

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
 Data File : BG044720.D
 Acq On : 11 Mar 2020 14:50
 Operator : CG/JU
 Sample : PB127319BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 12 01:12:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	118589	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	483810	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	331220	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	743449	20.00	ng	0.00
76) Chrysene-d12	21.71	240	645328	20.00	ng	0.00
87) Perylene-d12	24.93	264	664852	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	939401	123.31	ng	0.01
7) Phenol-d6	7.22	99	1320356	119.29	ng	0.00
23) Nitrobenzene-d5	9.22	82	731862	66.38	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	481896	111.12	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1499955	64.85	ng	0.00
79) Terphenyl-d14	20.05	244	2236363	64.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	124166	33.847	ng	97
3) Pyridine	3.92	79	306226	28.198	ng	98
4) n-Nitrosodimethylamine	3.83	42	164151	39.838	ng	# 100
6) Aniline	7.38	93	457170	33.194	ng	96
8) 2-Chlorophenol	7.63	128	349381	45.943	ng	98
9) Benzaldehyde	7.19	77	158556	20.075	ng	90
10) Phenol	7.24	94	501300	45.747	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	354421	40.526	ng	98
12) 1,3-Dichlorobenzene	7.95	146	351287	37.499	ng	95
13) 1,4-Dichlorobenzene	8.10	146	353293	38.147	ng	99
14) 1,2-Dichlorobenzene	8.42	146	335927	38.245	ng	92
15) Benzyl Alcohol	8.30	79	381678	42.978	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	582445	37.739	ng	99
17) 2-Methylphenol	8.50	107	333714	44.958	ng	89
18) Hexachloroethane	9.15	117	139476	38.252	ng	97
19) n-Nitroso-di-n-propylamine	8.87	70	312537	39.989	ng	97
20) 3+4-Methylphenols	8.83	107	457709	44.732	ng	99
22) Acetophenone	8.88	105	548710	40.033	ng	99
24) Nitrobenzene	9.26	77	461600	40.349	ng	99
25) Isophorone	9.79	82	853891	39.682	ng	98
26) 2-Nitrophenol	9.98	139	173851	44.259	ng	96
27) 2,4-Dimethylphenol	10.04	122	345436	49.295	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	495070	38.552	ng	96
29) 2,4-Dichlorophenol	10.52	162	353928	43.242	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	378041	38.628	ng	97
31) Naphthalene	10.92	128	1065966	39.774	ng	99
32) Benzoic acid	10.18	122	227057	42.884	ng	88
33) 4-Chloroaniline	11.02	127	260819	21.601	ng	99
34) Hexachlorobutadiene	11.22	225	240289	37.335	ng	94
35) Caprolactam	11.79	113	58134	18.759	ng	95
36) 4-Chloro-3-methylphenol	12.14	107	415889	42.604	ng	99
37) 2-Methylnaphthalene	12.53	142	800238	39.916	ng	99
38) 1-Methylnaphthalene	12.74	142	761288	40.391	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	409108	37.505	ng	99

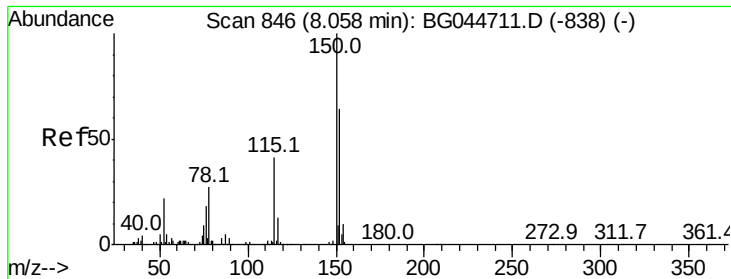
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031120\
 Data File : BG044720.D
 Acq On : 11 Mar 2020 14:50
 Operator : CG/JU
 Sample : PB127319BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 12 01:12:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	495825	83.174	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	300671	41.534	ng	96
44) 2,4,5-Trichlorophenol	13.20	196	312438	41.617	ng	99
46) 1,1'-Biphenyl	13.53	154	990008	37.403	ng	96
47) 2-Chloronaphthalene	13.57	162	765322	37.850	ng	98
48) 2-Nitroaniline	13.76	65	281306	39.739	ng	98
49) Acenaphthylene	14.42	152	1247538	39.383	ng	99
50) Dimethylphthalate	14.15	163	1012980	38.399	ng	98
51) 2,6-Dinitrotoluene	14.26	165	221442	41.645	ng	97
52) Acenaphthene	14.76	154	881168	42.475	ng	100
53) 3-Nitroaniline	14.58	138	168571	27.574	ng	95
54) 2,4-Dinitrophenol	14.79	184	219580	79.126	ng	# 71
55) Dibenzofuran	15.09	168	1179660	39.212	ng	99
56) 4-Nitrophenol	14.89	139	415606	89.077	ng	99
57) 2,4-Dinitrotoluene	15.05	165	310697	42.604	ng	# 95
58) Fluorene	15.75	166	956704	38.659	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	293638	42.483	ng	100
60) Diethylphthalate	15.52	149	1045996	38.016	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	514838	38.636	ng	97
62) 4-Nitroaniline	15.75	138	233130	35.762	ng	97
63) Azobenzene	16.03	77	1098887	38.460	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	158442	45.725	ng	93
66) n-Nitrosodiphenylamine	15.95	169	875931	39.134	ng	98
67) 4-Bromophenyl-phenylether	16.63	248	355855	38.288	ng	97
68) Hexachlorobenzene	16.75	284	371614	36.855	ng	97
69) Atrazine	16.90	200	363723	44.353	ng	96
70) Pentachlorophenol	17.09	266	467164	84.205	ng	99
71) Phenanthrene	17.48	178	1538095	38.715	ng	98
72) Anthracene	17.57	178	1558174	39.775	ng	100
73) Carbazole	17.84	167	1476818	39.246	ng	99
74) Di-n-butylphthalate	18.41	149	1767191	38.632	ng	99
75) Fluoranthene	19.49	202	1872792	39.591	ng	99
77) Benzidine	19.66	184	598766	28.581	ng	99
78) Pyrene	19.85	202	1874840	39.599	ng	99
80) Butylbenzylphthalate	20.75	149	819318	38.898	ng	99
81) Benzo(a)anthracene	21.69	228	1810890	38.970	ng	98
82) 3,3'-Dichlorobenzidine	21.60	252	597962	33.263	ng	100
83) Chrysene	21.76	228	1706756	38.451	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	1125095	38.704	ng	97
85) Di-n-octyl phthalate	22.85	149	1957793	40.247	ng	100
86) Indeno(1,2,3-cd)pyrene	28.60	276	2265430	38.929	ng	99
88) Benzo(b)fluoranthene	23.92	252	1990145	45.342	ng	99
89) Benzo(k)fluoranthene	23.99	252	1833622	44.145	ng	99
90) Benzo(a)pyrene	24.78	252	1768803	43.068	ng	99
91) Dibenzo(a,h)anthracene	28.67	278	1839413	45.397	ng	99
92) Benzo(g,h,i)perylene	29.74	276	1889829	46.165	ng	99

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

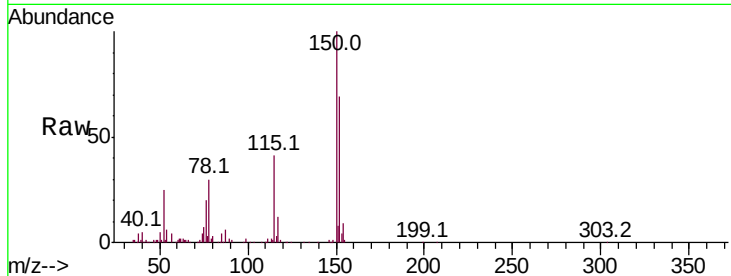


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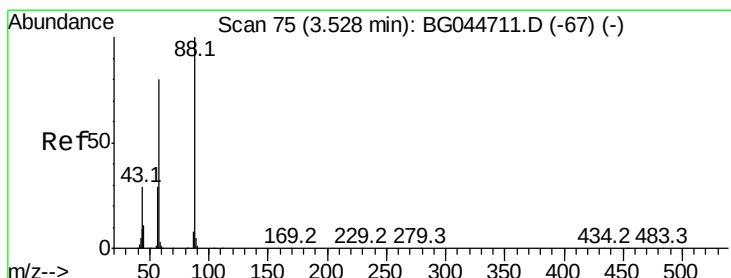
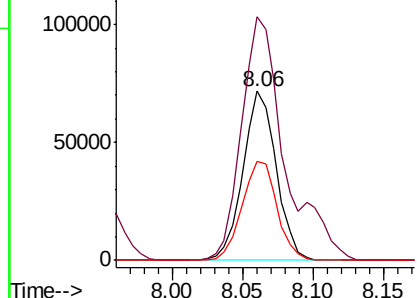
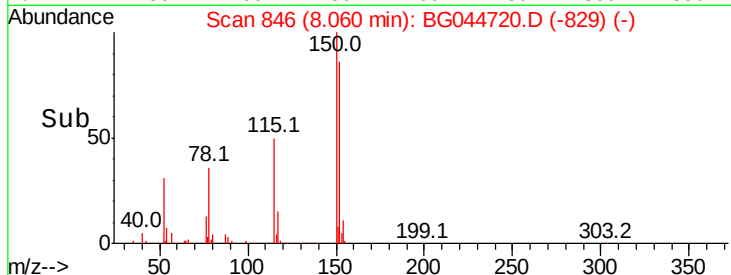
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.2	125.3	187.9
115	59.0	51.7	77.5



