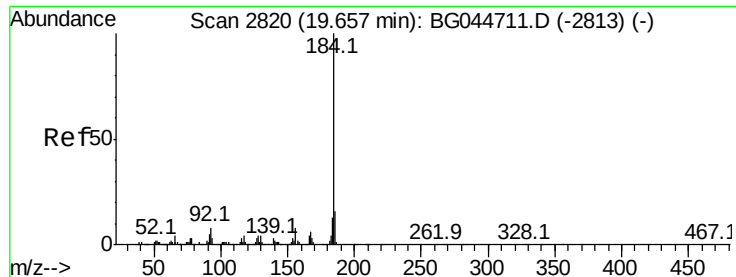


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.089 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampleId :

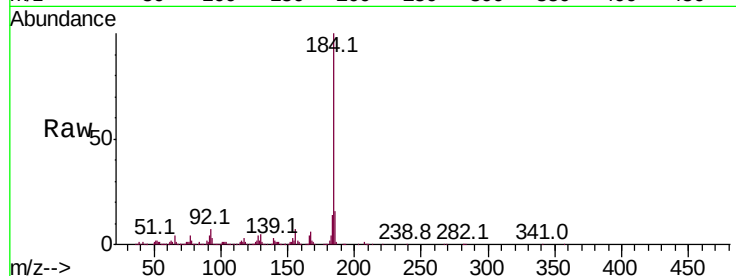
Tot Ion:184 Resp: 811560

Ion Ratio Lower Upper

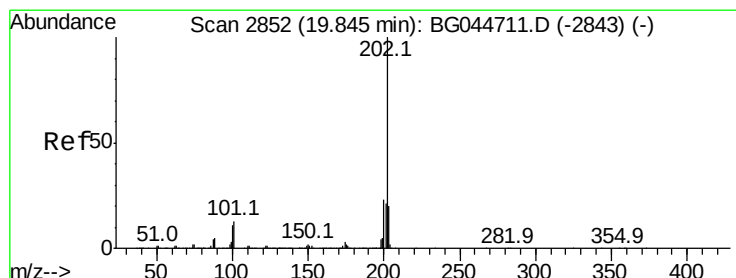
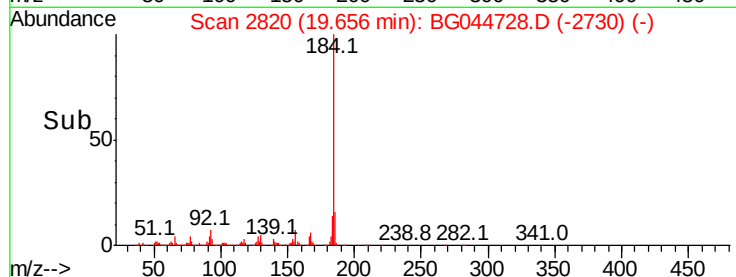
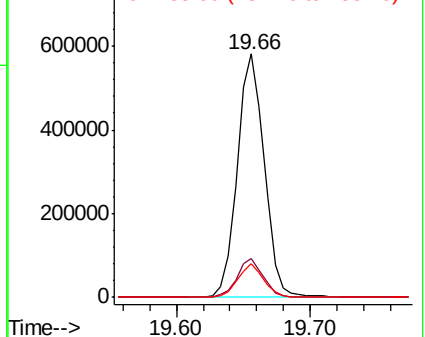
184 100

185 15.8 12.9 19.3

183 13.7 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: 36.272 ng

RT: 19.84 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

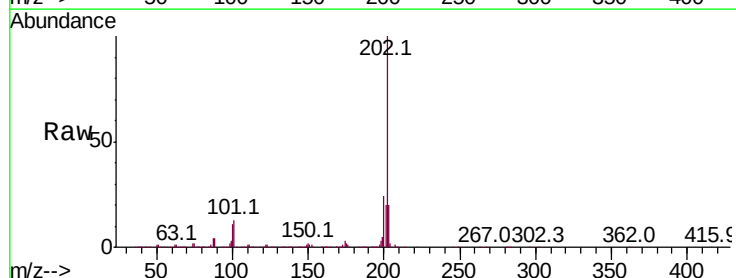
Tgt Ion:202 Resp: 1543919

Ion Ratio Lower Upper

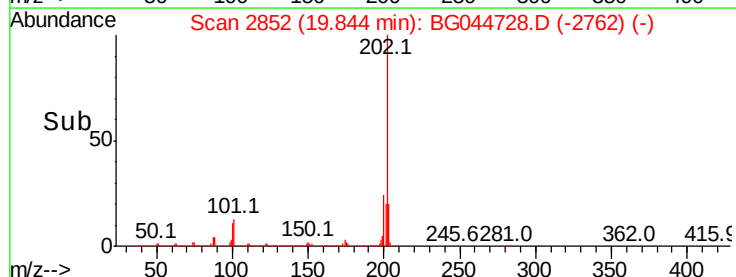
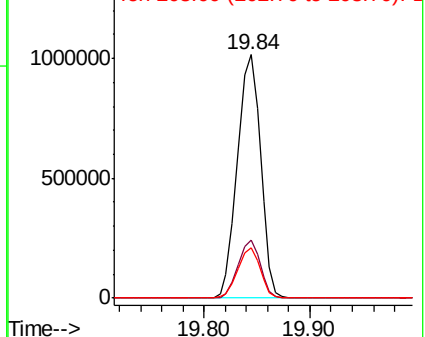
202 100

