

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044783.D
 Acq On : 14 Mar 2020 4:12
 Operator : CG/JU
 Sample : PB127427BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 14 05:39:55 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	129567	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	528777	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	349924	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	724107	20.00	ng	0.00
76) Chrysene-d12	21.71	240	571795	20.00	ng	0.00
87) Perylene-d12	24.93	264	641196	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	425053	51.07	ng	0.00
7) Phenol-d6	7.21	99	355848	29.43	ng	0.00
23) Nitrobenzene-d5	9.21	82	993330	82.43	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	575955	125.71	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1983014	81.15	ng	0.00
79) Terphenyl-d14	20.05	244	2522971	82.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	51153	12.762	ng	99
3) Pyridine	3.92	79	106736	8.996	ng	95
4) n-Nitrosodimethylamine	3.83	42	63756	14.162	ng	# 98
6) Aniline	7.37	93	218173	14.499	ng	94
8) 2-Chlorophenol	7.62	128	325846	39.217	ng	98
9) Benzaldehyde	7.19	77	328581	46.782	ng	97
10) Phenol	7.24	94	147158	12.291	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	411336	43.049	ng	97
12) 1,3-Dichlorobenzene	7.95	146	392005	38.300	ng	96
13) 1,4-Dichlorobenzene	8.09	146	389696	38.512	ng	99
14) 1,2-Dichlorobenzene	8.41	146	375028	39.079	ng	98
15) Benzyl Alcohol	8.28	79	246147	25.369	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	651867	38.659	ng	99
17) 2-Methylphenol	8.50	107	232560	28.676	ng	97
18) Hexachloroethane	9.15	117	147420	37.006	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	365386	42.790	ng	# 97
20) 3+4-Methylphenols	8.82	107	282628	25.281	ng	98
22) Acetophenone	8.88	105	648308	43.278	ng	# 96
24) Nitrobenzene	9.26	77	545055	43.593	ng	99
25) Isophorone	9.79	82	991929	42.177	ng	98
26) 2-Nitrophenol	9.97	139	219188	50.208	ng	95
27) 2,4-Dimethylphenol	10.03	122	304578	39.768	ng	100
28) bis(2-Chloroethoxy)methane	10.26	93	581442	41.427	ng	96
29) 2,4-Dichlorophenol	10.51	162	389556	43.547	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	429559	40.159	ng	96
31) Naphthalene	10.92	128	1199274	40.942	ng	98
32) Benzoic acid	10.11	122	41749	15.257	ng	98
33) 4-Chloroaniline	11.01	127	210254	15.932	ng	97
34) Hexachlorobutadiene	11.22	225	261486	37.174	ng	99
35) Caprolactam	11.79	113	17711	5.229	ng	# 83
36) 4-Chloro-3-methylphenol	12.13	107	411639	38.583	ng	93
37) 2-Methylnaphthalene	12.52	142	923304	42.138	ng	99
38) 1-Methylnaphthalene	12.74	142	872241	42.343	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	509568	44.218	ng	99

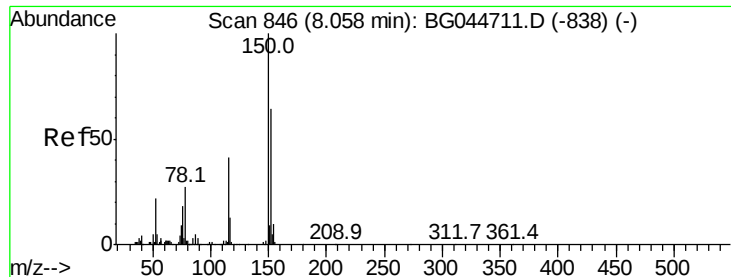
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044783.D
 Acq On : 14 Mar 2020 4:12
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	240183	38.137	nq	98
43) 2,4,6-Trichlorophenol	13.12	196	358209	46.837	nq	98
44) 2,4,5-Trichlorophenol	13.19	196	374416	47.207	nq	96
46) 1,1'-Biphenyl	13.53	154	1159739	41.474	nq	97
47) 2-Chloronaphthalene	13.57	162	891851	41.750	nq	99
48) 2-Nitroaniline	13.75	65	345939	46.257	nq	99
49) Acenaphthylene	14.41	152	1455121	43.481	nq	98
50) Dimethylphthalate	14.15	163	1228342	44.074	nq	99
51) 2,6-Dinitrotoluene	14.25	165	273593	48.702	nq	97
52) Acenaphthene	14.75	154	934622	42.643	nq	98
53) 3-Nitroaniline	14.58	138	169132	26.187	nq	100
54) 2,4-Dinitrophenol	14.78	184	94359	37.122	nq	# 80
55) Dibenzofuran	15.09	168	1384231	43.553	nq	98
56) 4-Nitrophenol	14.88	139	132956	26.973	nq	97
57) 2,4-Dinitrotoluene	15.04	165	374377	48.592	nq	# 93
58) Fluorene	15.74	166	1128131	43.149	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	346165	47.406	nq	93
60) Diethylphthalate	15.51	149	1203680	41.409	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	618612	43.942	nq	97
62) 4-Nitroaniline	15.75	138	229105	33.266	nq	94
63) Azobenzene	16.02	77	1253045	41.511	nq	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	82298	27.992	nq	93
66) n-Nitrosodiphenylamine	15.95	169	995573	45.667	nq	99
67) 4-Bromophenyl-phenylether	16.62	248	424602	46.905	nq	98
68) Hexachlorobenzene	16.75	284	451874	46.012	nq	99
69) Atrazine	16.89	200	390720	48.918	nq	98
70) Pentachlorophenol	17.09	266	523778	96.932	nq	99
71) Phenanthrene	17.48	178	1704454	44.048	nq	99
72) Anthracene	17.57	178	1742753	45.675	nq	99
73) Carbazole	17.83	167	1608233	43.879	nq	98
74) Di-n-butylphthalate	18.40	149	1851458	41.556	nq	99
75) Fluoranthene	19.48	202	1933920	41.975	nq	98
77) Benzidine	19.66	184	613987	33.076	nq	98
78) Pyrene	19.84	202	1958756	46.692	nq	99
80) Butylbenzylphthalate	20.73	149	844112	45.229	nq	96
81) Benzo(a)anthracene	21.69	228	1855869	45.074	nq	96
82) 3,3'-Dichlorobenzidine	21.60	252	668875	41.992	nq	99
83) Chrysene	21.76	228	1748775	44.464	nq	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	1158391	44.973	nq	# 98
85) Di-n-octyl phthalate	22.84	149	1953187	45.315	nq	100
86) Indeno(1,2,3-cd)pyrene	28.60	276	2156381	41.821	nq	# 97
88) Benzo(b)fluoranthene	23.91	252	1961395	46.336	nq	98
89) Benzo(k)fluoranthene	23.98	252	1838946	45.906	nq	98
90) Benzo(a)pyrene	24.78	252	1774164	44.792	nq	98
91) Dibenzo(a,h)anthracene	28.67	278	1795782	45.956	nq	98
92) Benzo(g,h,i)perylene	29.74	276	1671144	42.329	nq	96

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

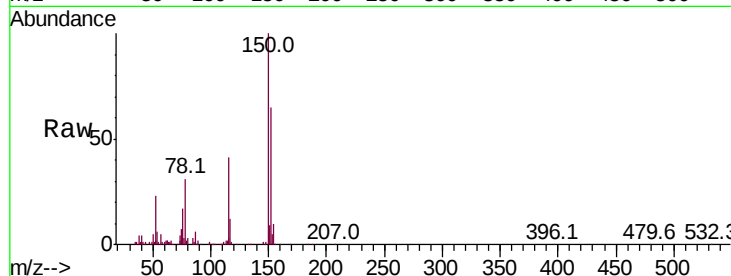


#1

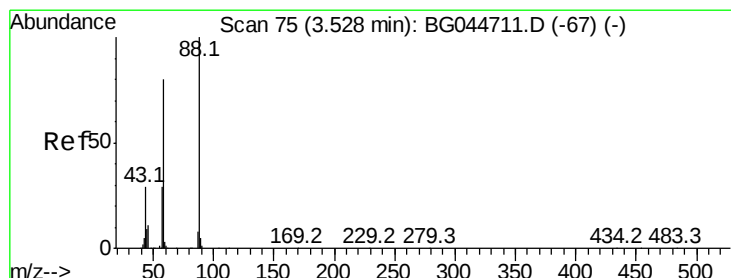
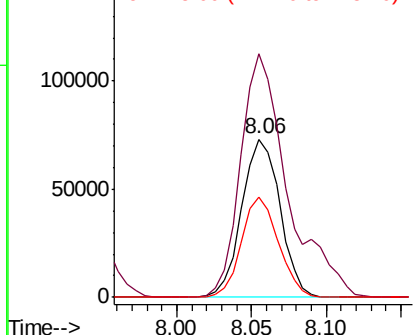
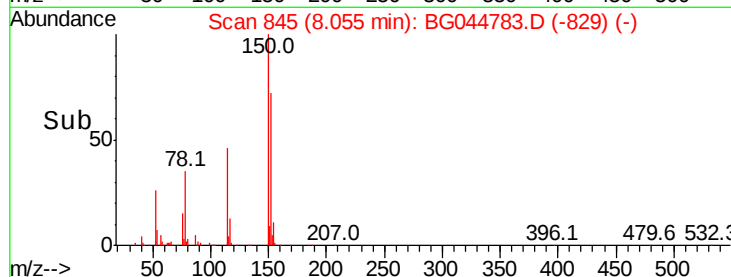
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.3	187.9
115	63.6	51.7	77.5



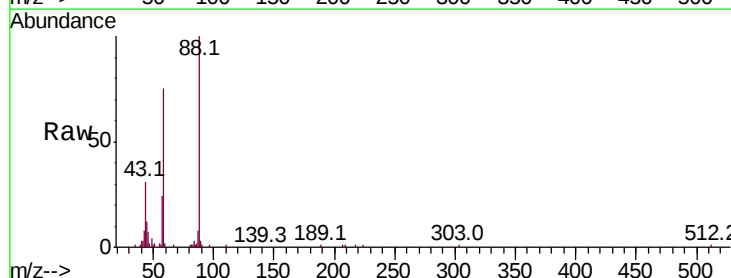
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



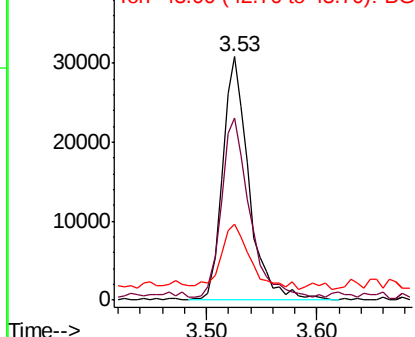
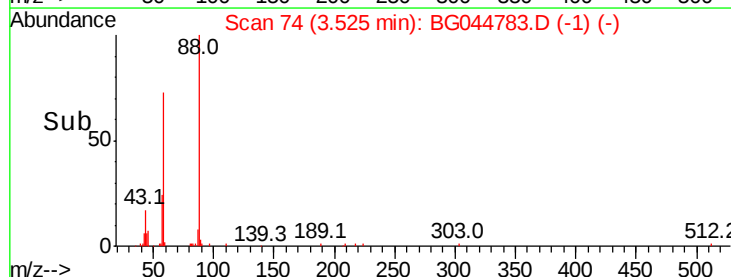
#2

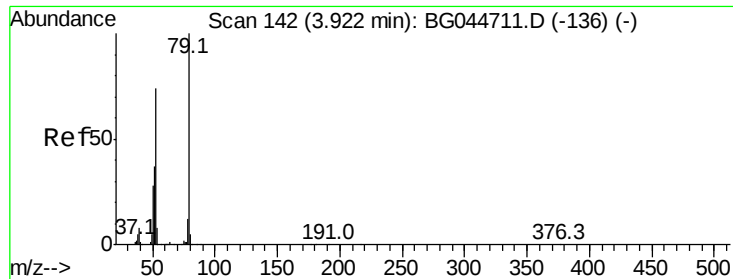
1,4-Dioxane
Concen: 12.762 ng
RT: 3.53 min Scan# 74
Delta R.T. -0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.3	63.0	94.4
43	29.8	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: 8.996 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Instrument :

BNA_G

ClientSampleId :

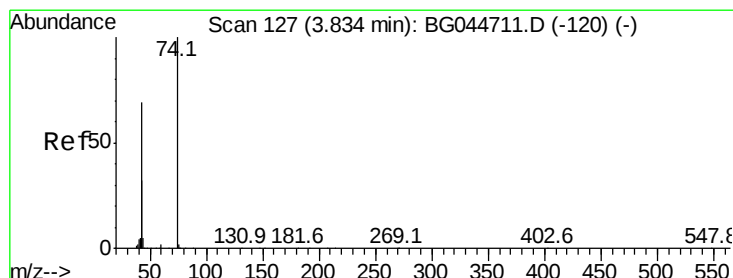
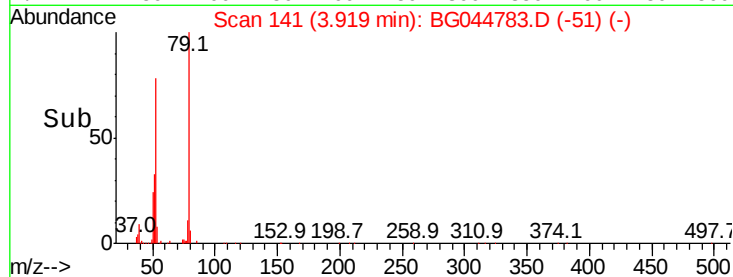
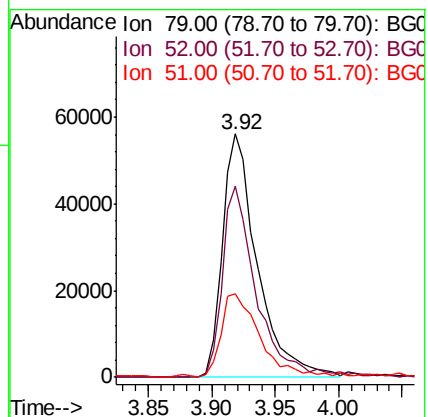
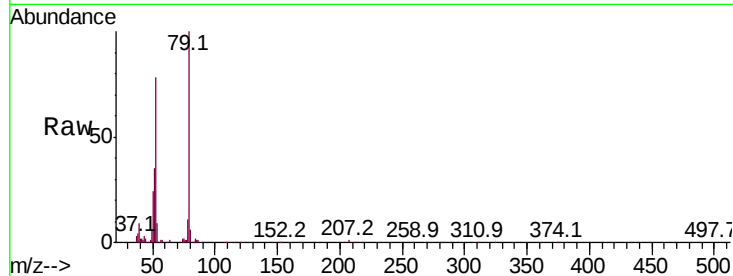
Tot Ion: 79 Resp: 106736

Ion Ratio Lower Upper

79 100

52 78.4 59.4 89.2

51 34.5 29.7 44.5



#4

n-Nitrosodimethylamine

Concen: 14.162 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

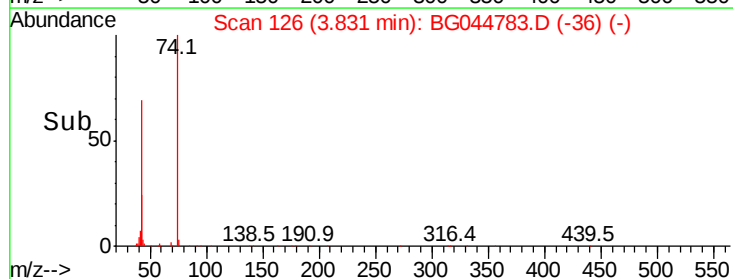
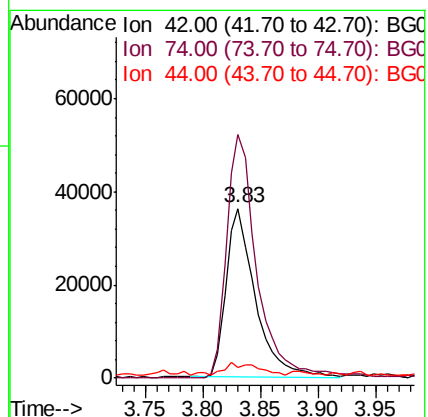
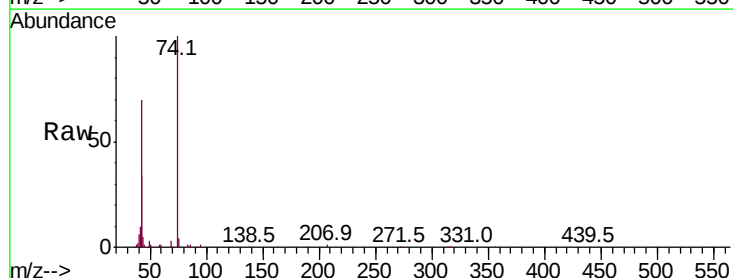
Tgt Ion: 42 Resp: 63756

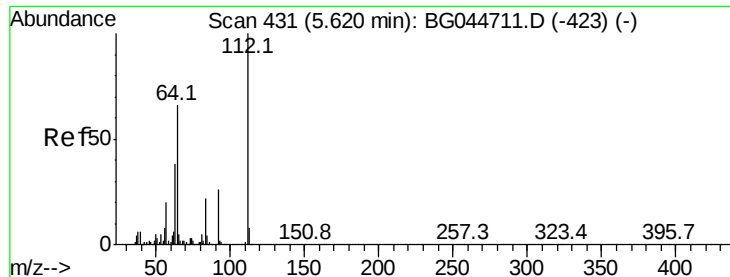
Ion Ratio Lower Upper

42 100

74 143.4 116.1 174.1

44 6.6 7.1 10.7#





#5

2-Fluorophenol

Concen: 51.068 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Instrument :

BNA_G

ClientSampleId :

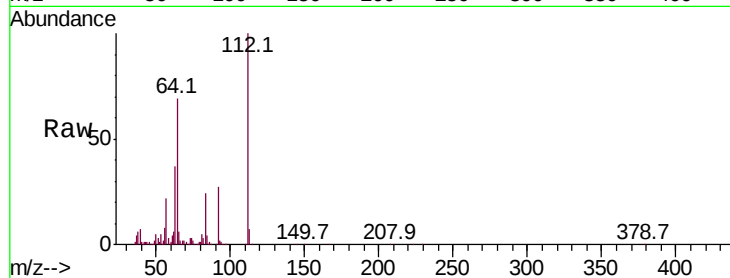
Tot Ion:112 Resp: 425053

Ion Ratio Lower Upper

112 100

64 68.8 52.6 78.8

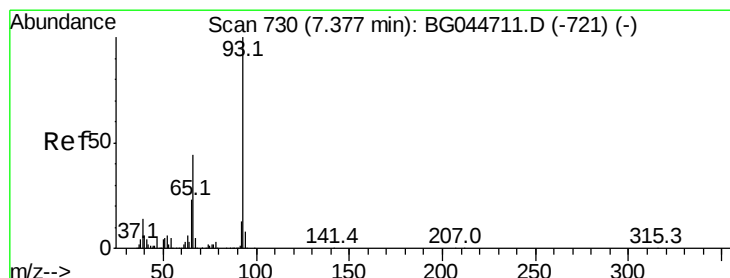
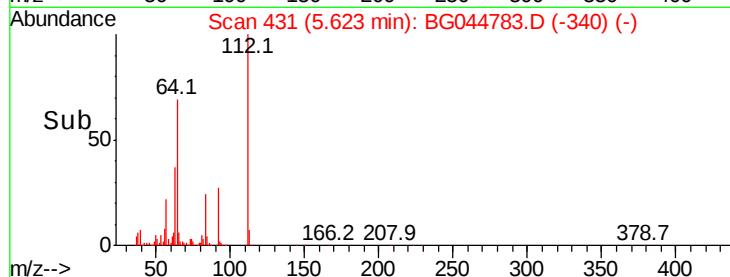
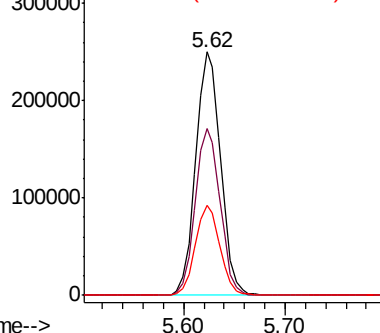
63 37.0 30.2 45.4



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: 14.499 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

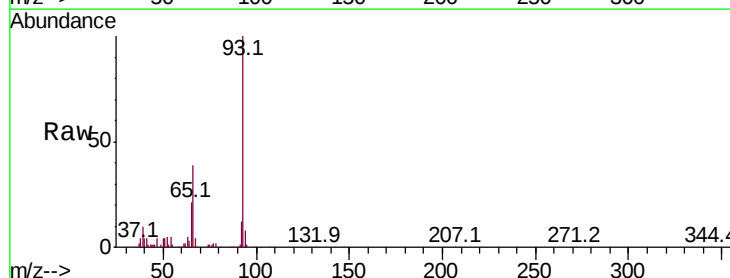
Tgt Ion: 93 Resp: 218173

Ion Ratio Lower Upper

93 100

66 39.2 35.3 52.9

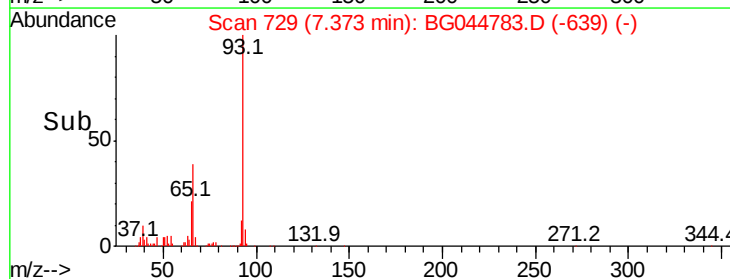
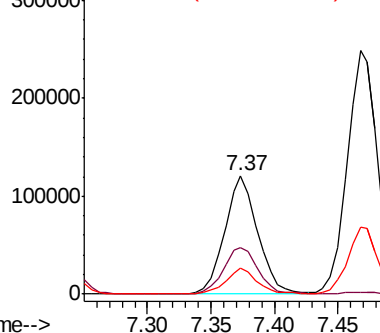
65 21.4 18.2 27.4

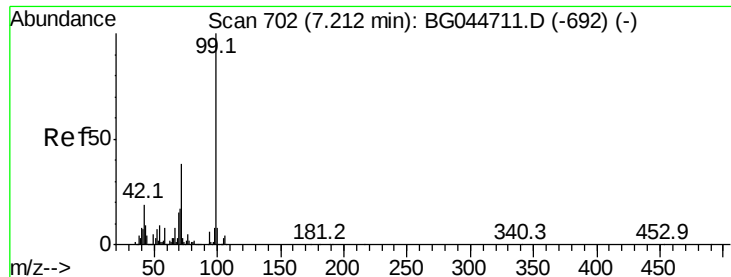


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 29.426 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Instrument :

BNA_G

ClientSampled :

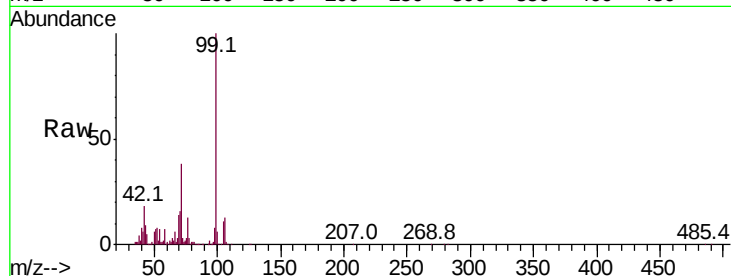
Tot Ion: 99 Resp: 355848

Ion Ratio Lower Upper

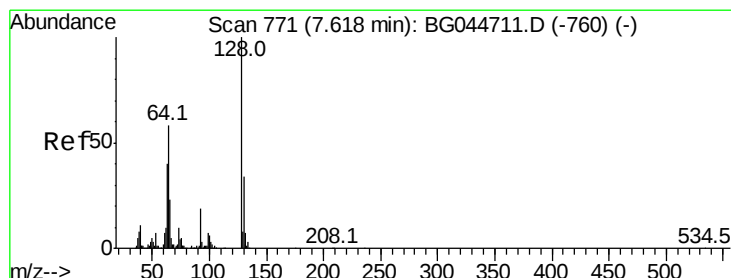
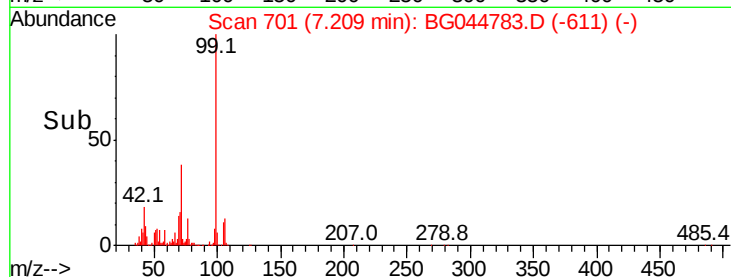
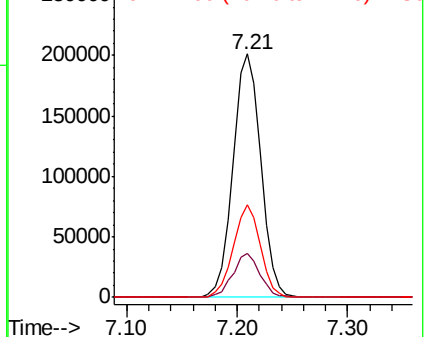
99 100

42 17.9 15.4 23.0

71 37.8 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: 39.217 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

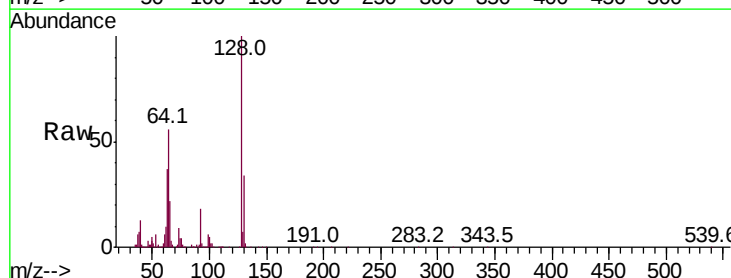
Tgt Ion:128 Resp: 325846

Ion Ratio Lower Upper

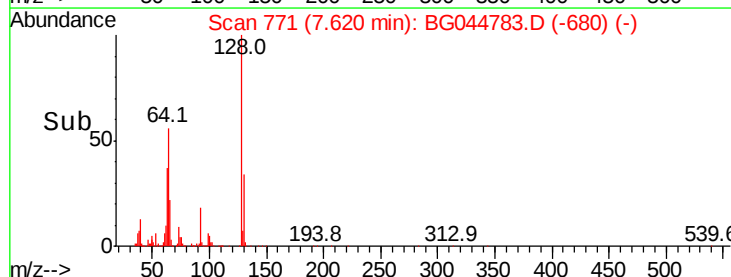
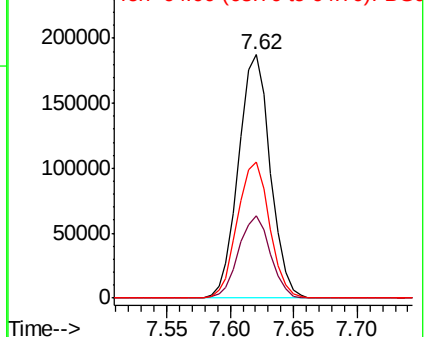
128 100

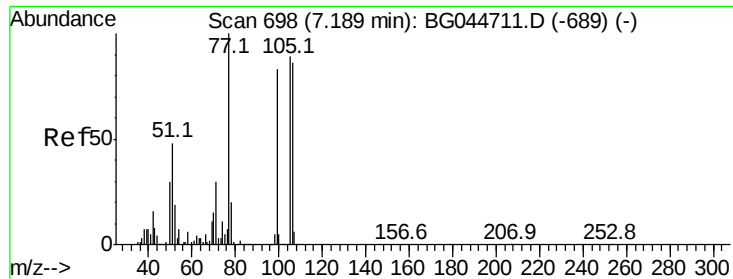
130 34.0 13.6 53.6

64 56.1 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: 46.782 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Instrument :

BNA_G

ClientSampled :

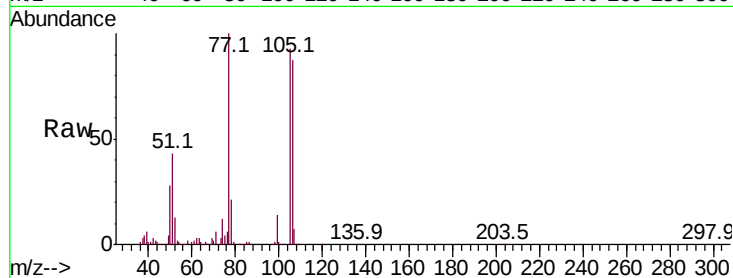
Tot Ion: 77 Resp: 328581

Ion Ratio Lower Upper

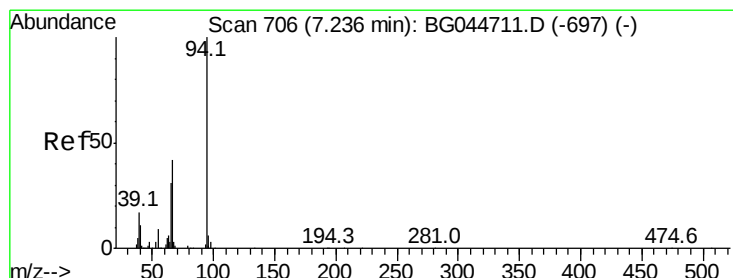
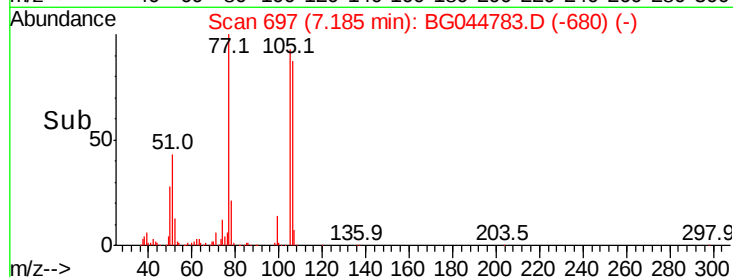
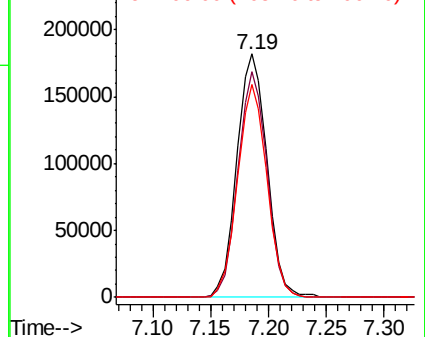
77 100

105 92.9 68.6 108.6

106 87.2 65.9 105.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 12.291 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

