

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
 Data File : BG044709.D
 Acq On : 10 Mar 2020 11:10
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 10 14:12:13 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 14:03:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	88176	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	359601	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	249359	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	559998	20.00	ng	0.00
76) Chrysene-d12	21.71	240	512184	20.00	ng	0.00
87) Perylene-d12	24.94	264	588210	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	121380	20.67	ng	0.01
7) Phenol-d6	7.21	99	182685	20.59	ng	0.00
23) Nitrobenzene-d5	9.22	82	165848	21.00	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	66175	19.32	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	412023	23.02	ng	0.00
79) Terphenyl-d14	20.05	244	666184	23.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	29158	10.361	ng	97
3) Pyridine	3.93	79	82986	9.511	ng	96
4) n-Nitrosodimethylamine	3.85	42	28036	7.596	ng	# 87
6) Aniline	7.38	93	111296	10.011	ng	96
8) 2-Chlorophenol	7.63	128	63426	10.659	ng	96
9) Benzaldehyde	7.19	77	67005	12.863	ng	98
10) Phenol	7.24	94	90218	10.320	ng	94
11) bis(2-Chloroethyl)ether	7.48	93	75143	11.186	ng	92
12) 1,3-Dichlorobenzene	7.95	146	78780	11.132	ng	98
13) 1,4-Dichlorobenzene	8.10	146	77047	10.897	ng	96
14) 1,2-Dichlorobenzene	8.42	146	75028	11.226	ng	94
15) Benzyl Alcohol	8.29	79	69508	9.079	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	129047	10.168	ng	95
17) 2-Methylphenol	8.50	107	60207	10.051	ng	97
18) Hexachloroethane	9.16	117	29388	10.363	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	64615	9.746	ng	# 97
20) 3+4-Methylphenols	8.82	107	80402	9.635	ng	98
22) Acetophenone	8.88	105	113533	10.815	ng	98
24) Nitrobenzene	9.26	77	84776	10.124	ng	99
25) Isophorone	9.79	82	171349	9.838	ng	# 96
26) 2-Nitrophenol	9.97	139	21529	7.862	ng	97
27) 2,4-Dimethylphenol	10.03	122	54926	10.052	ng	86
28) bis(2-Chloroethoxy)methane	10.27	93	106226	10.833	ng	100
29) 2,4-Dichlorophenol	10.51	162	60472	9.726	ng	94
30) 1,2,4-Trichlorobenzene	10.74	180	78702	10.897	ng	94
31) Naphthalene	10.93	128	225533	11.176	ng	98
32) Benzoic acid	10.11	122	21704	5.664	ng	# 83
33) 4-Chloroaniline	11.02	127	99529	10.708	ng	95
34) Hexachlorobutadiene	11.22	225	50643	10.263	ng	97
35) Caprolactam	11.77	113	21848	8.418	ng	92
36) 4-Chloro-3-methylphenol	12.14	107	74532	9.466	ng	97
37) 2-Methylnaphthalene	12.53	142	166781	10.951	ng	97
38) 1-Methylnaphthalene	12.74	142	157078	10.911	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	89761	11.088	ng	99

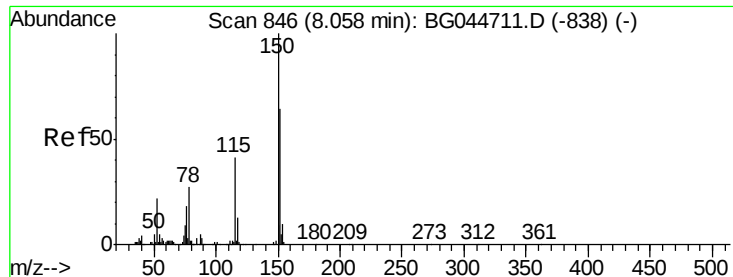
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
 Data File : BG044709.D
 Acq On : 10 Mar 2020 11:10
 Operator : CG/JU
 Sample : SSTDICC010
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 14:03:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	43097	9.104	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	51394	9.158	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	57197	9.938	ng	# 96
46) 1,1'-Biphenyl	13.53	154	224559	11.322	ng	99
47) 2-Chloronaphthalene	13.57	162	168158	11.115	ng	96
48) 2-Nitroaniline	13.76	65	44588	8.739	ng	98
49) Acenaphthylene	14.42	152	271083	11.184	ng	98
50) Dimethylphthalate	14.14	163	222125	10.715	ng	99
51) 2,6-Dinitrotoluene	14.26	165	37242	9.998	ng	92
52) Acenaphthene	14.76	154	167631	10.696	ng	94
53) 3-Nitroaniline	14.58	138	43306	10.088	ng	92
54) 2,4-Dinitrophenol	14.79	184	13379	7.736	ng	# 75
55) Dibenzofuran	15.09	168	260760	11.104	ng	95
56) 4-Nitrophenol	14.87	139	31666	9.480	ng	88
57) 2,4-Dinitrotoluene	15.04	165	47123	9.467	ng	99
58) Fluorene	15.74	166	216792	11.162	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.23	232	49386	9.016	ng	98
60) Diethylphthalate	15.51	149	229429	10.352	ng	98
61) 4-Chlorophenyl-phenylether	15.74	204	111672	10.596	ng	99
62) 4-Nitroaniline	15.74	138	48950	10.352	ng	97
63) Azobenzene	16.03	77	248874	10.730	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	17307	7.565	ng	93
66) n-Nitrosodiphenylamine	15.94	169	185179	10.815	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	76192	10.788	ng	95
68) Hexachlorobenzene	16.75	284	81667	10.709	ng	98
69) Atrazine	16.89	200	72045	10.888	ng	99
70) Pentachlorophenol	17.09	266	35775	8.267	ng	92
71) Phenanthrene	17.48	178	339800	11.066	ng	97
72) Anthracene	17.57	178	338407	11.189	ng	95
73) Carbazole	17.83	167	326762	11.282	ng	95
74) Di-n-butylphthalate	18.41	149	397224	10.889	ng	# 96
75) Fluoranthene	19.49	202	420844	11.340	ng	98
77) Benzidine	19.66	184	183494	8.975	ng	98
78) Pyrene	19.84	202	435094	11.137	ng	95
80) Butylbenzylphthalate	20.75	149	161080	9.237	ng	97
81) Benzo(a)anthracene	21.69	228	418273	10.890	ng	97
82) 3,3'-Dichlorobenzidine	21.61	252	150302	9.828	ng	95
83) Chrysene	21.76	228	404880	11.075	ng	94
84) Bis(2-ethylhexyl)phthalate	21.63	149	239534	9.850	ng	96
85) Di-n-octyl phthalate	22.86	149	388613	9.306	ng	98
86) Indeno(1,2,3-cd)pyrene	28.59	276	473887	9.815	ng	100
88) Benzo(b)fluoranthene	23.92	252	430478	10.753	ng	99
89) Benzo(k)fluoranthene	23.98	252	408280	10.880	ng	97
90) Benzo(a)pyrene	24.79	252	391836	10.509	ng	100
91) Dibenzo(a,h)anthracene	28.67	278	386954	10.408	ng	95
92) Benzo(g,h,i)perylene	29.72	276	381700	10.249	ng	99

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

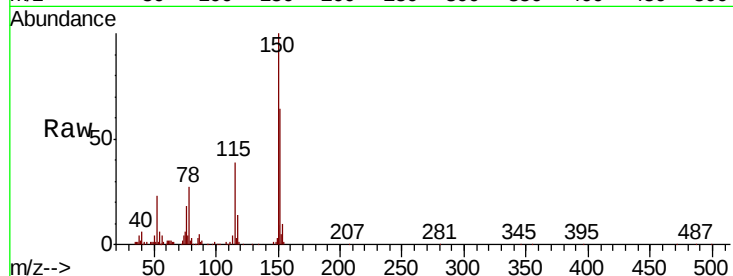


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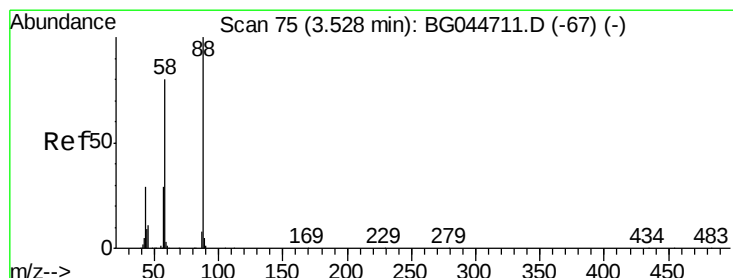
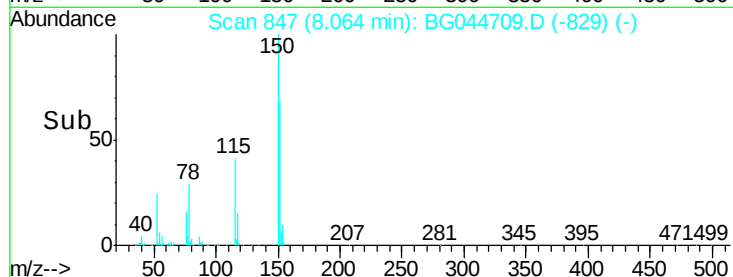
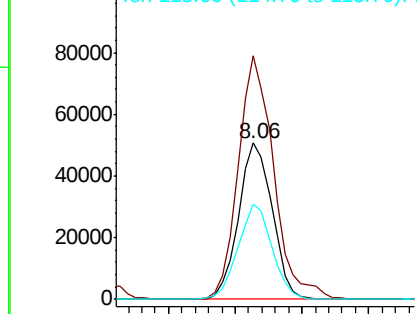
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 847
Delta R.T. 0.01 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 88176
Ion Ratio Lower Upper
152 100
150 155.9 125.3 187.9
115 60.5 51.7 77.5



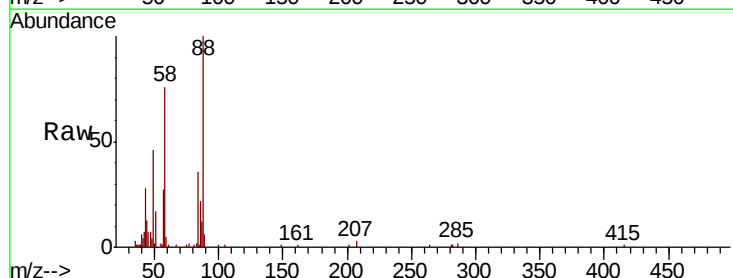
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



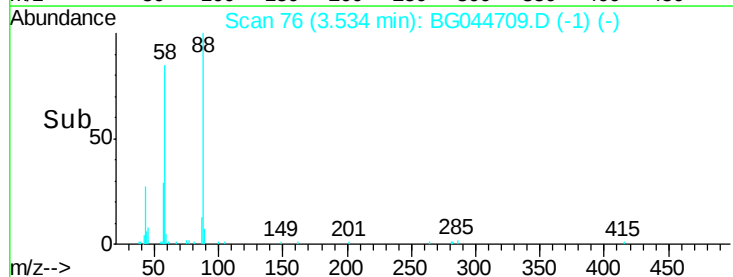
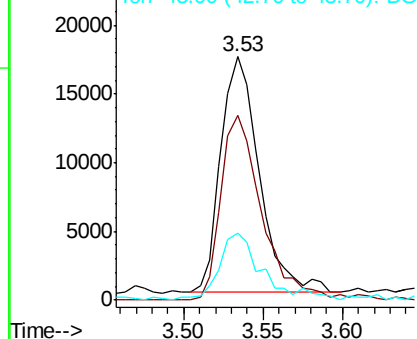
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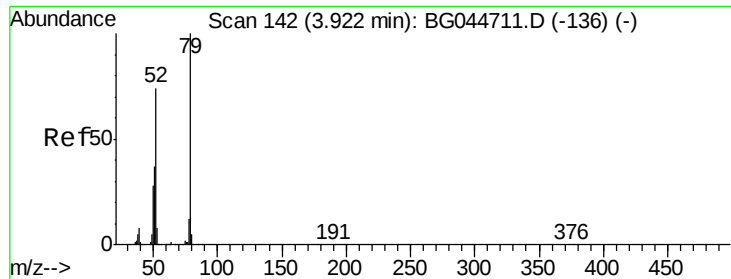
1,4-Dioxane
Concen: 10.361 ng
RT: 3.53 min Scan# 76
Delta R.T. 0.01 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

Tgt Ion: 88 Resp: 29158
Ion Ratio Lower Upper
88 100
58 82.8 63.0 94.4
43 28.9 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: 9.511 ng

RT: 3.93 min Scan# 144

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampleId :

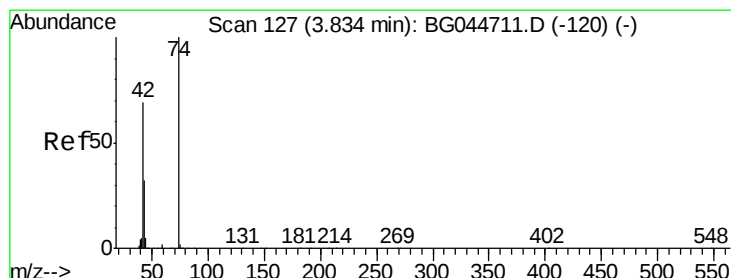
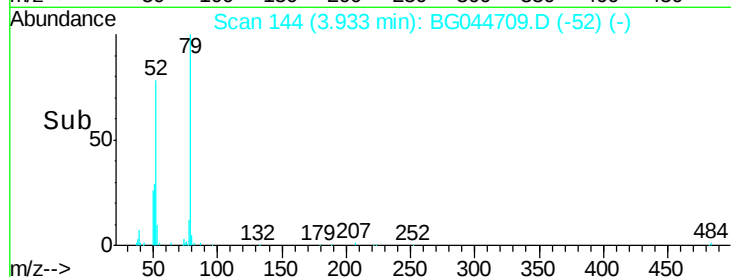
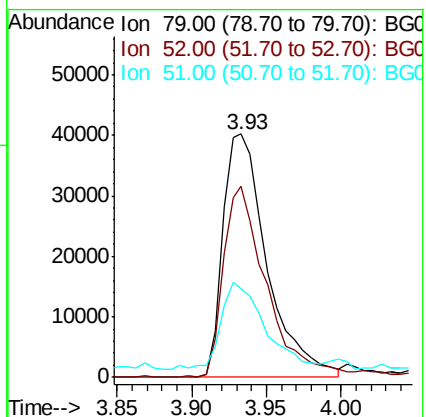
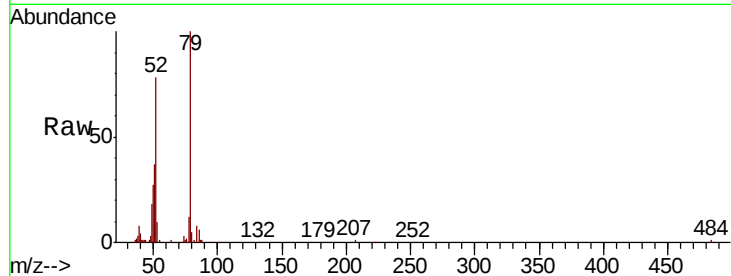
Tot Ion: 79 Resp: 82986

Ion Ratio Lower Upper

79 100

52 78.4 59.4 89.2

51 36.6 29.7 44.5



#4

n-Nitrosodimethylamine

Concen: 7.596 ng

RT: 3.85 min Scan# 129

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

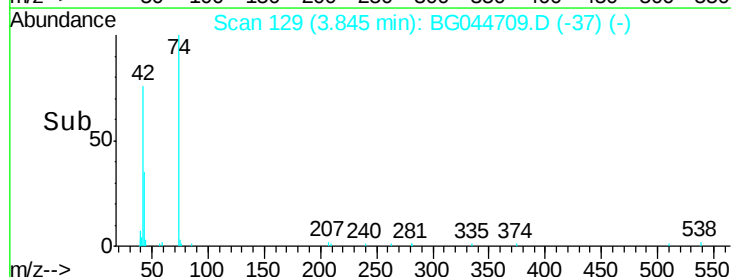
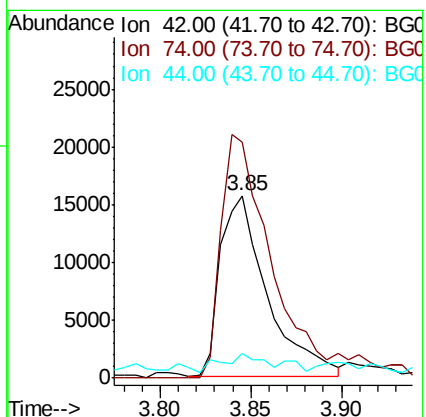
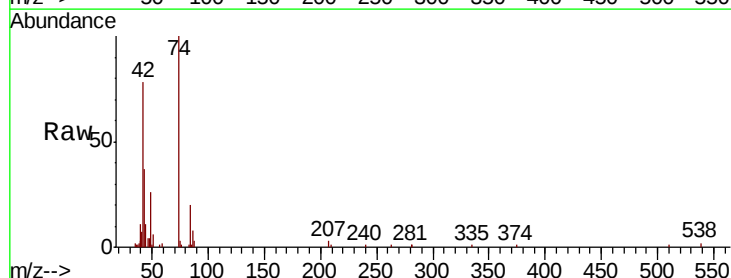
Tgt Ion: 42 Resp: 28036

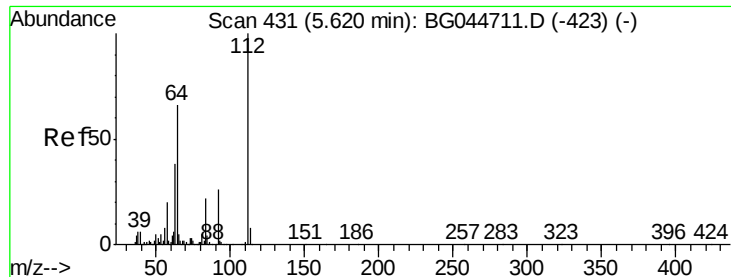
Ion Ratio Lower Upper

42 100

74 129.0 116.1 174.1

44 13.9 7.1 10.7#





#5

2-Fluorophenol

Concen: 20.674 ng

RT: 5.63 min Scan# 433

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampleId :

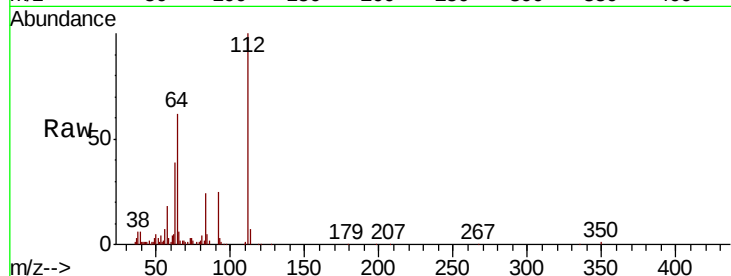
Tot Ion:112 Resp: 121380

Ion Ratio Lower Upper

112 100

64 62.3 52.6 78.8

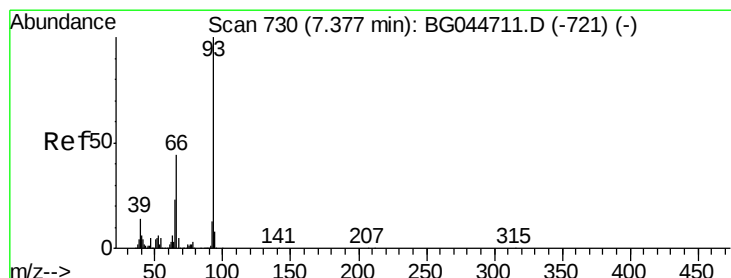
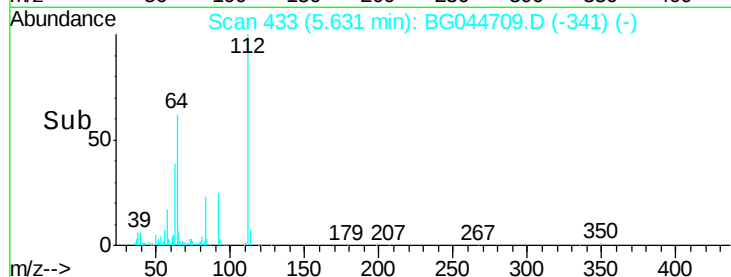
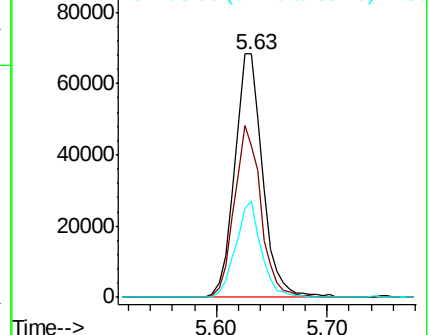
63 39.4 30.2 45.4



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: 10.011 ng

RT: 7.38 min Scan# 731

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

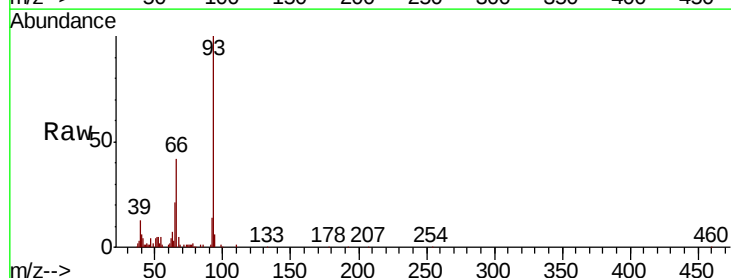
Tgt Ion: 93 Resp: 111296

Ion Ratio Lower Upper

93 100

66 42.0 35.3 52.9

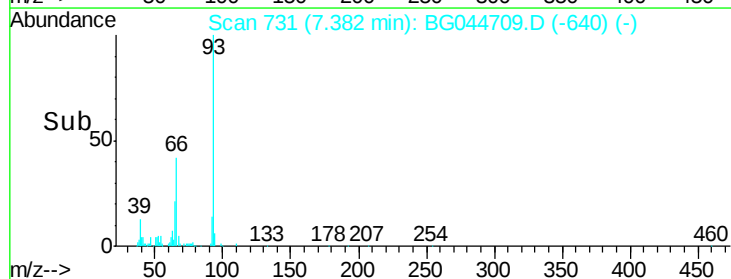
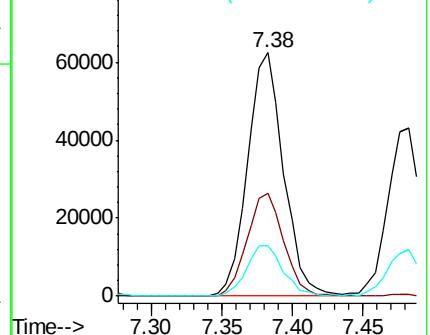
65 20.8 18.2 27.4

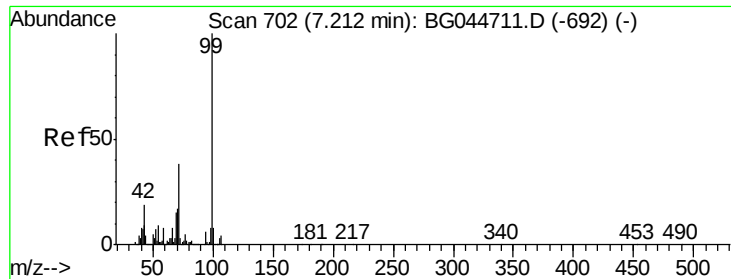


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 20.585 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampled :

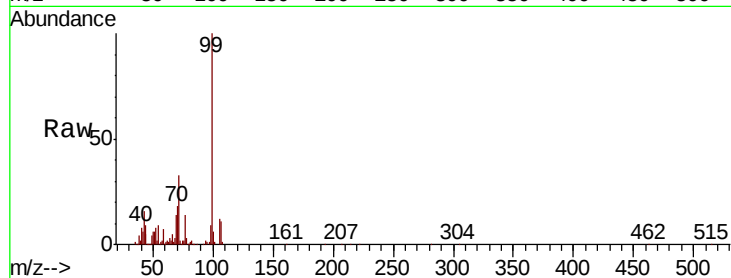
Tot Ion: 99 Resp: 182685

Ion Ratio Lower Upper

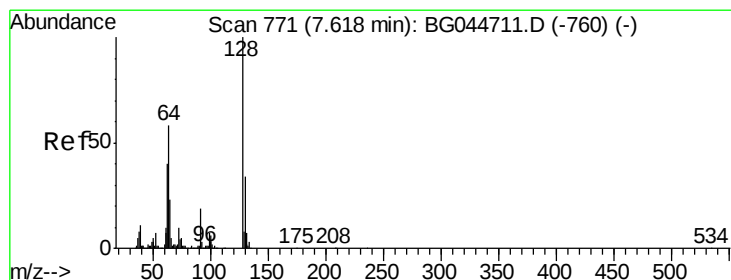
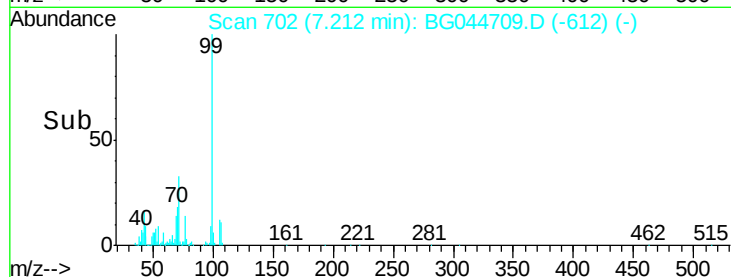
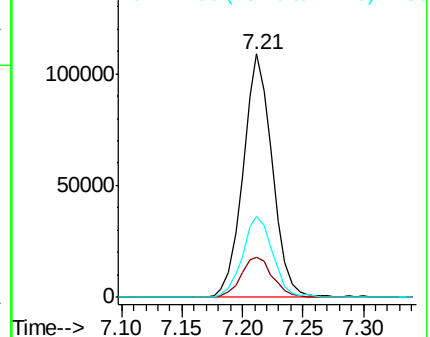
99 100

42 16.3 15.4 23.0

71 33.5 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: 10.659 ng

RT: 7.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

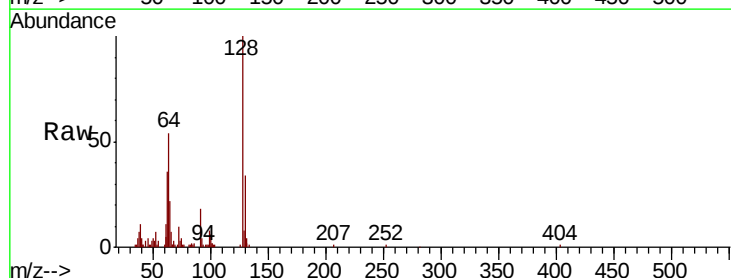
Tgt Ion: 128 Resp: 63426

Ion Ratio Lower Upper

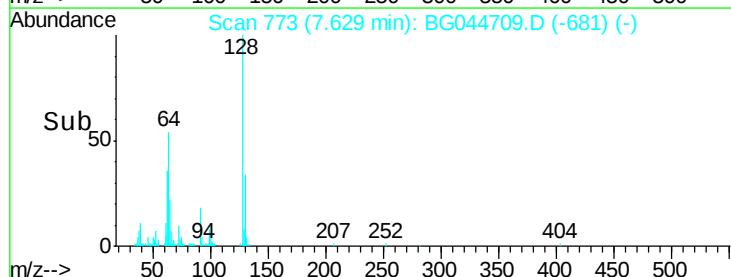
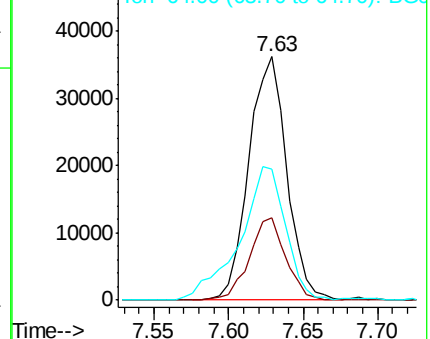
128 100

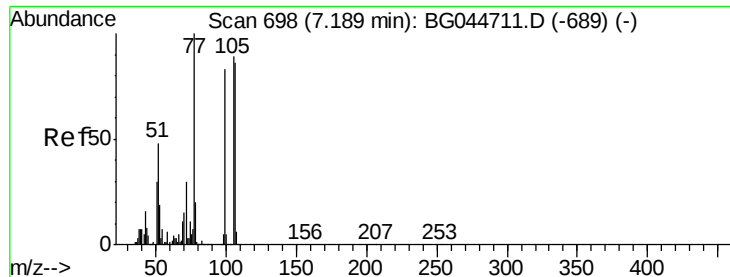
130 33.7 13.6 53.6

64 54.0 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: 12.863 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampled :

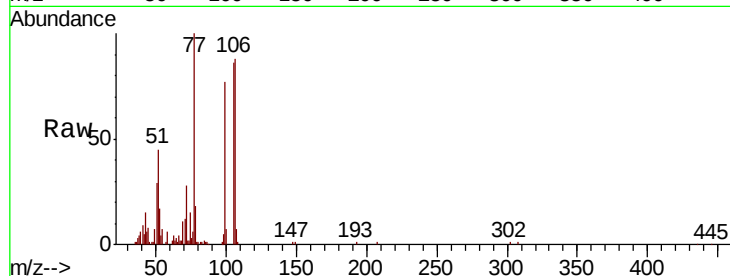
Tot Ion: 77 Resp: 67005

Ion Ratio Lower Upper

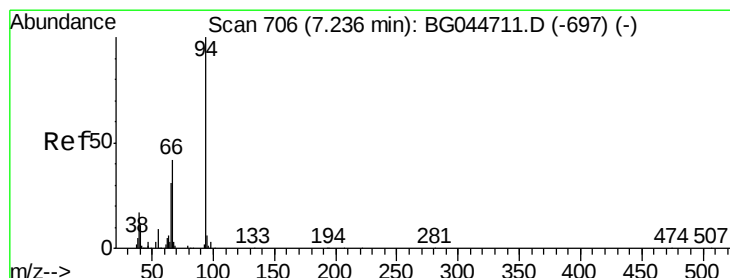
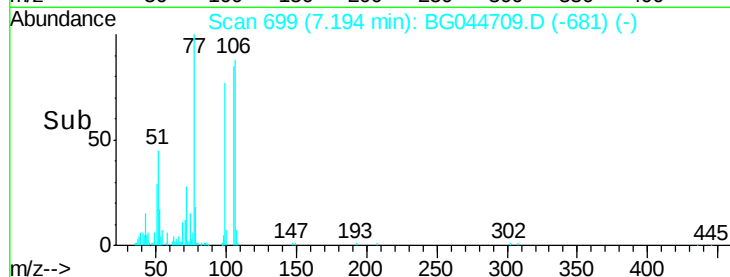
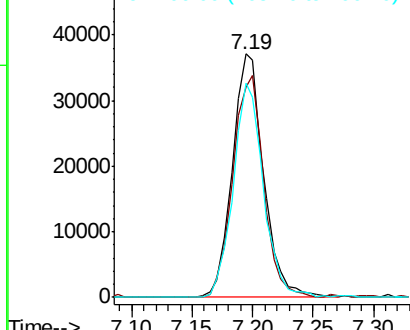
77 100

105 86.3 68.6 108.6

106 88.2 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: 10.320 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