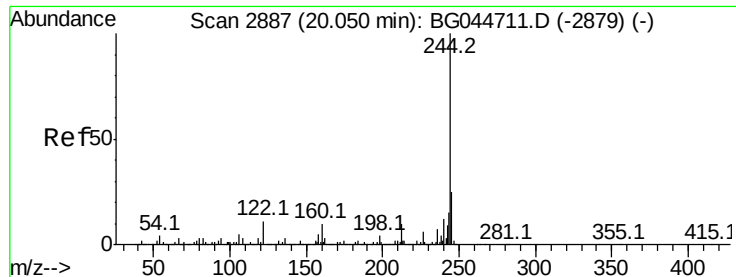
200 23.6 18.7 28.1

203 20.4 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: 71.435 ng

RT: 20.05 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampleId :

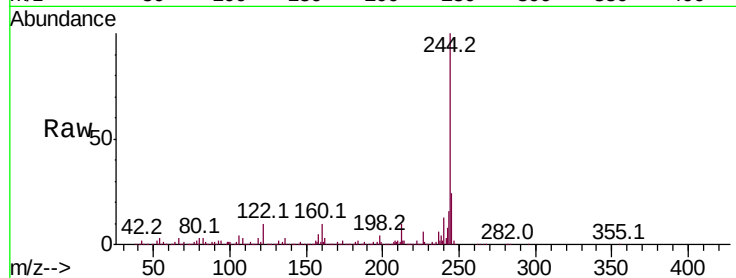
Tot Ion:244 Resp: 2215588

Ion Ratio Lower Upper

244 100

212 10.1 8.4 12.6

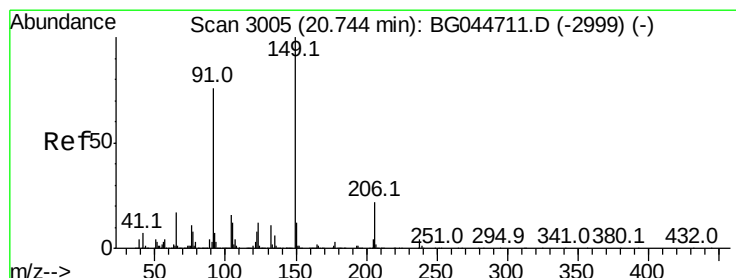
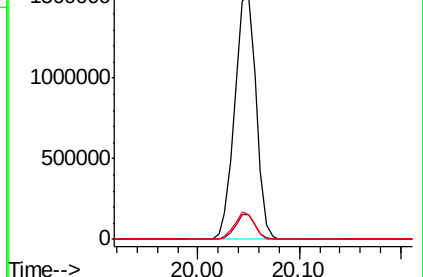
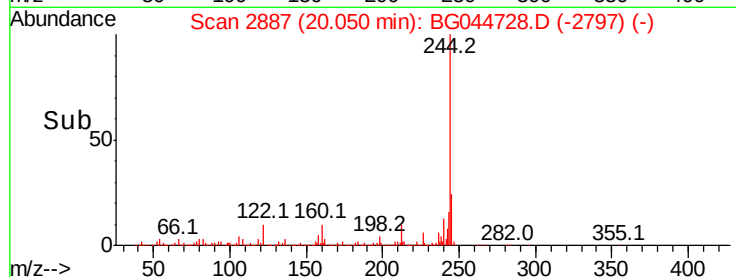
122 10.1 8.7 13.1



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: 36.739 ng

RT: 20.74 min Scan# 3004

Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

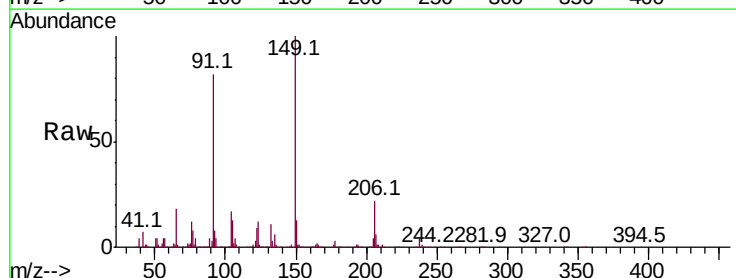
Tgt Ion:149 Resp: 695698

Ion Ratio Lower Upper

149 100

91 81.9 61.1 91.7

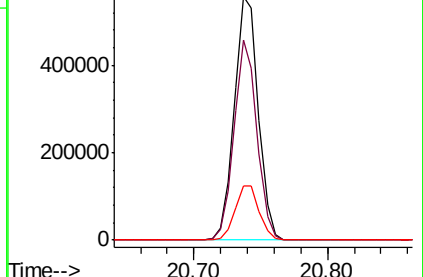
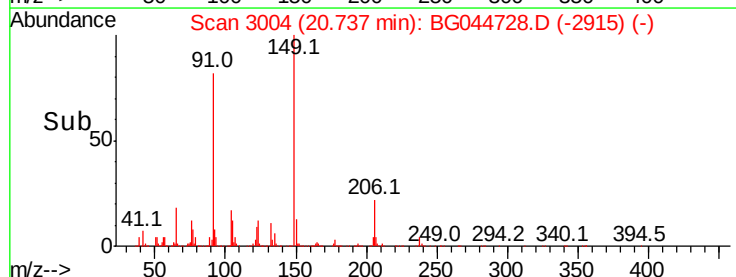
206 22.1 17.4 26.2