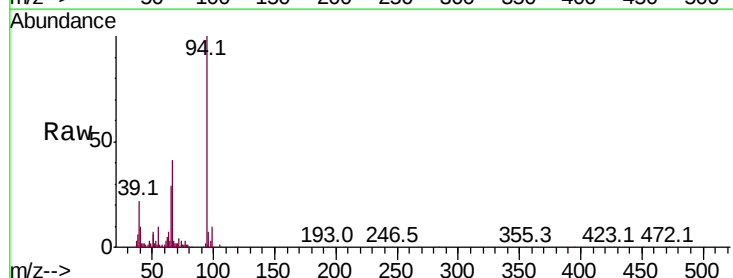
Tgt Ion: 94 Resp: 147158

Ion Ratio Lower Upper

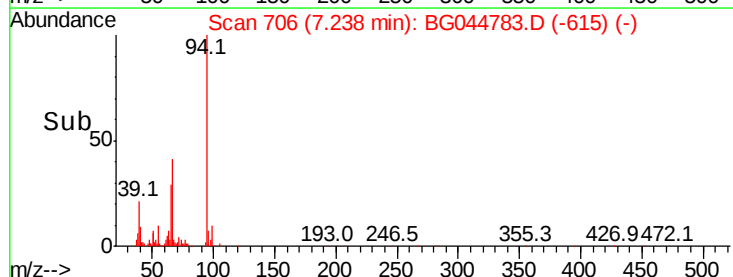
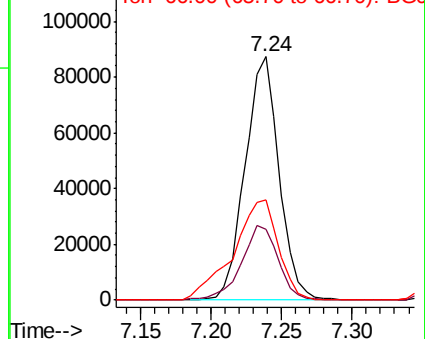
94 100

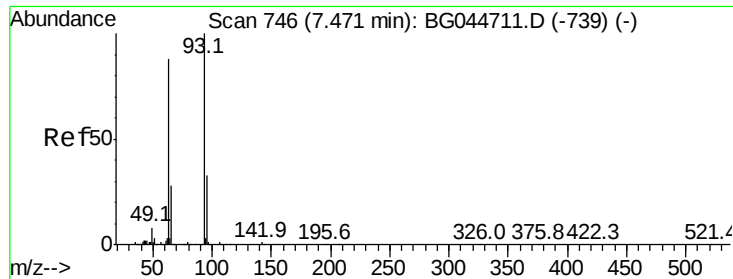
65 29.3 11.3 51.3

66 41.2 22.9 62.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

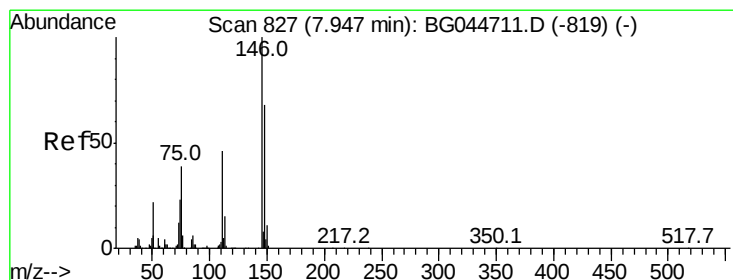
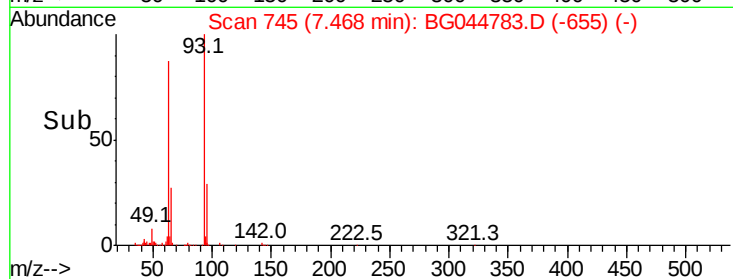
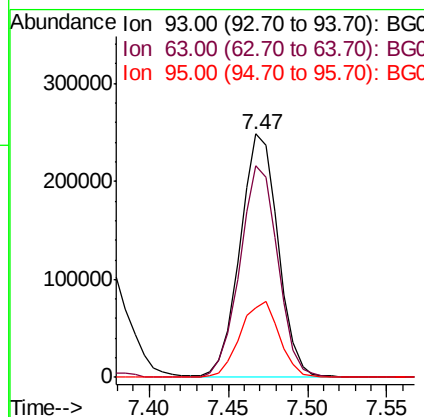
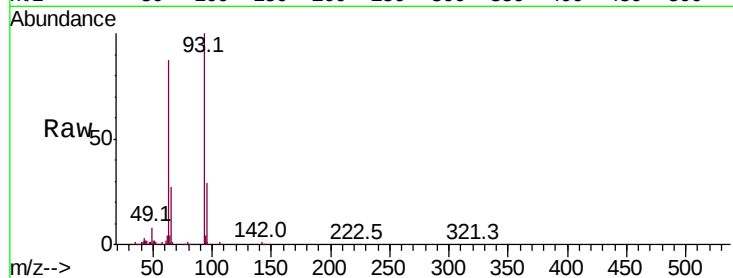




#11
 bis(2-Chloroethyl)ether
 Concen: 43.049 ng
 RT: 7.47 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BG044783.D
 Acq: 14 Mar 2020 4:12

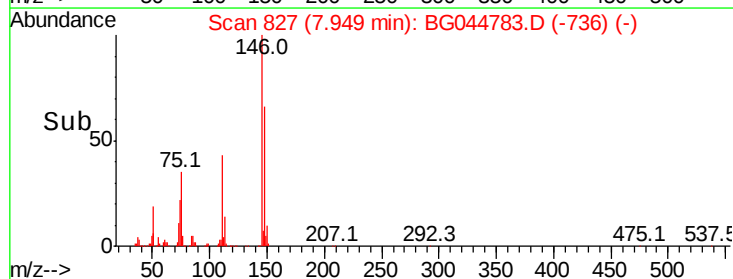
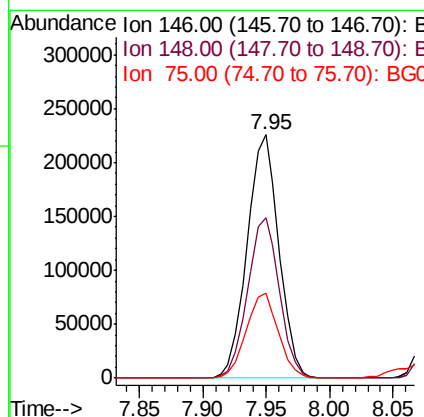
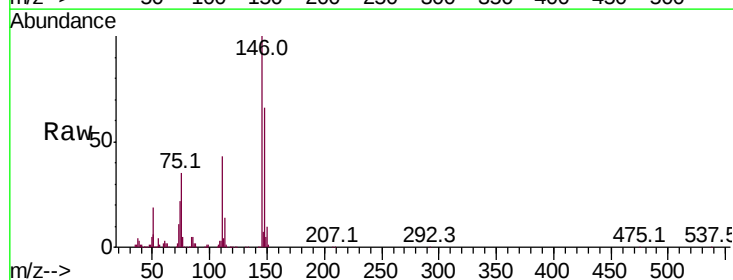
Instrument :
 BNA_G
 ClientSampleId :

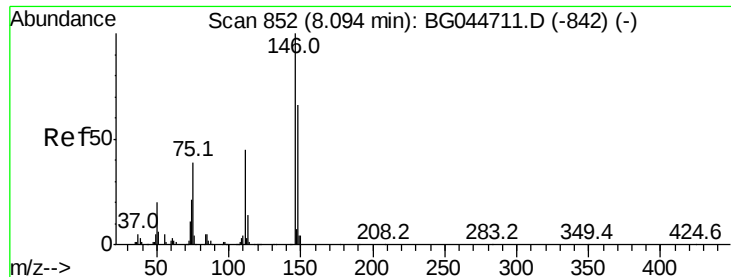
Tot Ion	Ratio	Lower	Upper
93	100		
63	86.7	68.1	108.1
95	28.8	12.4	52.4



#12
 1,3-Dichlorobenzene
 Concen: 38.300 ng
 RT: 7.95 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG044783.D
 Acq: 14 Mar 2020 4:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	54.2	81.2
75	34.7	31.3	46.9

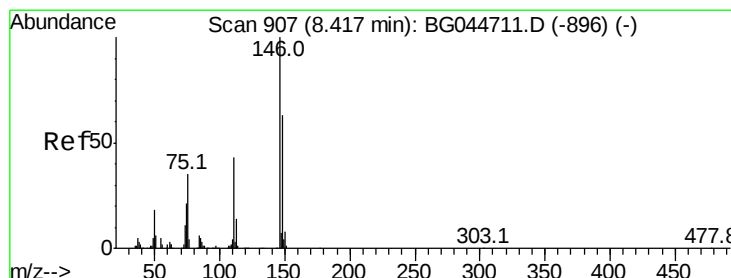
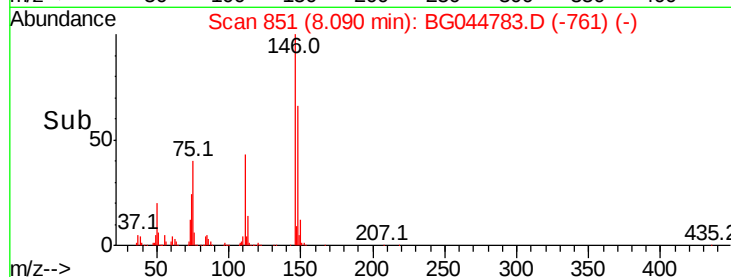
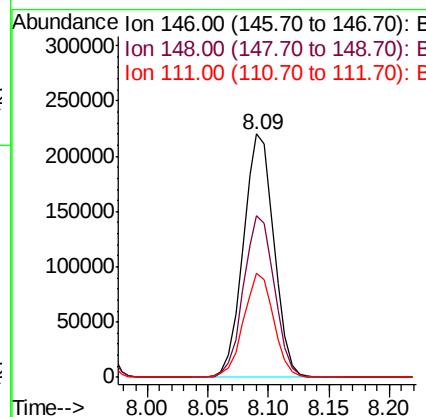
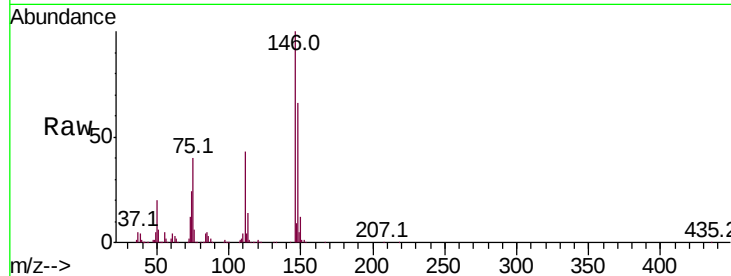




#13
 1,4-Dichlorobenzene
 Concen: 38.512 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG044783.D
 Acq: 14 Mar 2020 4:12

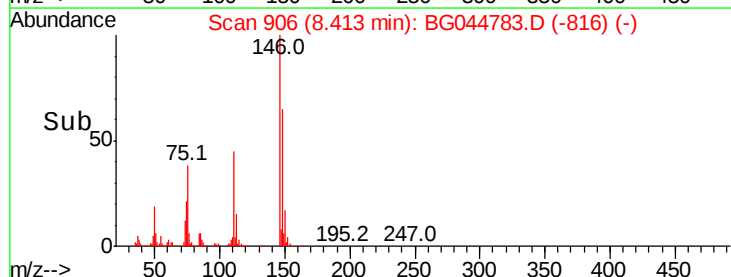
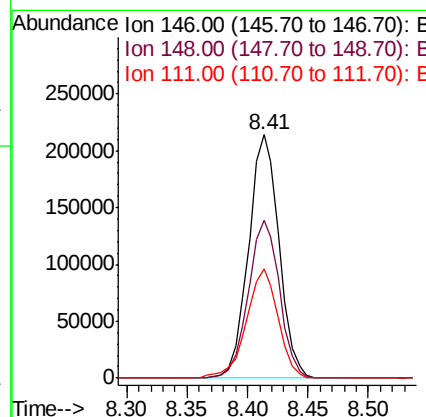
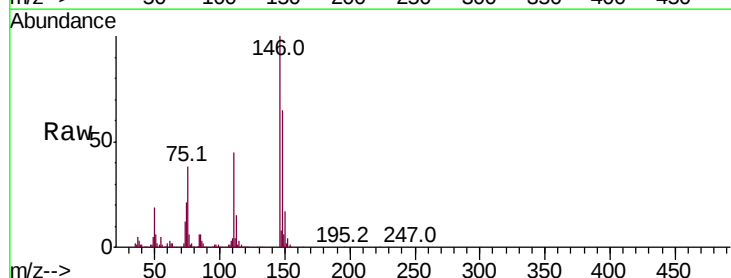
Instrument :
 BNA_G
 ClientSampled :

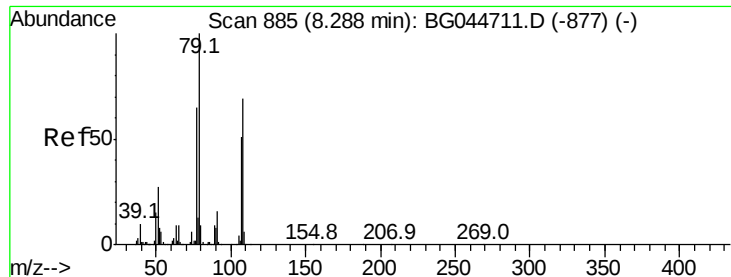
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.9	79.3
111	42.6	35.6	53.4



#14
 1,2-Dichlorobenzene
 Concen: 39.079 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG044783.D
 Acq: 14 Mar 2020 4:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.8	76.2
111	45.1	34.8	52.2





#15

Benzyl Alcohol

Concen: 25.369 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Instrument :

BNA_G

ClientSampleId :

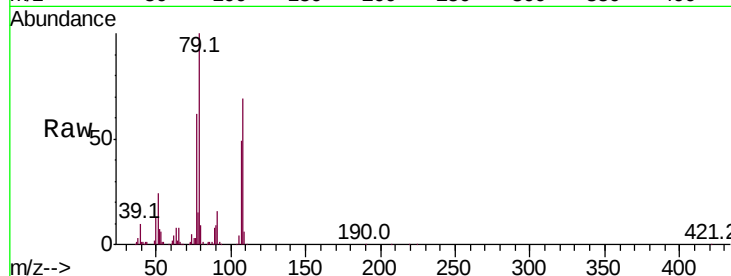
Tot Ion: 79 Resp: 246147

Ion Ratio Lower Upper

79 100

108 68.8 55.4 83.0

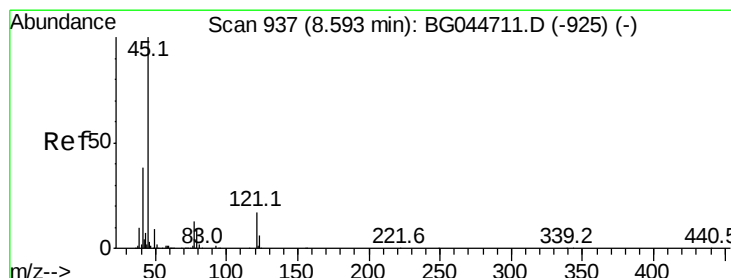
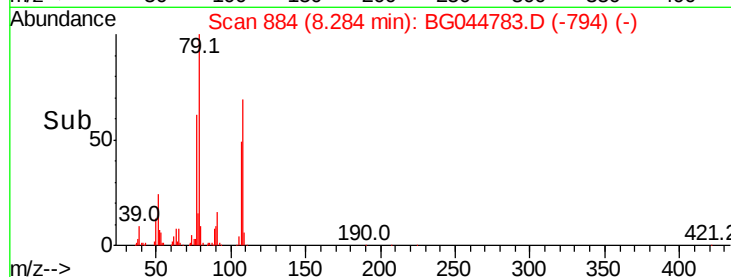
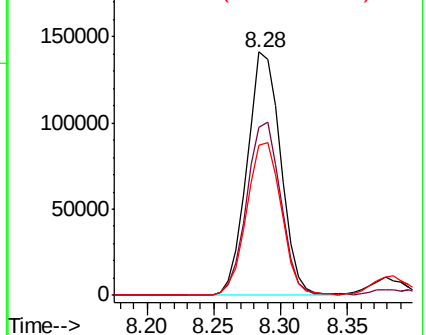
77 61.8 52.2 78.4



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: 38.659 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

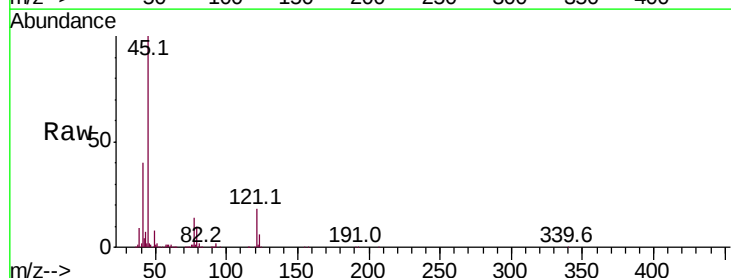
Tgt Ion: 45 Resp: 651867

Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.4

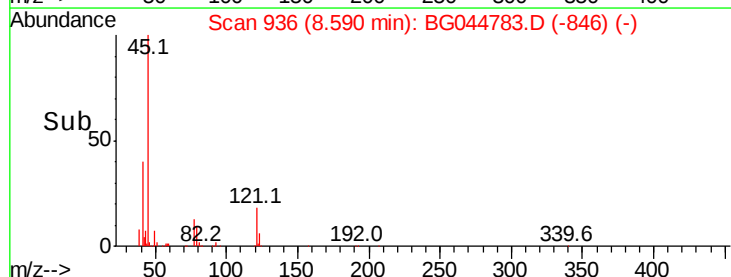
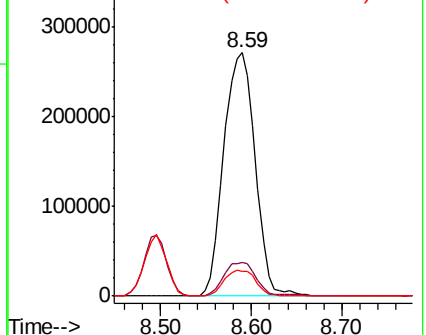
79 10.0 0.0 30.0

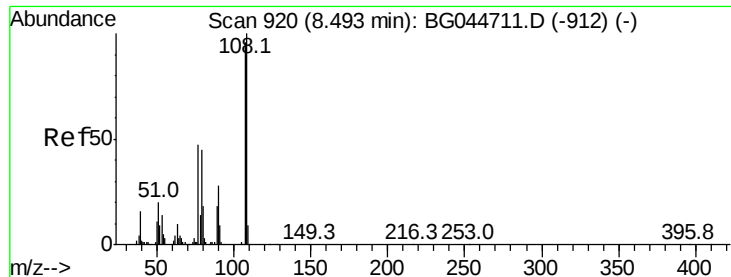


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

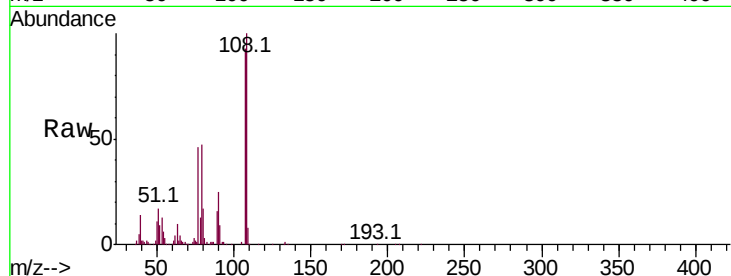




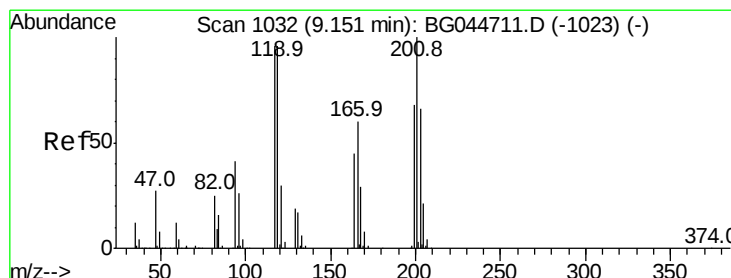
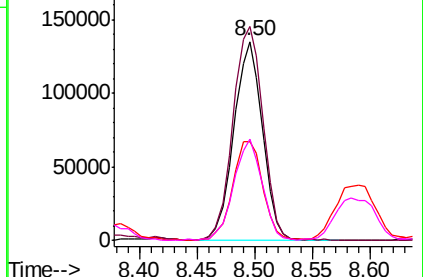
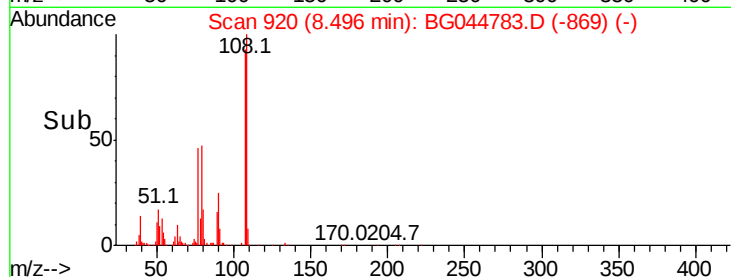
#17
2-Methylphenol
Concen: 28.676 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	232560
Ion	Ratio	Lower	Upper
107	100		
108	107.5	83.2	124.8
77	49.7	39.0	58.6
79	50.8	37.6	56.4

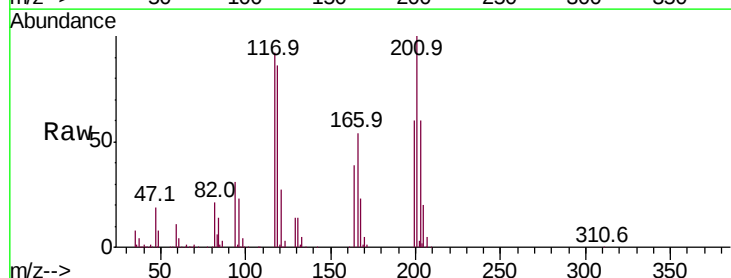


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

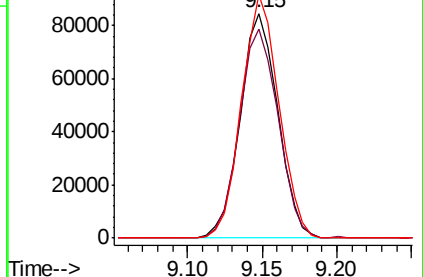
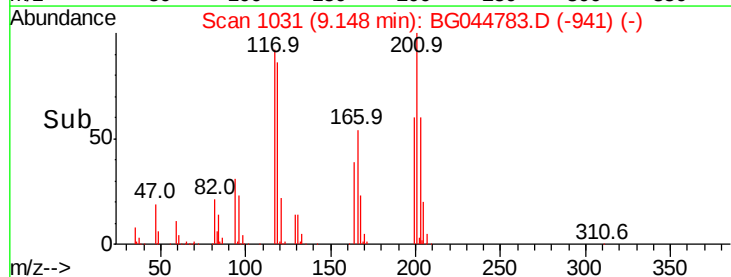


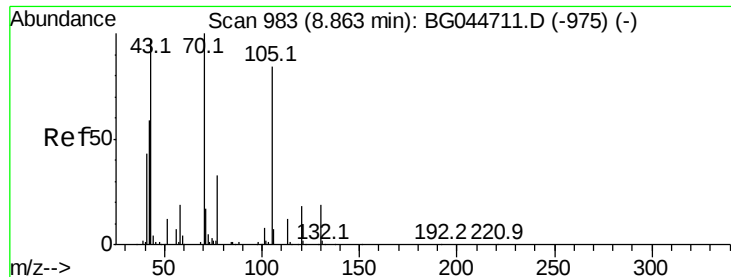
#18
Hexachloroethane
Concen: 37.006 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Tgt Ion:	117	Resp:	147420
Ion	Ratio	Lower	Upper
117	100		
119	93.0	80.2	120.4
201	108.5	83.4	125.2



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

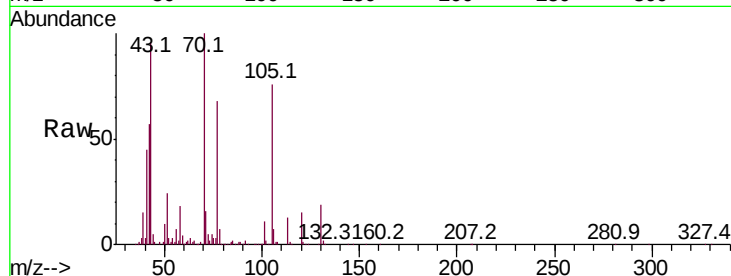




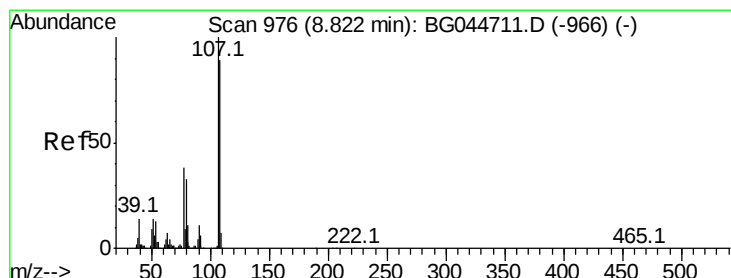
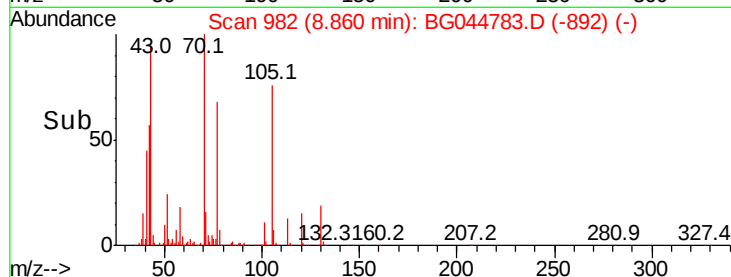
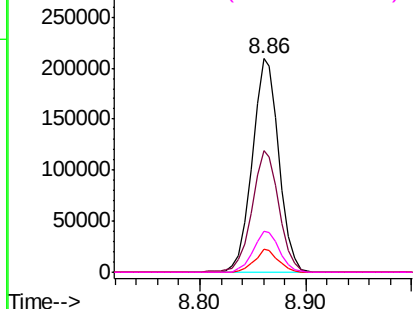
#19
n-Nitroso-di-n-propylamine
Concen: 42.790 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 365386
Ion Ratio Lower Upper
70 100
42 57.0 47.6 71.4
101 10.7 6.5 9.7#
130 19.0 15.0 22.4

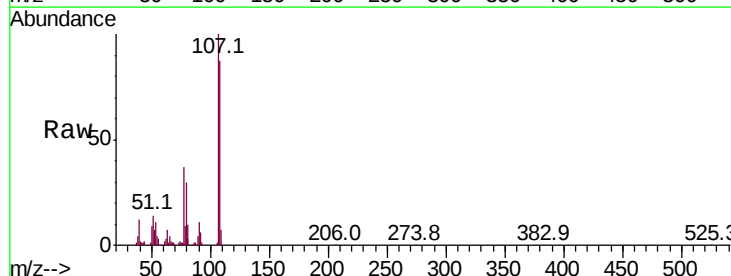


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

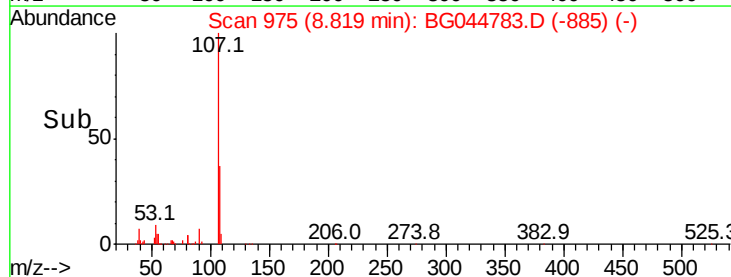
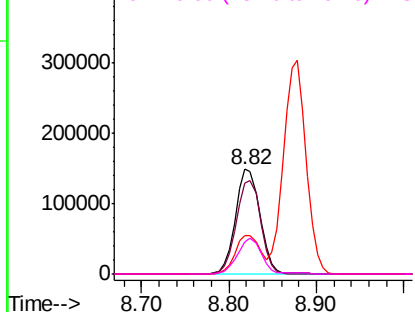


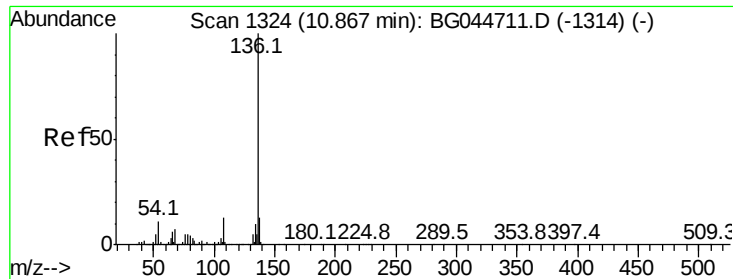
#20
3+4-Methylphenols
Concen: 25.281 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Tgt Ion: 107 Resp: 282628
Ion Ratio Lower Upper
107 100
108 87.1 69.1 109.1
77 37.0 17.7 57.7
79 30.4 13.0 53.0



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

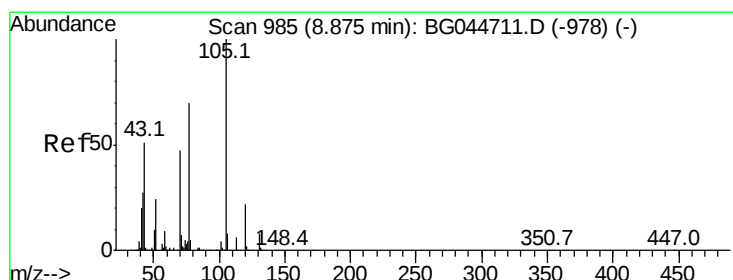
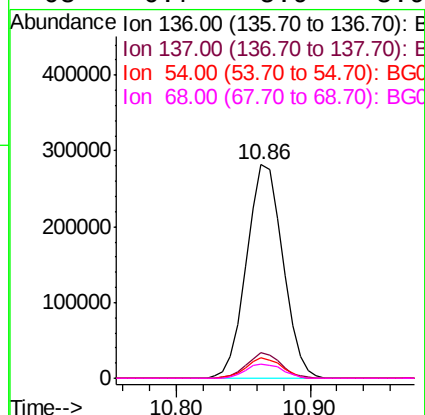
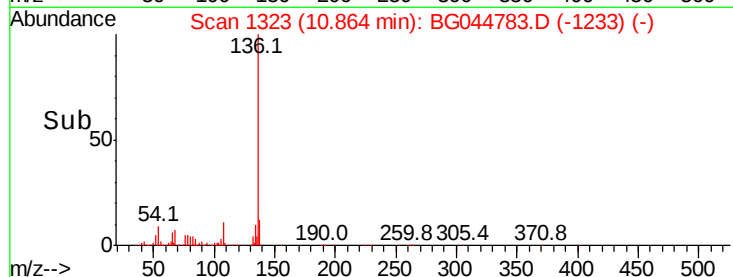
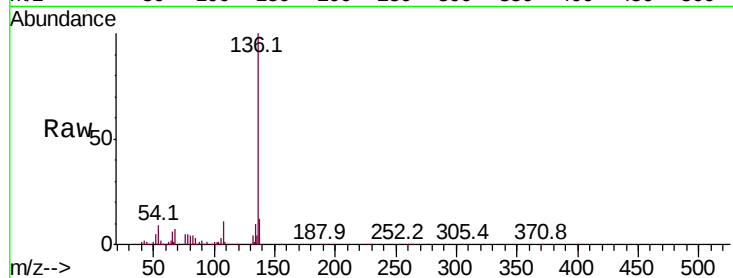




