

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
 Data File : BG044726.D
 Acq On : 11 Mar 2020 19:12
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 12 01:13:50 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	106178	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	424832	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	292036	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	671610	20.00	ng	0.00
76) Chrysene-d12	21.71	240	605741	20.00	ng	0.00
87) Perylene-d12	24.93	264	716445	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	533503	78.22	ng	0.00
7) Phenol-d6	7.21	99	771711	77.87	ng	0.00
23) Nitrobenzene-d5	9.21	82	751776	77.65	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	309273	80.88	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1537693	75.40	ng	0.00
79) Terphenyl-d14	20.05	244	2401504	74.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	126404	38.484	ng	96
3) Pyridine	3.92	79	378603	38.937	ng	97
4) n-Nitrosodimethylamine	3.84	42	151835	41.156	ng	# 97
6) Aniline	7.37	93	476424	38.635	ng	97
8) 2-Chlorophenol	7.62	128	267259	39.252	ng	98
9) Benzaldehyde	7.18	77	232897	38.073	ng	98
10) Phenol	7.24	94	380671	38.800	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	291132	37.181	ng	98
12) 1,3-Dichlorobenzene	7.95	146	324123	38.644	ng	99
13) 1,4-Dichlorobenzene	8.09	146	322859	38.936	ng	98
14) 1,2-Dichlorobenzene	8.41	146	300426	38.201	ng	94
15) Benzyl Alcohol	8.29	79	310524	39.053	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	531754	38.482	ng	98
17) 2-Methylphenol	8.49	107	256557	38.604	ng	96
18) Hexachloroethane	9.15	117	128078	39.232	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	264007	37.728	ng	97
20) 3+4-Methylphenols	8.82	107	358274	39.107	ng	97
22) Acetophenone	8.88	105	443402	36.841	ng	# 99
24) Nitrobenzene	9.26	77	390224	38.846	ng	99
25) Isophorone	9.78	82	712754	37.722	ng	97
26) 2-Nitrophenol	9.97	139	140218	41.102	ng	95
27) 2,4-Dimethylphenol	10.03	122	235735	38.310	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	425808	37.761	ng	98
29) 2,4-Dichlorophenol	10.50	162	282389	39.291	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	331642	38.591	ng	97
31) Naphthalene	10.92	128	896206	38.082	ng	99
32) Benzoic acid	10.16	122	169314	37.875	ng	96
33) 4-Chloroaniline	11.01	127	400938	37.815	ng	100
34) Hexachlorobutadiene	11.22	225	217718	38.525	ng	96
35) Caprolactam	11.79	113	110349	40.552	ng	94
36) 4-Chloro-3-methylphenol	12.13	107	331646	38.691	ng	95
37) 2-Methylnaphthalene	12.52	142	668454	37.972	ng	99
38) 1-Methylnaphthalene	12.74	142	634639	38.346	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	356958	37.115	ng	99

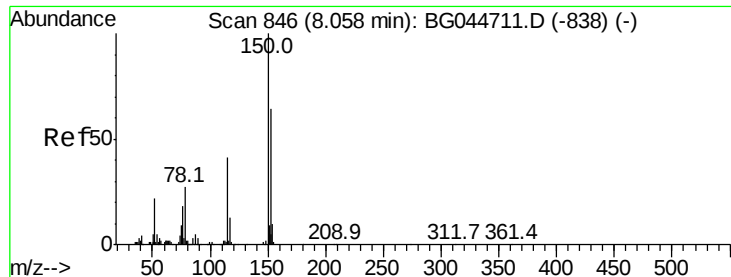
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
 Data File : BG044726.D
 Acq On : 11 Mar 2020 19:12
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Quant Time: Mar 12 01:13:50 2020
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 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	207684	39.513	ng	94
43) 2,4,6-Trichlorophenol	13.12	196	251705	39.435	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	255316	38.571	ng	99
46) 1,1'-Biphenyl	13.52	154	884515	37.901	ng	99
47) 2-Chloronaphthalene	13.57	162	667632	37.449	ng	98
48) 2-Nitroaniline	13.75	65	255745	40.976	ng	99
49) Acenaphthylene	14.41	152	1054108	37.742	ng	99
50) Dimethylphthalate	14.15	163	895082	38.483	ng	99
51) 2,6-Dinitrotoluene	14.25	165	191705	40.890	ng	99
52) Acenaphthene	14.75	154	707439	38.676	ng	99
53) 3-Nitroaniline	14.58	138	216016	40.076	ng	99
54) 2,4-Dinitrophenol	14.78	184	89151	40.926	ng	# 83
55) Dibenzofuran	15.09	168	1015397	38.281	ng	98
56) 4-Nitrophenol	14.88	139	165541	40.241	ng	91
57) 2,4-Dinitrotoluene	15.04	165	269507	41.914	ng	97
58) Fluorene	15.74	166	833017	38.177	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	249644	40.964	ng	99
60) Diethylphthalate	15.51	149	944334	38.927	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	459378	39.099	ng	99
62) 4-Nitroaniline	15.75	138	230437	40.092	ng	98
63) Azobenzene	16.03	77	970422	38.521	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	123417	40.491	ng	94
66) n-Nitrosodiphenylamine	15.94	169	753201	37.250	ng	98
67) 4-Bromophenyl-phenylether	16.63	248	311316	37.079	ng	97
68) Hexachlorobenzene	16.74	284	341052	37.442	ng	95
69) Atrazine	16.89	200	297315	40.134	ng	97
70) Pentachlorophenol	17.09	266	205693	41.042	ng	95
71) Phenanthrene	17.48	178	1368544	38.132	ng	100
72) Anthracene	17.57	178	1366876	38.624	ng	98
73) Carbazole	17.83	167	1306778	38.441	ng	99
74) Di-n-butylphthalate	18.41	149	1629191	39.425	ng	99
75) Fluoranthene	19.48	202	1676569	39.234	ng	99
77) Benzidine	19.66	184	806960	41.036	ng	99
78) Pyrene	19.85	202	1673322	37.652	ng	99
80) Butylbenzylphthalate	20.74	149	767523	38.821	ng	96
81) Benzo(a)anthracene	21.69	228	1661011	38.081	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	658314	39.013	ng	99
83) Chrysene	21.76	228	1577229	37.855	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	1045399	38.312	ng	100
85) Di-n-octyl phthalate	22.85	149	1781985	39.026	ng	100
86) Indeno(1,2,3-cd)pyrene	28.60	276	2126492	38.930	ng	99
88) Benzo(b)fluoranthene	23.91	252	1834754	38.791	ng	99
89) Benzo(k)fluoranthene	23.98	252	1685632	37.659	ng	100
90) Benzo(a)pyrene	24.78	252	1687369	38.127	ng	100
91) Dibenzo(a,h)anthracene	28.67	278	1693382	38.784	ng	99
92) Benzo(g,h,i)perylene	29.73	276	1689371	38.296	ng	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: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampleId :

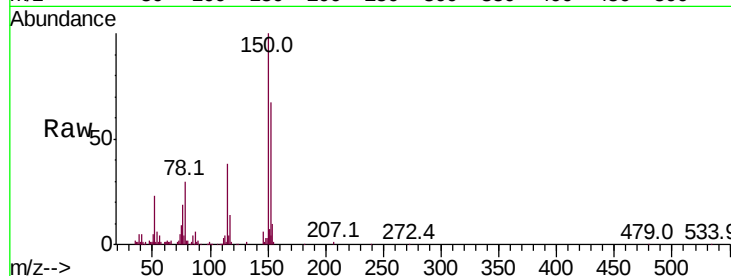
Tot Ion:152 Resp: 106178

Ion Ratio Lower Upper

152 100

150 148.4 125.3 187.9

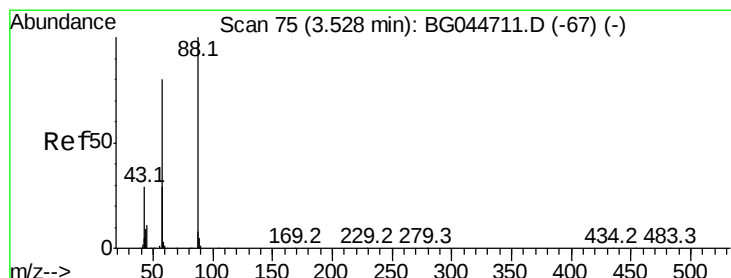
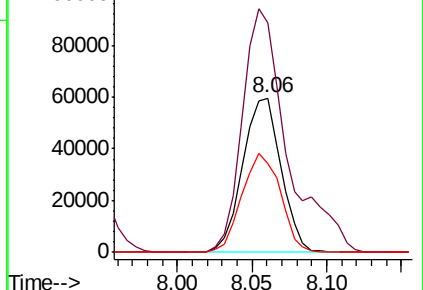
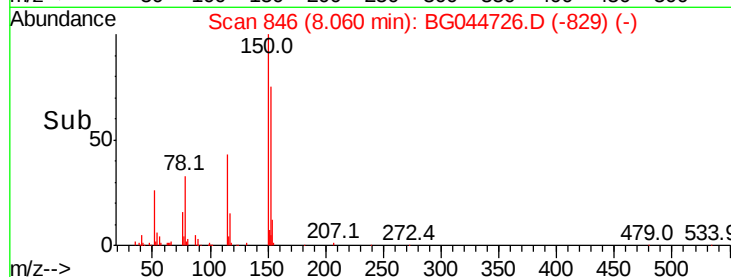
115 57.1 51.7 77.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.484 ng

RT: 3.53 min Scan# 75

Delta R.T. 0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

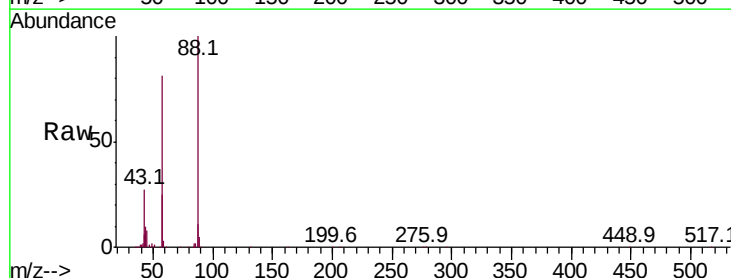
Tgt Ion: 88 Resp: 126404

Ion Ratio Lower Upper

88 100

58 83.1 63.0 94.4

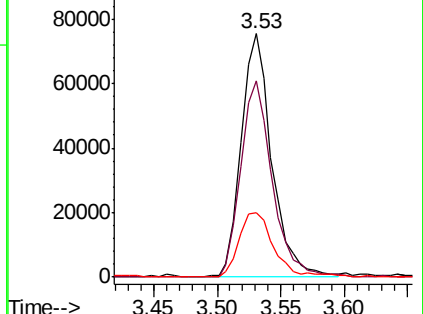
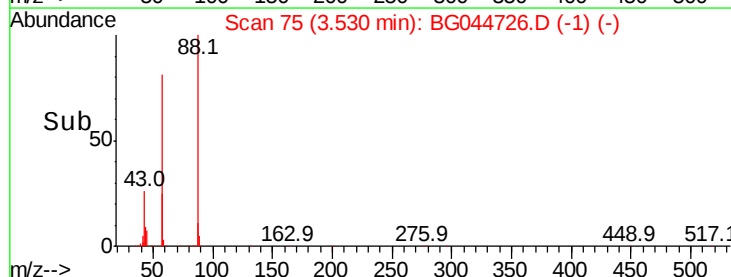
43 30.4 23.2 34.8

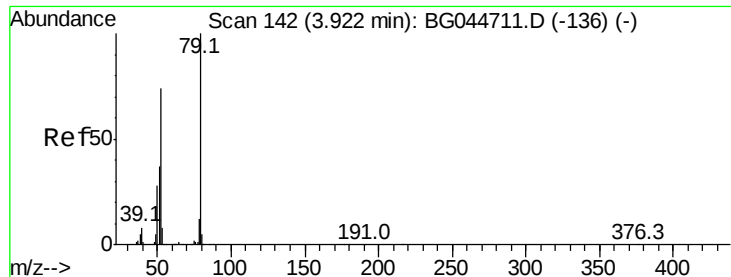


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.937 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampled :

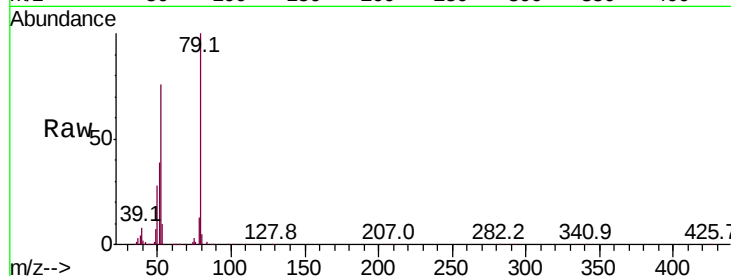
Tot Ion: 79 Resp: 378603

Ion Ratio Lower Upper

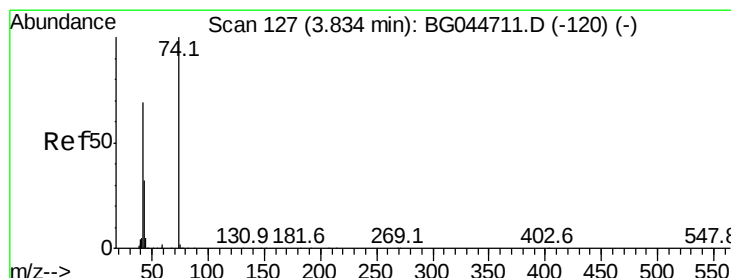
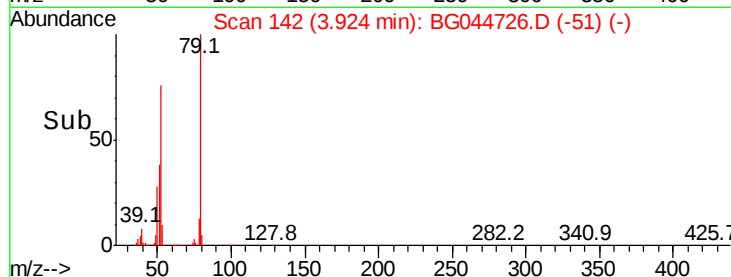
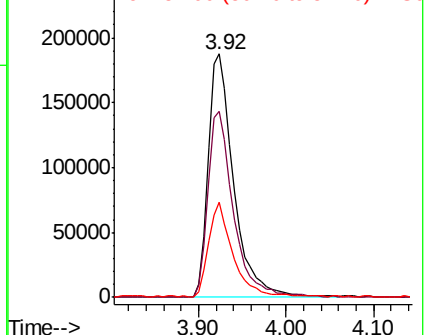
79 100

52 76.3 59.4 89.2

51 39.1 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: 41.156 ng

RT: 3.84 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

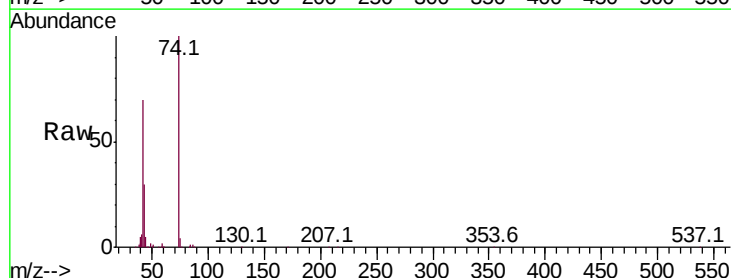
Tgt Ion: 42 Resp: 151835

Ion Ratio Lower Upper

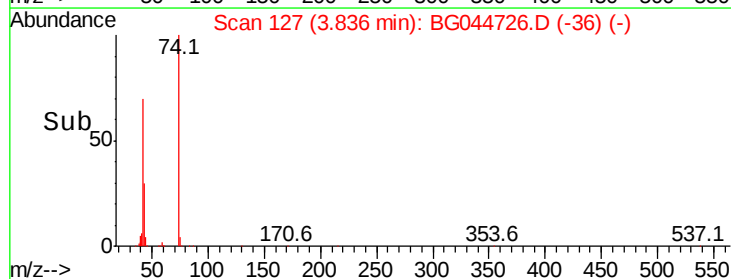
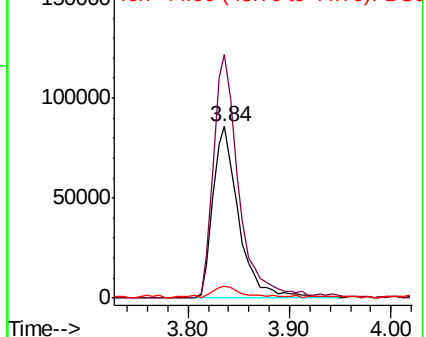
42 100

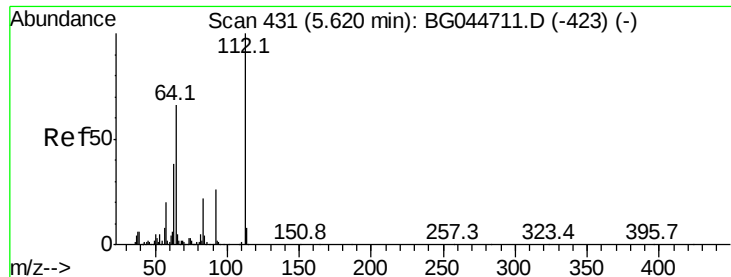
74 141.9 116.1 174.1

44 6.8 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: 78.218 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampleId :

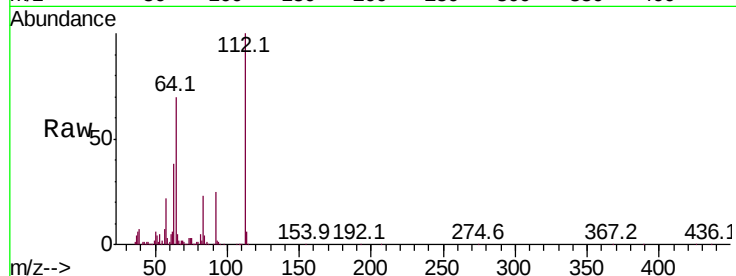
Tot Ion:112 Resp: 533503

Ion Ratio Lower Upper

112 100

64 70.3 52.6 78.8

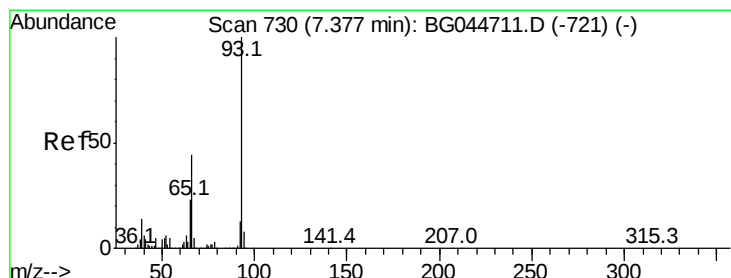
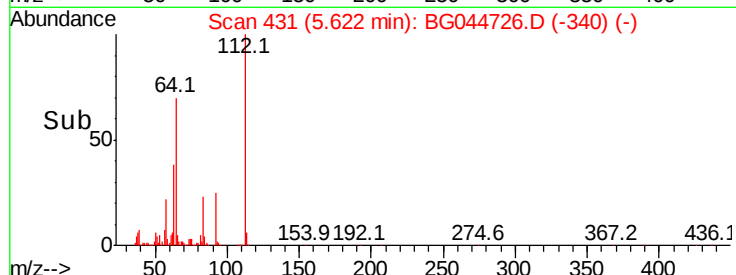
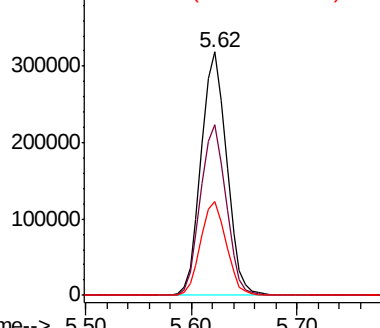
63 38.3 30.2 45.4



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: 38.635 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

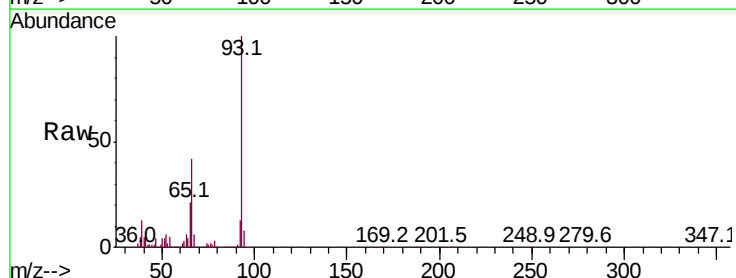
Tgt Ion: 93 Resp: 476424

Ion Ratio Lower Upper

93 100

66 42.2 35.3 52.9

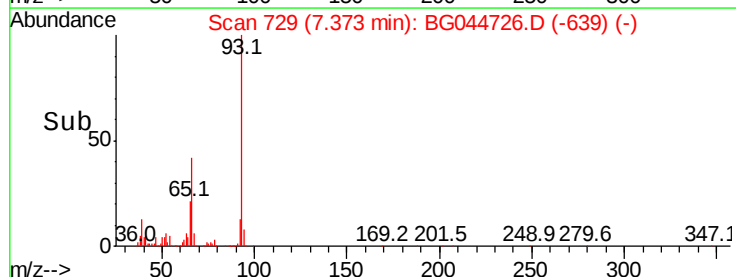
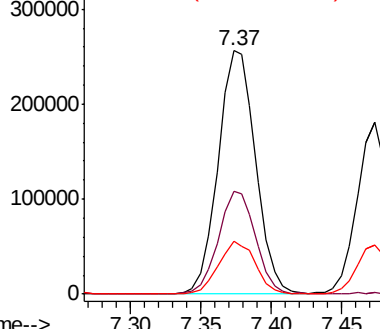
65 21.5 18.2 27.4

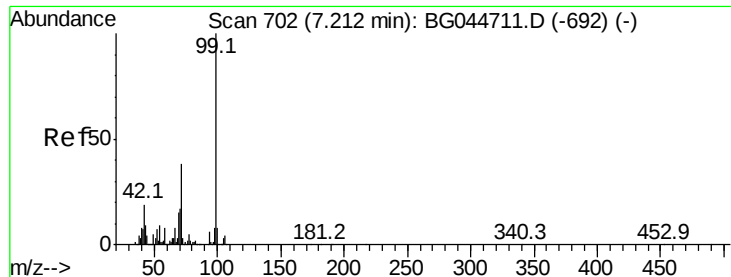


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.871 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampled :

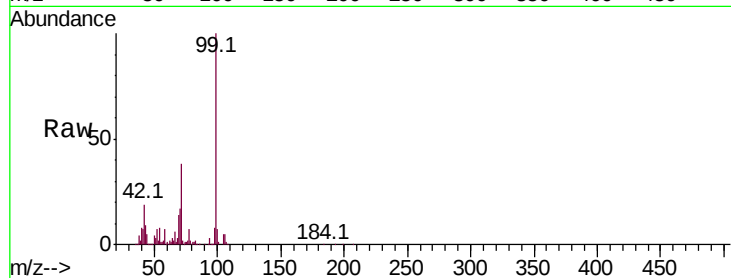
Tot Ion: 99 Resp: 771711

Ion Ratio Lower Upper

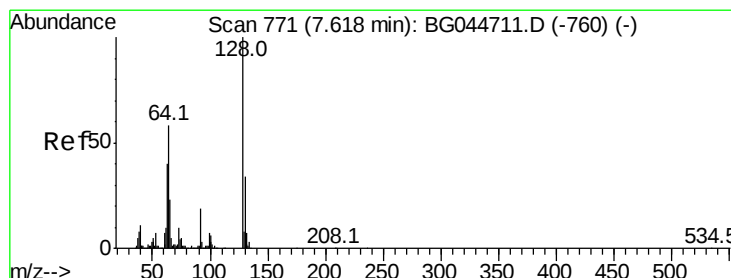
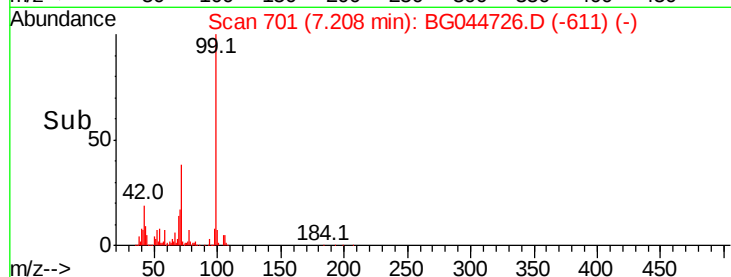
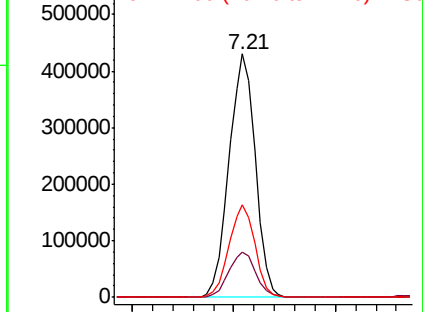
99 100

42 18.6 15.4 23.0

71 38.2 30.2 45.4



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



#8

2-Chlorophenol

Concen: 39.252 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

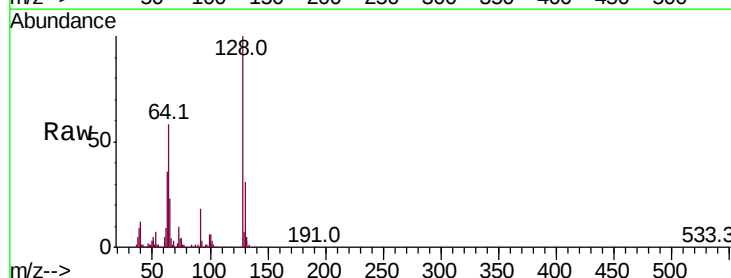
Tgt Ion:128 Resp: 267259

Ion Ratio Lower Upper

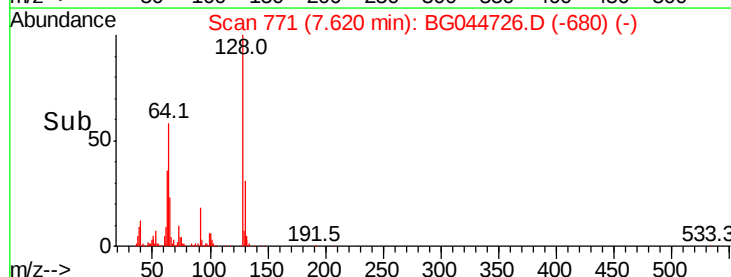
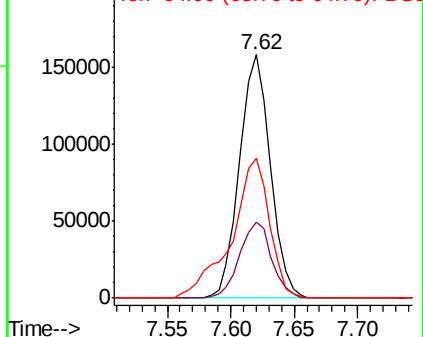
128 100

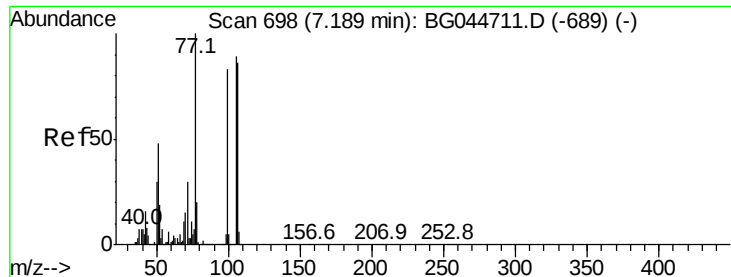
130 31.3 13.6 53.6

64 57.7 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





#9

Benzaldehyde

Concen: 38.073 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampleId :

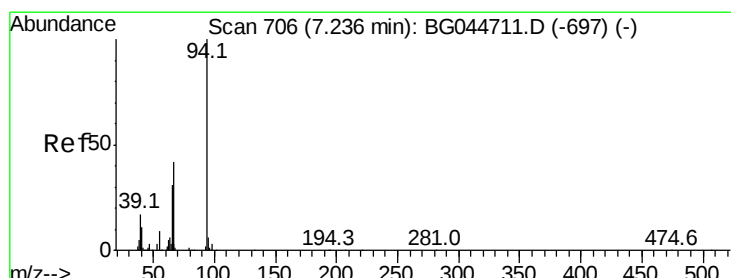
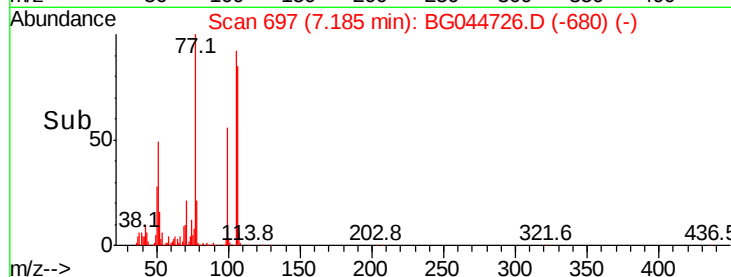
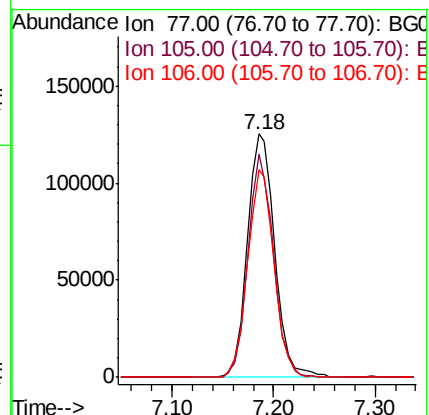
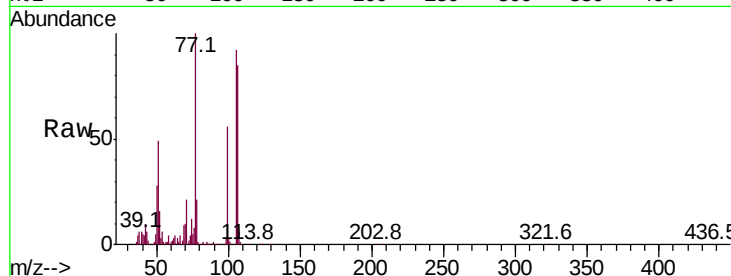
Tot Ion: 77 Resp: 232897

Ion Ratio Lower Upper

77 100

105 91.5 68.6 108.6

106 85.3 65.9 105.9



#10

Phenol

Concen: 38.800 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

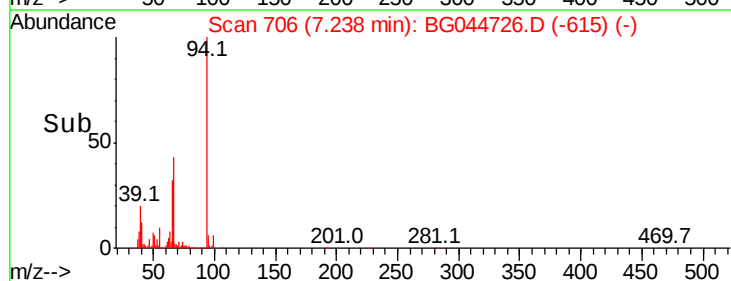
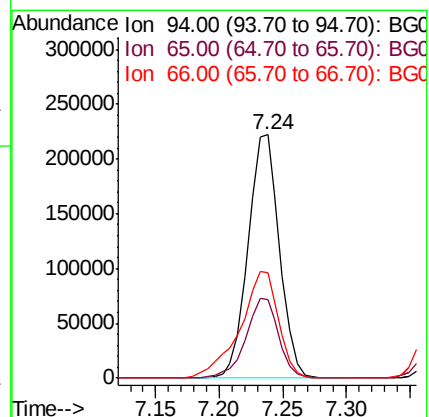
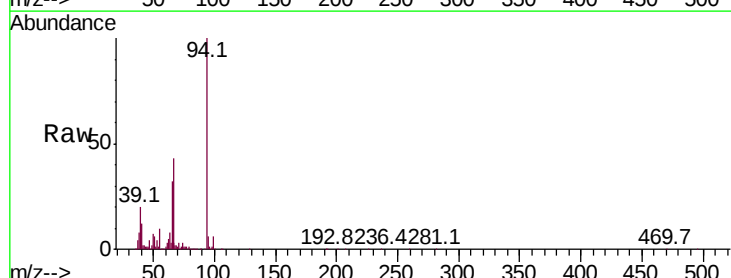
Tgt Ion: 94 Resp: 380671