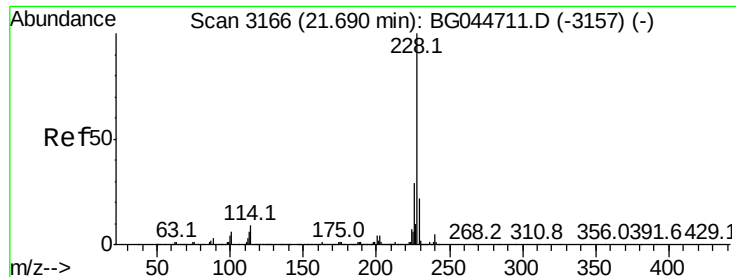


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

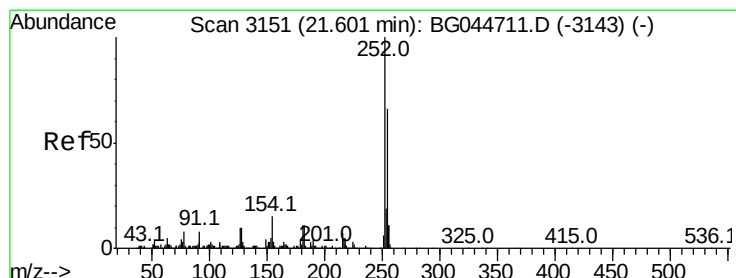
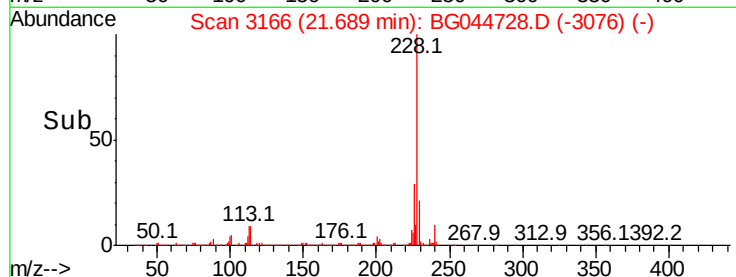
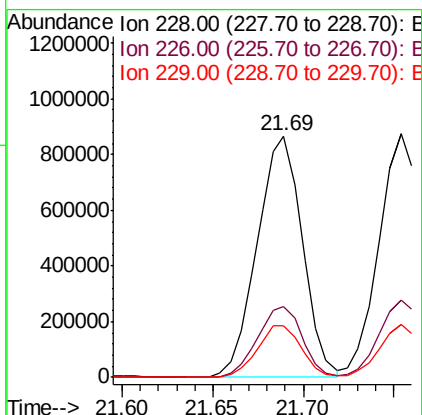
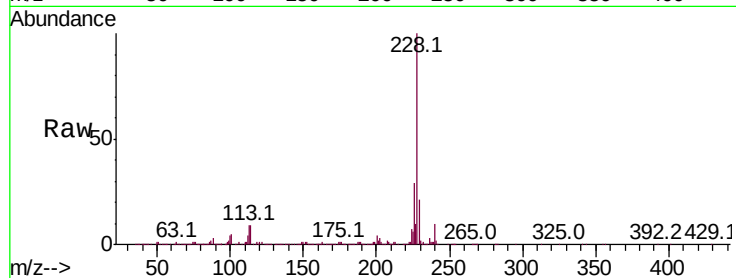




#81
Benzo(a)anthracene
Concen: 35.964 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

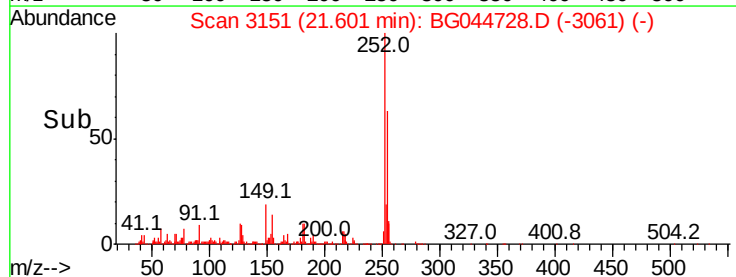
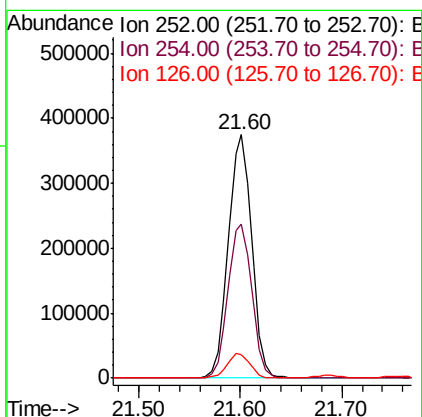
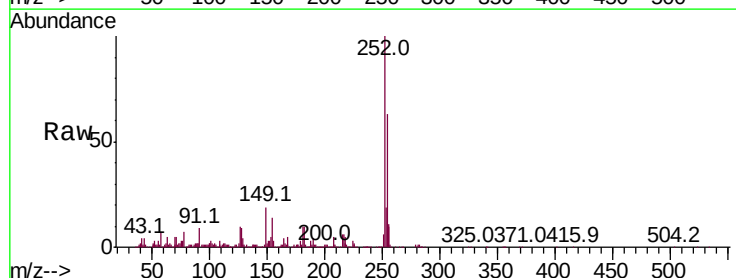
Instrument :
BNA_G
ClientSampled :