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

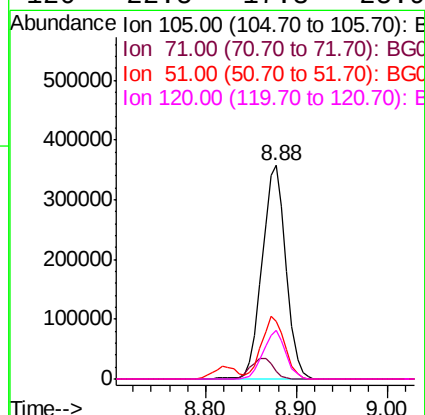
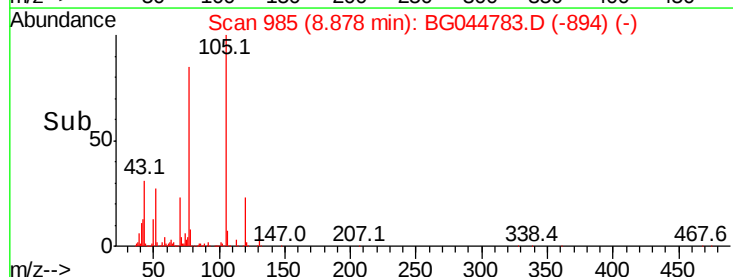
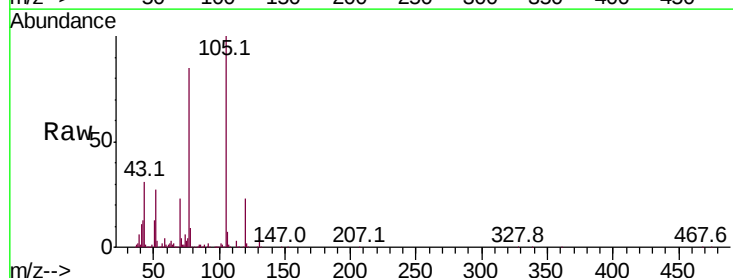
Instrument :
BNA_G
ClientSampleId :

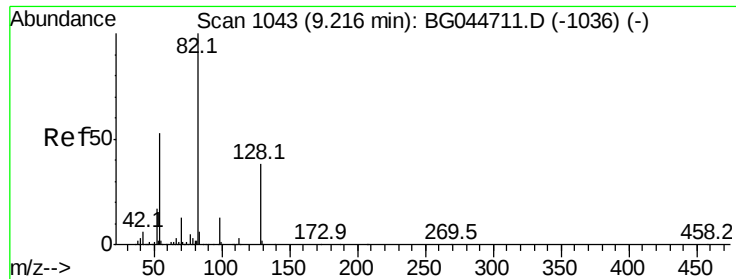
Tot Ion:136	Resp: 528777
Ion Ratio	Lower Upper
136 100	
137 11.8	10.7 16.1
54 9.4	9.0 13.4
68 6.7	5.9 8.9



#22
Acetophenone
Concen: 43.278 ng
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Tgt	Ion:105	Resp:	648308
Ion	Ratio	Lower	Upper
105	100		
71	3.8	5.8	8.8#
51	27.1	23.8	35.8
120	22.5	17.3	25.9





#23

Nitrobenzene-d5

Concen: 82.433 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Instrument :

BNA_G

ClientSampleId :

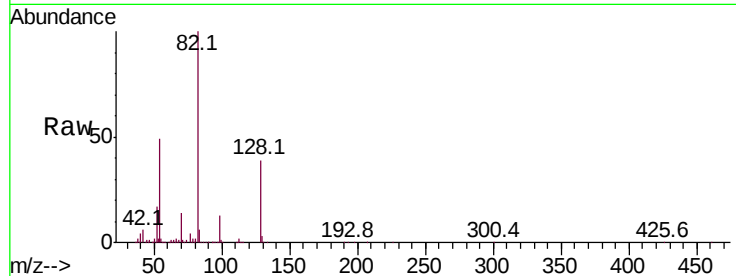
Tot Ion: 82 Resp: 993330

Ion Ratio Lower Upper

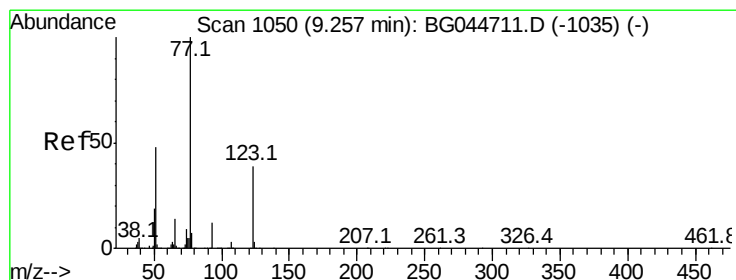
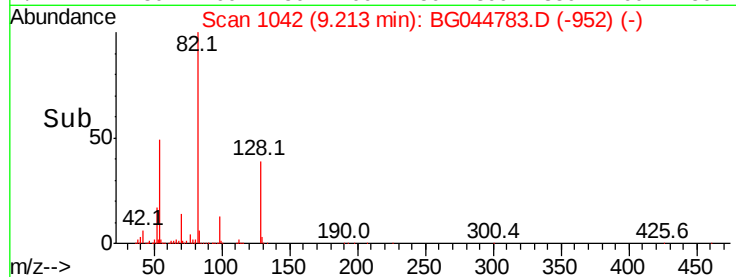
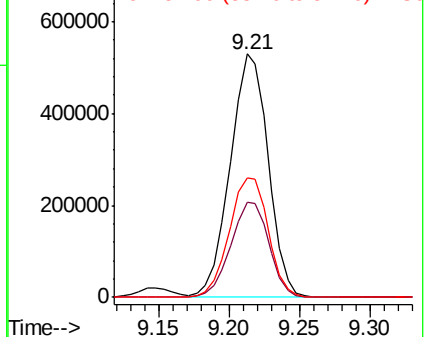
82 100

128 39.2 30.2 45.2

54 49.1 41.8 62.8



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



#24

Nitrobenzene

Concen: 43.593 ng

RT: 9.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

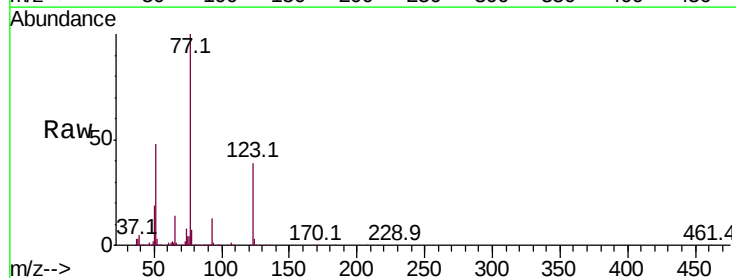
Tgt Ion: 77 Resp: 545055

Ion Ratio Lower Upper

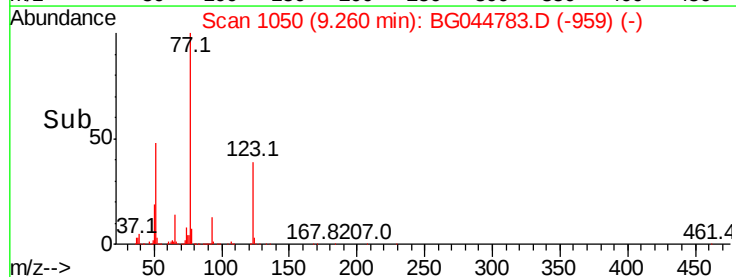
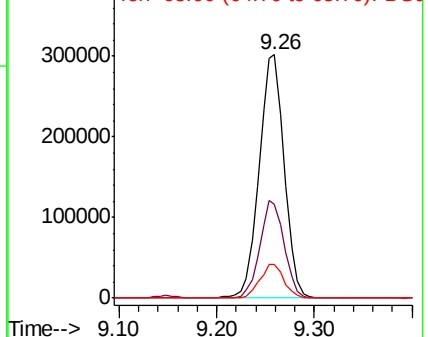
77 100

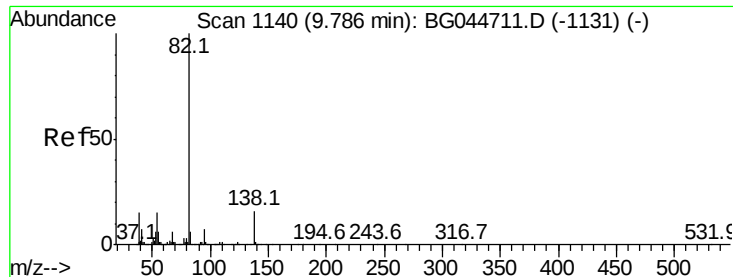
123 38.7 31.5 47.3

65 13.6 11.0 16.4



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





#25

Isophorone

Concen: 42.177 ng

RT: 9.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Instrument :

BNA_G

ClientSampleId :

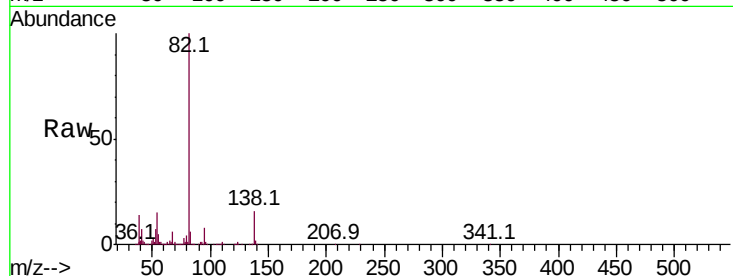
Tot Ion: 82 Resp: 991929

Ion Ratio Lower Upper

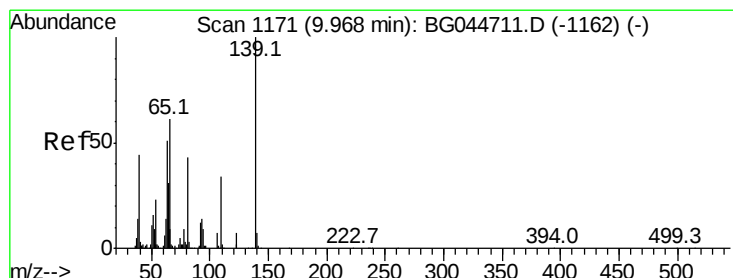
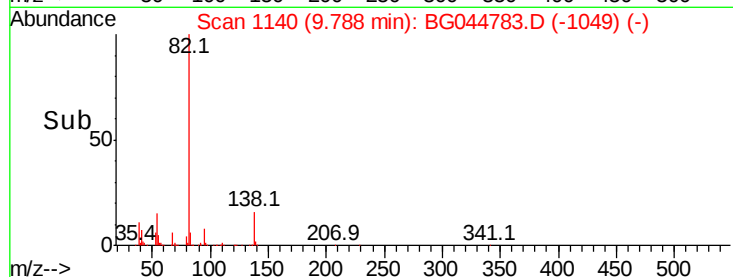
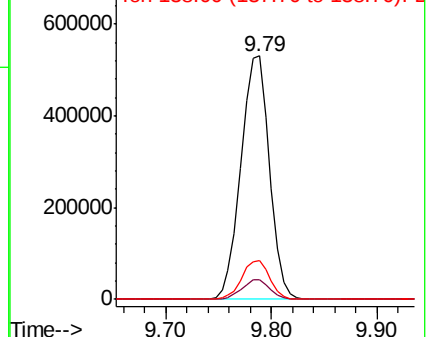
82 100

95 8.2 5.6 8.4

138 15.7 13.0 19.4



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



#26

2-Nitrophenol

Concen: 50.208 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

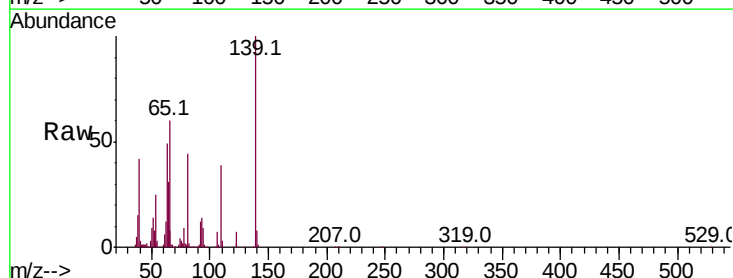
Tgt Ion: 139 Resp: 219188

Ion Ratio Lower Upper

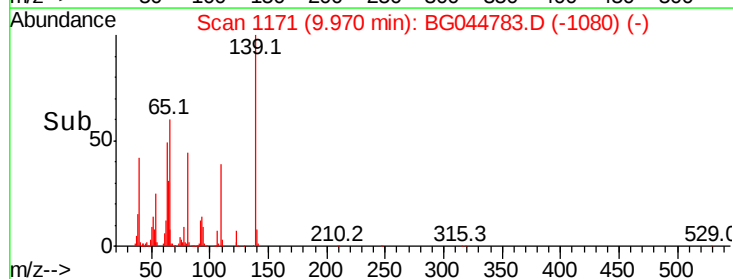
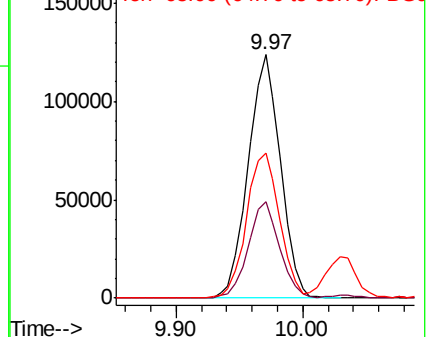
139 100

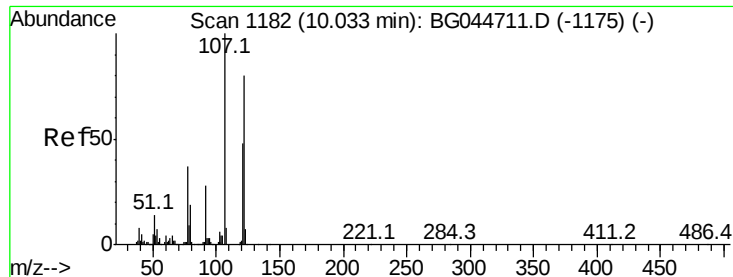
109 39.4 27.0 40.4

65 59.6 48.6 73.0



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

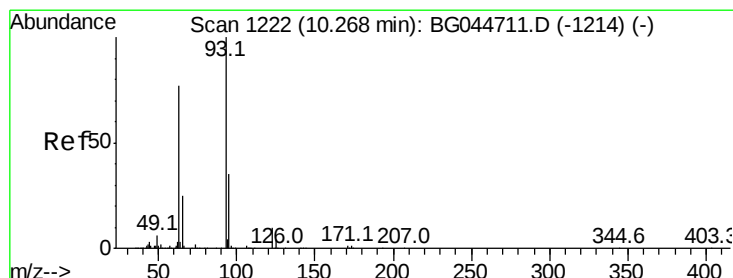
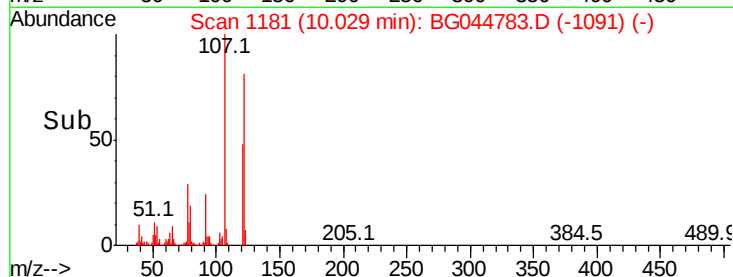
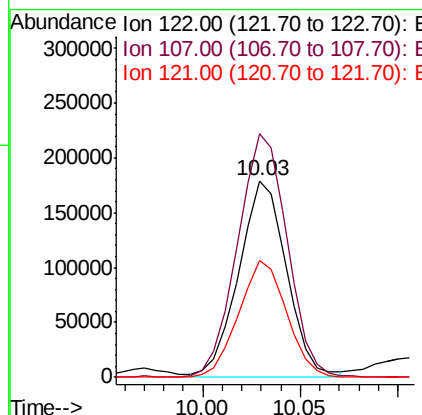
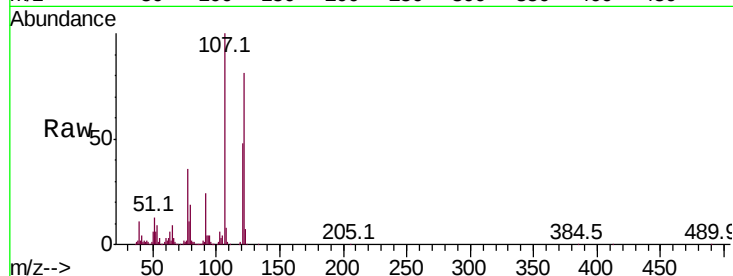




#27
2,4-Dimethylphenol
Concen: 39.768 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

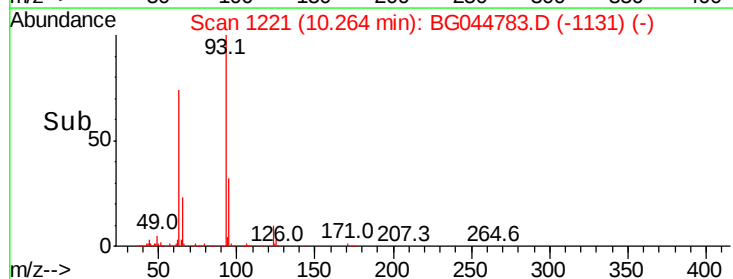
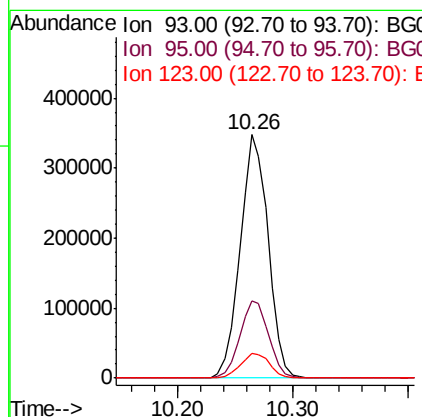
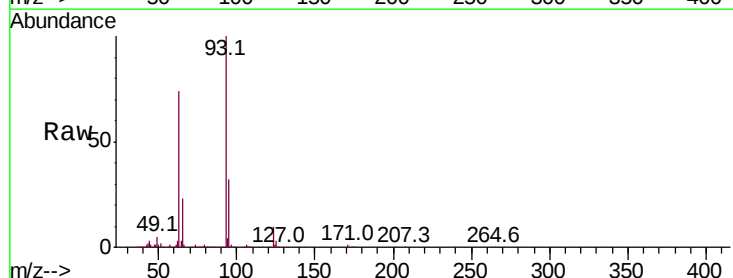
Instrument :
BNA_G
ClientSampled :

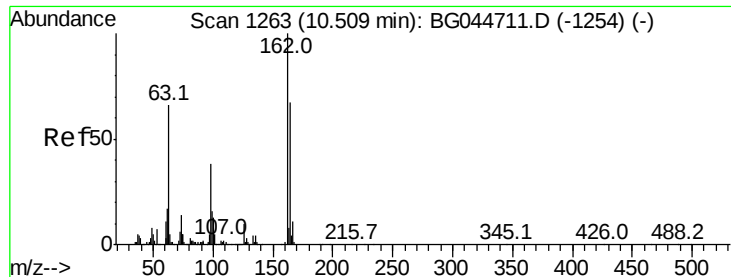
Tot Ion	Ratio	Lower	Upper
122	100		
107	123.7	99.0	148.6
121	59.3	47.6	71.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.427 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	27.7	41.5
123	10.3	8.1	12.1

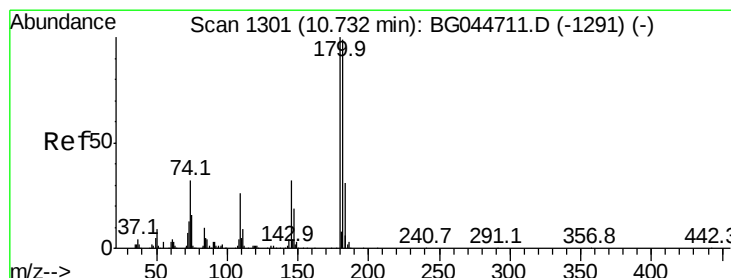
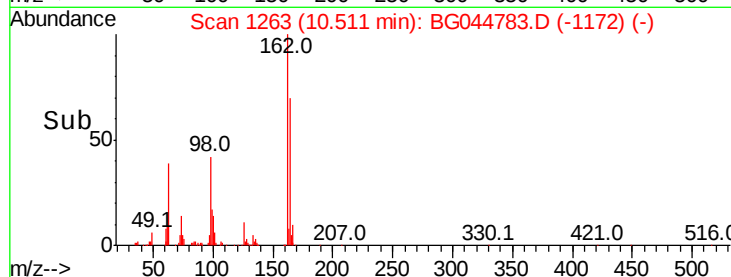
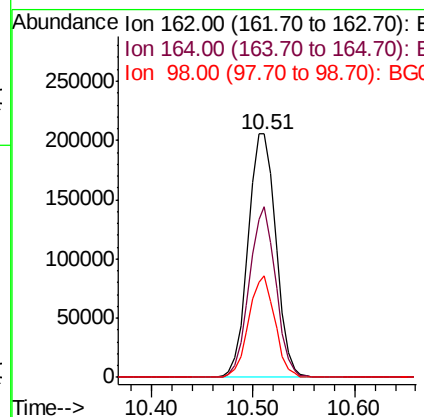
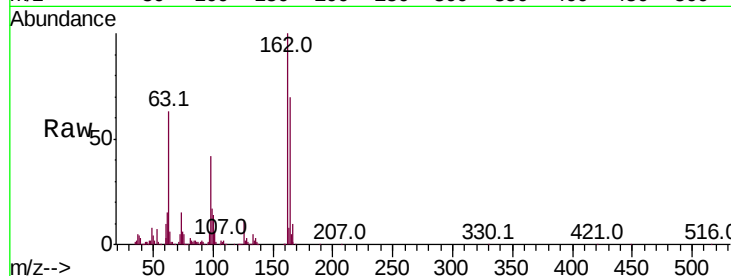




#29
 2,4-Dichlorophenol
 Concen: 43.547 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BG044783.D
 Acq: 14 Mar 2020 4:12

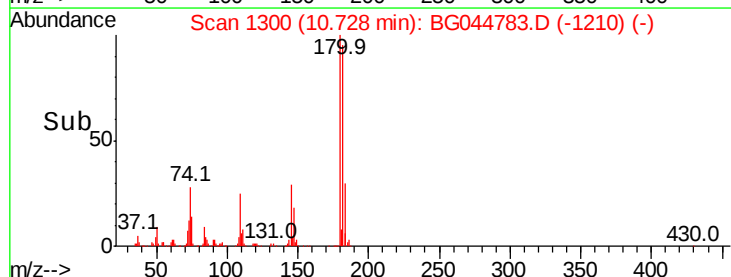
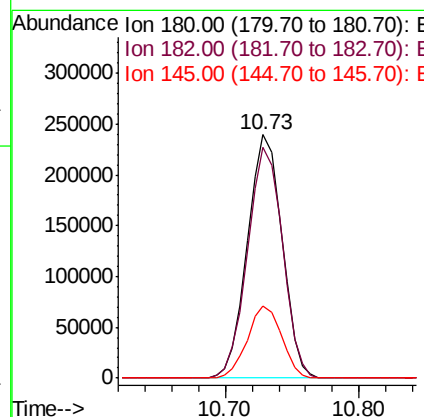
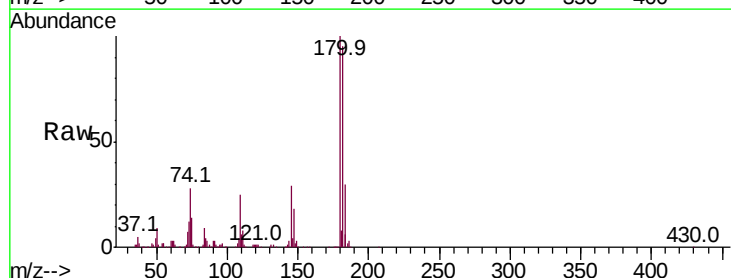
Instrument :
 BNA_G
 ClientSampleId :

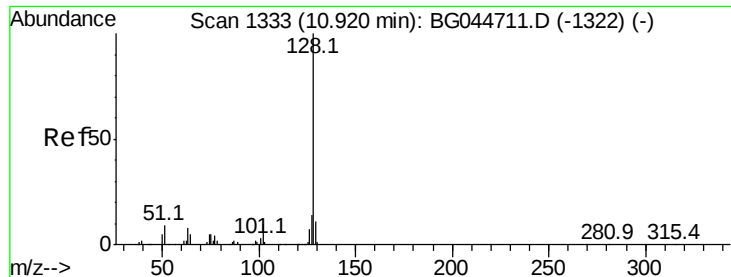
Tot Ion	Ratio	Lower	Upper
162	100		
164	70.1	46.5	86.5
98	41.8	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.159 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG044783.D
 Acq: 14 Mar 2020 4:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	78.8	118.2
145	29.5	25.4	38.0

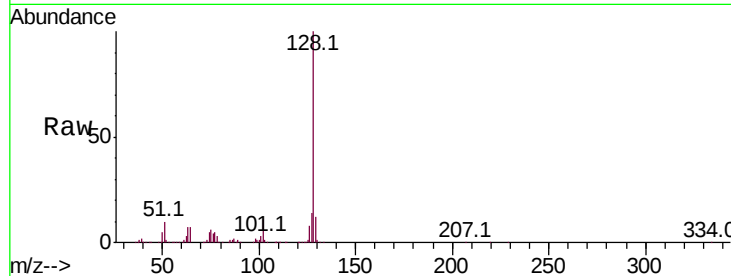




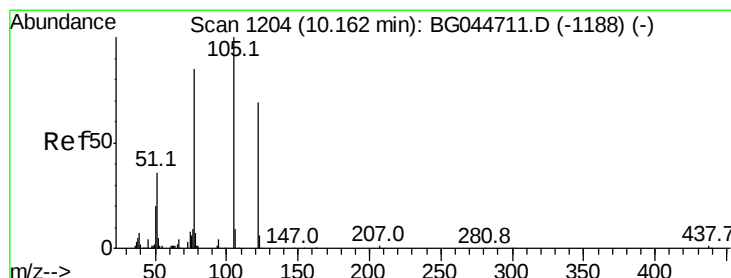
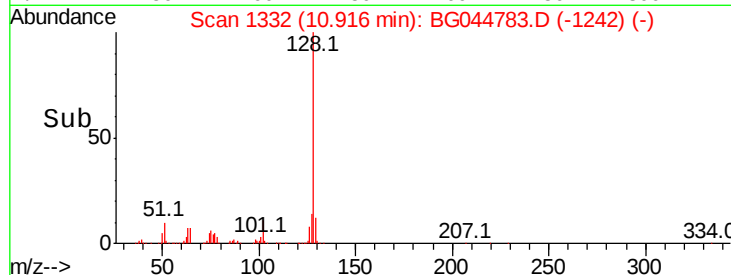
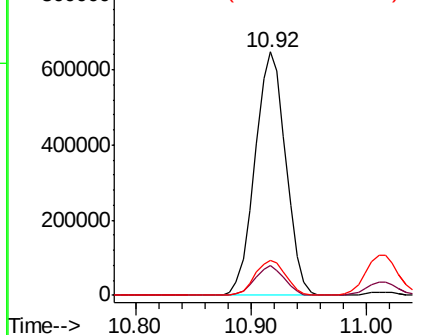
#31
Naphthalene
Concen: 40.942 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 1199274
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.4
127 14.3 11.0 16.6

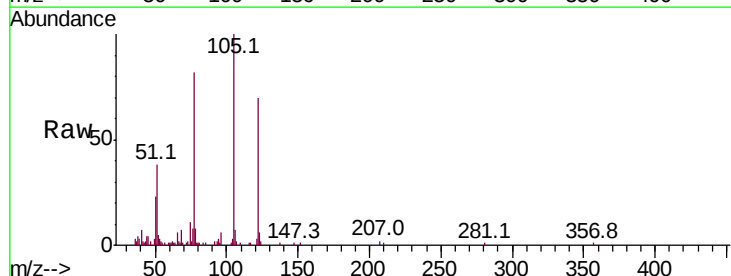


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

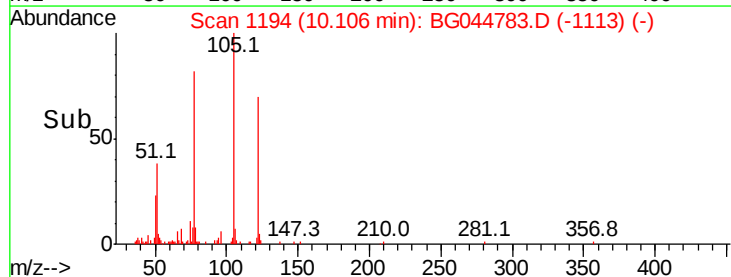
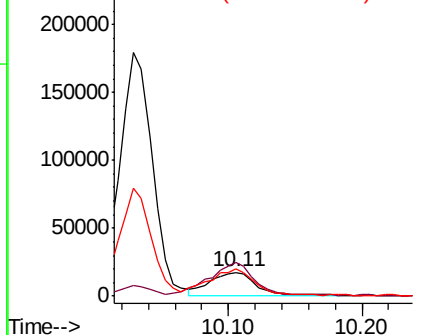


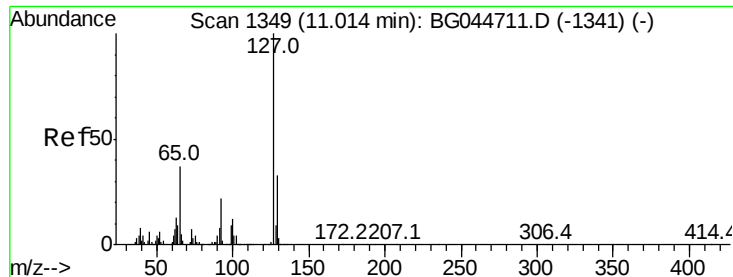
#32
Benzoic acid
Concen: 15.257 ng
RT: 10.11 min Scan# 1194
Delta R.T. -0.06 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Tgt Ion:122 Resp: 41749
Ion Ratio Lower Upper
122 100
105 142.6 119.0 159.0
77 116.6 96.4 136.4



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

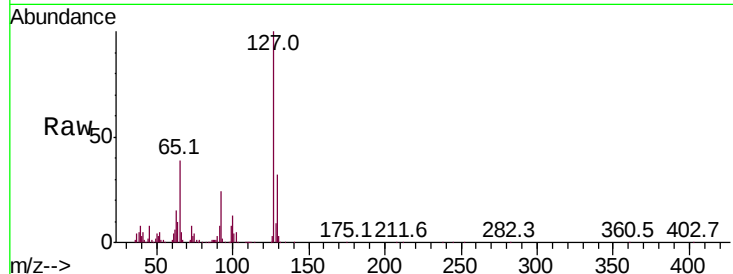




#33
4-Chloroaniline
Concen: 15.932 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	210254
Ion Ratio	Lower	Upper
127	100	
129	31.9	26.2 39.4
65	38.6	29.6 44.4
92	23.5	17.4 26.0