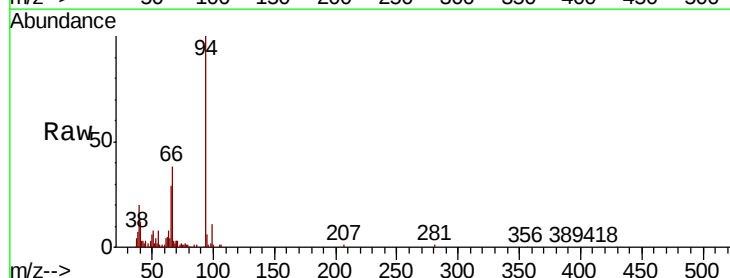
Tgt Ion: 94 Resp: 90218

Ion Ratio Lower Upper

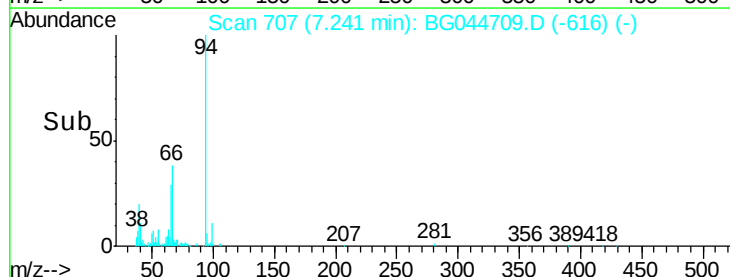
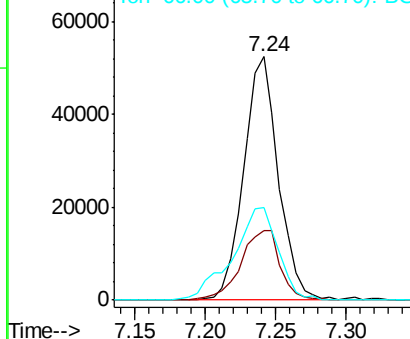
94 100

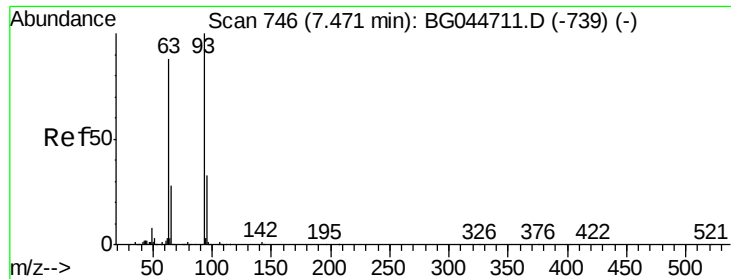
65 28.8 11.3 51.3

66 38.0 22.9 62.9



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

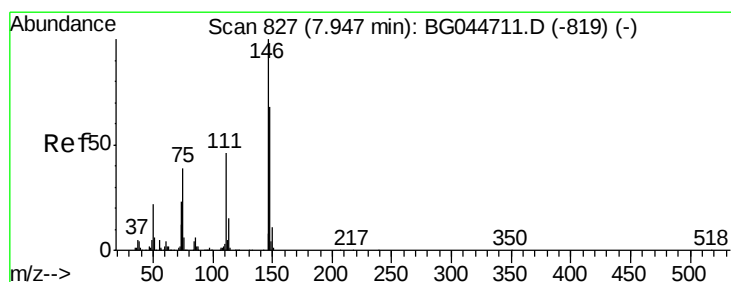
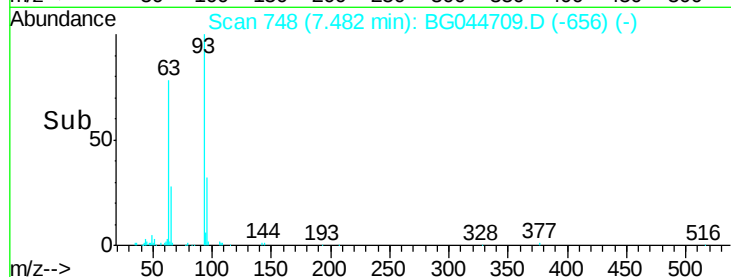
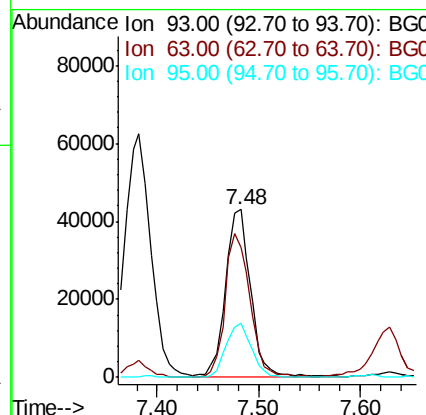
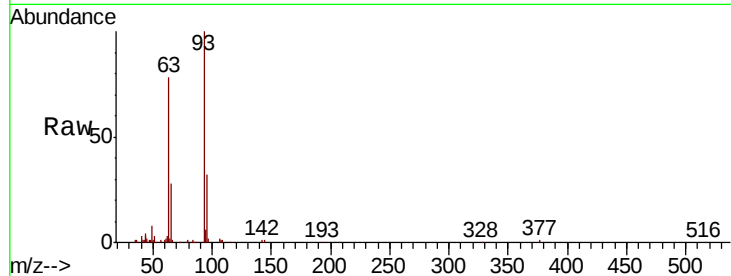




#11
bis(2-Chloroethyl)ether
Concen: 11.186 ng
RT: 7.48 min Scan# 748
Delta R.T. 0.01 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

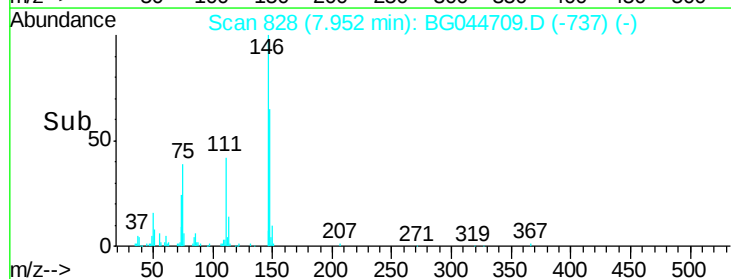
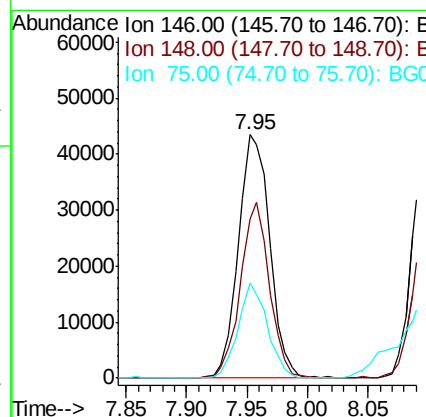
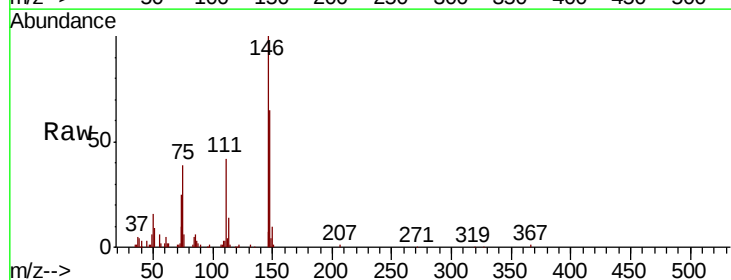
Instrument :
BNA_G
ClientSampleId :

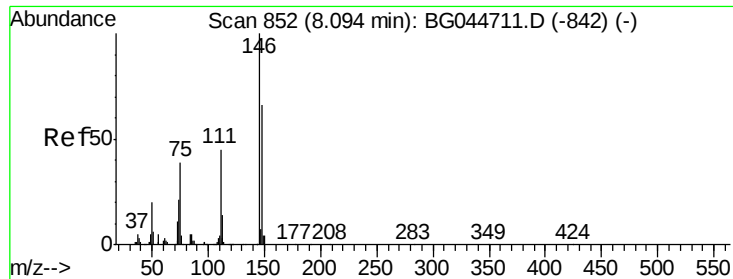
Tot Ion	93	Resp	75143
Ion Ratio	Lower	Upper	
93	100		
63	77.7	68.1	108.1
95	32.2	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 11.132 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.01 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

Tgt Ion	146	Resp	78780
Ion Ratio	Lower	Upper	
146	100		
148	65.2	54.2	81.2
75	38.9	31.3	46.9

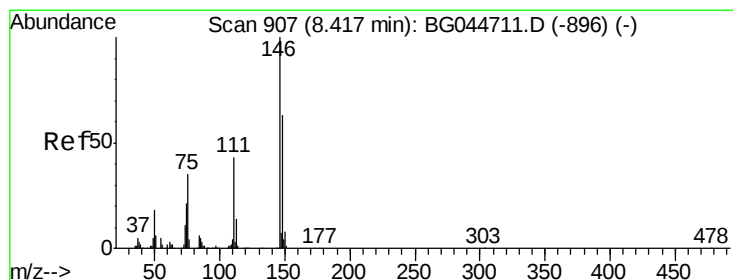
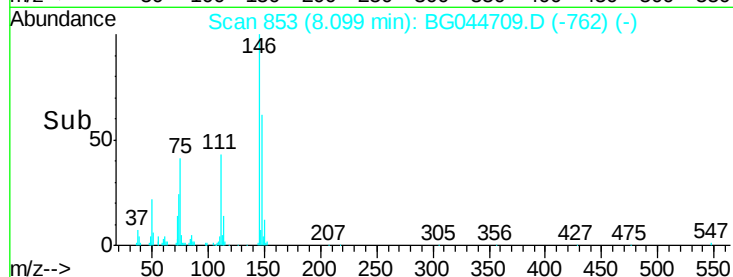
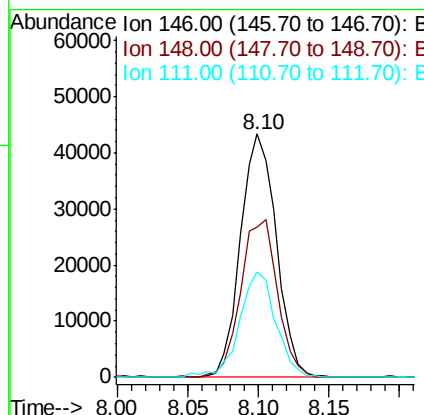
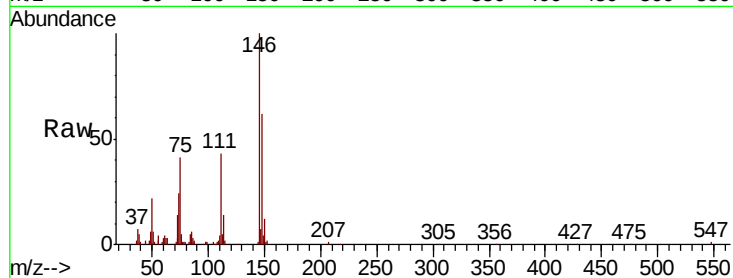




#13
 1,4-Dichlorobenzene
 Concen: 10.897 ng
 RT: 8.10 min Scan# 853
 Delta R.T. 0.01 min
 Lab File: BG044709.D
 Acq: 10 Mar 2020 11:10

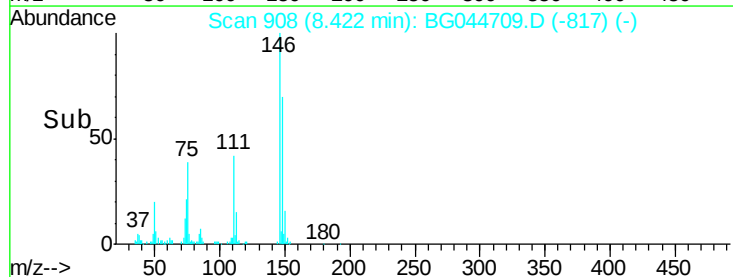
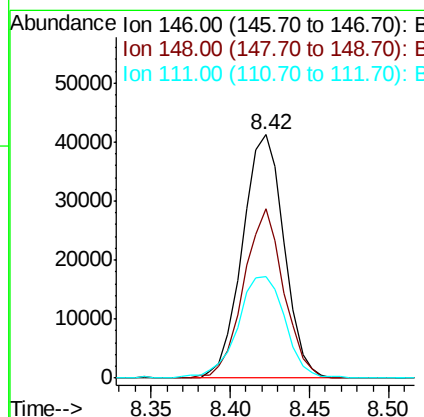
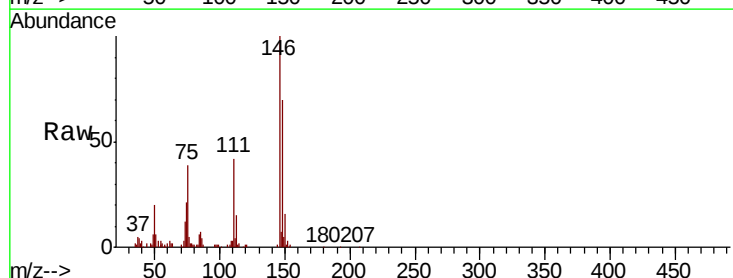
Instrument :
 BNA_G
 ClientSampleId :

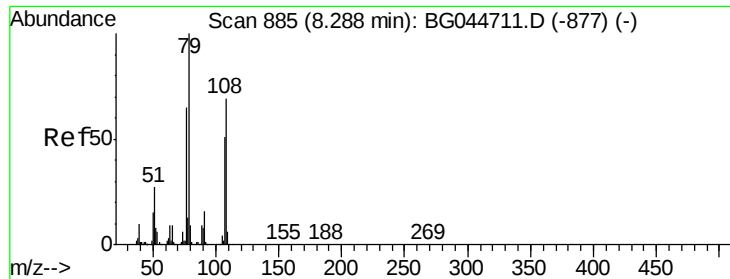
Tot Ion:146 Resp: 77047
 Ion Ratio Lower Upper
 146 100
 148 61.8 52.9 79.3
 111 43.4 35.6 53.4



#14
 1,2-Dichlorobenzene
 Concen: 11.226 ng
 RT: 8.42 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BG044709.D
 Acq: 10 Mar 2020 11:10

Tgt Ion:146 Resp: 75028
 Ion Ratio Lower Upper
 146 100
 148 69.5 50.8 76.2
 111 41.6 34.8 52.2





#15

Benzyl Alcohol

Concen: 9.079 ng

RT: 8.29 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampleId :

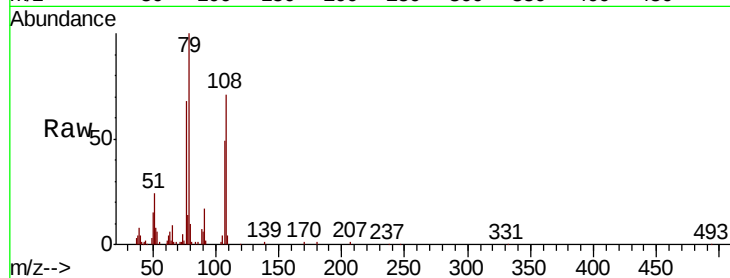
Tot Ion: 79 Resp: 69508

Ion Ratio Lower Upper

79 100

108 71.1 55.4 83.0

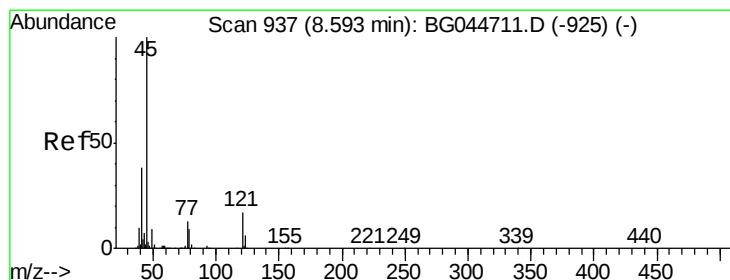
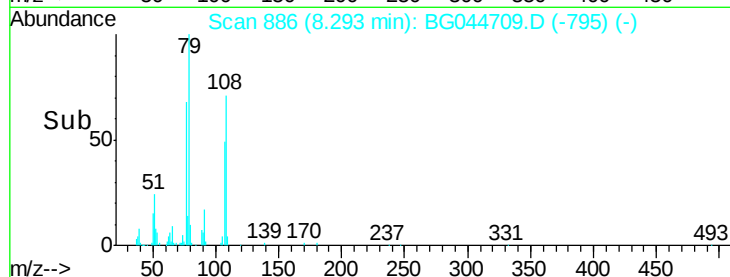
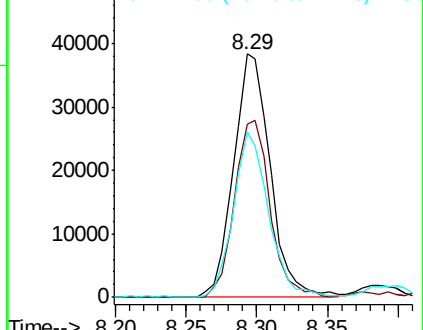
77 68.0 52.2 78.4



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: 10.168 ng

RT: 8.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

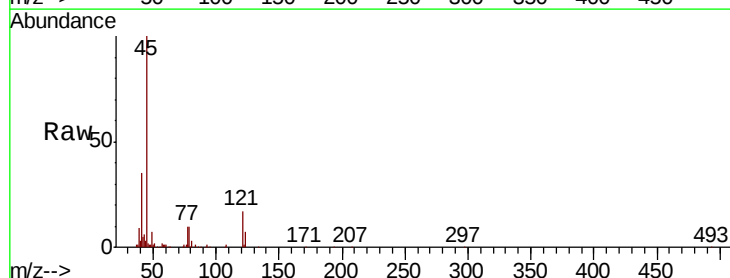
Tgt Ion: 45 Resp: 129047

Ion Ratio Lower Upper

45 100

77 10.3 0.0 33.4

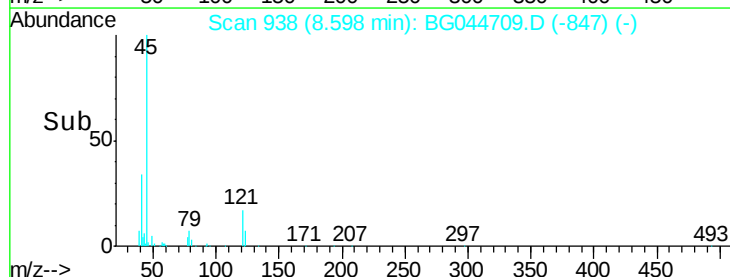
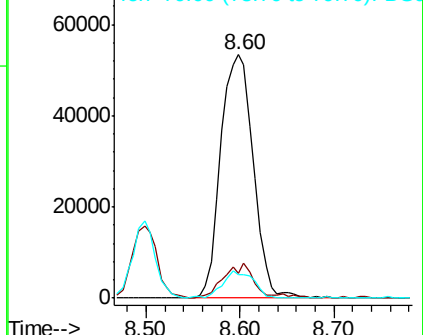
79 9.7 0.0 30.0

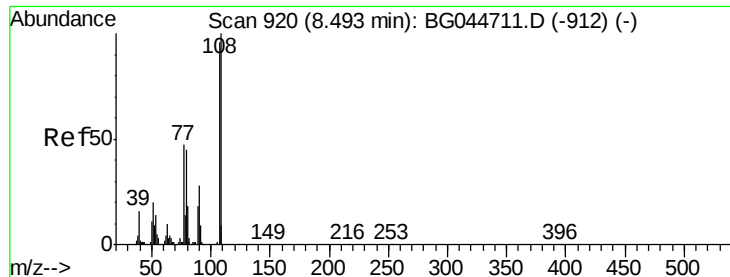


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 10.051 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 60207

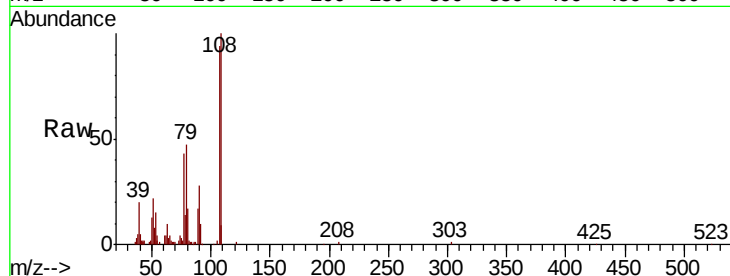
Ion Ratio Lower Upper

107 100

108 106.8 83.2 124.8

77 46.3 39.0 58.6

79 49.7 37.6 56.4

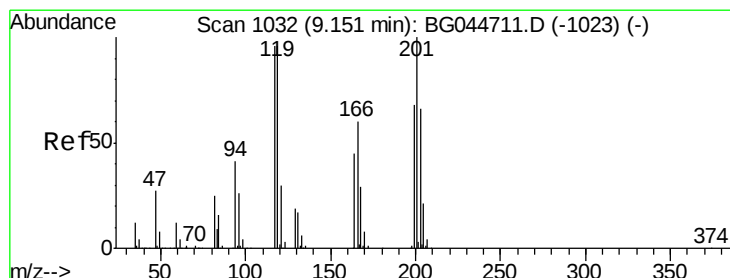
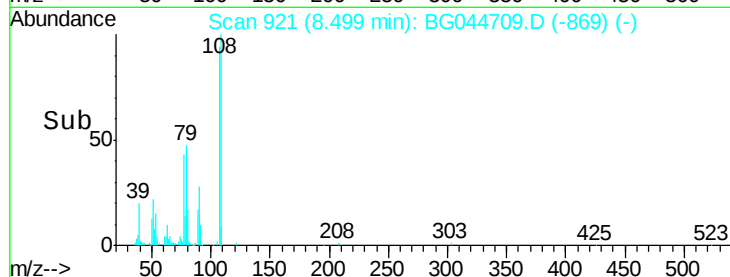
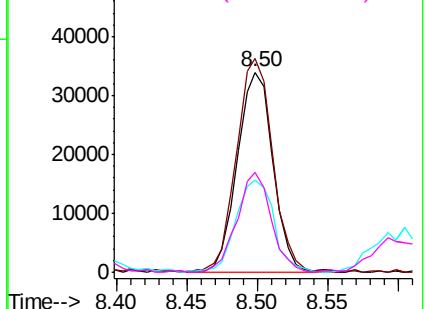


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 10.363 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

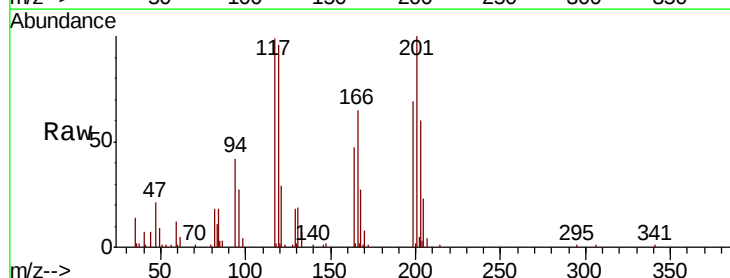
Tgt Ion:117 Resp: 29388

Ion Ratio Lower Upper

117 100

119 97.1 80.2 120.4

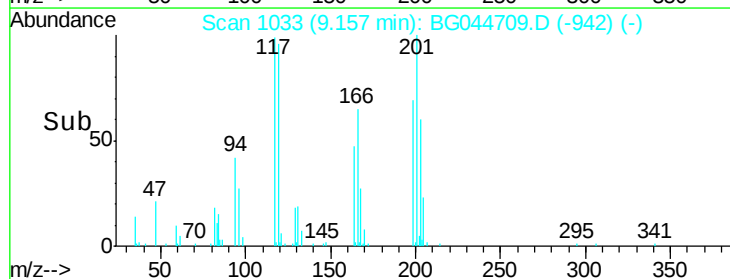
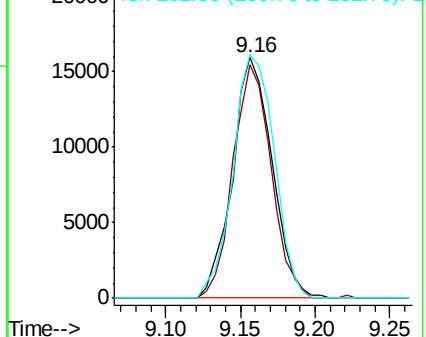
201 101.2 83.4 125.2

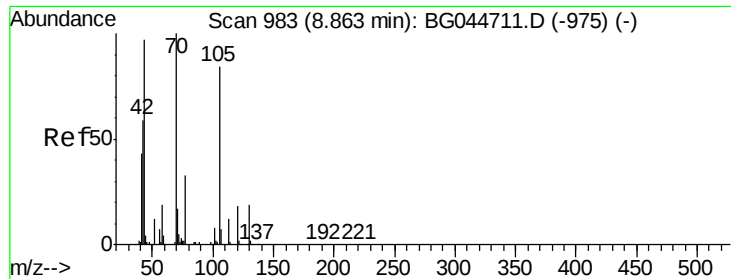


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

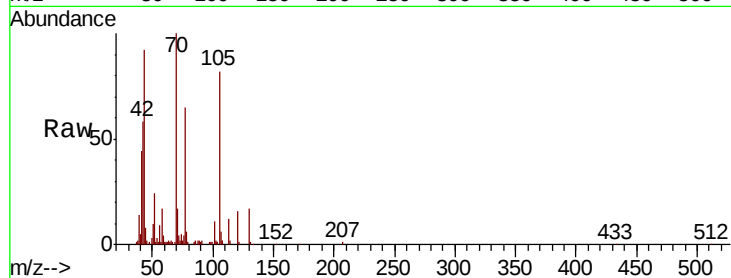




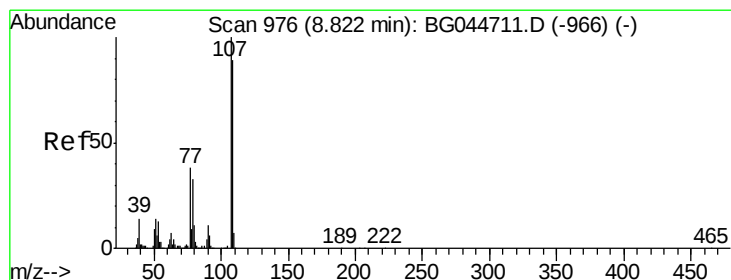
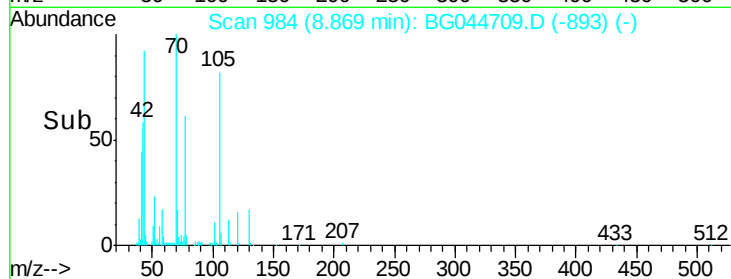
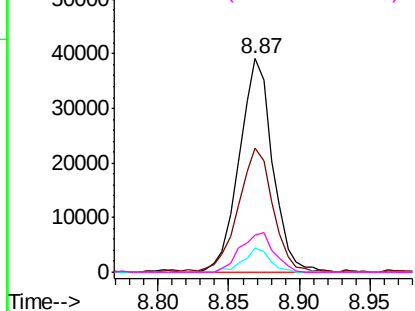
#19
n-Nitroso-di-n-propylamine
Concen: 9.746 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 64615
Ion Ratio Lower Upper
70 100
42 58.1 47.6 71.4
101 11.2 6.5 9.7#
130 17.4 15.0 22.4



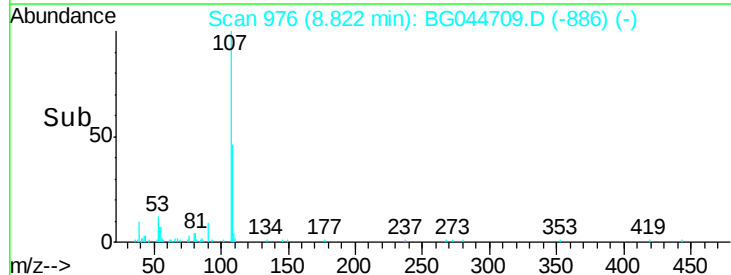
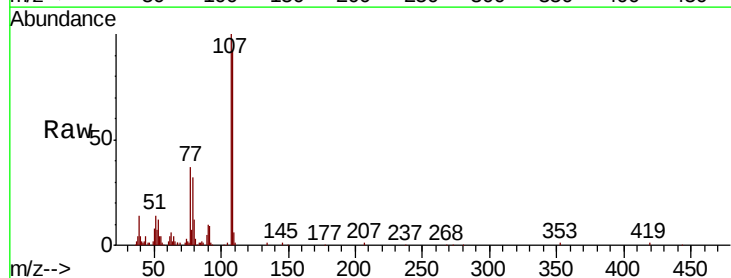
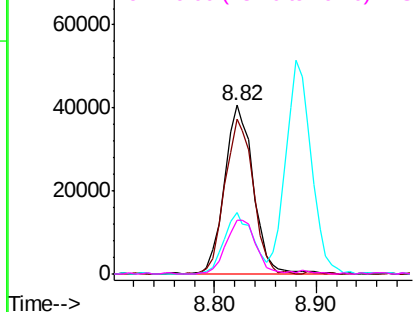
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

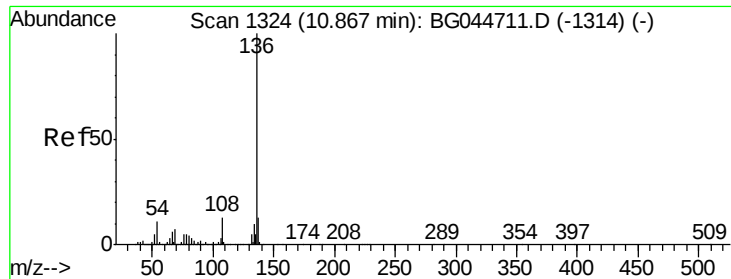


#20
3+4-Methylphenols
Concen: 9.635 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

Tgt Ion: 107 Resp: 80402
Ion Ratio Lower Upper
107 100
108 91.8 69.1 109.1
77 36.6 17.7 57.7
79 32.0 13.0 53.0

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

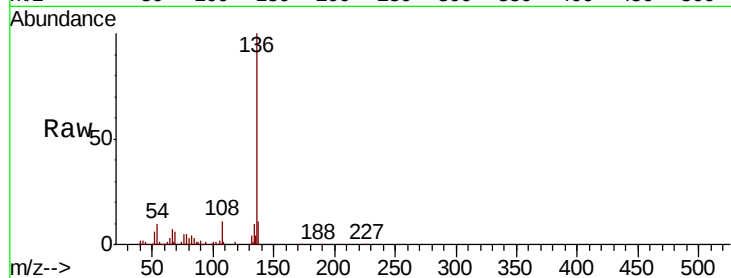




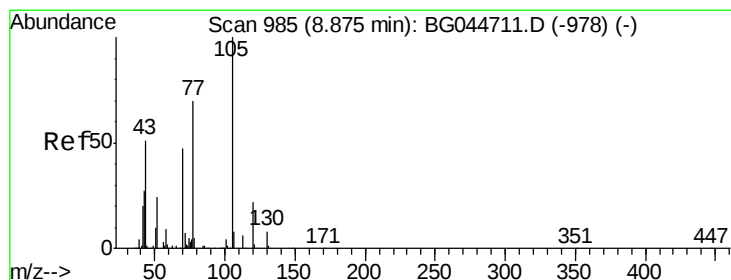
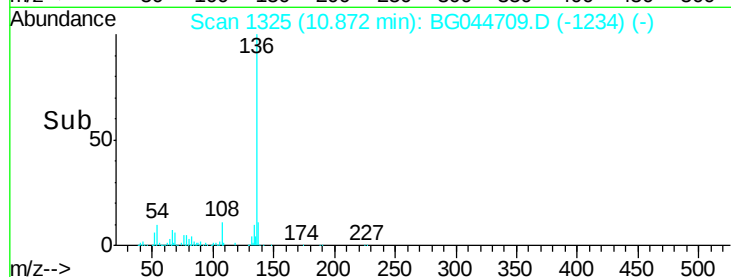
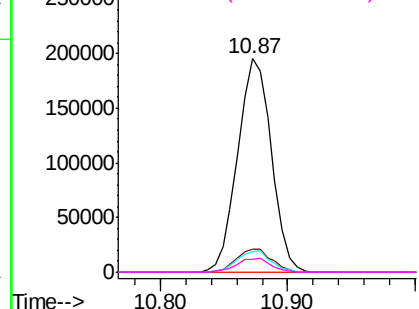
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	359601	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	10.7	16.1	
54 9.6	9.0	13.4	
68 6.2	5.9	8.9	