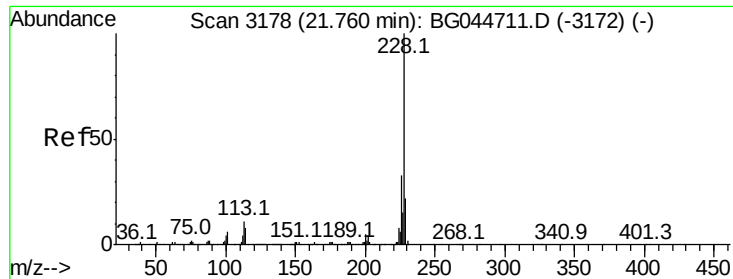
Tot Ion:228 Resp: 1502448
Ion Ratio Lower Upper
228 100
226 29.4 23.5 35.3
229 21.1 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 37.083 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG044728.D
Acq: 12 Mar 2020 10:11

Tgt Ion:252 Resp: 599323
Ion Ratio Lower Upper
252 100
254 63.1 53.0 79.4
126 9.6 8.2 12.4





#83

Chrysene

Concen: 36.566 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampled :

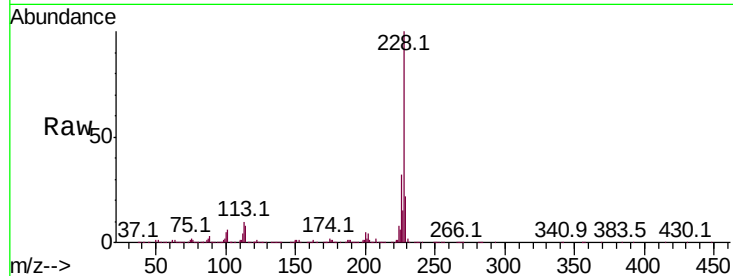
Tot Ion:228 Resp: 1459185

Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.1	39.1
229	21.7	17.4	26.0

228 100

226 32.0 26.1 39.1

229 21.7 17.4 26.0

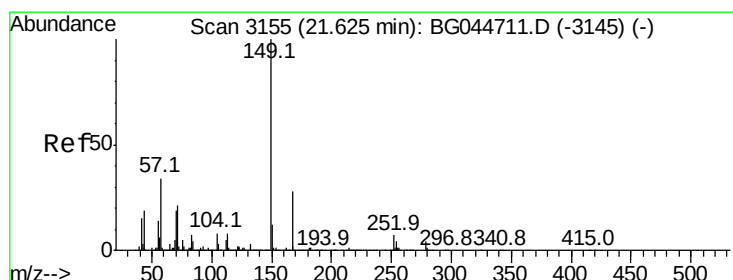
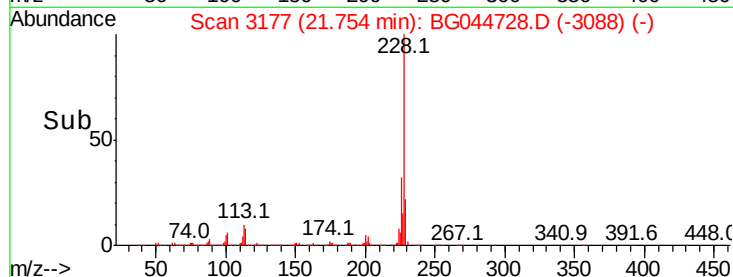
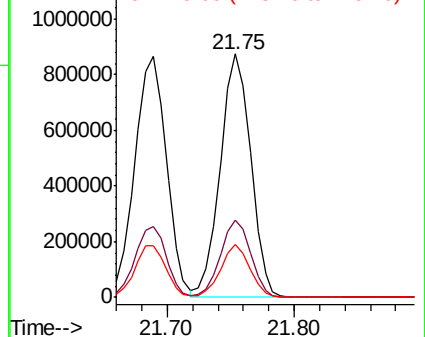


Abundance

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: 36.189 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

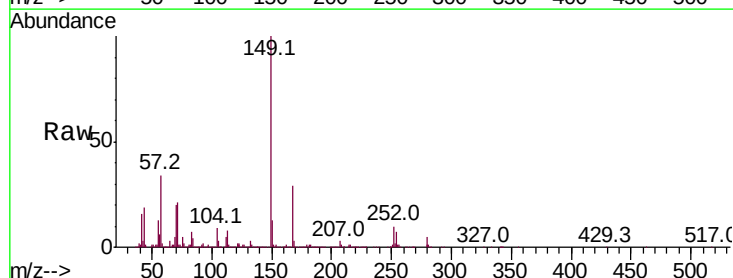
Tgt Ion:149 Resp: 945770

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.6	33.8
279	4.7	3.5	5.3

149 100

167 28.9 22.6 33.8

279 4.7 3.5 5.3

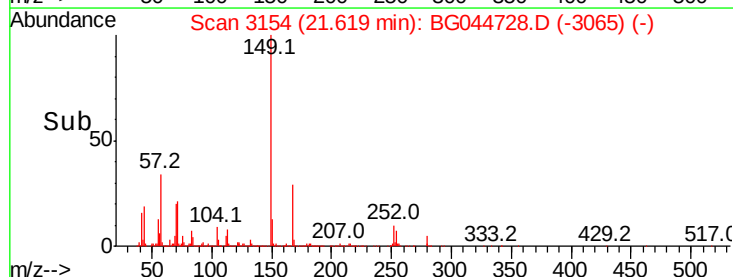
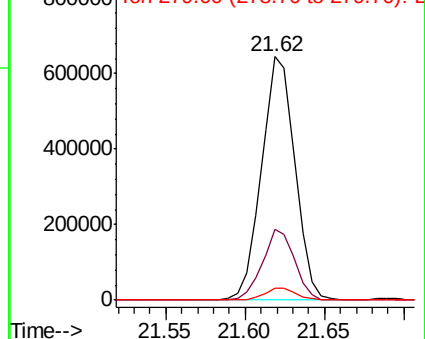