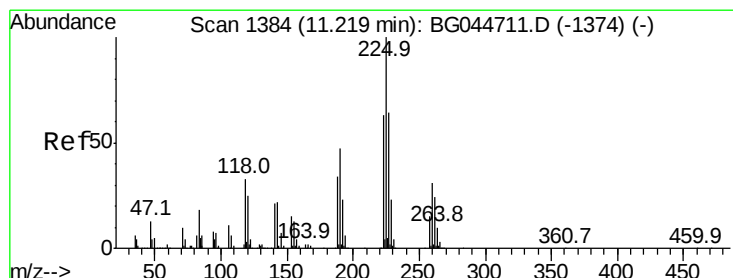
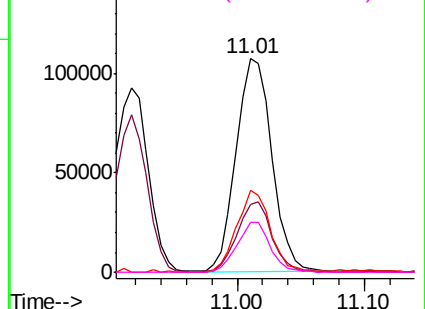
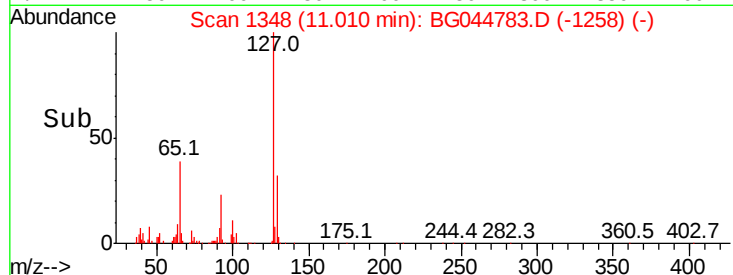
Abundance

Ion 129.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

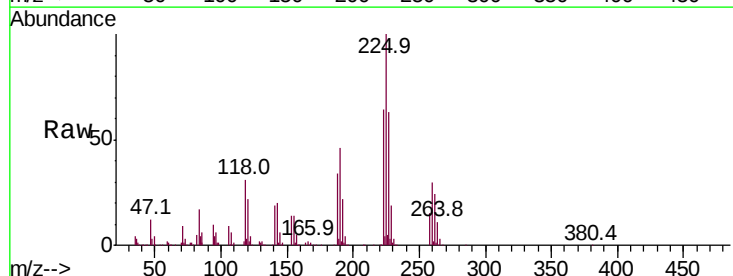
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.174 ng
RT: 11.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Tgt Ion:225	Resp:	261486
Ion Ratio	Lower	Upper
225	100	
223	64.1	50.6 76.0
227	63.1	51.6 77.4

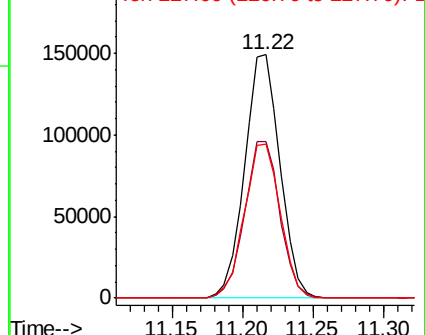
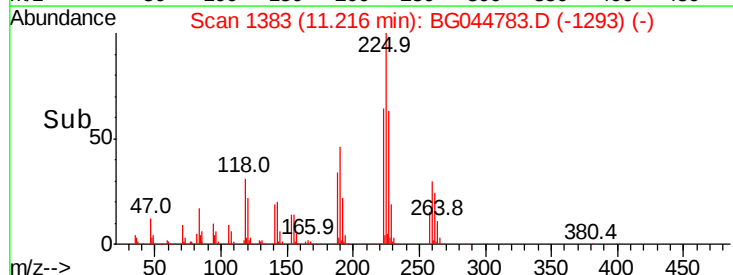


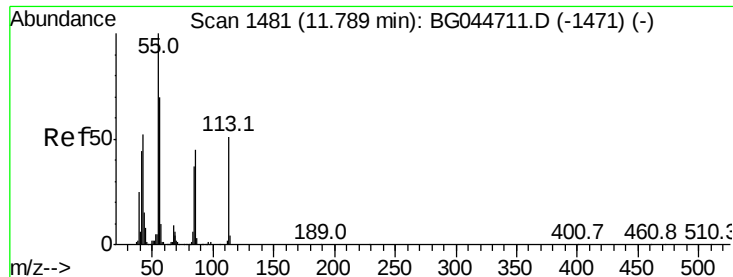
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

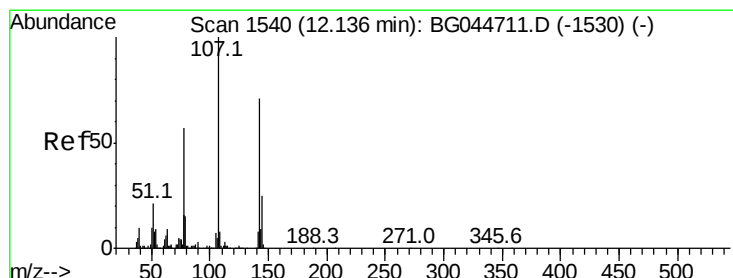
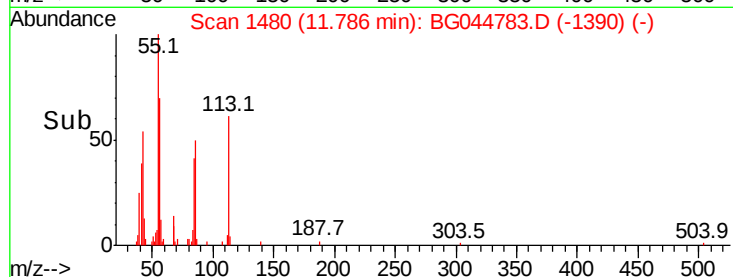
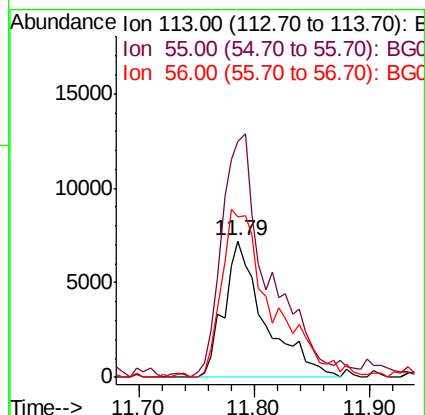
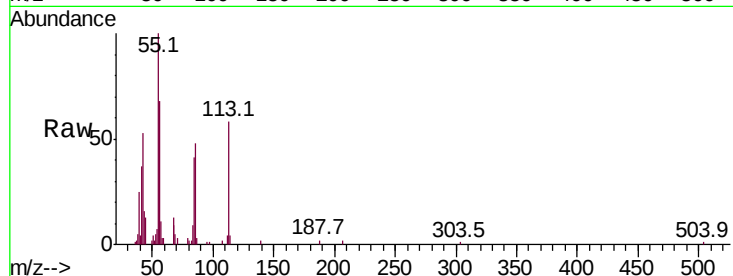




#35
 Caprolactam
 Concen: 5.229 ng
 RT: 11.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BG044783.D
 Acq: 14 Mar 2020 4:12

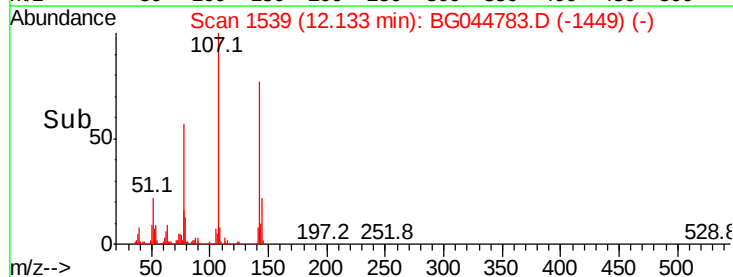
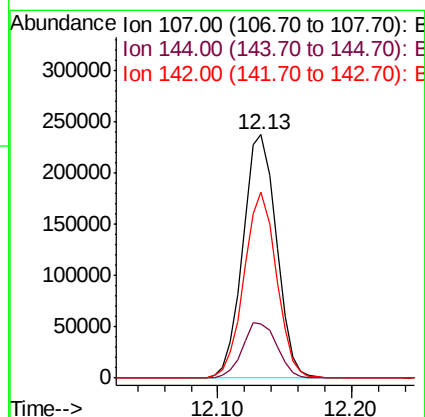
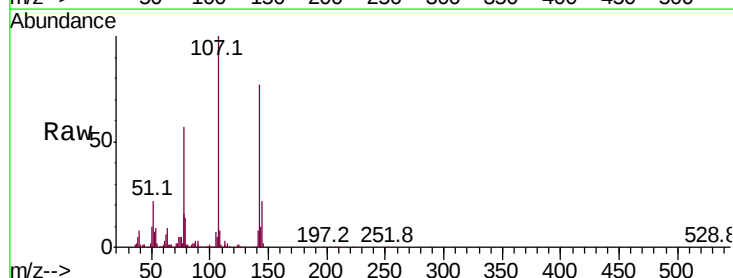
Instrument :
 BNA_G
 ClientSampleId :

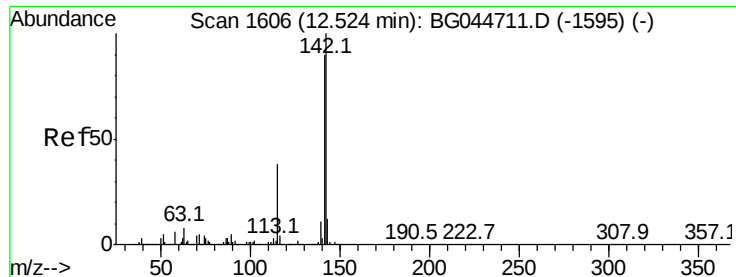
Tot Ion:113 Resp: 17711
 Ion Ratio Lower Upper
 113 100
 55 172.7 178.4 218.4#
 56 117.7 117.7 157.7#



#36
 4-Chloro-3-methylphenol
 Concen: 38.583 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BG044783.D
 Acq: 14 Mar 2020 4:12

Tgt Ion:107 Resp: 411639
 Ion Ratio Lower Upper
 107 100
 144 22.3 19.6 29.4
 142 76.6 56.5 84.7

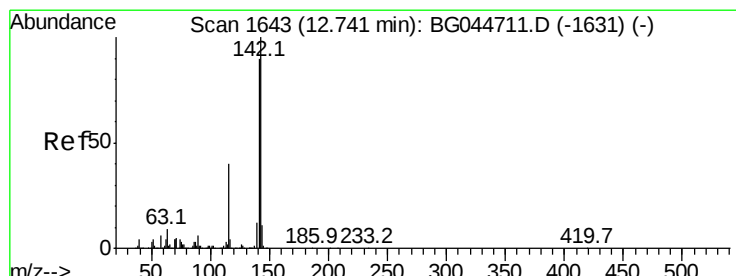
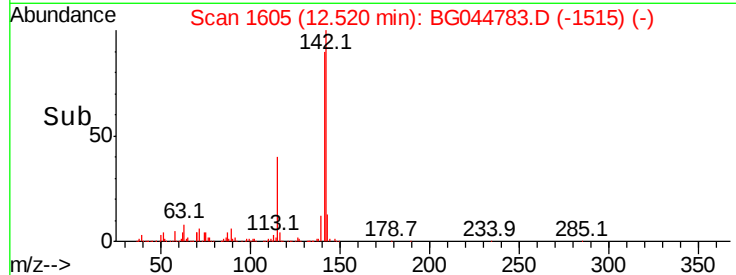
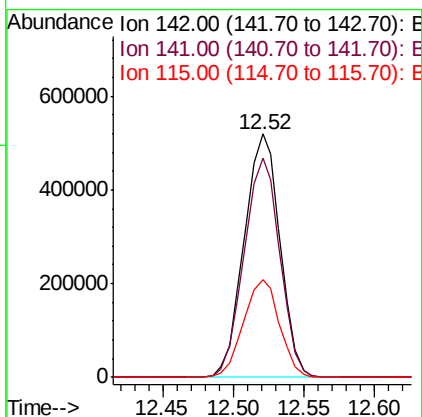
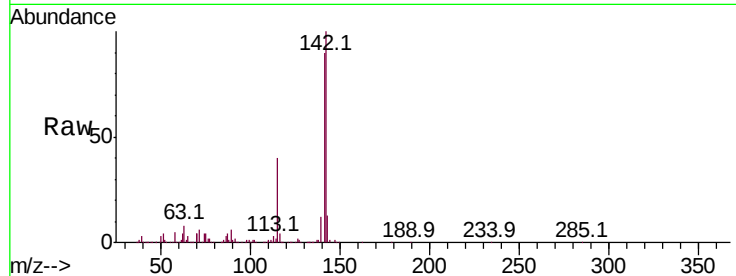




#37
 2-Methylnaphthalene
 Concen: 42.138 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BG044783.D
 Acq: 14 Mar 2020 4:12

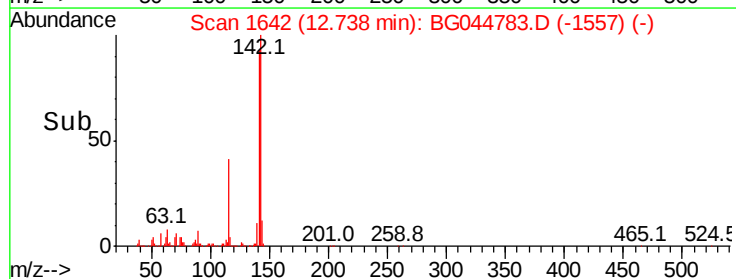
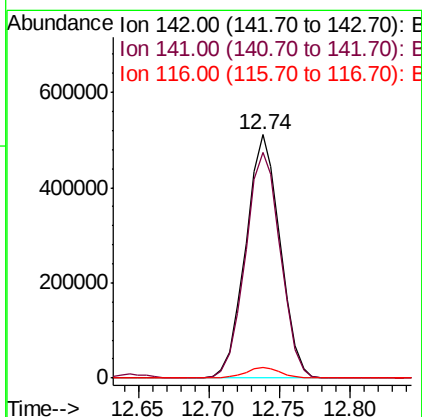
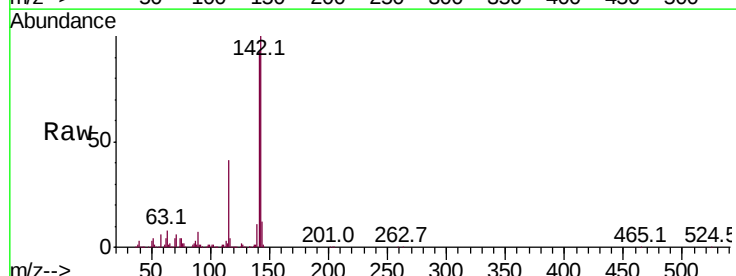
Instrument :
 BNA_G
 ClientSampleId :

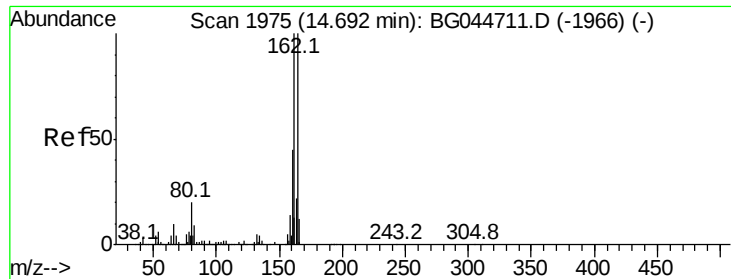
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.3	108.5
115	40.1	30.6	45.8



#38
 1-Methylnaphthalene
 Concen: 42.343 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BG044783.D
 Acq: 14 Mar 2020 4:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	72.2	108.2
116	4.3	3.5	5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Instrument :

BNA_G

ClientSampleId :

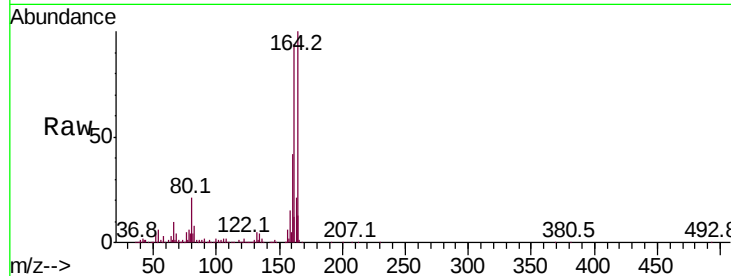
Tot Ion:164 Resp: 349924

Ion Ratio Lower Upper

164 100

162 94.2 80.2 120.4

160 42.5 36.2 54.2

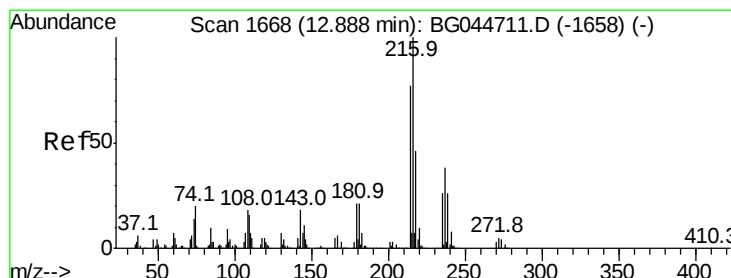
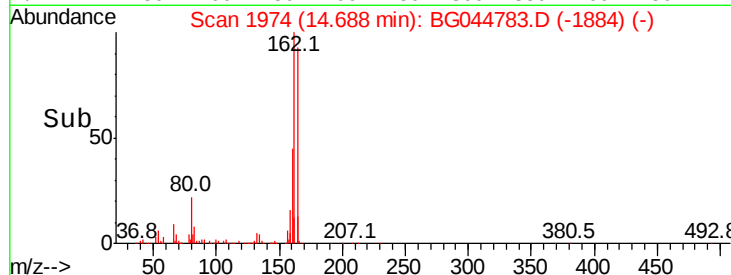
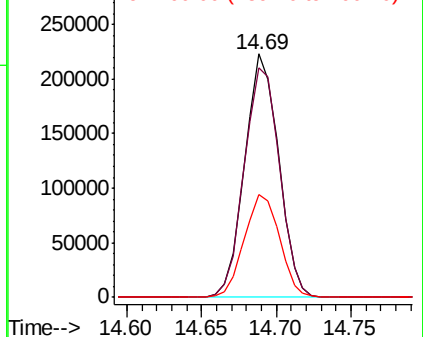


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.218 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Tgt Ion:216 Resp: 509568

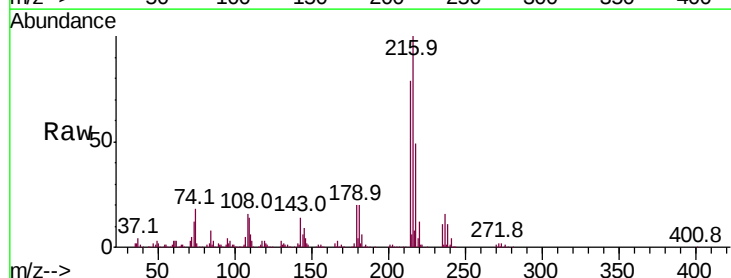
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 20.9 16.6 24.8

108 17.7 15.6 23.4



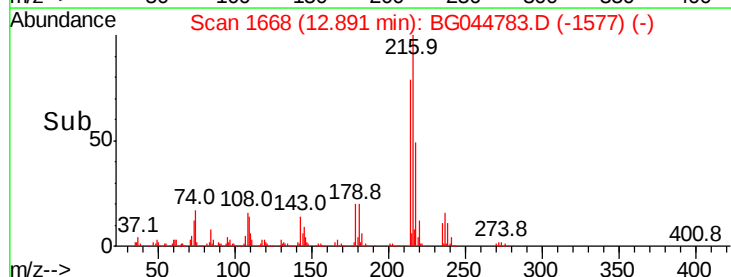
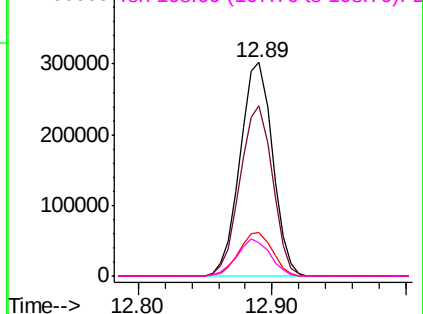
Abundance

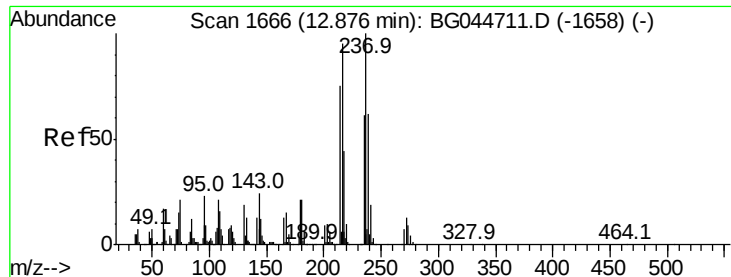
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.137 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Instrument :

BNA_G

ClientSampleId :

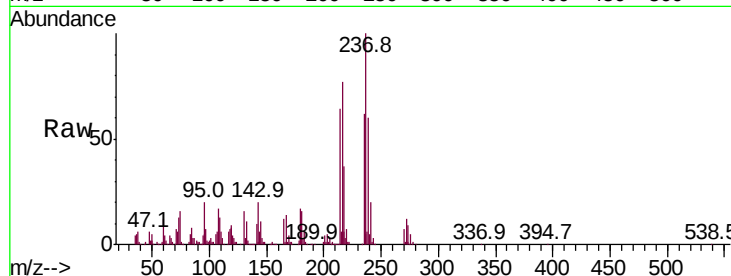
Tot Ion:237 Resp: 240183

Ion Ratio Lower Upper

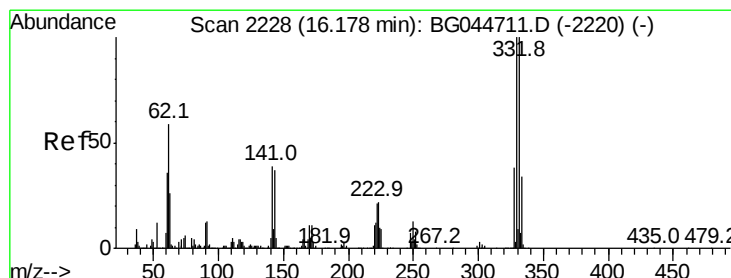
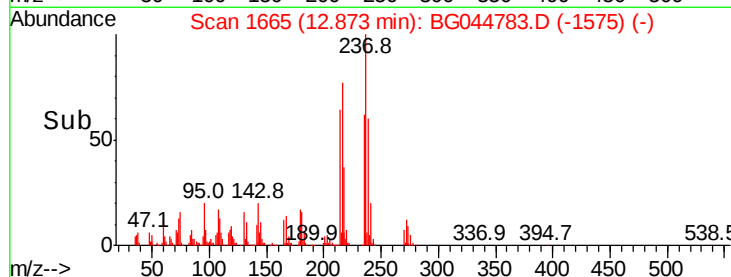
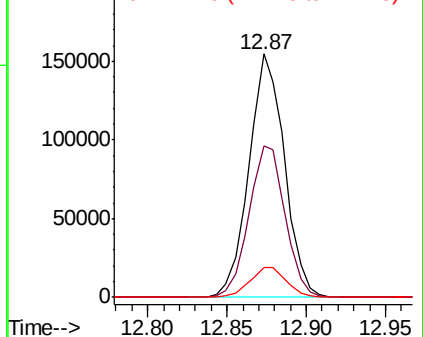
237 100

235 62.3 40.6 80.6

272 12.4 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: 125.707 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

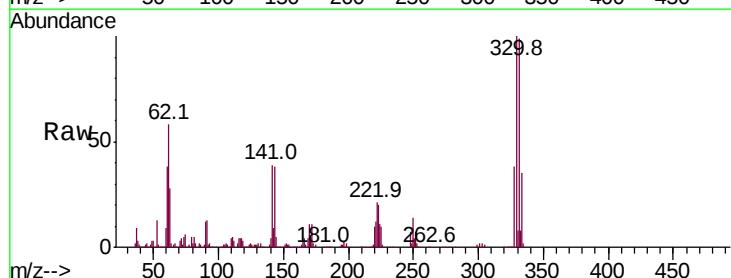
Tgt Ion:330 Resp: 575955

Ion Ratio Lower Upper

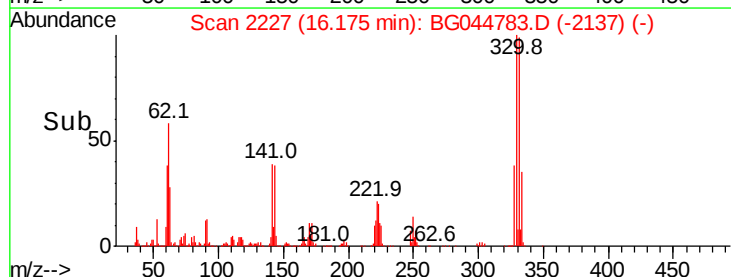
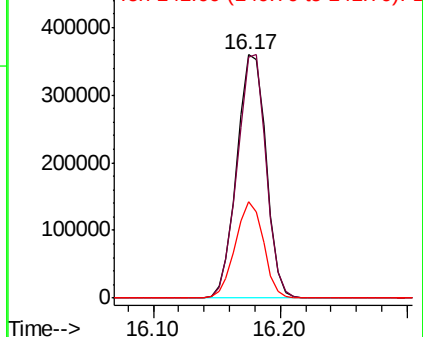
330 100

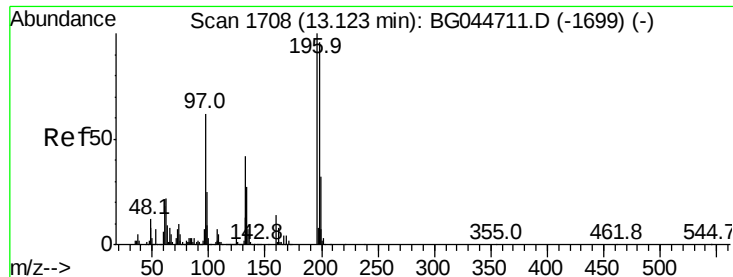
332 98.0 77.5 116.3

141 38.0 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

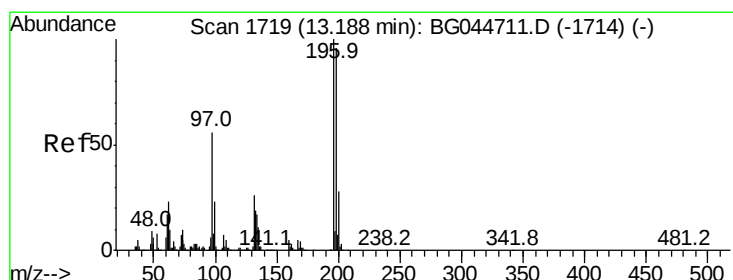
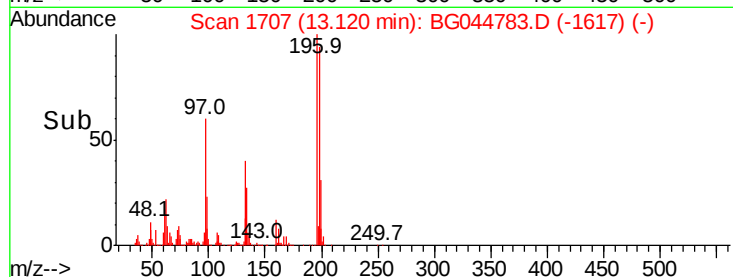
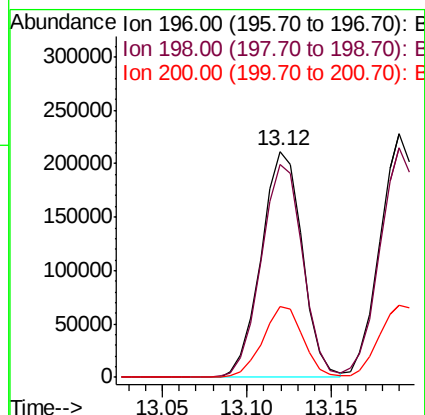
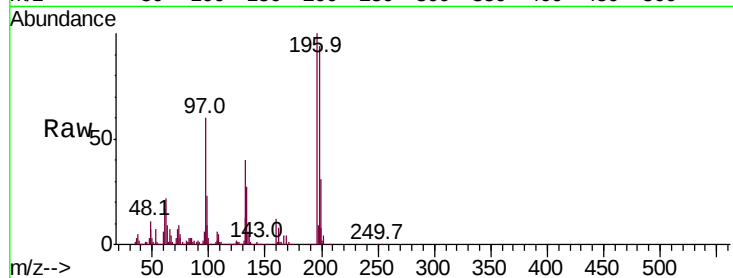




#43
 2,4,6-Trichlorophenol
 Concen: 46.837 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG044783.D
 Acq: 14 Mar 2020 4:12

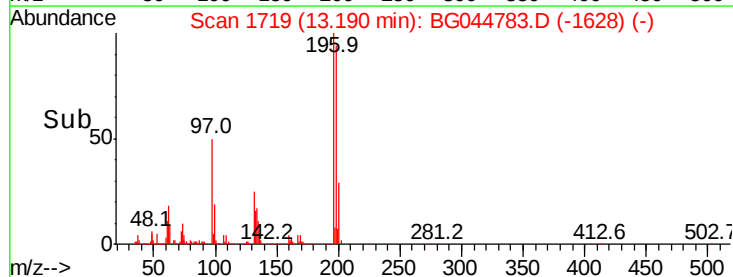
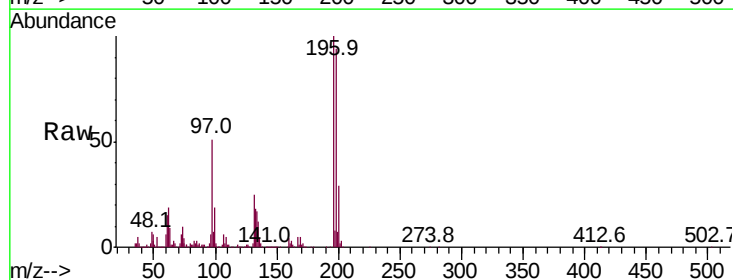
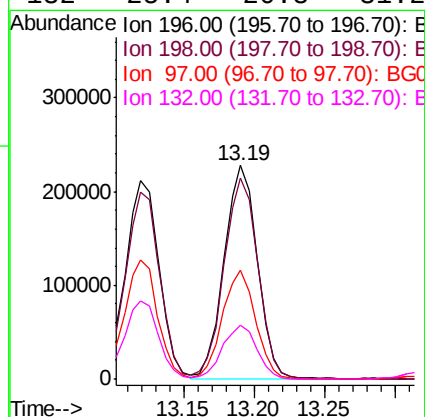
Instrument :
 BNA_G
 ClientSampleId :

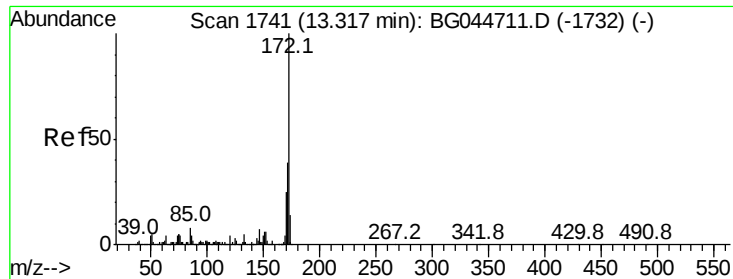
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	76.5	114.7
200	31.4	25.9	38.9