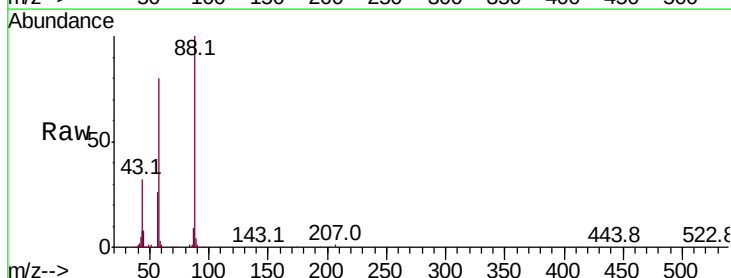
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



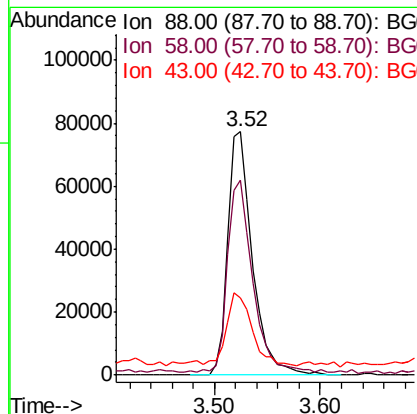
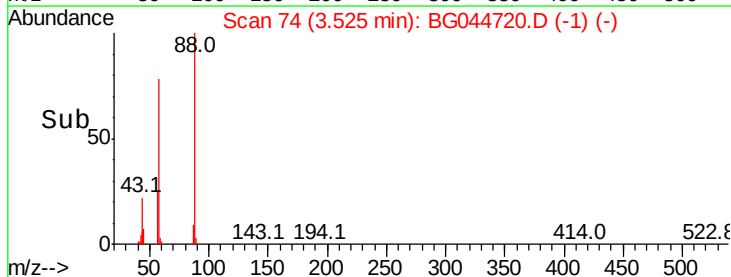
#2

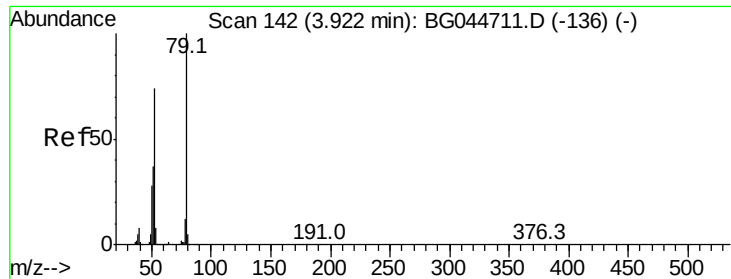
1,4-Dioxane
Concen: 33.847 ng
RT: 3.52 min Scan# 74
Delta R.T. -0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.5	63.0	94.4
43	30.8	23.2	34.8



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





#3

Pvridine

Concen: 28.198 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

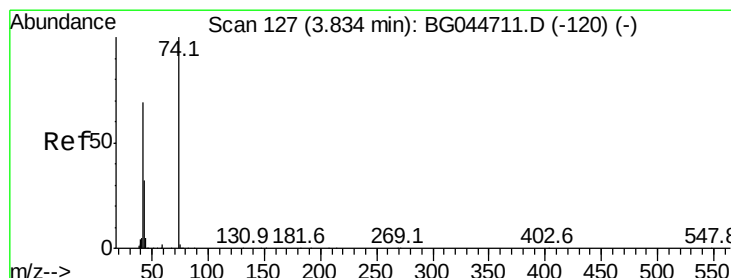
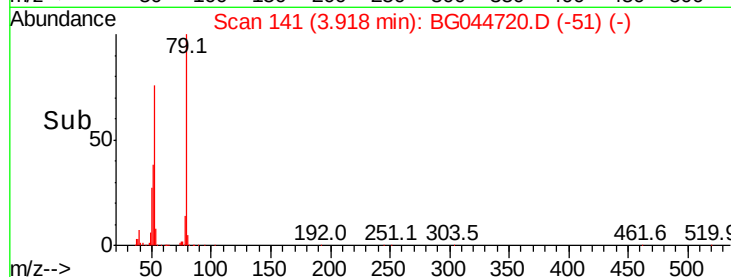
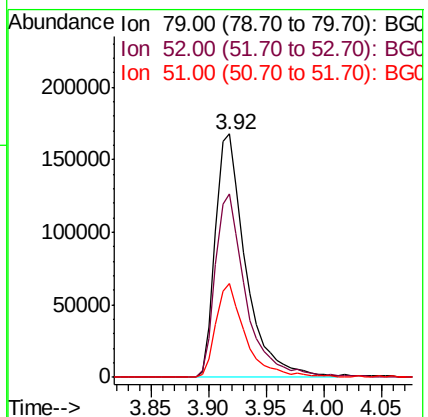
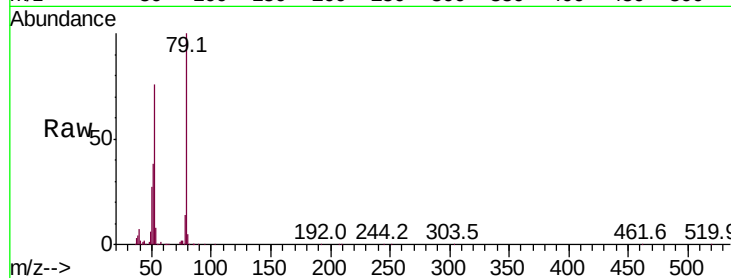
Tot Ion: 79 Resp: 306226

Ion Ratio Lower Upper

79 100

52 75.5 59.4 89.2

51 38.3 29.7 44.5



#4

n-Nitrosodimethylamine

Concen: 39.838 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

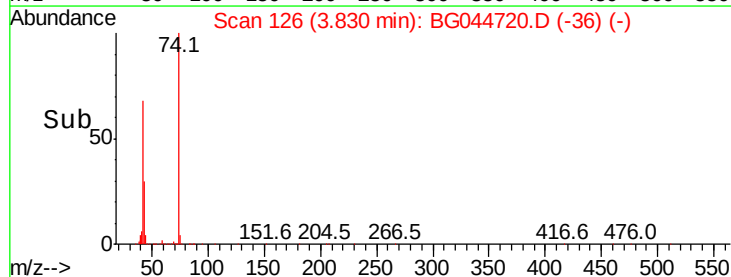
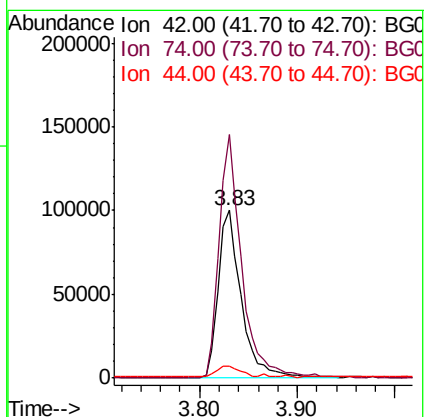
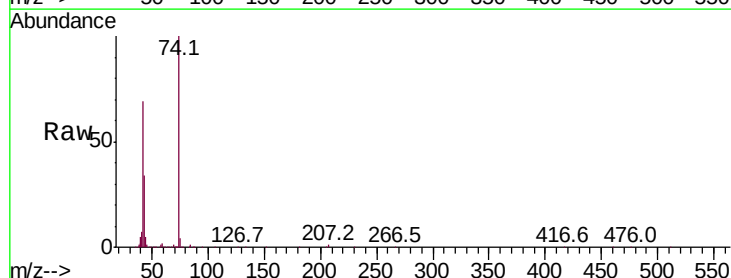
Tgt Ion: 42 Resp: 164151