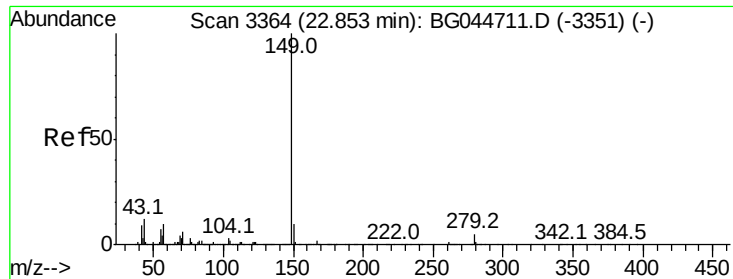
Abundance

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: 36.895 ng

RT: 22.85 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampleId :

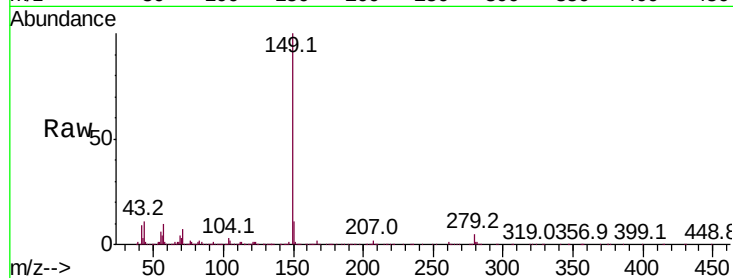
Tot Ion:149 Resp: 1613511

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

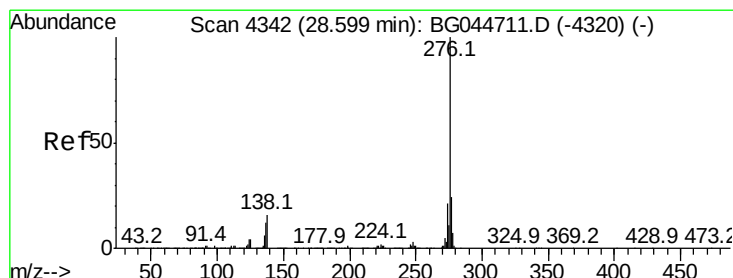
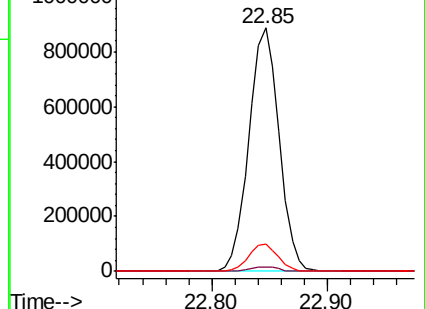
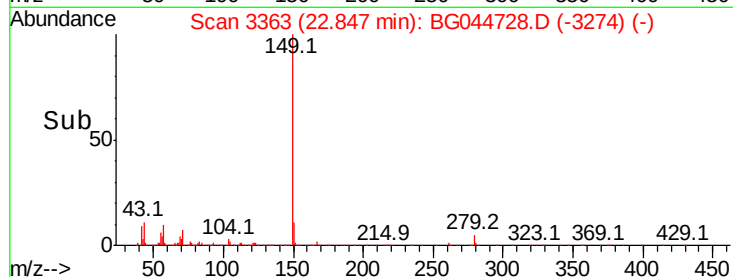
43 11.1 9.0 13.6