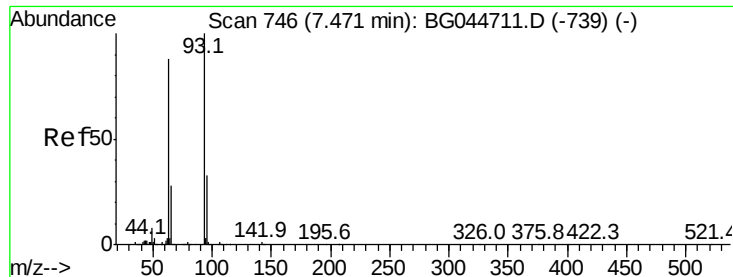
Ion Ratio Lower Upper

94 100

65 32.0 11.3 51.3

66 43.2 22.9 62.9

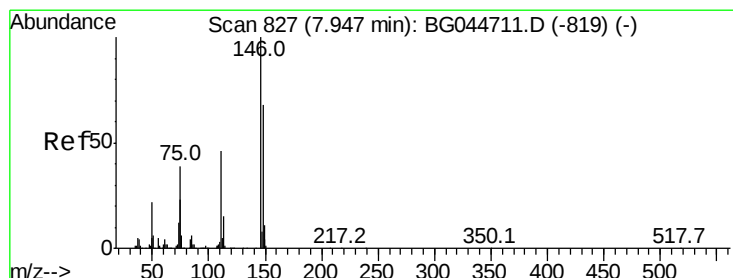
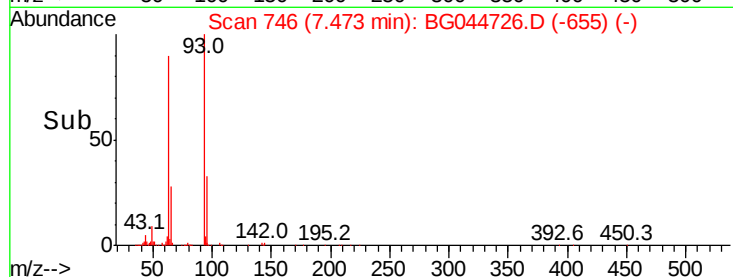
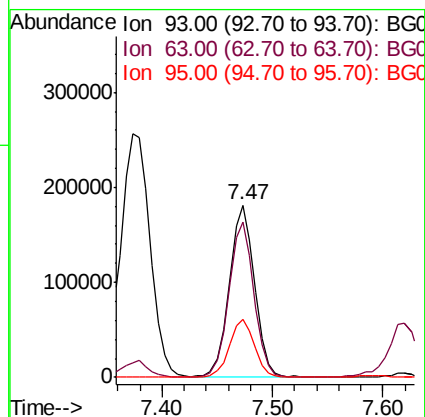
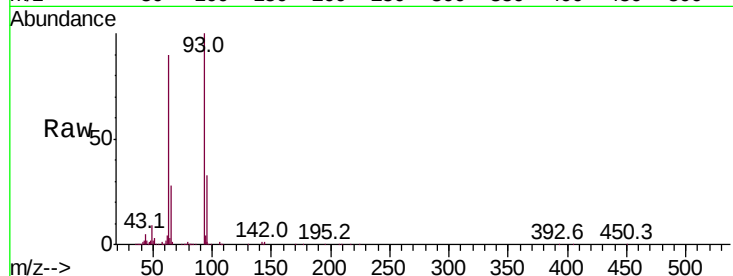




#11
bis(2-Chloroethyl)ether
Concen: 37.181 ng
RT: 7.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

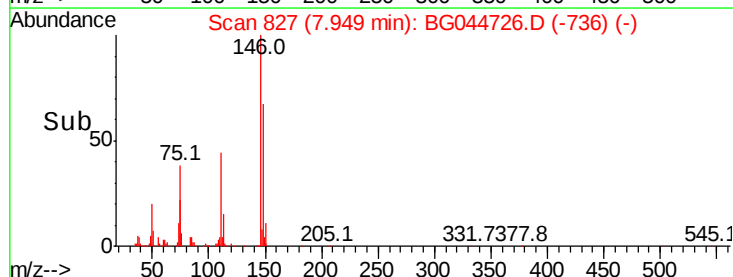
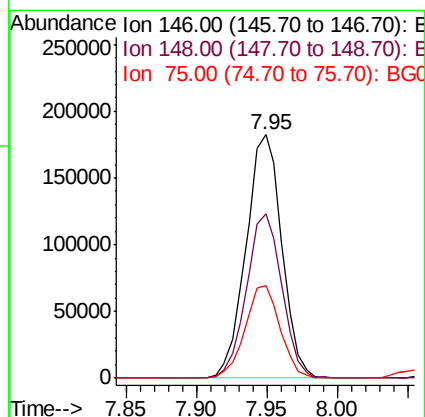
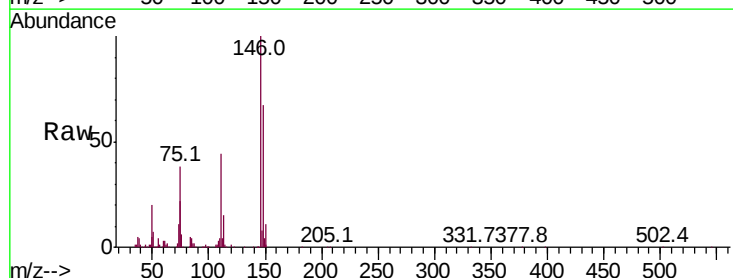
Instrument :
BNA_G
ClientSampleId :

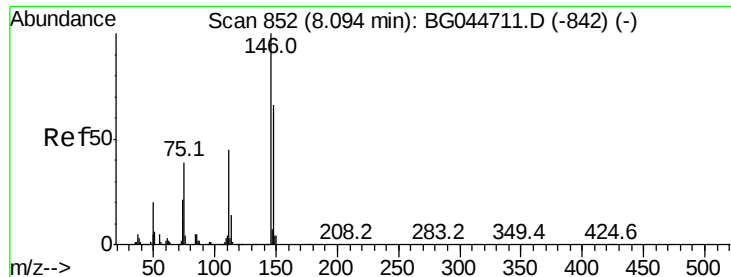
Tot Ion	Ratio	Lower	Upper
93	100		
63	90.2	68.1	108.1
95	33.4	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 38.644 ng
RT: 7.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.4	54.2	81.2
75	37.8	31.3	46.9

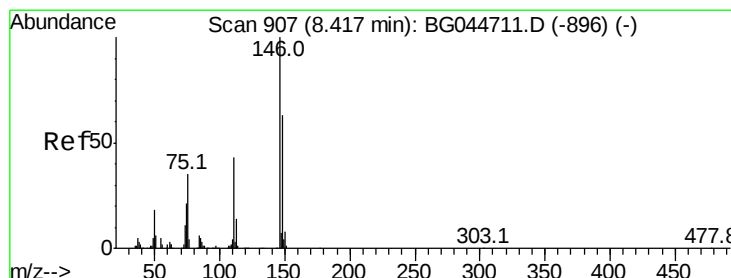
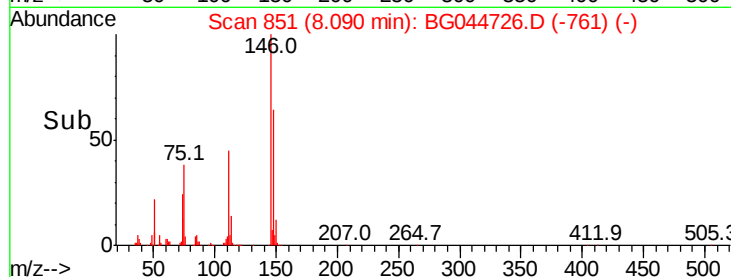
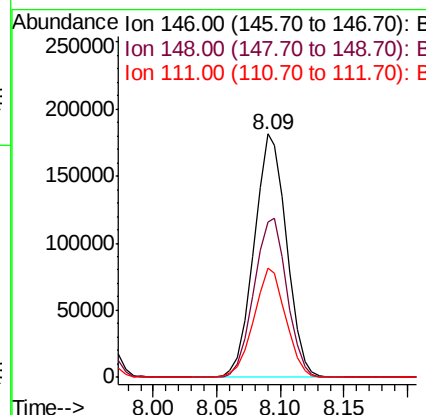
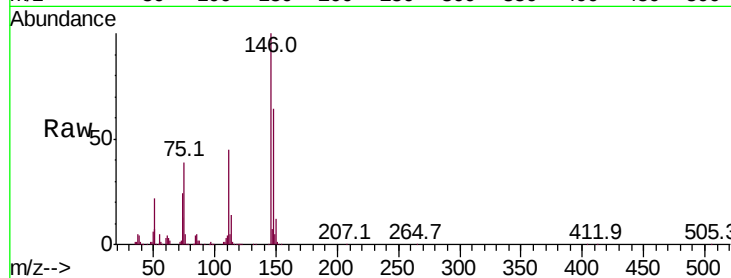




#13
 1,4-Dichlorobenzene
 Concen: 38.936 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG044726.D
 Acq: 11 Mar 2020 19:12

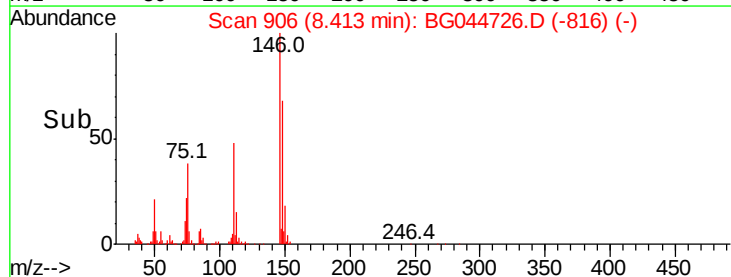
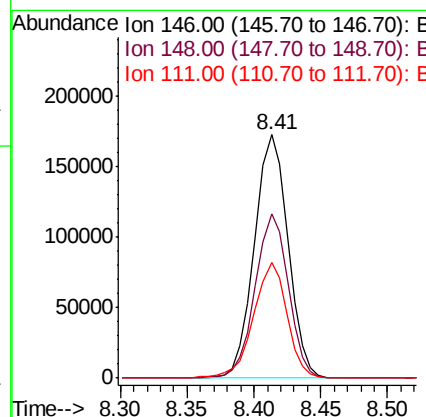
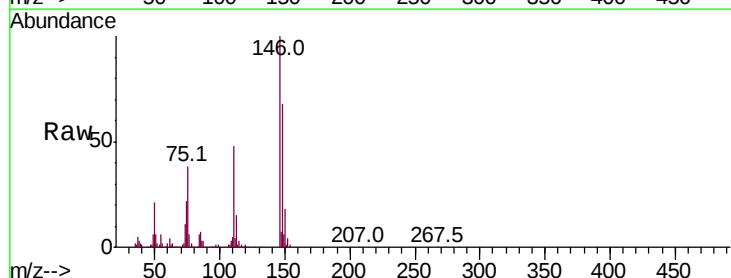
Instrument :
 BNA_G
 ClientSampleId :

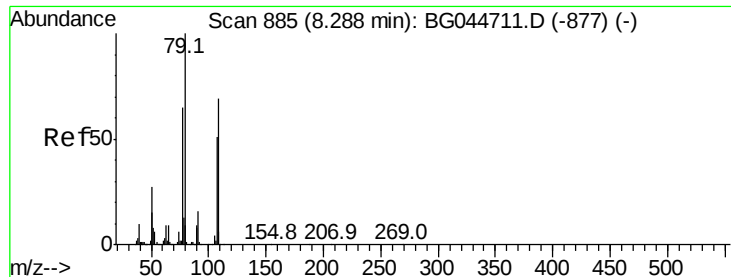
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.9	79.3
111	44.8	35.6	53.4



#14
 1,2-Dichlorobenzene
 Concen: 38.201 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG044726.D
 Acq: 11 Mar 2020 19:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	50.8	76.2
111	47.7	34.8	52.2





#15

Benzyl Alcohol

Concen: 39.053 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampleId :

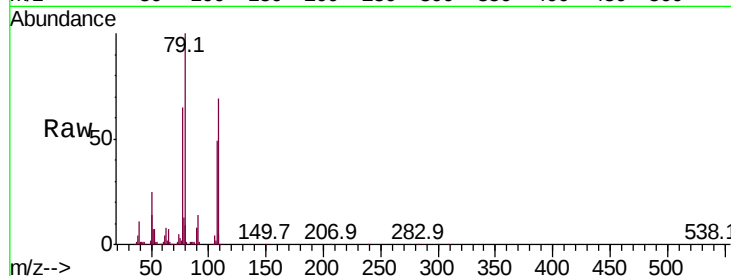
Tot Ion: 79 Resp: 310524

Ion Ratio Lower Upper

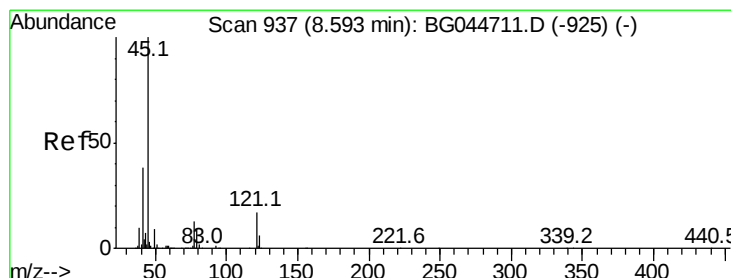
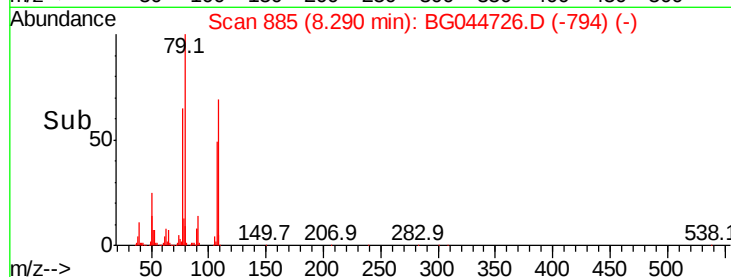
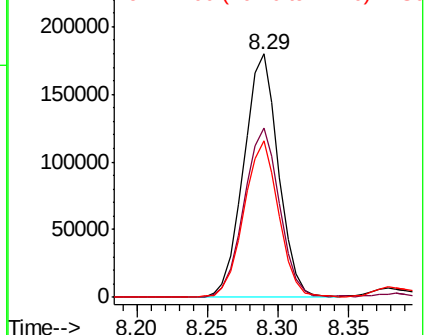
79 100

108 69.4 55.4 83.0

77 64.5 52.2 78.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.482 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.01 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

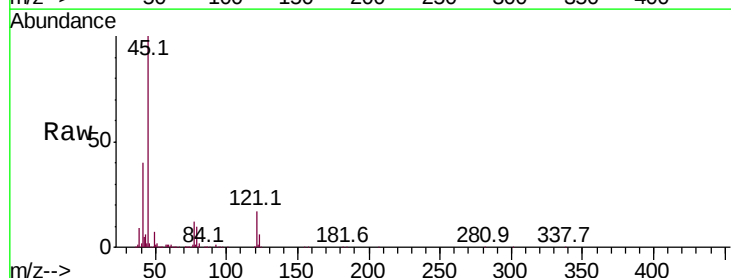
Tgt Ion: 45 Resp: 531754

Ion Ratio Lower Upper

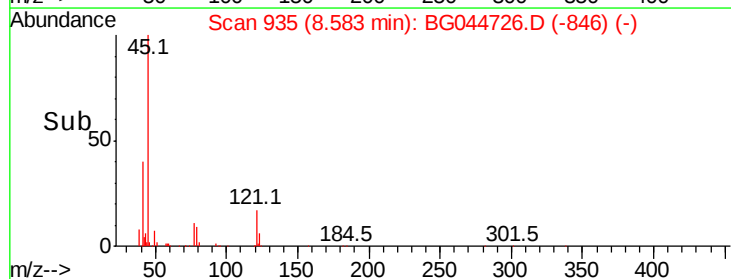
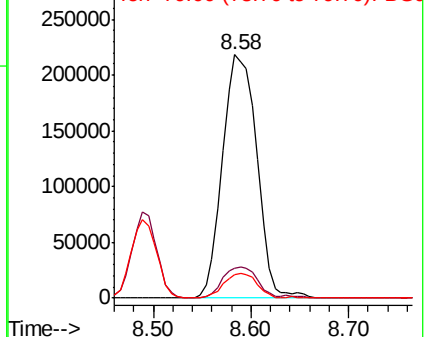
45 100

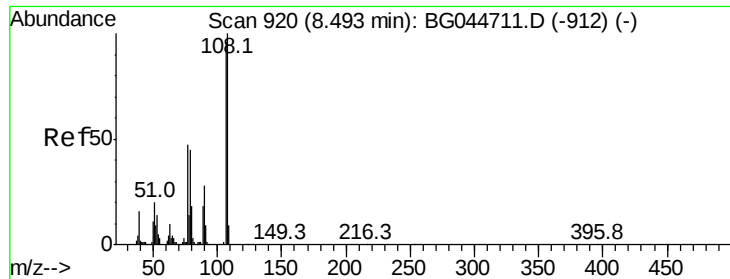
77 12.4 0.0 33.4

79 9.7 0.0 30.0



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

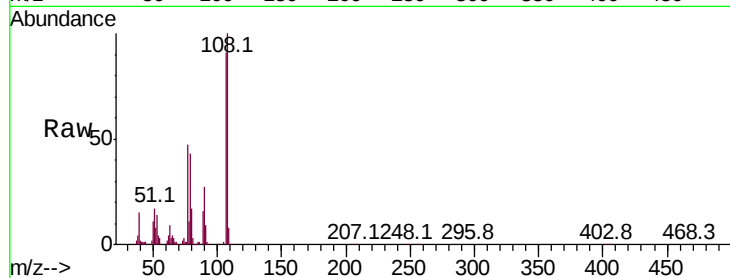




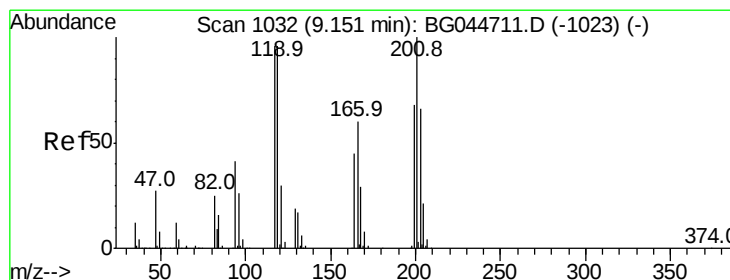
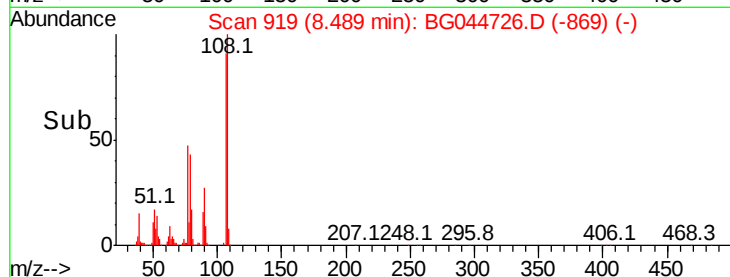
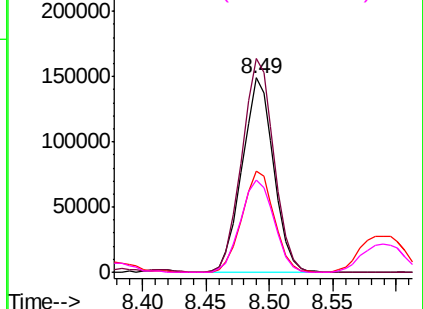
#17
2-Methylphenol
Concen: 38.604 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	256557
Ion	Ratio	Lower	Upper
107	100		
108	110.0	83.2	124.8
77	52.0	39.0	58.6
79	47.4	37.6	56.4

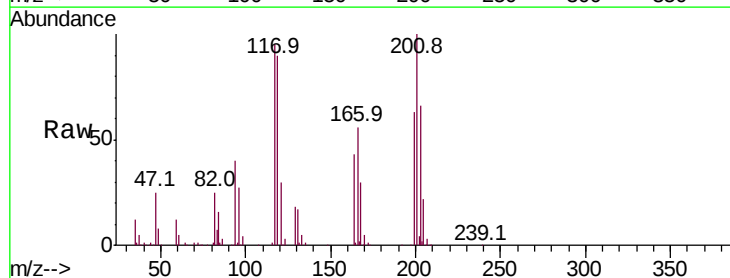


Abundance Ion 107.00 (106.70 to 107.70): E
250000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

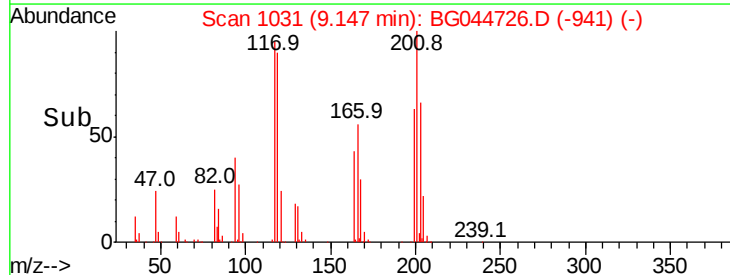
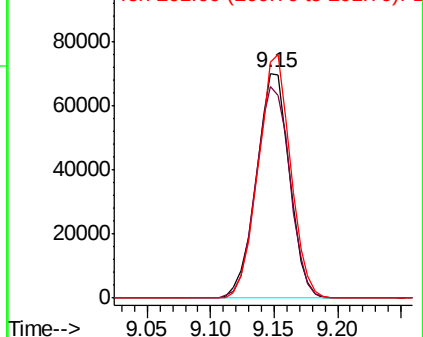


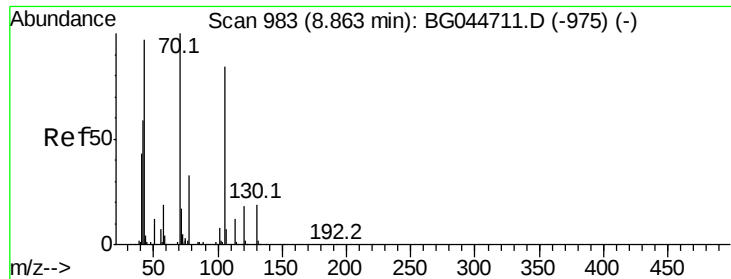
#18
Hexachloroethane
Concen: 39.232 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

Tgt Ion:	117	Resp:	128078
Ion	Ratio	Lower	Upper
117	100		
119	94.2	80.2	120.4
201	104.7	83.4	125.2



Abundance Ion 117.00 (116.70 to 117.70): E
100000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

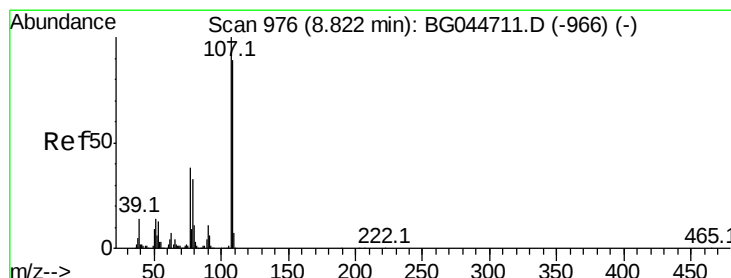
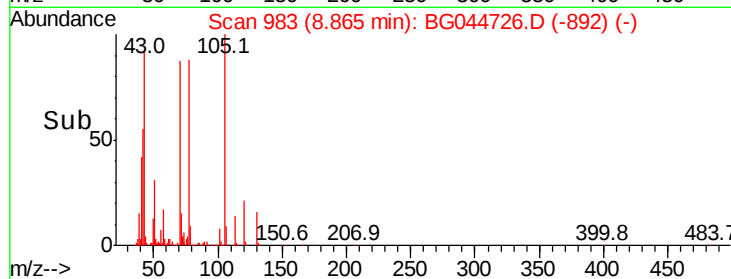
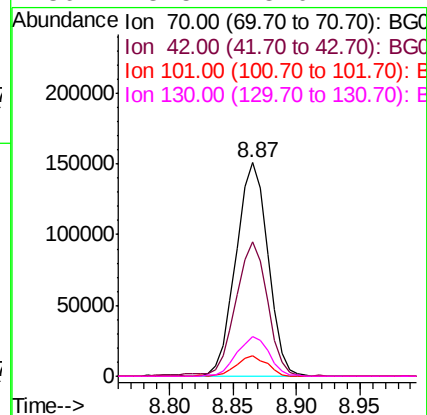
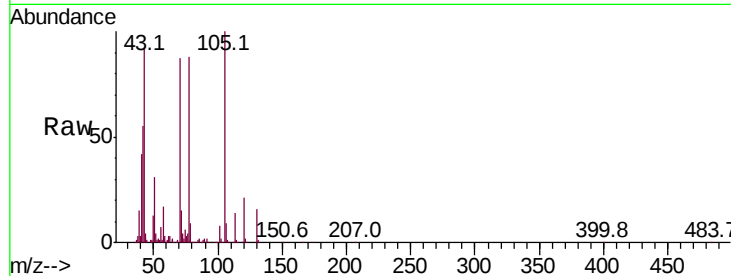




#19
n-Nitroso-di-n-propylamine
Concen: 37.728 ng
RT: 8.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

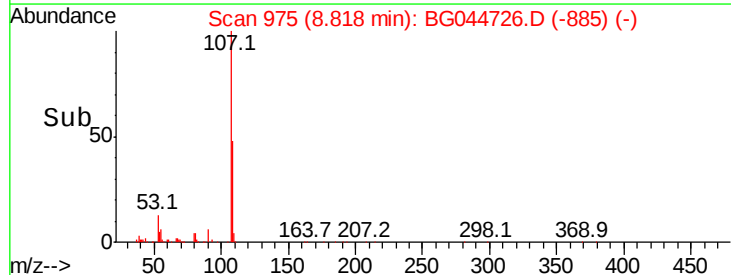
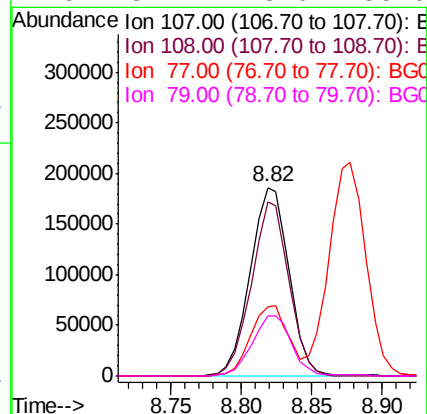
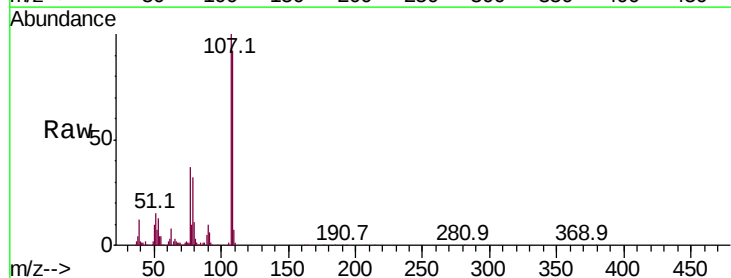
Instrument :
BNA_G
ClientSampleId :

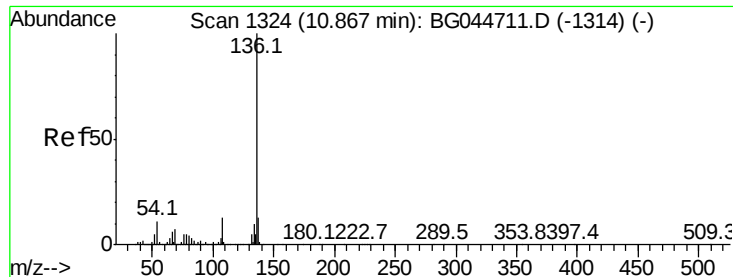
Tot Ion:	70	Resp:	264007
Ion	Ratio	Lower	Upper
70	100		
42	62.7	47.6	71.4
101	9.4	6.5	9.7
130	18.5	15.0	22.4



#20
3+4-Methylphenols
Concen: 39.107 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

Tgt Ion:	107	Resp:	358274
Ion	Ratio	Lower	Upper
107	100		
108	92.0	69.1	109.1
77	36.8	17.7	57.7
79	31.7	13.0	53.0

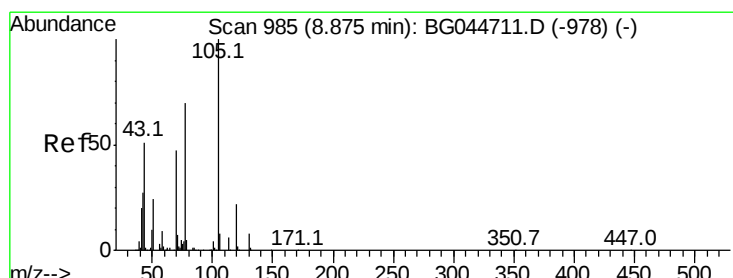
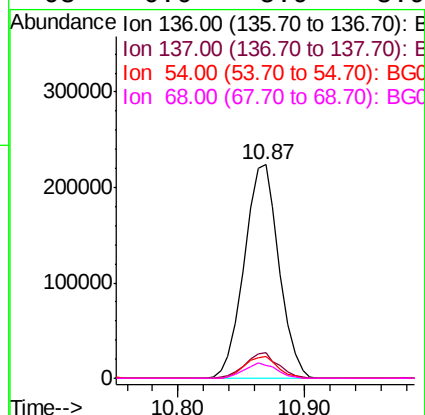
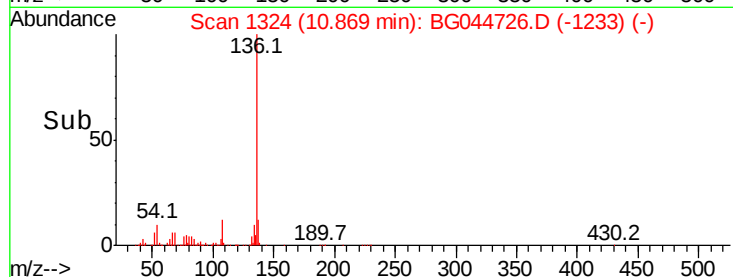
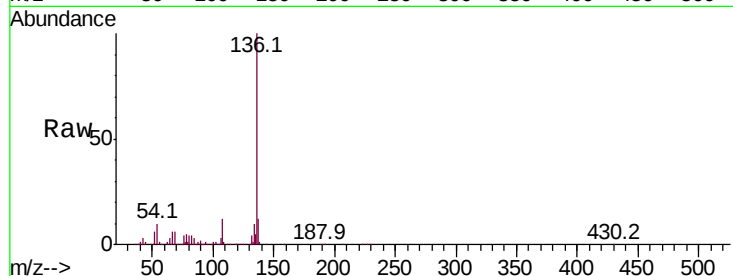