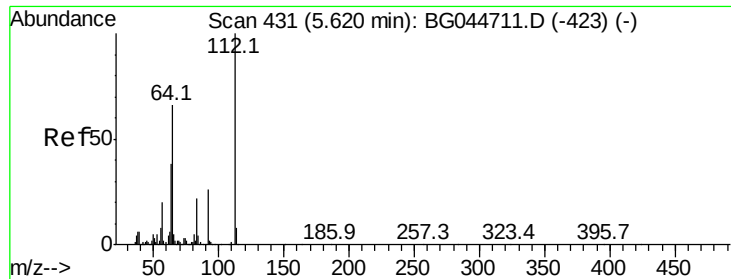
Ion Ratio Lower Upper

42 100

74 145.0 116.1 174.1

44 6.7 7.1 10.7#





#5

2-Fluorophenol

Concen: 123.313 ng

RT: 5.63 min Scan# 433

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

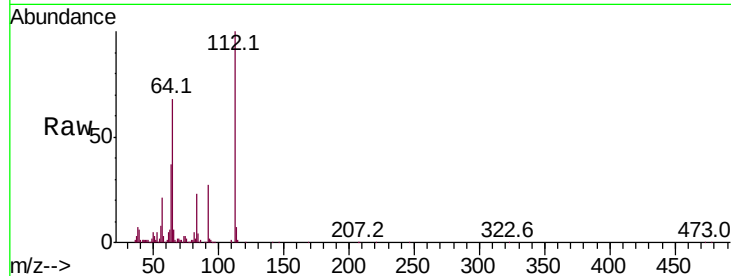
Tot Ion:112 Resp: 939401

Ion Ratio Lower Upper

112 100

64 68.0 52.6 78.8

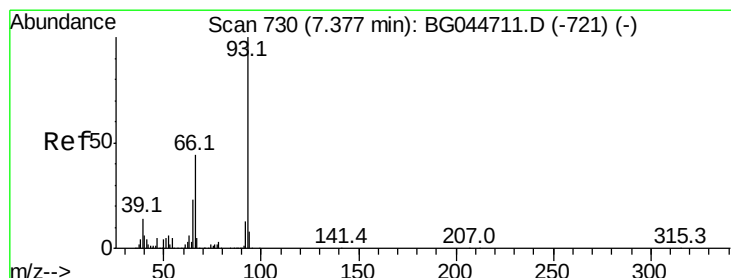
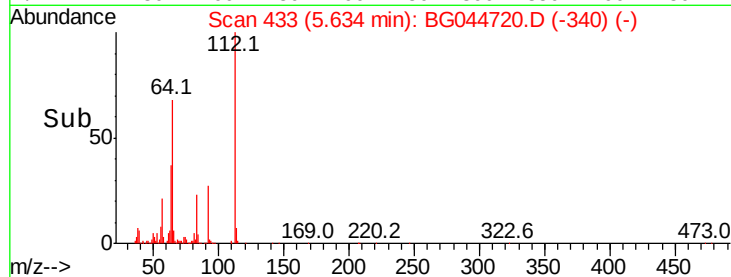
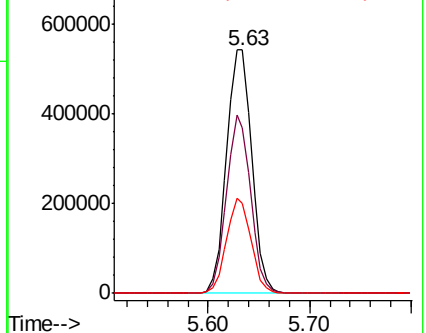
63 36.8 30.2 45.4



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: 33.194 ng

RT: 7.38 min Scan# 731

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

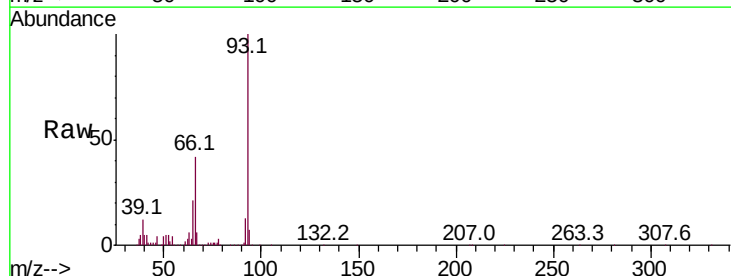
Tgt Ion: 93 Resp: 457170

Ion Ratio Lower Upper

93 100

66 41.5 35.3 52.9

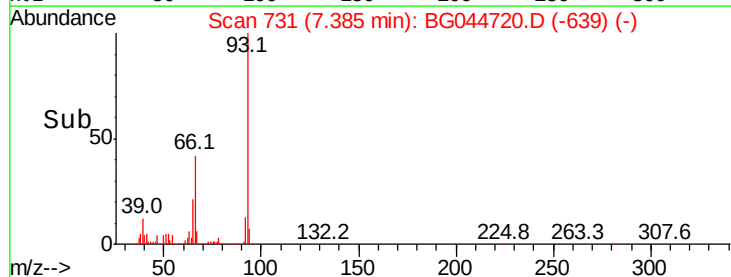
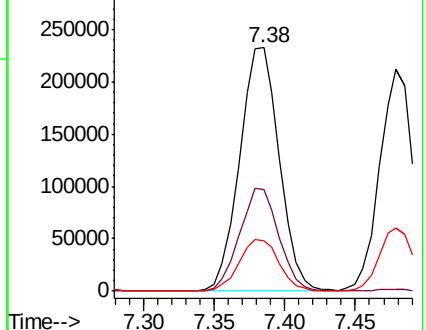
65 20.8 18.2 27.4

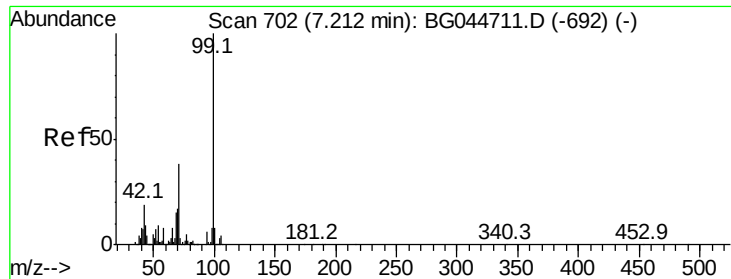


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.290 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

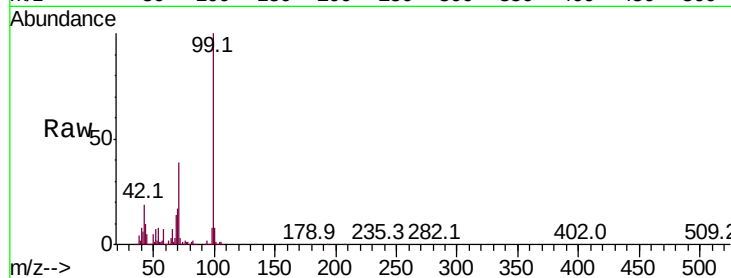
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1320356

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.4	23.0
71	38.7	30.2	45.4

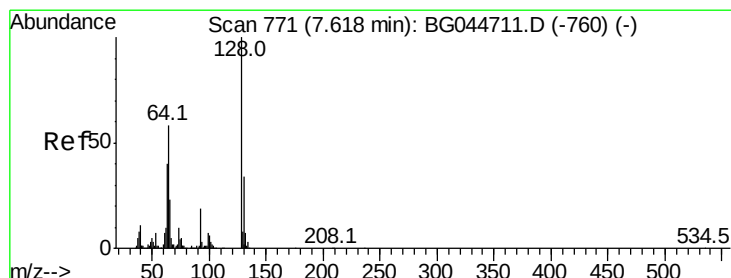
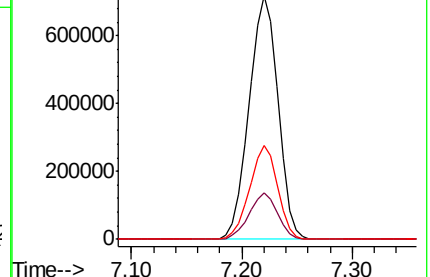
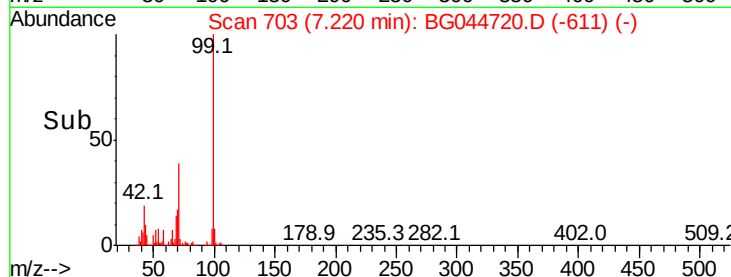