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: 36.374 ng

RT: 28.59 min Scan# 4340

Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

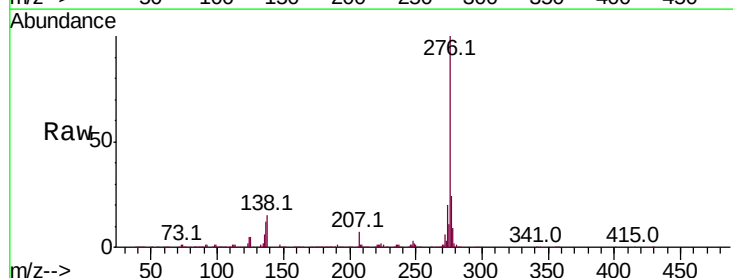
Tgt Ion:276 Resp: 1902961

Ion Ratio Lower Upper

276 100

138 19.3 10.9 16.3#

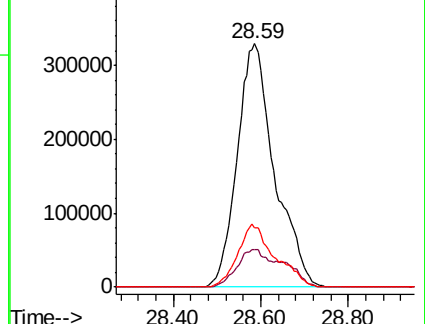
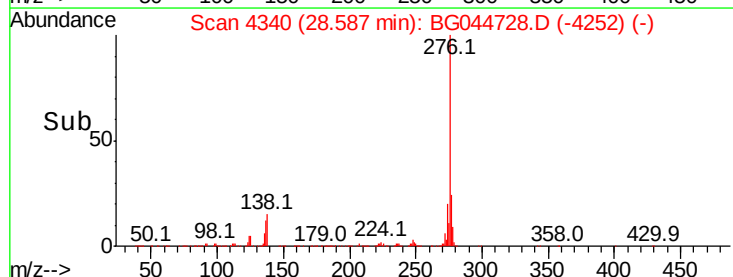
277 25.8 20.8 31.2

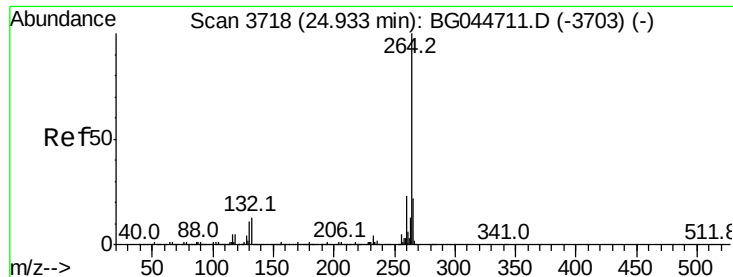


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG044728.D

Acq: 12 Mar 2020 10:11

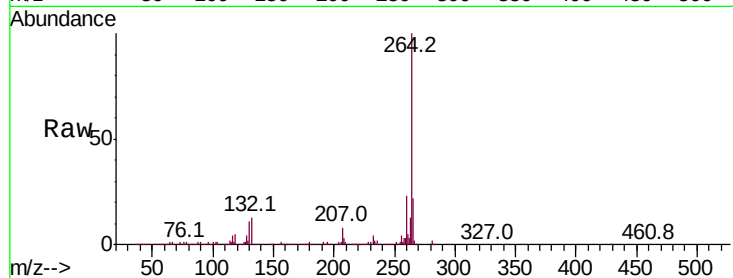
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 683921

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.4	27.6
265	21.7	17.4	26.2

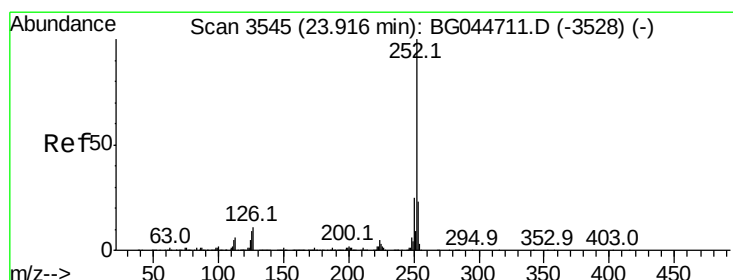
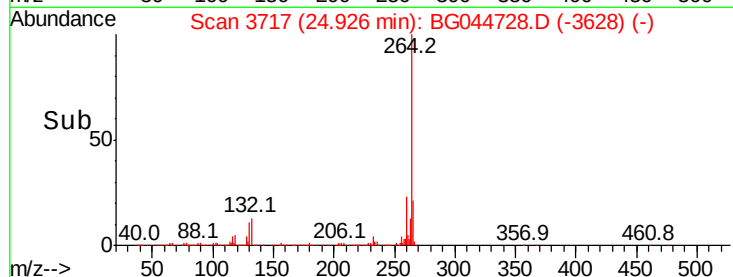
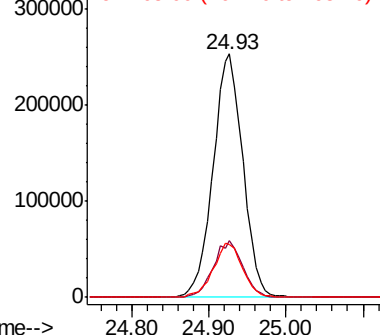


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.716 ng

RT: 23.91 min Scan# 3544

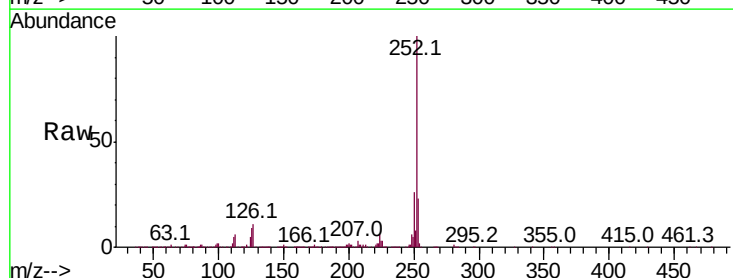
Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Tgt Ion:252 Resp: 1657752