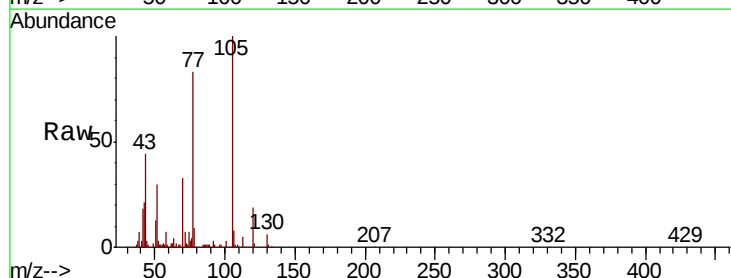


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

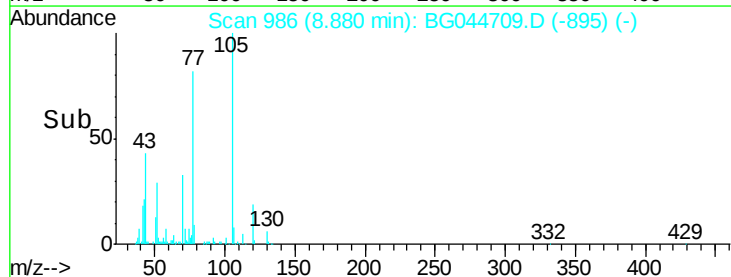
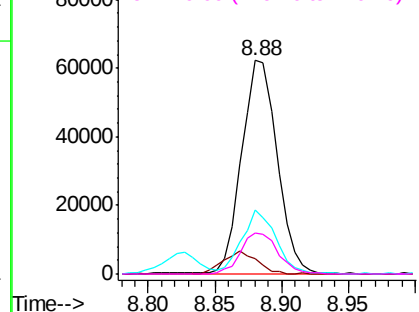


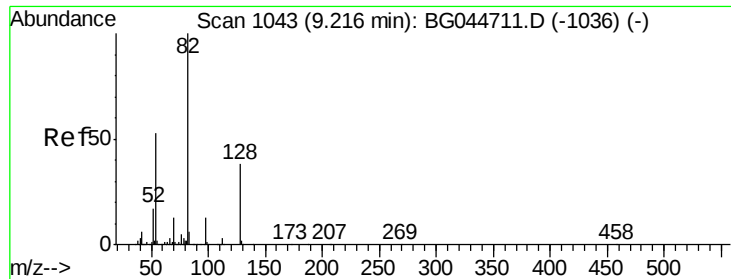
#22
Acetophenone
Concen: 10.815 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.01 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

Tgt	Ion:105	Resp:	113533
Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.8	8.8
51	29.9	23.8	35.8
120	18.9	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

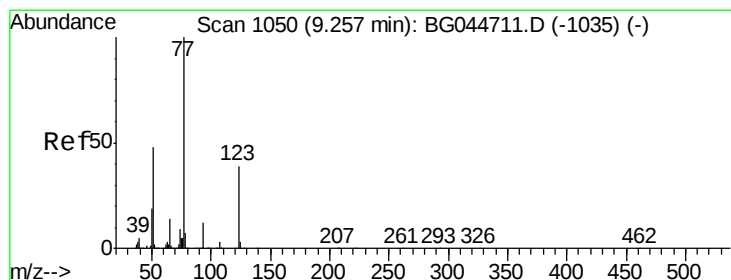
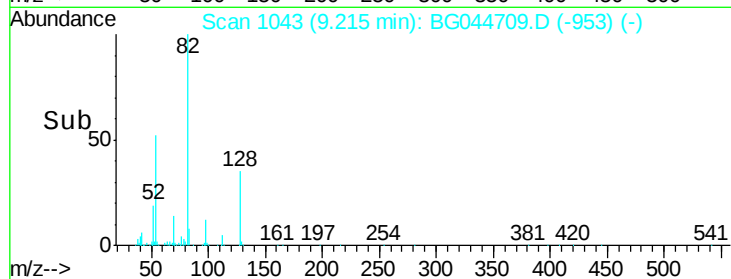
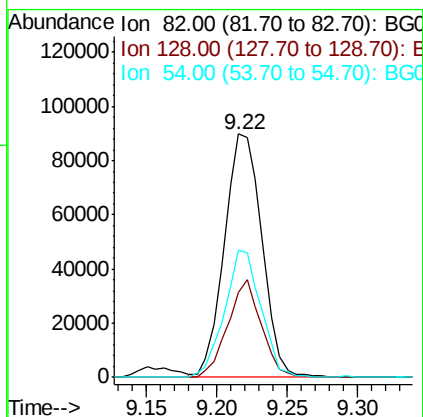
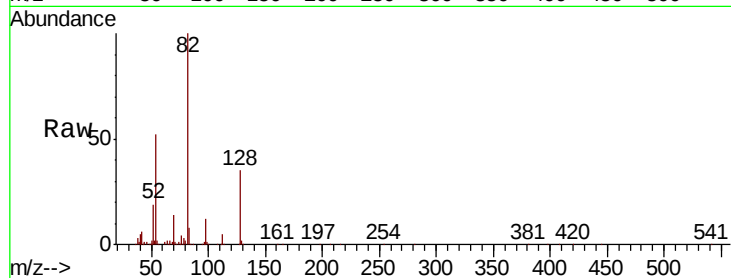




#23
 Nitrobenzene-d5
 Concen: 20.999 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG044709.D
 Acq: 10 Mar 2020 11:10

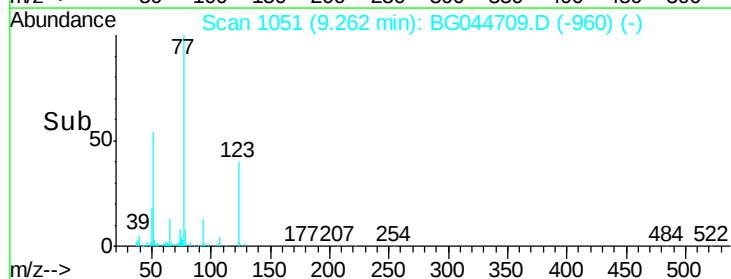
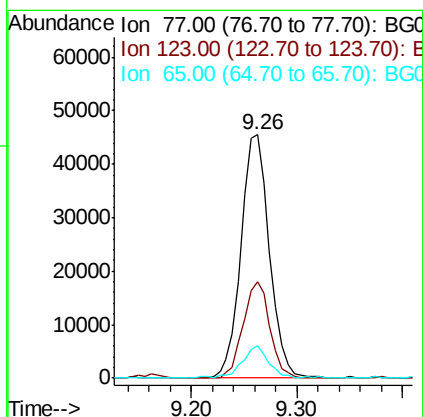
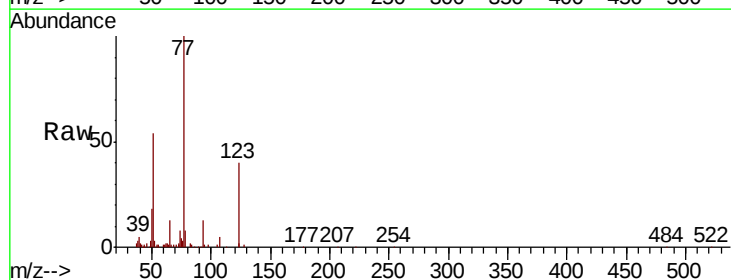
Instrument :
 BNA_G
 ClientSampled :

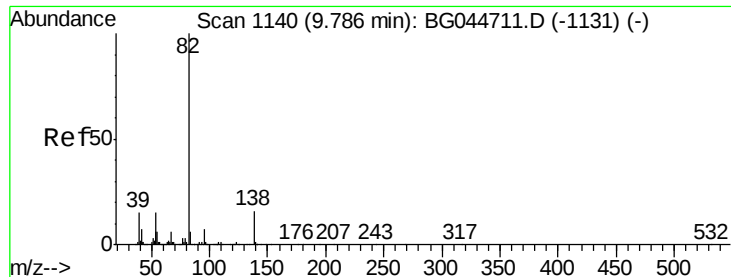
Tot Ion	82	Resp	165848
Ion Ratio	Lower	Upper	
82	100		
128	35.1	30.2	45.2
54	52.4	41.8	62.8



#24
 Nitrobenzene
 Concen: 10.124 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BG044709.D
 Acq: 10 Mar 2020 11:10

Tgt Ion	77	Resp	84776
Ion Ratio	Lower	Upper	
77	100		
123	39.6	31.5	47.3
65	13.1	11.0	16.4





#25

Isophorone

Concen: 9.838 ng

RT: 9.79 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampleId :

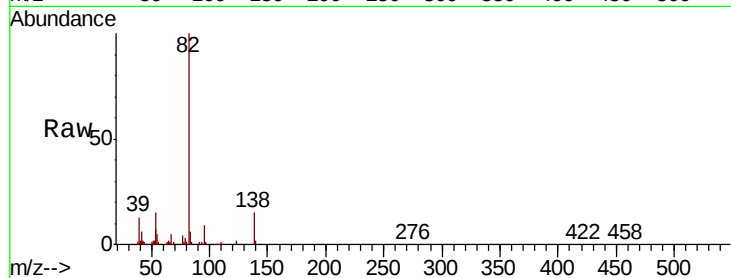
Tot Ion: 82 Resp: 171349

Ion Ratio Lower Upper

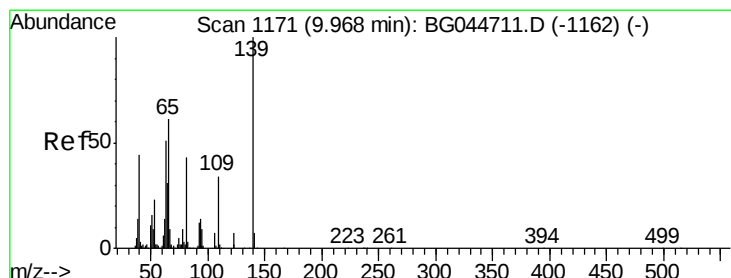
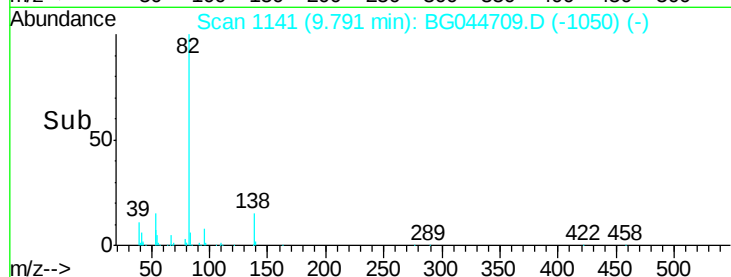
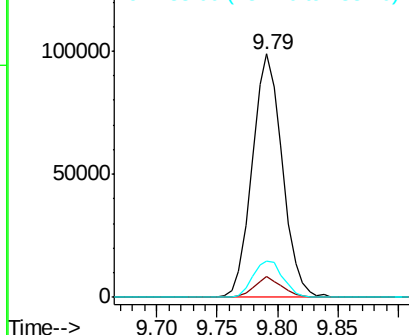
82 100

95 8.6 5.6 8.4#

138 14.6 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: 7.862 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

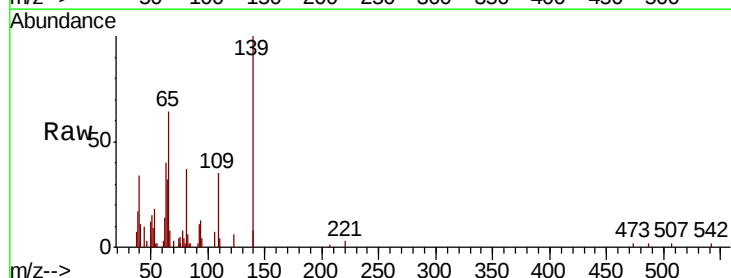
Tgt Ion: 139 Resp: 21529

Ion Ratio Lower Upper

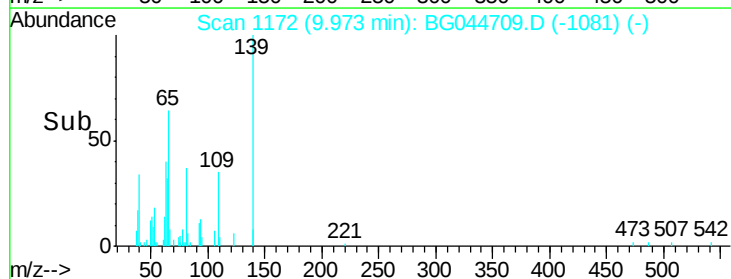
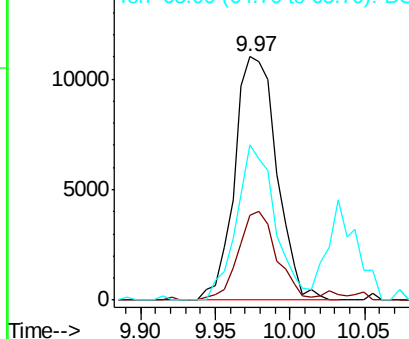
139 100

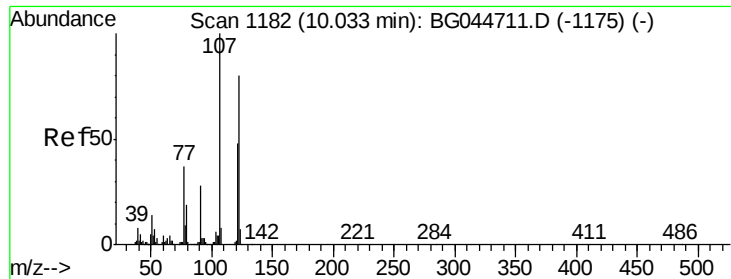
109 34.8 27.0 40.4

65 63.8 48.6 73.0



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

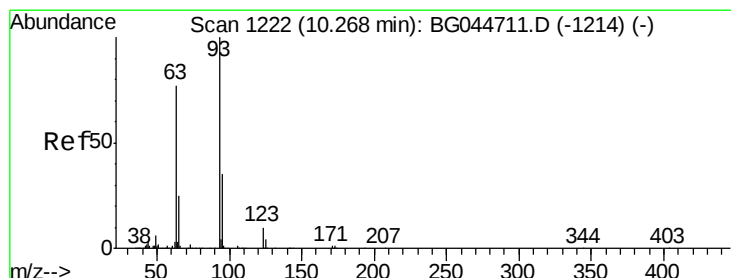
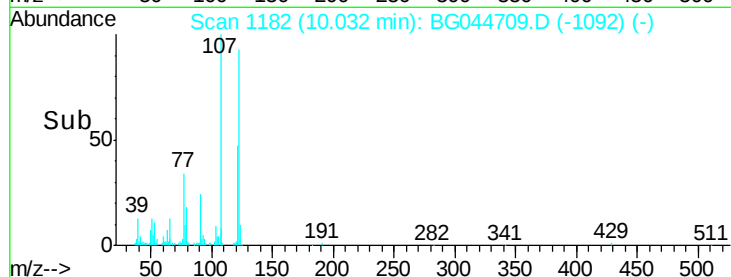
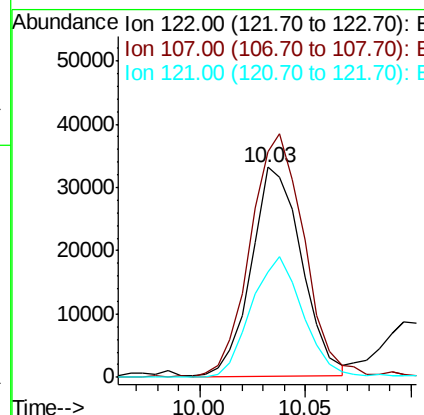
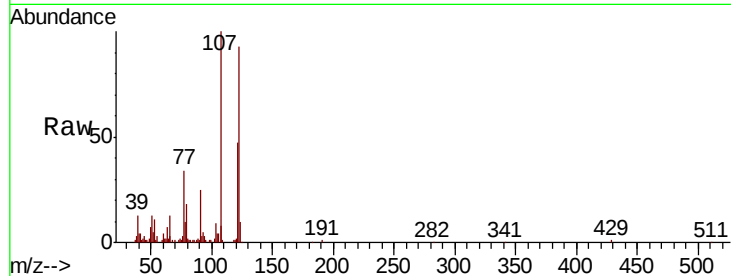




#27
 2,4-Dimethylphenol
 Concen: 10.052 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG044709.D
 Acq: 10 Mar 2020 11:10

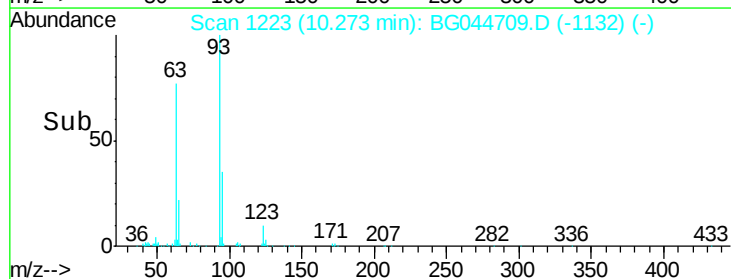
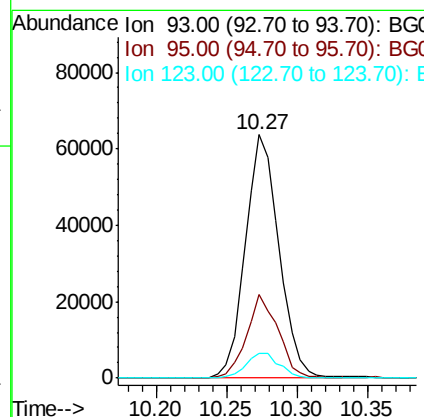
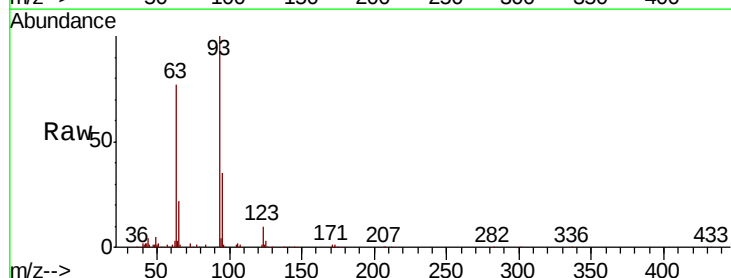
Instrument :
 BNA_G
 ClientSampled :

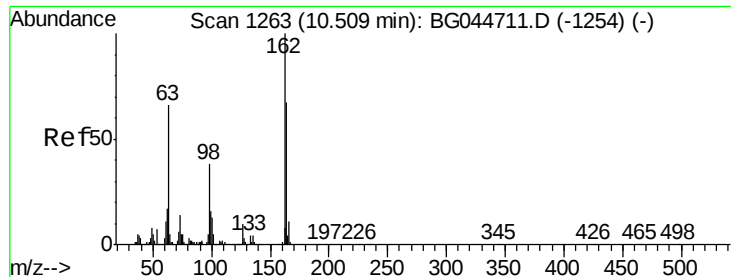
Tot Ion	Ratio	Lower	Upper
122	100		
107	107.6	99.0	148.6
121	50.2	47.6	71.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 10.833 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BG044709.D
 Acq: 10 Mar 2020 11:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.6	27.7	41.5
123	10.4	8.1	12.1

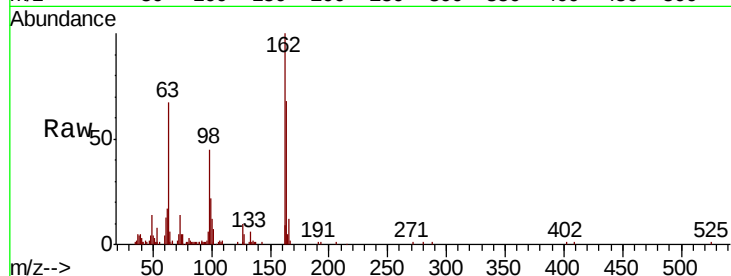




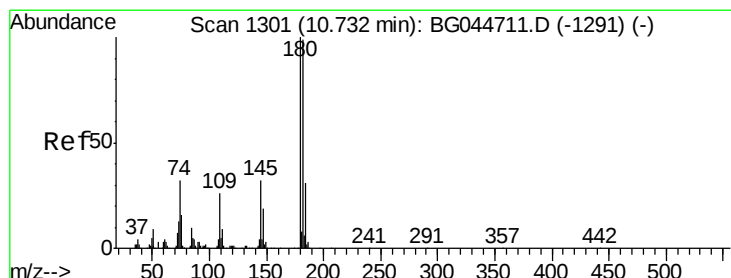
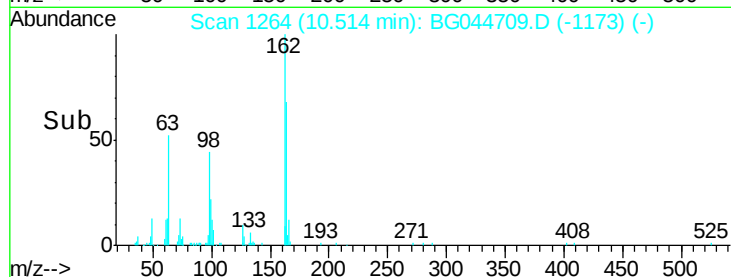
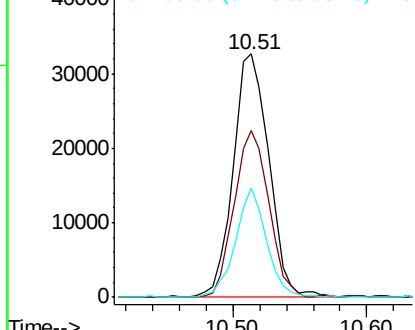
#29
2,4-Dichlorophenol
Concen: 9.726 ng
RT: 10.51 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 60472
Ion Ratio Lower Upper
162 100
164 68.4 46.5 86.5
98 44.8 18.1 58.1

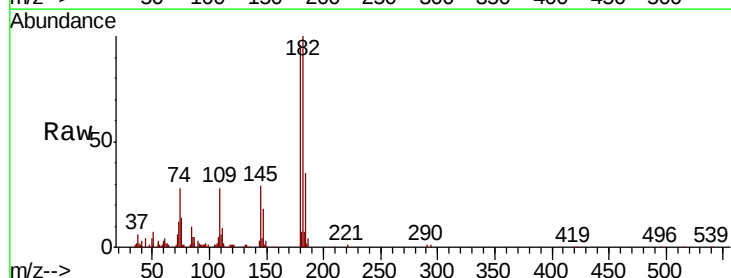


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

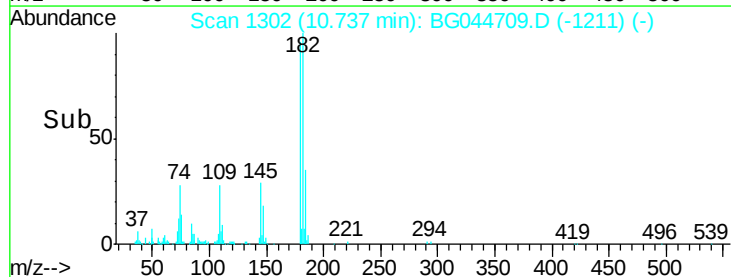
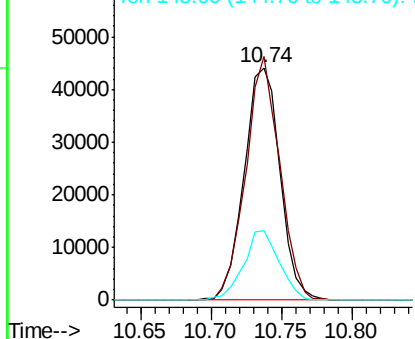


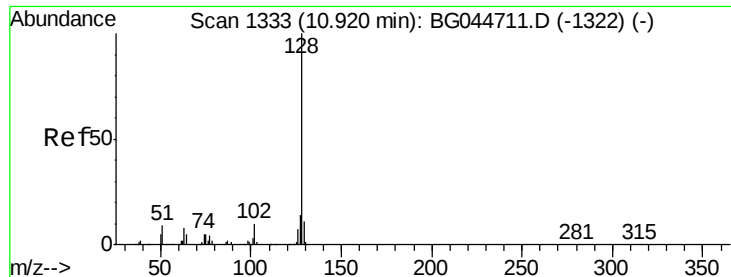
#30
1,2,4-Trichlorobenzene
Concen: 10.897 ng
RT: 10.74 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

Tgt Ion:180 Resp: 78702
Ion Ratio Lower Upper
180 100
182 104.7 78.8 118.2
145 29.9 25.4 38.0



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

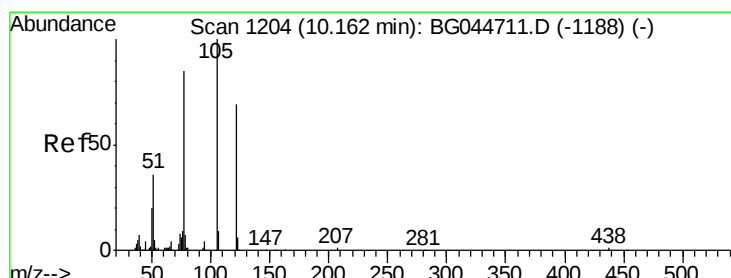
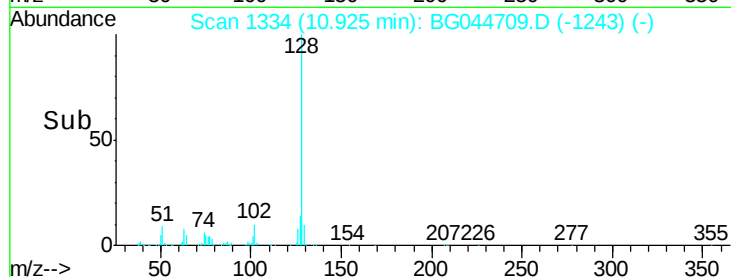
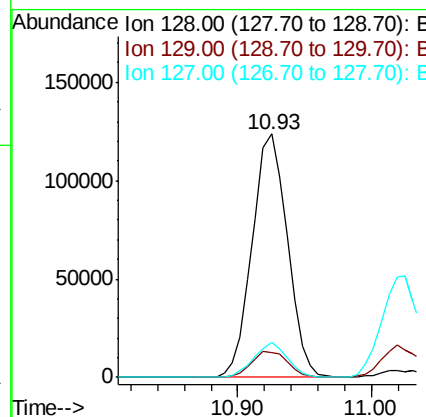
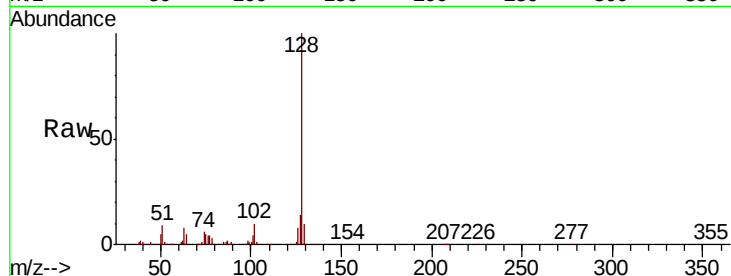




#31
Naphthalene
Concen: 11.176 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

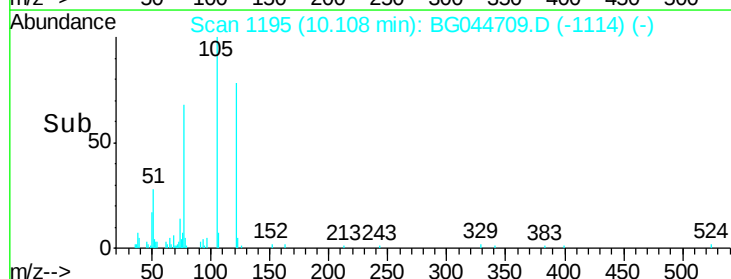
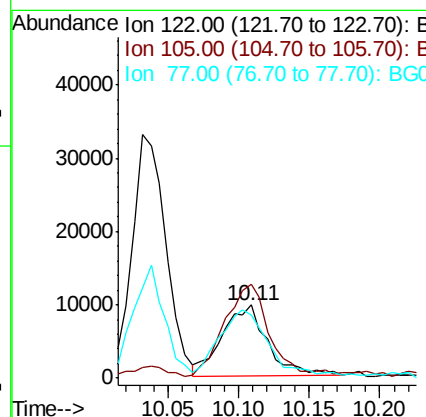
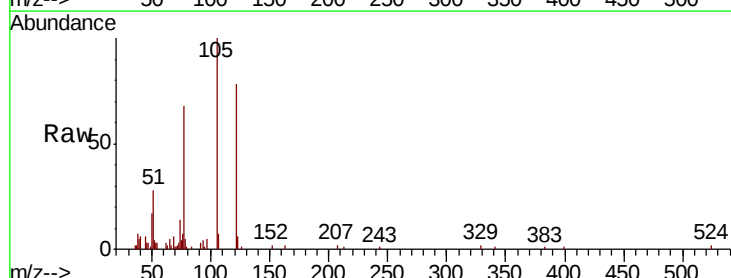
Instrument :
BNA_G
ClientSampleId :

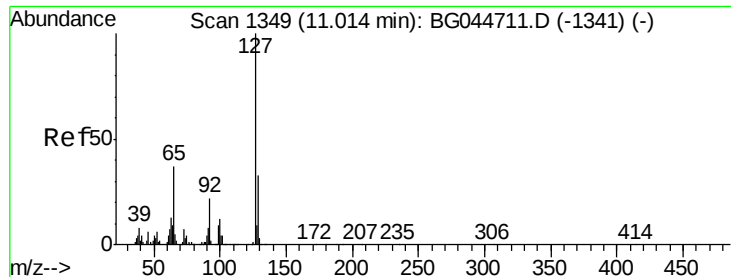
Tot Ion:128 Resp: 225533
Ion Ratio Lower Upper
128 100
129 10.0 9.0 13.4
127 14.2 11.0 16.6



#32
Benzoic acid
Concen: 5.664 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.05 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

Tgt Ion:122 Resp: 21704
Ion Ratio Lower Upper
122 100
105 128.5 119.0 159.0
77 86.9 96.4 136.4#