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

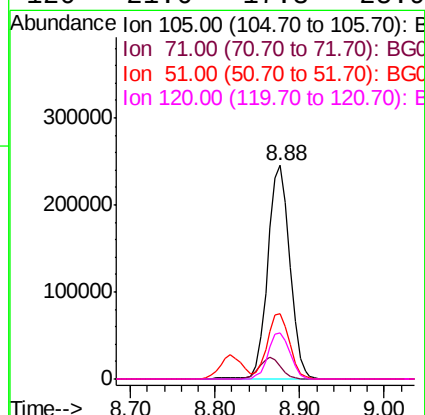
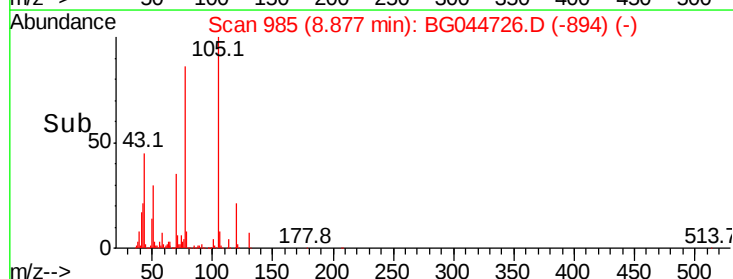
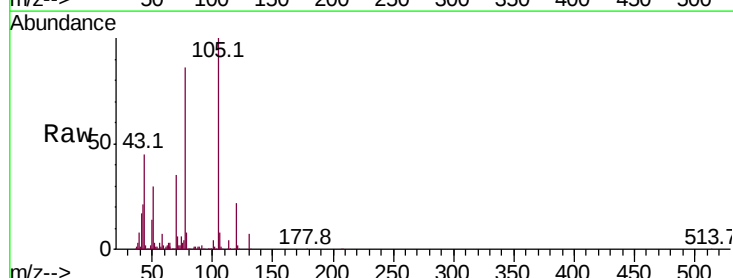
Instrument :
BNA_G
ClientSampleId :

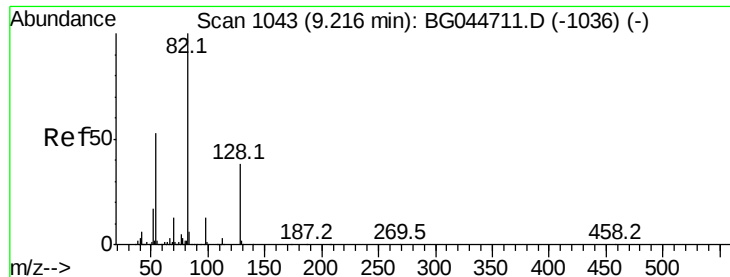
Tot Ion:136	Resp: 424832
Ion Ratio	Lower Upper
136 100	
137 12.2	10.7 16.1
54 10.1	9.0 13.4
68 6.0	5.9 8.9



#22
Acetophenone
Concen: 36.841 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

Tgt	Ion:105	Resp:	443402
Ion	Ratio	Lower	Upper
105	100		
71	5.8	5.8	8.8#
51	30.5	23.8	35.8
120	21.6	17.3	25.9

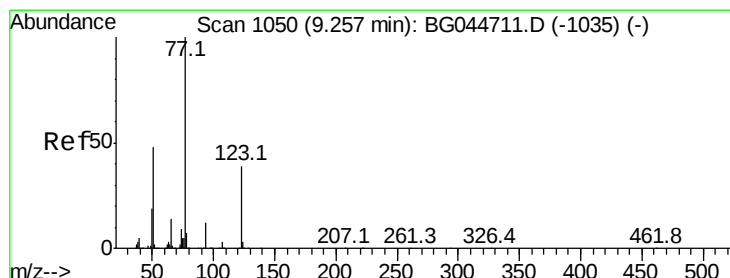
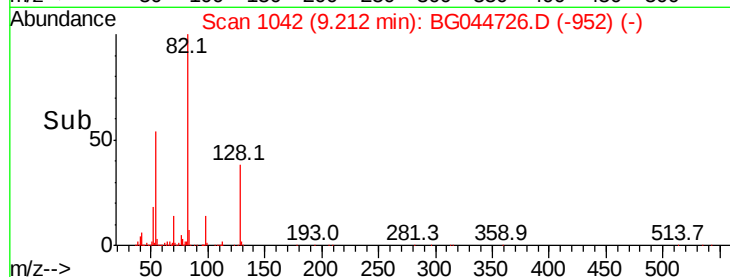
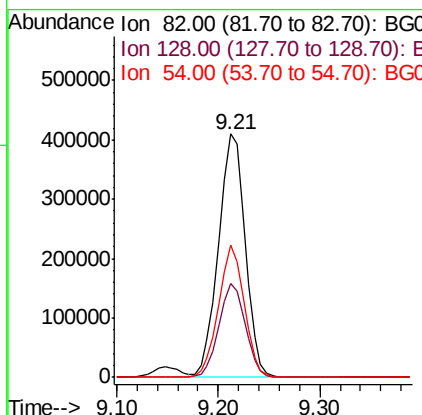
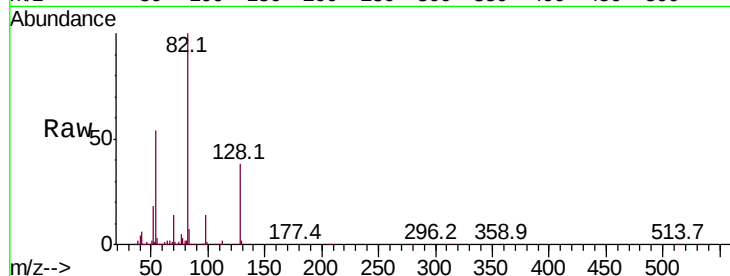




#23
 Nitrobenzene-d5
 Concen: 77.652 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG044726.D
 Acq: 11 Mar 2020 19:12

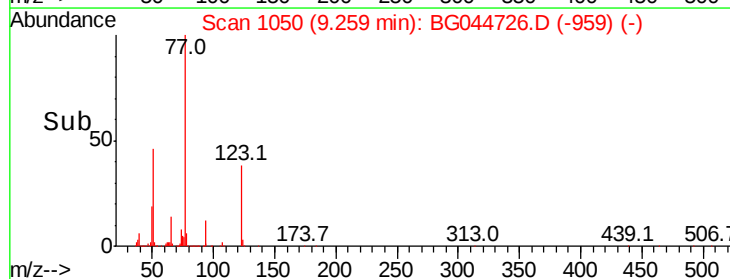
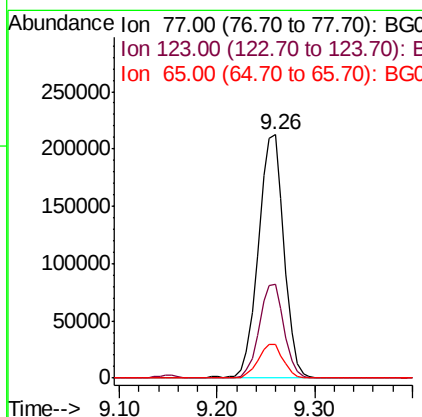
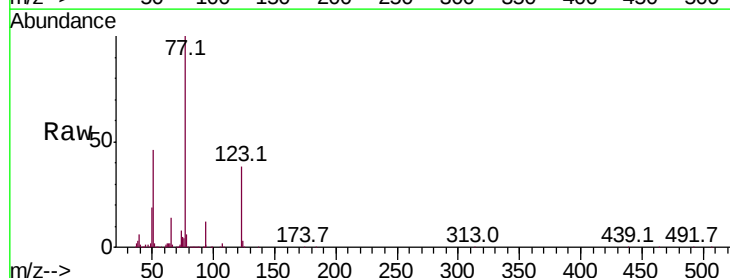
Instrument :
 BNA_G
 ClientSampleId :

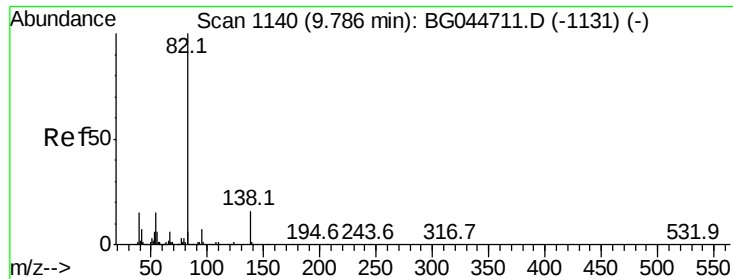
Tot Ion	82	Resp	751776
Ion Ratio	Lower	Upper	
82	100		
128	38.5	30.2	45.2
54	54.3	41.8	62.8



#24
 Nitrobenzene
 Concen: 38.846 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG044726.D
 Acq: 11 Mar 2020 19:12

Tgt Ion	77	Resp	390224
Ion Ratio	Lower	Upper	
77	100		
123	38.3	31.5	47.3
65	13.7	11.0	16.4

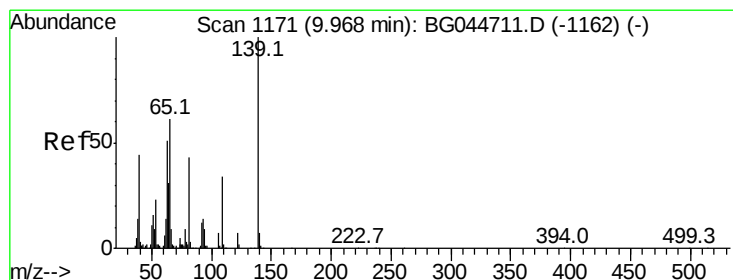
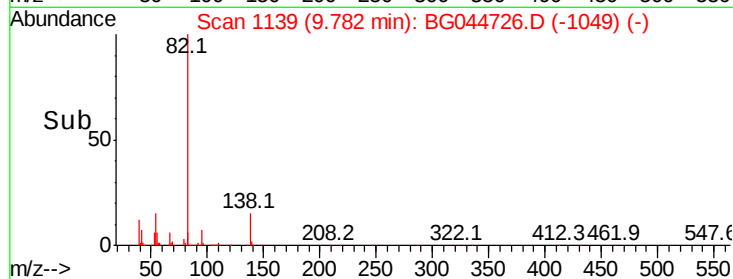
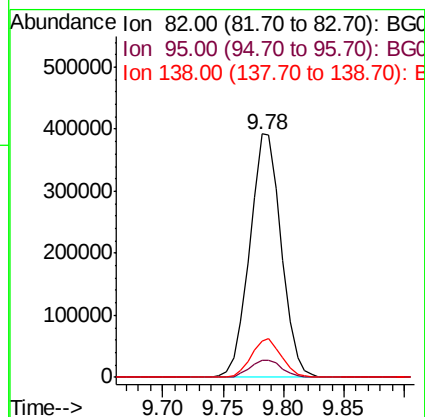
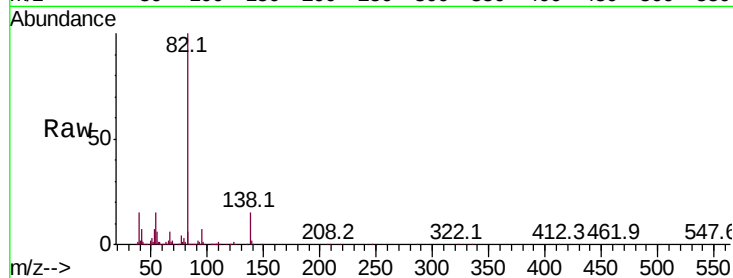




#25
Isophorone
Concen: 37.722 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

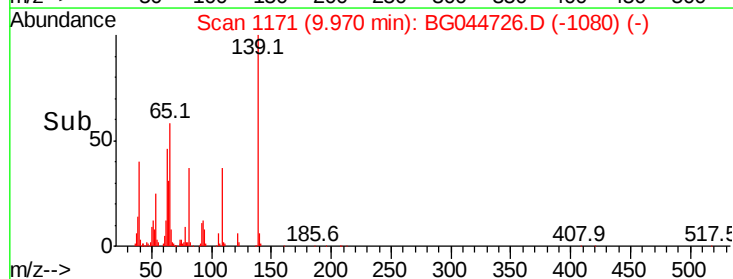
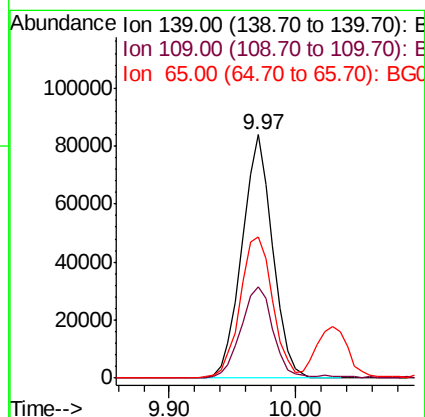
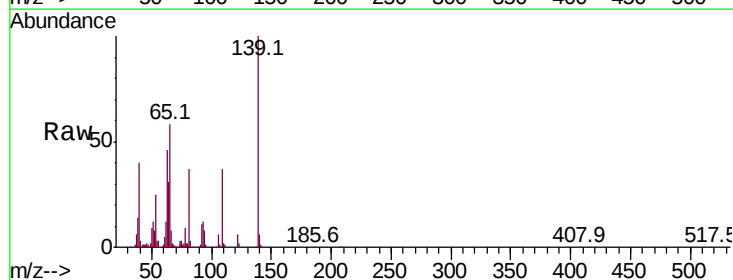
Instrument :
BNA_G
ClientSampleId :

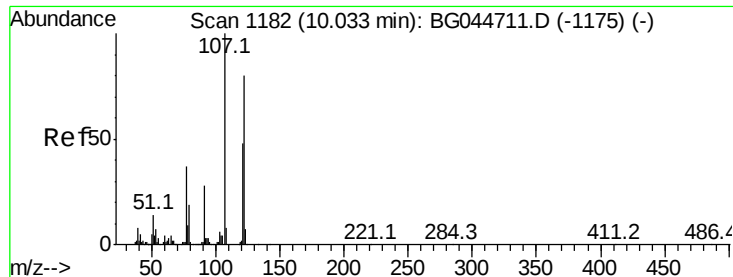
Tot Ion: 82 Resp: 712754
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 14.7 13.0 19.4



#26
2-Nitrophenol
Concen: 41.102 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

Tgt Ion: 139 Resp: 140218
Ion Ratio Lower Upper
139 100
109 37.4 27.0 40.4
65 58.1 48.6 73.0





#27

2,4-Dimethylphenol

Concen: 38.310 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampleId :

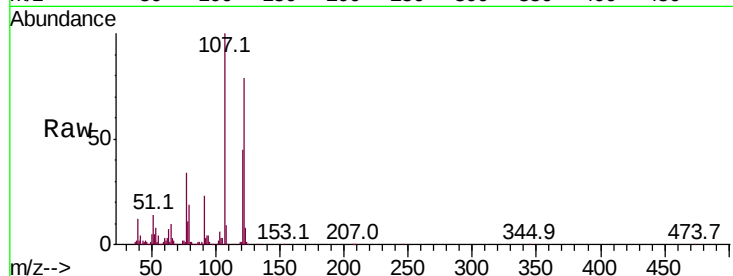
Tot Ion:122 Resp: 235735

Ion Ratio Lower Upper

122 100

107 127.0 99.0 148.6

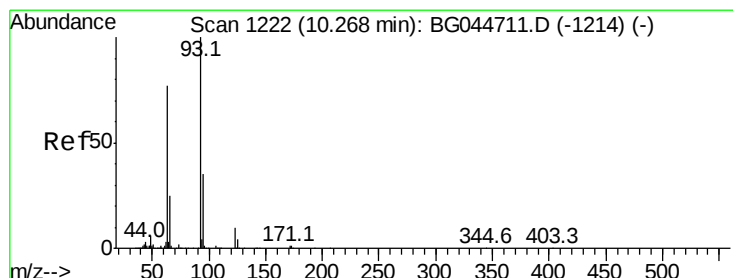
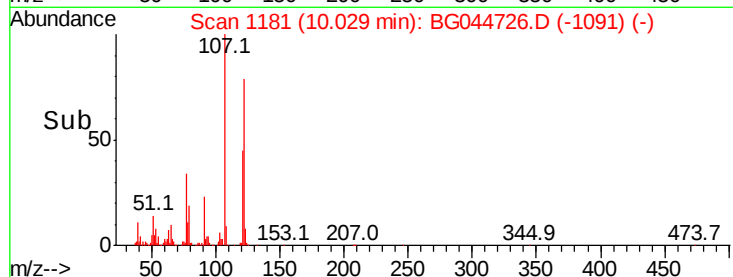
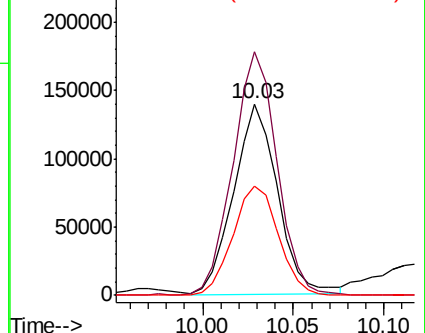
121 57.2 47.6 71.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.761 ng

RT: 10.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

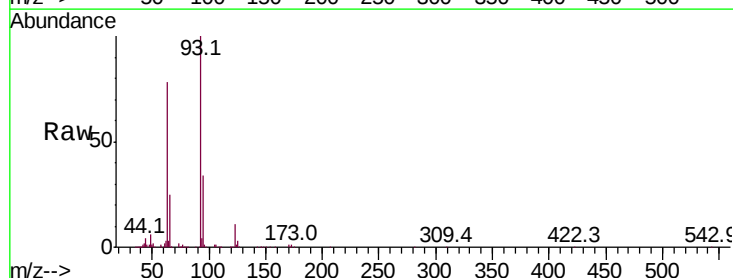
Tgt Ion: 93 Resp: 425808

Ion Ratio Lower Upper

93 100

95 33.7 27.7 41.5

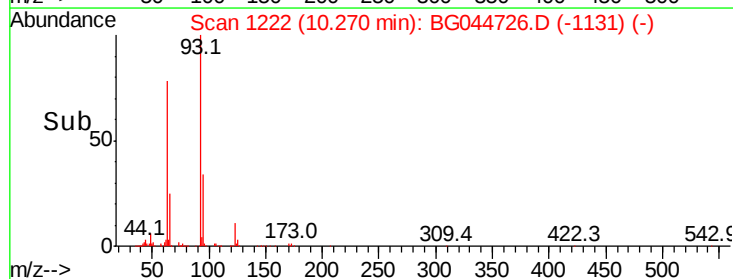
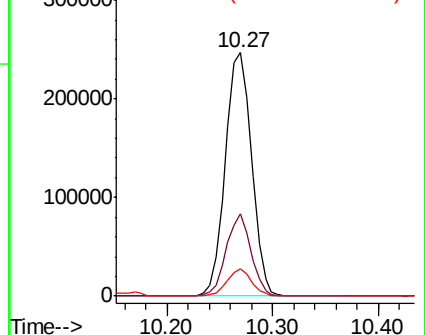
123 11.4 8.1 12.1

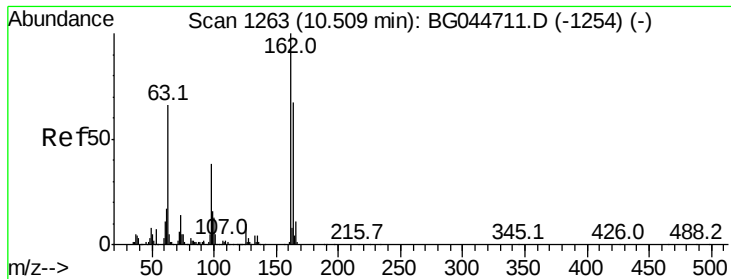


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.291 ng

RT: 10.50 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampleId :

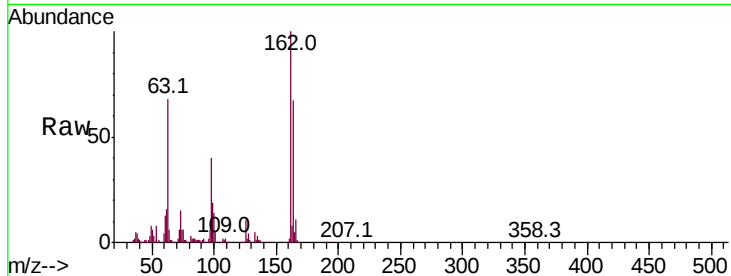
Tot Ion:162 Resp: 282389

Ion Ratio Lower Upper

162 100

164 67.4 46.5 86.5

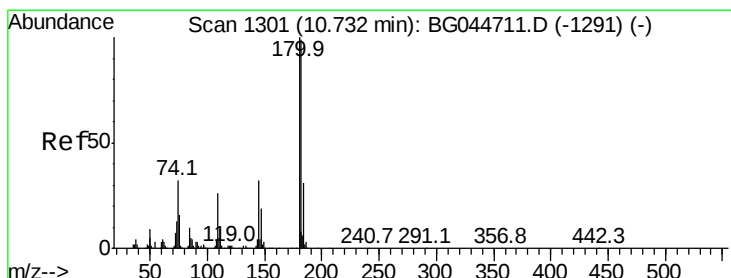
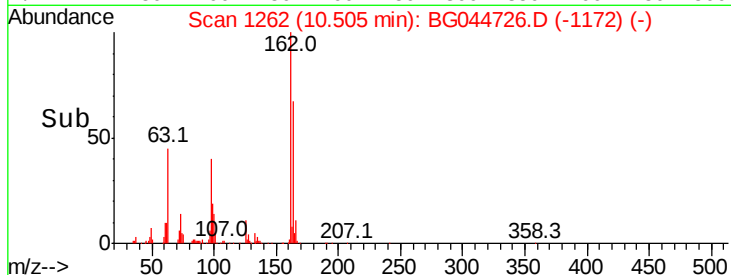
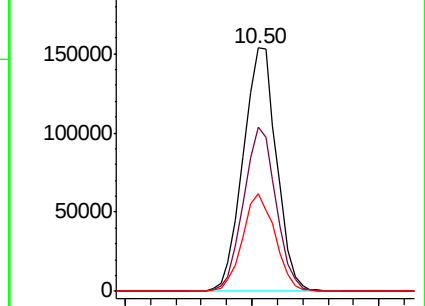
98 39.9 18.1 58.1



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: 38.591 ng

RT: 10.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

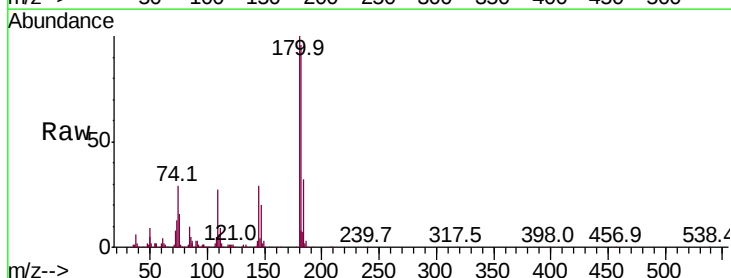
Tgt Ion:180 Resp: 331642

Ion Ratio Lower Upper

180 100

182 95.7 78.8 118.2

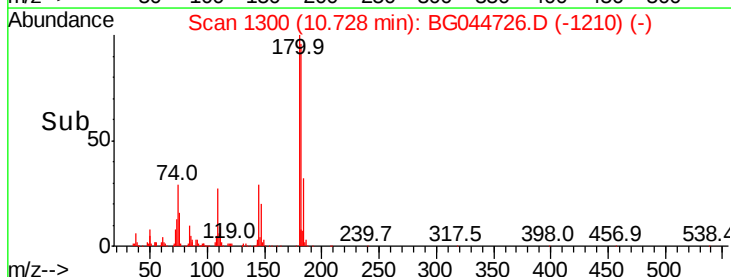
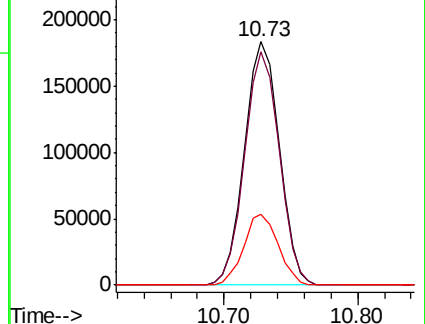
145 29.0 25.4 38.0

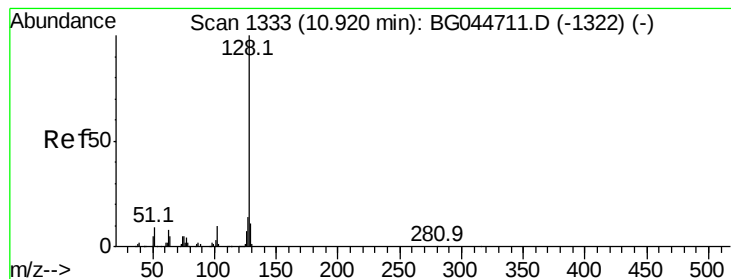


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.082 ng

RT: 10.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampleId :

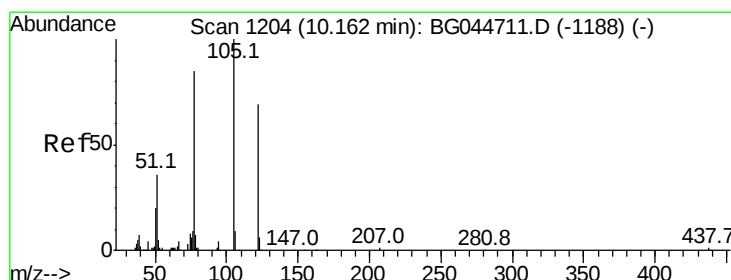
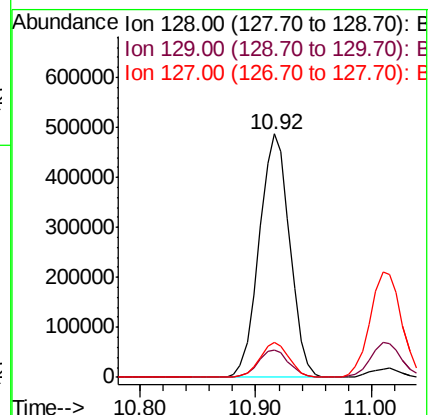
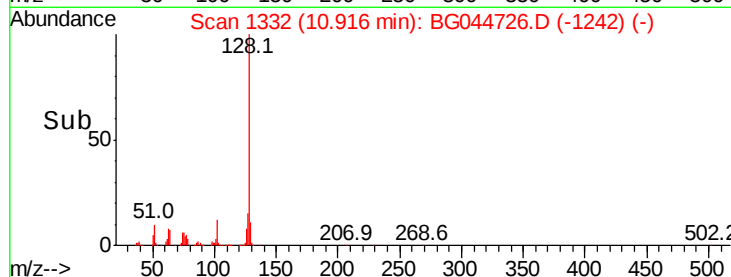
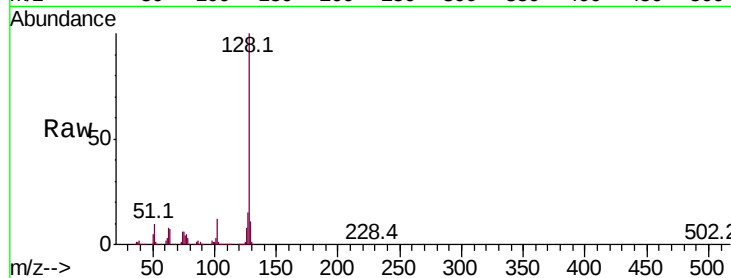
Tot Ion:128 Resp: 896206

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

127 14.6 11.0 16.6



#32

Benzoic acid

Concen: 37.875 ng

RT: 10.16 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

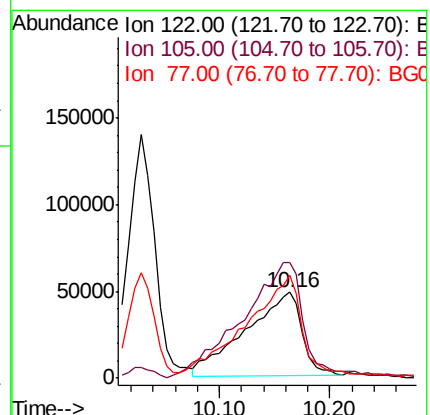
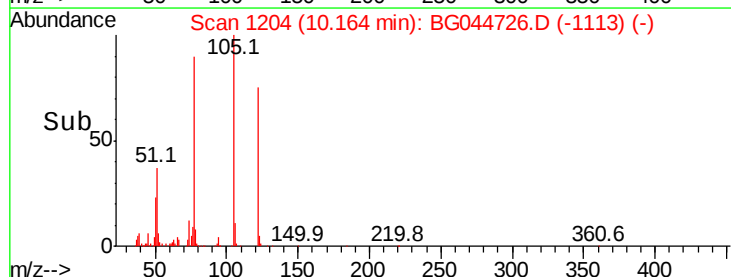
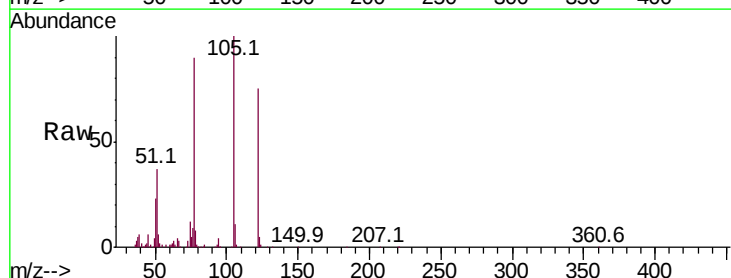
Tgt Ion:122 Resp: 169314