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	8.9	7.2	10.8

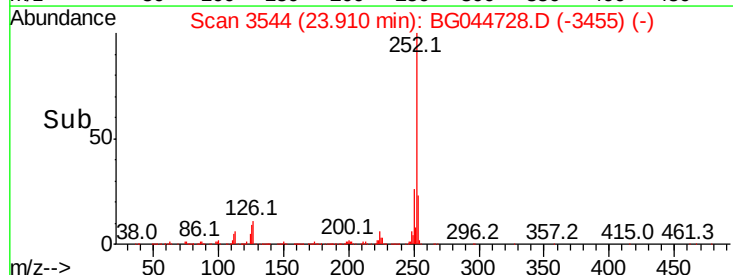
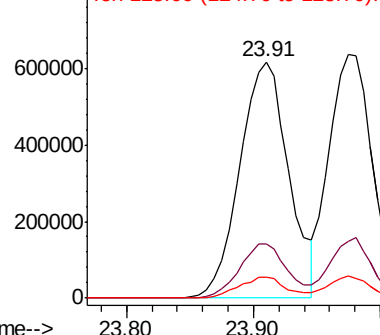


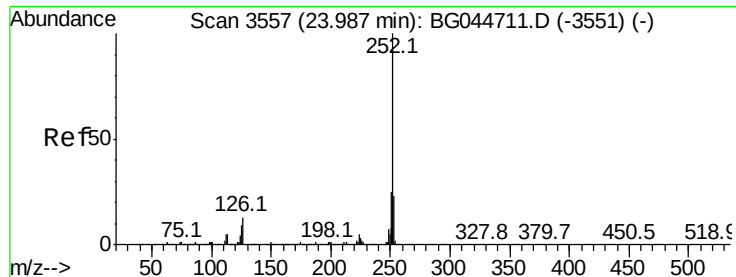
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 35.317 ng

RT: 23.97 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampled :

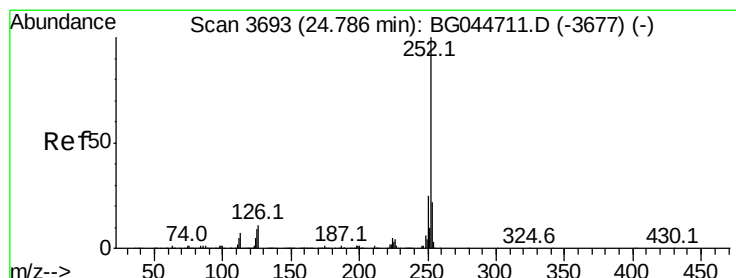
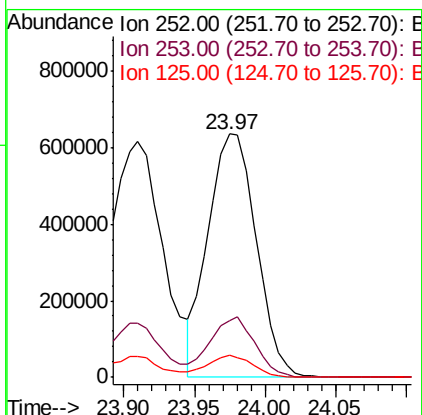
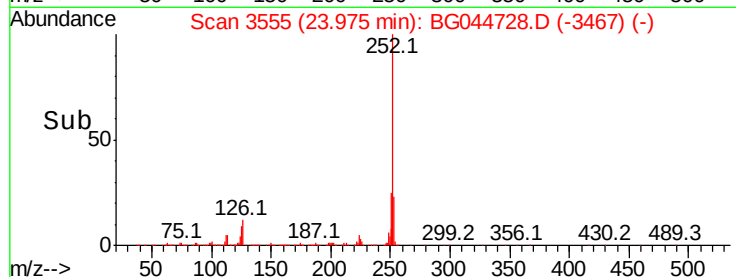
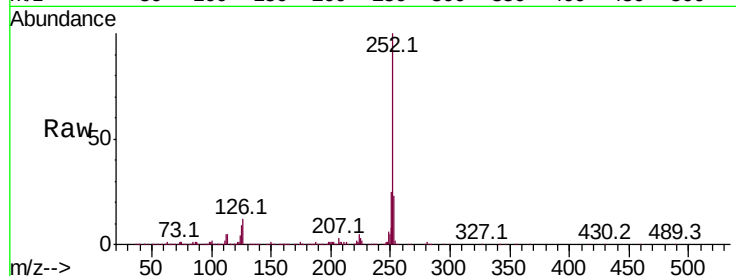
Tot Ion:252 Resp: 1509022

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

125 9.0 7.0 10.4



#90

Benzo(a)pyrene

Concen: 36.555 ng

RT: 24.77 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

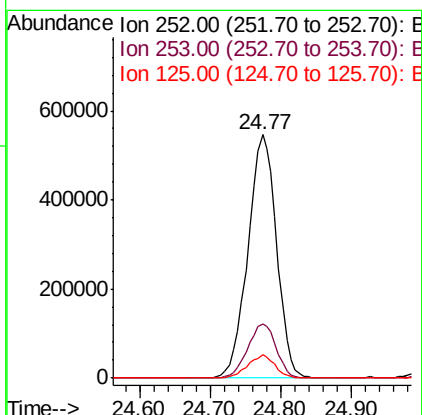
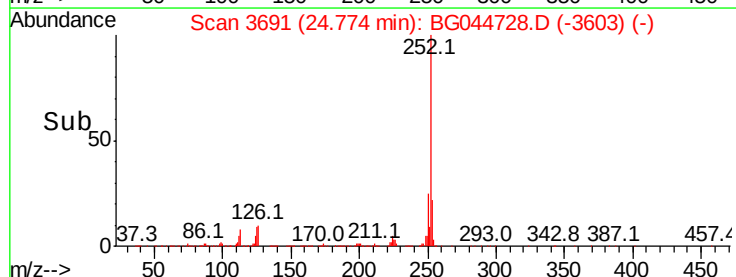
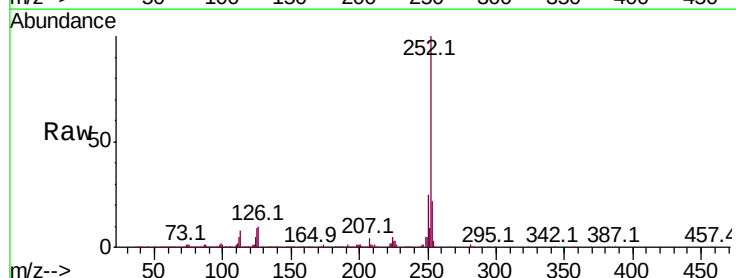
Tgt Ion:252 Resp: 1544376