Abundance

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: 45.943 ng

RT: 7.63 min Scan# 772

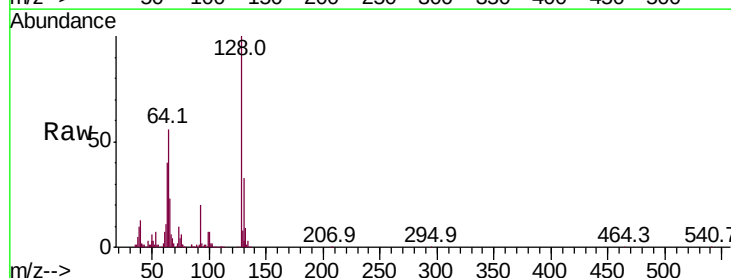
Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion: 128 Resp: 349381

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.6	53.6
64	56.4	38.6	78.6

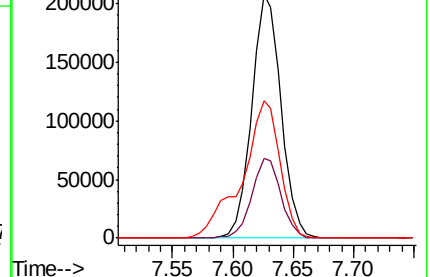
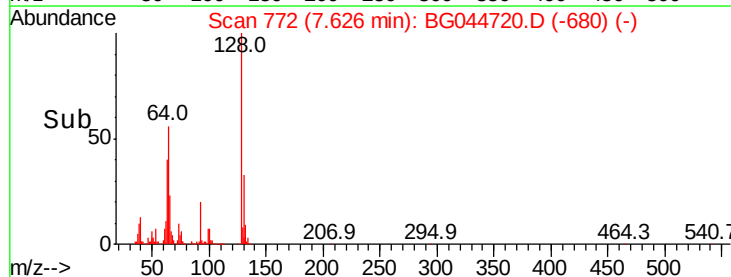


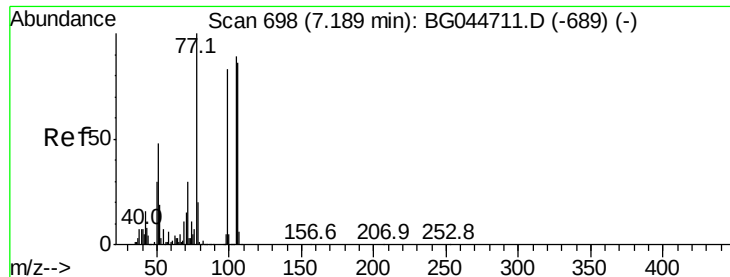
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 20.075 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

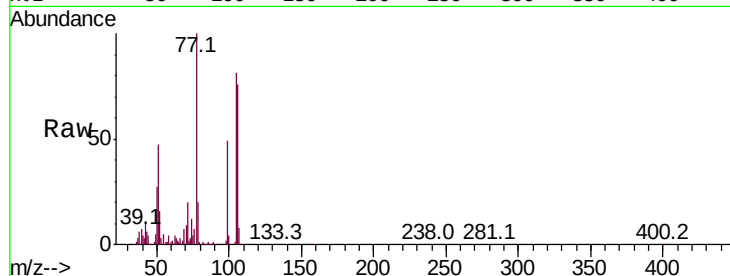
Tot Ion: 77 Resp: 158556

Ion Ratio Lower Upper

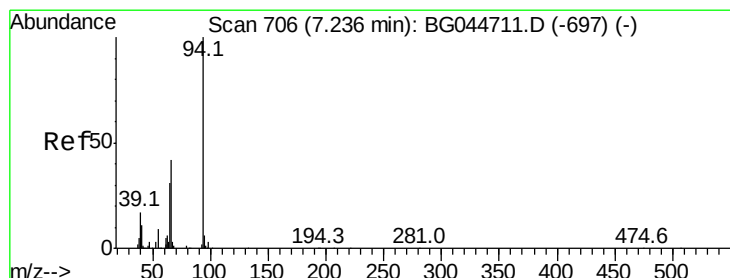
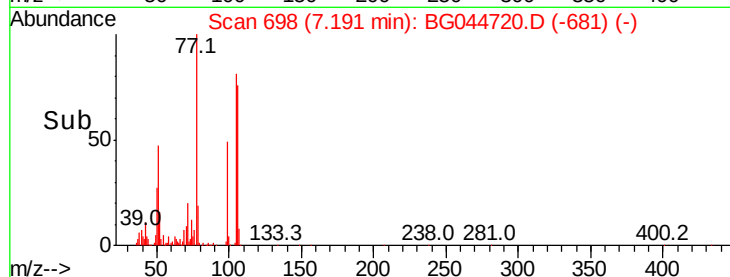
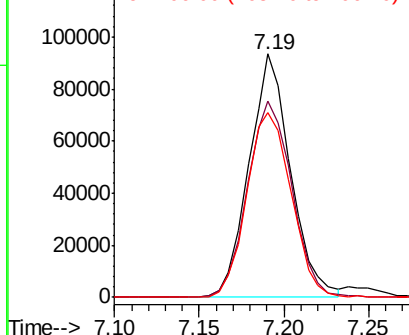
77 100

105 80.8 68.6 108.6

106 75.9 65.9 105.9



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



#10

Phenol

Concen: 45.747 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

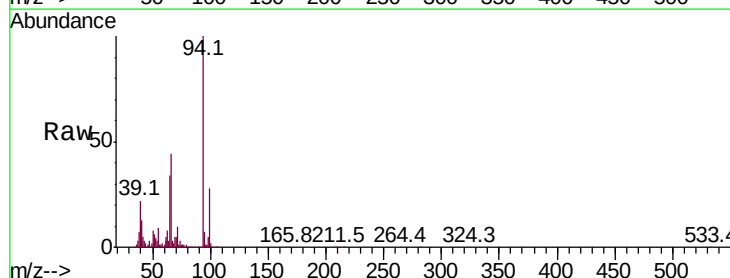
Tgt Ion: 94 Resp: 501300

Ion Ratio Lower Upper

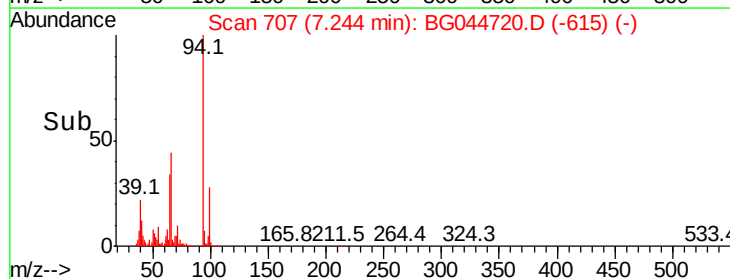
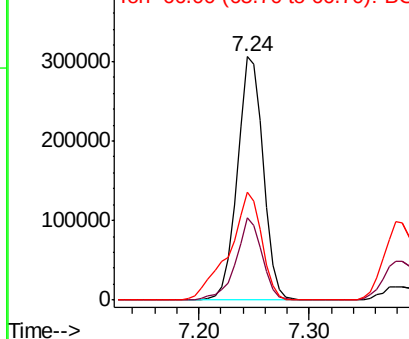
94 100