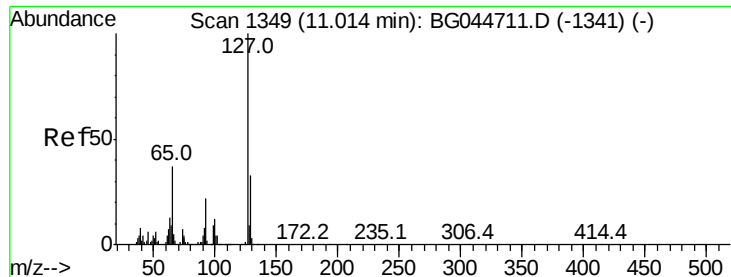
Ion Ratio Lower Upper

122 100

105 134.1 119.0 159.0

77 120.3 96.4 136.4

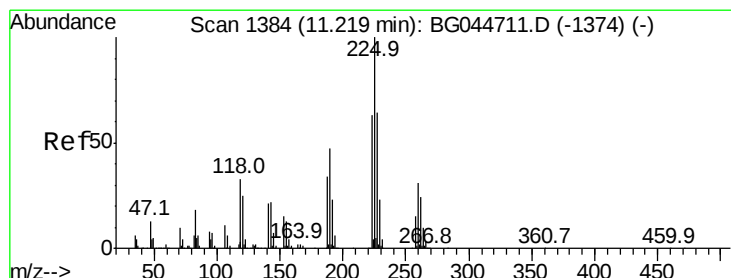
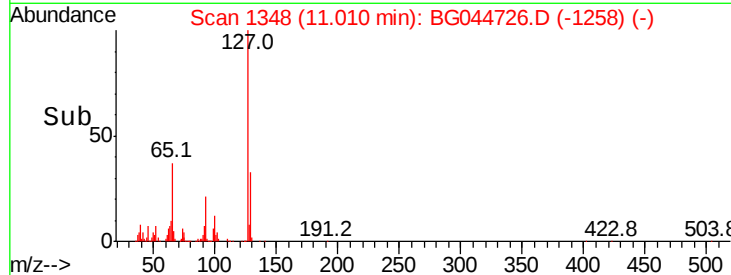
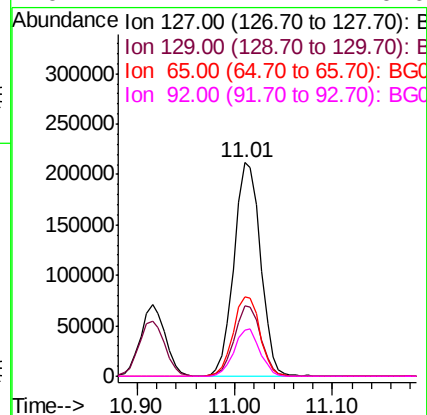
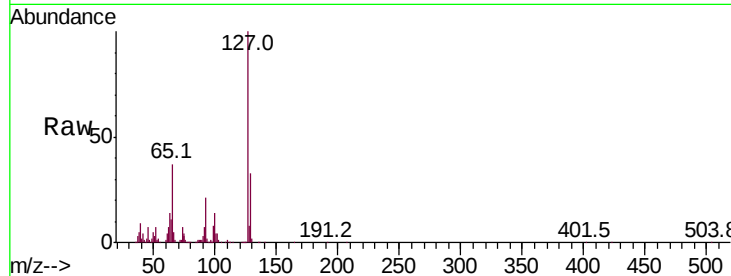




#33
4-Chloroaniline
Concen: 37.815 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

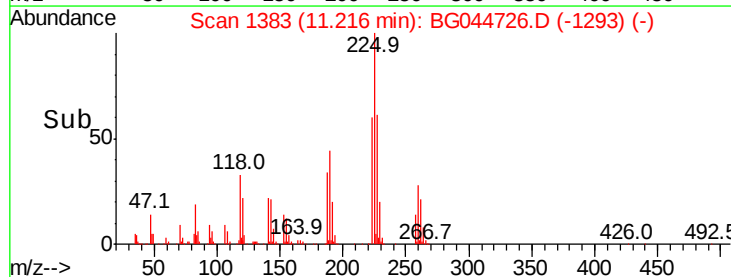
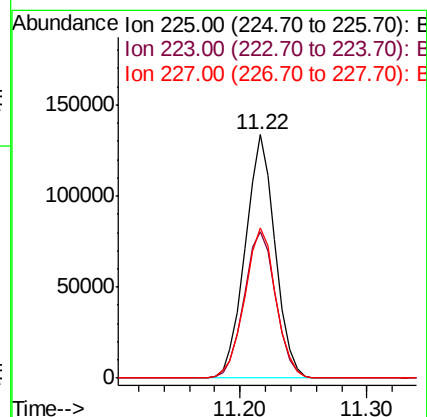
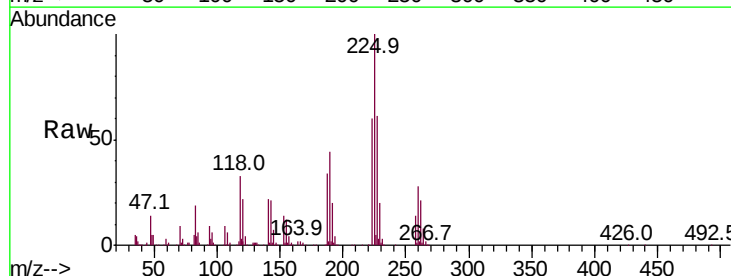
Instrument :
BNA_G
ClientSampleId :

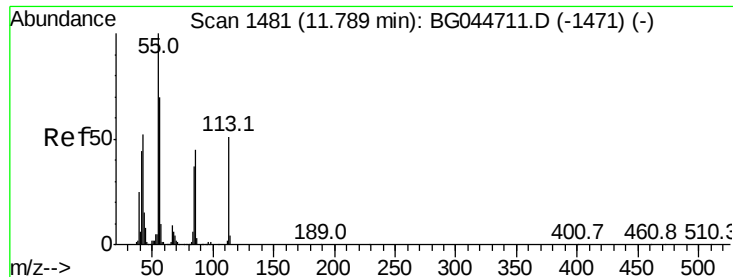
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	37.3	29.6	44.4
92	21.4	17.4	26.0



#34
Hexachlorobutadiene
Concen: 38.525 ng
RT: 11.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.0	50.6	76.0
227	61.5	51.6	77.4

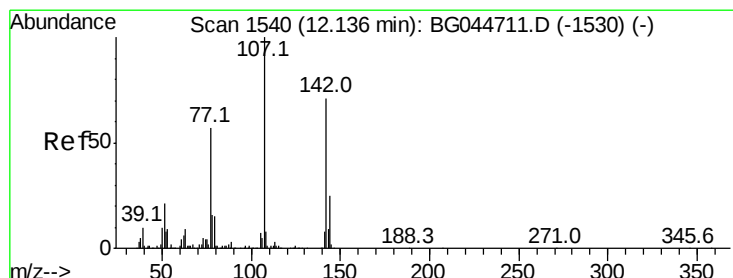
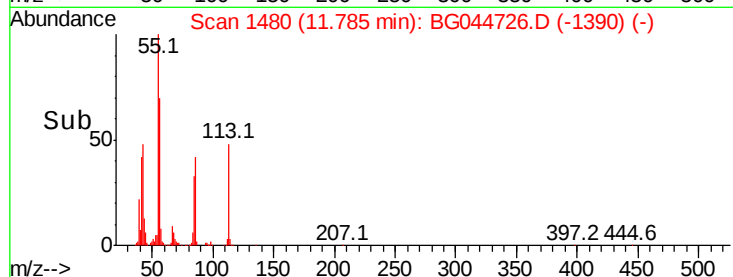
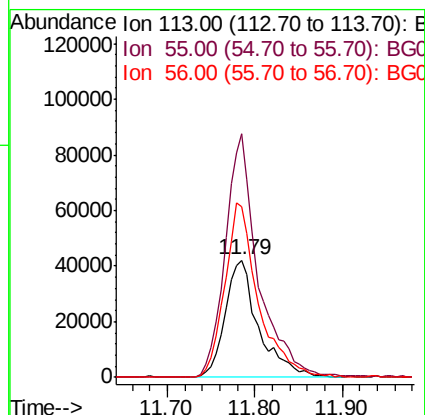
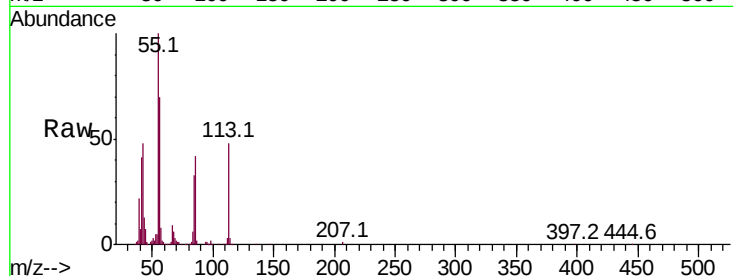




#35
 Caprolactam
 Concen: 40.552 ng
 RT: 11.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BG044726.D
 Acq: 11 Mar 2020 19:12

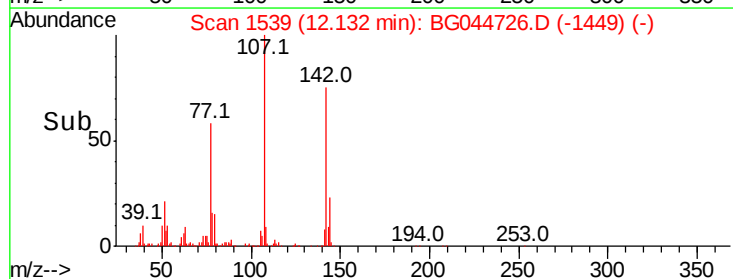
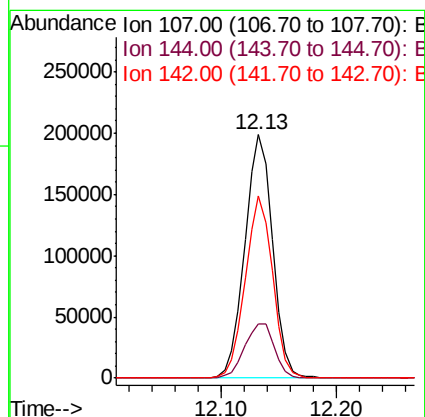
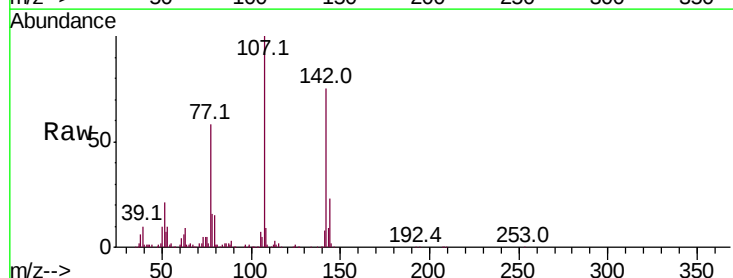
Instrument :
 BNA_G
 ClientSampled :

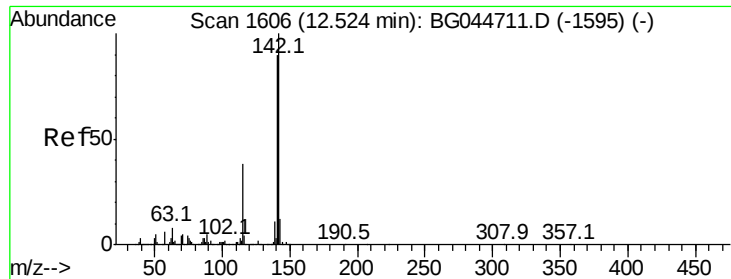
Tot Ion	Ratio	Lower	Upper
113	100		
55	207.7	178.4	218.4
56	145.5	117.7	157.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.691 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BG044726.D
 Acq: 11 Mar 2020 19:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.5	19.6	29.4
142	74.8	56.5	84.7

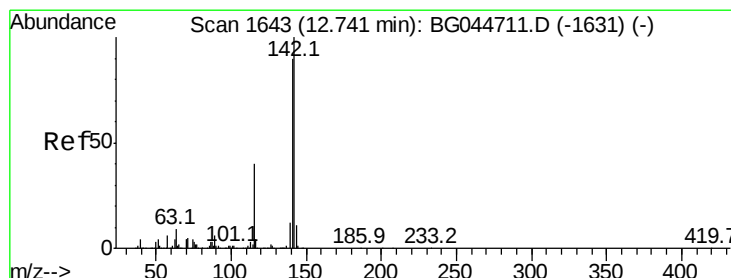
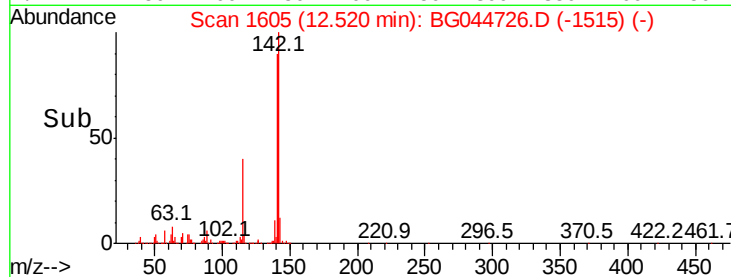
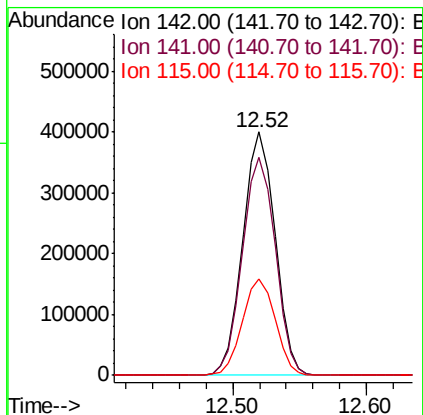
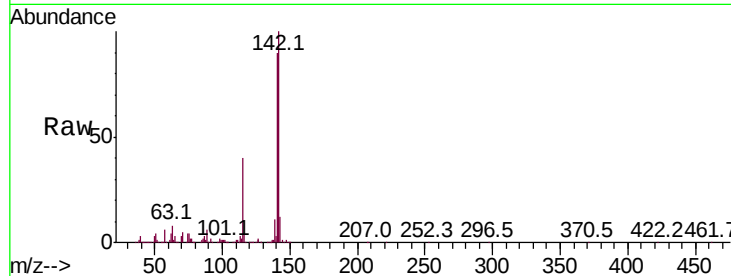




#37
 2-Methylnaphthalene
 Concen: 37.972 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BG044726.D
 Acq: 11 Mar 2020 19:12

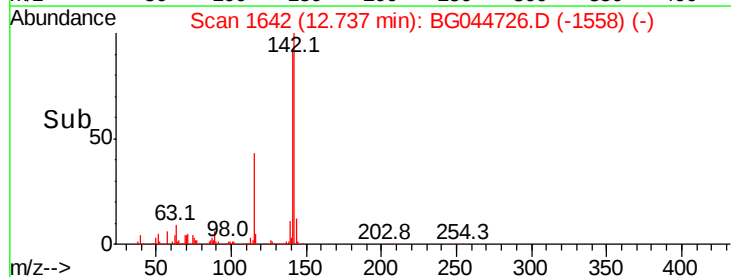
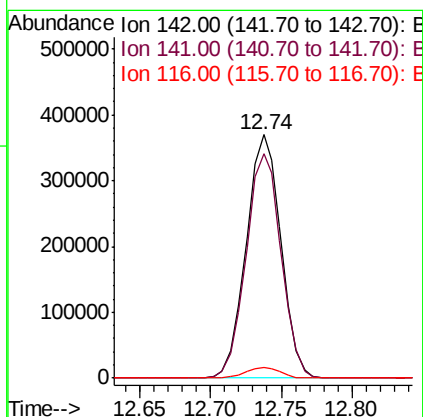
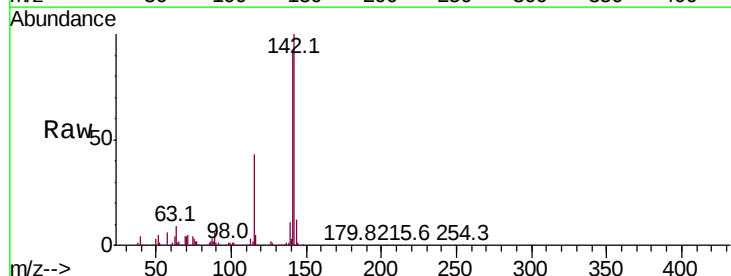
Instrument :
 BNA_G
 ClientSampled :

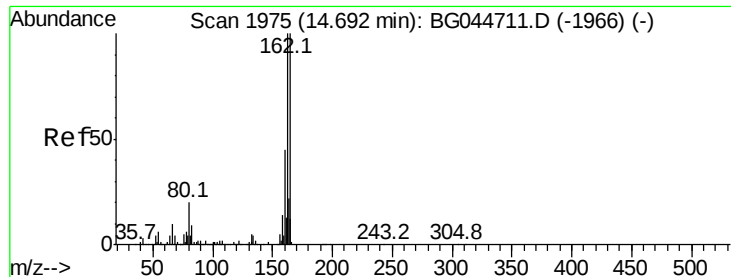
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.3	108.5
115	39.7	30.6	45.8



#38
 1-Methylnaphthalene
 Concen: 38.346 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG044726.D
 Acq: 11 Mar 2020 19:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.2	108.2
116	4.6	3.5	5.3

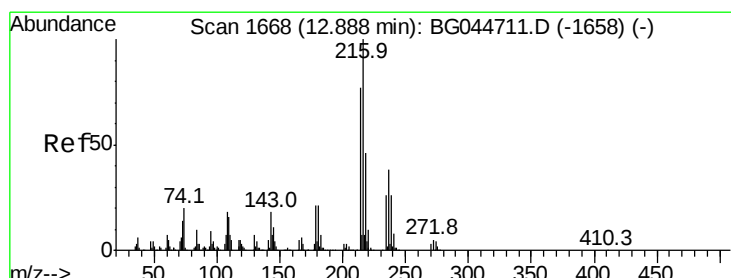
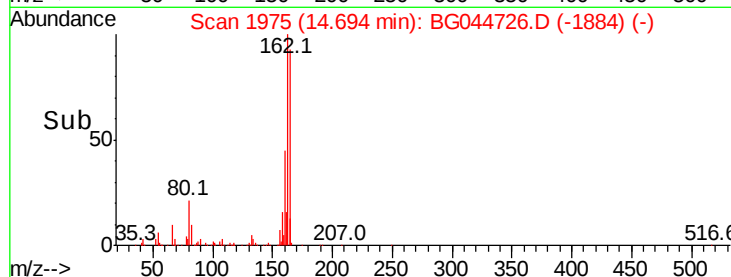
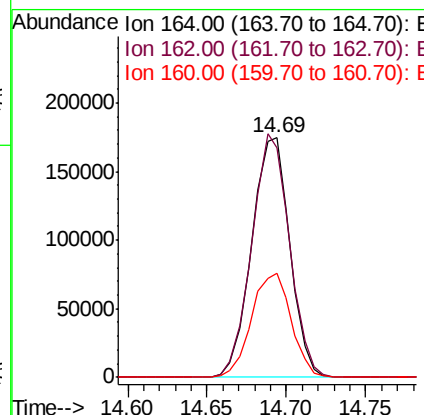
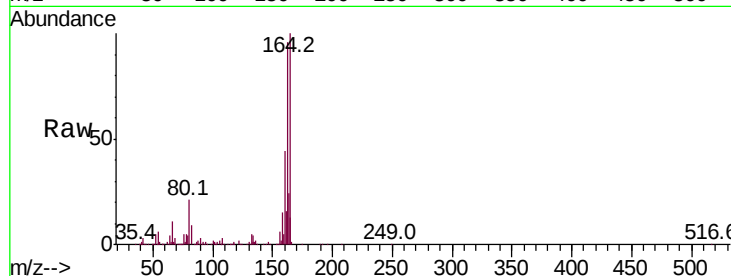




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

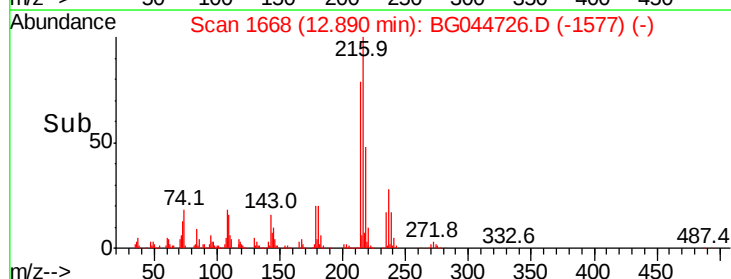
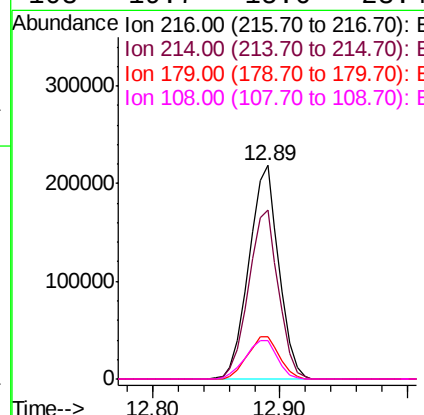
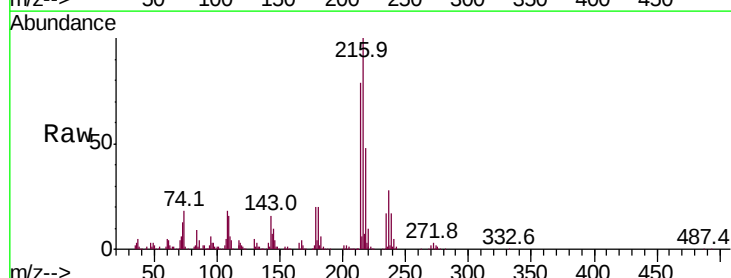
Instrument :
BNA_G
ClientSampleId :

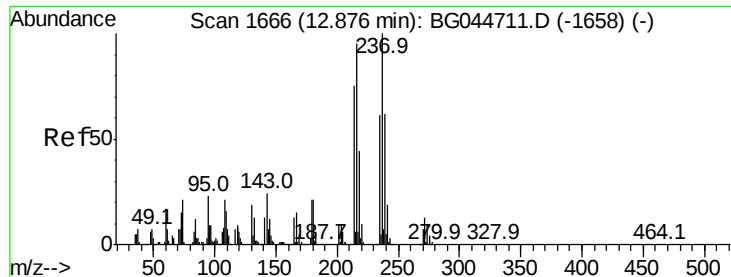
Tot Ion	Ratio	Lower	Upper
164	100		
162	96.0	80.2	120.4
160	43.6	36.2	54.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.115 ng
RT: 12.89 min Scan# 1668
Delta R.T. 0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	21.1	16.6	24.8
108	19.7	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 39.513 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampleId :

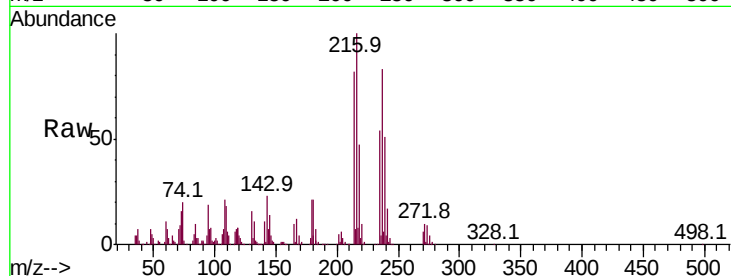
Tot Ion:237 Resp: 207684

Ion Ratio Lower Upper

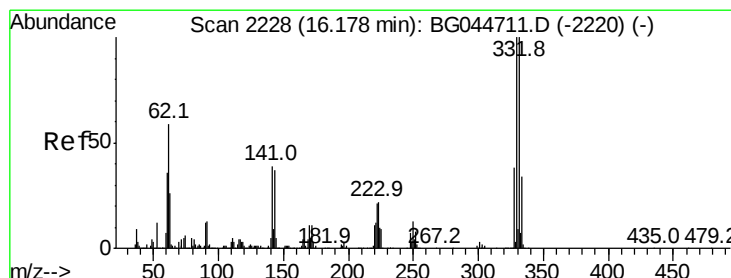
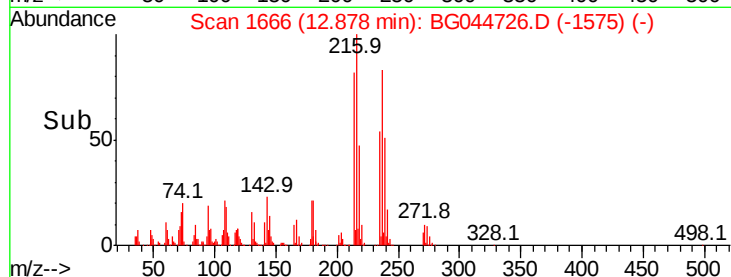
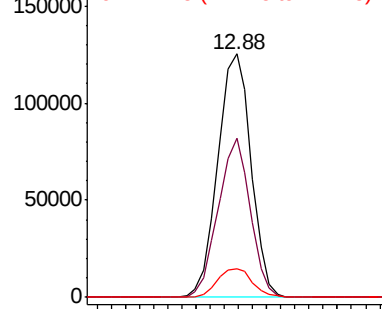
237 100

235 65.4 40.6 80.6

272 11.8 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: 80.882 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

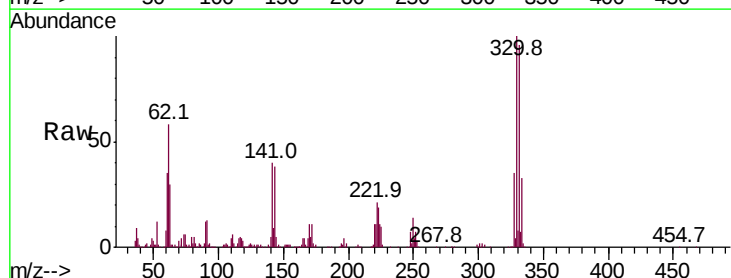
Tgt Ion:330 Resp: 309273

Ion Ratio Lower Upper

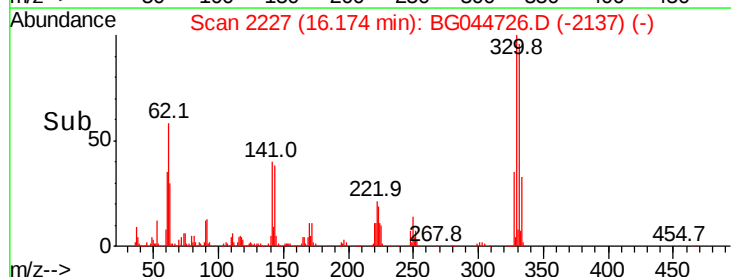
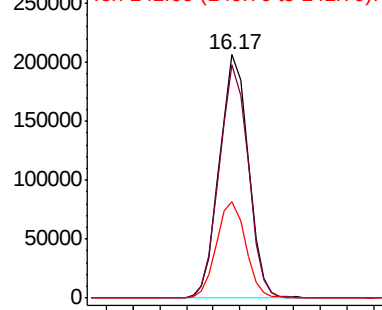
330 100

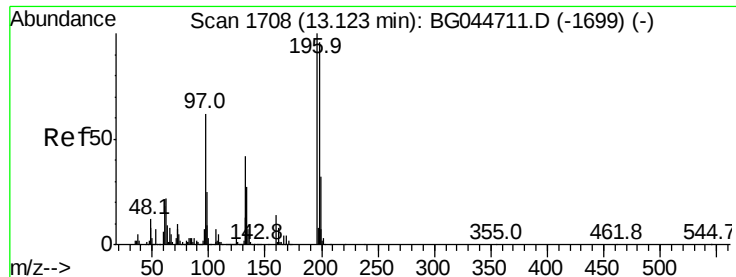
332 96.0 77.5 116.3

141 40.0 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

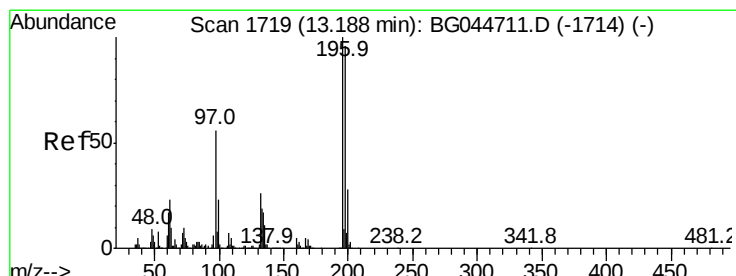
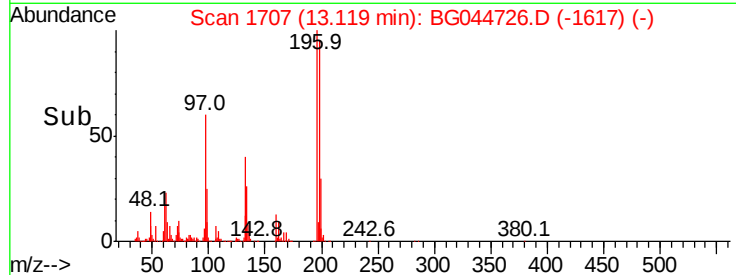
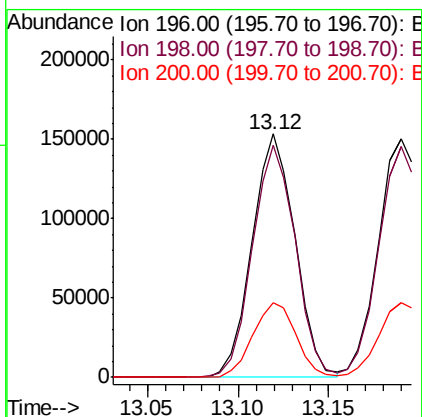
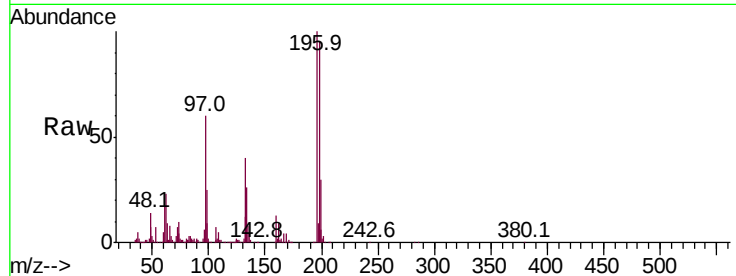




#43
 2,4,6-Trichlorophenol
 Concen: 39.435 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG044726.D
 Acq: 11 Mar 2020 19:12

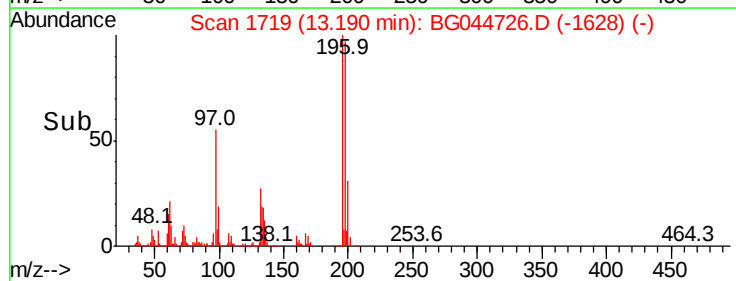
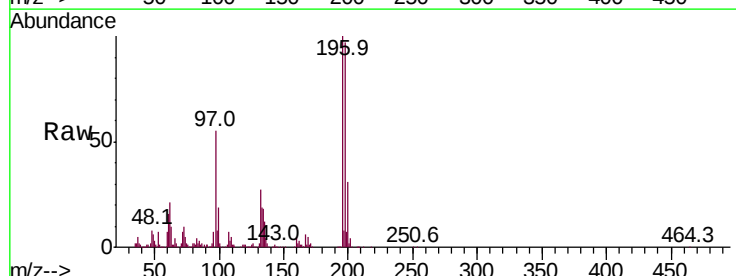
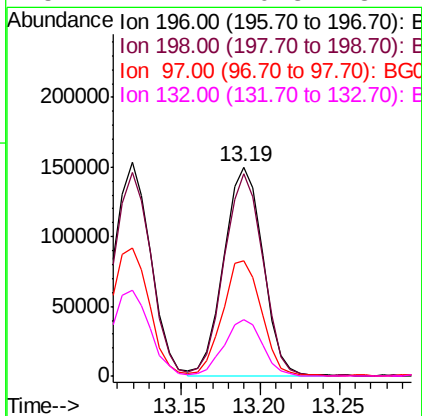
Instrument :
 BNA_G
 ClientSampleId :