#44
 2,4,5-Trichlorophenol
 Concen: 47.207 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044783.D
 Acq: 14 Mar 2020 4:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.1	77.3	115.9
97	50.9	44.9	67.3
132	25.4	20.8	31.2





#45

2-Fluorobiphenyl

Concen: 81.153 ng

RT: 13.32 min Scan# 1741

Delta R.T. 0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Instrument :

BNA_G

ClientSampleId :

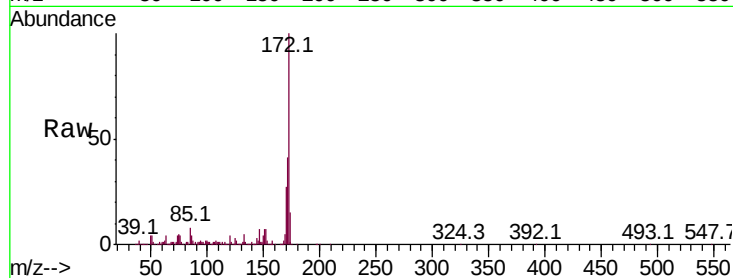
Tot Ion:172 Resp: 1983014

Ion	Ratio	Lower	Upper
172	100		
171	40.6	30.8	46.2
170	26.6	20.0	30.0

172 100

171 40.6 30.8 46.2

170 26.6 20.0 30.0

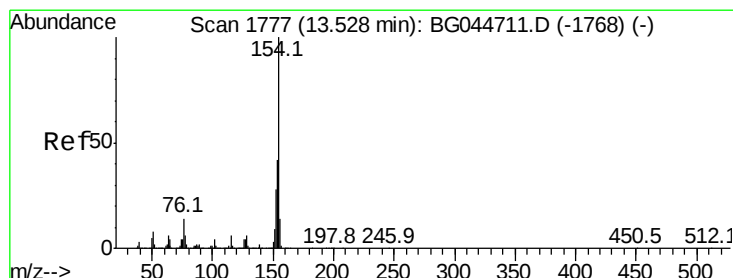
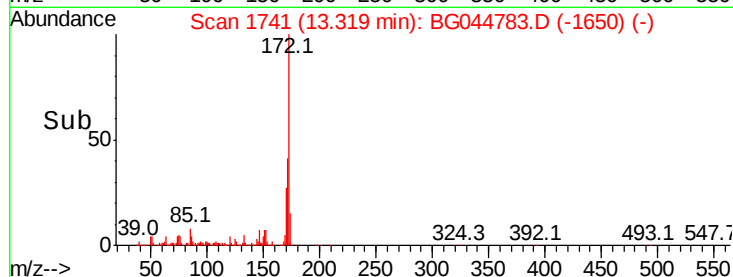
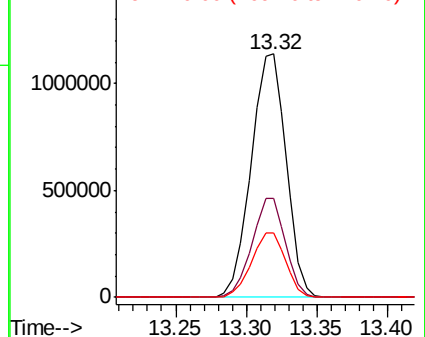


Abundance

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: 41.474 ng

RT: 13.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

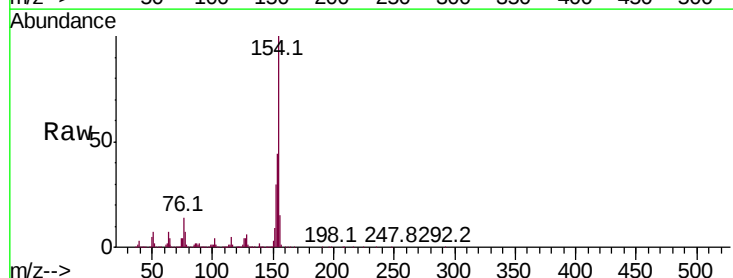
Tgt Ion:154 Resp: 1159739

Ion	Ratio	Lower	Upper
154	100		
153	44.1	22.0	62.0
76	14.4	0.0	34.2

154 100

153 44.1 22.0 62.0

76 14.4 0.0 34.2

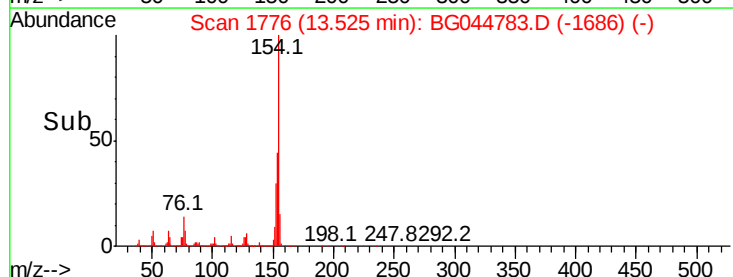
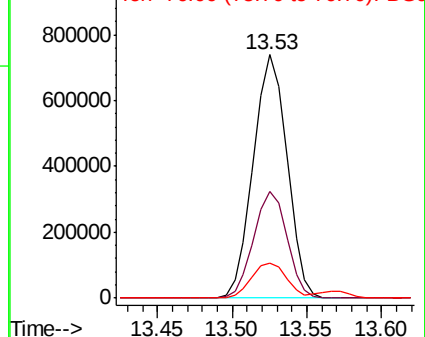


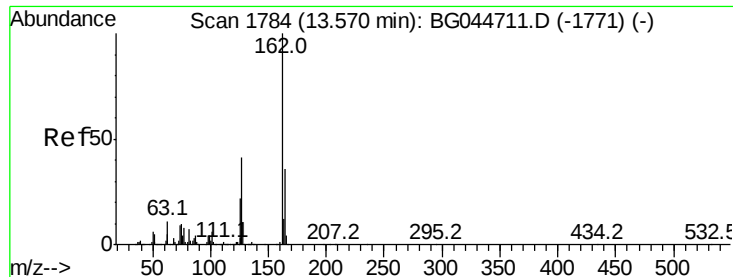
Abundance

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

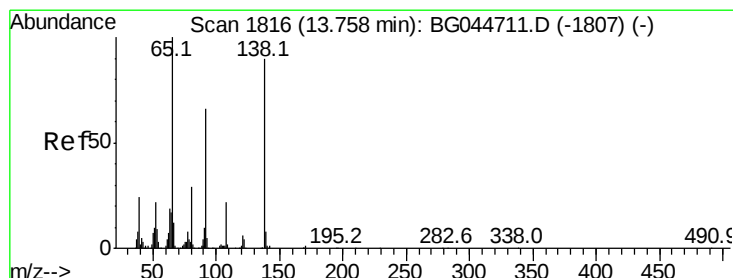
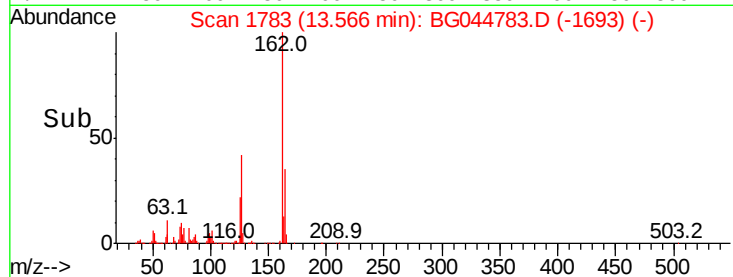
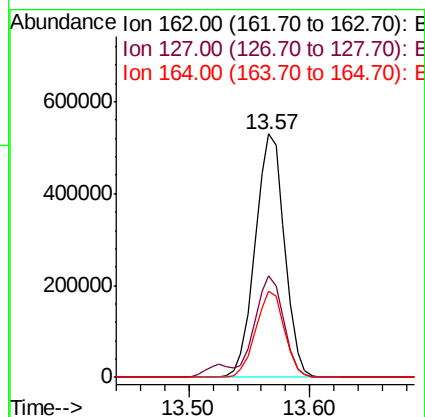
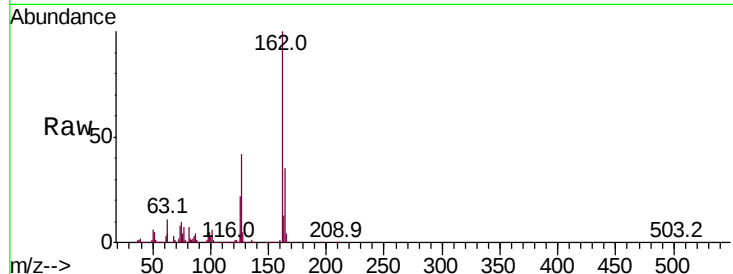




#47
2-Chloronaphthalene
Concen: 41.750 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

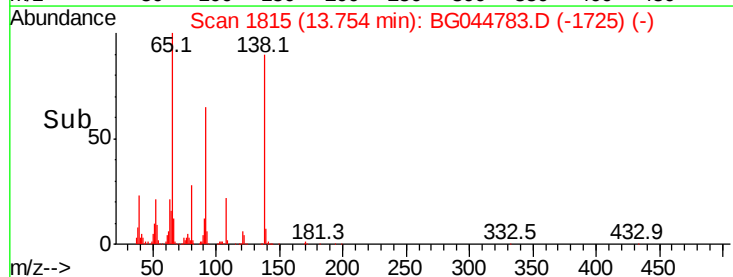
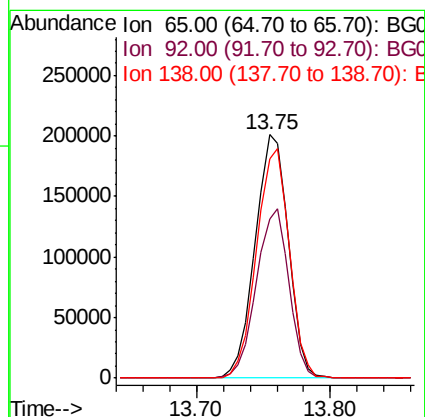
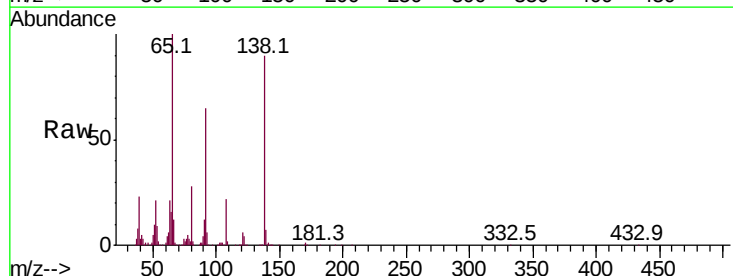
Instrument :
BNA_G
ClientSampleId :

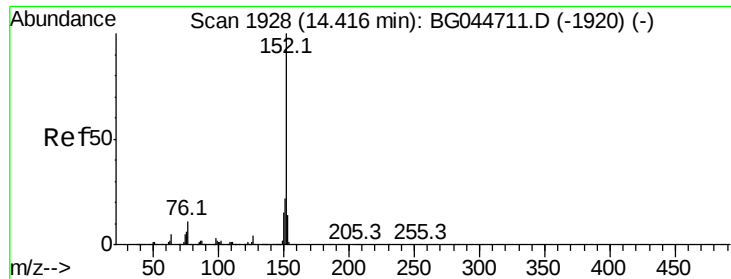
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.6	48.8
164	35.3	29.0	43.4



#48
2-Nitroaniline
Concen: 46.257 ng
RT: 13.75 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.4	52.6	79.0
138	90.3	71.8	107.6





#49

Acenaphthylene

Concen: 43.481 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Instrument :

BNA_G

ClientSampleId :

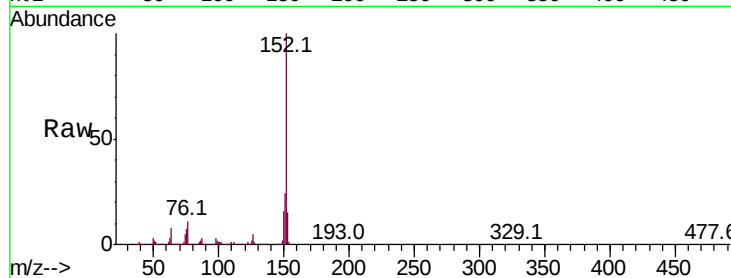
Tot Ion:152 Resp: 1455121

Ion Ratio Lower Upper

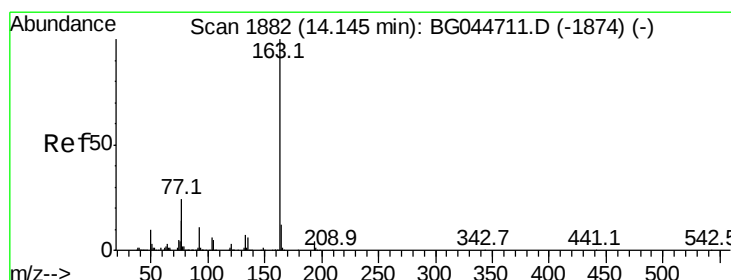
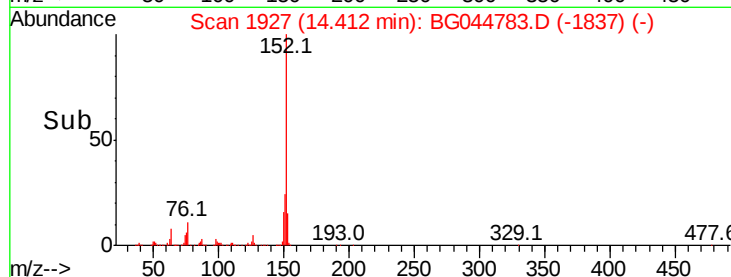
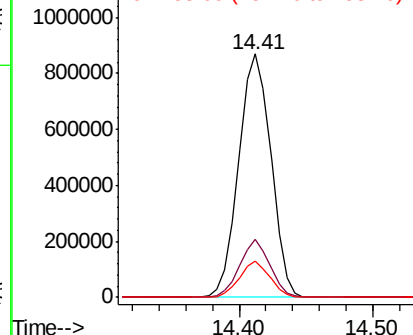
152 100

151 23.6 17.8 26.8

153 14.7 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.074 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

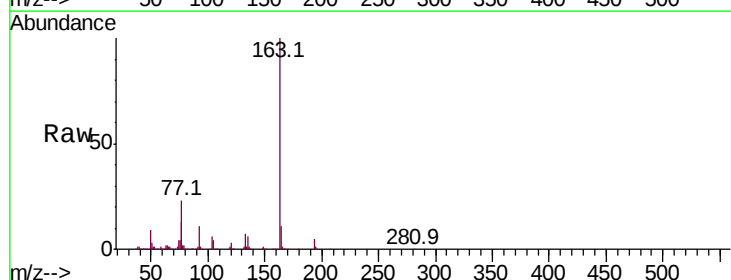
Tgt Ion:163 Resp: 1228342

Ion Ratio Lower Upper

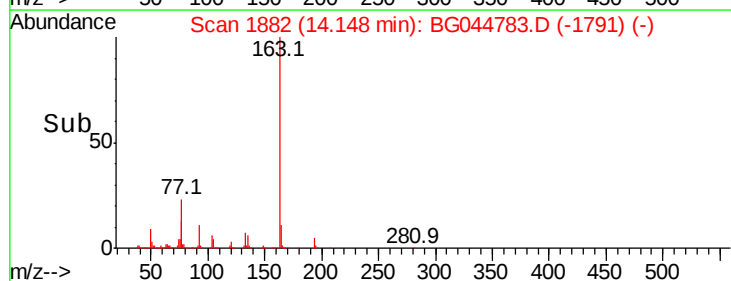
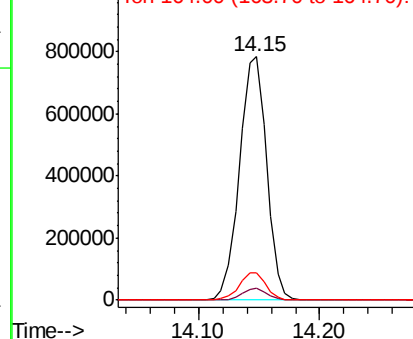
163 100

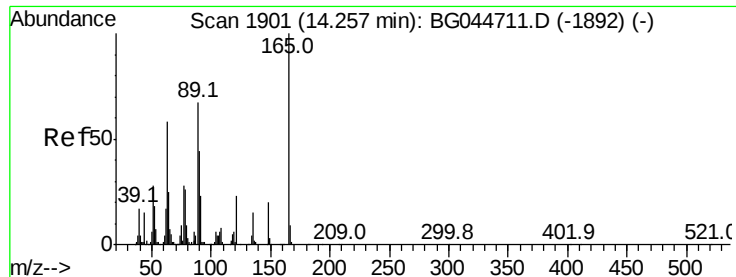
194 4.8 3.5 5.3

164 11.1 9.2 13.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

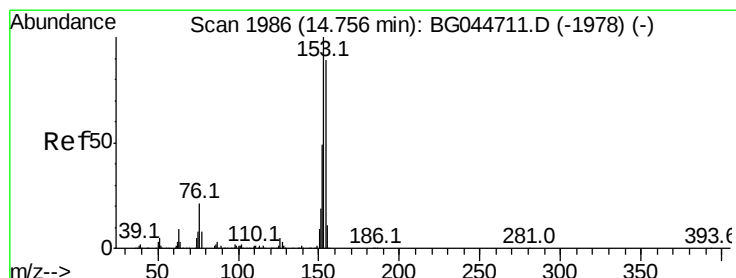
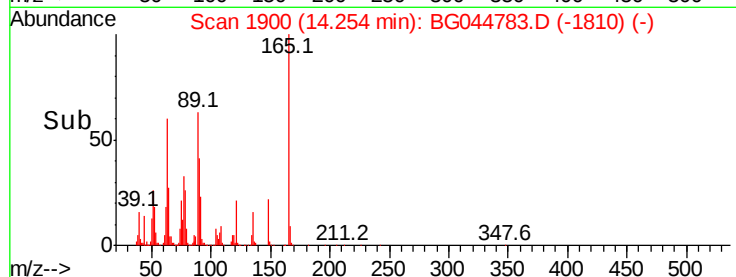
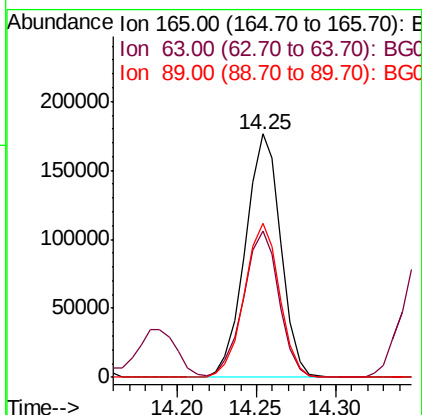
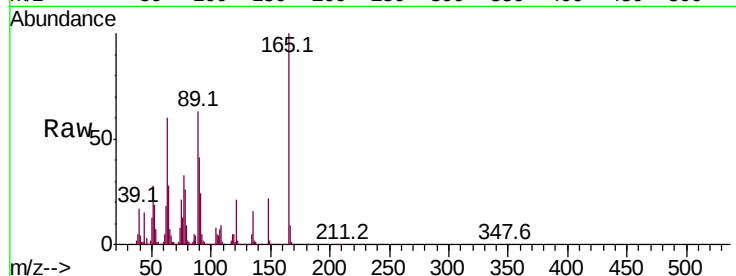




#51
2,6-Dinitrotoluene
Concen: 48.702 ng
RT: 14.25 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

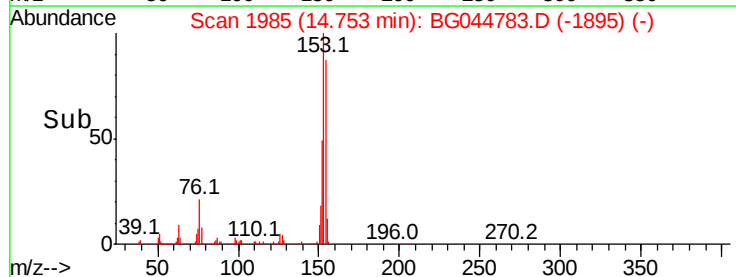
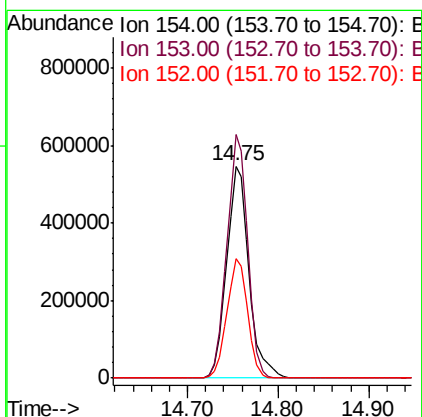
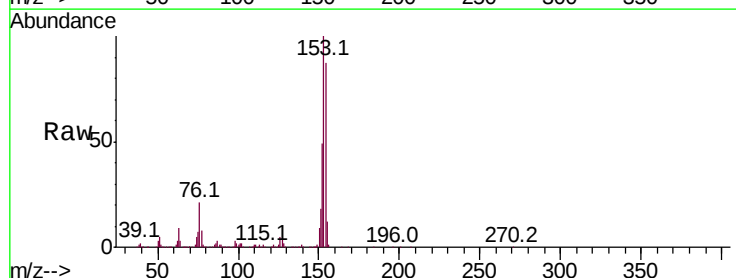
Instrument :
BNA_G
ClientSampleId :

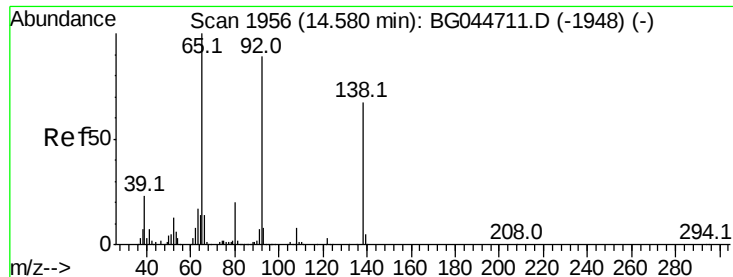
Tot Ion	Ratio	Lower	Upper
165	100		
63	60.2	48.9	73.3
89	63.2	53.8	80.8



#52
Acenaphthene
Concen: 42.643 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	89.8	134.8
152	56.5	44.4	66.6





#53

3-Nitroaniline

Concen: 26.187 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Instrument :

BNA_G

ClientSampleId :

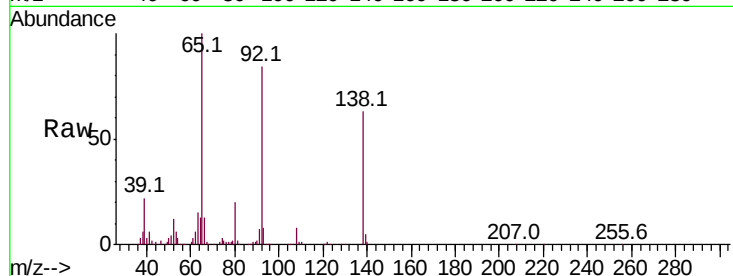
Tot Ion:138 Resp: 169132

Ion Ratio Lower Upper

138 100

108 12.9 9.2 13.8

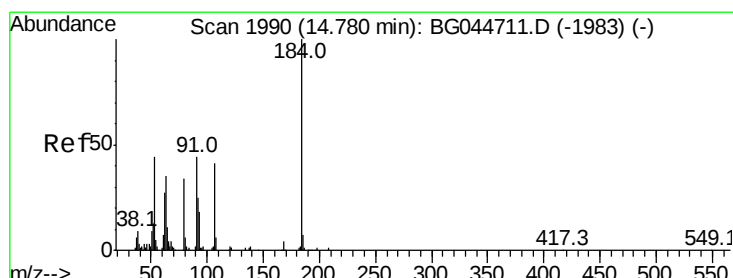
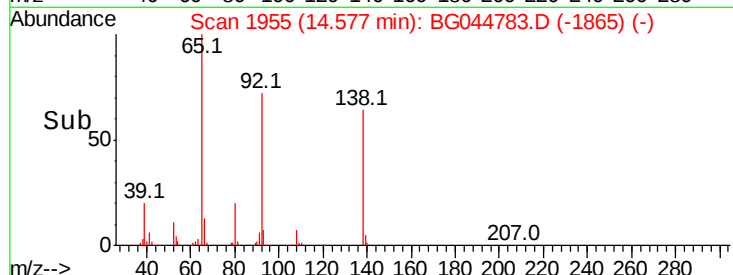
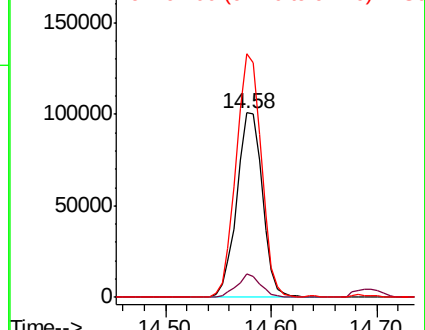
92 131.9 105.6 158.4



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: 37.122 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

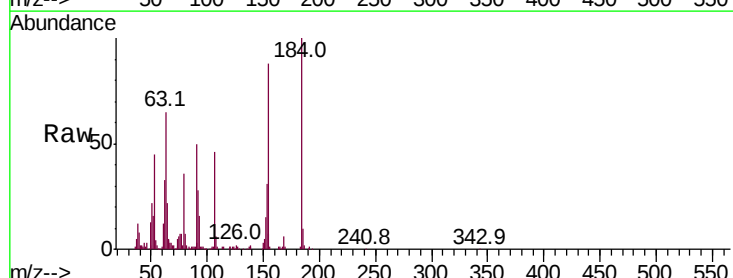
Tgt Ion:184 Resp: 94359

Ion Ratio Lower Upper

184 100

63 64.9 49.0 73.6

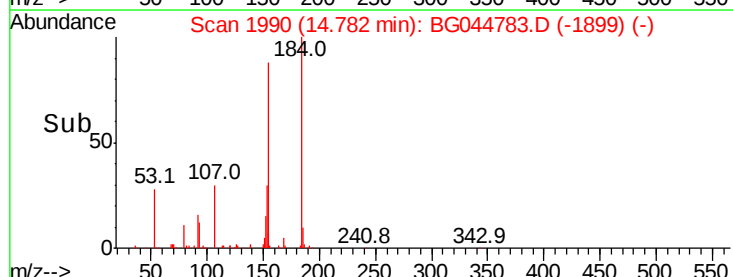
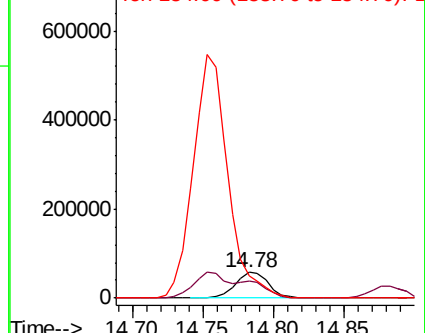
154 87.7 94.5 141.7#

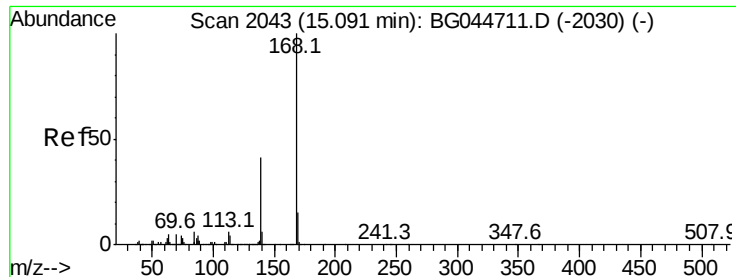


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 43.553 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

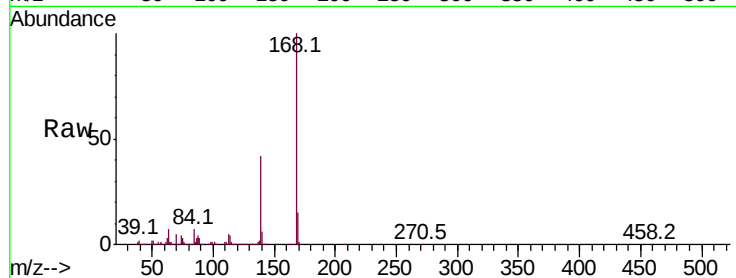
Instrument :

BNA_G

ClientSampled :

Tot Ion:168 Resp: 1384231

Ion	Ratio	Lower	Upper
168	100		
139	42.2	32.6	49.0
169	14.7	11.8	17.6

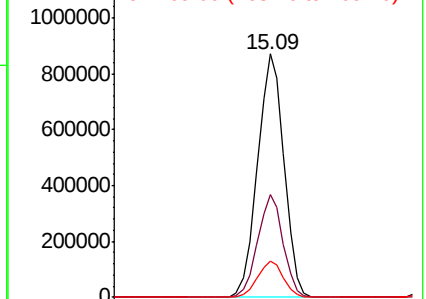


Abundance

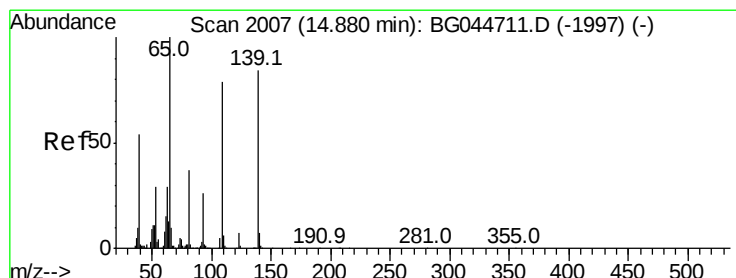
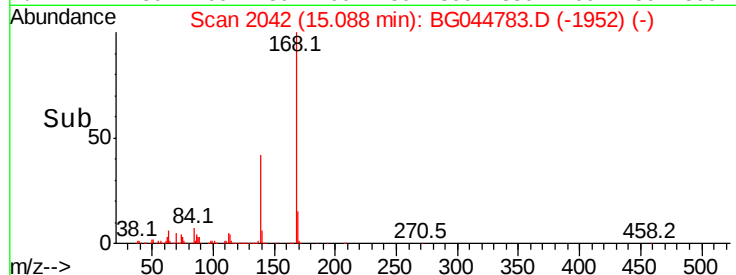
Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->



#56

4-Nitrophenol

Concen: 26.973 ng

RT: 14.88 min Scan# 2007

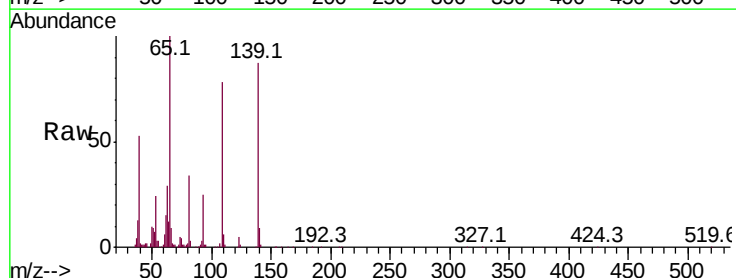
Delta R.T. 0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Tgt Ion:139 Resp: 132956