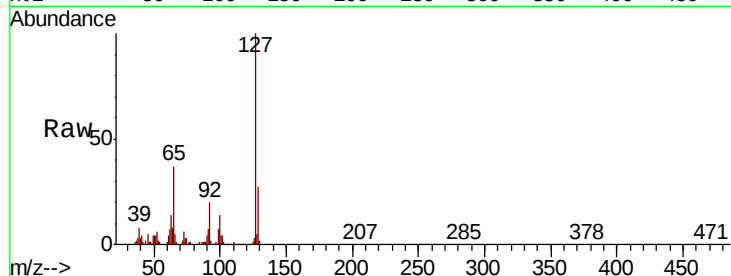




#33
4-Chloroaniline
Concen: 10.708 ng
RT: 11.02 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	27.0	26.2	39.4	
65	36.6	29.6	44.4	
92	19.8	17.4	26.0	



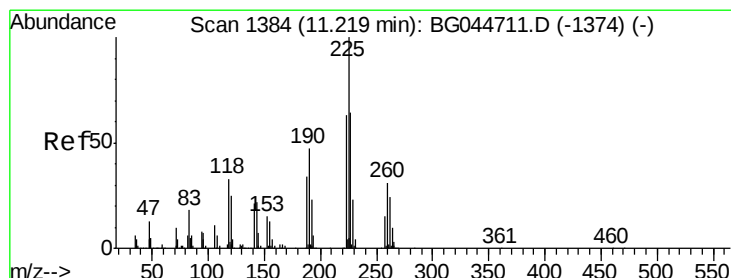
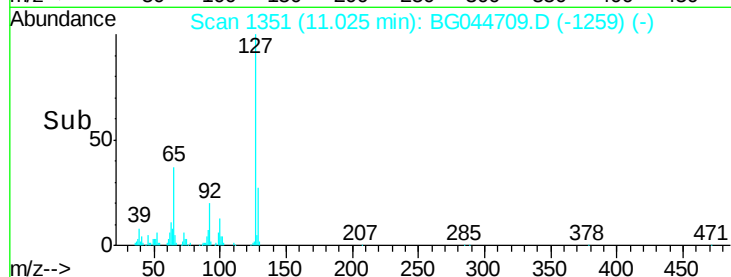
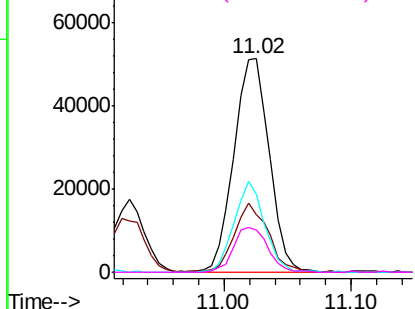
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

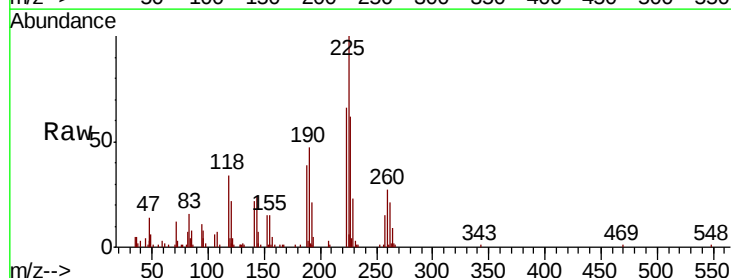
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 10.263 ng
RT: 11.22 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	66.1	50.6	76.0	
227	62.3	51.6	77.4	

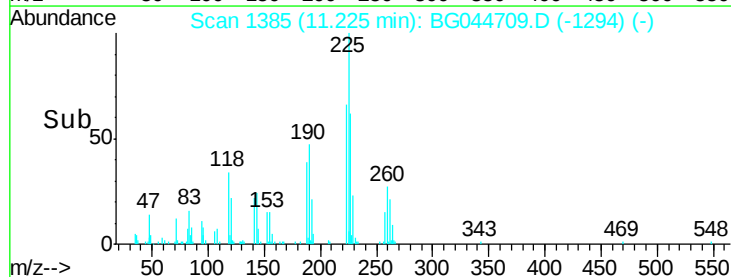
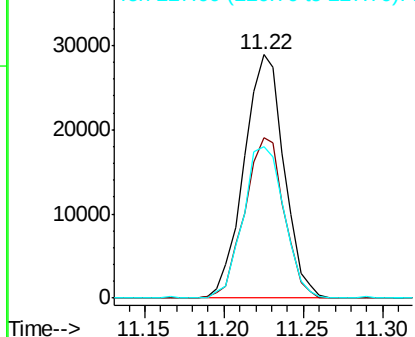


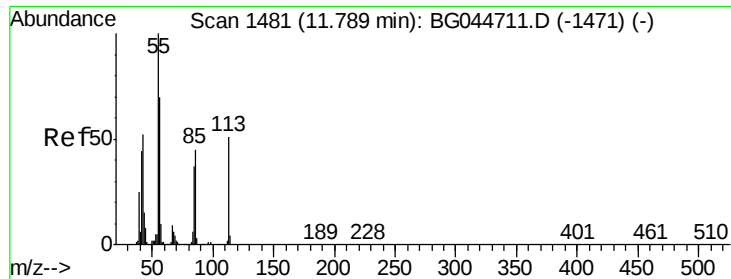
Abundance

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

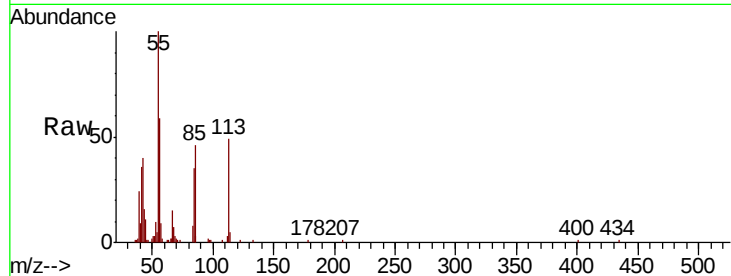




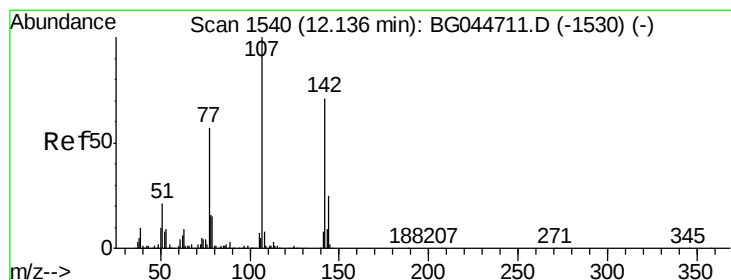
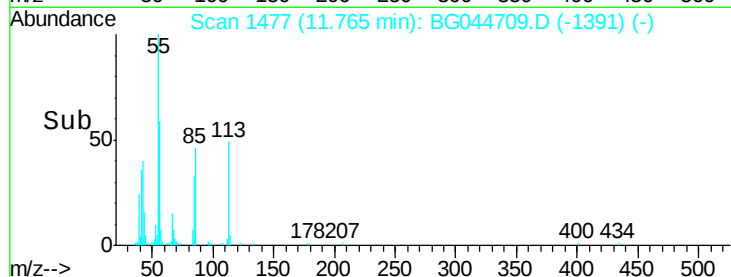
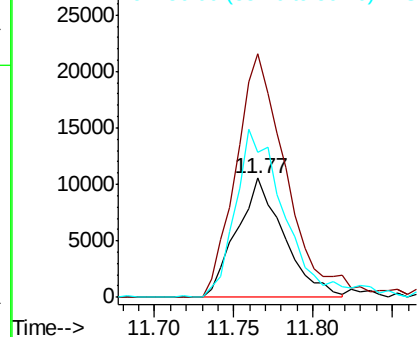
#35
 Caprolactam
 Concen: 8.418 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.02 min
 Lab File: BG044709.D
 Acq: 10 Mar 2020 11:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 21848
 Ion Ratio Lower Upper
 113 100
 55 204.6 178.4 218.4
 56 121.5 117.7 157.7

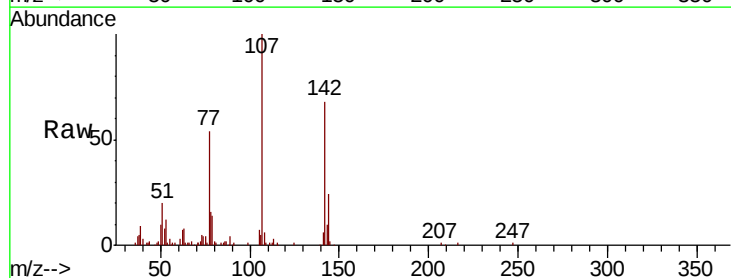


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

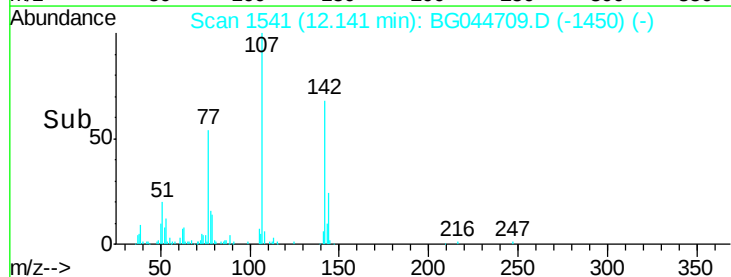
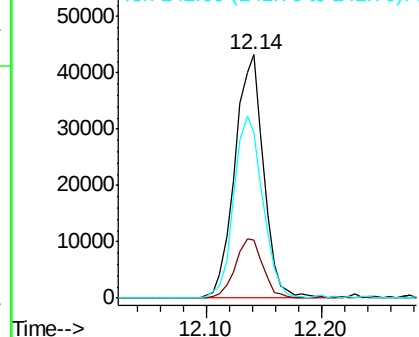


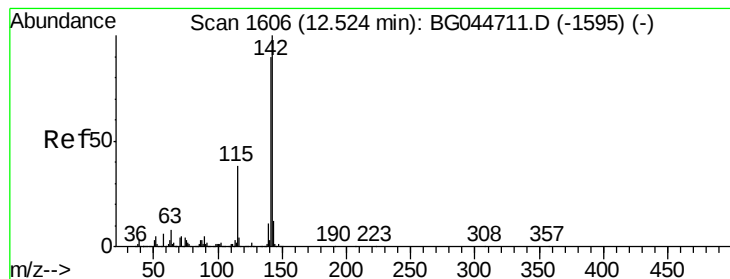
#36
 4-Chloro-3-methylphenol
 Concen: 9.466 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BG044709.D
 Acq: 10 Mar 2020 11:10

Tgt Ion:107 Resp: 74532
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.6 29.4
 142 67.9 56.5 84.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 10.951 ng

RT: 12.53 min Scan# 1607

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampleId :

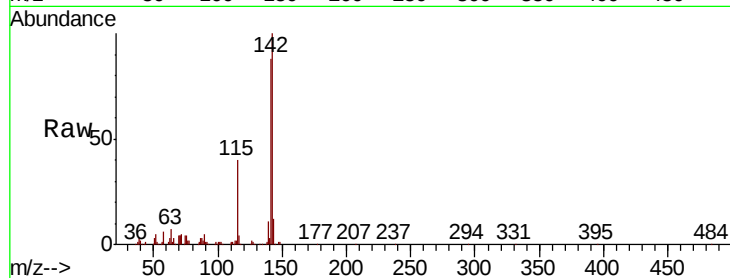
Tot Ion:142 Resp: 166781

Ion Ratio Lower Upper

142 100

141 87.9 72.3 108.5

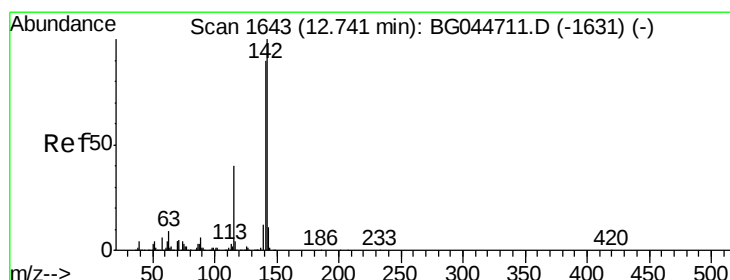
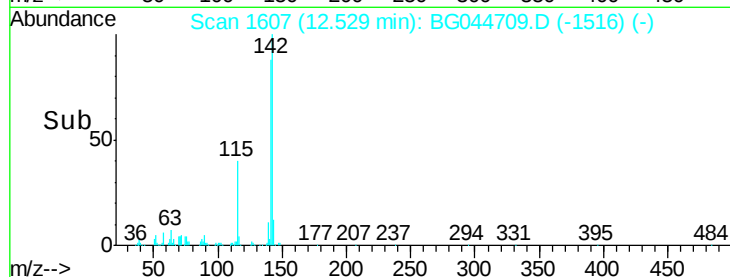
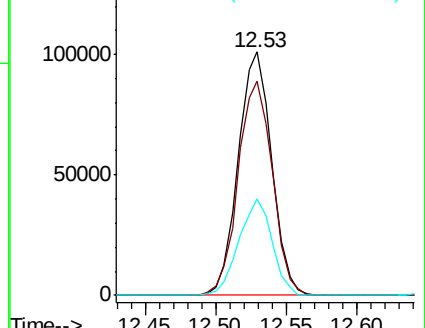
115 39.5 30.6 45.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 10.911 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

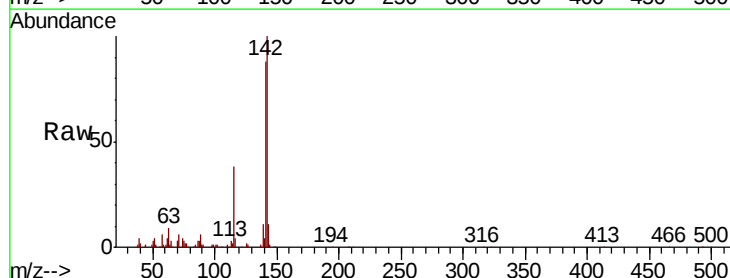
Tgt Ion:142 Resp: 157078

Ion Ratio Lower Upper

142 100

141 88.3 72.2 108.2

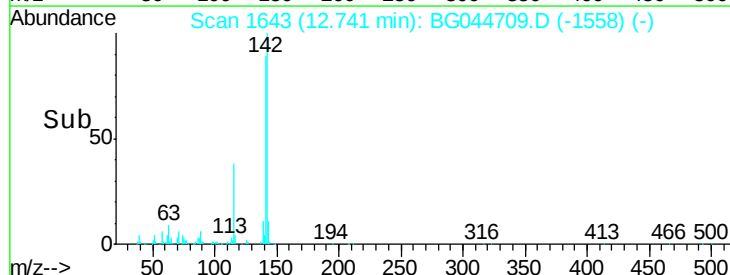
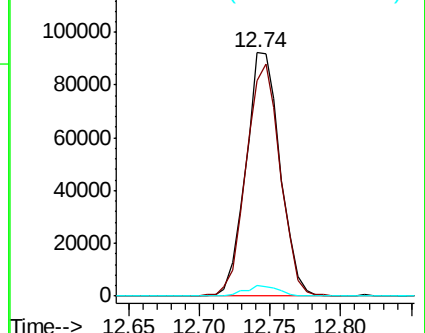
116 4.1 3.5 5.3

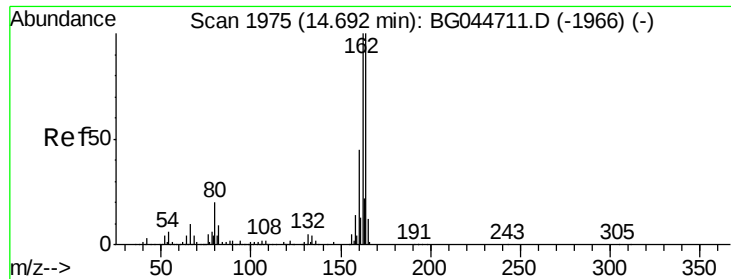


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampleId :

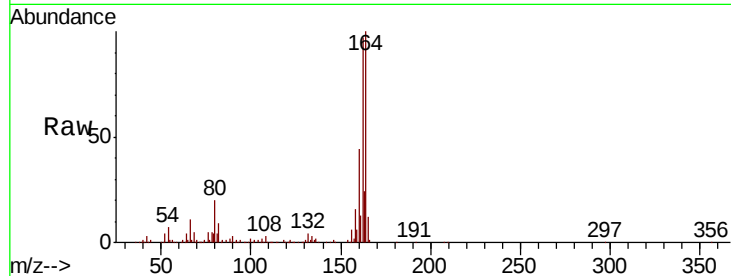
Tot Ion:164 Resp: 249359

Ion Ratio Lower Upper

164 100

162 97.0 80.2 120.4

160 44.4 36.2 54.2

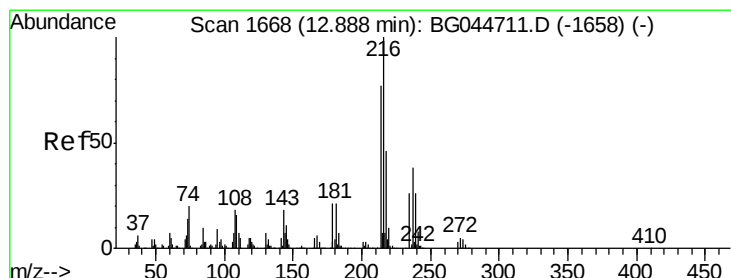
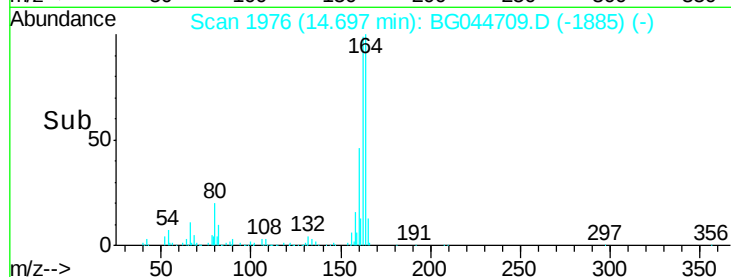
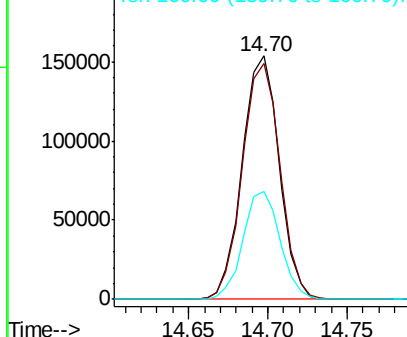


Abundance

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: 11.088 ng

RT: 12.89 min Scan# 1669

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Tgt Ion:216 Resp: 89761

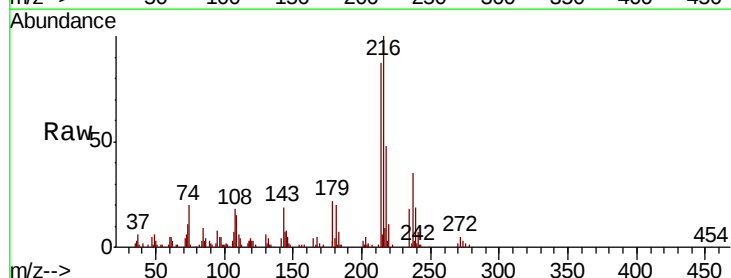
Ion Ratio Lower Upper

216 100

214 78.1 63.0 94.4

179 20.1 16.6 24.8

108 18.9 15.6 23.4



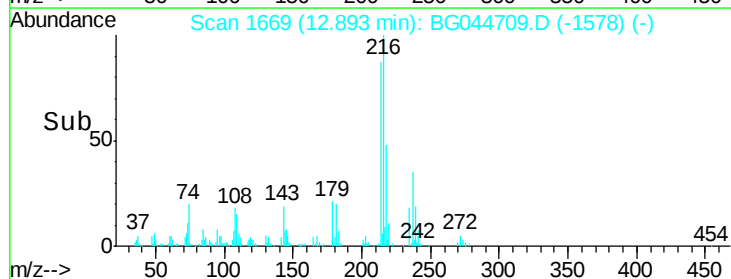
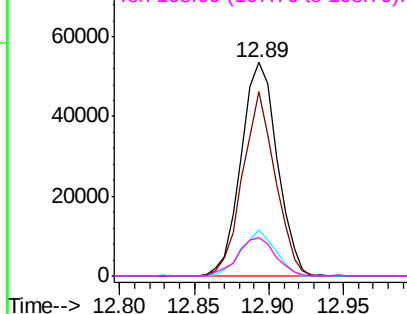
Abundance

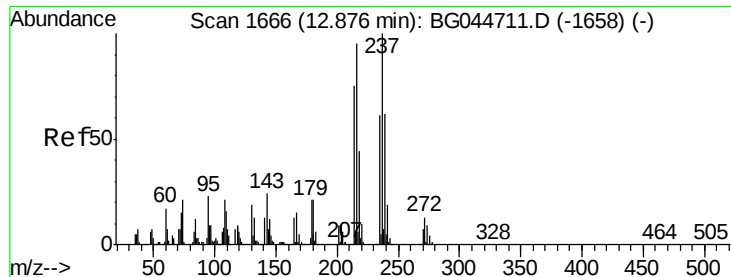
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 9.104 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampleId :

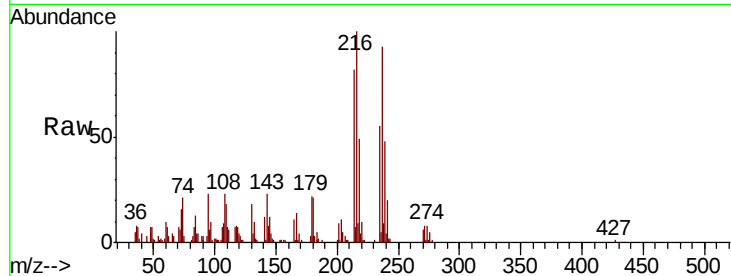
Tot Ion:237 Resp: 43097

Ion Ratio Lower Upper

237 100

235 59.0 40.6 80.6

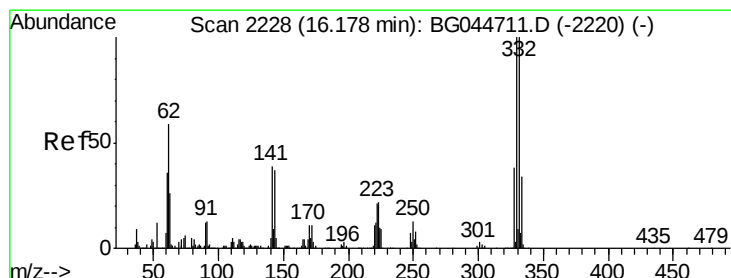
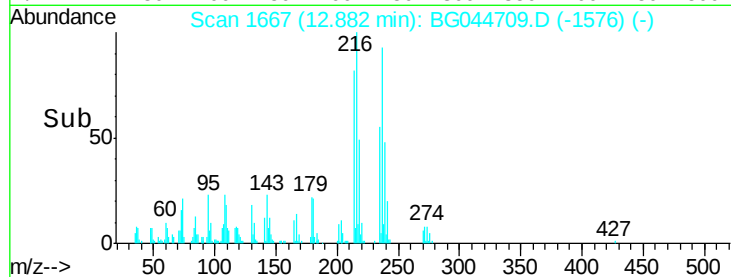
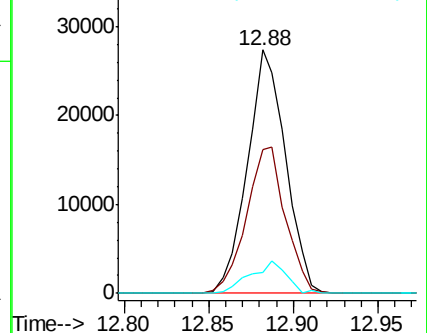
272 8.5 0.0 32.5



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: 19.319 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.00 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

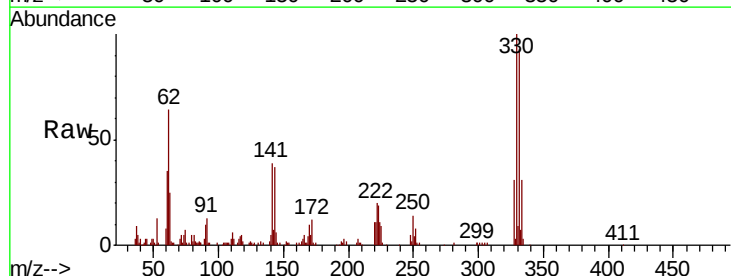
Tgt Ion:330 Resp: 66175

Ion Ratio Lower Upper

330 100

332 90.1 77.5 116.3

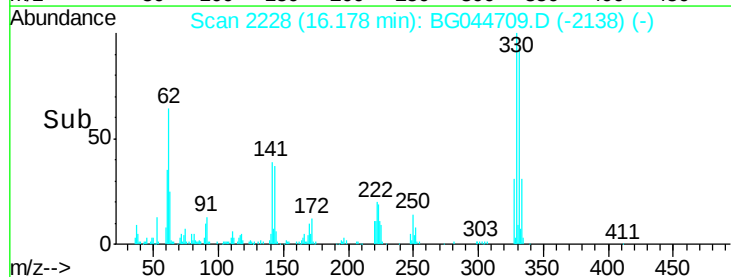
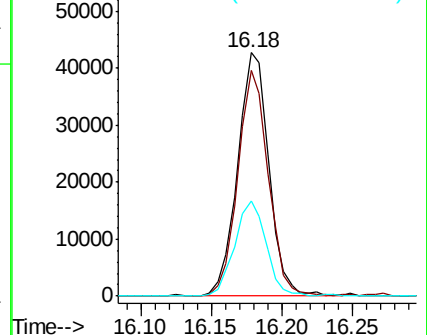
141 38.9 31.7 47.5



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

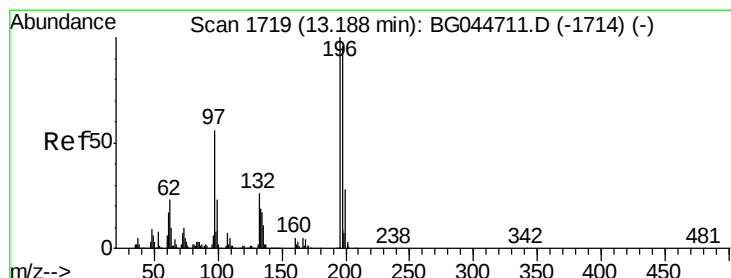
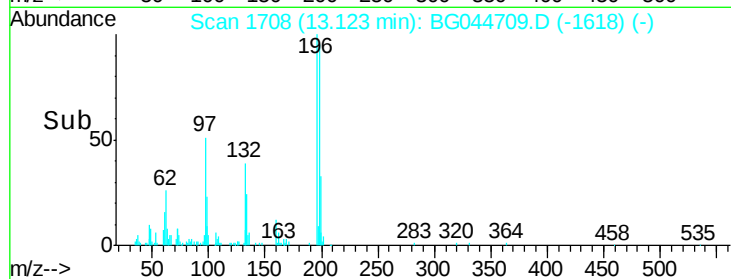
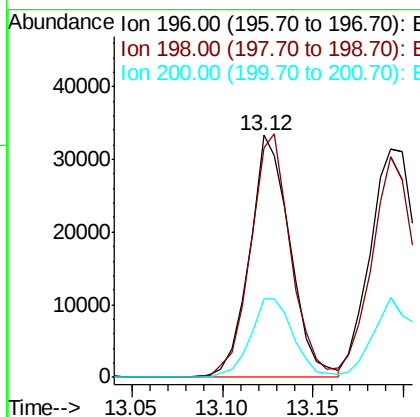
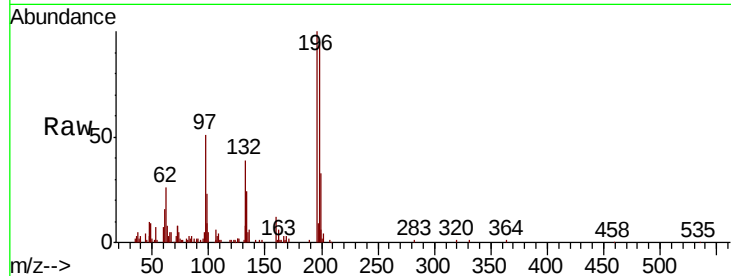




#43
 2,4,6-Trichlorophenol
 Concen: 9.158 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG044709.D
 Acq: 10 Mar 2020 11:10

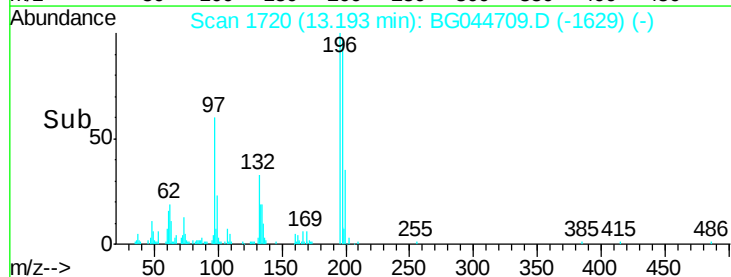
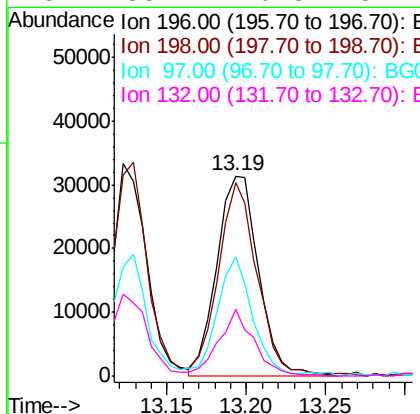
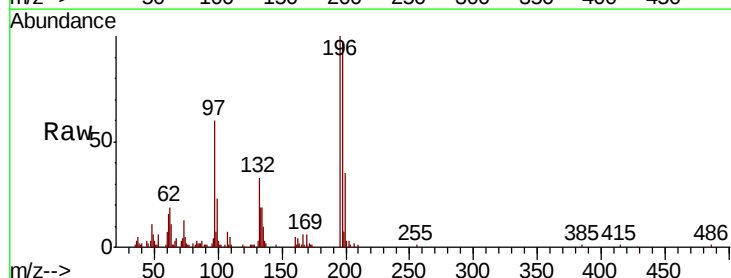
Instrument :
 BNA_G
 ClientSampleId :

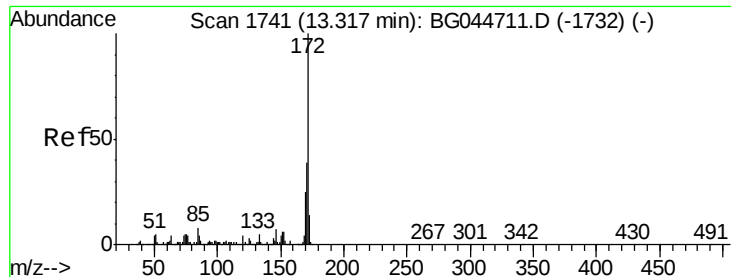
Tot Ion:196 Resp: 51394
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.5 114.7
 200 32.6 25.9 38.9



#44
 2,4,5-Trichlorophenol
 Concen: 9.938 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BG044709.D
 Acq: 10 Mar 2020 11:10

Tgt Ion:196 Resp: 57197
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.3 115.9
 97 59.6 44.9 67.3
 132 33.1 20.8 31.2#





#45

2-Fluorobiphenyl

Concen: 23.017 ng

RT: 13.32 min Scan# 1742

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampleId :

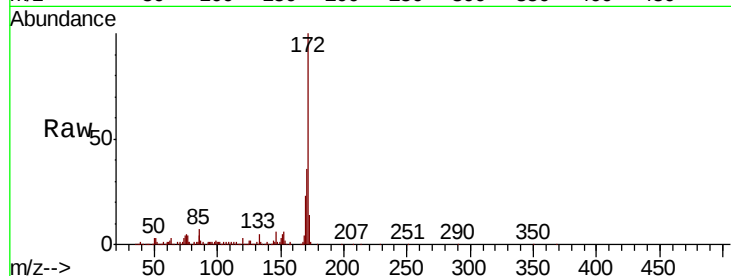
Tot Ion:172 Resp: 412023

Ion Ratio Lower Upper

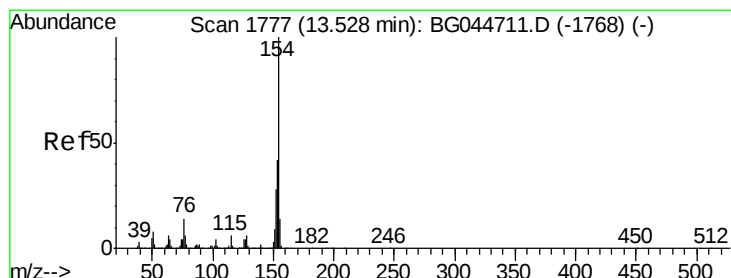
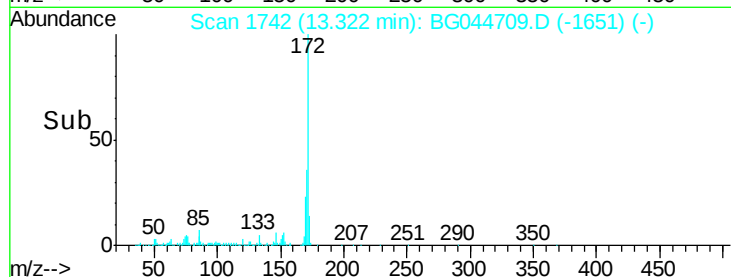
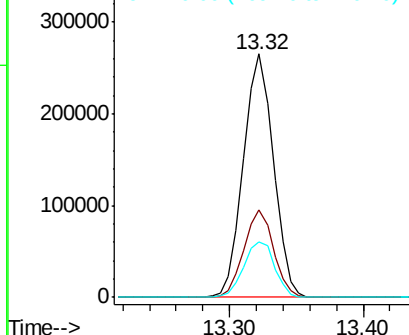
172 100

171 35.9 30.8 46.2

170 22.9 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: 11.322 ng

RT: 13.53 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

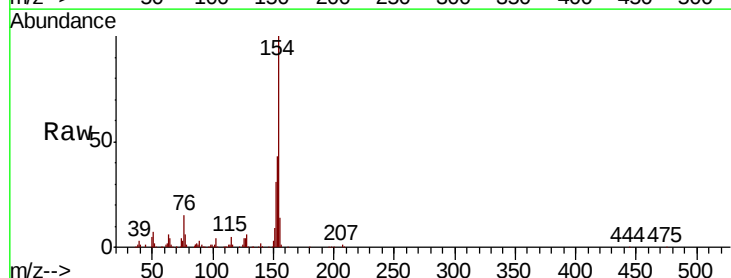
Tgt Ion:154 Resp: 224559

Ion Ratio Lower Upper

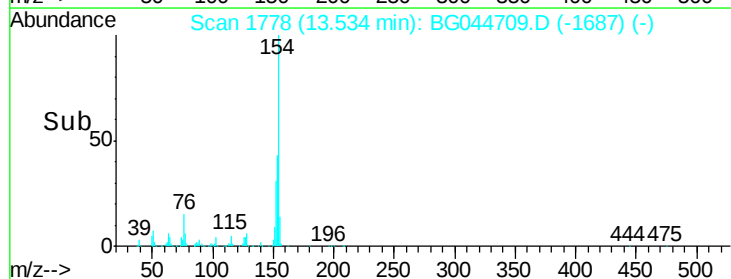
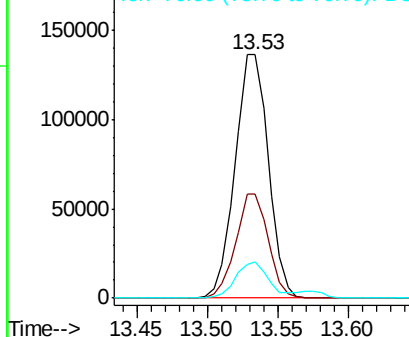
154 100

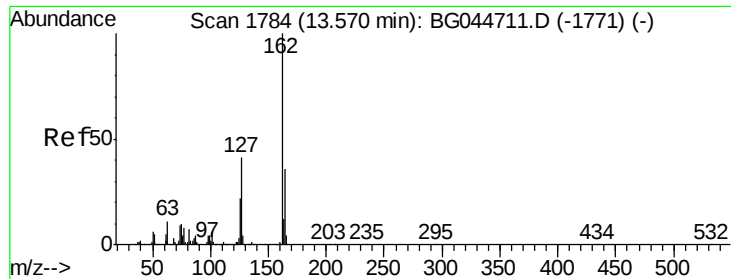
153 42.8 22.0 62.0

76 15.1 0.0 34.2



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

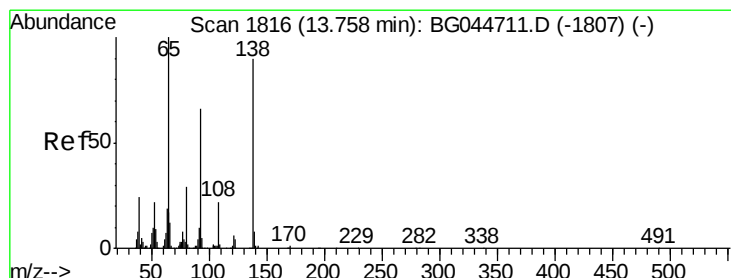
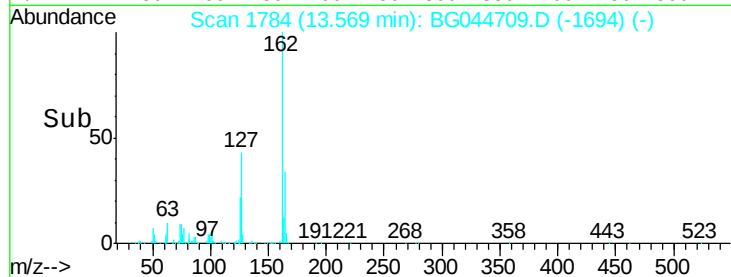
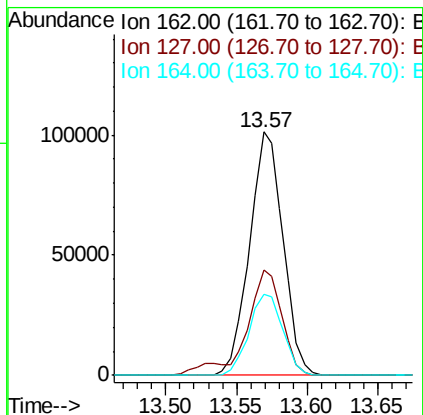
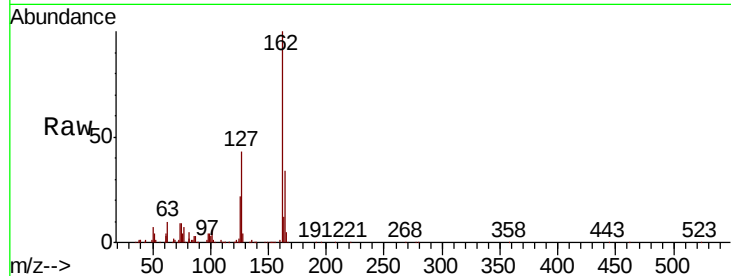




#47
 2-Chloronaphthalene
 Concen: 11.115 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BG044709.D
 Acq: 10 Mar 2020 11:10

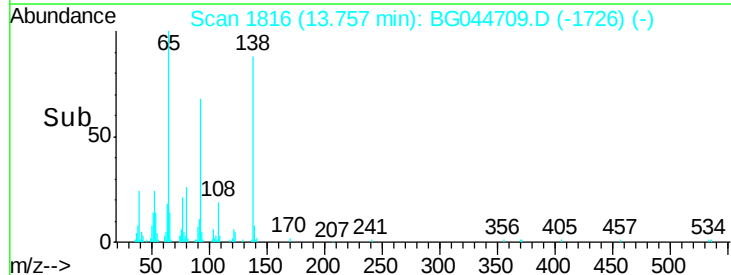
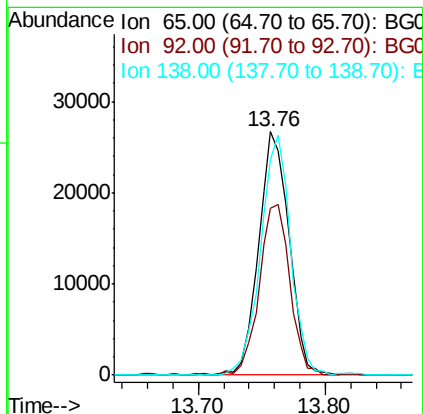
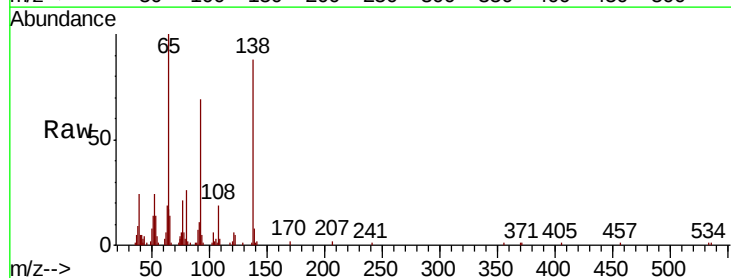
Instrument :
 BNA_G
 ClientSampled :

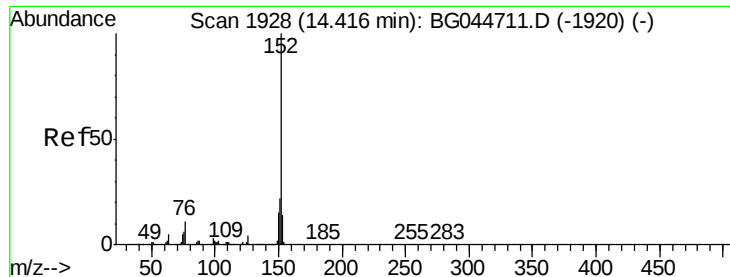
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.1	32.6	48.8
164	33.5	29.0	43.4



#48
 2-Nitroaniline
 Concen: 8.739 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG044709.D
 Acq: 10 Mar 2020 11:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	52.6	79.0
138	88.4	71.8	107.6





#49

Acenaphthylene

Concen: 11.184 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampleId :

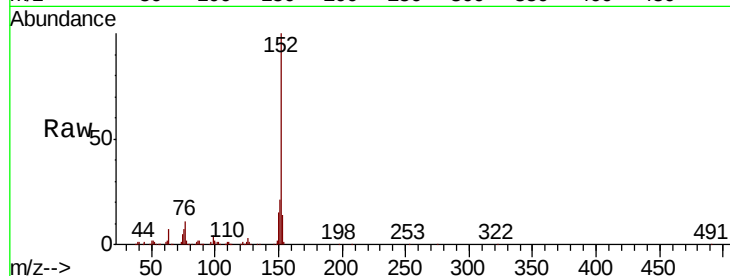
Tot Ion:152 Resp: 271083

Ion Ratio Lower Upper

152 100

151 21.3 17.8 26.8

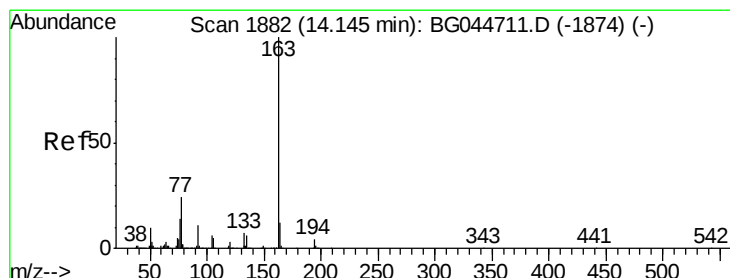
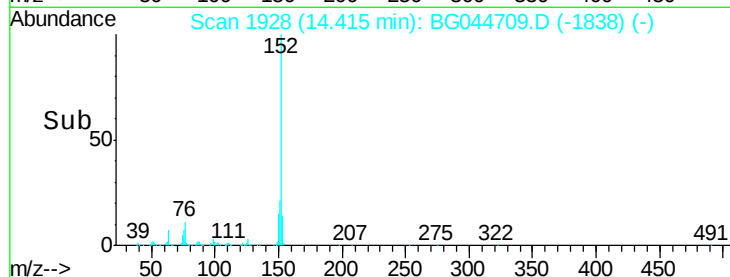
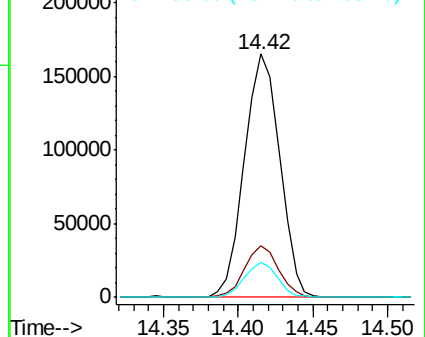
153 14.4 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 10.715 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

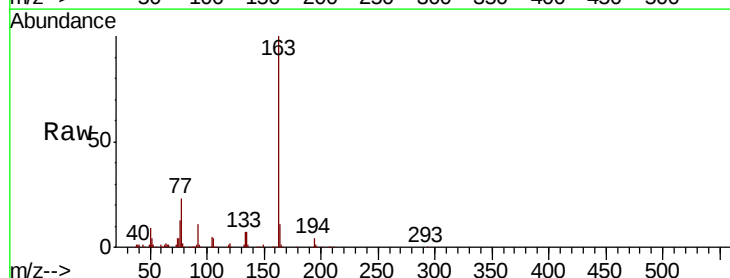
Tgt Ion:163 Resp: 222125

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

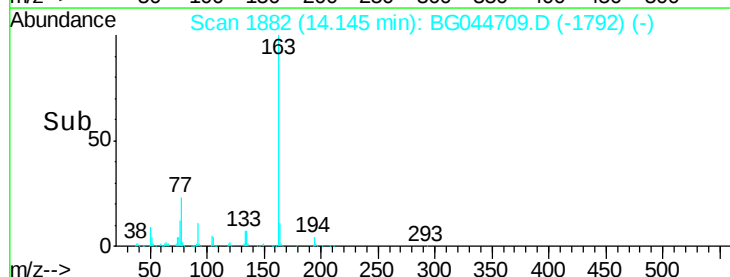
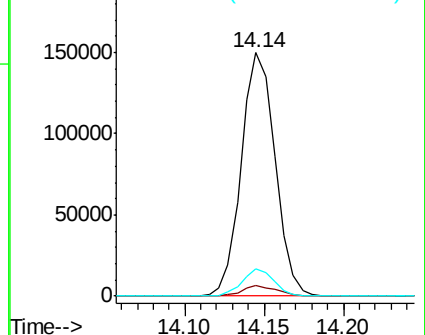
164 11.1 9.2 13.8

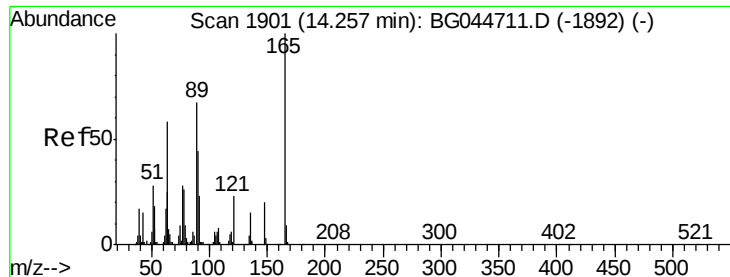


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 9.998 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampleId :

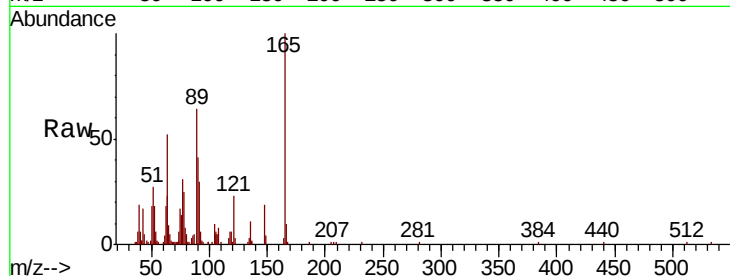
Tot Ion:165 Resp: 37242

Ion Ratio Lower Upper

165 100

63 52.3 48.9 73.3

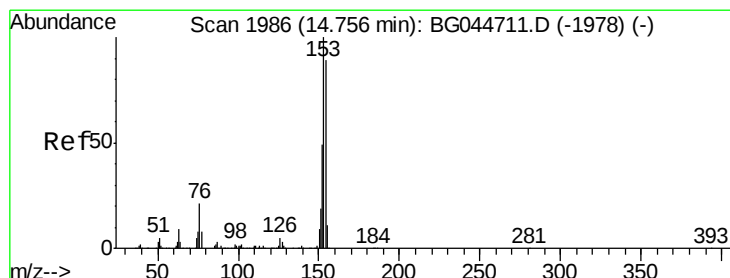
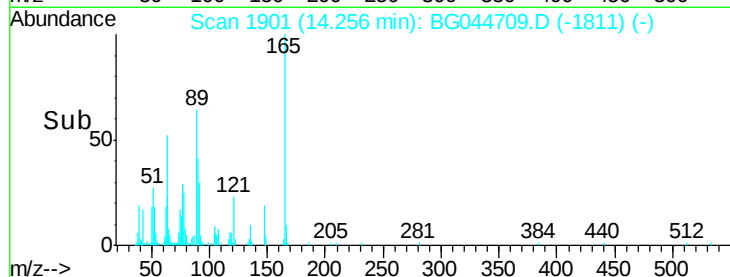
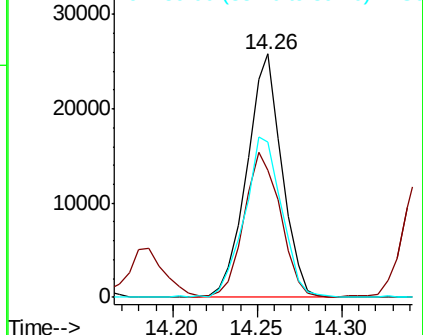
89 64.0 53.8 80.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 10.696 ng

RT: 14.76 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

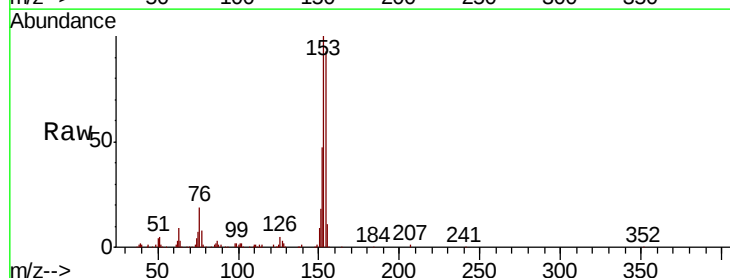
Tgt Ion:154 Resp: 167631

Ion Ratio Lower Upper

154 100

153 107.0 89.8 134.8

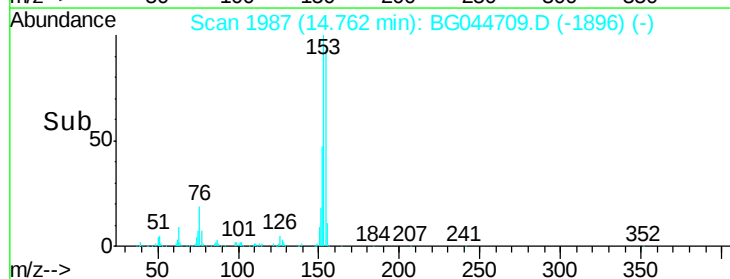
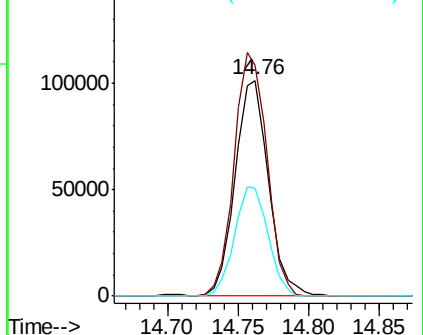
152 50.2 44.4 66.6

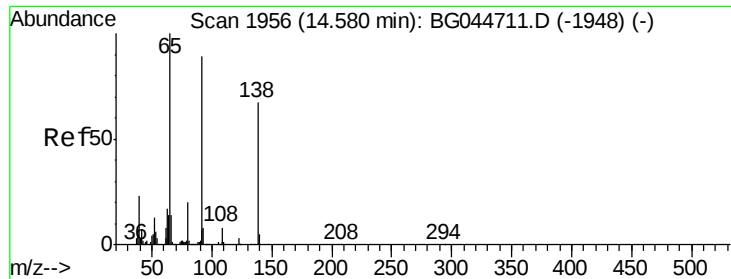


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

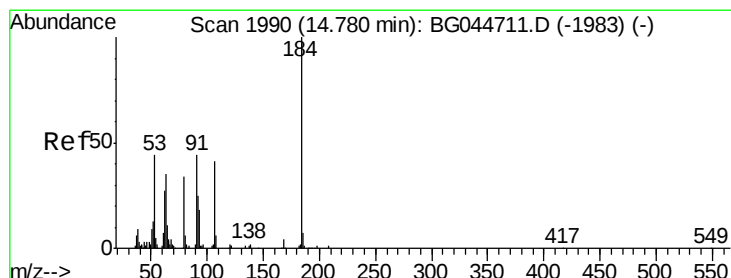
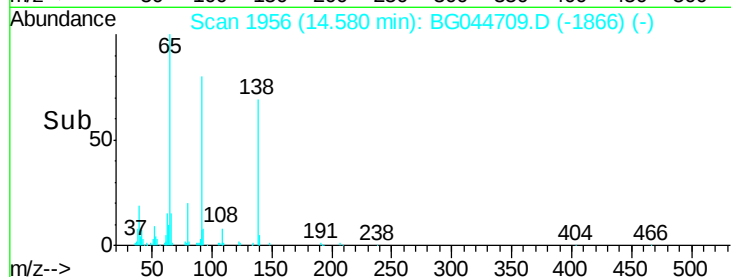
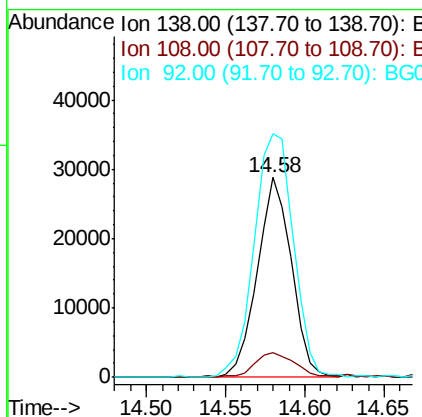
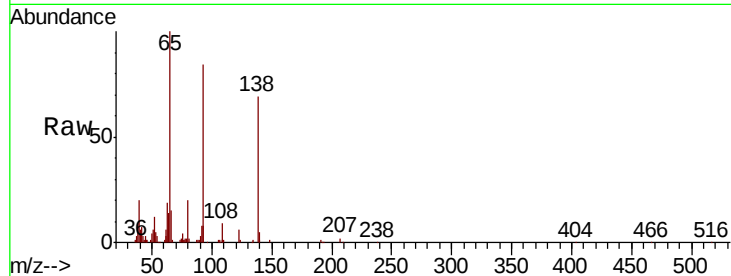




#53
 3-Nitroaniline
 Concen: 10.088 ng
 RT: 14.58 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG044709.D
 Acq: 10 Mar 2020 11:10

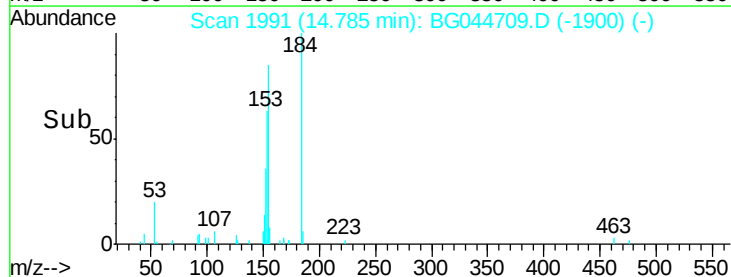
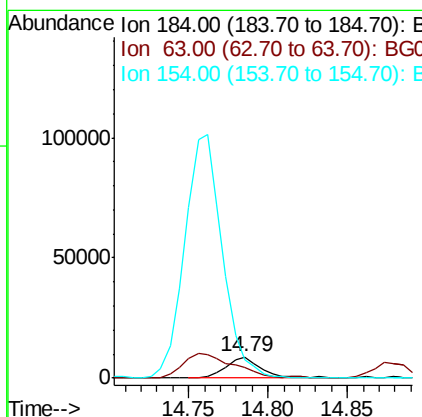
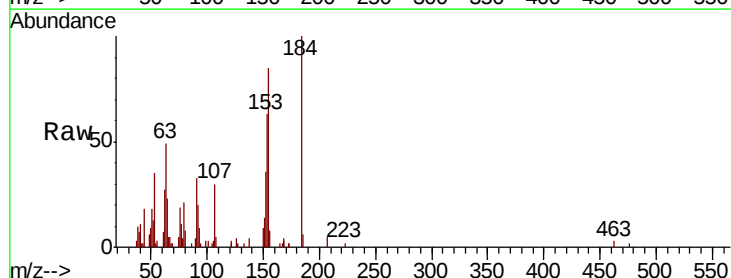
Instrument :
 BNA_G
 ClientSampleId :

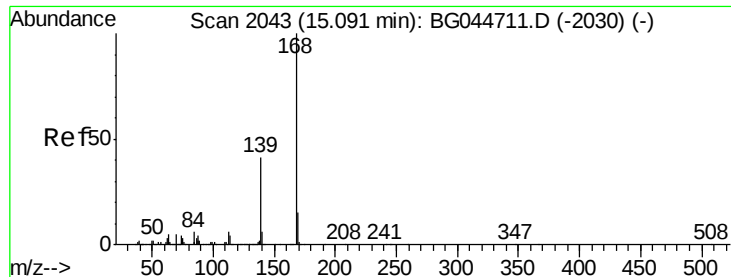
Tot Ion:138 Resp: 43306
 Ion Ratio Lower Upper
 138 100
 108 12.5 9.2 13.8
 92 121.9 105.6 158.4



#54
 2,4-Dinitrophenol
 Concen: 7.736 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: BG044709.D
 Acq: 10 Mar 2020 11:10

Tgt Ion:184 Resp: 13379
 Ion Ratio Lower Upper
 184 100
 63 48.9 49.0 73.6#
 154 85.1 94.5 141.7#

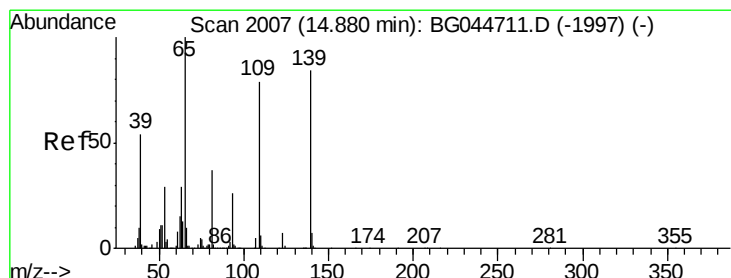
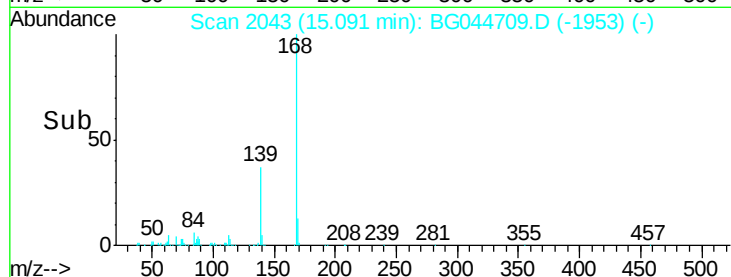
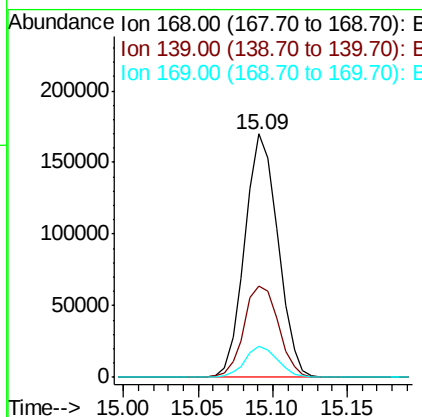
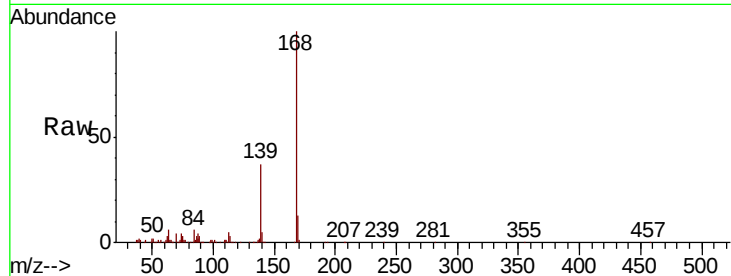




#55
Dibenzofuran
Concen: 11.104 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

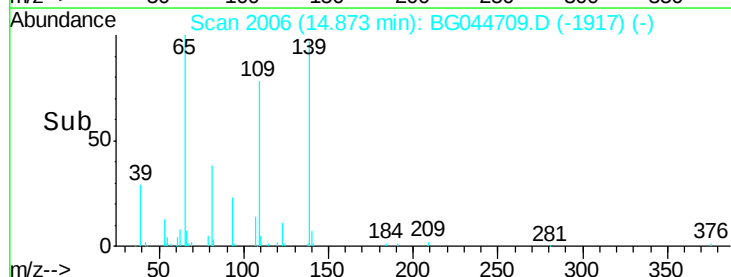
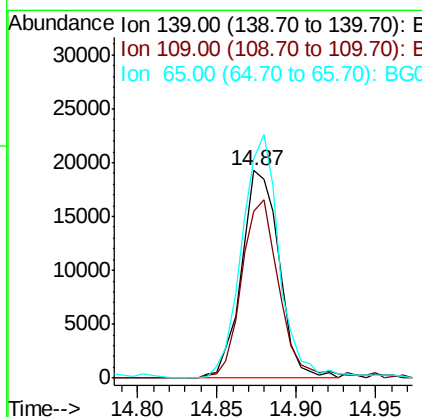
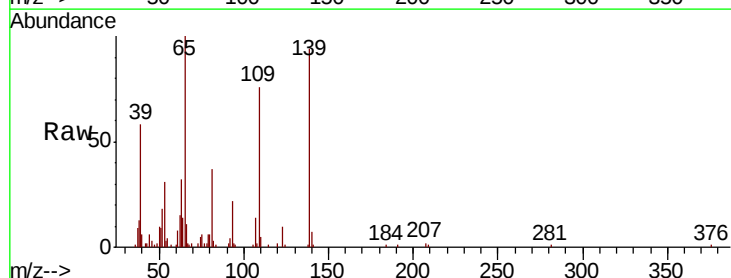
Instrument :
BNA_G
ClientSampled :