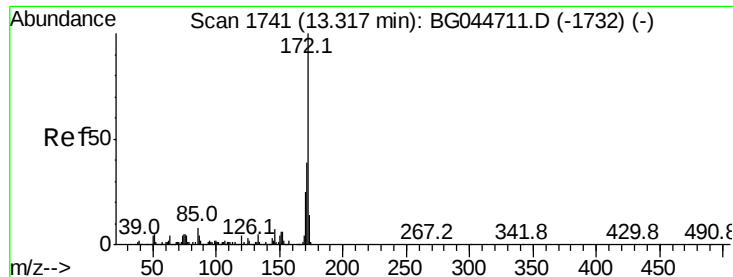
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.5	114.7
200	30.5	25.9	38.9



#44
 2,4,5-Trichlorophenol
 Concen: 38.571 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044726.D
 Acq: 11 Mar 2020 19:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	77.3	115.9
97	55.4	44.9	67.3
132	27.1	20.8	31.2





#45

2-Fluorobiphenyl

Concen: 75.403 ng

RT: 13.32 min Scan# 1741

Delta R.T. 0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

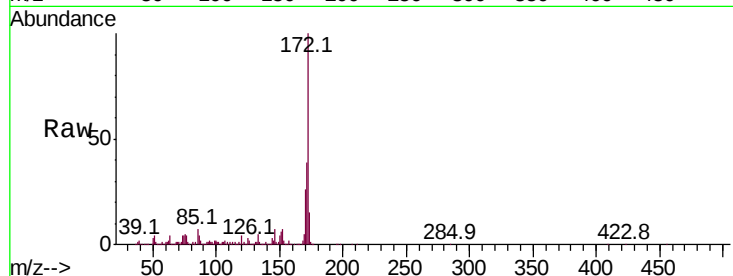
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 1537693

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.8	46.2
170	26.1	20.0	30.0

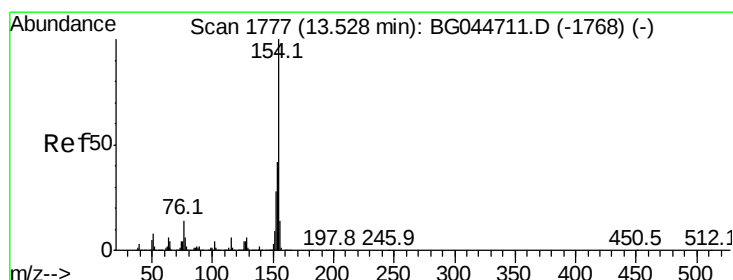
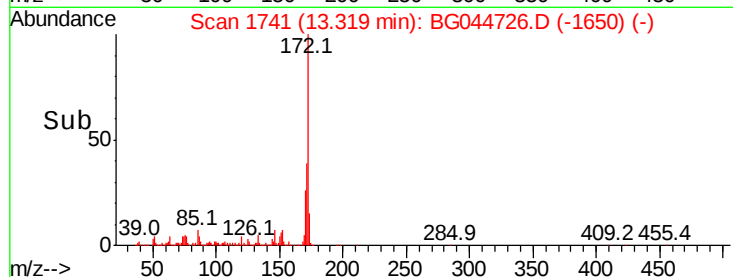
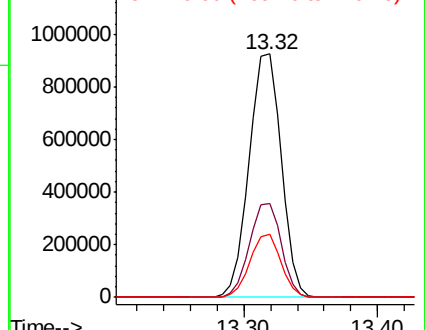


Abundance

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: 37.901 ng

RT: 13.52 min Scan# 1776

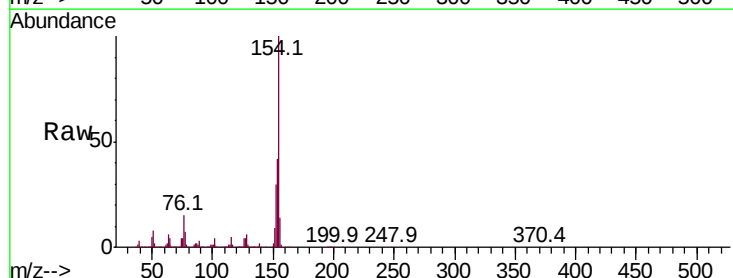
Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Tgt Ion:154 Resp: 884515

Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.0	62.0
76	15.2	0.0	34.2

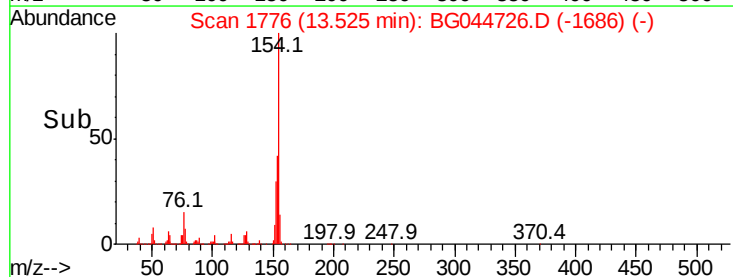
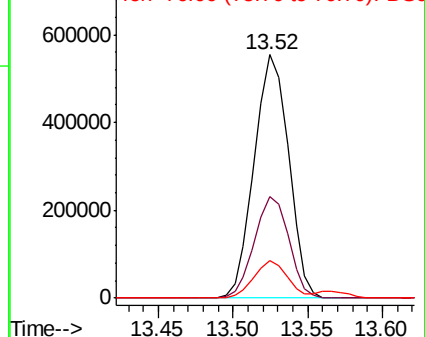


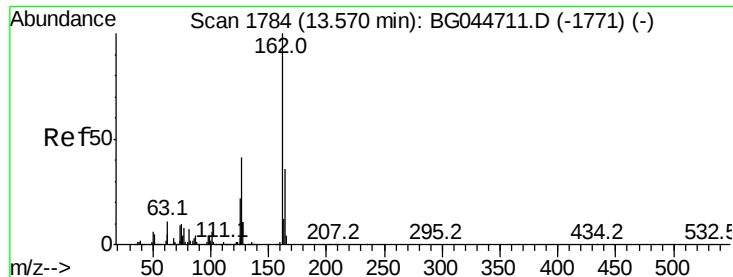
Abundance

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): BGC

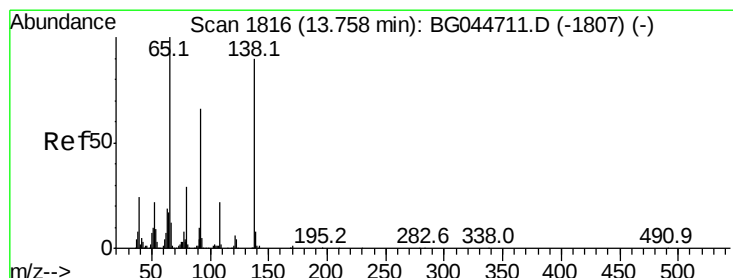
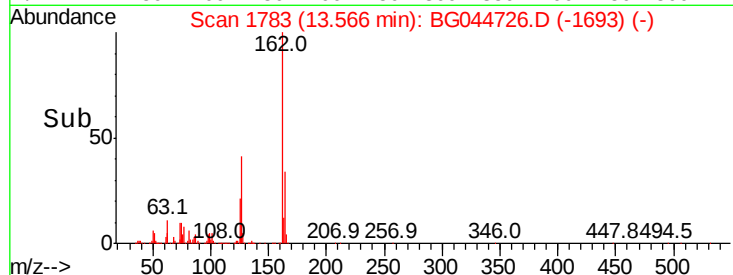
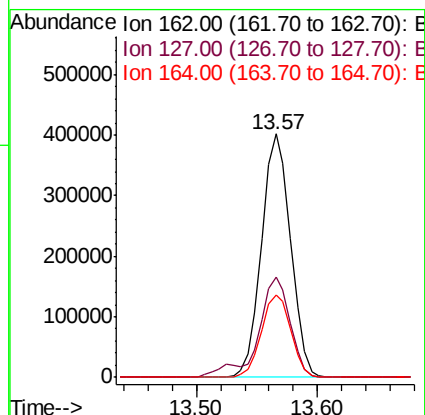
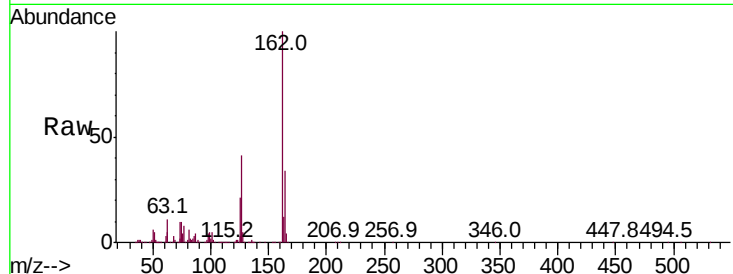




#47
2-Chloronaphthalene
Concen: 37.449 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

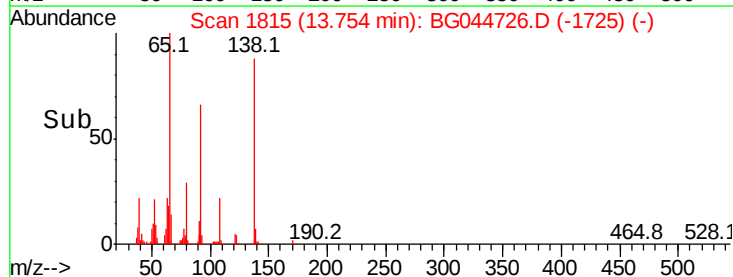
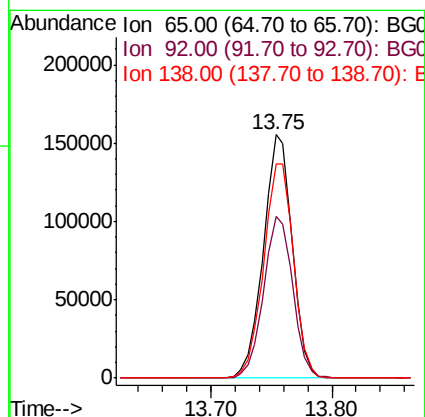
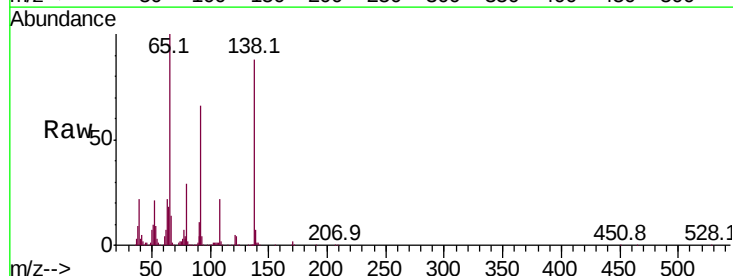
Instrument :
BNA_G
ClientSampleId :

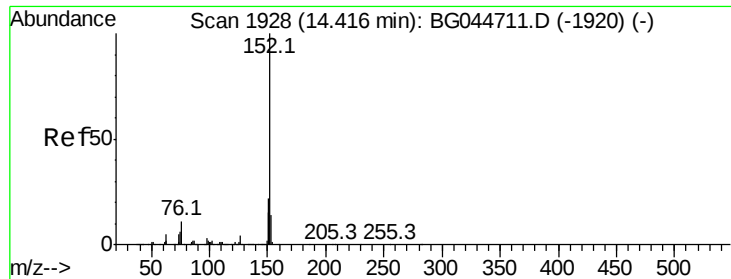
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.6	48.8
164	34.0	29.0	43.4



#48
2-Nitroaniline
Concen: 40.976 ng
RT: 13.75 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	52.6	79.0
138	87.9	71.8	107.6





#49

Acenaphthylene

Concen: 37.742 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampleId :

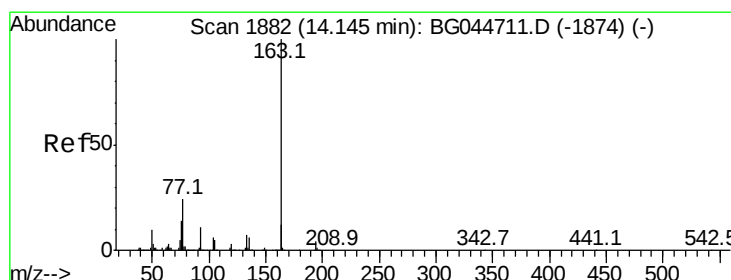
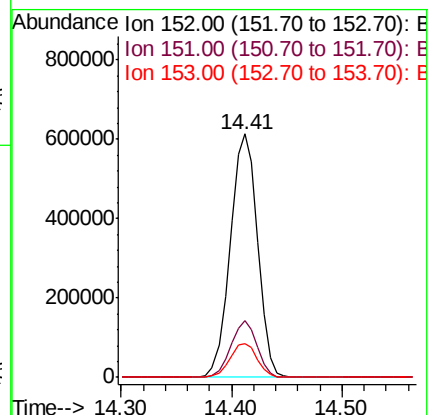
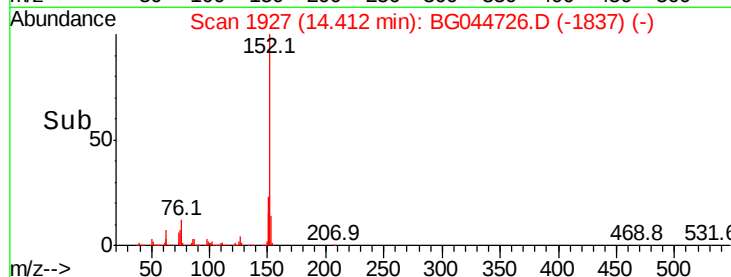
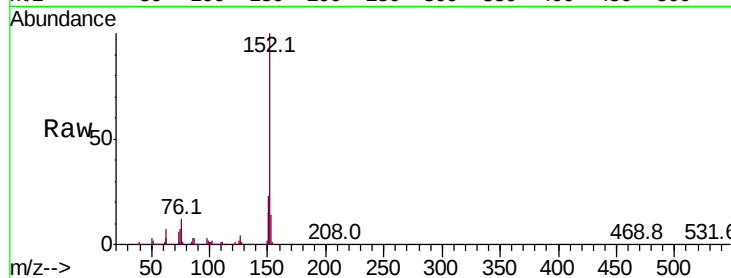
Tot Ion:152 Resp: 1054108

Ion Ratio Lower Upper

152 100

151 23.1 17.8 26.8

153 14.0 11.4 17.0



#50

Dimethylphthalate

Concen: 38.483 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

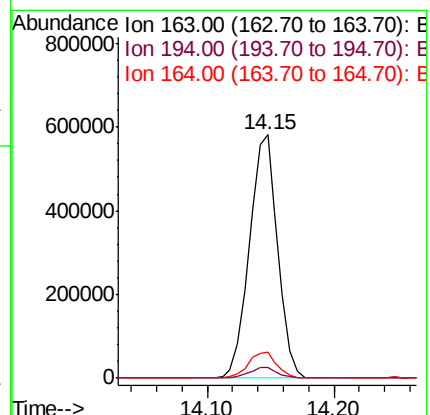
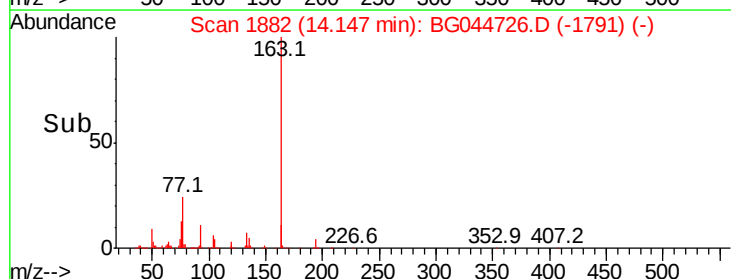
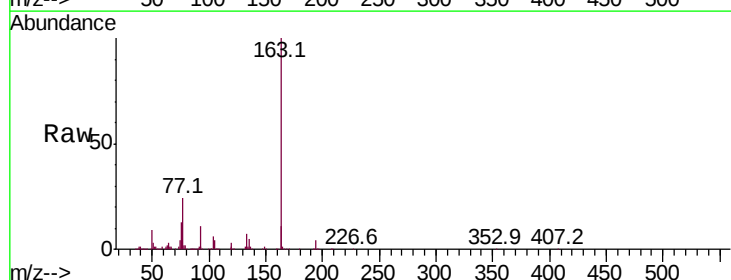
Tgt Ion:163 Resp: 895082

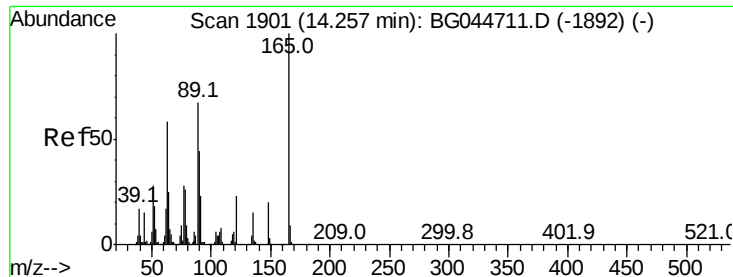
Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

164 10.8 9.2 13.8





#51

2,6-Dinitrotoluene

Concen: 40.890 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampleId :

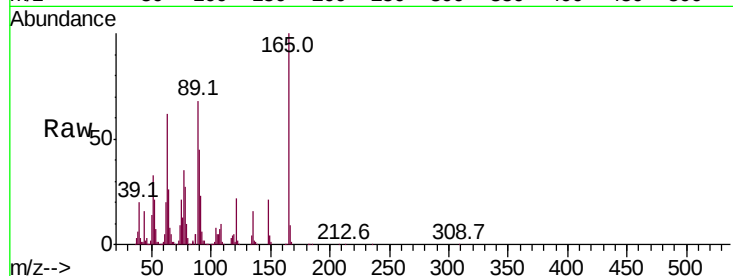
Tot Ion:165 Resp: 191705

Ion Ratio Lower Upper

165 100

63 62.0 48.9 73.3

89 68.3 53.8 80.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

150000

100000

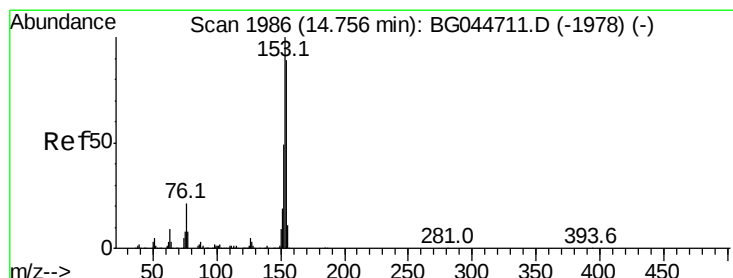
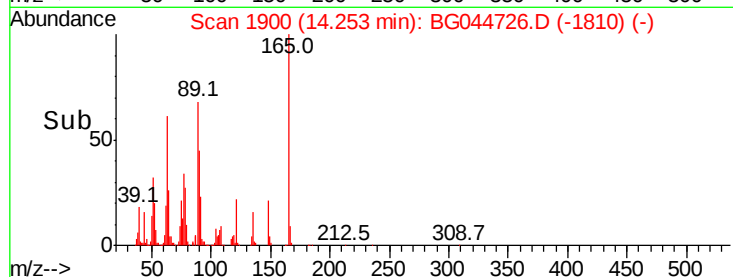
50000

0

14.25

14.20 14.25 14.30

Time-->



#52

Acenaphthene

Concen: 38.676 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

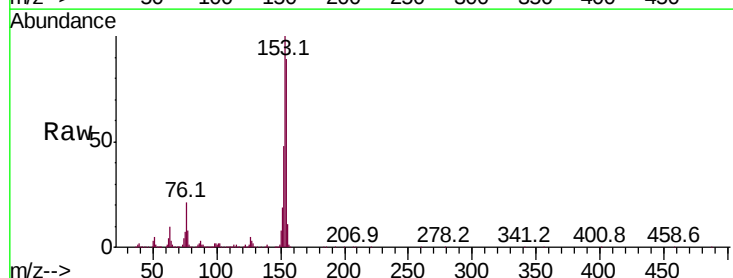
Tgt Ion:154 Resp: 707439

Ion Ratio Lower Upper

154 100

153 112.4 89.8 134.8

152 53.5 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

600000

500000

400000

300000

200000

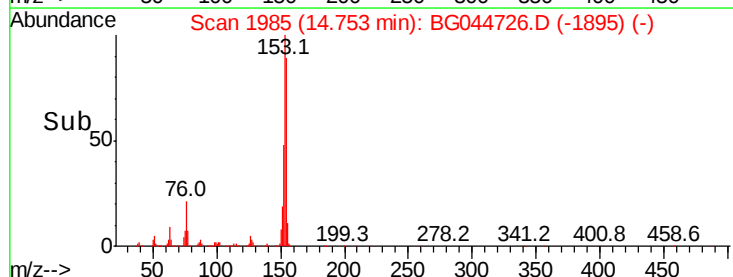
100000

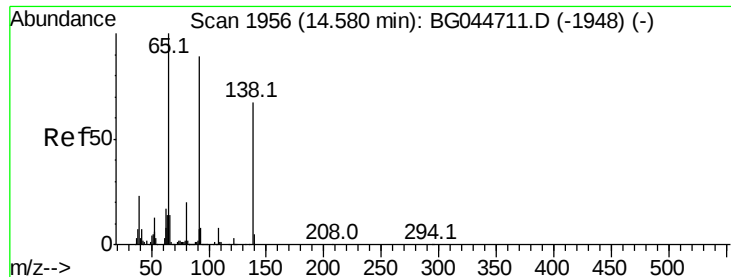
0

14.75

14.70 14.75 14.80

Time-->





#53

3-Nitroaniline

Concen: 40.076 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampleId :

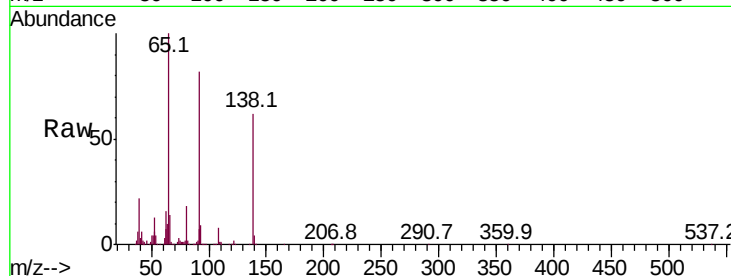
Tot Ion:138 Resp: 216016

Ion Ratio Lower Upper

138 100

108 13.7 9.2 13.8

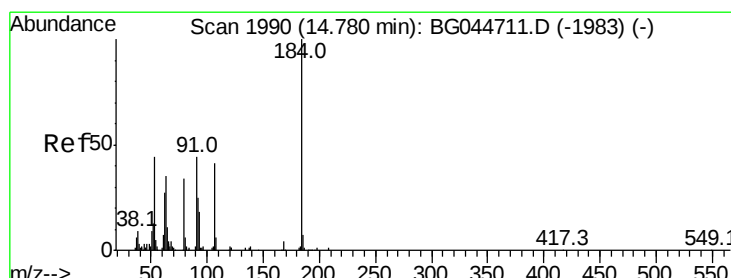
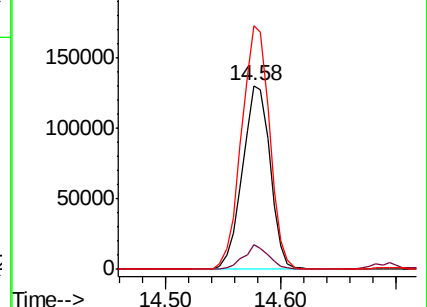
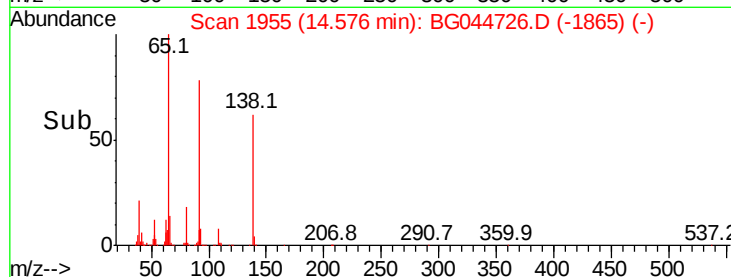
92 132.5 105.6 158.4



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: 40.926 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

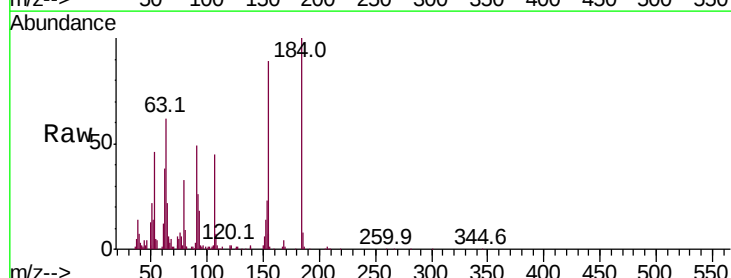
Tgt Ion:184 Resp: 89151

Ion Ratio Lower Upper

184 100

63 61.6 49.0 73.6

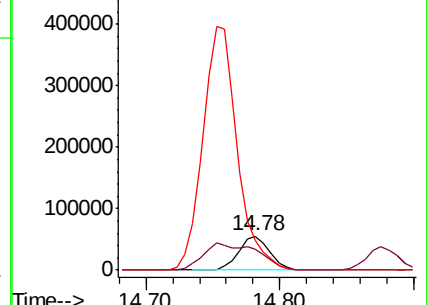
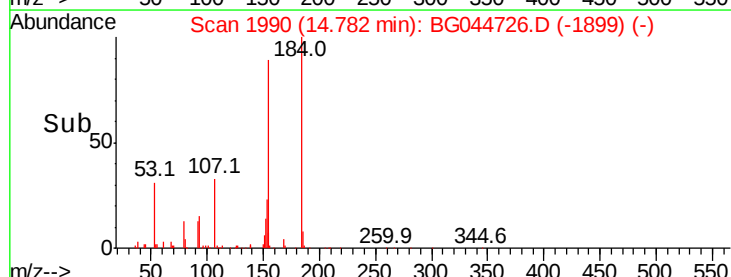
154 89.1 94.5 141.7#

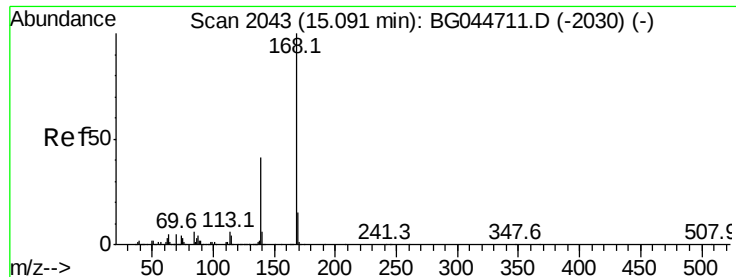


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.281 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

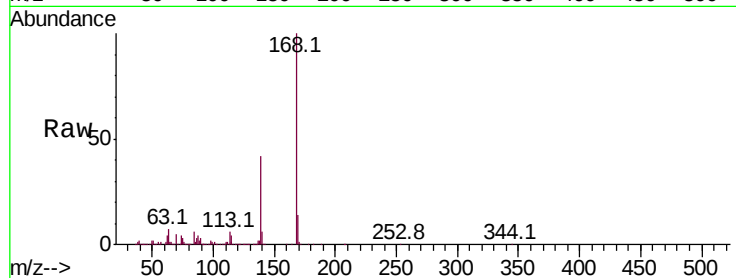
Instrument :

BNA_G

ClientSampleId :

Tot Ion:168 Resp: 1015397

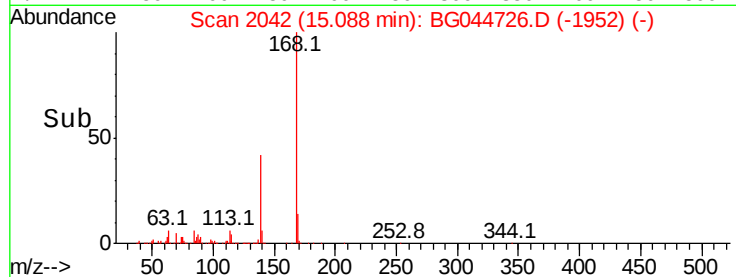
Ion	Ratio	Lower	Upper
168	100		
139	42.3	32.6	49.0
169	14.1	11.8	17.6



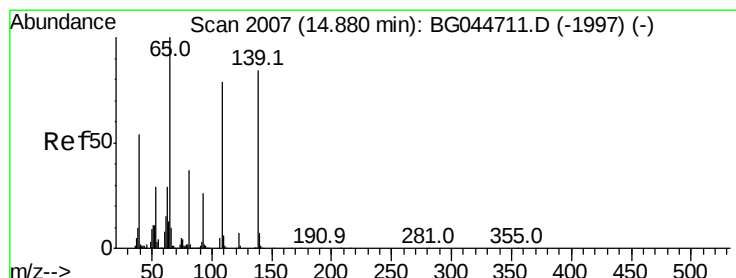
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time--> 15.00 15.10



#56

4-Nitrophenol

Concen: 40.241 ng

RT: 14.88 min Scan# 2006

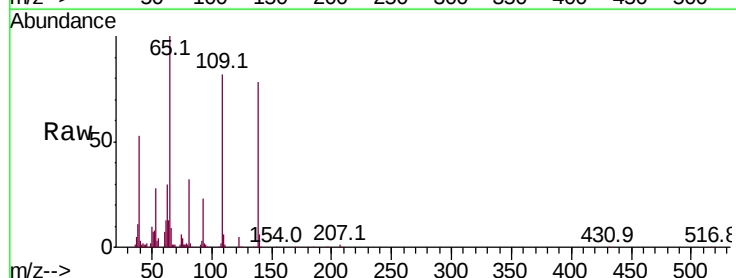
Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Tgt Ion:139 Resp: 165541

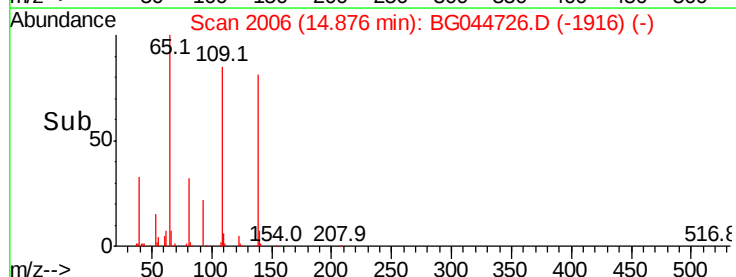
Ion	Ratio	Lower	Upper
139	100		
109	104.4	74.1	114.1
65	127.6	98.6	138.6



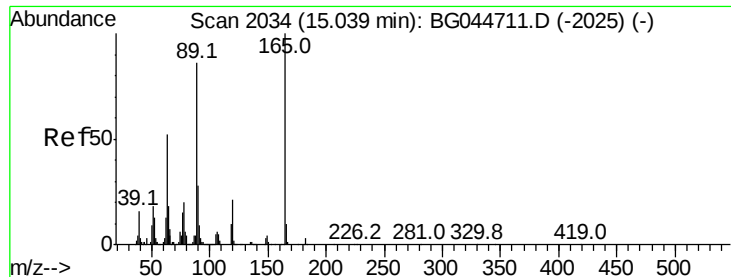
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG



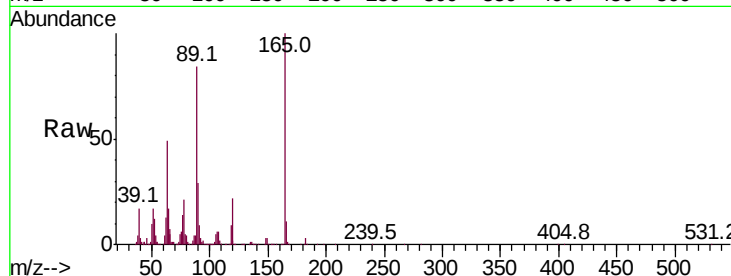
Time--> 14.80 14.90



#57
2,4-Dinitrotoluene
Concen: 41.914 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.7	41.5	62.3
89	84.5	69.0	103.4
182	2.8	2.7	4.1



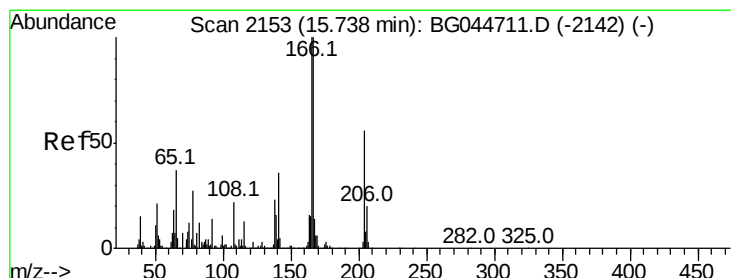
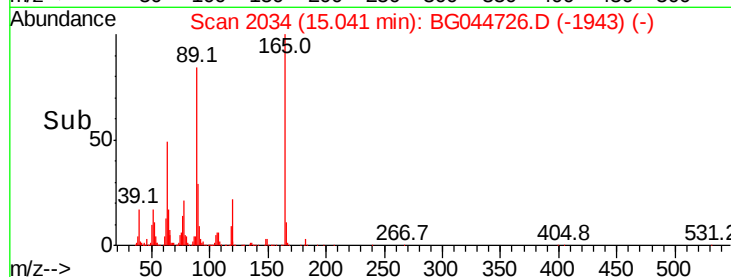
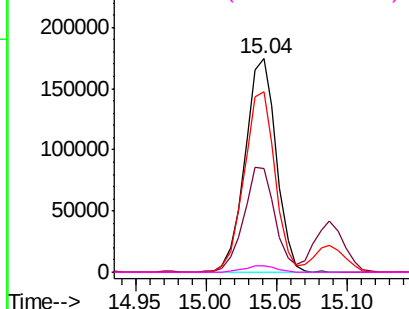
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

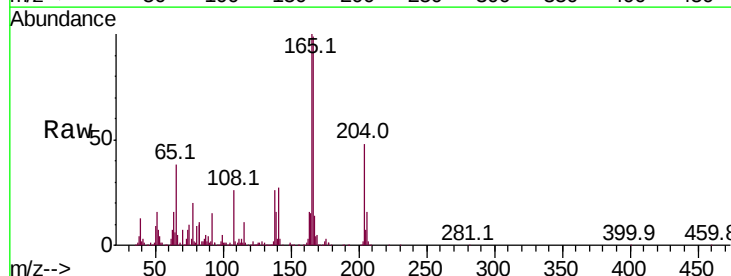
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.177 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.6	119.4
167	13.9	11.4	17.2

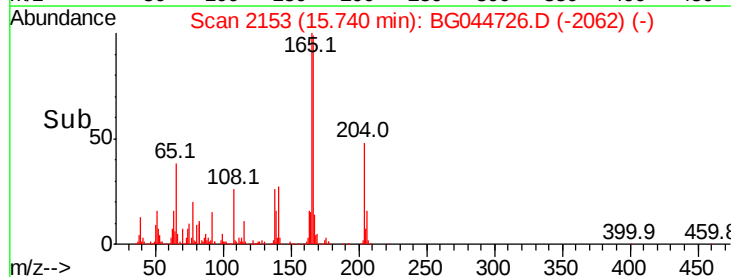
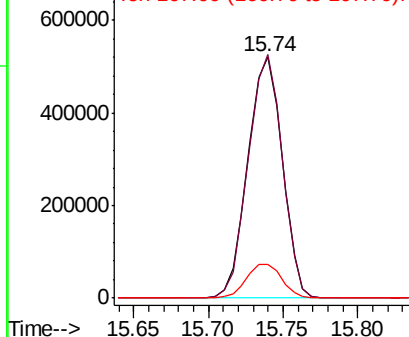


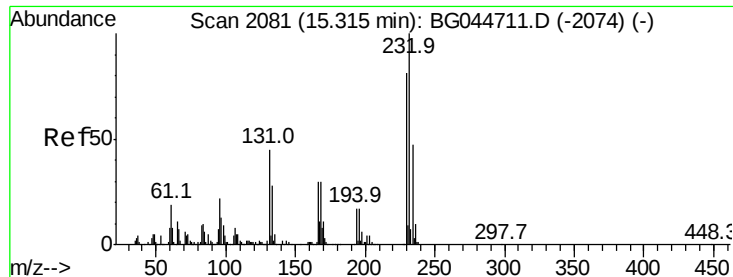
Abundance

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

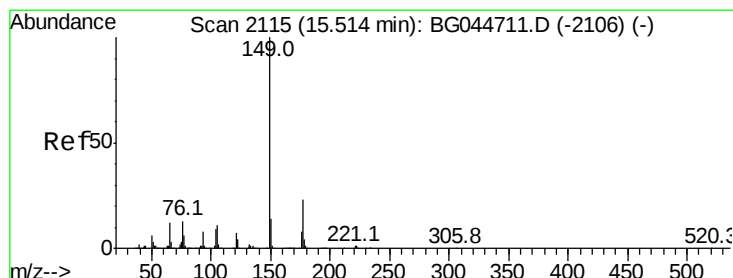
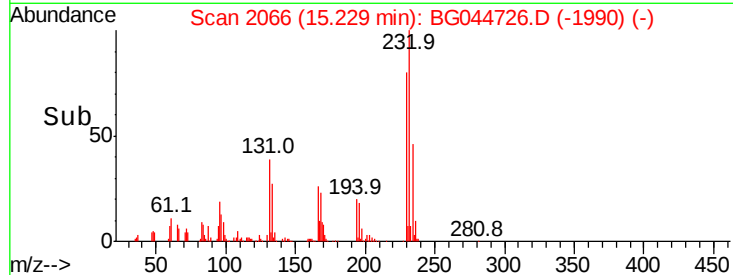
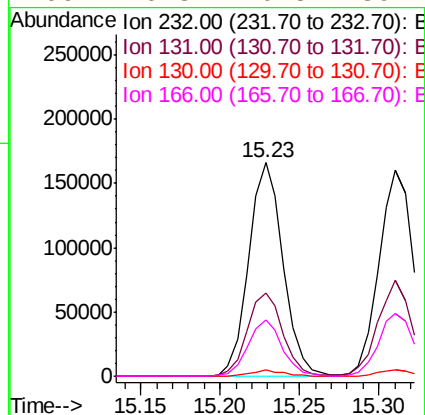
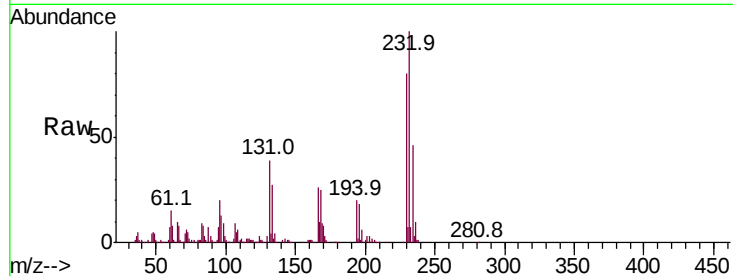




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.964 ng
RT: 15.23 min Scan# 2066
Delta R.T. -0.09 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

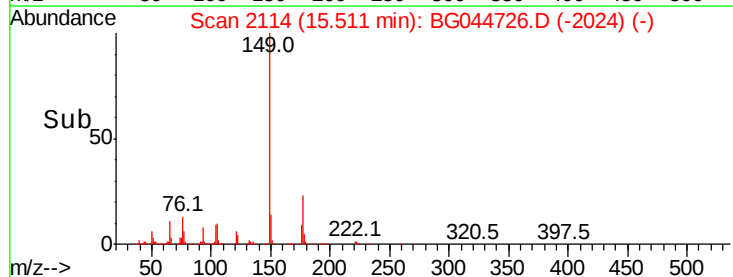
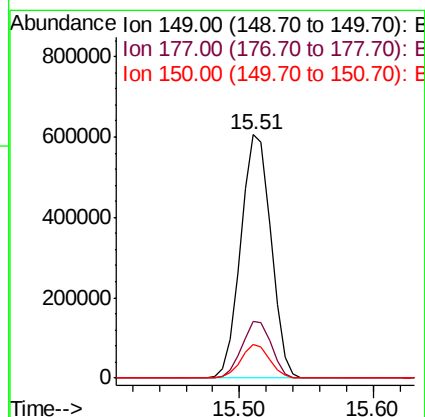
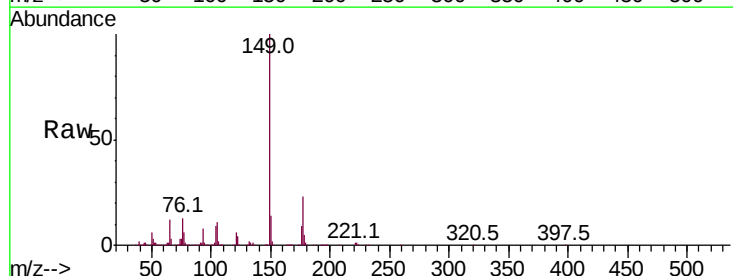
Instrument :
BNA_G
ClientSampleId :

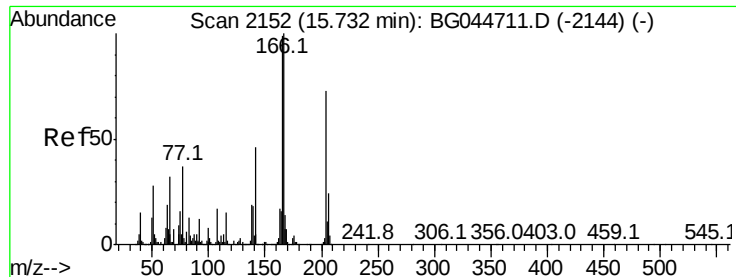
Tot Ion:	232	Resp:	249644
Ion	Ratio	Lower	Upper
232	100		
131	40.0	32.4	48.6
130	2.7	2.0	3.0
166	26.3	20.5	30.7



#60
Diethylphthalate
Concen: 38.927 ng
RT: 15.51 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

Tgt Ion:	149	Resp:	944334
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.8	28.2
150	13.6	11.2	16.8

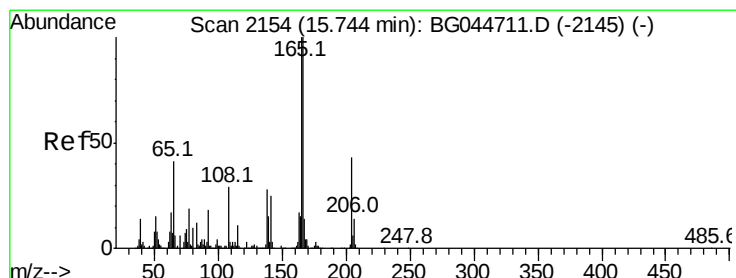
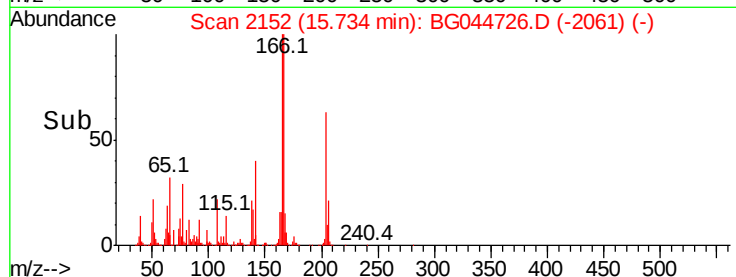
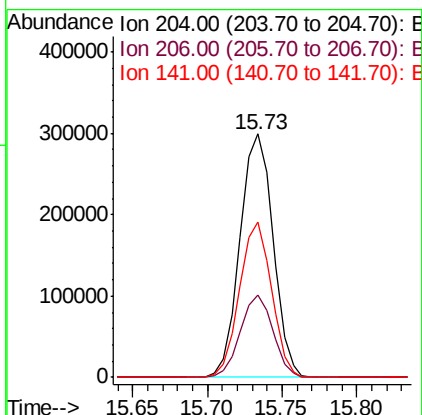
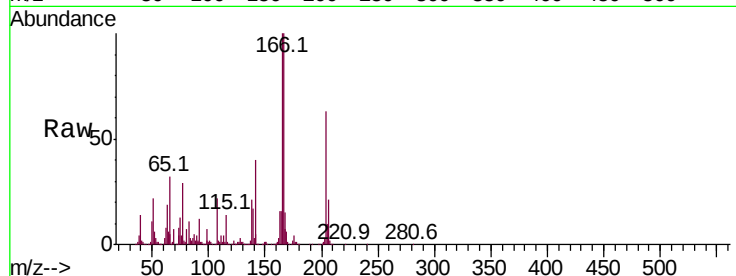




#61
4-Chlorophenyl-phenylether
Concen: 39.099 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

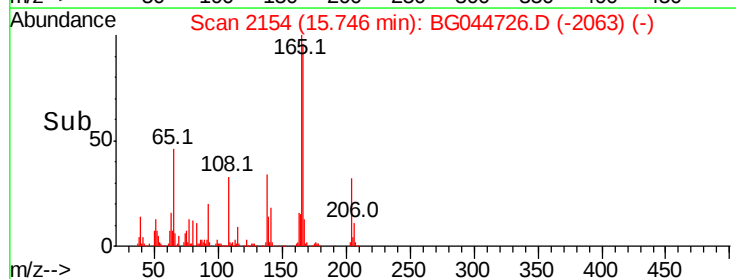
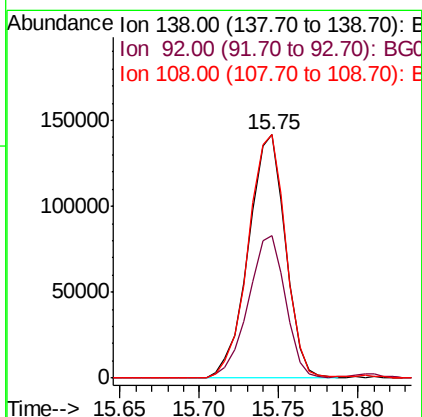
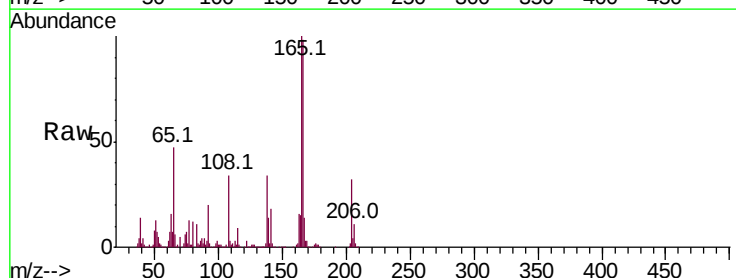
Instrument :
BNA_G
ClientSampleId :

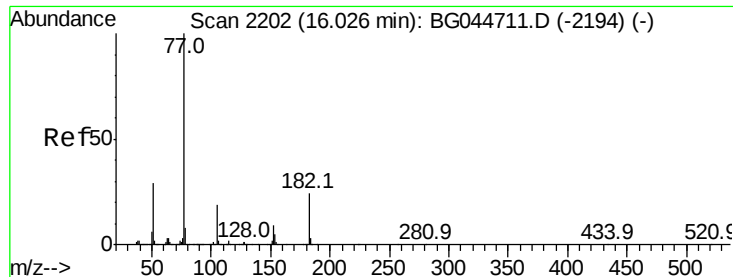
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	25.8	38.6
141	64.0	50.8	76.2



#62
4-Nitroaniline
Concen: 40.092 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.6	42.1	82.1
108	100.0	81.2	121.2

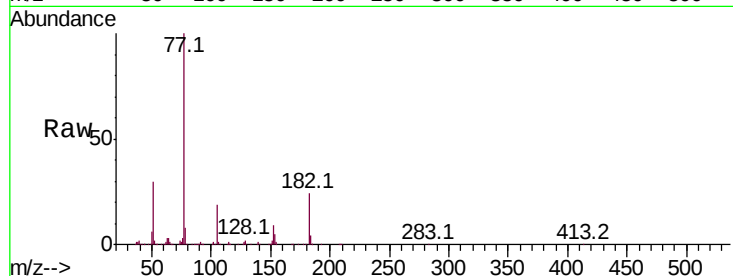




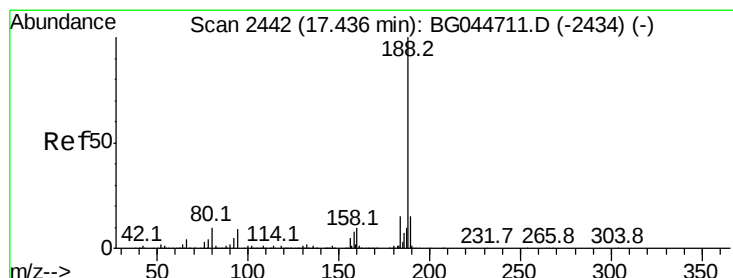
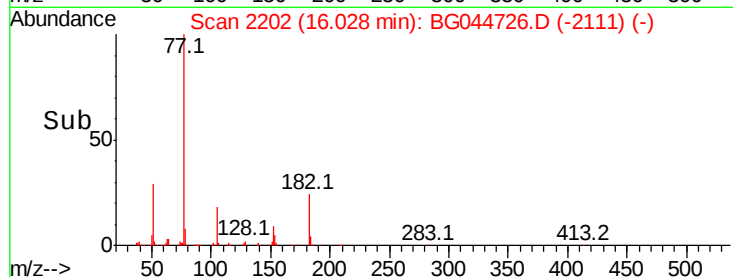
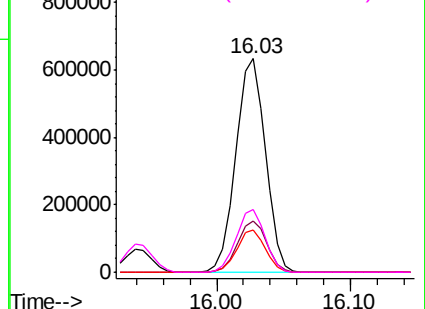
#63
Azobenzene
Concen: 38.521 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	970422
Ion	Ratio	Lower	Upper
77	100		
182	24.0	3.6	43.6
105	19.5	0.0	39.3
51	29.6	8.7	48.7

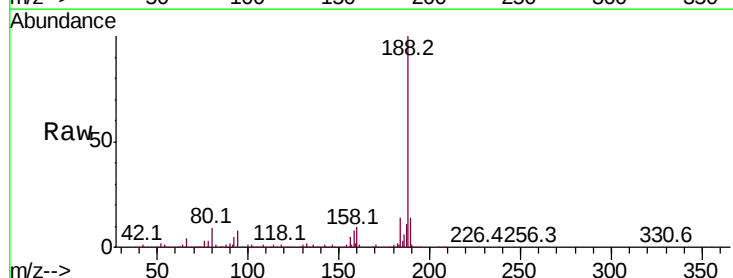


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

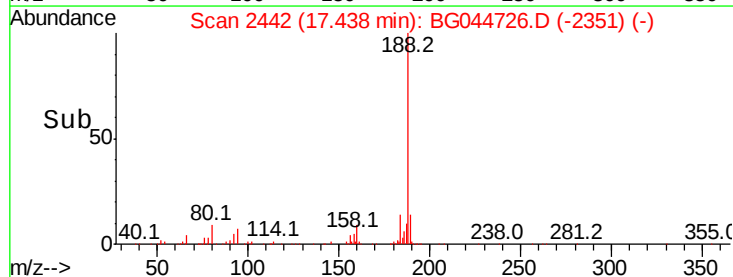
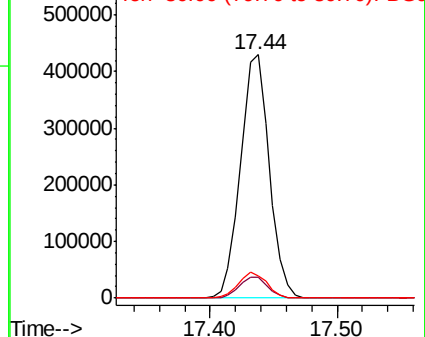


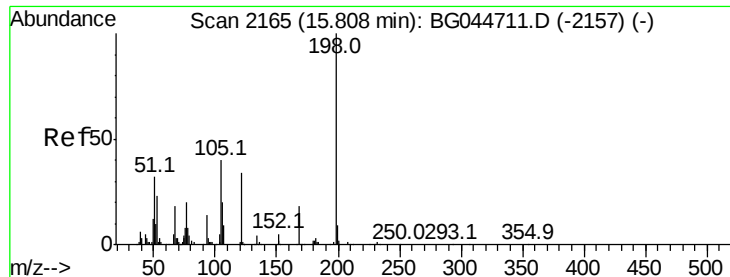
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

Tgt Ion:	188	Resp:	671610
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	9.2	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

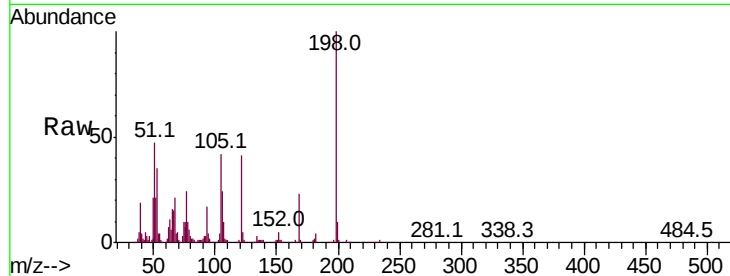




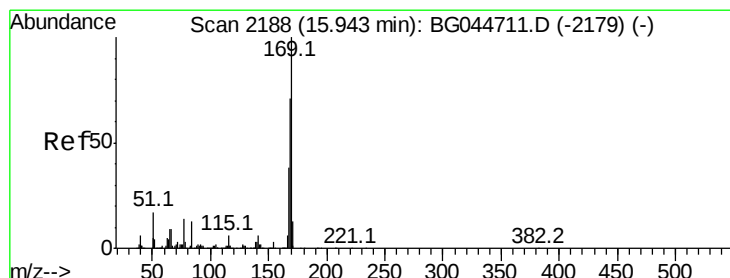
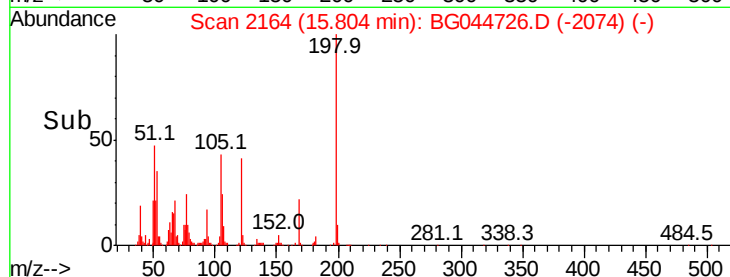
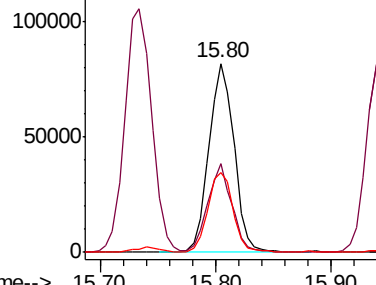
#65
4,6-Dinitro-2-methylphenol
Concen: 40.491 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 123417
Ion Ratio Lower Upper
198 100
51 46.7 20.1 60.1
105 42.3 21.3 61.3

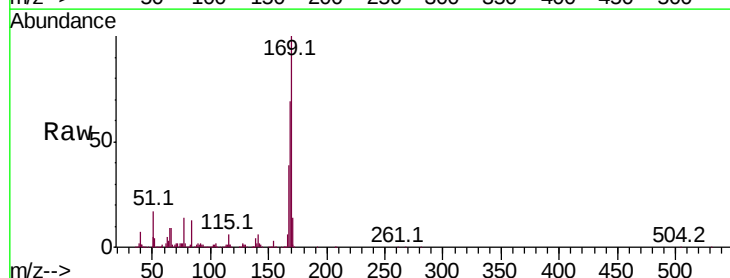


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

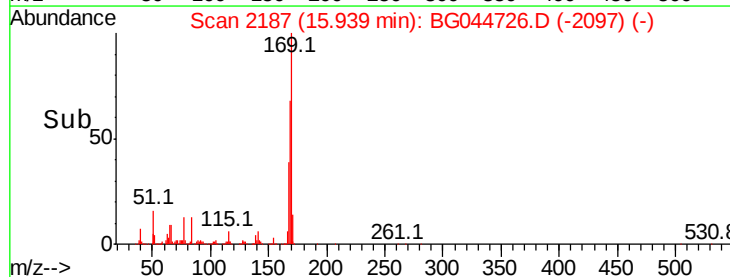
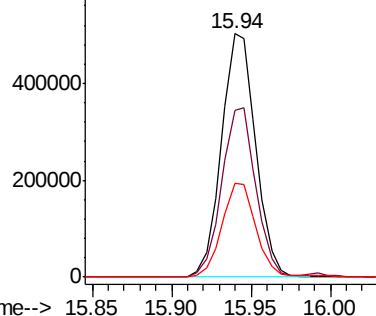


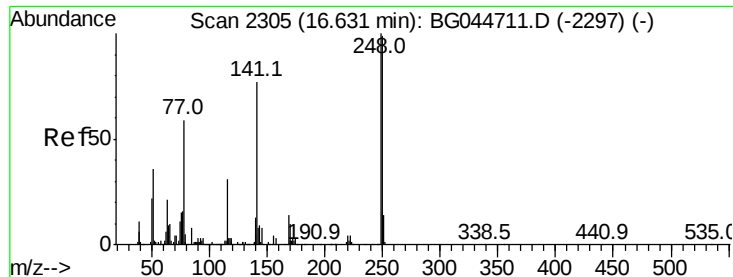
#66
n-Nitrosodiphenylamine
Concen: 37.250 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

Tgt Ion:169 Resp: 753201
Ion Ratio Lower Upper
169 100
168 68.5 56.6 85.0
167 38.7 30.1 45.1



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

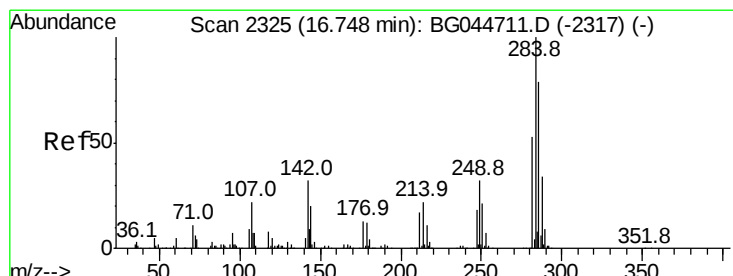
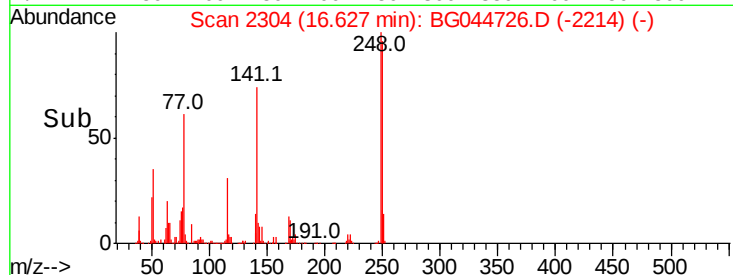
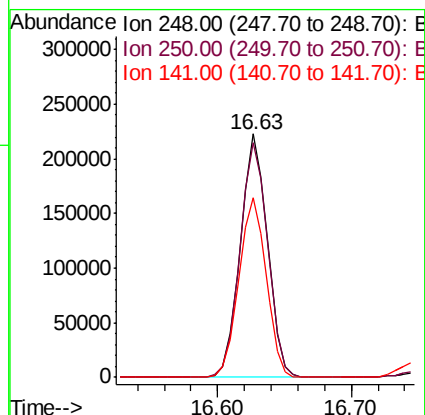
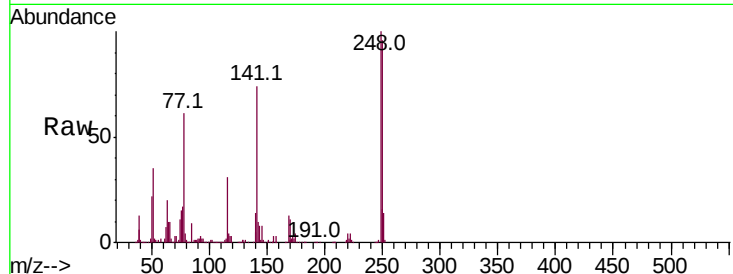




#67
4-Bromophenyl-phenylether
Concen: 37.079 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

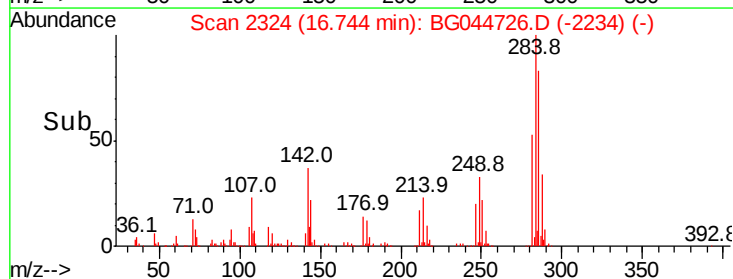
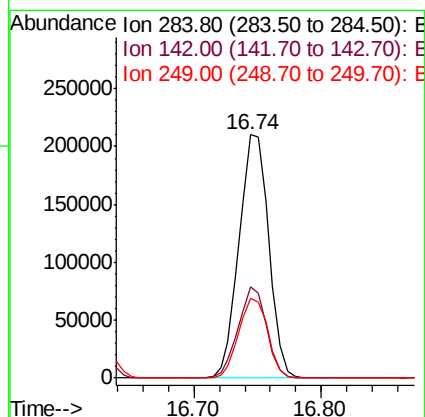
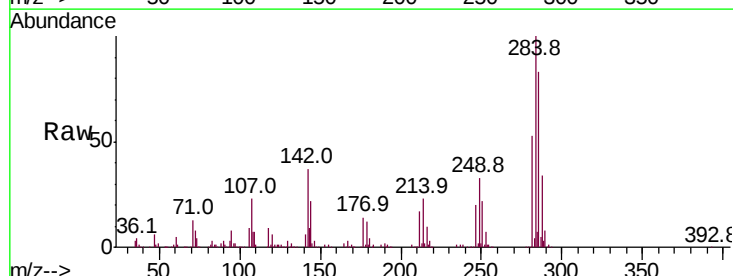
Instrument :
BNA_G
ClientSampleId :

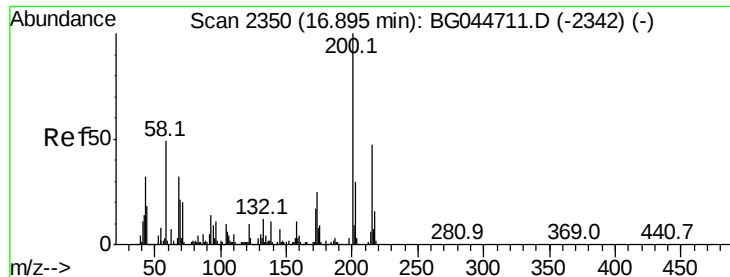
Tot Ion:248 Resp: 311316
Ion Ratio Lower Upper
248 100
250 96.5 79.4 119.0
141 73.6 61.7 92.5