Ion	Ratio	Lower	Upper
139	100		
109	90.5	74.1	114.1
65	115.4	98.6	138.6

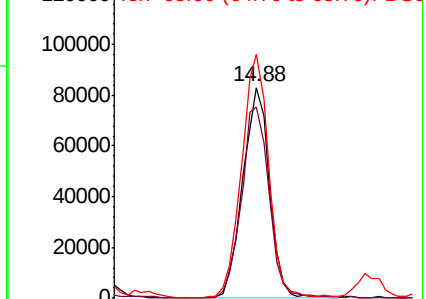


Abundance

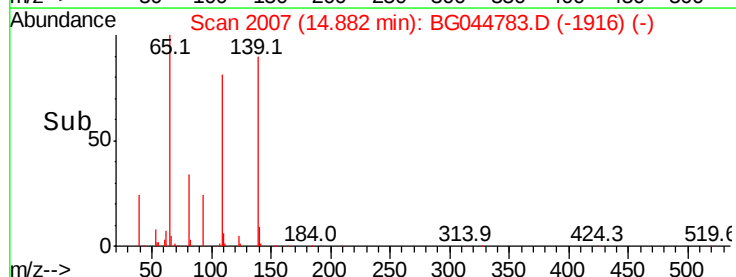
Ion 139.00 (138.70 to 139.70): E

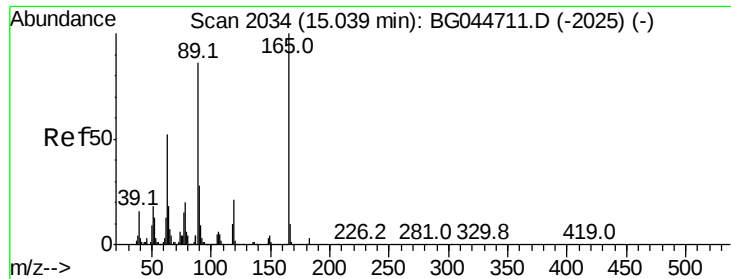
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG



Time-->

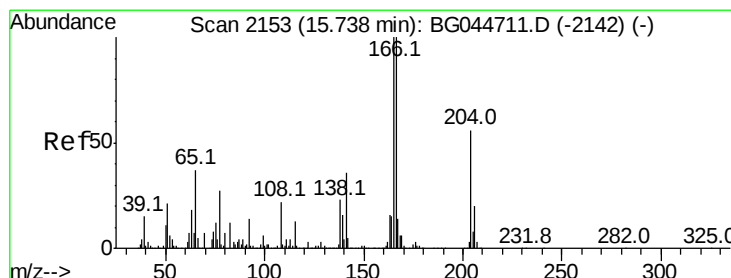
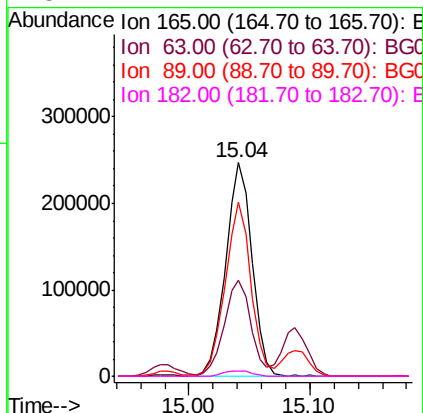
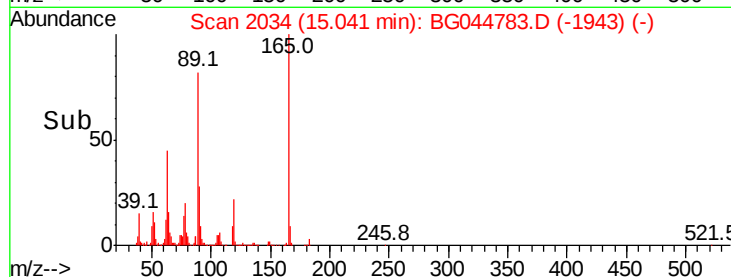
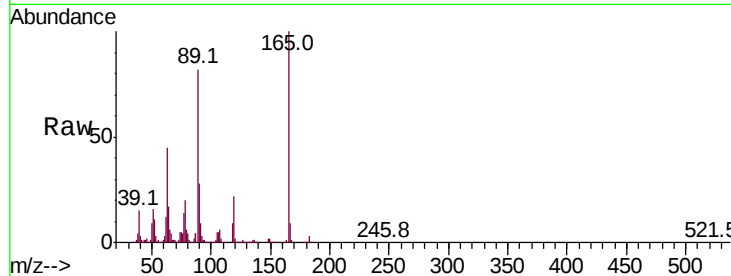




#57
2,4-Dinitrotoluene
Concen: 48.592 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

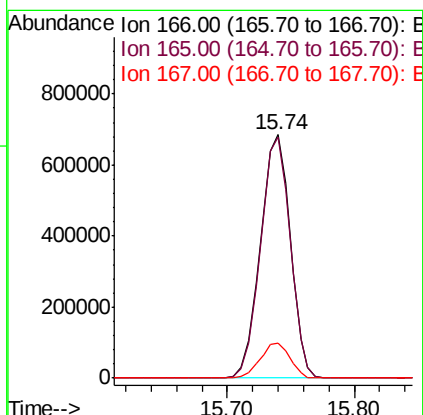
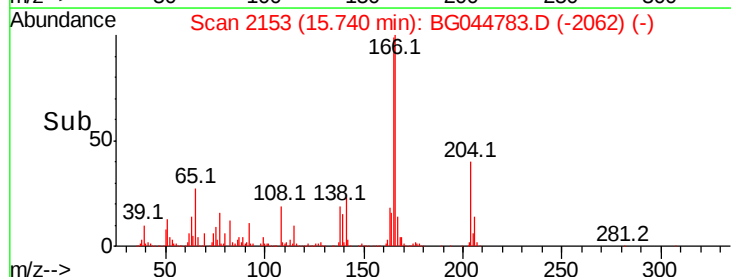
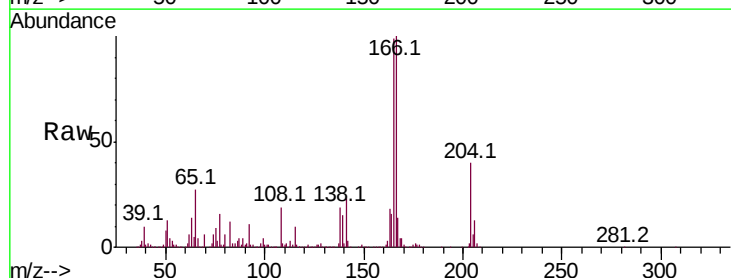
Instrument :
BNA_G
ClientSampleId :

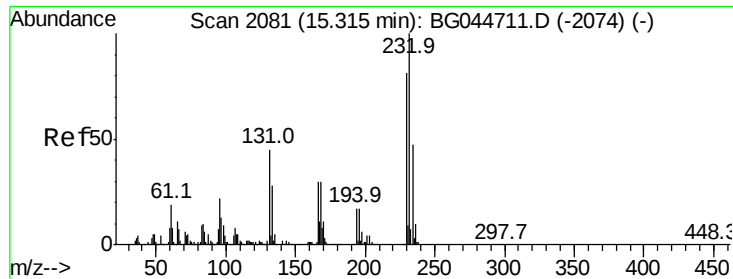
Tot Ion:165 Resp: 374377
Ion Ratio Lower Upper
165 100
63 45.0 41.5 62.3
89 81.5 69.0 103.4
182 2.7 2.7 4.1#



#58
Fluorene
Concen: 43.149 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Tgt Ion:166 Resp: 1128131
Ion Ratio Lower Upper
166 100
165 98.9 79.6 119.4
167 14.5 11.4 17.2

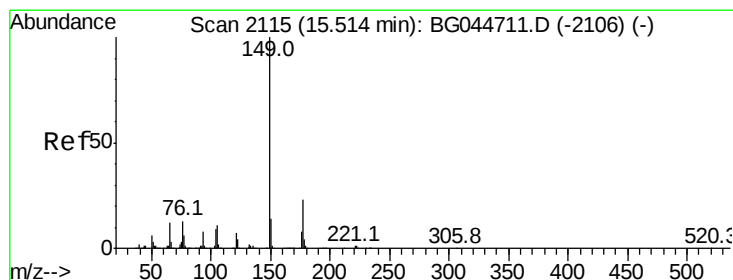
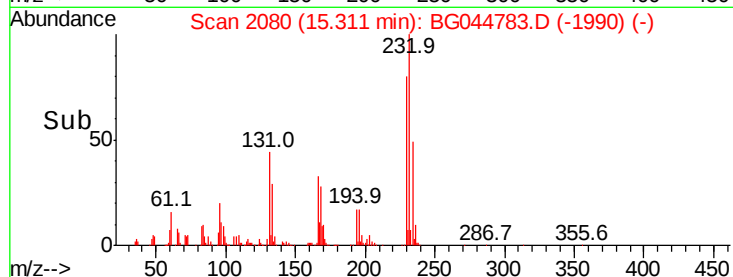
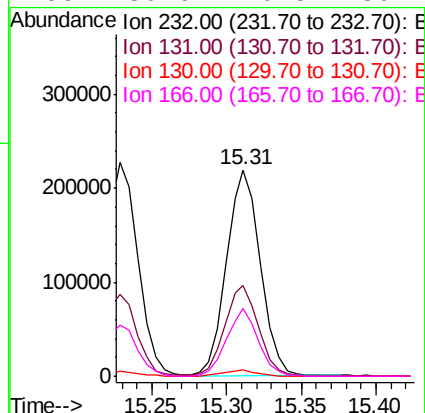
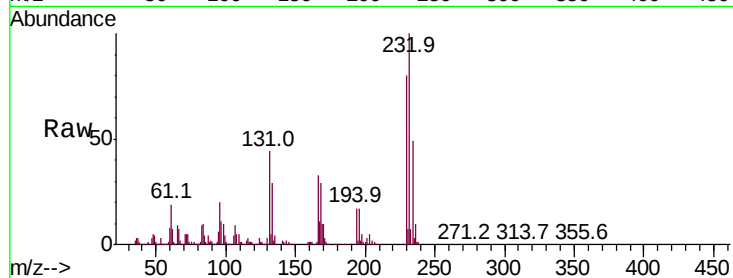




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.406 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG044783.D
 Acq: 14 Mar 2020 4:12

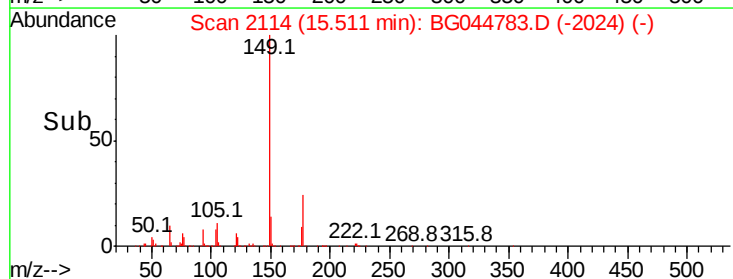
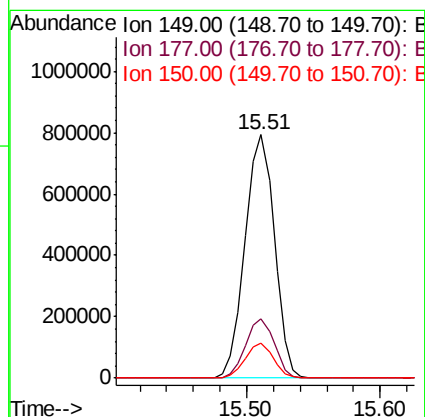
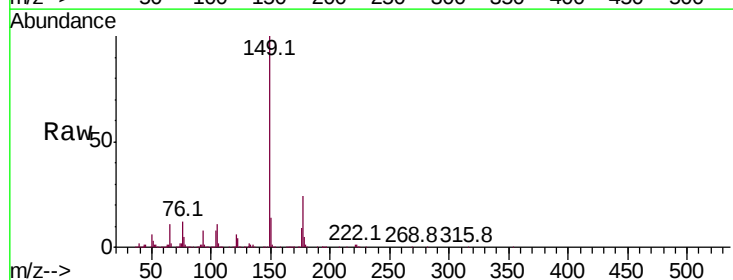
Instrument :
 BNA_G
 ClientSampleId :

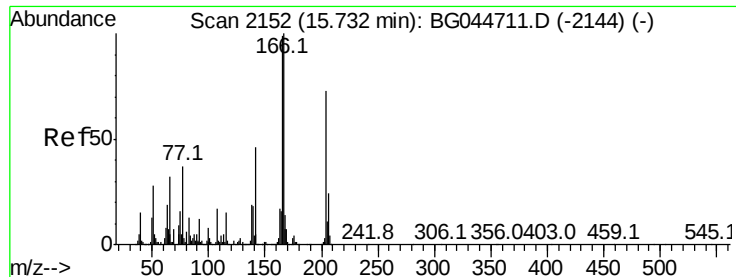
Tot Ion:	232	Resp:	346165
Ion	Ratio	Lower	Upper
232	100		
131	43.8	32.4	48.6
130	2.8	2.0	3.0
166	30.6	20.5	30.7



#60
 Diethylphthalate
 Concen: 41.409 ng
 RT: 15.51 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: BG044783.D
 Acq: 14 Mar 2020 4:12

Tgt Ion:	149	Resp:	1203680
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.8	28.2
150	14.3	11.2	16.8

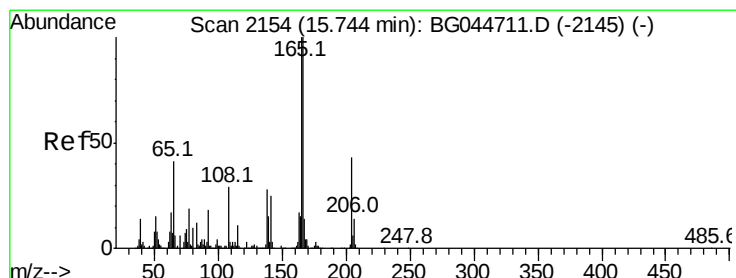
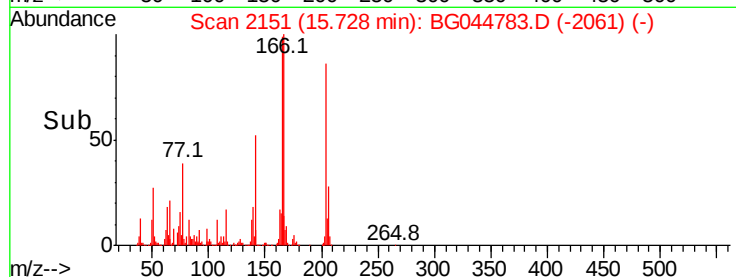
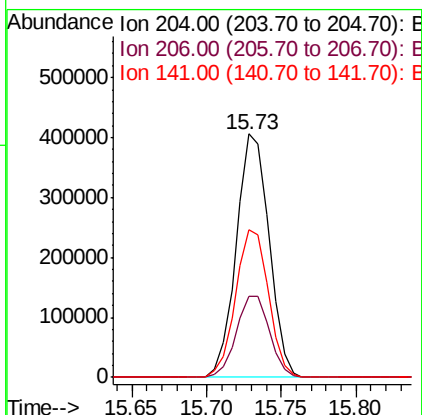
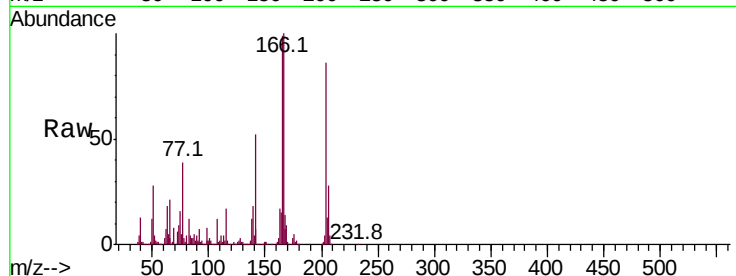




#61
4-Chlorophenyl-phenylether
Concen: 43.942 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

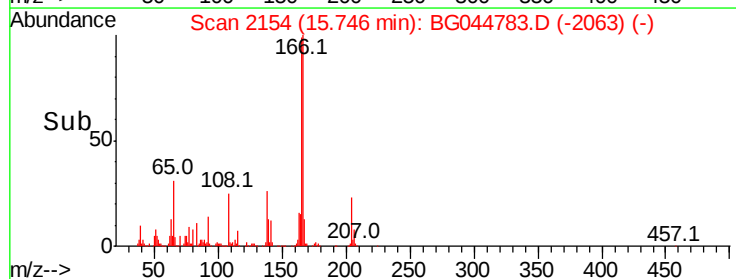
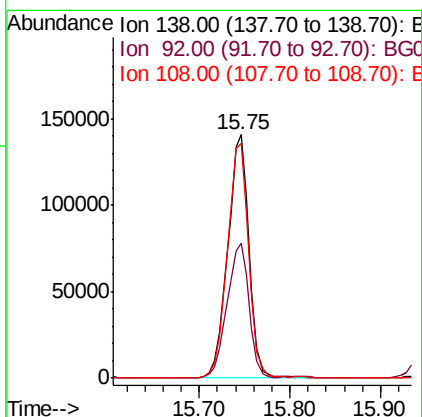
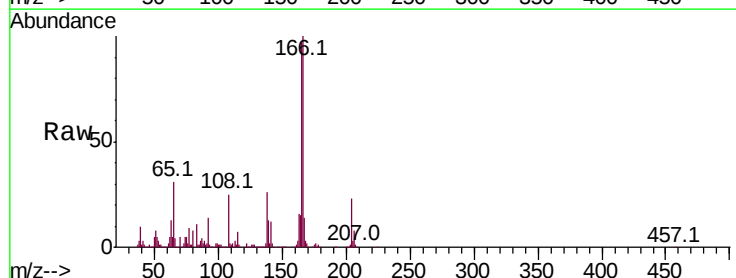
Instrument :
BNA_G
ClientSampled :

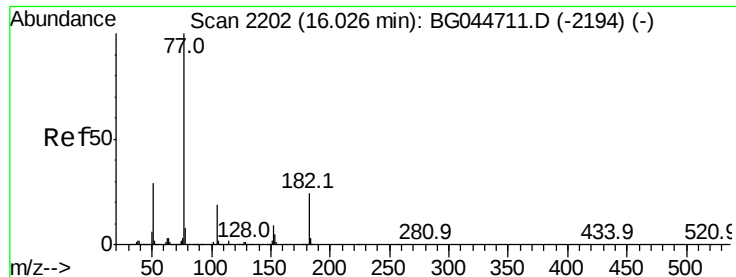
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.6
141	60.7	50.8	76.2



#62
4-Nitroaniline
Concen: 33.266 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.2	42.1	82.1
108	96.2	81.2	121.2

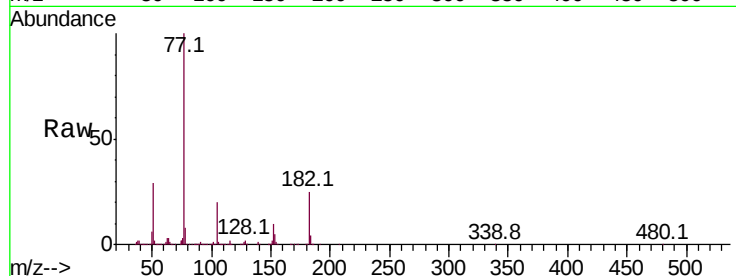




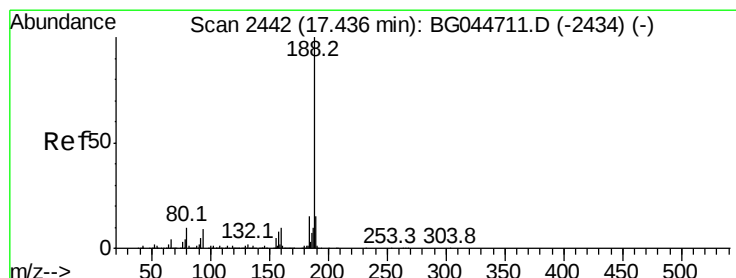
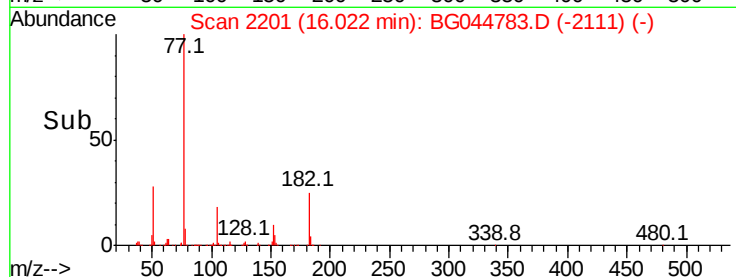
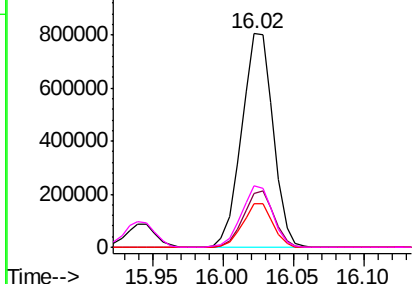
#63
Azobenzene
Concen: 41.511 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 1253045
Ion Ratio Lower Upper
77 100
182 25.0 3.6 43.6
105 20.2 0.0 39.3
51 28.5 8.7 48.7

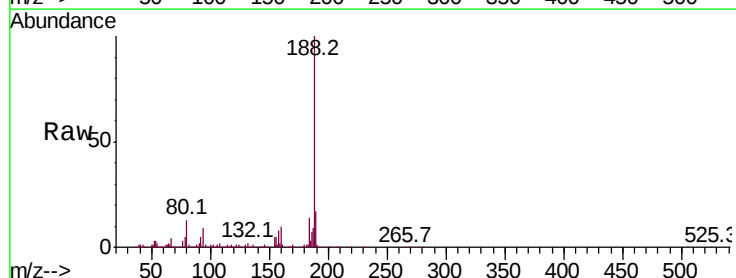


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

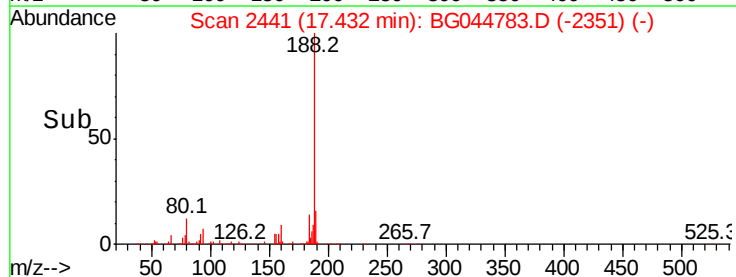
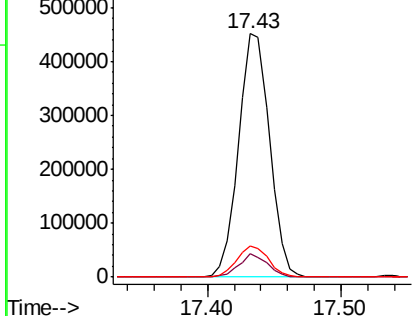


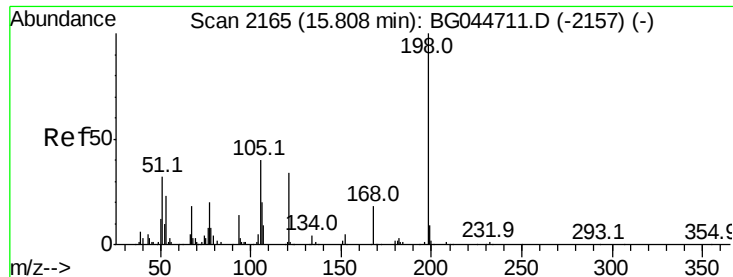
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Tgt Ion: 188 Resp: 724107
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 12.9 8.4 12.6#



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 27.992 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Instrument :

BNA_G

ClientSampleId :

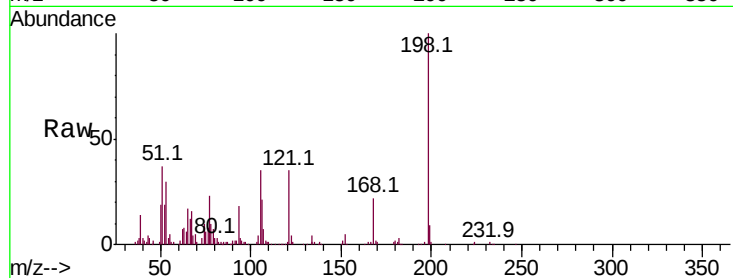
Tot Ion:198 Resp: 82298

Ion Ratio Lower Upper

198 100

51 36.9 20.1 60.1

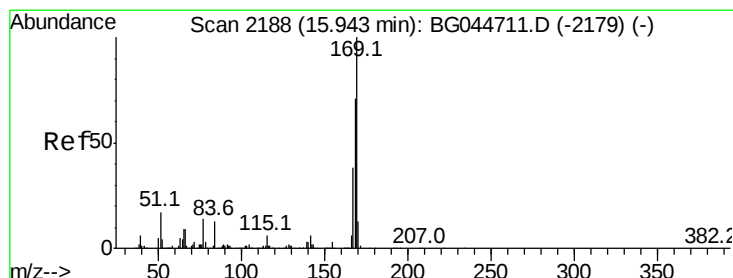
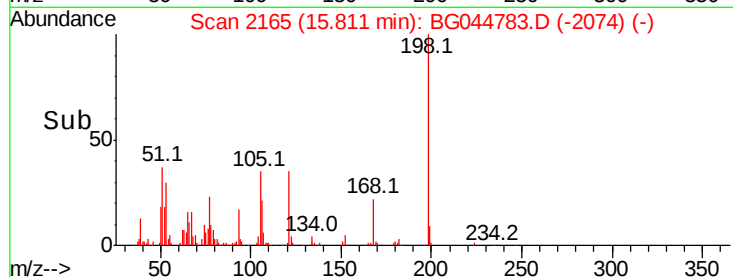
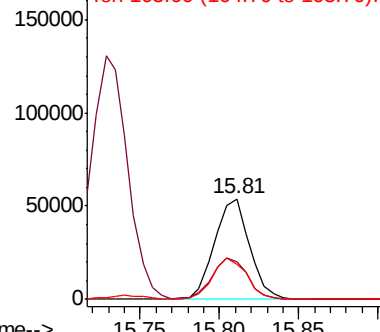
105 35.3 21.3 61.3



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: 45.667 ng

RT: 15.95 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

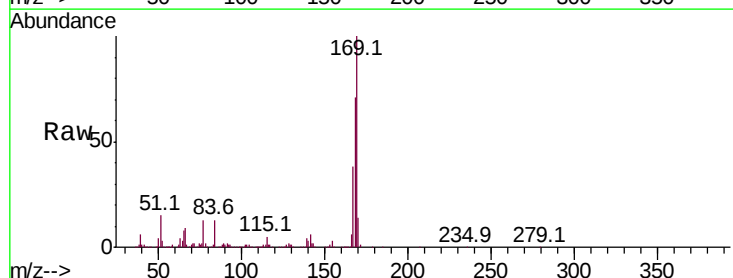
Tgt Ion:169 Resp: 995573

Ion Ratio Lower Upper

169 100

168 71.4 56.6 85.0

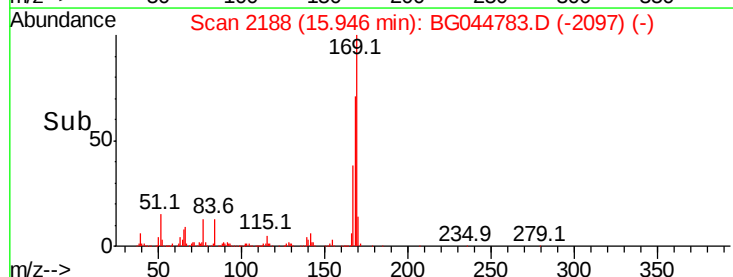
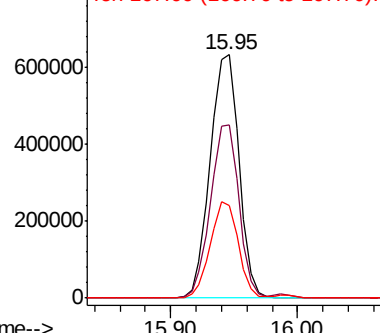
167 38.1 30.1 45.1

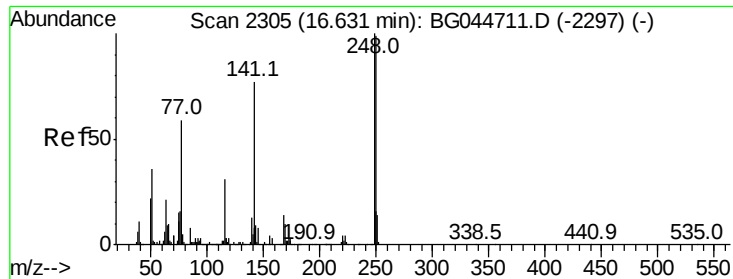


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

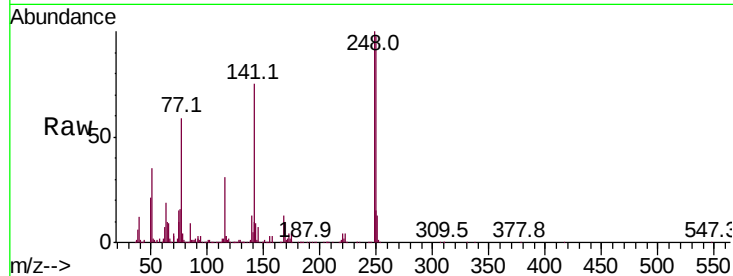




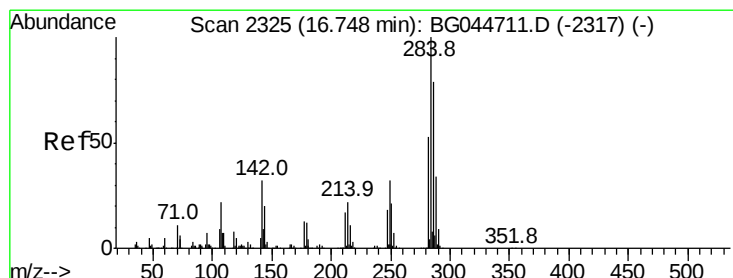
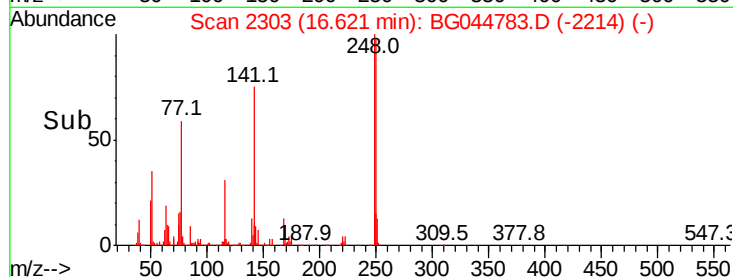
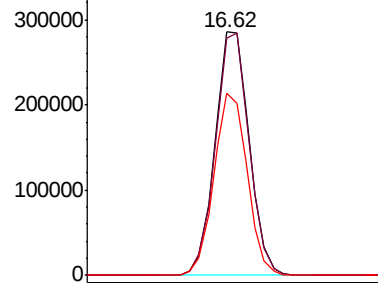
#67
4-Bromophenyl-phenylether
Concen: 46.905 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 424602
Ion Ratio Lower Upper
248 100
250 97.6 79.4 119.0
141 74.8 61.7 92.5