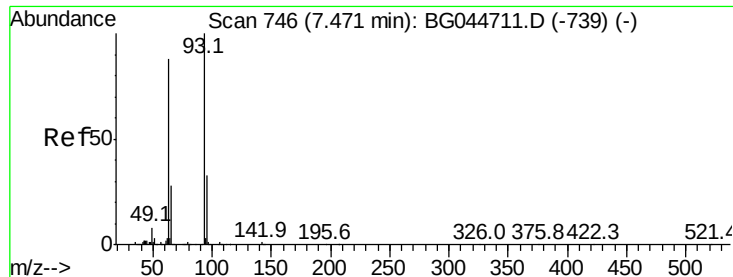
65 33.6 11.3 51.3

66 44.2 22.9 62.9



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





#11

bis(2-Chloroethyl)ether

Concen: 40.526 ng

RT: 7.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

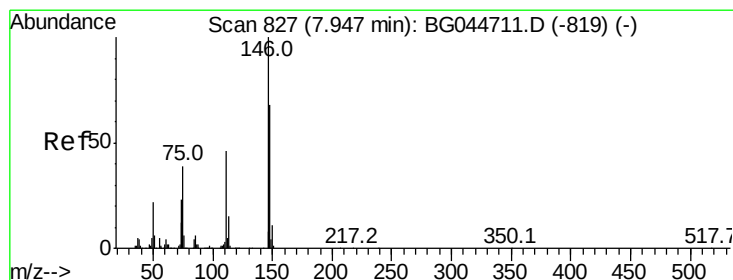
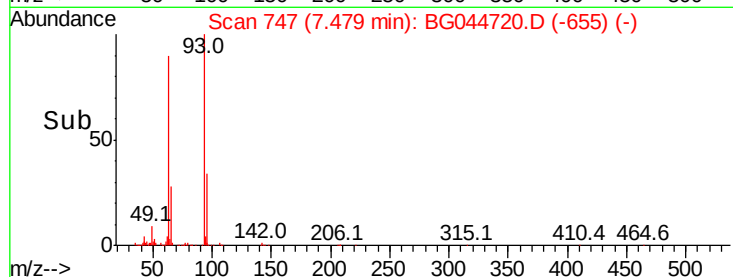
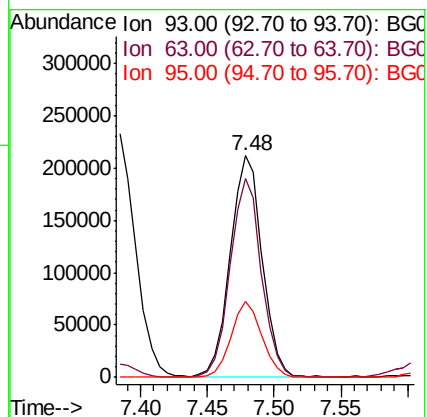
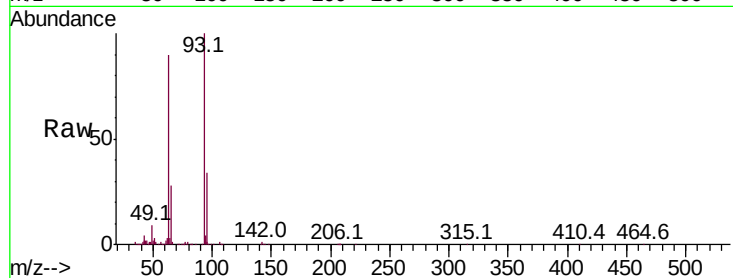
Tot Ion: 93 Resp: 354421

Ion Ratio Lower Upper

93 100

63 90.0 68.1 108.1

95 34.0 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 37.499 ng

RT: 7.95 min Scan# 828

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

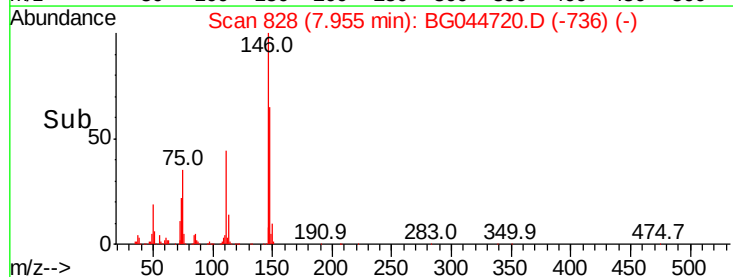
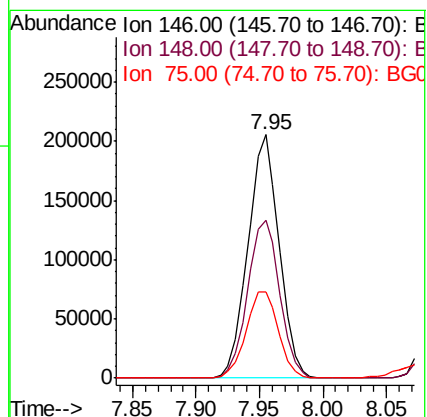
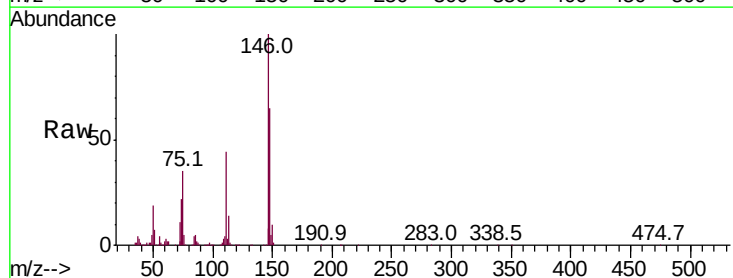
Tgt Ion: 146 Resp: 351287

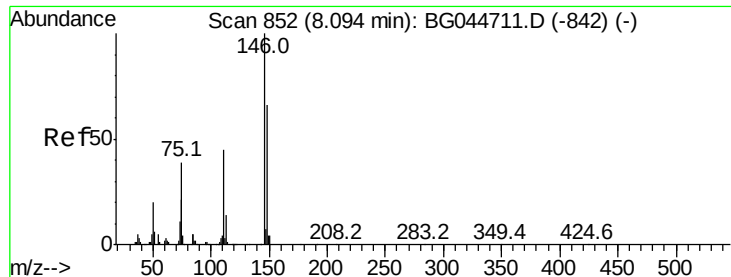
Ion Ratio Lower Upper

146 100

148 64.6 54.2 81.2

75 35.3 31.3 46.9

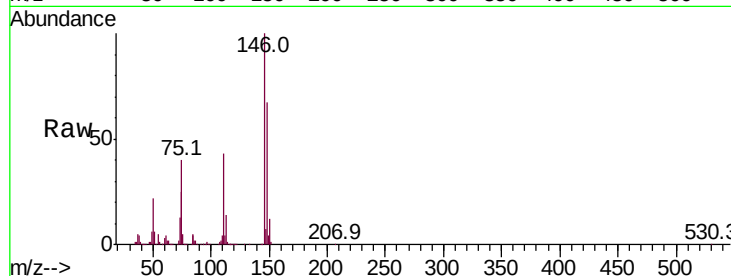




#13
 1,4-Dichlorobenzene
 Concen: 38.147 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG044720.D
 Acq: 11 Mar 2020 14:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.8	52.9	79.3
111	43.1	35.6	53.4

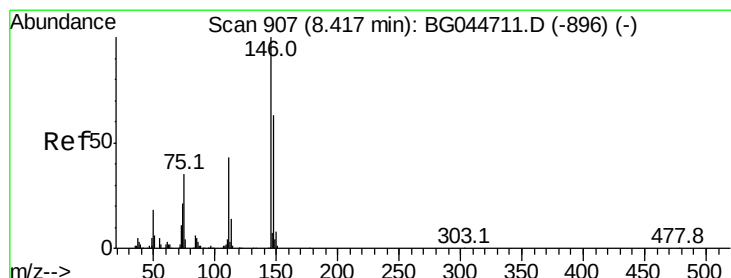
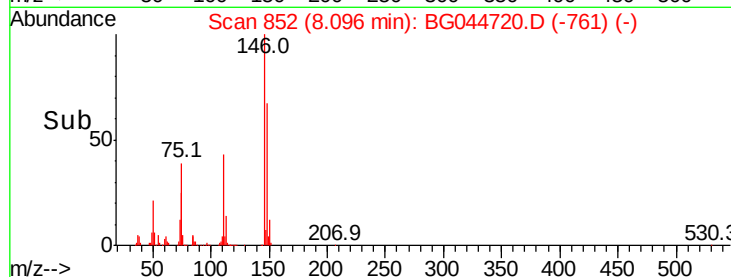
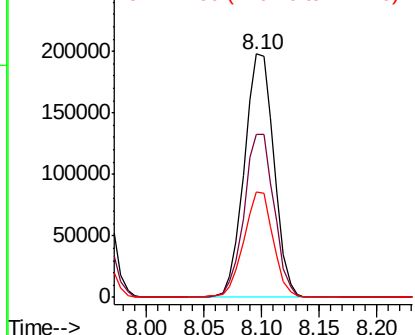