#68
Hexachlorobenzene
Concen: 37.442 ng
RT: 16.74 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG044726.D
Acq: 11 Mar 2020 19:12

Tgt Ion:284 Resp: 341052
Ion Ratio Lower Upper
284 100
142 37.4 25.6 38.4
249 32.9 25.8 38.6





#69

Atrazine

Concen: 40.134 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampled :

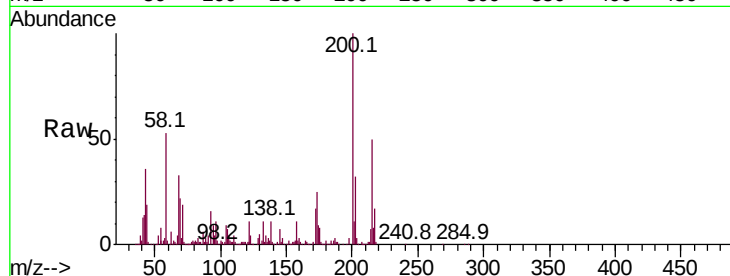
Tot Ion:200 Resp: 297315

Ion Ratio Lower Upper

200 100

173 25.4 4.8 44.8

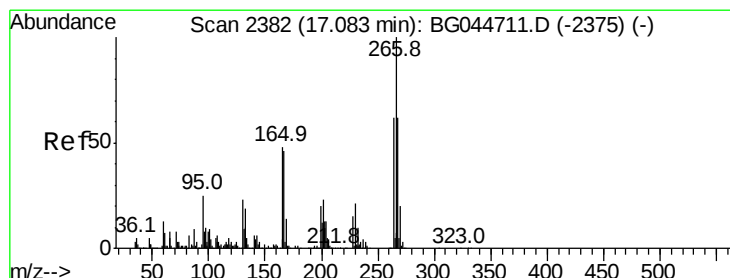
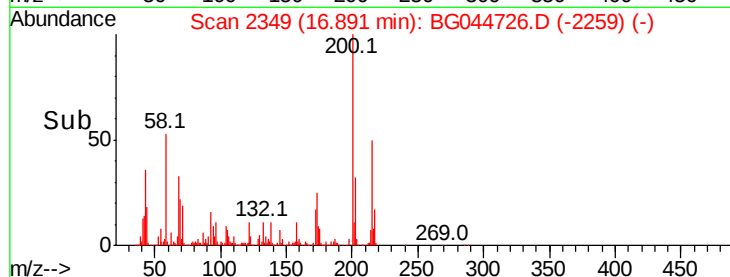
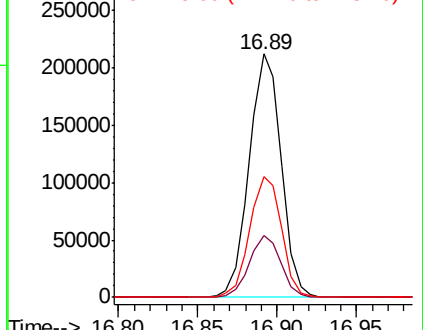
215 49.8 27.4 67.4



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: 41.042 ng

RT: 17.09 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

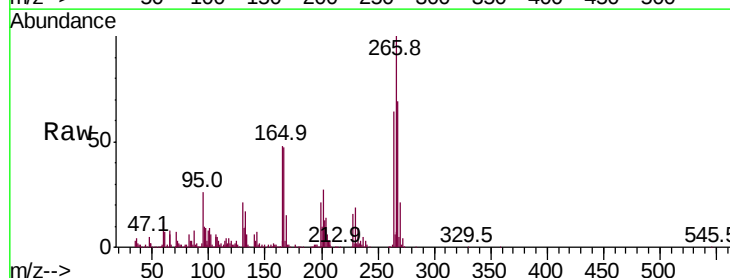
Tgt Ion:266 Resp: 205693

Ion Ratio Lower Upper

266 100

268 68.6 49.9 74.9

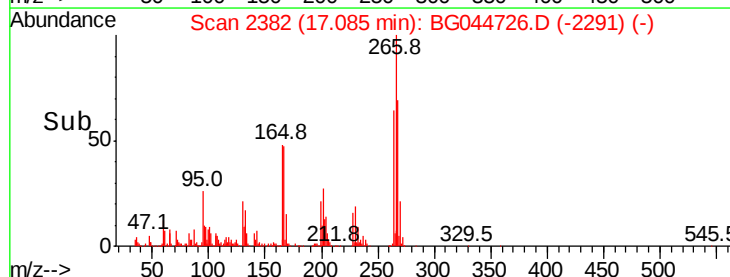
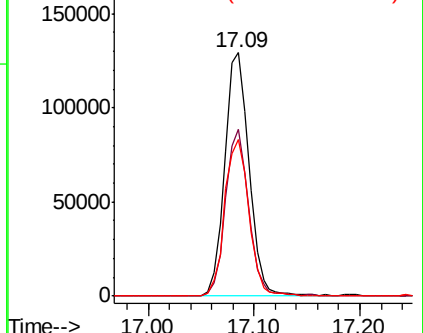
264 64.4 49.9 74.9

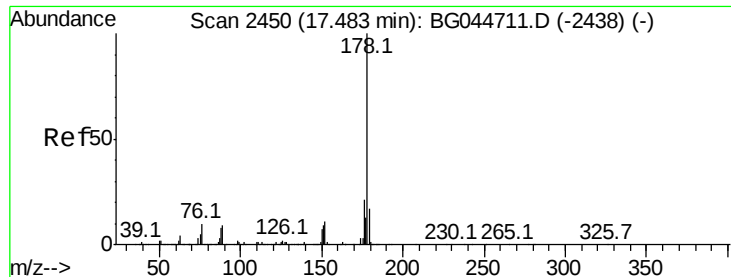


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.132 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampled :

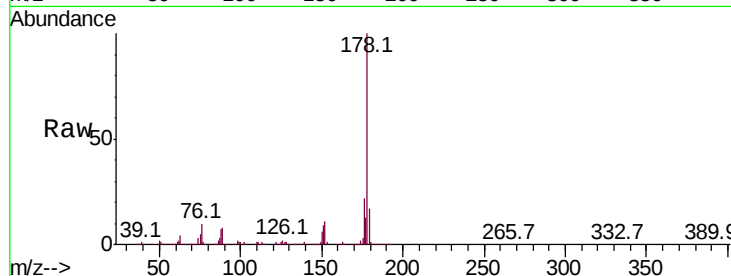
Tot Ion:178 Resp: 1368544

Ion Ratio Lower Upper

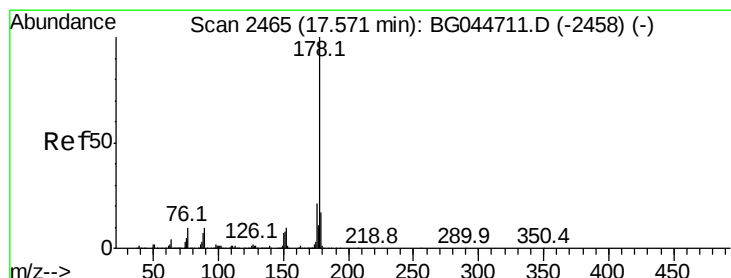
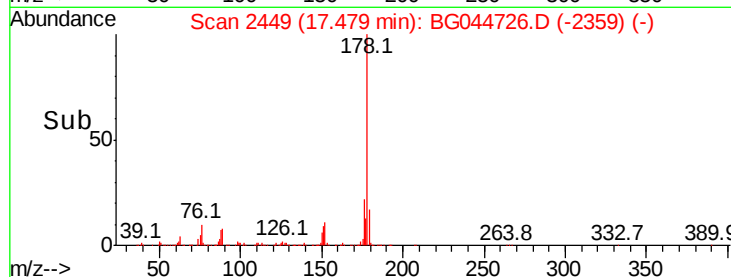
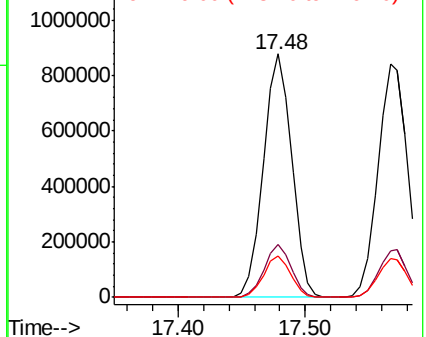
178 100

176 21.5 17.0 25.6

179 17.2 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E
1200000
Ion 176.00 (175.70 to 176.70): E
1000000
Ion 179.00 (178.70 to 179.70): E
800000
600000
400000
200000
0



#72

Anthracene

Concen: 38.624 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

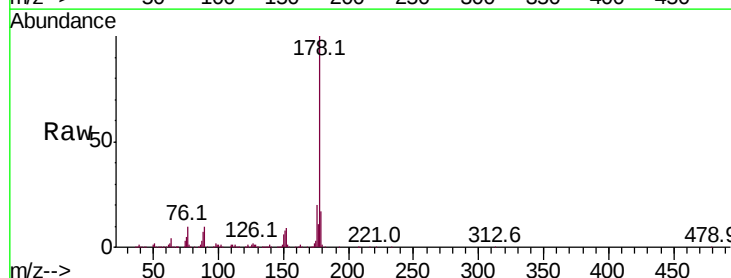
Tgt Ion:178 Resp: 1366876

Ion Ratio Lower Upper

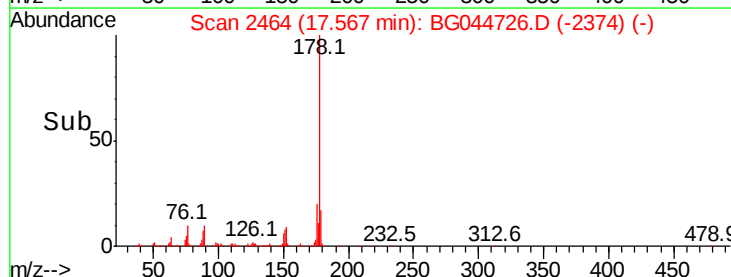
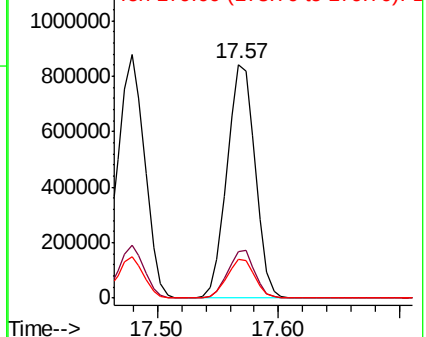
178 100

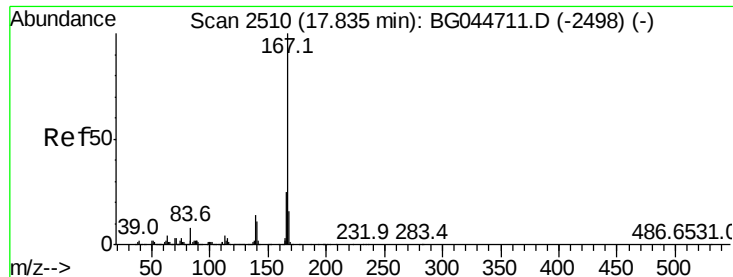
176 19.8 17.0 25.6

179 16.8 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E
1200000
Ion 176.00 (175.70 to 176.70): E
1000000
Ion 179.00 (178.70 to 179.70): E
800000
600000
400000
200000
0





#73

Carbazole

Concen: 38.441 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

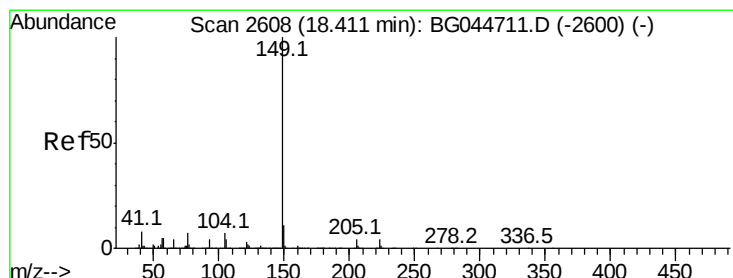
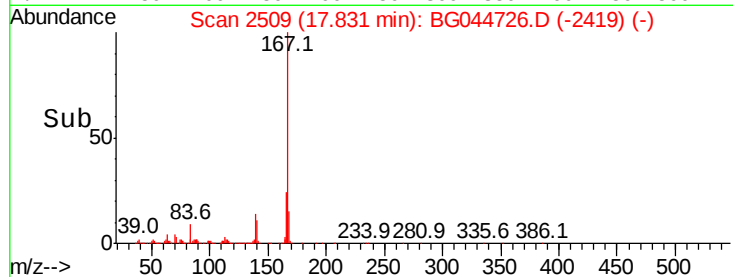
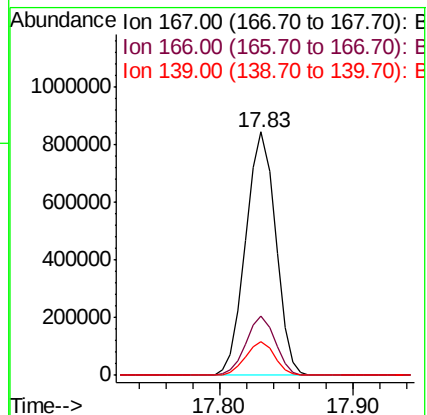
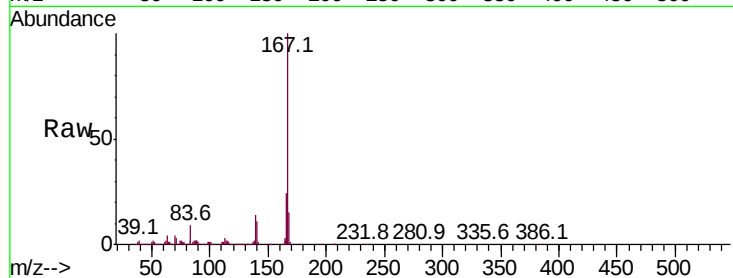
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1306778

Ion	Ratio	Lower	Upper
167	100		
166	24.3	19.6	29.4
139	13.9	11.4	17.2



#74

Di-n-butylphthalate

Concen: 39.425 ng

RT: 18.41 min Scan# 2607

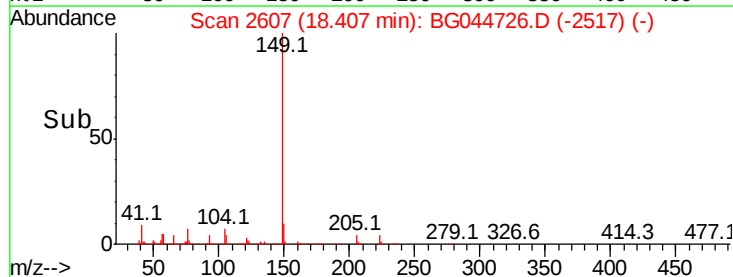
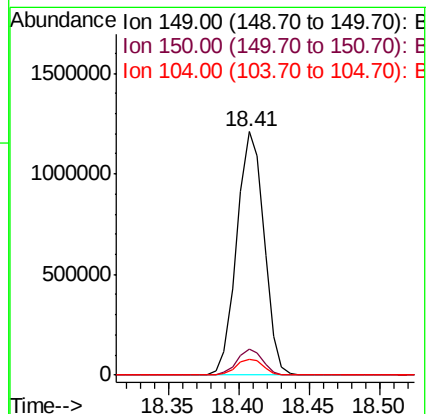
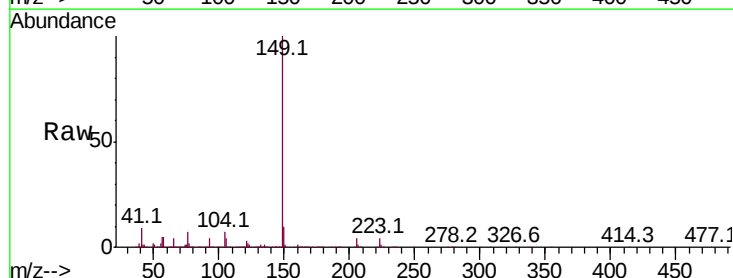
Delta R.T. -0.00 min

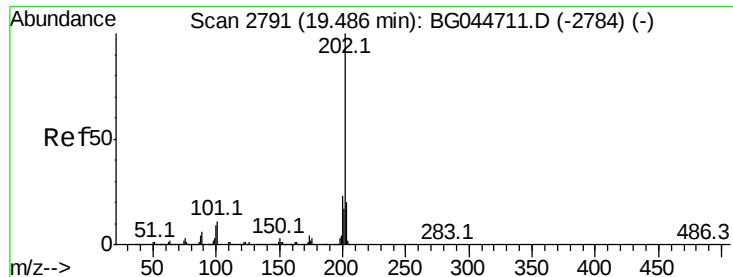
Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Tgt Ion:149 Resp: 1629191

Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.4	12.6
104	6.7	5.6	8.4





#75

Fluoranthene

Concen: 39.234 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampled :

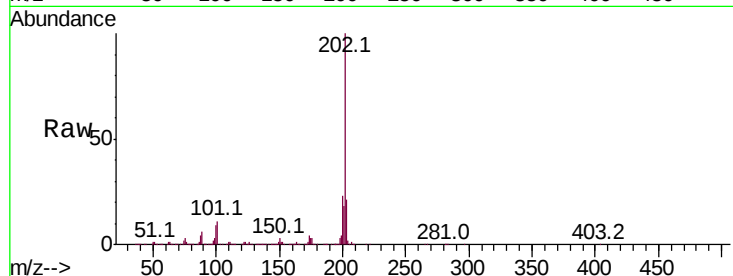
Tot Ion:202 Resp: 1676569

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.3

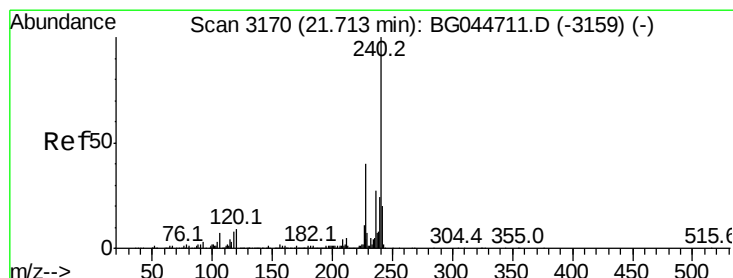
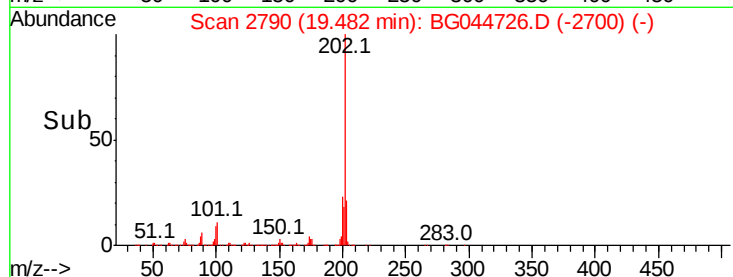
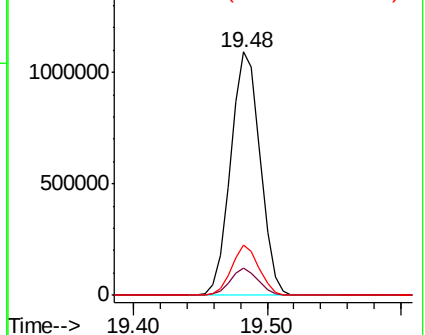
203 20.7 0.4 40.4



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. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

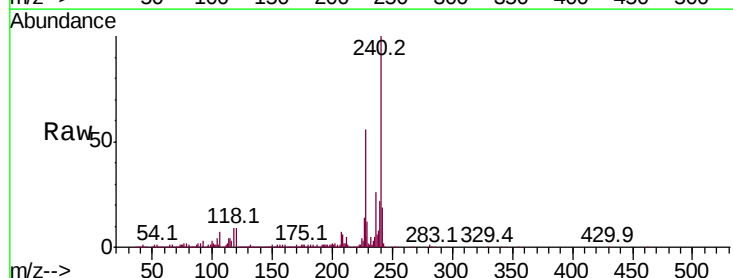
Tgt Ion:240 Resp: 605741

Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

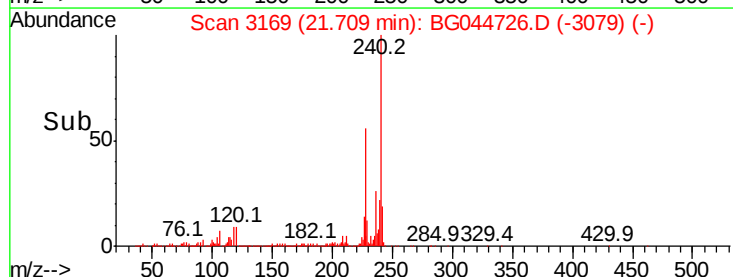
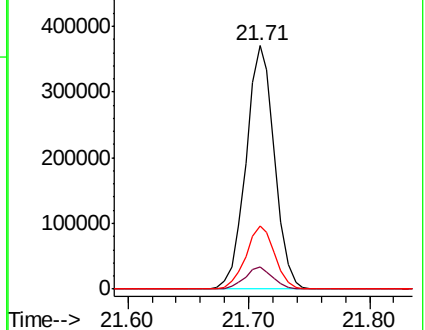
236 26.0 21.9 32.9

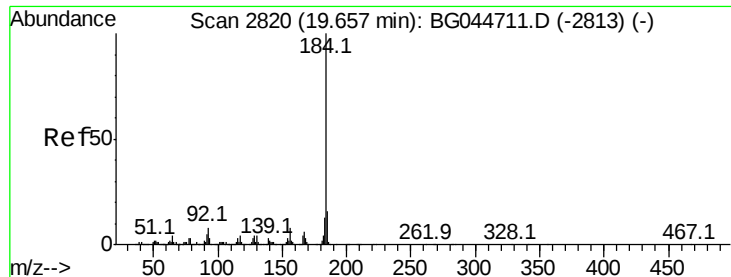


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.036 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

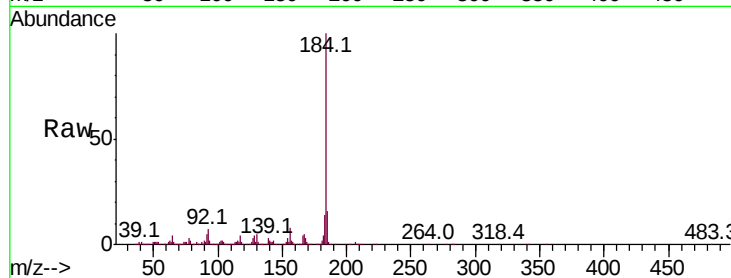
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 806960

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.9	19.3
183	13.8	10.6	15.8

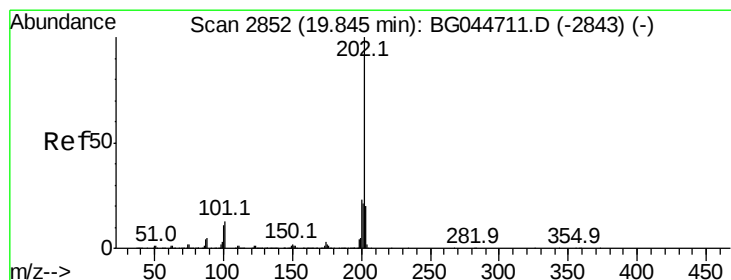
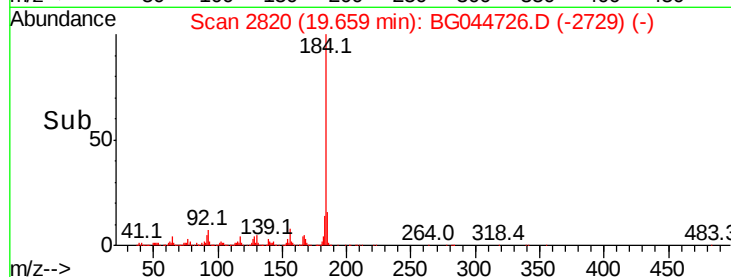
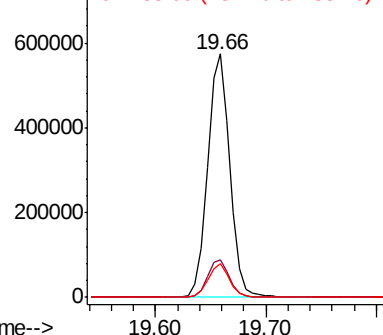


Abundance

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: 37.652 ng

RT: 19.85 min Scan# 2852

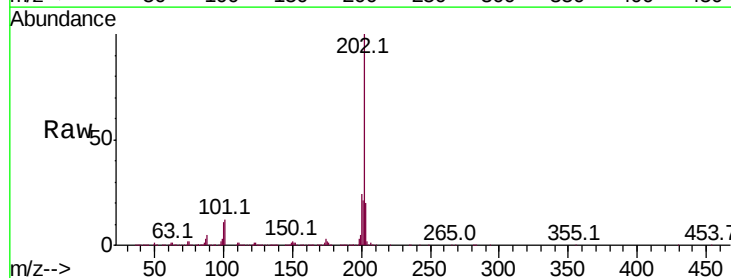
Delta R.T. 0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Tgt Ion:202 Resp: 1673322

Ion	Ratio	Lower	Upper
202	100		
200	24.0	18.7	28.1
203	19.9	16.0	24.0

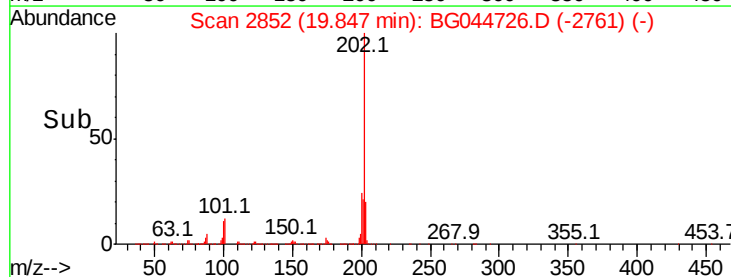
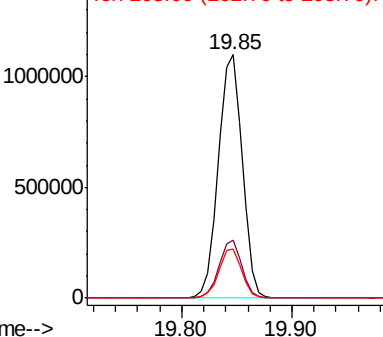


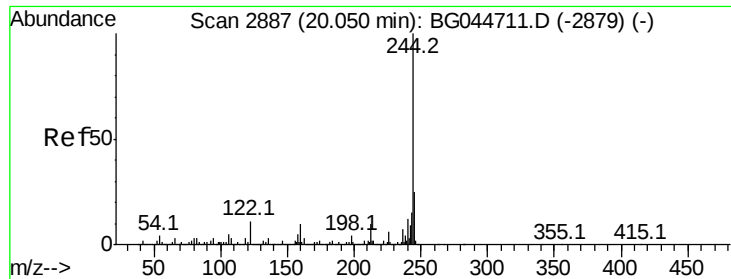
Abundance

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: 74.159 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampleId :

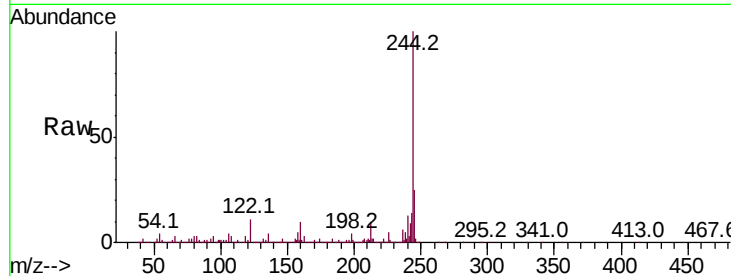
Tot Ion:244 Resp: 2401504

Ion Ratio Lower Upper

244 100

212 9.8 8.4 12.6

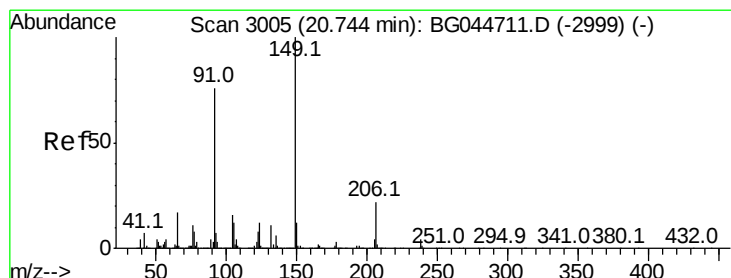
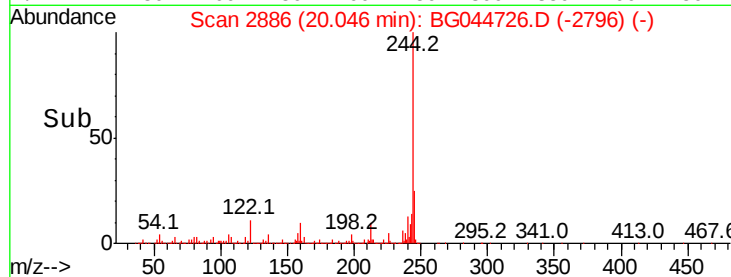
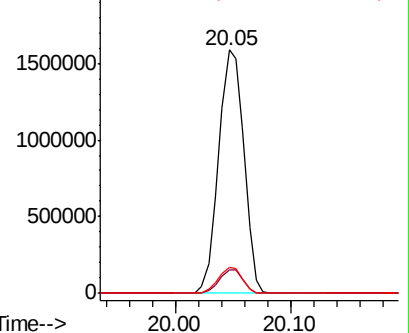
122 10.8 8.7 13.1



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: 38.821 ng

RT: 20.74 min Scan# 3004

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

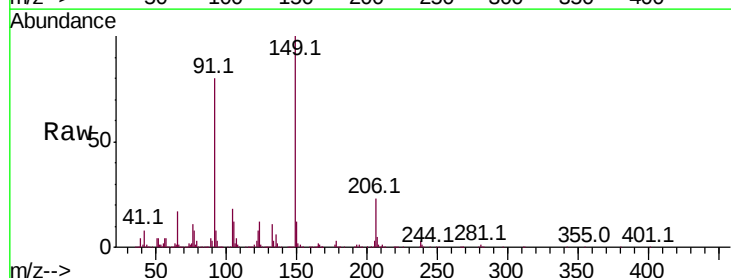
Tgt Ion:149 Resp: 767523

Ion Ratio Lower Upper

149 100

91 79.9 61.1 91.7

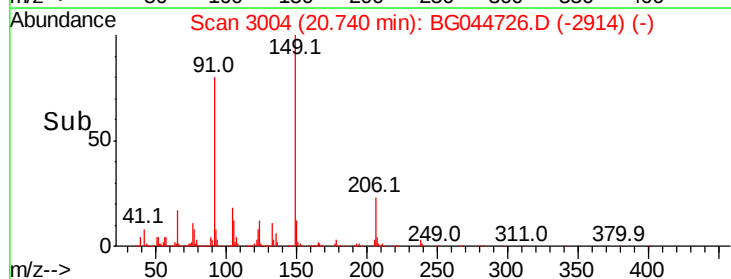
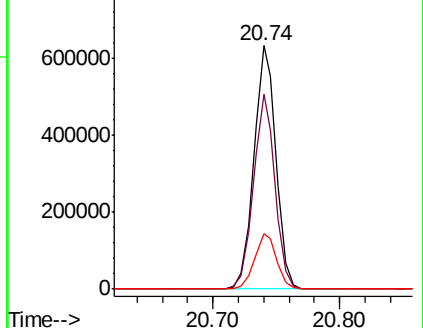
206 22.7 17.4 26.2