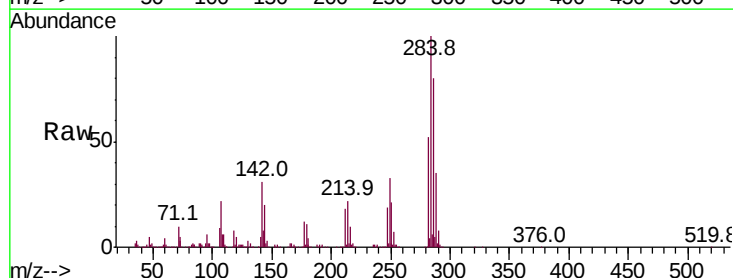


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

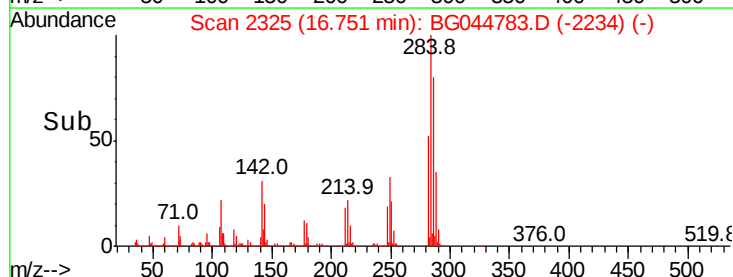
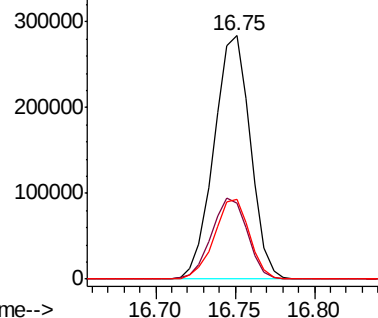


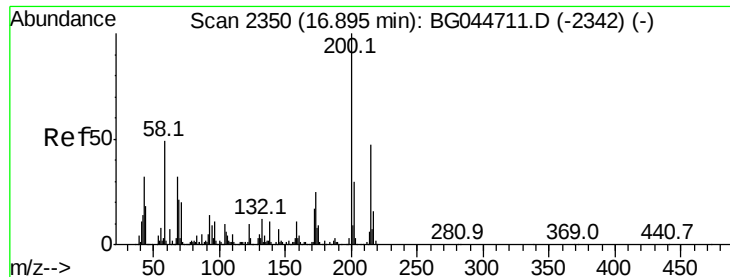
#68
Hexachlorobenzene
Concen: 46.012 ng
RT: 16.75 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG044783.D
Acq: 14 Mar 2020 4:12

Tgt Ion:284 Resp: 451874
Ion Ratio Lower Upper
284 100
142 31.2 25.6 38.4
249 32.8 25.8 38.6



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





#69

Atrazine

Concen: 48.918 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Instrument :

BNA_G

ClientSampleId :

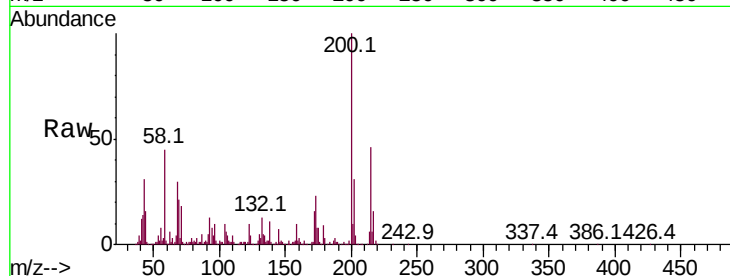
Tot Ion:200 Resp: 390720

Ion Ratio Lower Upper

200 100

173 23.3 4.8 44.8

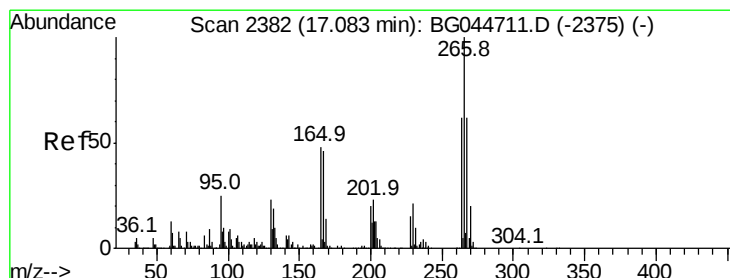
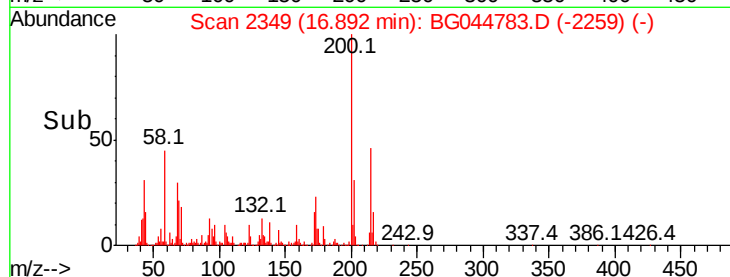
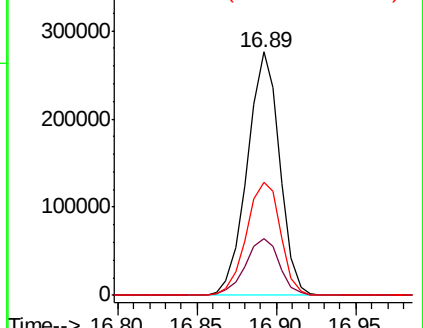
215 46.4 27.4 67.4



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: 96.932 ng

RT: 17.09 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

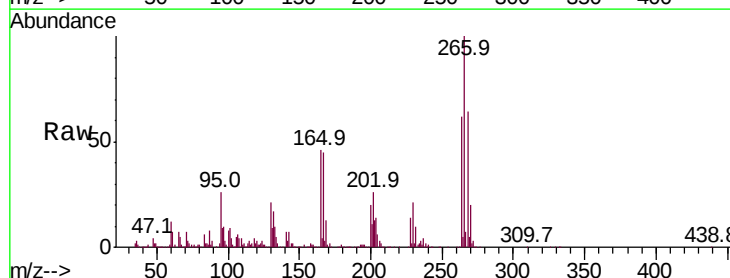
Tgt Ion:266 Resp: 523778

Ion Ratio Lower Upper

266 100

268 63.5 49.9 74.9

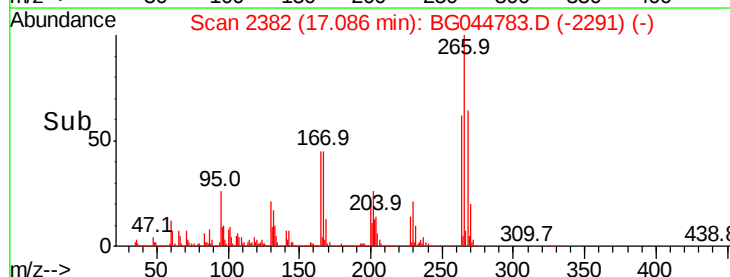
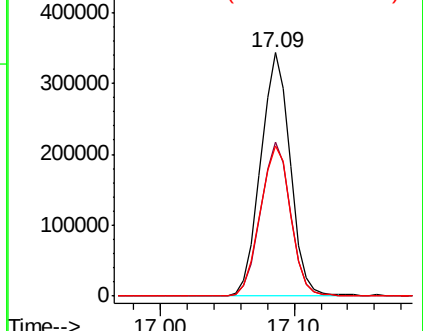
264 61.6 49.9 74.9

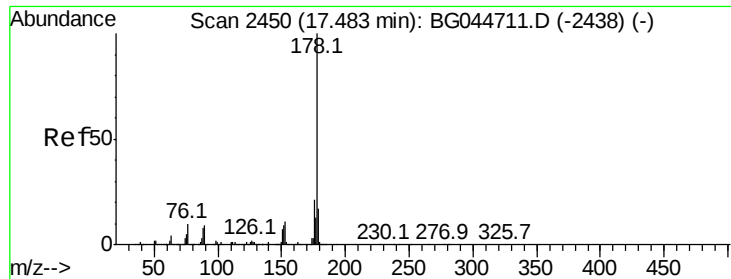


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.048 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

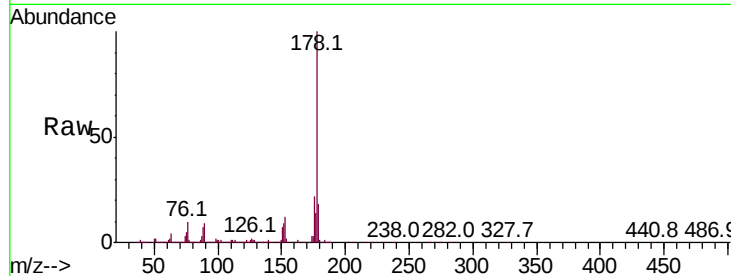
Instrument :

BNA_G

ClientSampled :

Tot Ion:178 Resp: 1704454

Ion	Ratio	Lower	Upper
178	100		
176	22.0	17.0	25.6
179	17.6	13.7	20.5

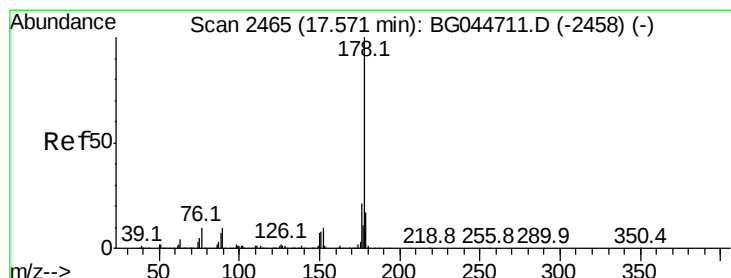
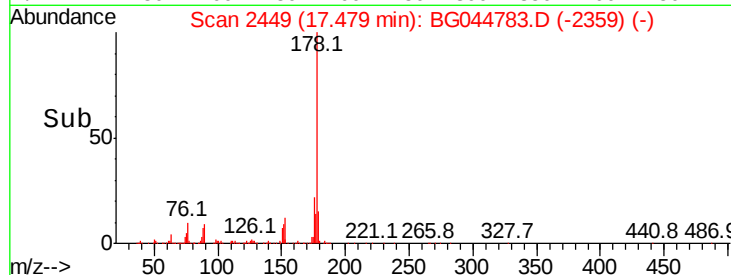
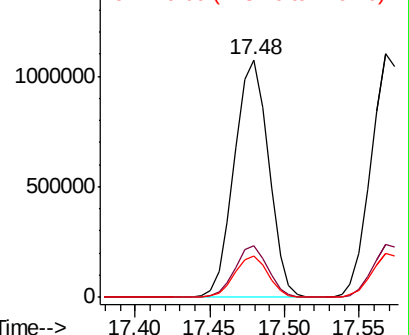


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.675 ng

RT: 17.57 min Scan# 2464

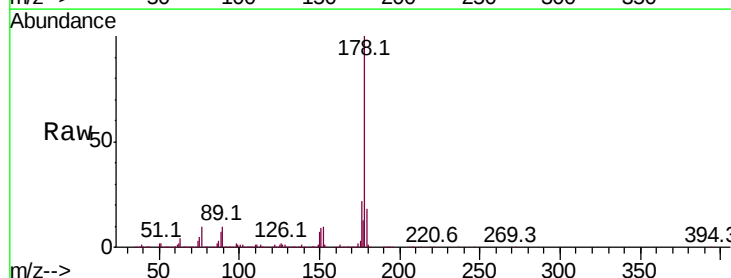
Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Tgt Ion:178 Resp: 1742753

Ion	Ratio	Lower	Upper
178	100		
176	21.6	17.0	25.6
179	18.0	13.8	20.8

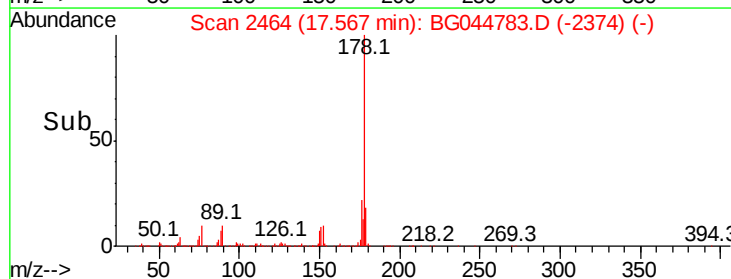
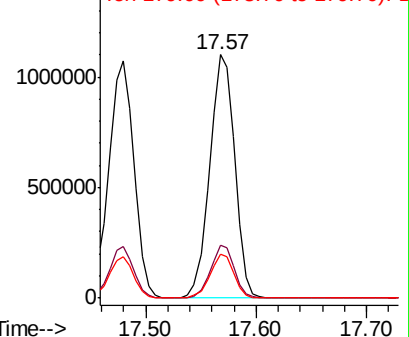


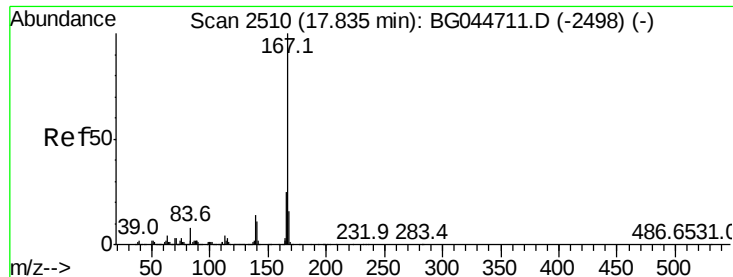
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.879 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

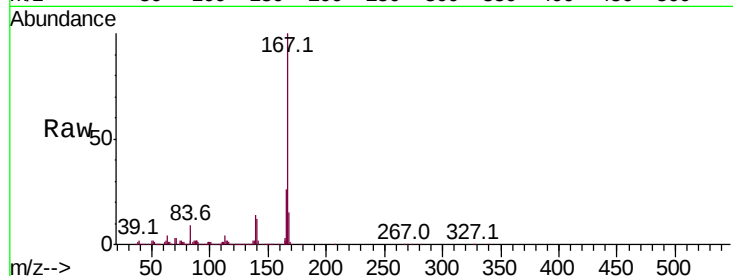
Instrument :

BNA_G

ClientSampled :

Tot Ion:167 Resp: 1608233

Ion	Ratio	Lower	Upper
167	100		
166	26.2	19.6	29.4
139	14.3	11.4	17.2

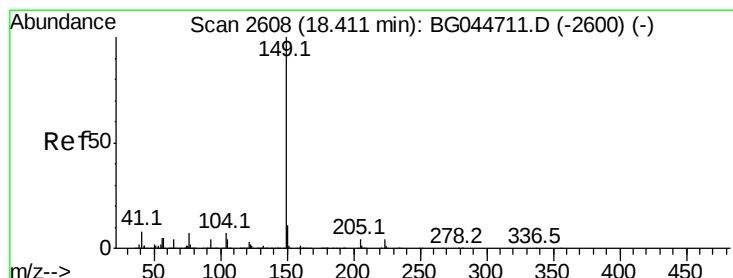
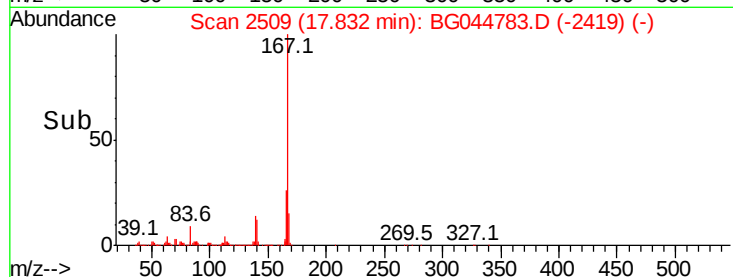
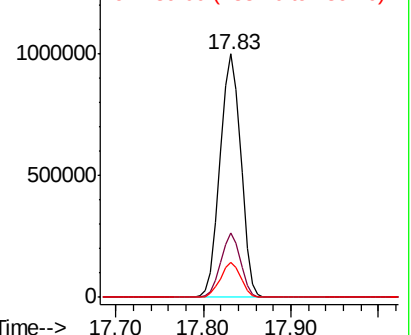


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.556 ng

RT: 18.40 min Scan# 2606

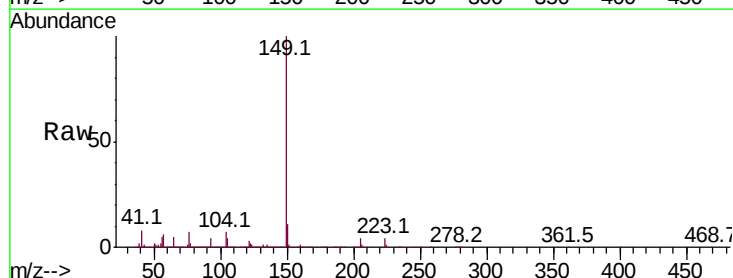
Delta R.T. -0.01 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Tgt Ion:149 Resp: 1851458

Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.4	12.6
104	7.2	5.6	8.4

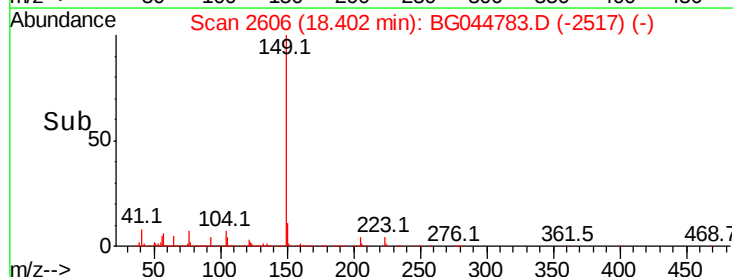
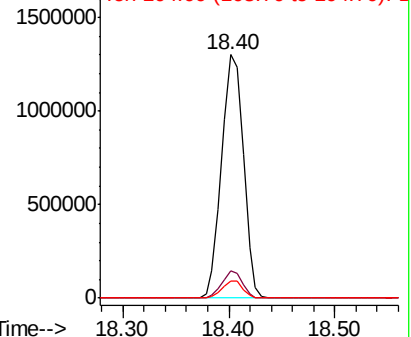


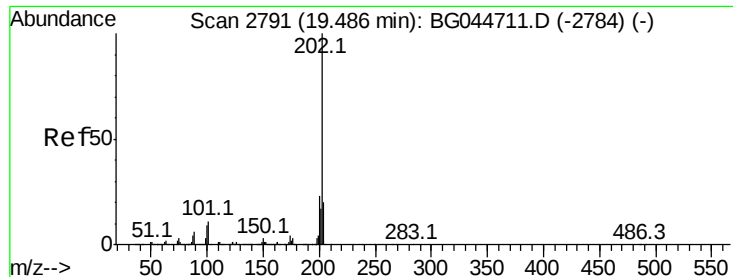
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.975 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

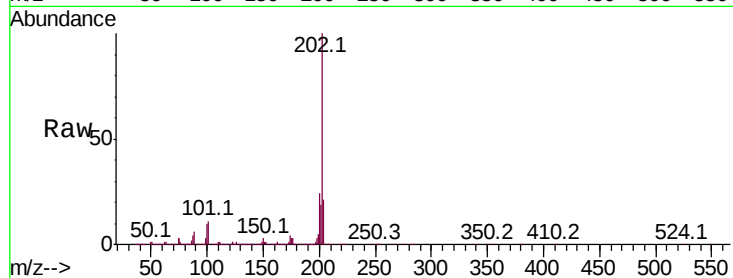
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1933920

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.3
203	21.4	0.4	40.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.48

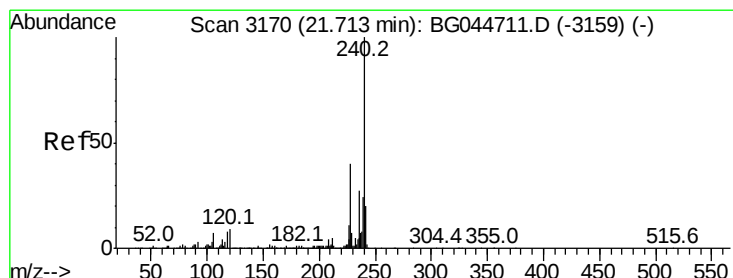
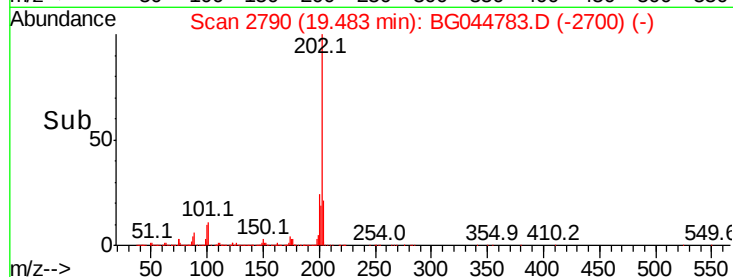
1000000

500000

0

19.40 19.50 19.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

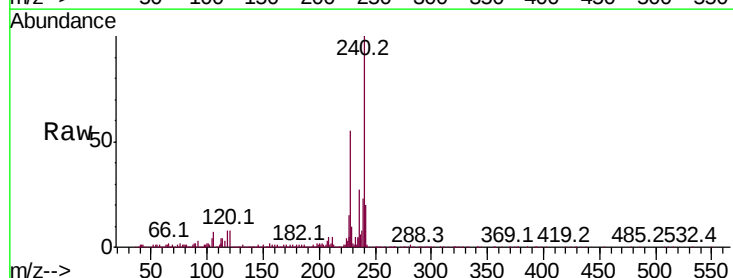
Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Tgt Ion:240 Resp: 571795

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.9	10.3
236	26.6	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

21.71

400000

300000

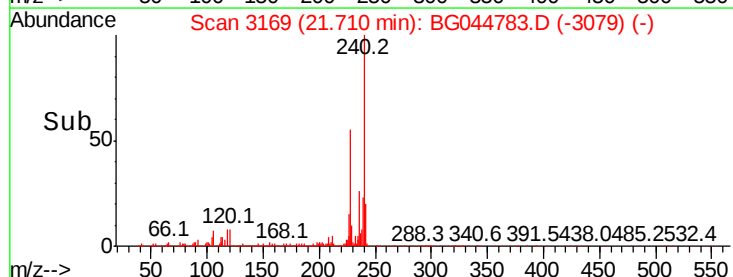
200000

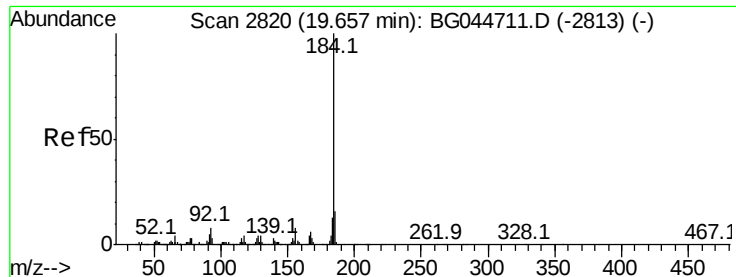
100000

0

21.60 21.70 21.80

Time-->





#77

Benzidine

Concen: 33.076 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

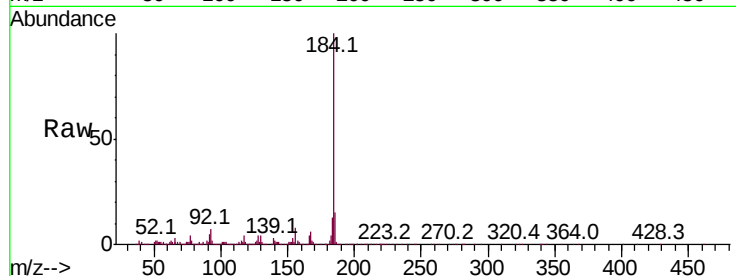
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 613987

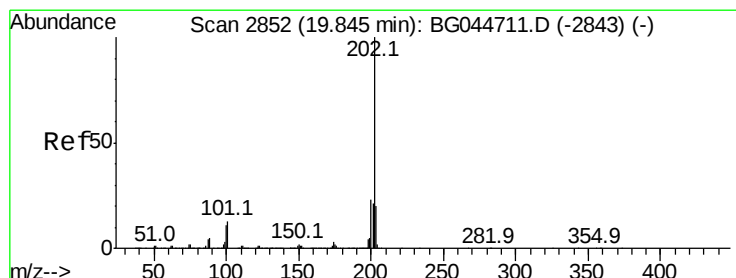
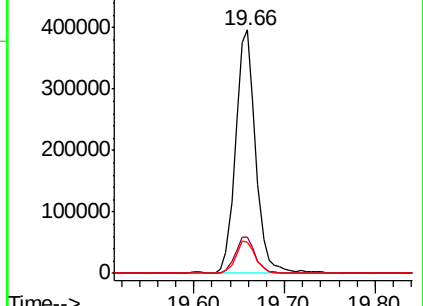
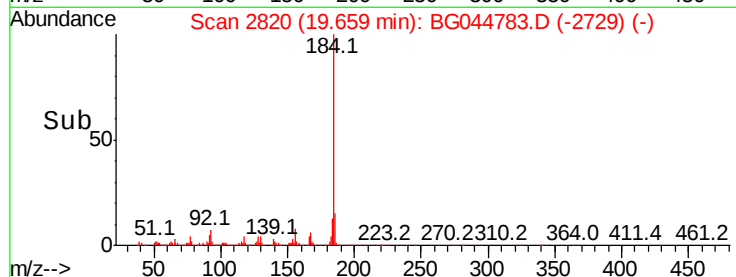
Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.9	19.3
183	12.9	10.6	15.8



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: 46.692 ng

RT: 19.84 min Scan# 2851

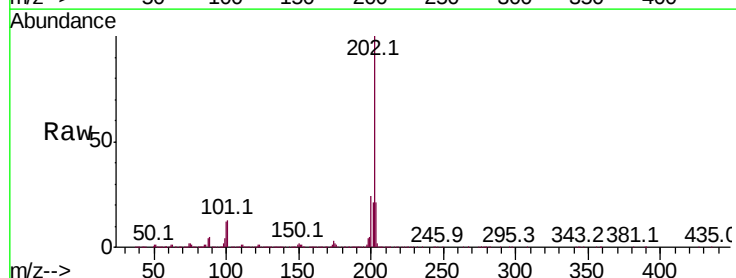
Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Tgt Ion:202 Resp: 1958756

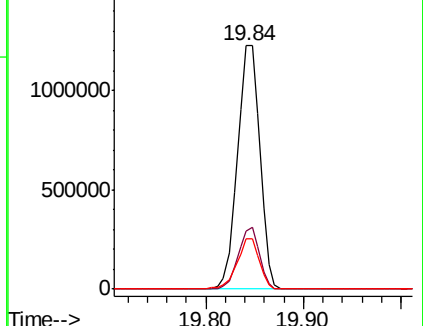
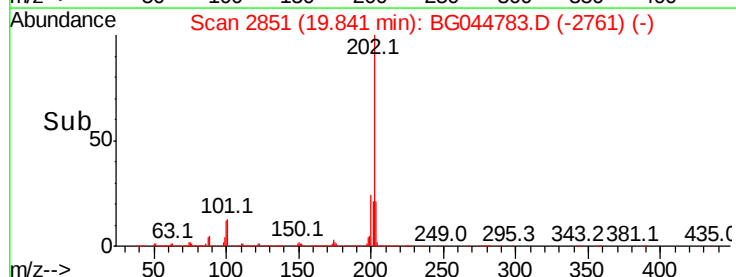
Ion	Ratio	Lower	Upper
202	100		
200	24.0	18.7	28.1
203	20.8	16.0	24.0

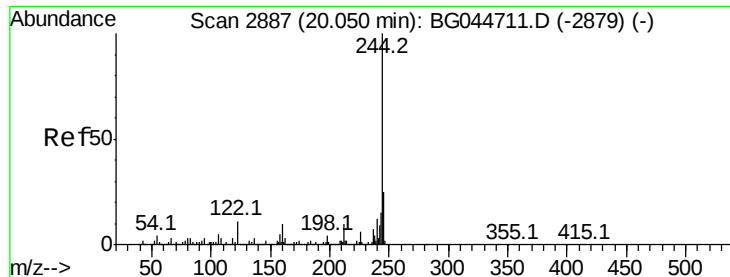


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.536 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Instrument :

BNA_G

ClientSampleId :

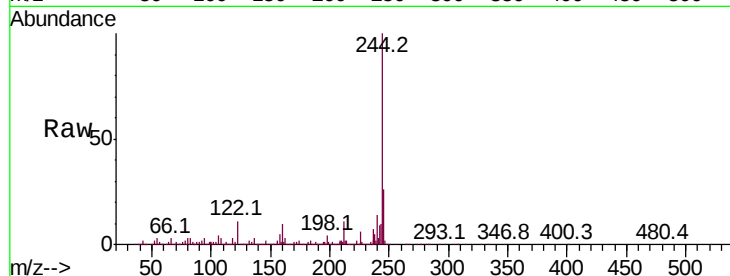
Tot Ion:244 Resp: 2522971

Ion	Ratio	Lower	Upper
244	100		
212	10.7	8.4	12.6
122	10.8	8.7	13.1

244 100

212 10.7 8.4 12.6

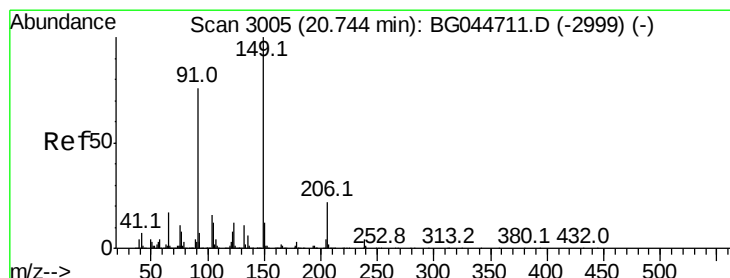
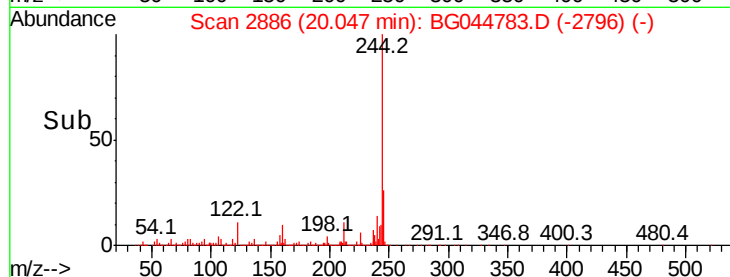
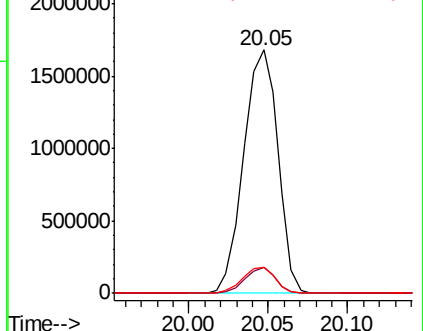
122 10.8 8.7 13.1



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: 45.229 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

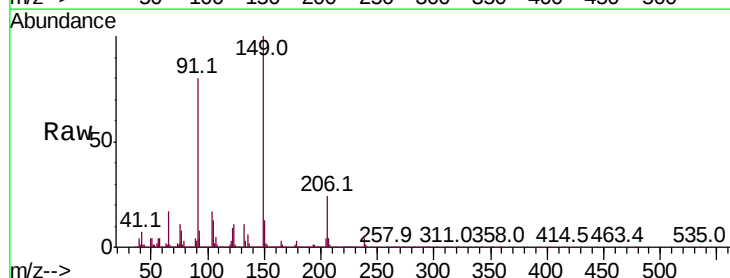
Tgt Ion:149 Resp: 844112

Ion	Ratio	Lower	Upper
149	100		
91	79.8	61.1	91.7
206	23.6	17.4	26.2

149 100

91 79.8 61.1 91.7

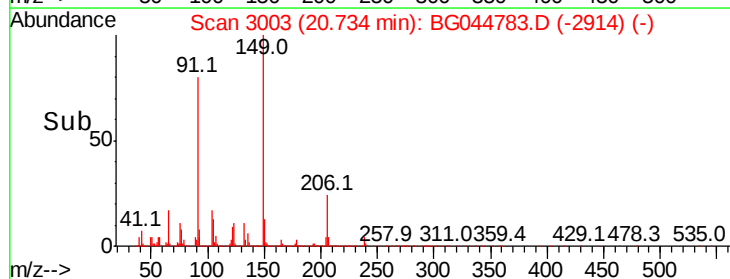
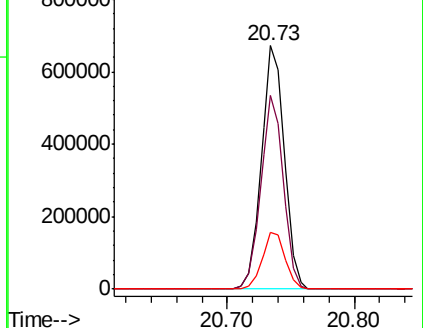
206 23.6 17.4 26.2