Abundance

Ion 146.00 (145.70 to 146.70): E

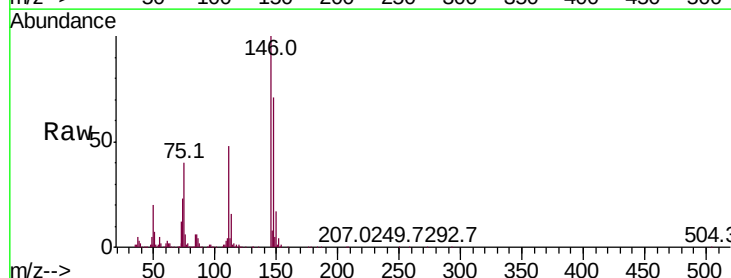
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.245 ng
 RT: 8.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BG044720.D
 Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.5	50.8	76.2
111	48.3	34.8	52.2

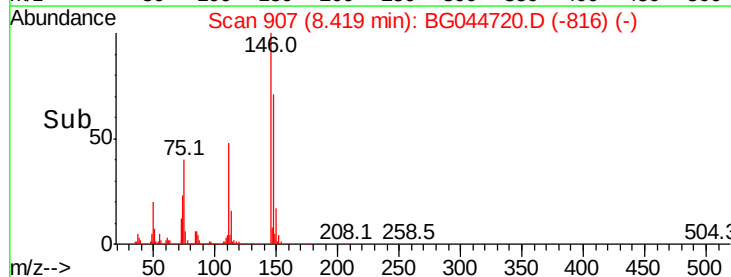
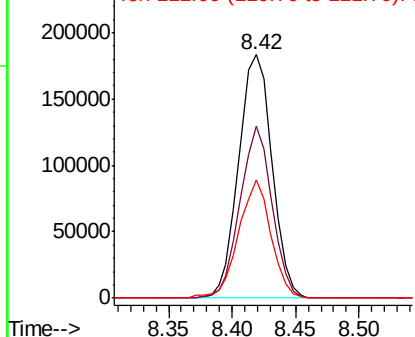


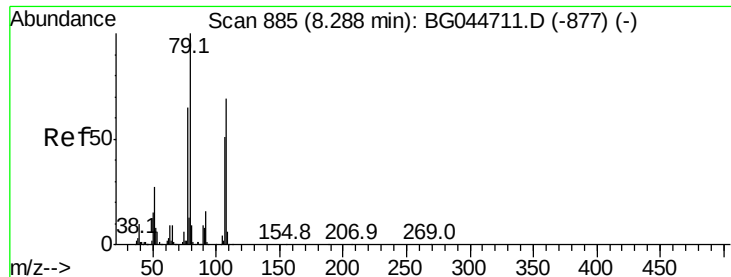
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.978 ng

RT: 8.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampled :

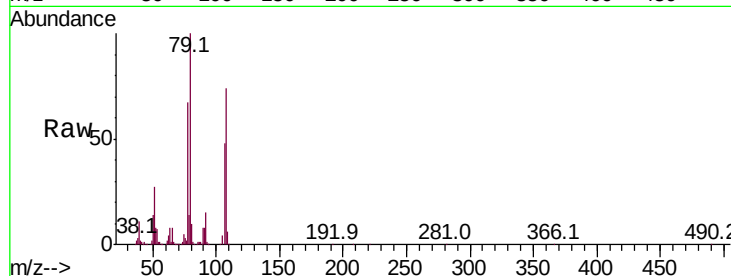
Tot Ion: 79 Resp: 381678

Ion Ratio Lower Upper

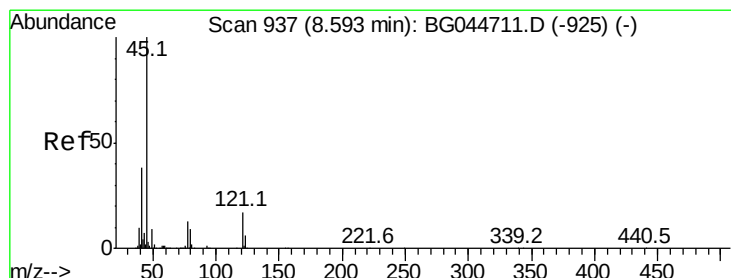
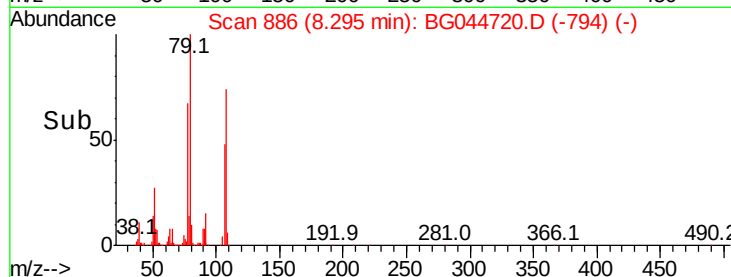
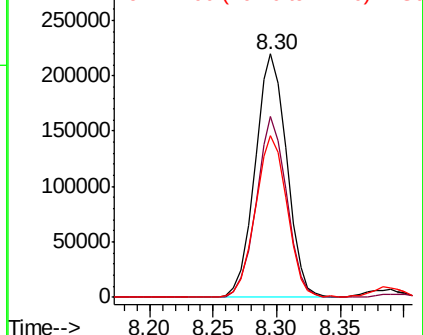
79 100

108 74.5 55.4 83.0

77 66.6 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: 37.739 ng

RT: 8.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

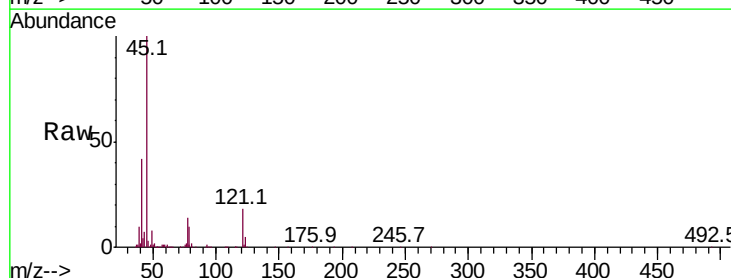
Tgt Ion: 45 Resp: 582445

Ion Ratio Lower Upper

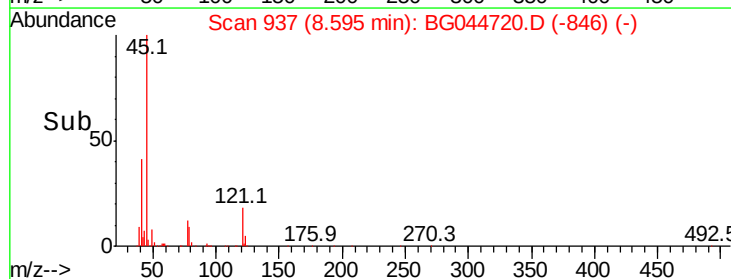
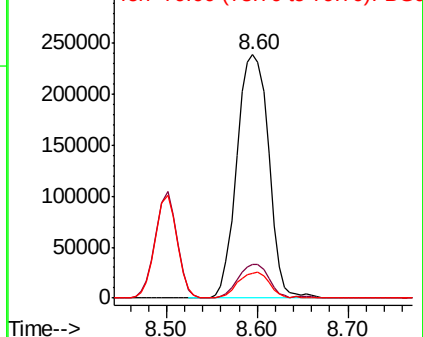
45 100

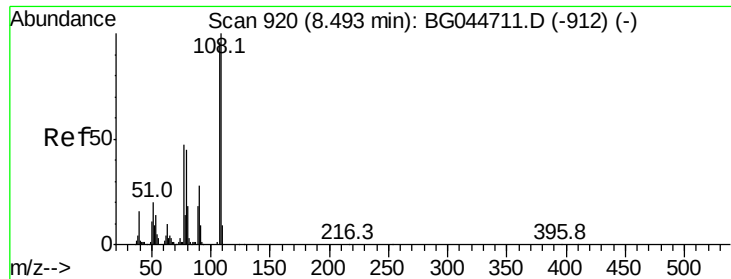
77 13.8 0.0 33.4

79 10.2 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: 44.958 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 333714