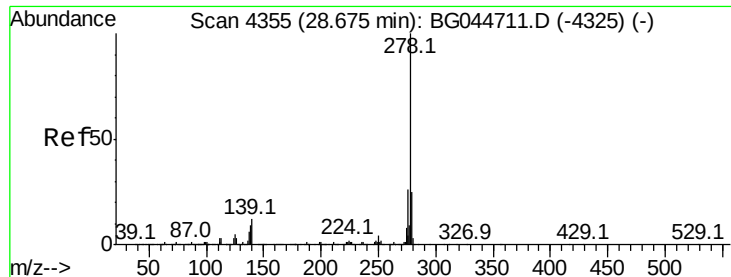
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 9.4 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 36.036 ng

RT: 28.66 min Scan# 4353

Delta R.T. -0.01 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

Instrument :

BNA_G

ClientSampleId :

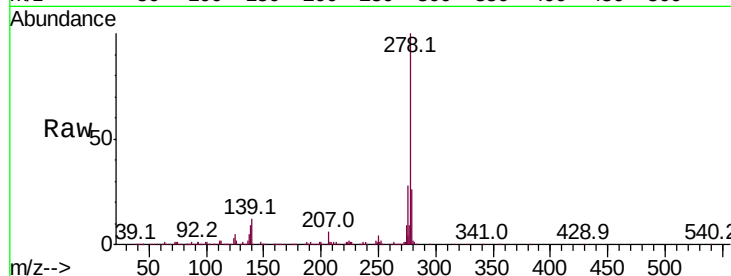
Tot Ion:278 Resp: 1501976

Ion Ratio Lower Upper

278 100

139 12.5 9.9 14.9

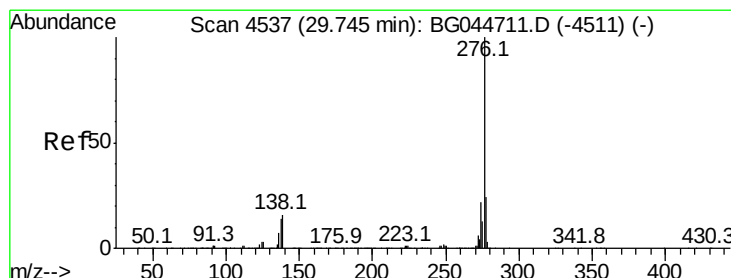
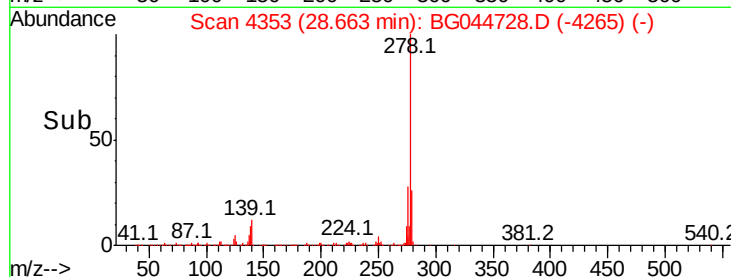
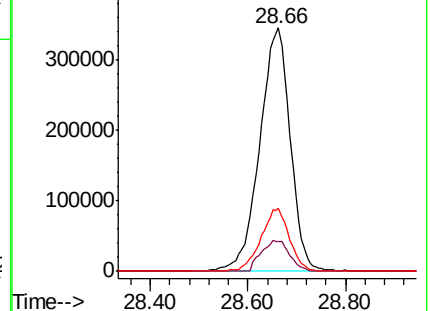
279 25.7 20.2 30.4



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: 36.100 ng

RT: 29.73 min Scan# 4534

Delta R.T. -0.02 min

Lab File: BG044728.D

Acq: 12 Mar 2020 10:11

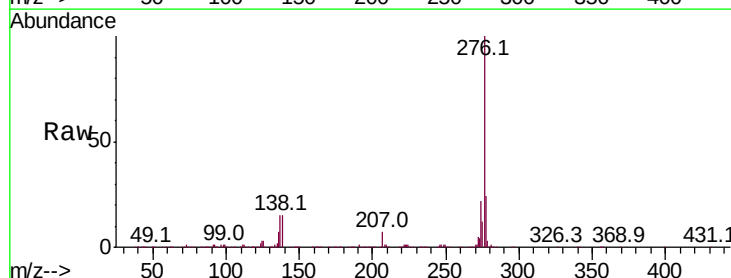
Tgt Ion:276 Resp: 1520168

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 15.0 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