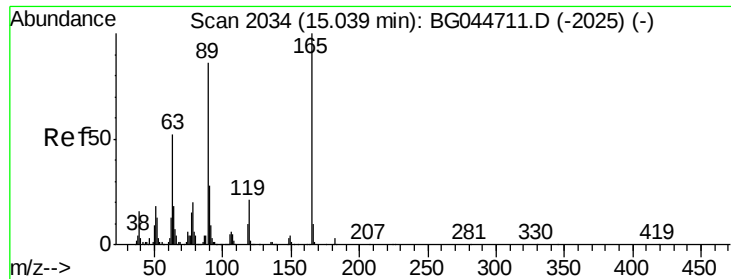
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	32.6	49.0
169	12.6	11.8	17.6



#56
4-Nitrophenol
Concen: 9.480 ng
RT: 14.87 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.6	74.1	114.1
65	106.1	98.6	138.6

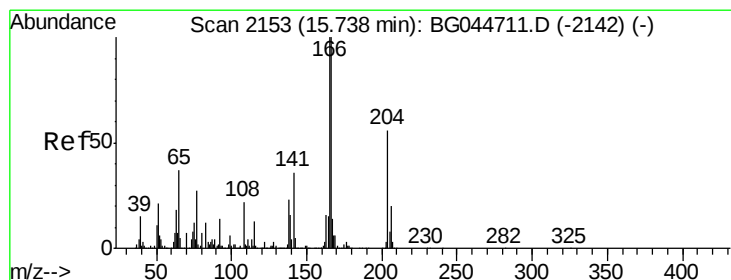
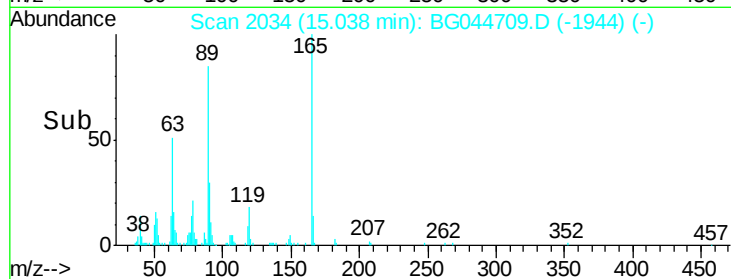
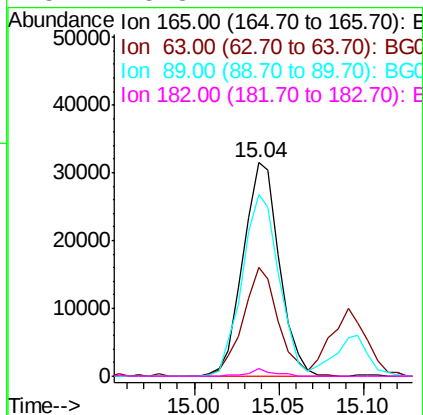
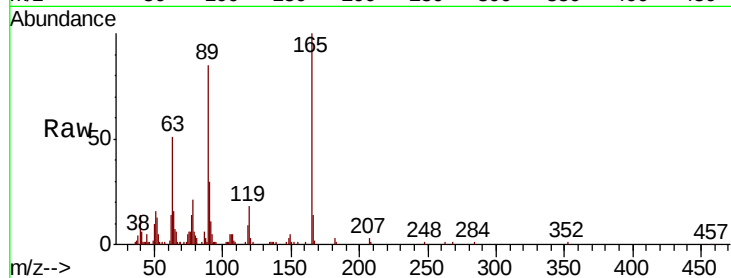




#57
2,4-Dinitrotoluene
Concen: 9.467 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

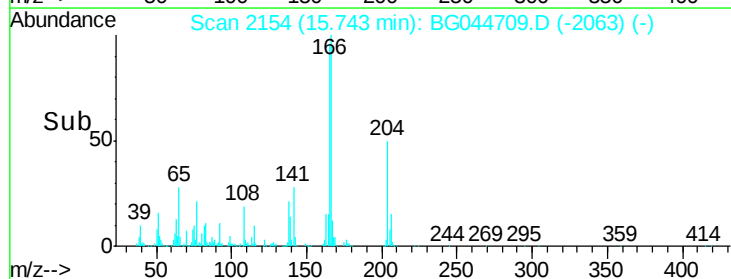
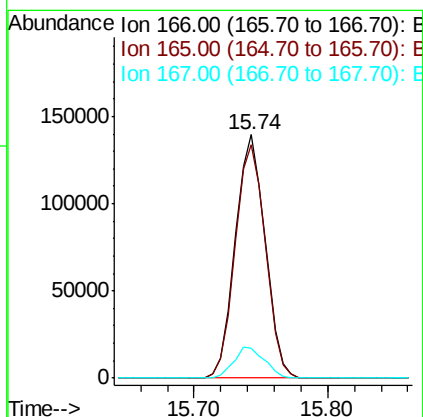
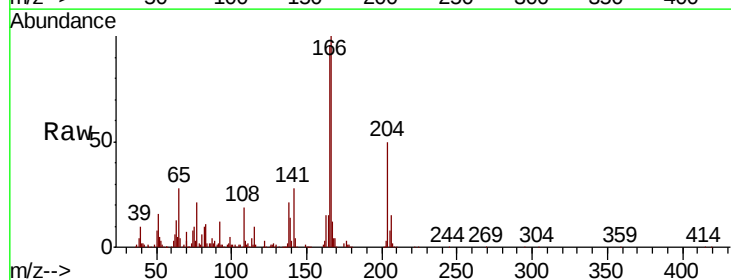
Instrument :
BNA_G
ClientSampleId :

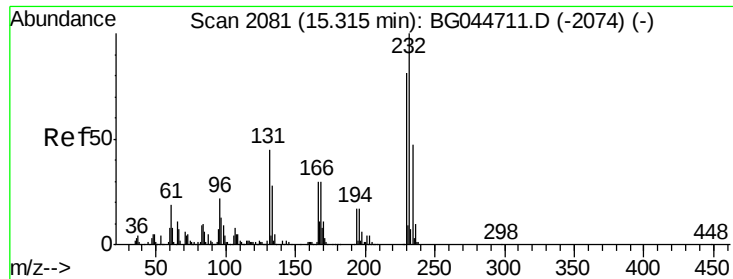
Tot Ion:165 Resp: 47123
Ion Ratio Lower Upper
165 100
63 50.9 41.5 62.3
89 85.3 69.0 103.4
182 3.3 2.7 4.1



#58
Fluorene
Concen: 11.162 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.01 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

Tgt Ion:166 Resp: 216792
Ion Ratio Lower Upper
166 100
165 95.8 79.6 119.4
167 12.4 11.4 17.2

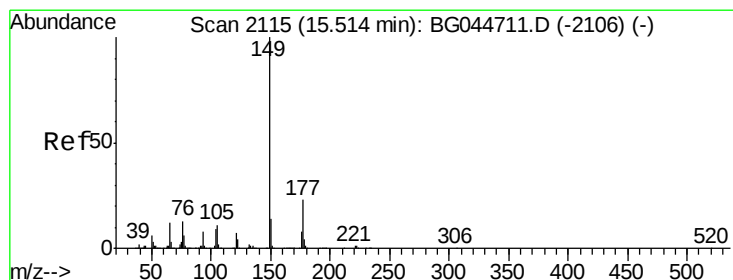
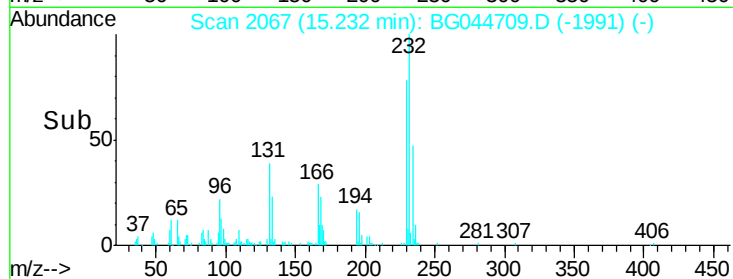
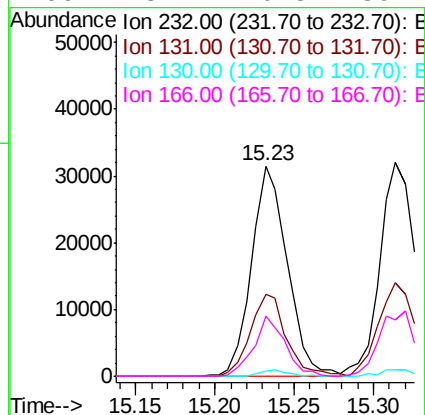
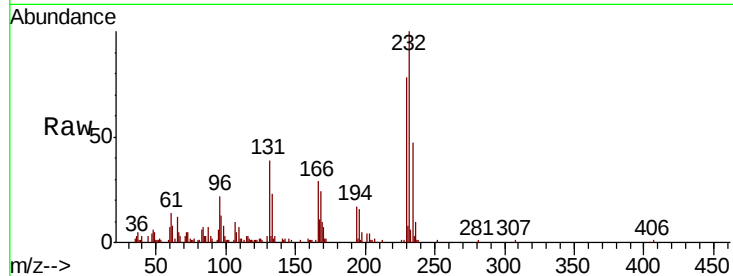




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.016 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.08 min
 Lab File: BG044709.D
 Acq: 10 Mar 2020 11:10

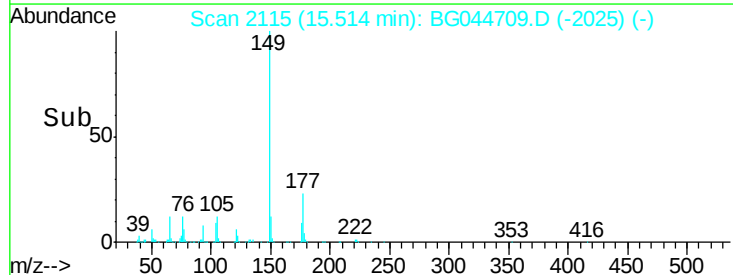
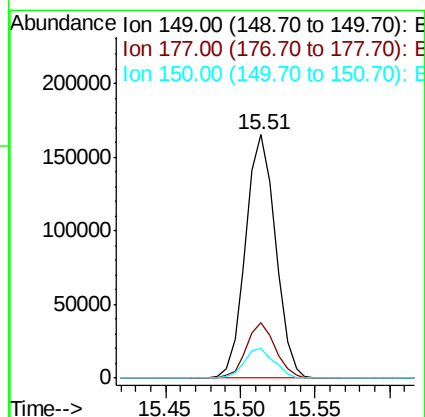
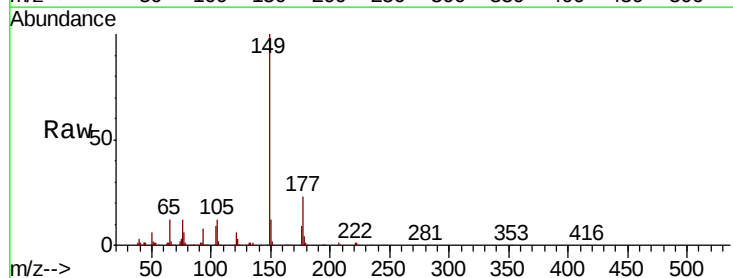
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	232	Resp:	49386
Ion	Ratio	Lower	Upper
232	100		
131	39.2	32.4	48.6
130	2.6	2.0	3.0
166	25.1	20.5	30.7



#60
 Diethylphthalate
 Concen: 10.352 ng
 RT: 15.51 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: BG044709.D
 Acq: 10 Mar 2020 11:10

Tgt Ion:	149	Resp:	229429
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.8	28.2
150	12.2	11.2	16.8

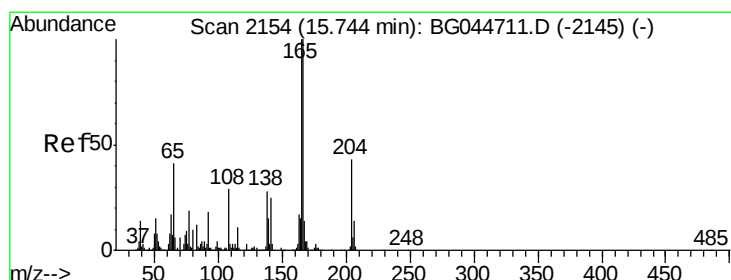
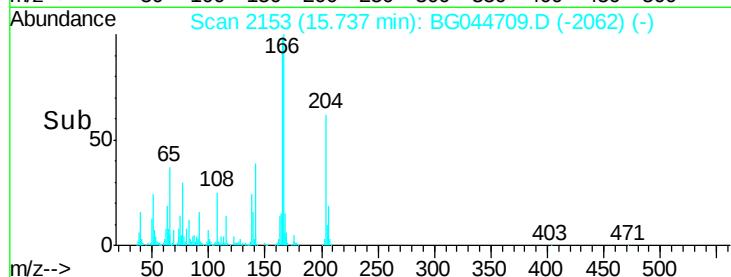
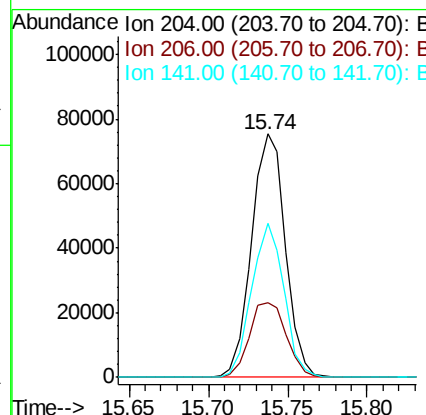
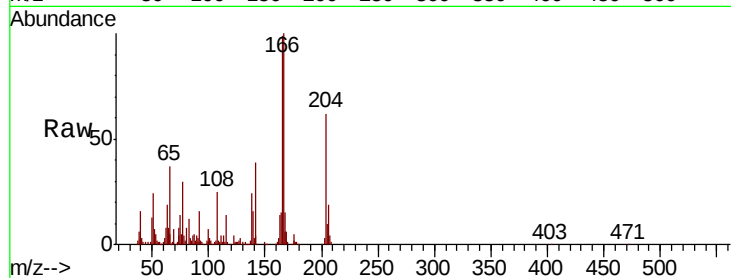




#61
4-Chlorophenyl-phenylether
Concen: 10.596 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

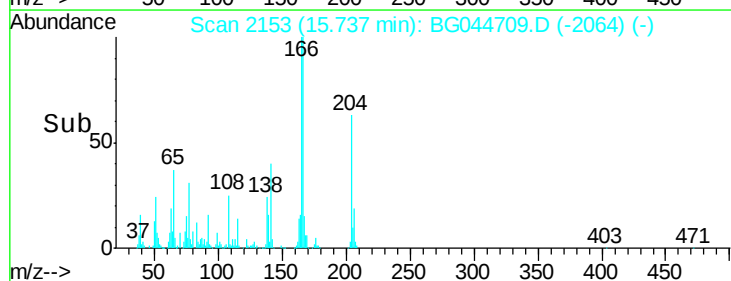
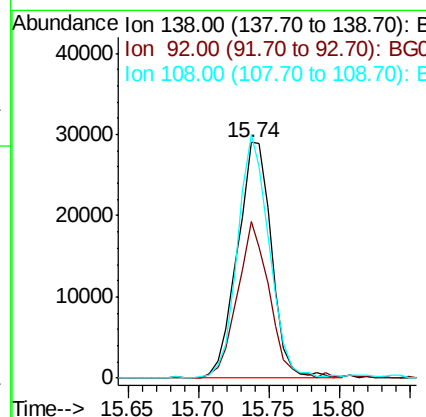
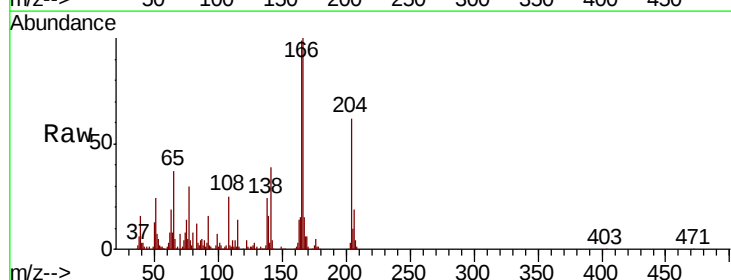
Instrument :
BNA_G
ClientSampleId :

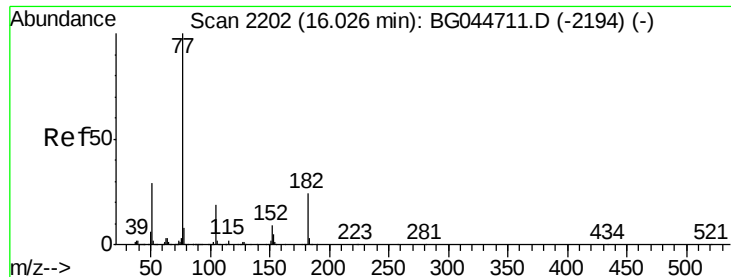
Tot Ion:204 Resp: 111672
Ion Ratio Lower Upper
204 100
206 30.9 25.8 38.6
141 63.2 50.8 76.2



#62
4-Nitroaniline
Concen: 10.352 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

Tgt Ion:138 Resp: 48950
Ion Ratio Lower Upper
138 100
92 66.3 42.1 82.1
108 103.4 81.2 121.2





#63

Azobenzene

Concen: 10.730 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 248874

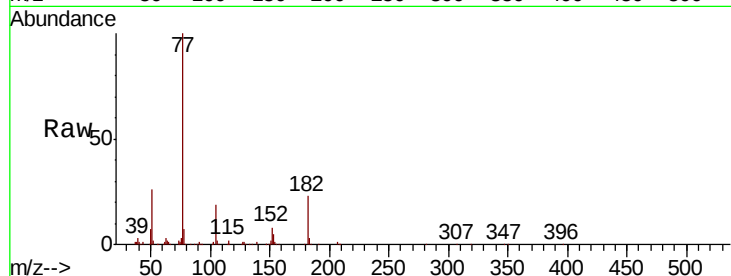
Ion Ratio Lower Upper

77 100

182 23.1 3.6 43.6

105 19.0 0.0 39.3

51 25.8 8.7 48.7

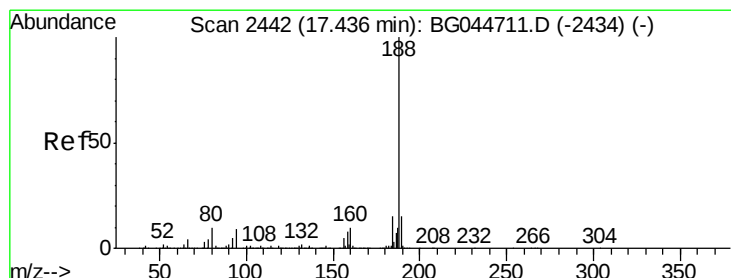
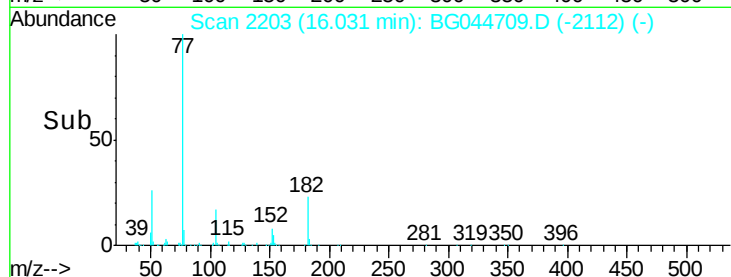
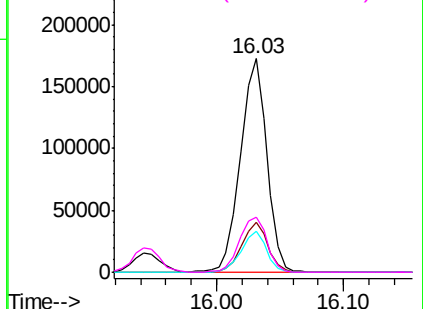


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

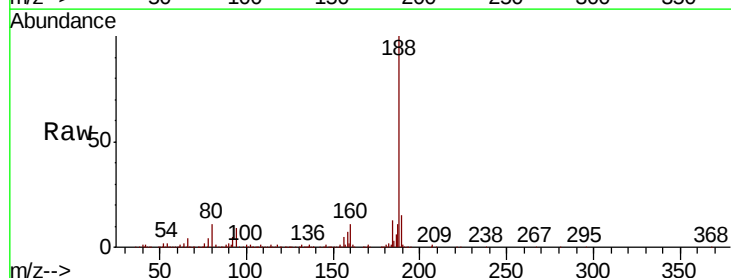
Tgt Ion: 188 Resp: 559998

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

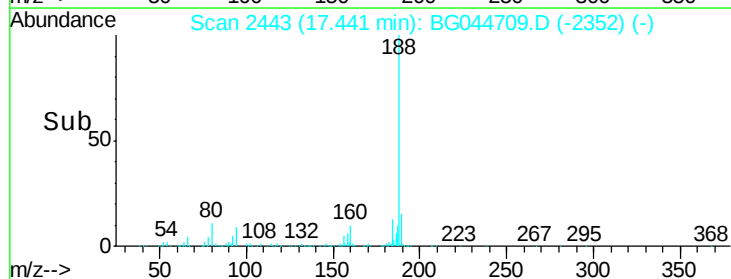
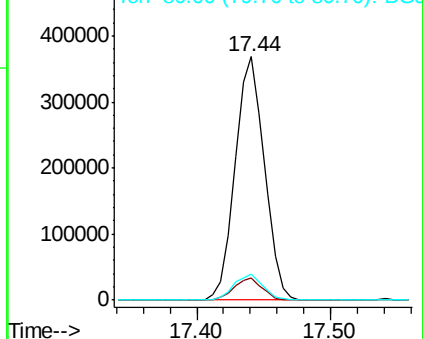
80 10.7 8.4 12.6

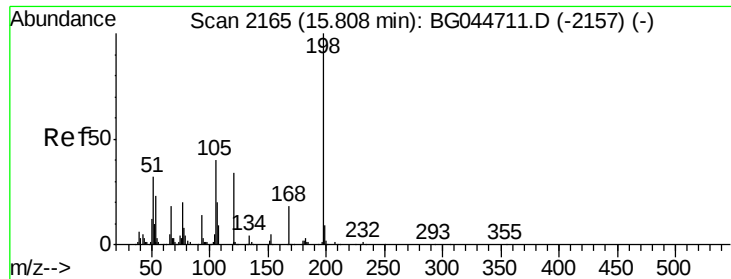


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

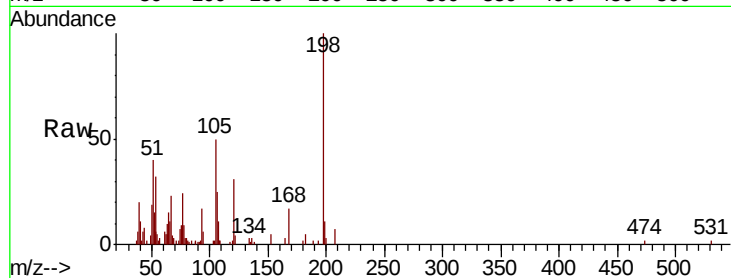




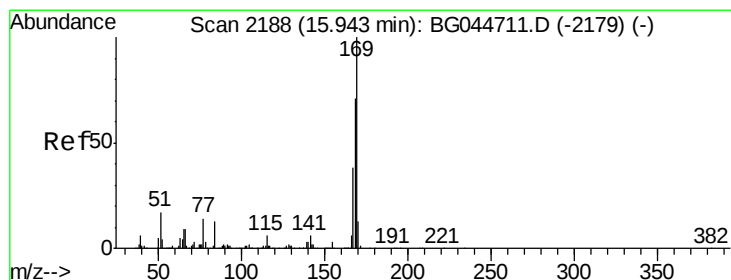
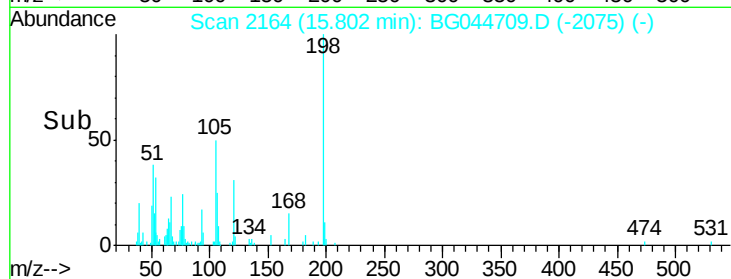
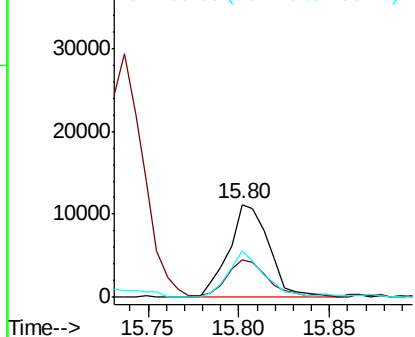
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.565 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG044709.D
 Acq: 10 Mar 2020 11:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.2	20.1	60.1
105	49.9	21.3	61.3

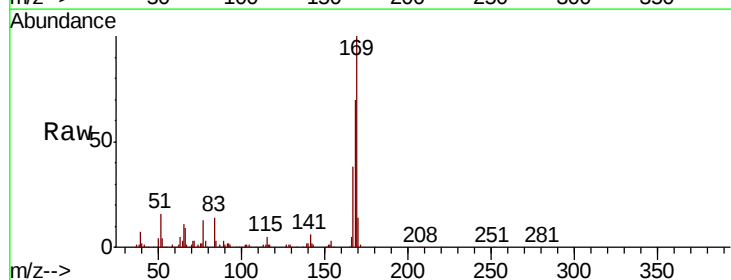


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

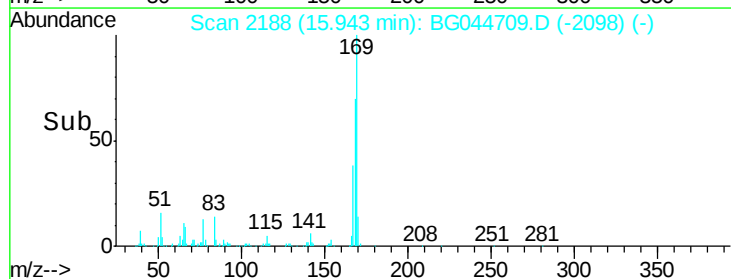
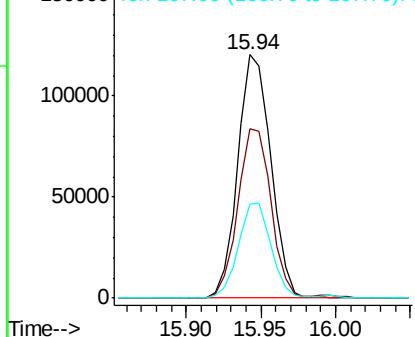


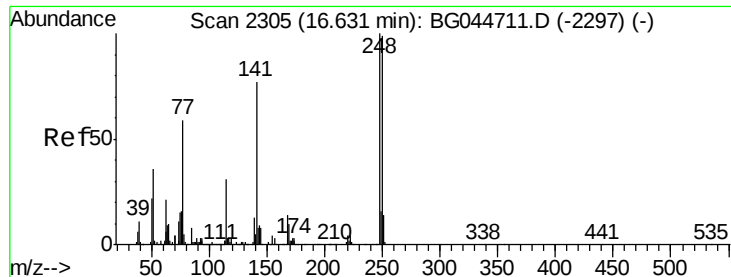
#66
 n-Nitrosodiphenylamine
 Concen: 10.815 ng
 RT: 15.94 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG044709.D
 Acq: 10 Mar 2020 11:10

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.8	56.6	85.0
167	38.3	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

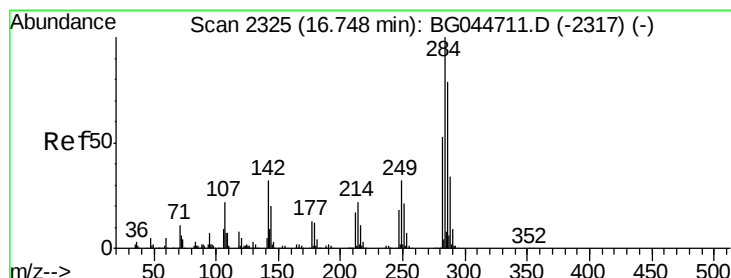
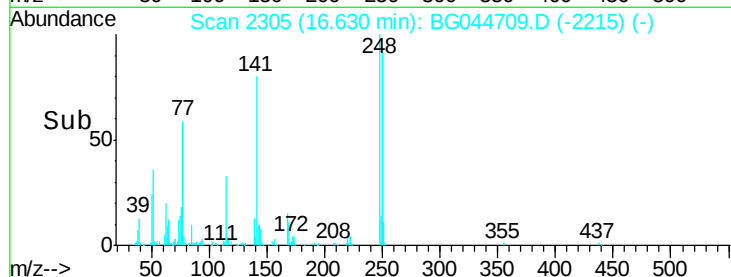
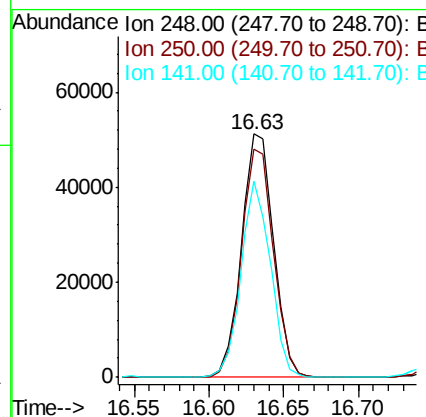
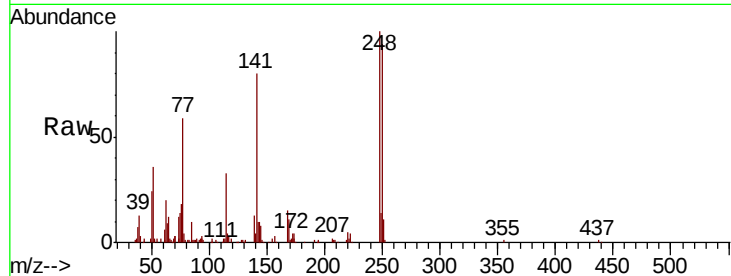




#67
4-Bromophenyl-phenylether
Concen: 10.788 ng
RT: 16.63 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

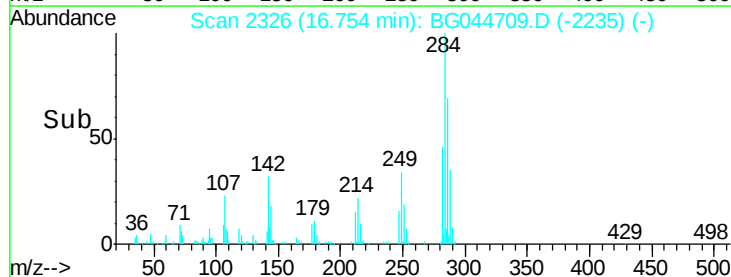
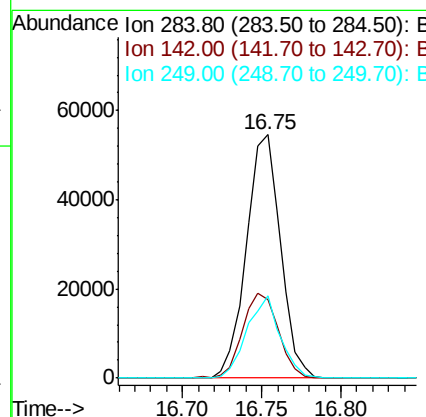
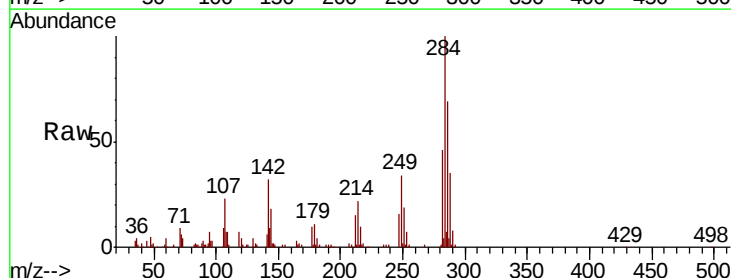
Instrument :
BNA_G
ClientSampleId :