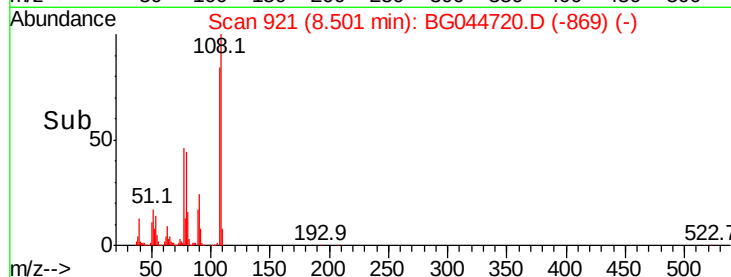
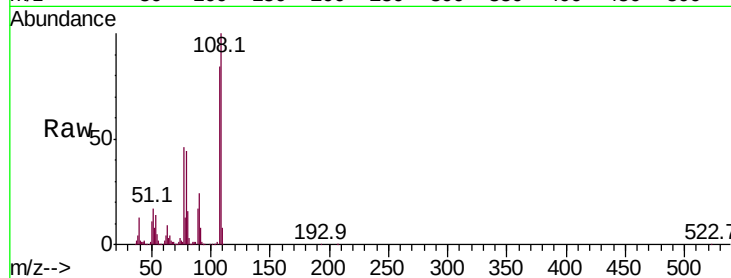
Ion Ratio Lower Upper

107 100

108 118.5 83.2 124.8

77 54.3 39.0 58.6

79 52.5 37.6 56.4

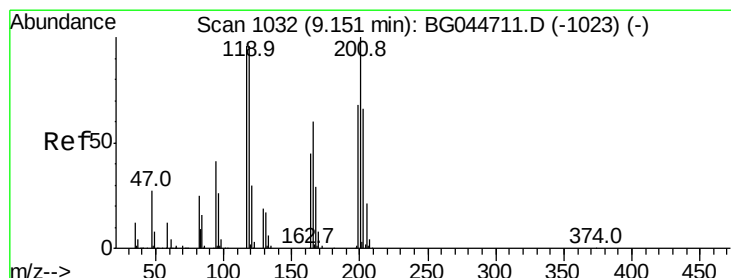
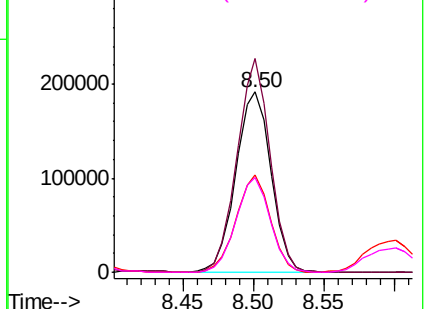


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.252 ng

RT: 9.15 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

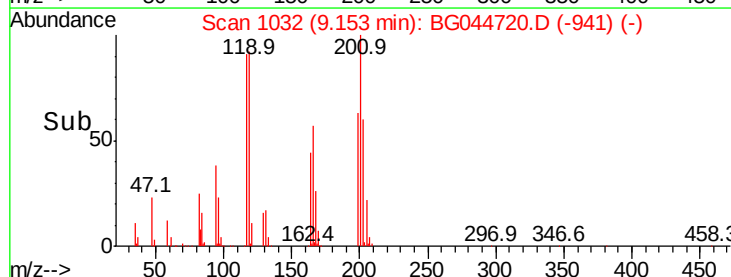
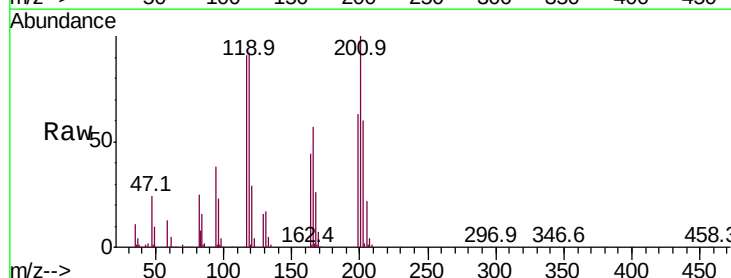
Tgt Ion:117 Resp: 139476

Ion Ratio Lower Upper

117 100

119 101.1 80.2 120.4

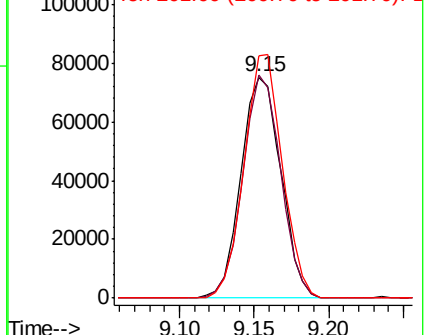
201 109.6 83.4 125.2

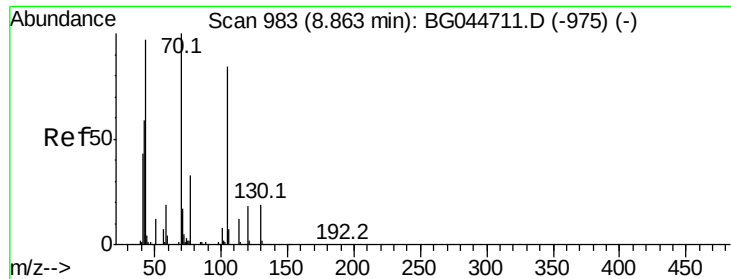


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

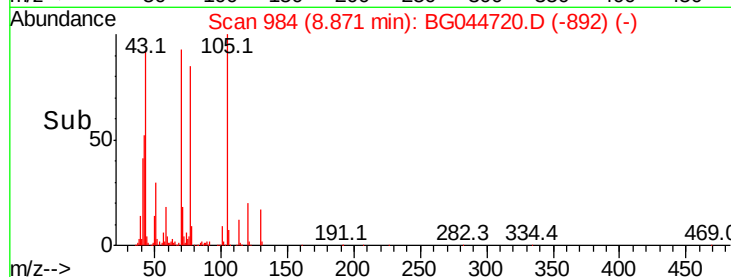
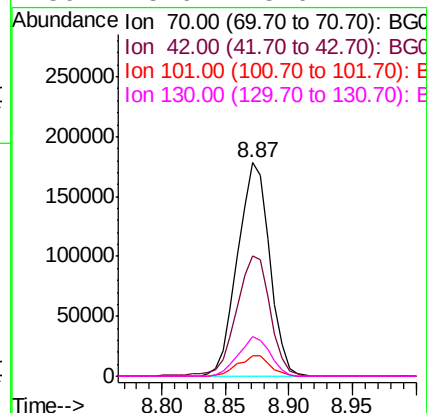
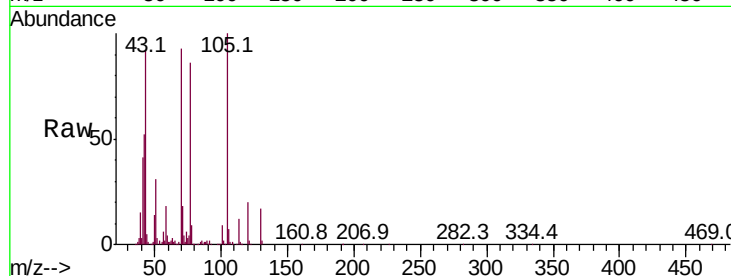




#19
n-Nitroso-di-n-propylamine
Concen: 39.989 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