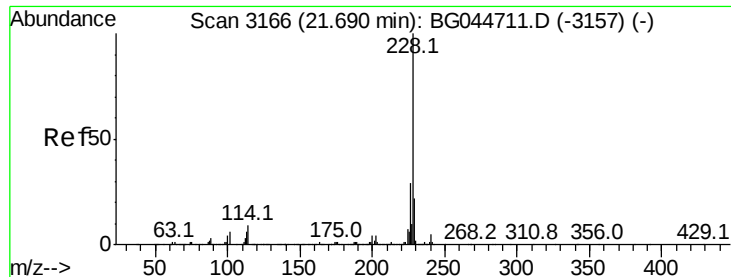


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.081 ng

RT: 21.69 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

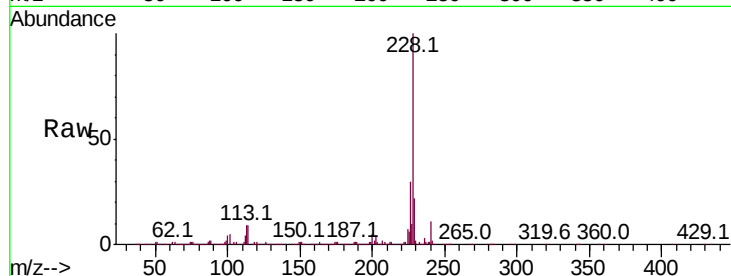
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1661011

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.5	35.3
229	22.2	17.2	25.8

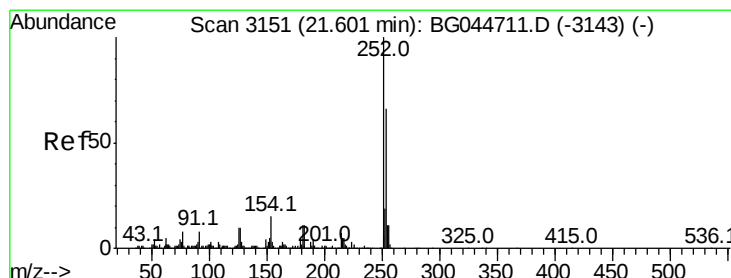
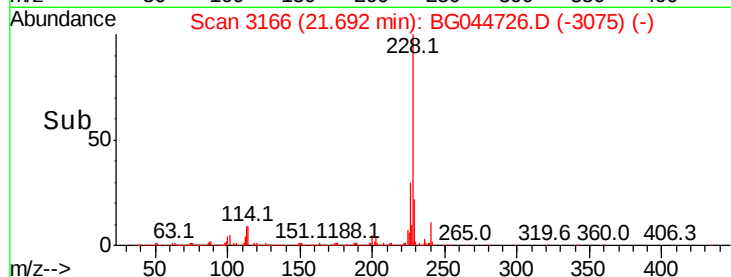
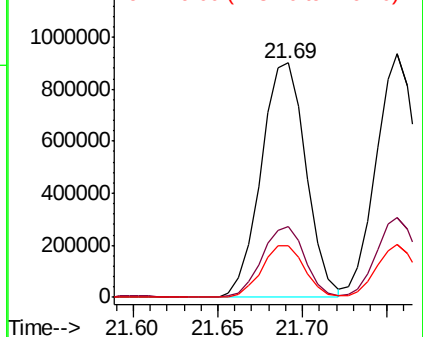


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.013 ng

RT: 21.60 min Scan# 3151

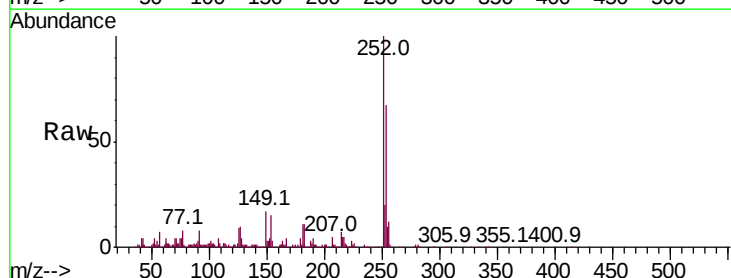
Delta R.T. 0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Tgt Ion:252 Resp: 658314

Ion	Ratio	Lower	Upper
252	100		
254	66.6	53.0	79.4
126	9.2	8.2	12.4

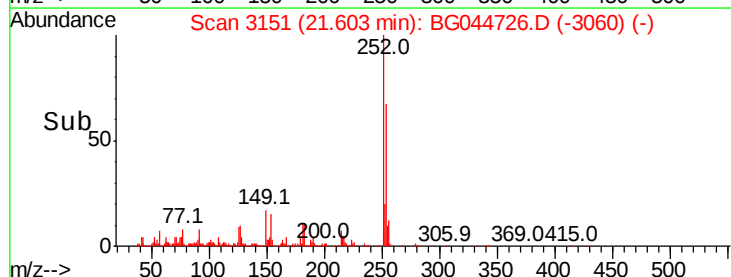
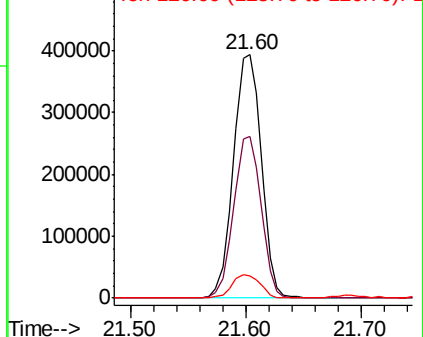


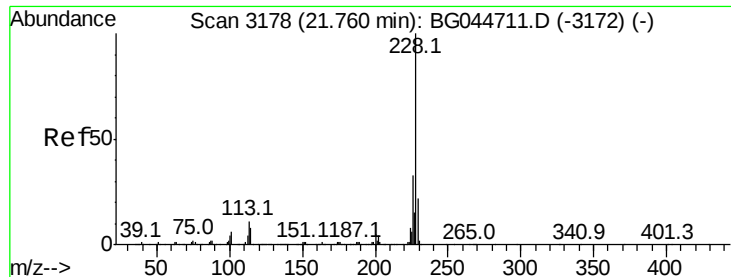
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.855 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampleId :

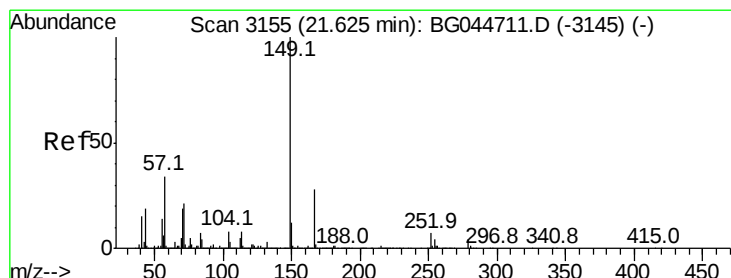
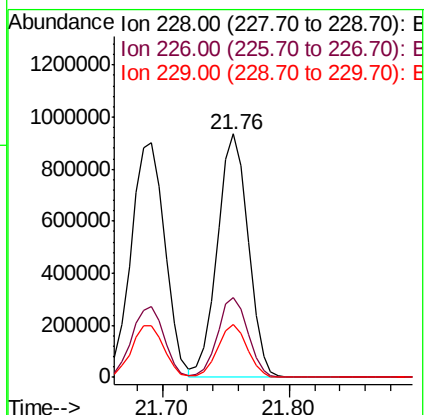
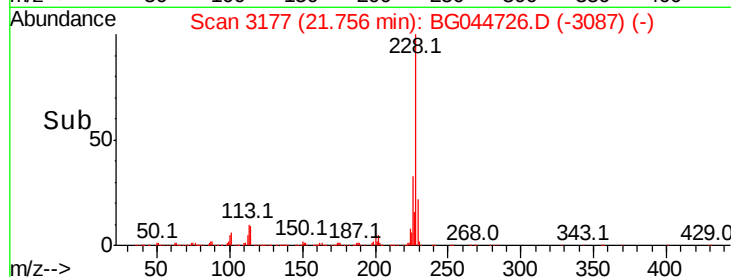
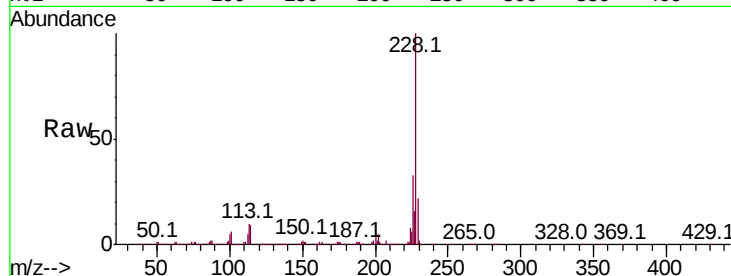
Tot Ion:228 Resp: 1577229

Ion	Ratio	Lower	Upper
228	100		
226	33.0	26.1	39.1
229	22.0	17.4	26.0

228 100

226 33.0 26.1 39.1

229 22.0 17.4 26.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.312 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

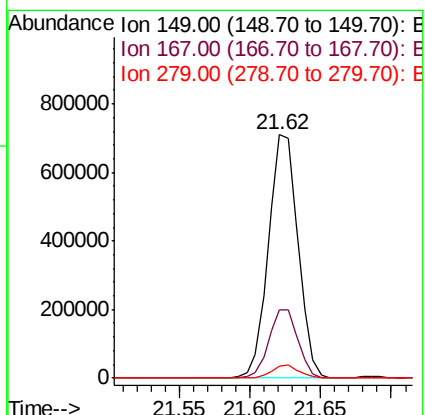
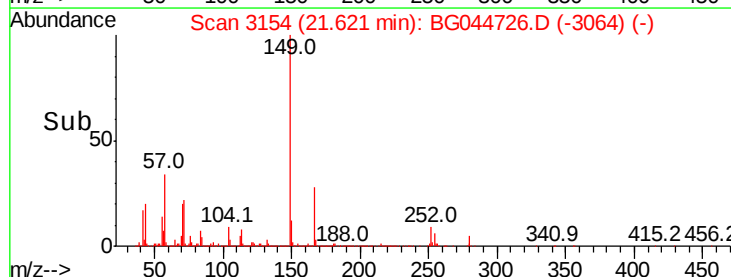
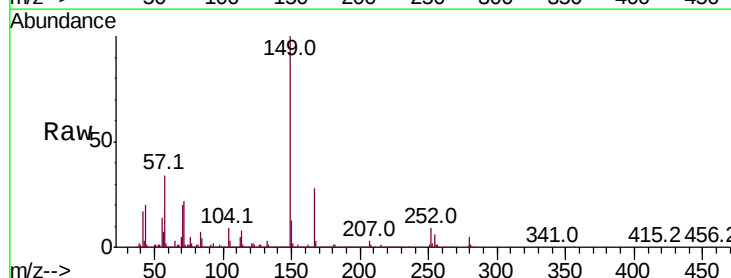
Tgt Ion:149 Resp: 1045399

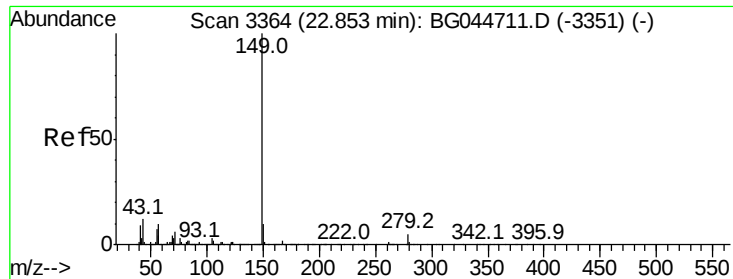
Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	33.8
279	4.7	3.5	5.3

149 100

167 28.2 22.6 33.8

279 4.7 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 39.026 ng

RT: 22.85 min Scan# 3363

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampleId :

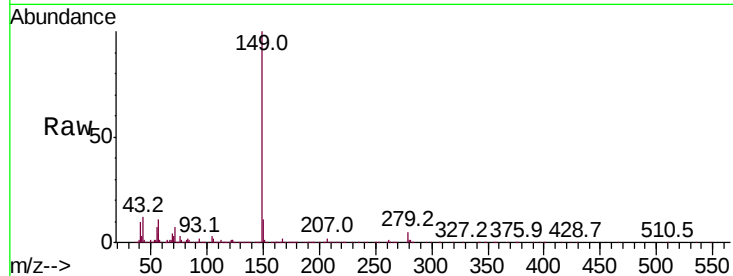
Tot Ion:149 Resp: 1781985

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

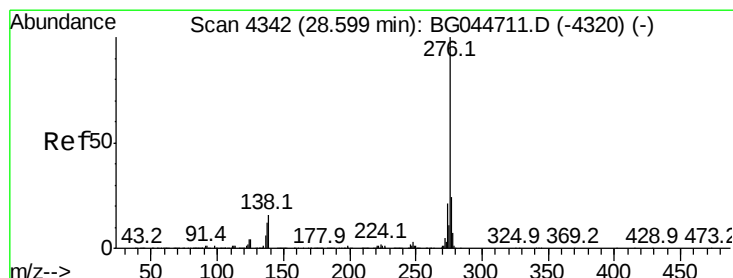
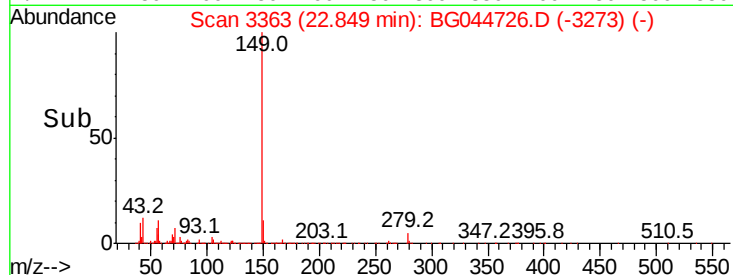
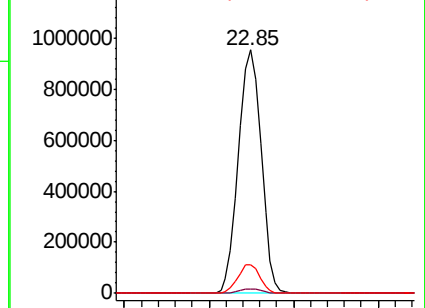
43 11.5 9.0 13.6



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: 38.930 ng

RT: 28.60 min Scan# 4341

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

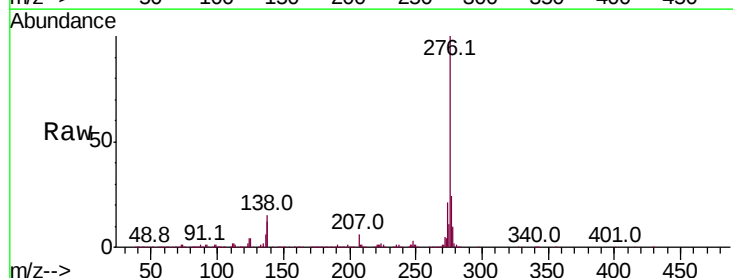
Tgt Ion:276 Resp: 2126492

Ion Ratio Lower Upper

276 100

138 14.4 10.9 16.3

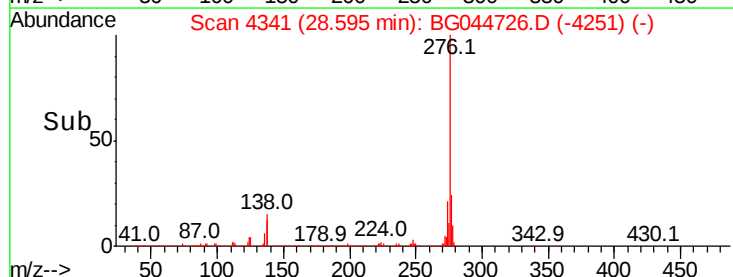
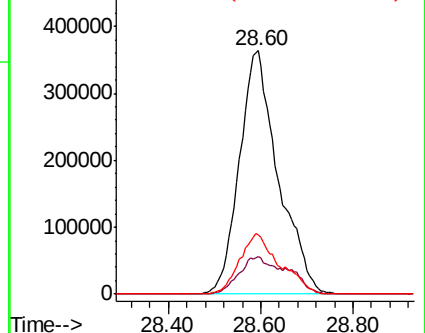
277 25.6 20.8 31.2

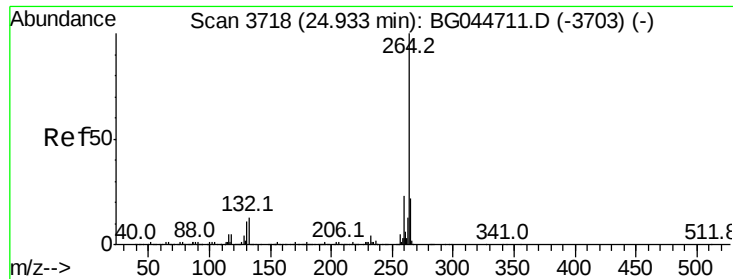


Abundance Ion 276.00 (275.70 to 276.70): E

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. -0.00 min

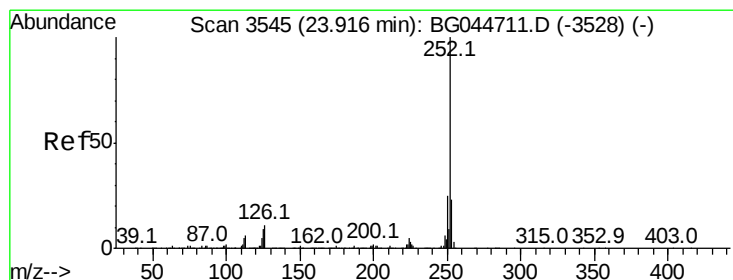
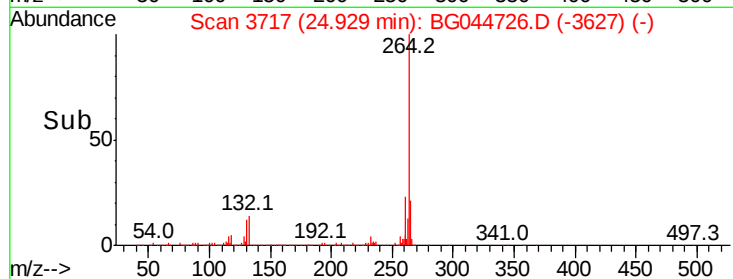
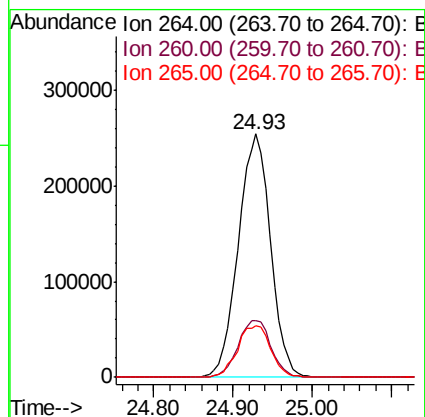
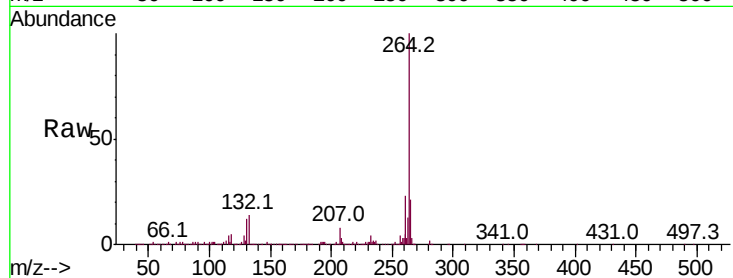
Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 716445

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	21.4	17.4	26.2



#88

Benzo(b)fluoranthene

Concen: 38.791 ng

RT: 23.91 min Scan# 3544

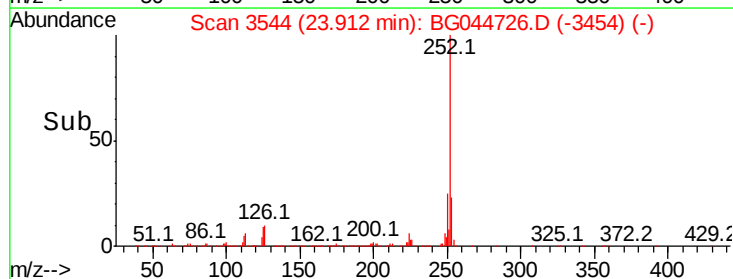
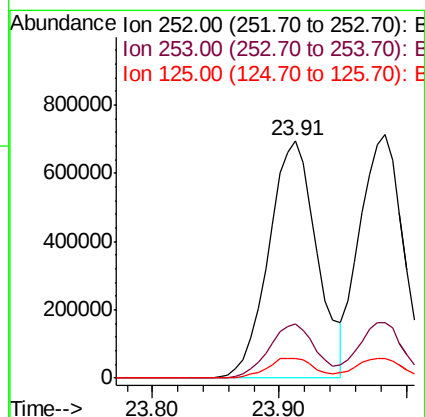
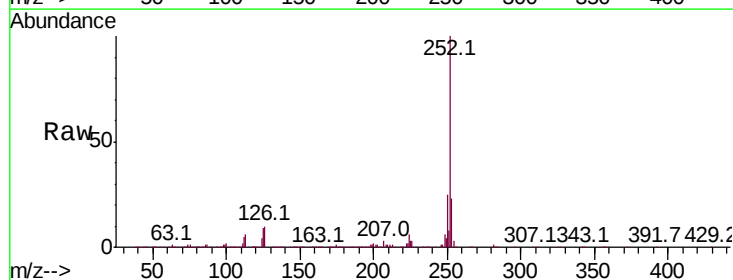
Delta R.T. -0.00 min

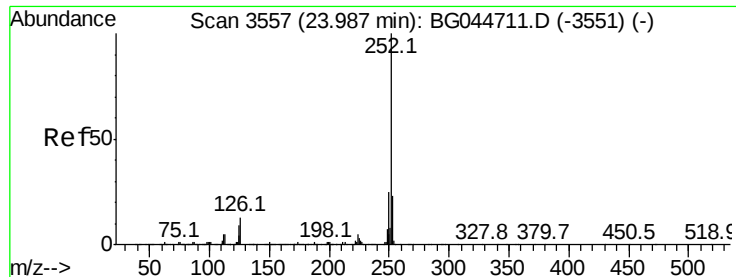
Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Tgt Ion:252 Resp: 1834754

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.7	28.1
125	8.5	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 37.659 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.00 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampleId :

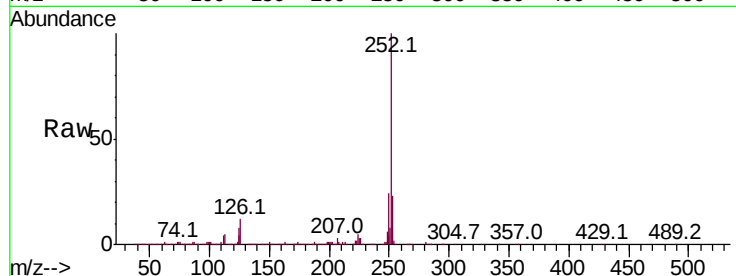
Tot Ion:252 Resp: 1685632

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

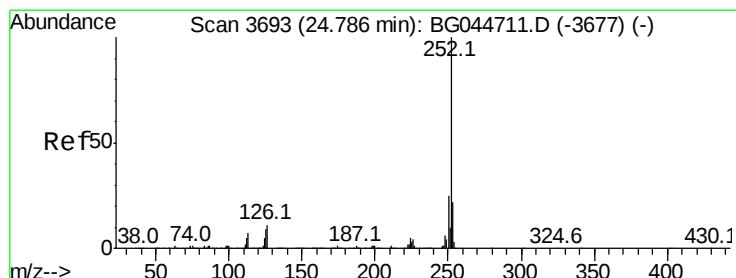
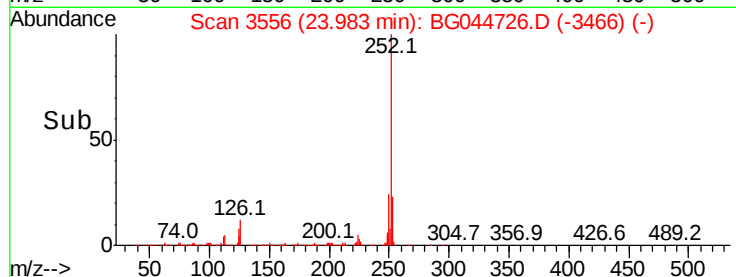
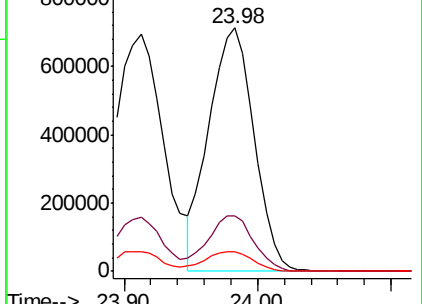
125 8.3 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.127 ng

RT: 24.78 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

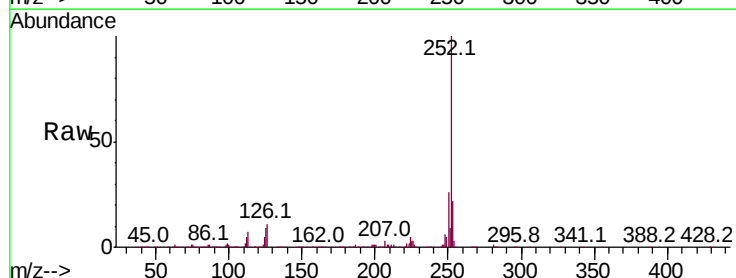
Tgt Ion:252 Resp: 1687369

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

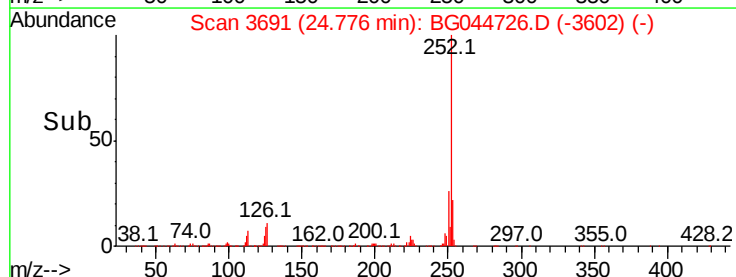
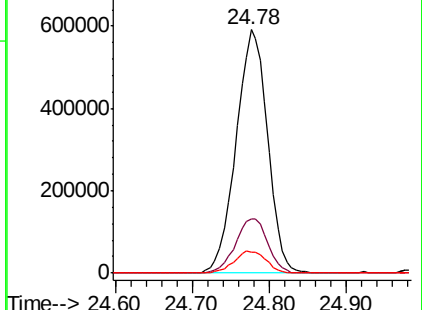
125 8.7 7.0 10.6

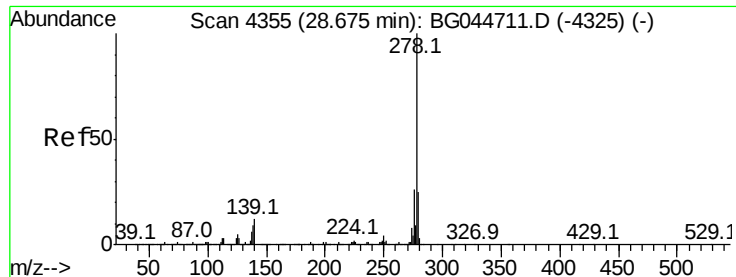


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.784 ng

RT: 28.67 min Scan# 4353

Delta R.T. -0.01 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

Instrument :

BNA_G

ClientSampleId :

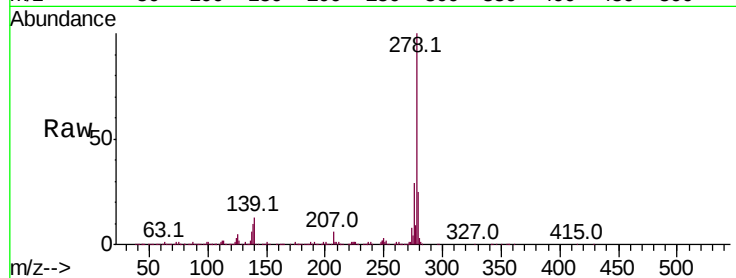
Tot Ion:278 Resp: 1693382

Ion Ratio Lower Upper

278 100

139 13.1 9.9 14.9

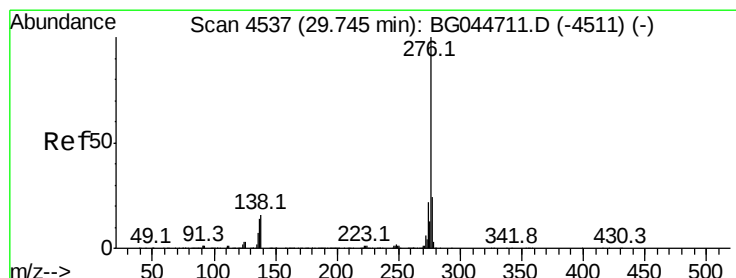
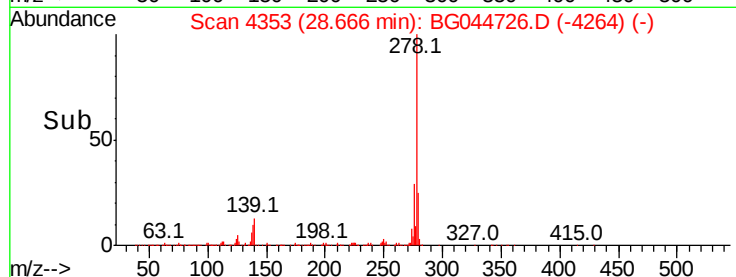
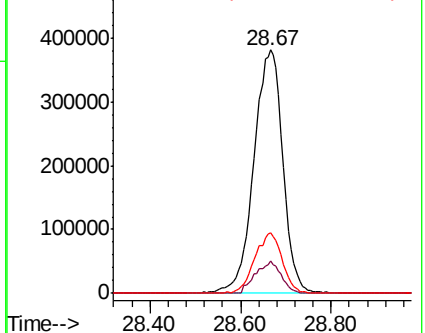
279 24.8 20.2 30.4



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: 38.296 ng

RT: 29.73 min Scan# 4534

Delta R.T. -0.02 min

Lab File: BG044726.D

Acq: 11 Mar 2020 19:12

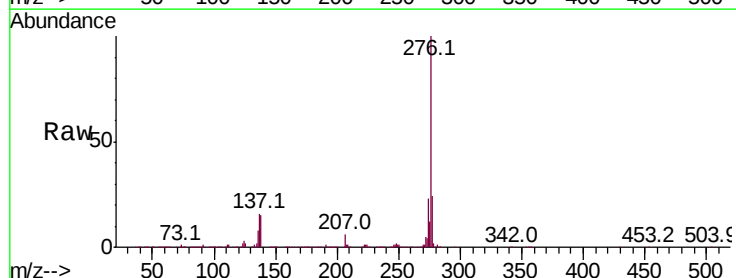
Tgt Ion:276 Resp: 1689371

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 15.1 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