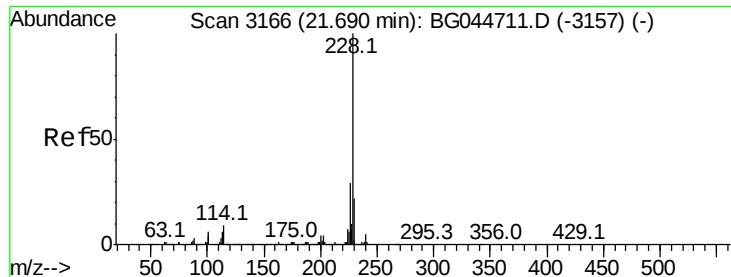


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.074 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

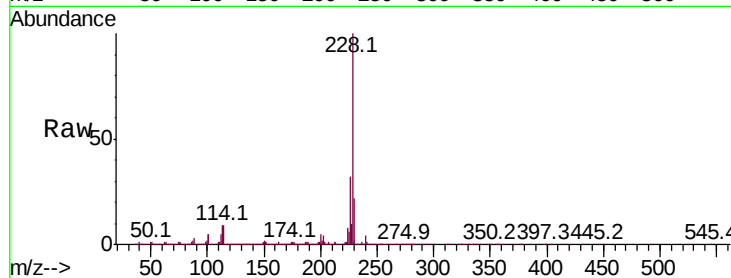
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1855869

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.5	35.3
229	22.3	17.2	25.8

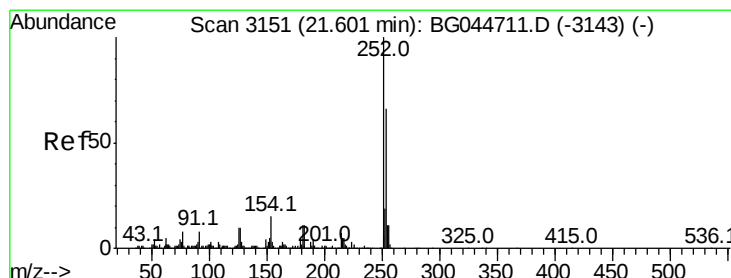
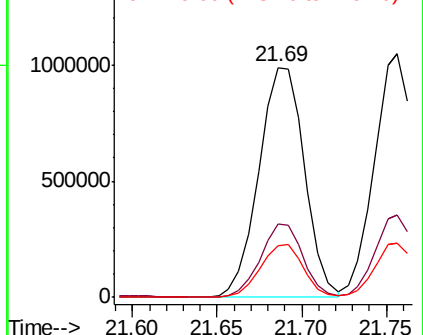
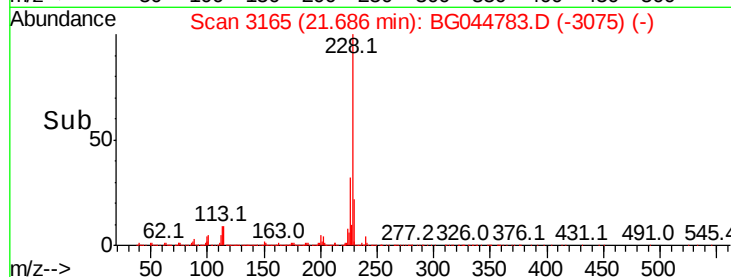


Abundance

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: 41.992 ng

RT: 21.60 min Scan# 3150

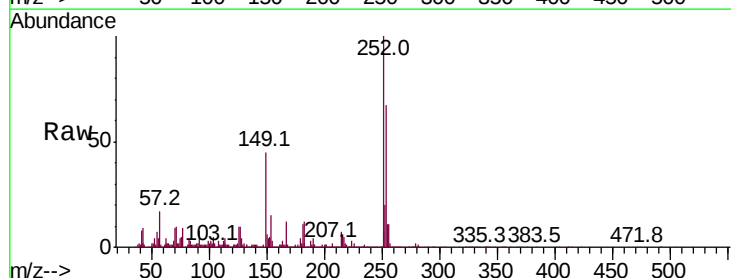
Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Tgt Ion:252 Resp: 668875

Ion	Ratio	Lower	Upper
252	100		
254	66.6	53.0	79.4
126	9.9	8.2	12.4

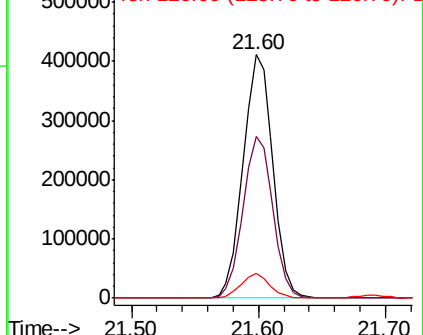
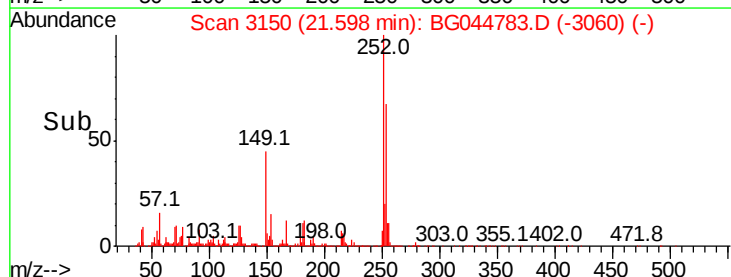


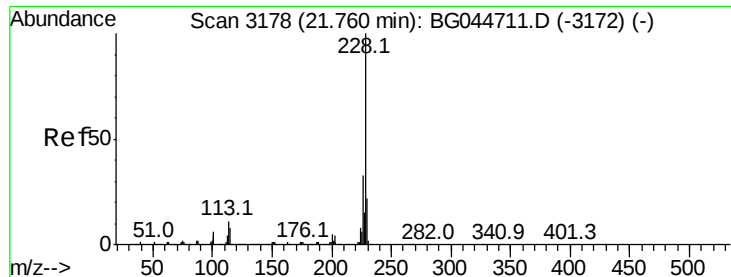
Abundance

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: 44.464 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

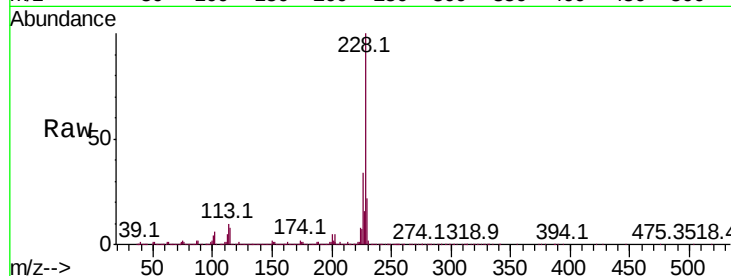
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1748775

Ion	Ratio	Lower	Upper
228	100		
226	33.8	26.1	39.1
229	22.2	17.4	26.0

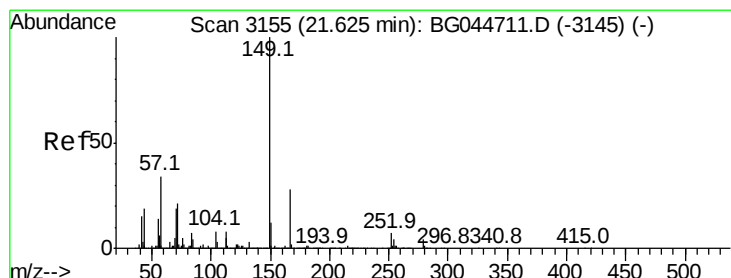
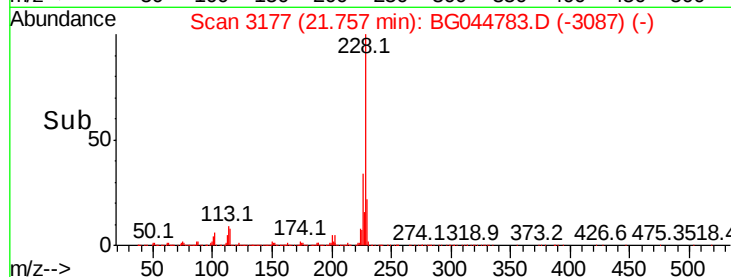
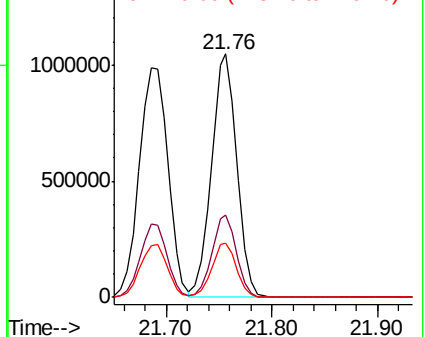


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.973 ng

RT: 21.62 min Scan# 3153

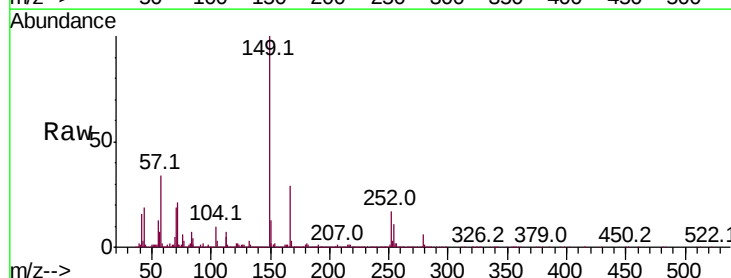
Delta R.T. -0.01 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Tgt Ion:149 Resp: 1158391

Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.6	33.8
279	5.6	3.5	5.3

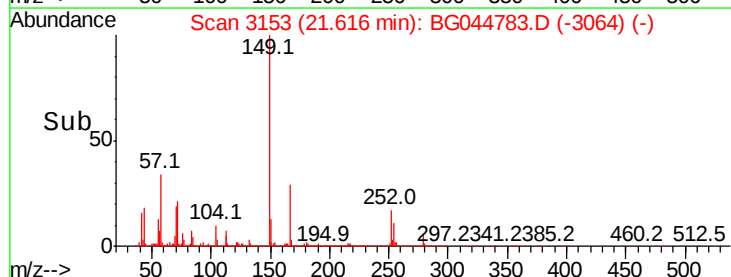
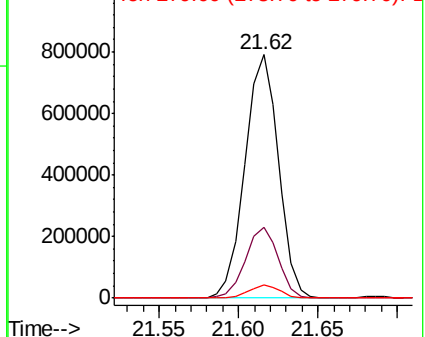


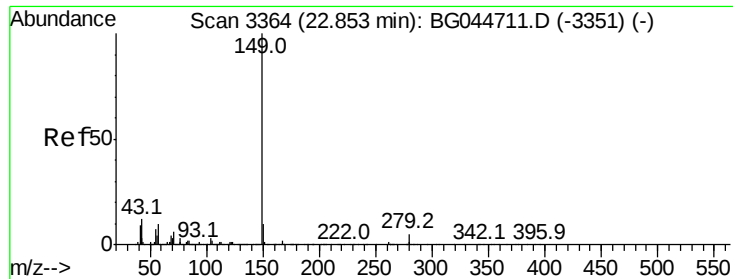
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.315 ng

RT: 22.84 min Scan# 3361

Delta R.T. -0.02 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

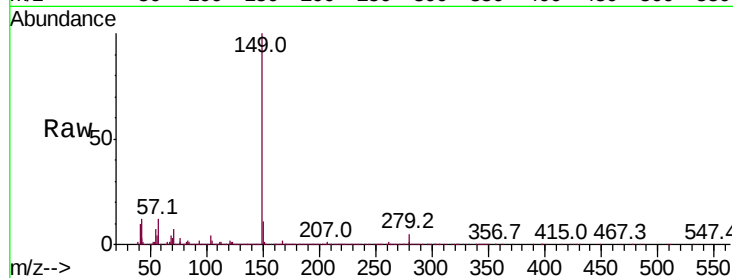
Instrument :

BNA_G

ClientSampled :

Tot Ion:149 Resp: 1953187

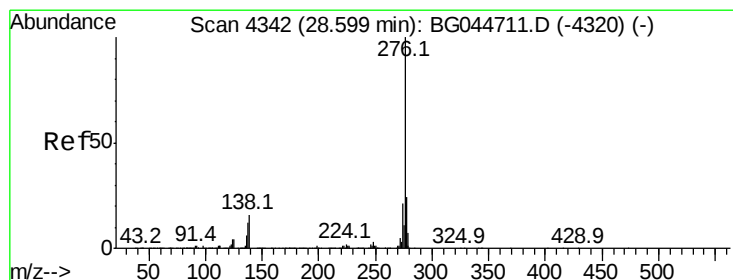
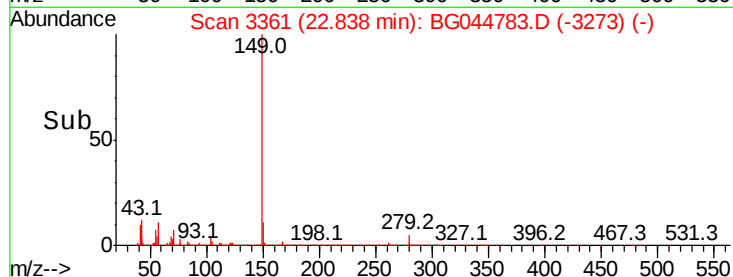
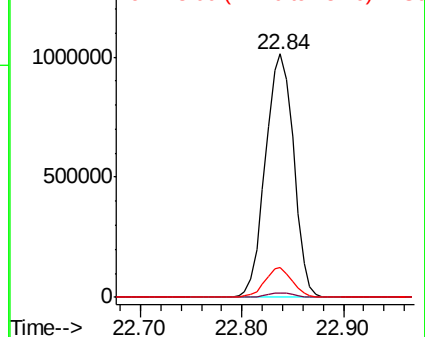
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	11.4	9.0	13.6



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: 41.821 ng

RT: 28.60 min Scan# 4341

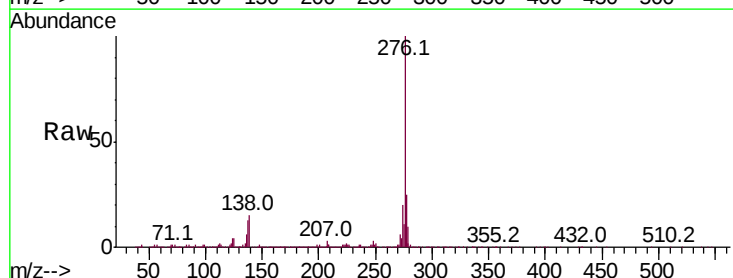
Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Tgt Ion:276 Resp: 2156381

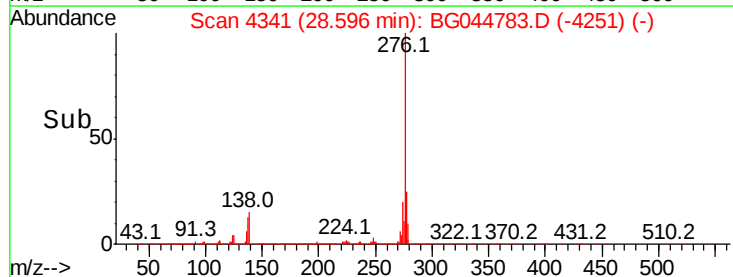
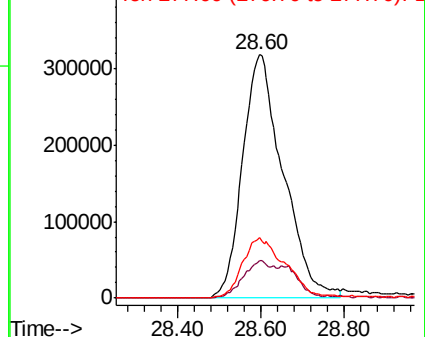
Ion	Ratio	Lower	Upper
276	100		
138	10.1	10.9	16.3#
277	25.9	20.8	31.2

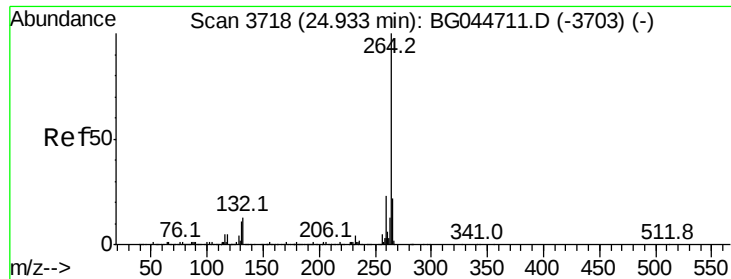


Abundance Ion 276.00 (275.70 to 276.70): E

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: BG044783.D

Acq: 14 Mar 2020 4:12

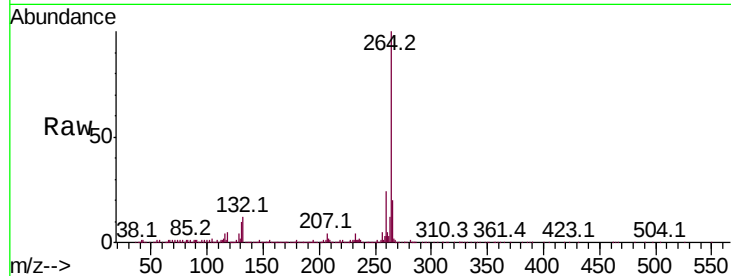
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 641196

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	20.4	17.4	26.2

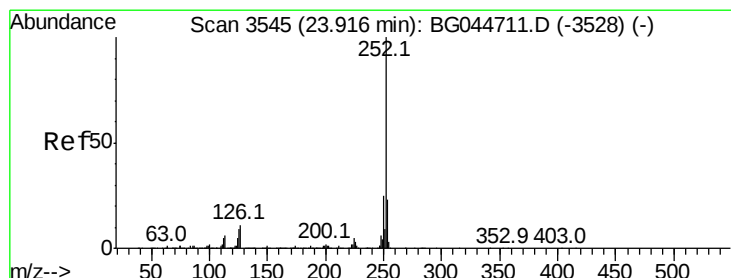
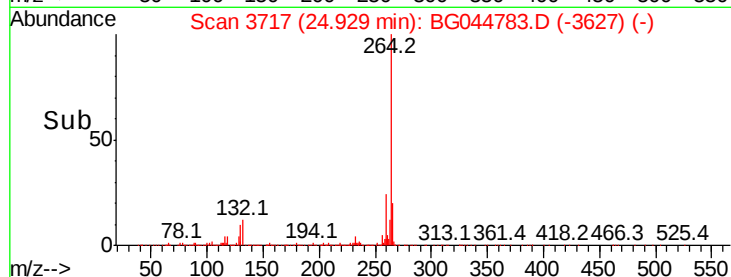
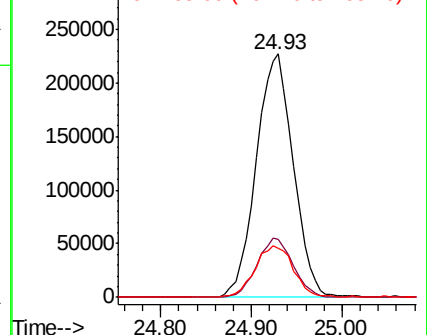


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.336 ng

RT: 23.91 min Scan# 3544

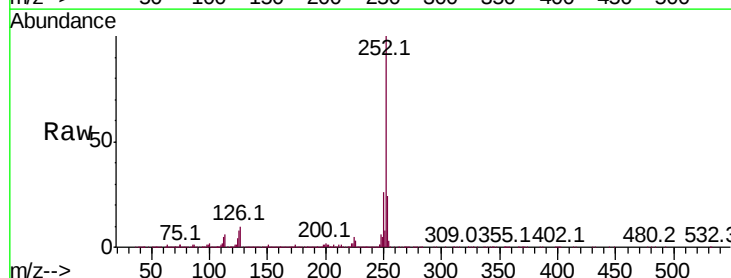
Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Tgt Ion:252 Resp: 1961395

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.7	28.1
125	7.8	7.2	10.8

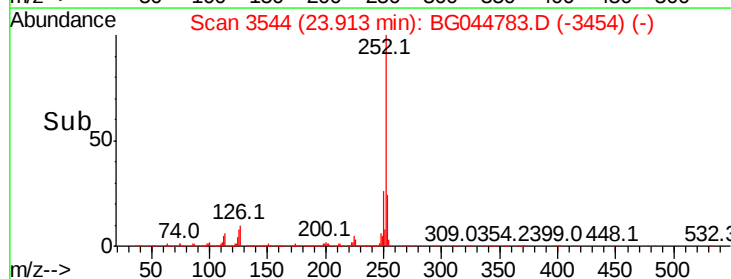
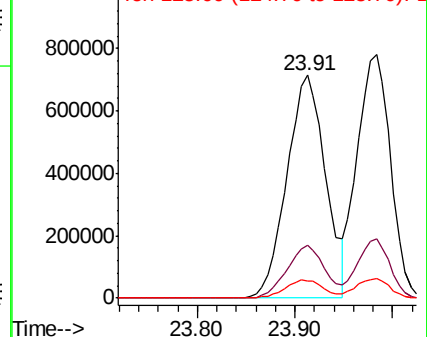


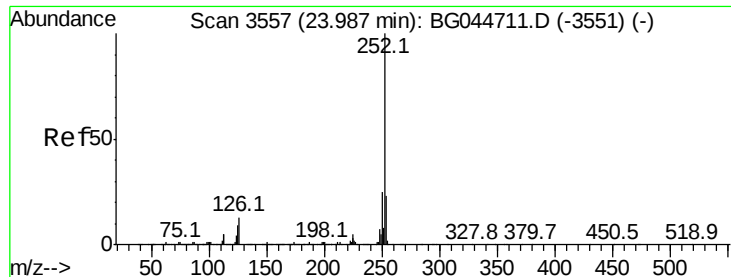
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.906 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Instrument :

BNA_G

ClientSampled :

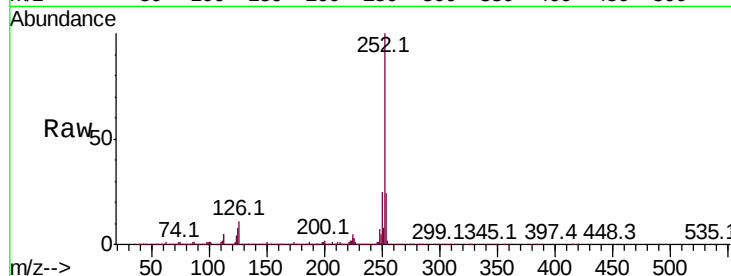
Tot Ion:252 Resp: 1838946

Ion Ratio Lower Upper

252 100

253 24.3 18.4 27.6

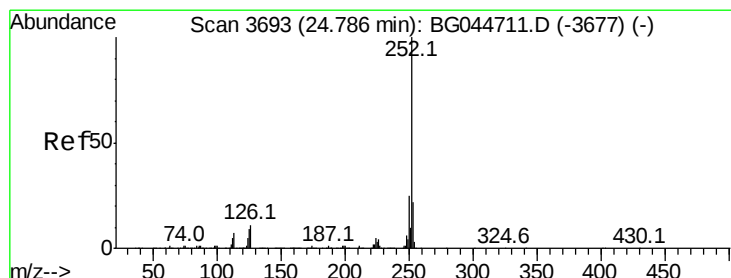
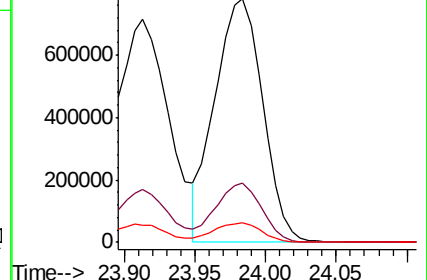
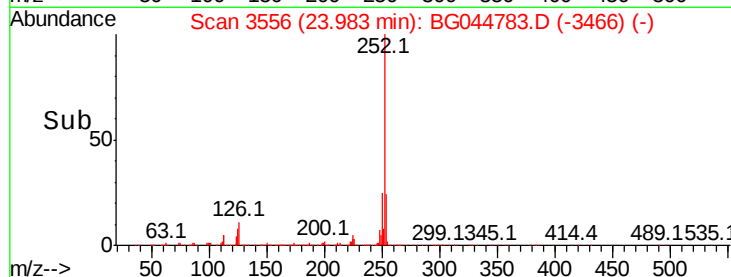
125 8.1 7.0 10.4



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: 44.792 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

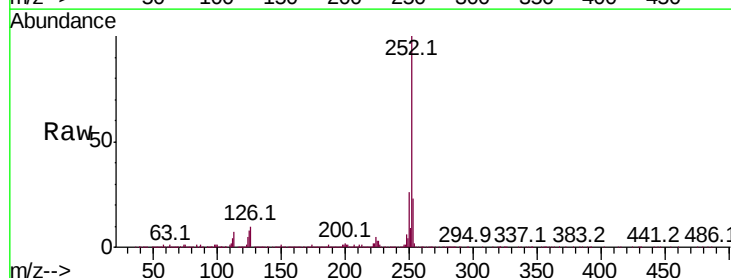
Tgt Ion:252 Resp: 1774164

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

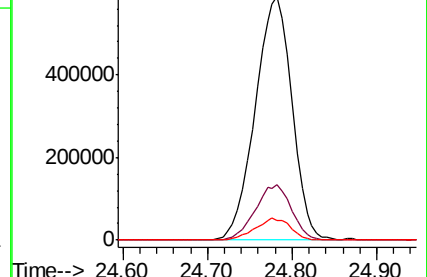
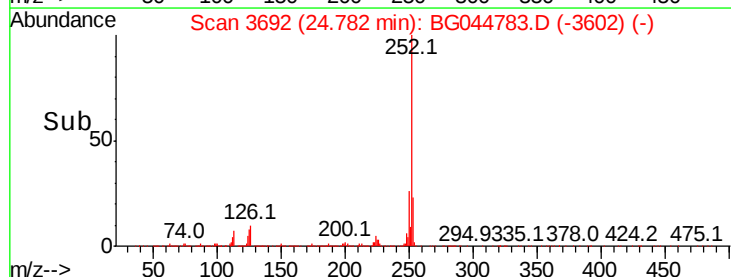
125 8.2 7.0 10.6

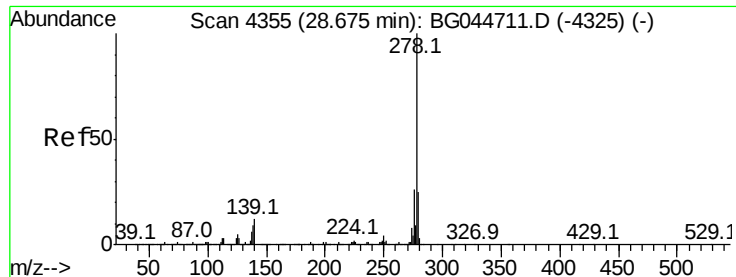


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.956 ng

RT: 28.67 min Scan# 4353

Delta R.T. -0.01 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

Instrument :

BNA_G

ClientSampled :

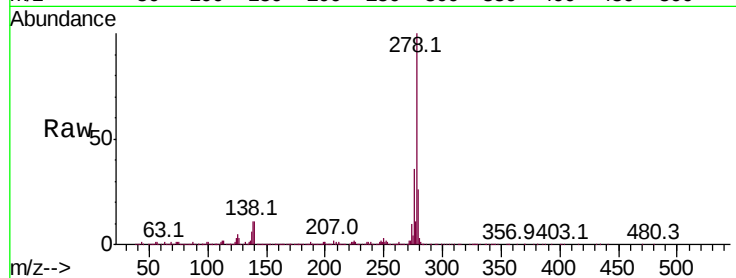
Tot Ion:278 Resp: 1795782

Ion Ratio Lower Upper

278 100

139 11.2 9.9 14.9

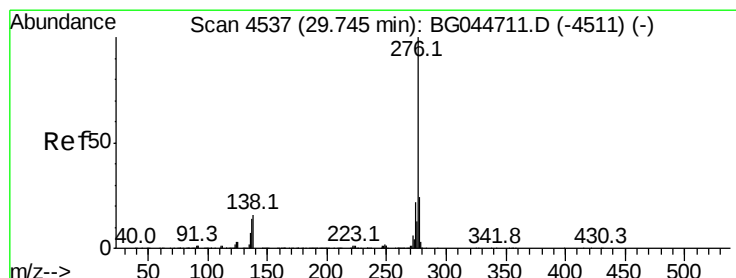
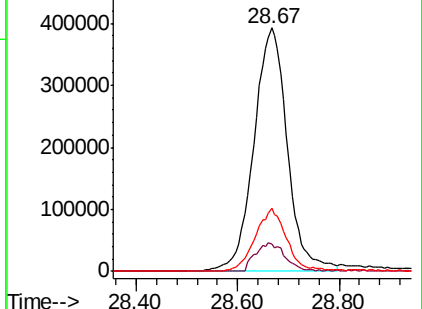
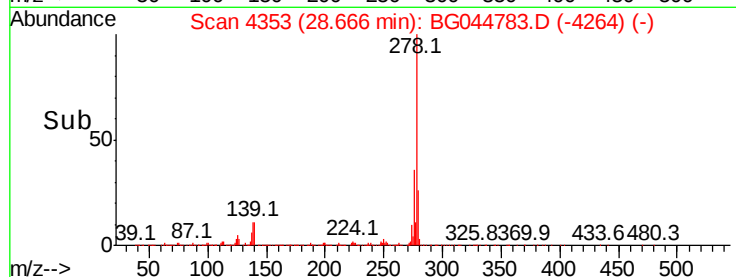
279 26.0 20.2 30.4



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: 42.329 ng

RT: 29.74 min Scan# 4535

Delta R.T. -0.01 min

Lab File: BG044783.D

Acq: 14 Mar 2020 4:12

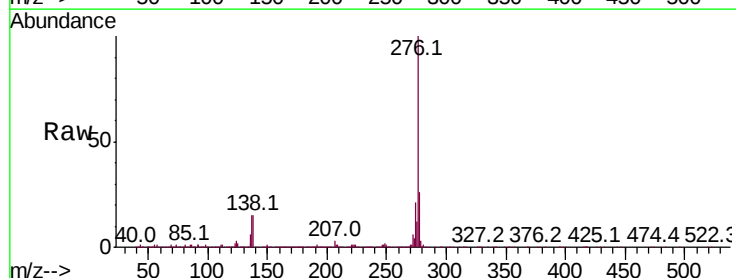
Tgt Ion:276 Resp: 1671144

Ion Ratio Lower Upper

276 100

277 25.8 18.8 28.2

138 15.3 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