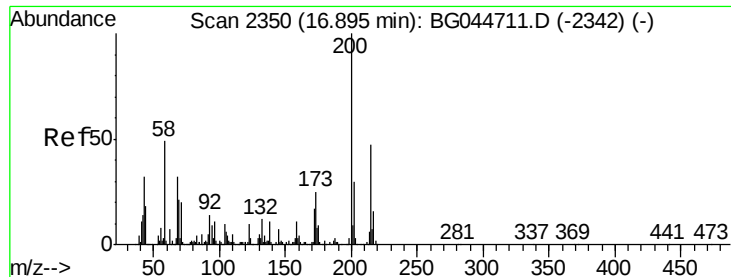
Tot Ion:248 Resp: 76192
Ion Ratio Lower Upper
248 100
250 93.6 79.4 119.0
141 80.5 61.7 92.5



#68
Hexachlorobenzene
Concen: 10.709 ng
RT: 16.75 min Scan# 2326
Delta R.T. 0.01 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

Tgt Ion:284 Resp: 81667
Ion Ratio Lower Upper
284 100
142 32.4 25.6 38.4
249 33.9 25.8 38.6

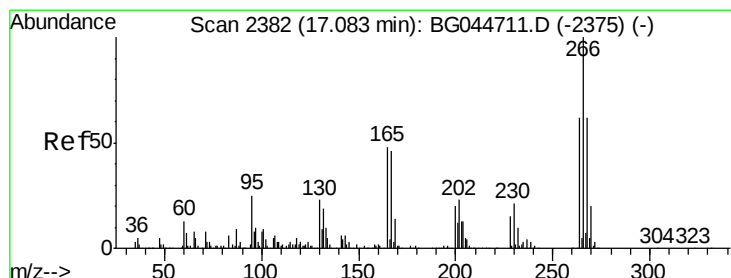
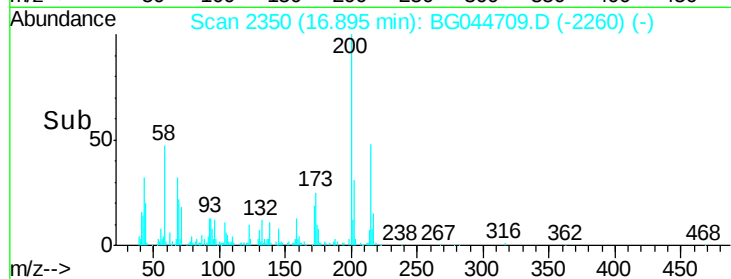
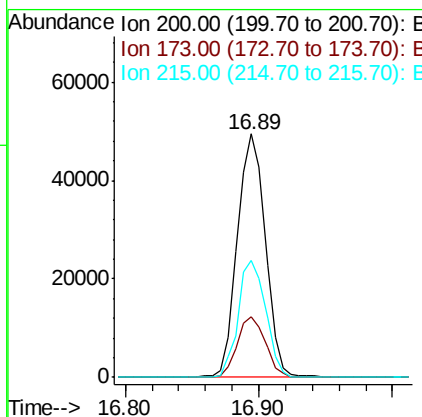
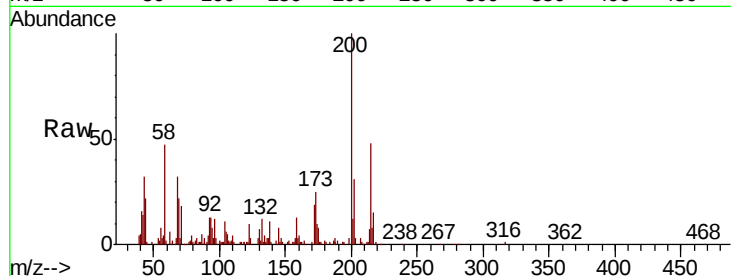




#69
Atrazine
Concen: 10.888 ng
RT: 16.89 min Scan# 2350
Delta R.T. -0.00 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

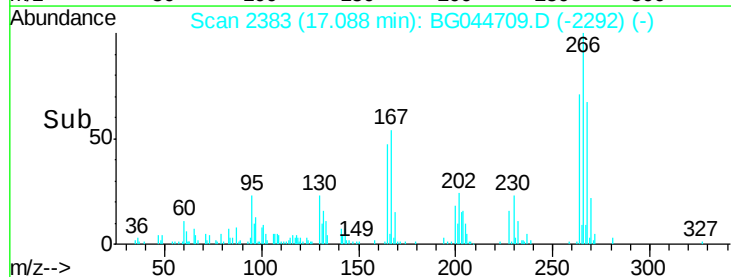
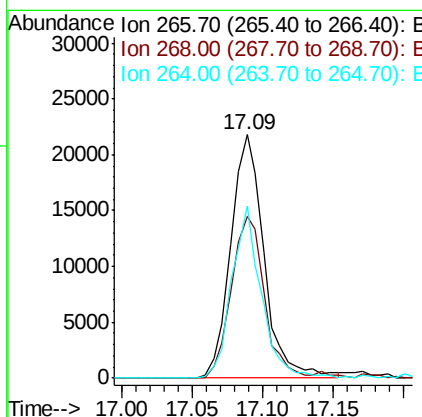
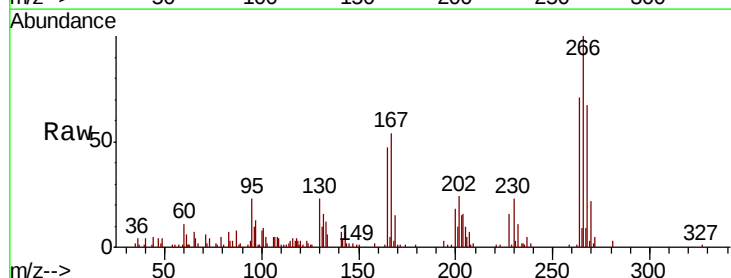
Instrument :
BNA_G
ClientSampleId :

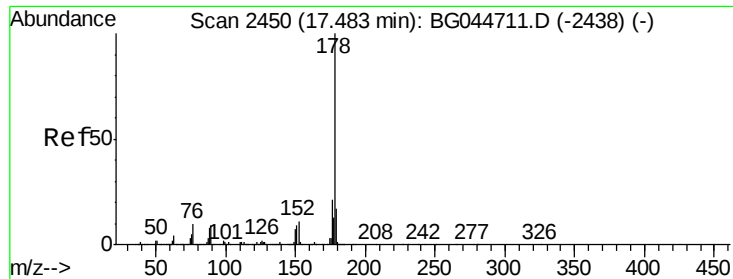
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	4.8	44.8
215	48.0	27.4	67.4



#70
Pentachlorophenol
Concen: 8.267 ng
RT: 17.09 min Scan# 2383
Delta R.T. 0.01 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	49.9	74.9
264	70.6	49.9	74.9

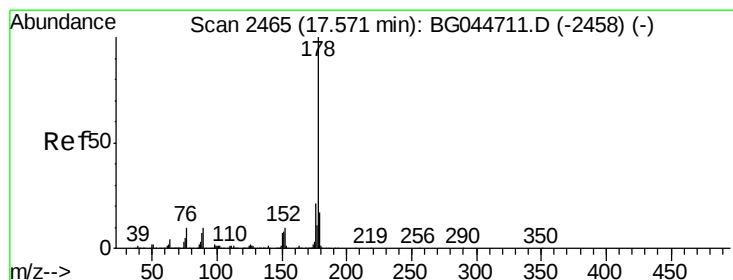
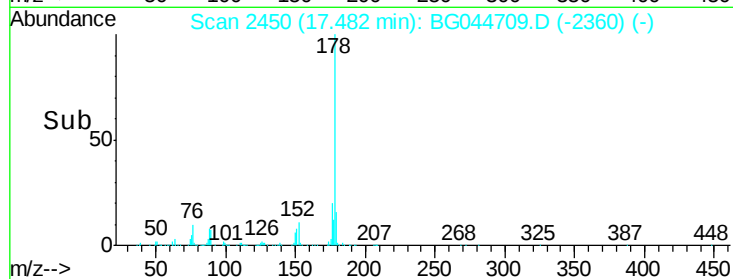
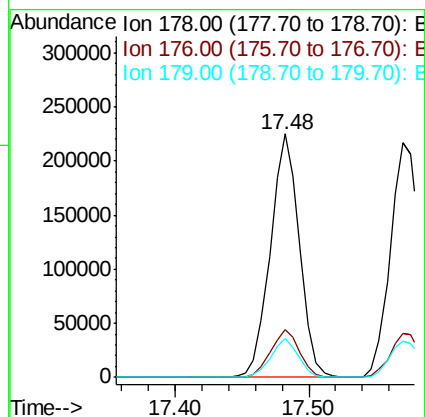
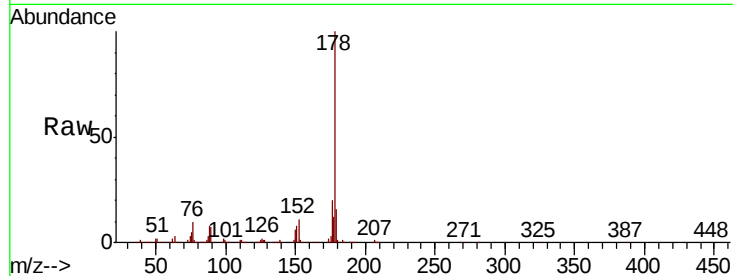




#71
Phenanthrene
Concen: 11.066 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

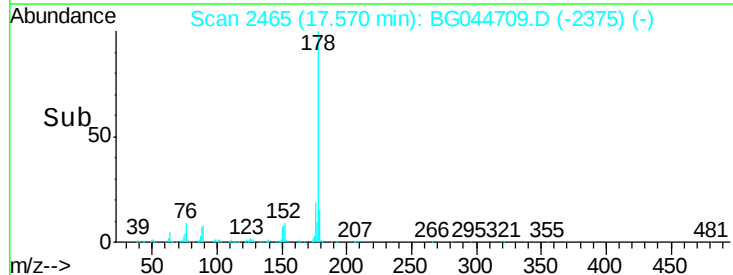
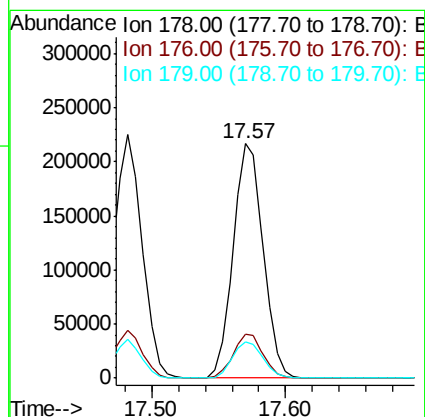
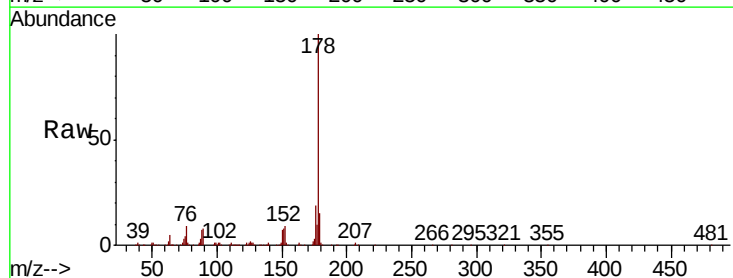
Instrument :
BNA_G
ClientSampleId :

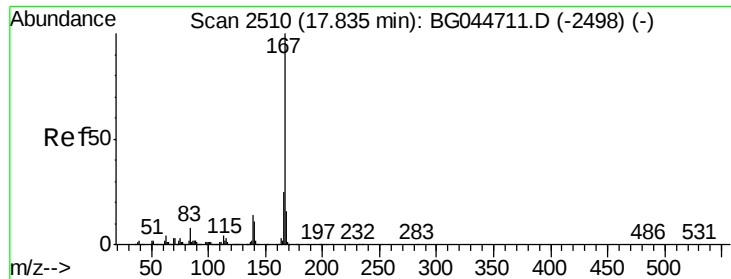
Tot Ion:178 Resp: 339800
Ion Ratio Lower Upper
178 100
176 19.9 17.0 25.6
179 16.0 13.7 20.5



#72
Anthracene
Concen: 11.189 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG044709.D
Acq: 10 Mar 2020 11:10

Tgt Ion:178 Resp: 338407
Ion Ratio Lower Upper
178 100
176 18.7 17.0 25.6
179 15.5 13.8 20.8





#73

Carbazole

Concen: 11.282 ng

RT: 17.83 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampleId :

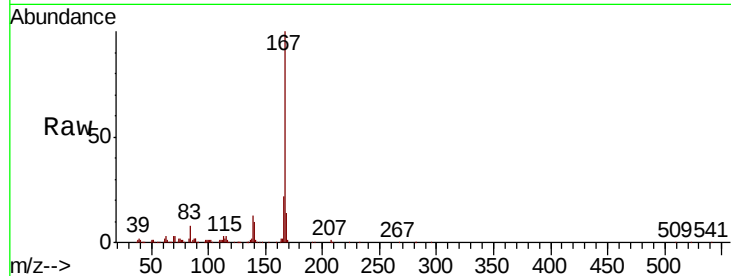
Tot Ion:167 Resp: 326762

Ion Ratio Lower Upper

167 100

166 21.6 19.6 29.4

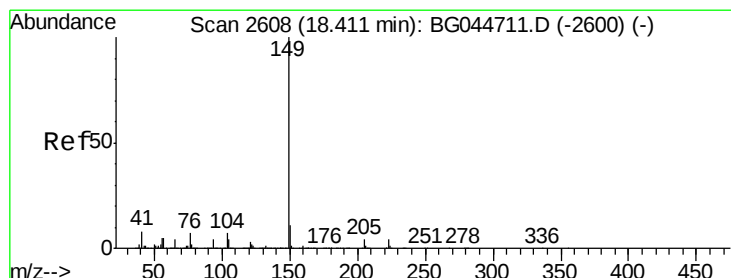
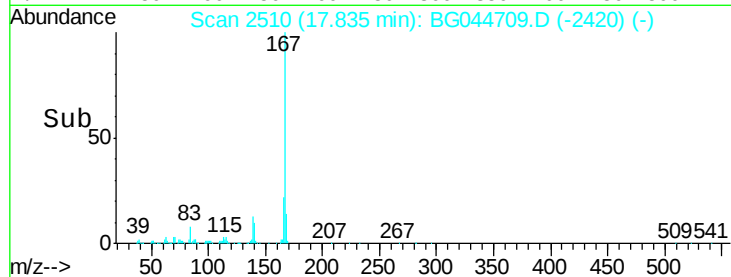
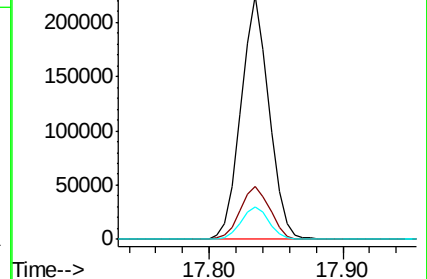
139 13.1 11.4 17.2



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: 10.889 ng

RT: 18.41 min Scan# 2608

Delta R.T. -0.00 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

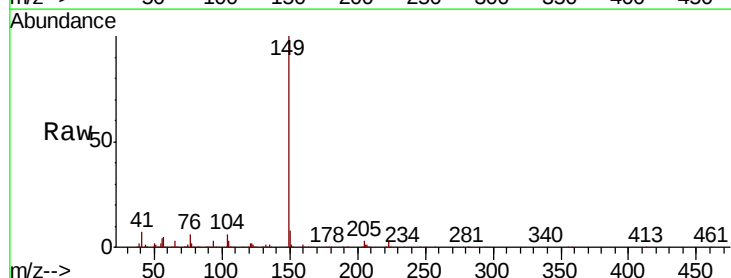
Tgt Ion:149 Resp: 397224

Ion Ratio Lower Upper

149 100

150 8.4 8.4 12.6#

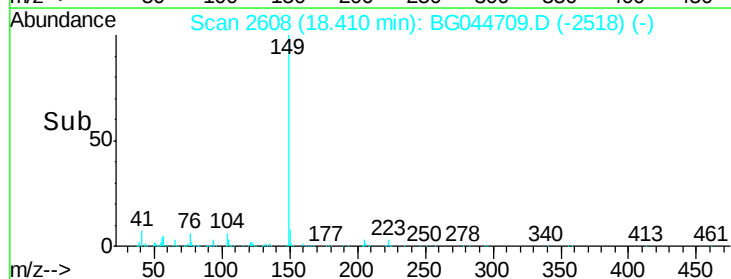
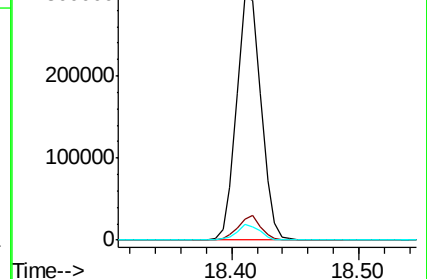
104 6.4 5.6 8.4

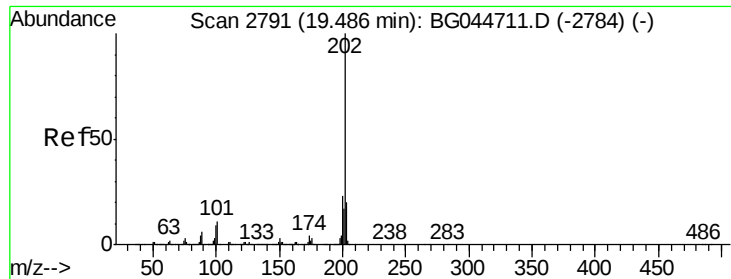


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 11.340 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampleId :

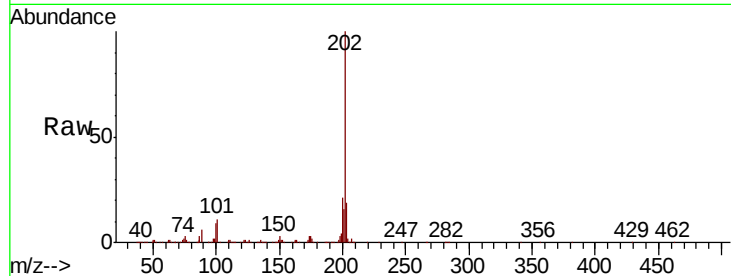
Tot Ion:202 Resp: 420844

Ion Ratio Lower Upper

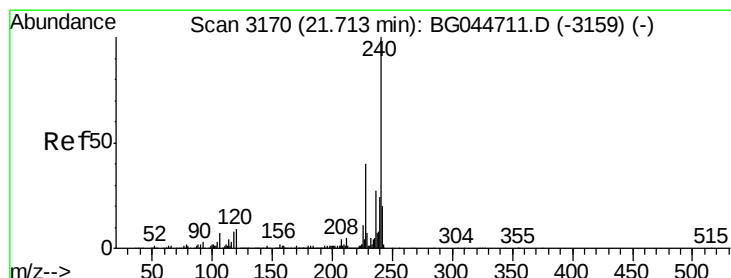
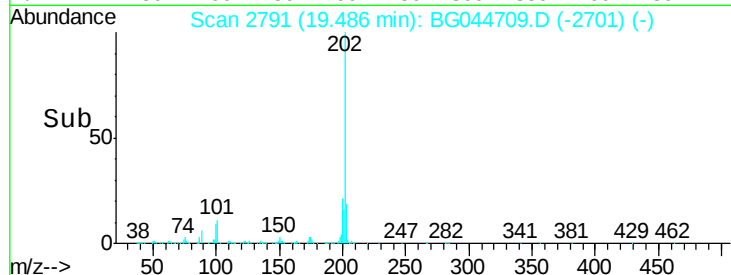
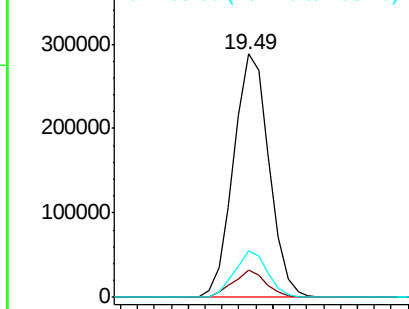
202 100

101 11.1 0.0 31.3

203 19.3 0.4 40.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

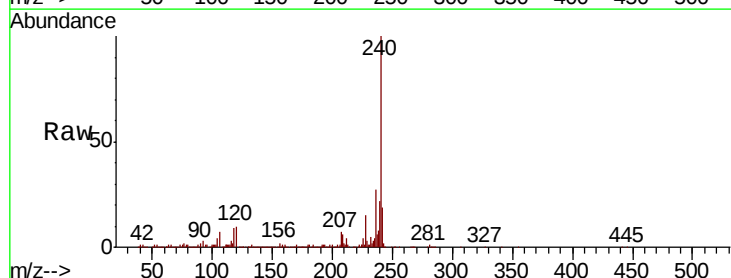
Tgt Ion:240 Resp: 512184

Ion Ratio Lower Upper

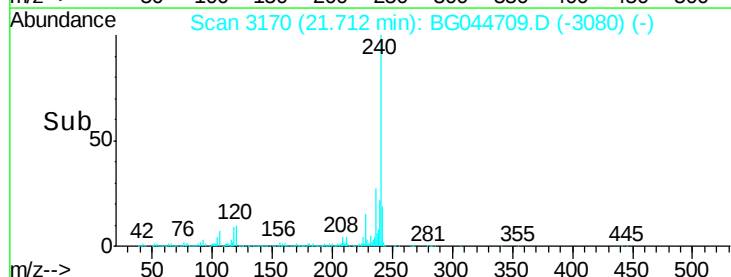
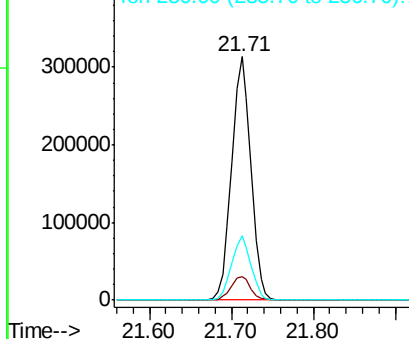
240 100

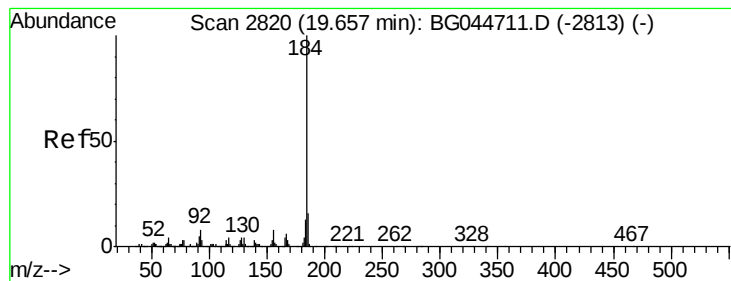
120 9.6 6.9 10.3

236 26.7 21.9 32.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.975 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampleId :

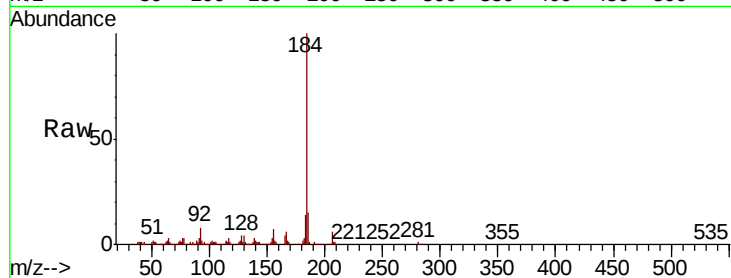
Tot Ion:184 Resp: 183494

Ion Ratio Lower Upper

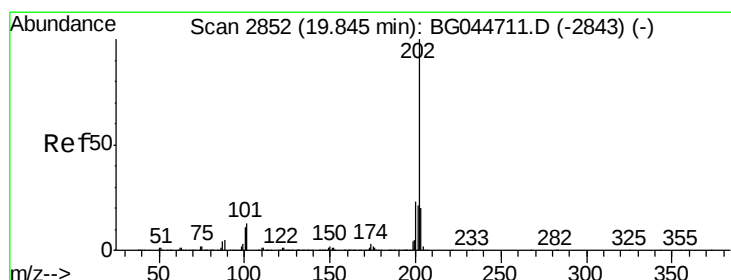
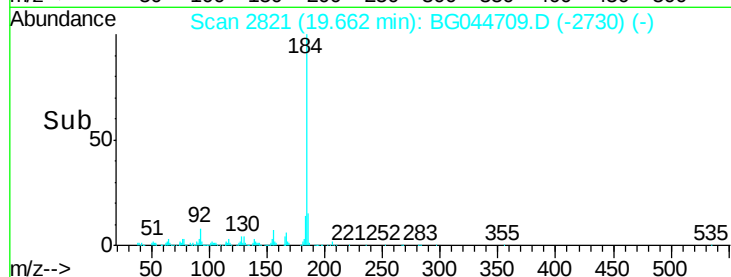
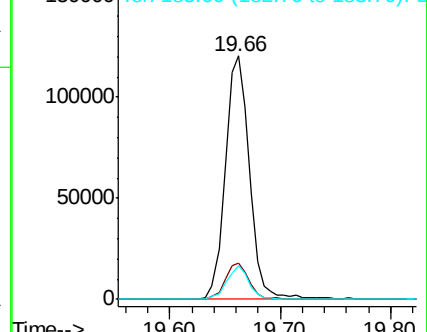
184 100

185 14.7 12.9 19.3

183 13.7 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 11.137 ng

RT: 19.84 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

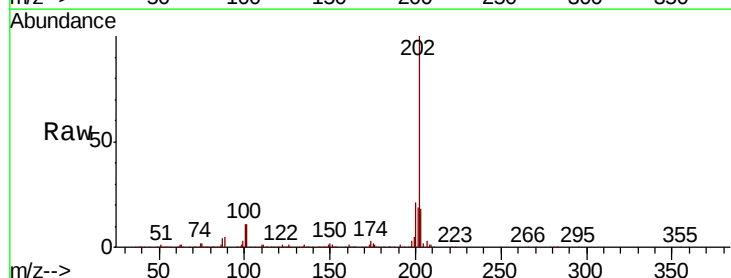
Tgt Ion:202 Resp: 435094

Ion Ratio Lower Upper

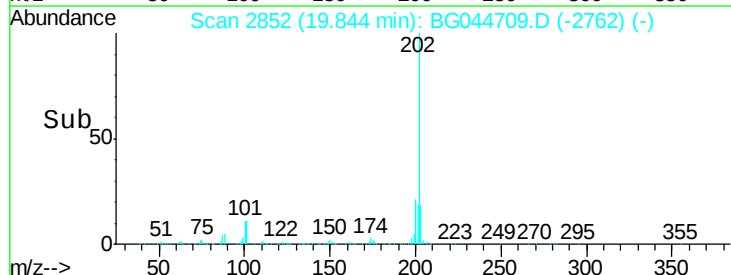
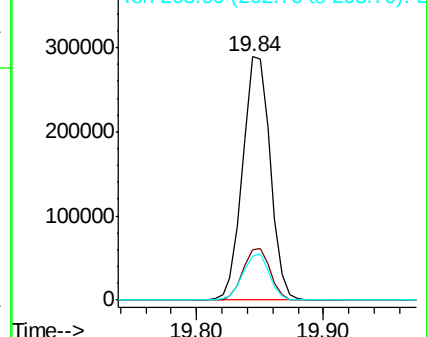
202 100

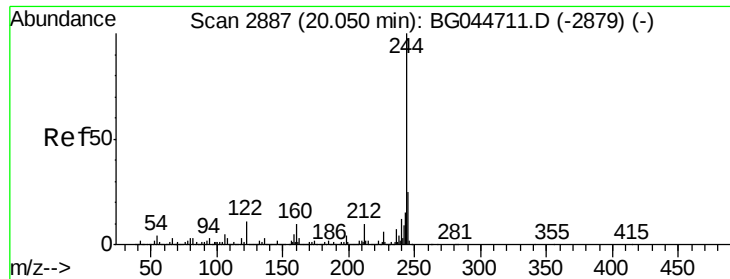
200 20.7 18.7 28.1

203 18.2 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: 23.217 ng

RT: 20.05 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampleId :

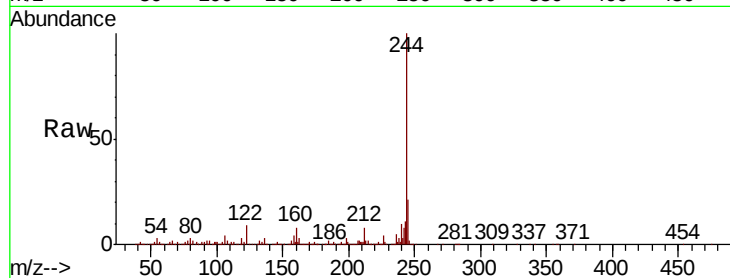
Tot Ion:244 Resp: 666184

Ion Ratio Lower Upper

244 100

212 7.9 8.4 12.6#

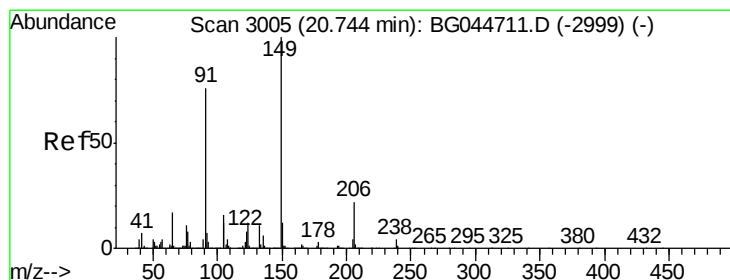
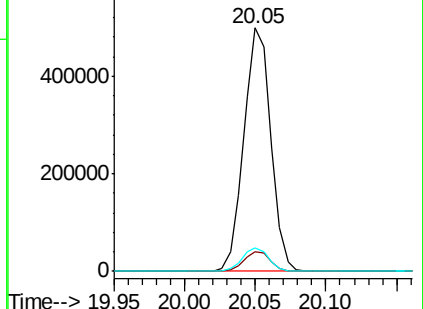
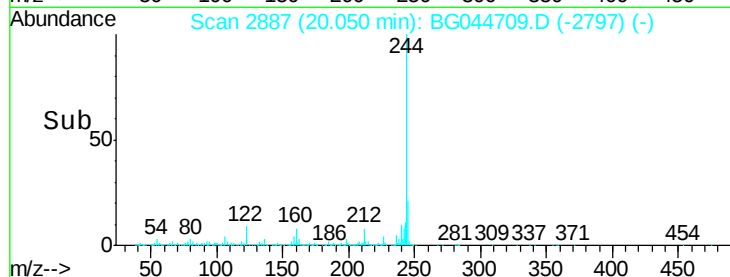
122 9.4 8.7 13.1



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: 9.237 ng

RT: 20.75 min Scan# 3006

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

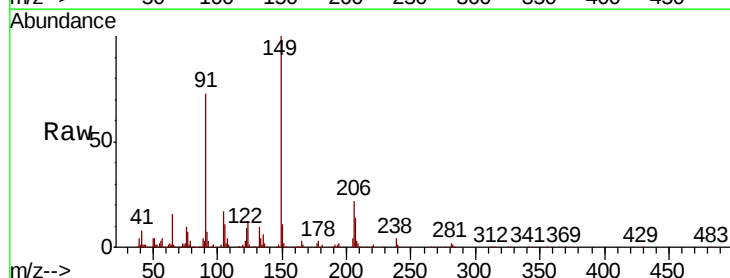
Tgt Ion:149 Resp: 161080

Ion Ratio Lower Upper

149 100

91 73.5 61.1 91.7

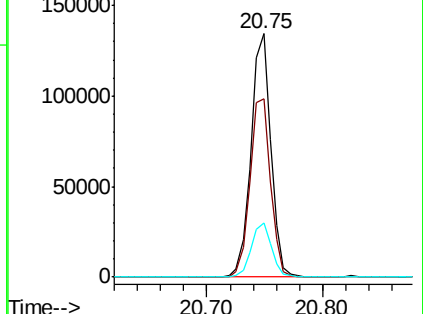
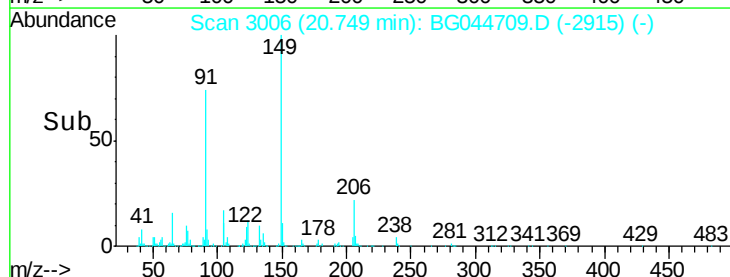
206 22.2 17.4 26.2

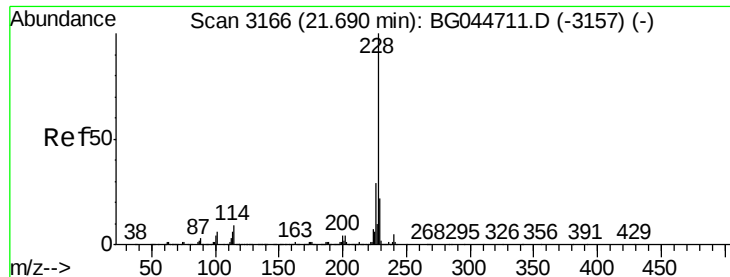


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.890 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.00 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

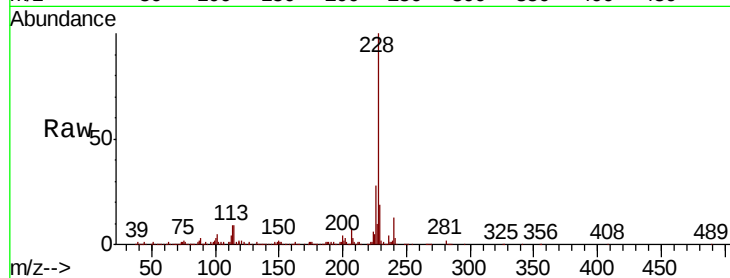
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 418273

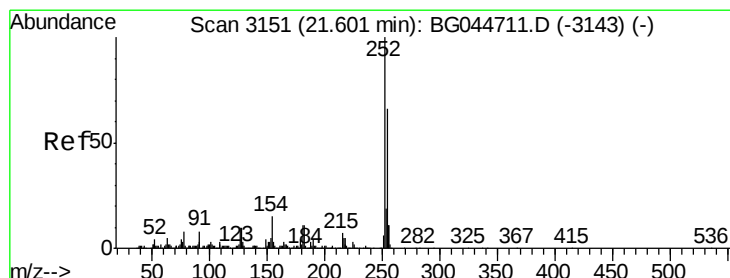
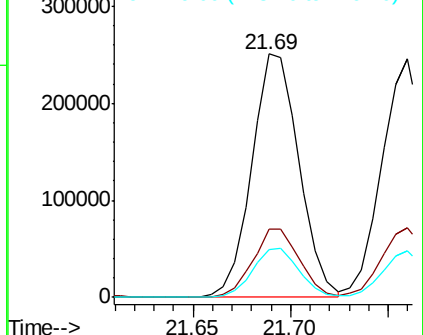
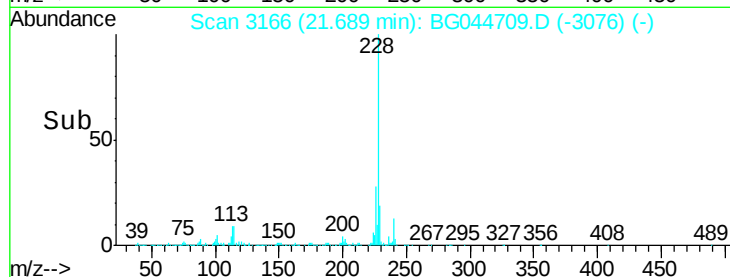
Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.5	35.3
229	19.5	17.2	25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 9.828 ng

RT: 21.61 min Scan# 3152

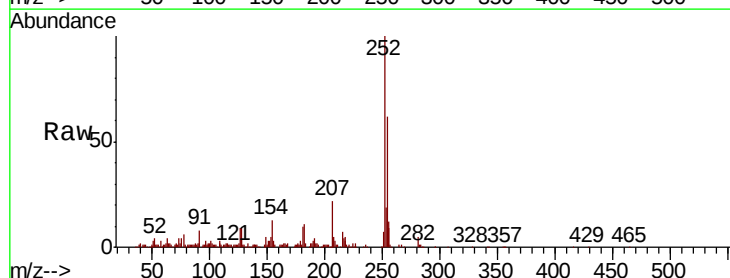
Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Tgt Ion:252 Resp: 150302

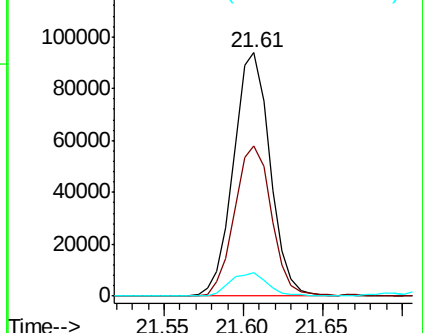
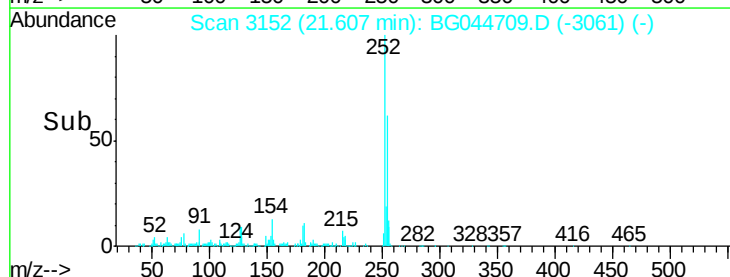
Ion	Ratio	Lower	Upper
252	100		
254	61.7	53.0	79.4
126	9.4	8.2	12.4

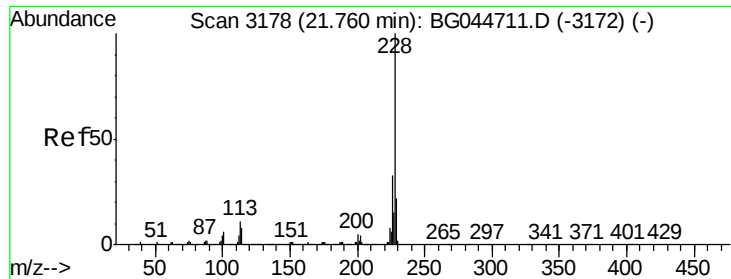


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 11.075 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

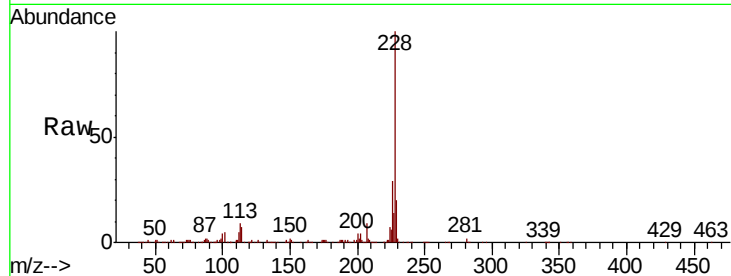
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 404880

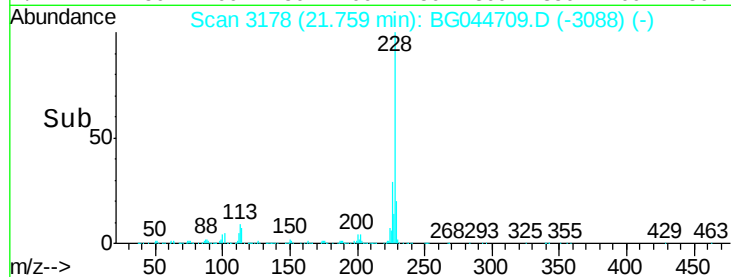
Ion	Ratio	Lower	Upper
228	100		
226	29.1	26.1	39.1
229	19.5	17.4	26.0



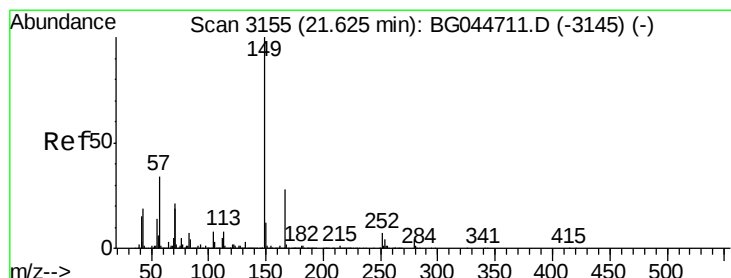
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.850 ng

RT: 21.63 min Scan# 3156

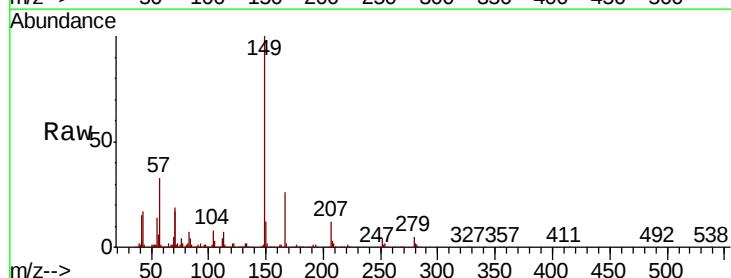
Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Tgt Ion:149 Resp: 239534

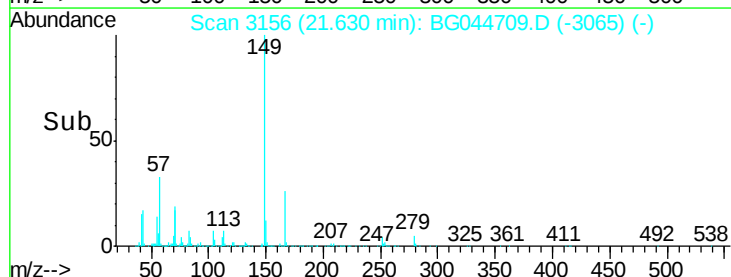
Ion	Ratio	Lower	Upper
149	100		
167	25.9	22.6	33.8
279	4.6	3.5	5.3



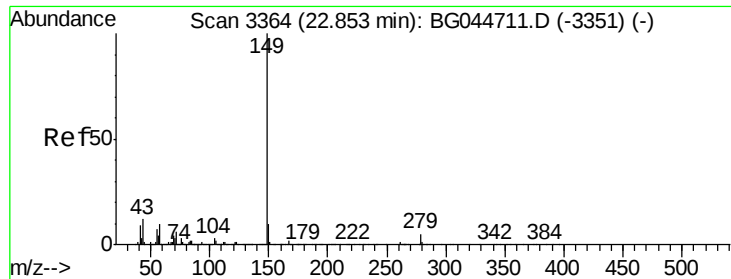
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 9.306 ng

RT: 22.86 min Scan# 3365

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampled :

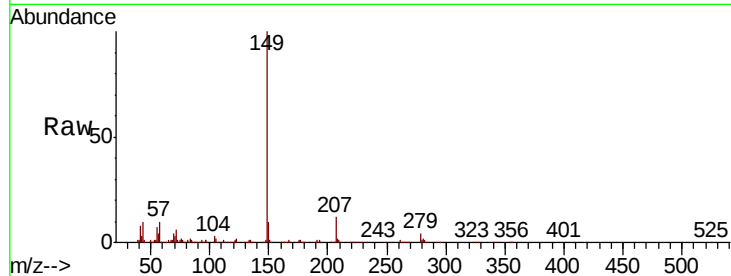
Tot Ion:149 Resp: 388613

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

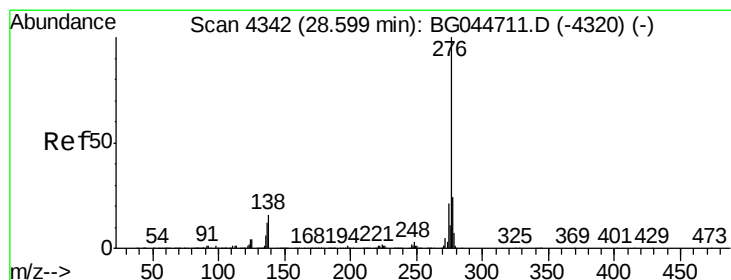
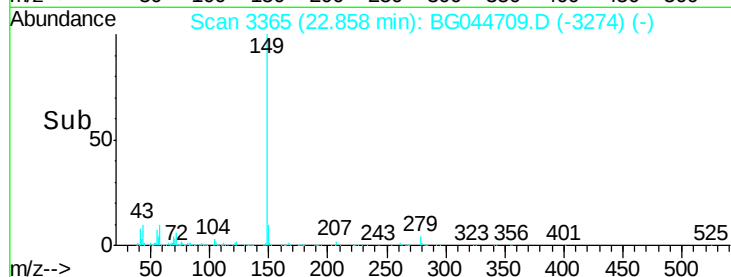
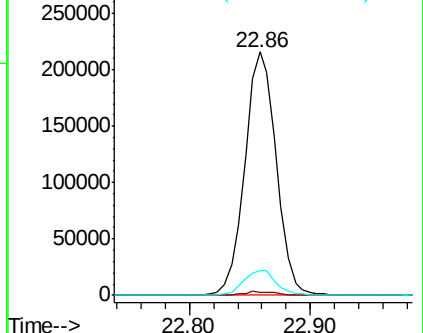
43 10.4 9.0 13.6



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: 9.815 ng

RT: 28.59 min Scan# 4340

Delta R.T. -0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

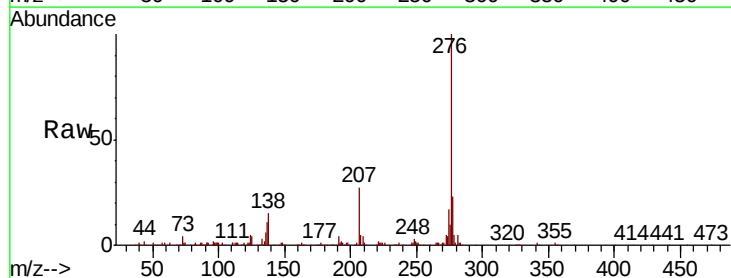
Tgt Ion:276 Resp: 473887

Ion Ratio Lower Upper

276 100

138 13.7 10.9 16.3

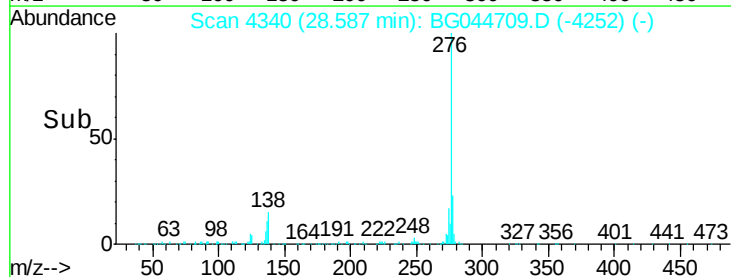
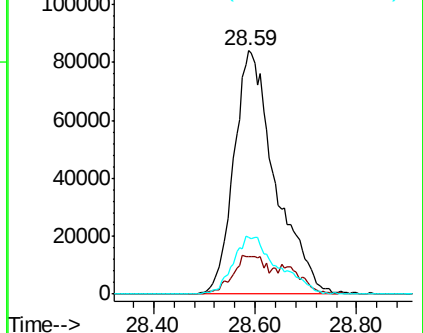
277 25.7 20.8 31.2

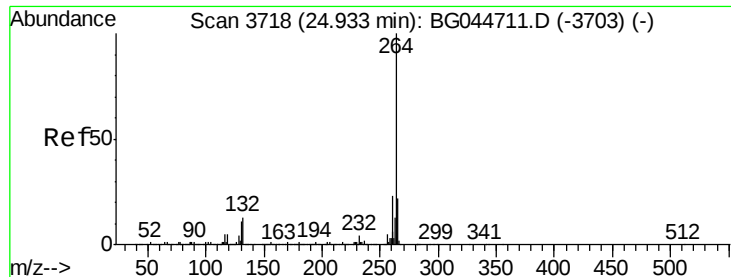


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.94 min Scan# 3719

Delta R.T. 0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampled :

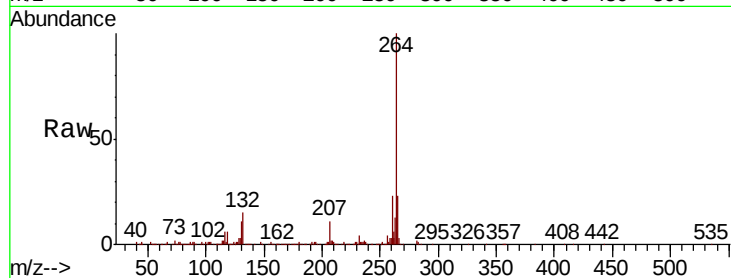
Tot Ion:264 Resp: 588210

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

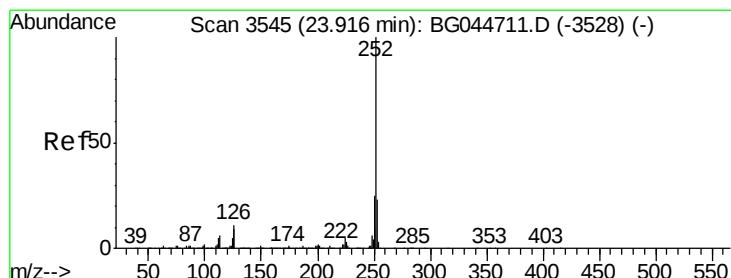
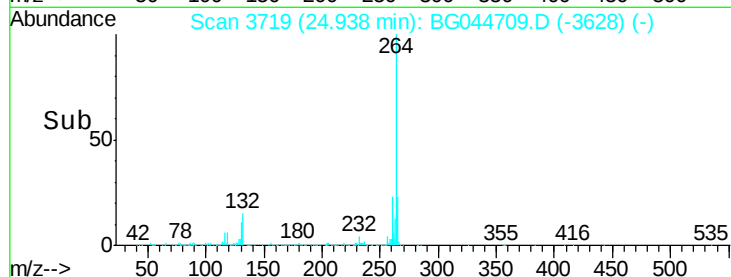
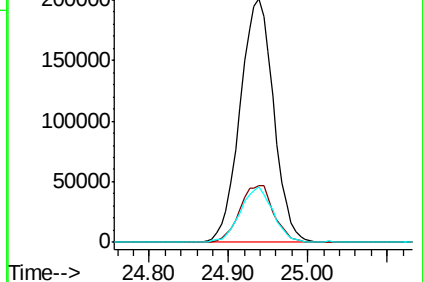
265 22.9 17.4 26.2



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: 10.753 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

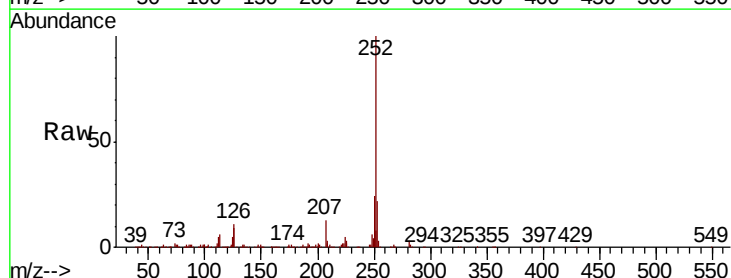
Tgt Ion:252 Resp: 430478

Ion Ratio Lower Upper

252 100

253 22.5 18.7 28.1

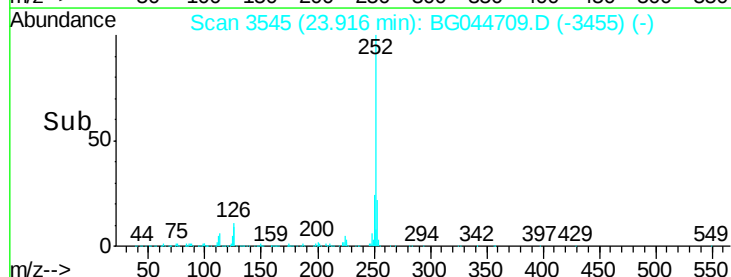
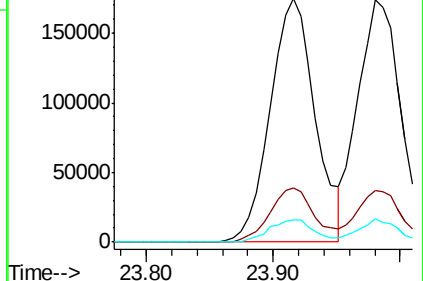
125 8.9 7.2 10.8

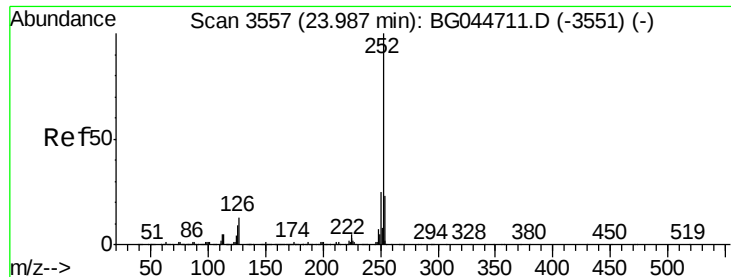


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 10.880 ng

RT: 23.98 min Scan# 3556

Delta R.T. -0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampleId :

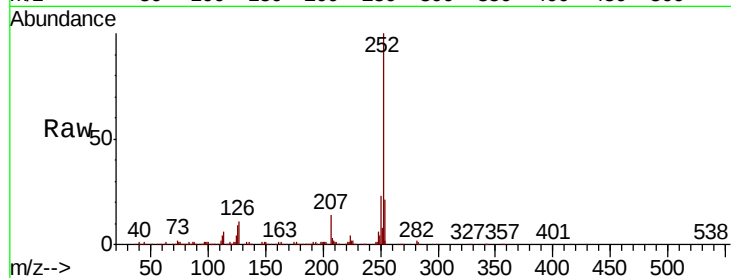
Tot Ion:252 Resp: 408280

Ion Ratio Lower Upper

252 100

253 21.3 18.4 27.6

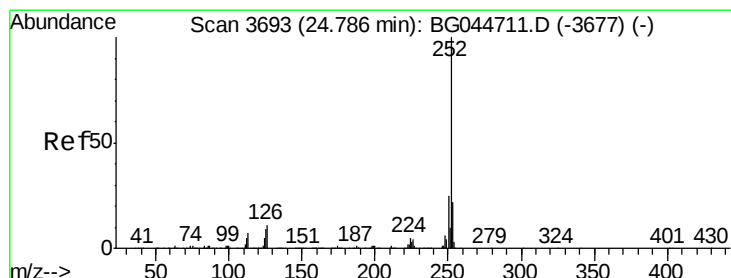
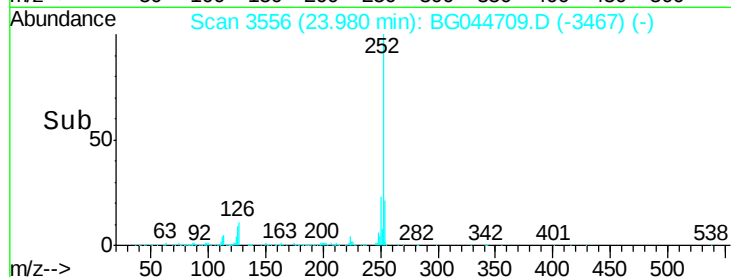
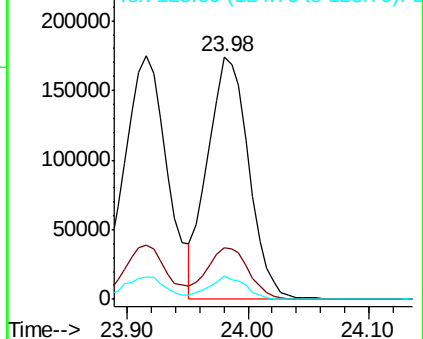
125 9.4 7.0 10.4



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: 10.509 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

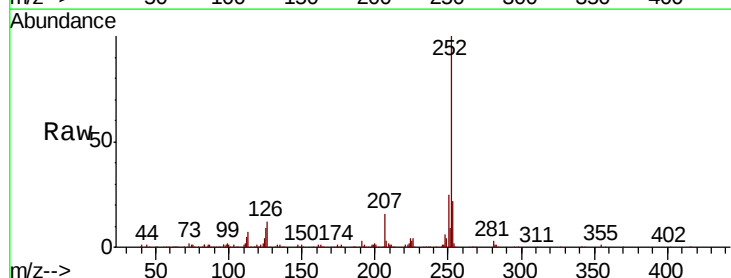
Tgt Ion:252 Resp: 391836

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

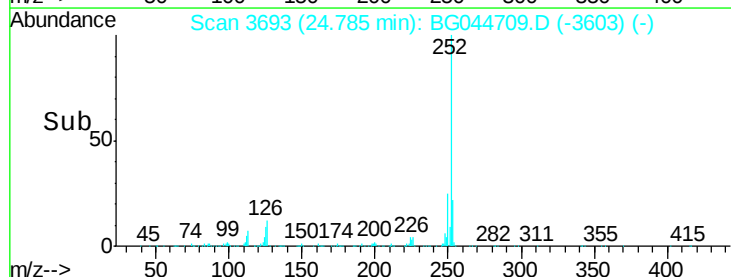
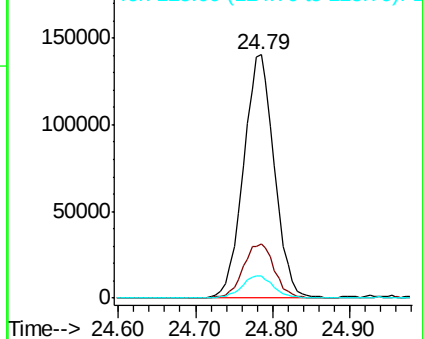
125 9.0 7.0 10.6

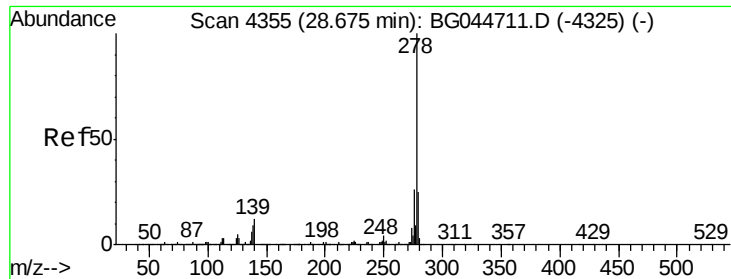


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 10.408 ng

RT: 28.67 min Scan# 4354

Delta R.T. -0.01 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

Instrument :

BNA_G

ClientSampleId :

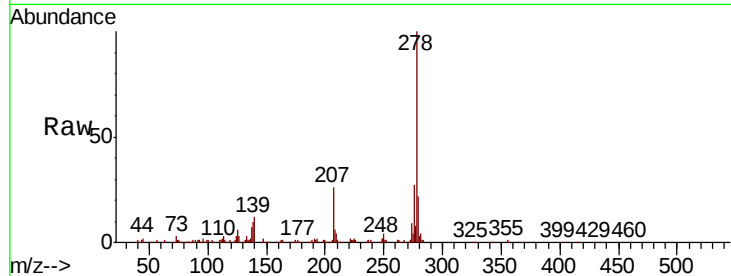
Tot Ion:278 Resp: 386954

Ion Ratio Lower Upper

278 100

139 12.0 9.9 14.9

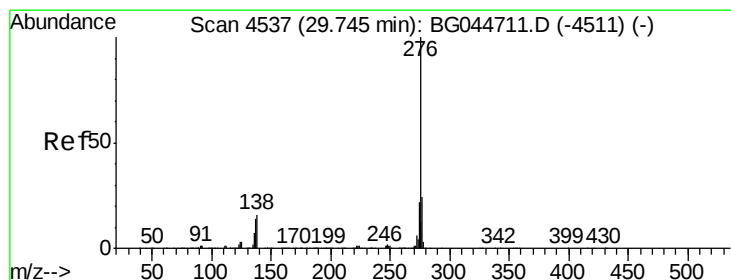
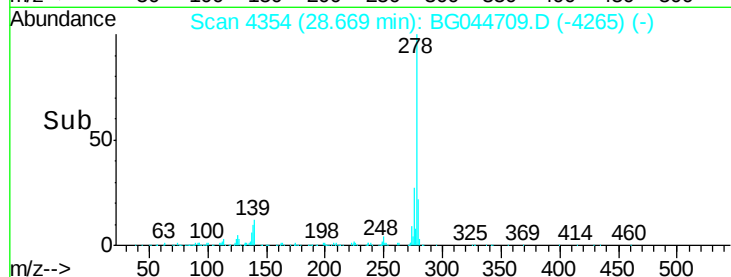
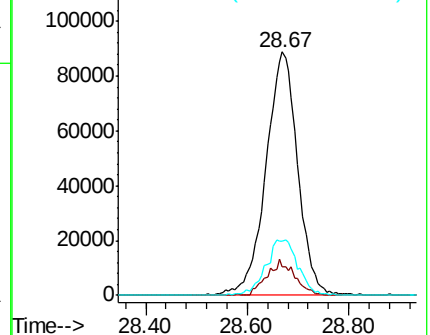
279 22.0 20.2 30.4



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: 10.249 ng

RT: 29.72 min Scan# 4533

Delta R.T. -0.02 min

Lab File: BG044709.D

Acq: 10 Mar 2020 11:10

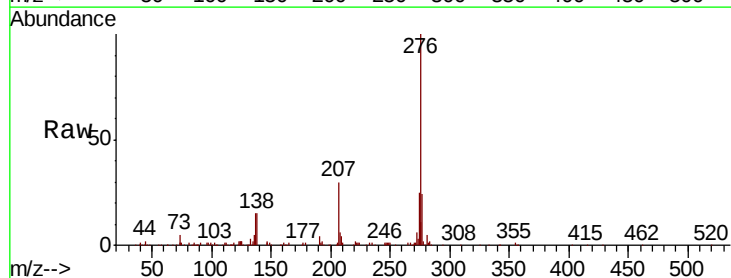
Tgt Ion:276 Resp: 381700

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 15.0 13.0 19.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