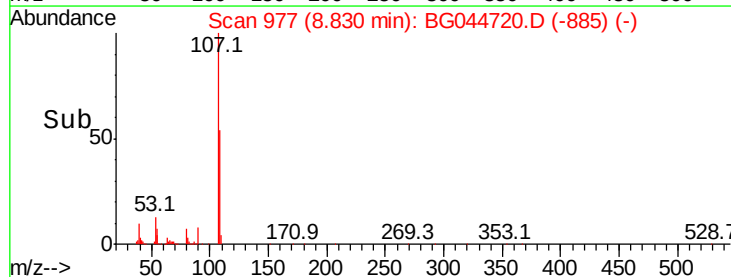
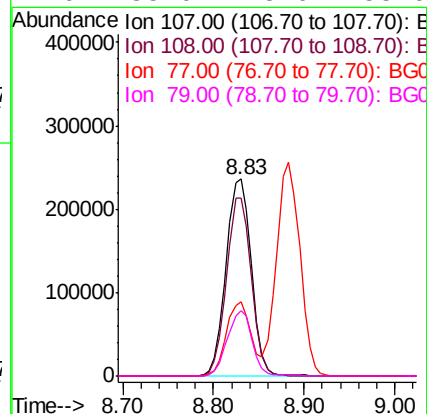
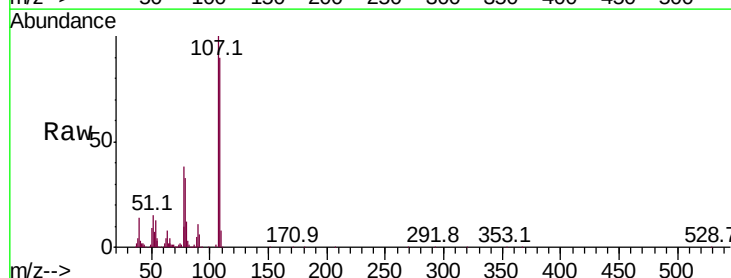
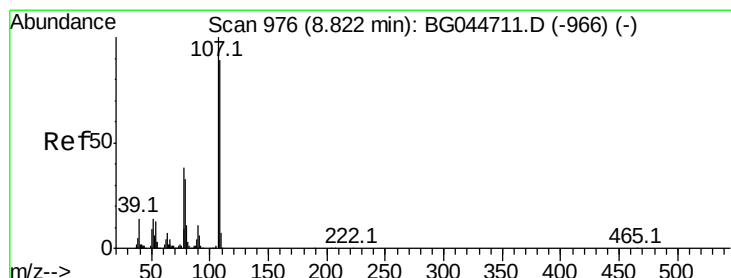
Instrument :
BNA_G
ClientSampleId :

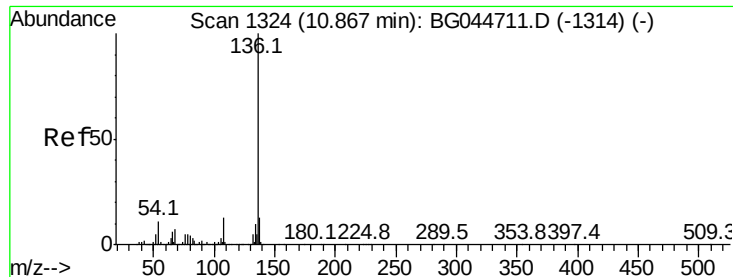
Tot Ion: 70 Resp: 312537
Ion Ratio Lower Upper
70 100
42 56.2 47.6 71.4
101 9.4 6.5 9.7
130 18.6 15.0 22.4



#20
3+4-Methylphenols
Concen: 44.732 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion:107 Resp: 457709
Ion Ratio Lower Upper
107 100
108 90.3 69.1 109.1
77 37.7 17.7 57.7
79 33.0 13.0 53.0

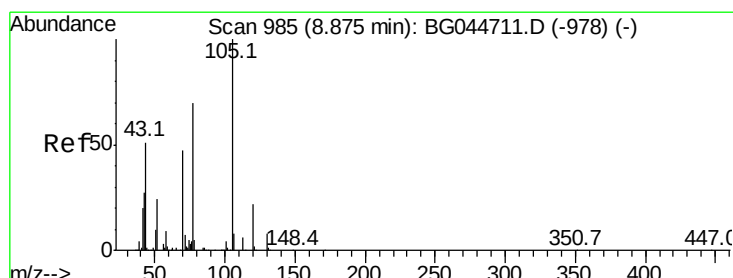
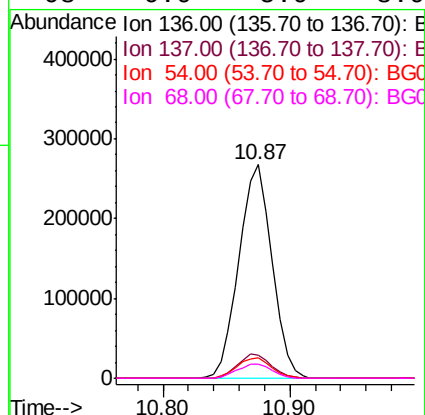
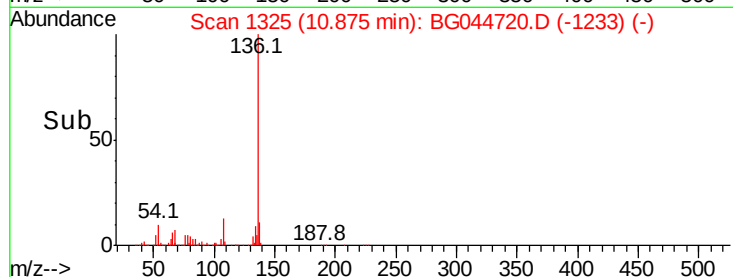
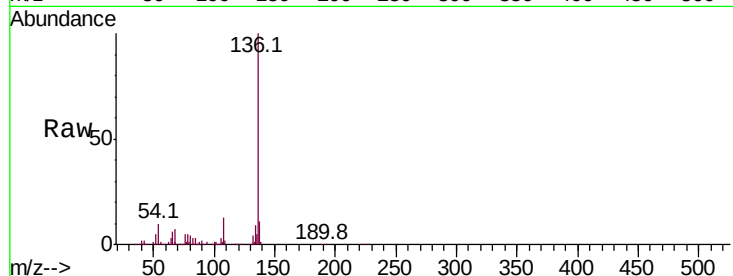




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

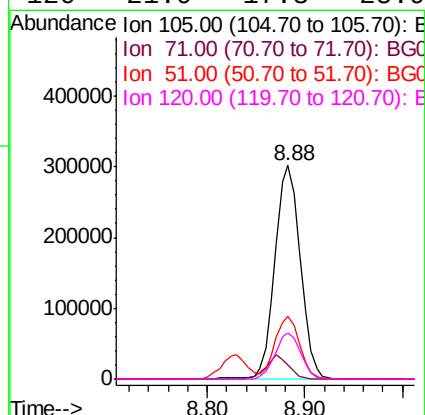
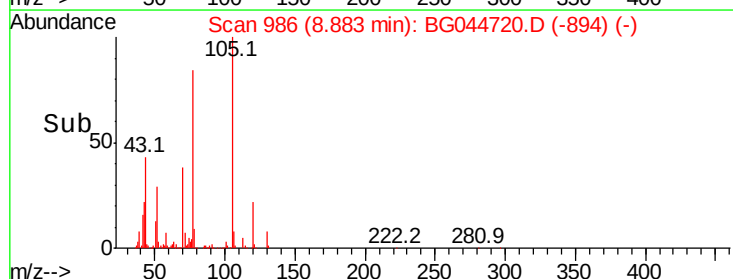
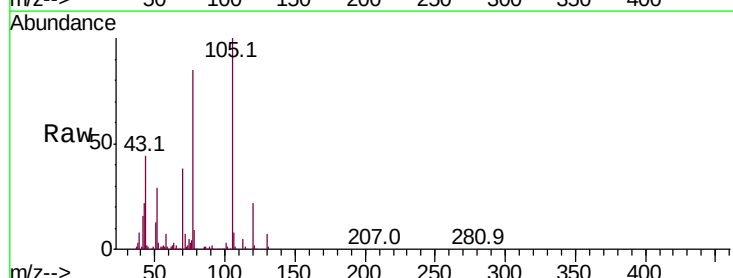
Instrument :
BNA_G
ClientSampleId :

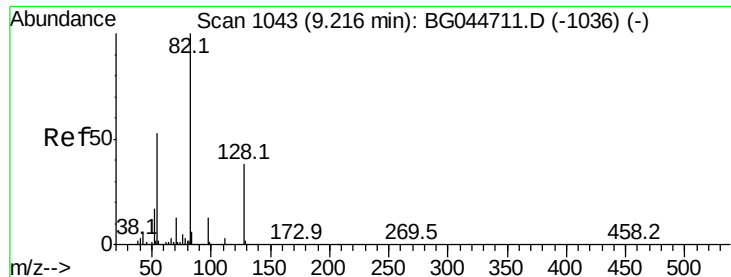
Tot Ion:	136	Resp:	483810
Ion	Ratio	Lower	Upper
136	100		
137	10.6	10.7	16.1#
54	9.7	9.0	13.4
68	6.9	5.9	8.9



#22
Acetophenone
Concen: 40.033 ng
RT: 8.88 min Scan# 986
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion:	105	Resp:	548710
Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.8	8.8
51	29.5	23.8	35.8
120	21.9	17.3	25.9





#23

Nitrobenzene-d5

Concen: 66.380 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

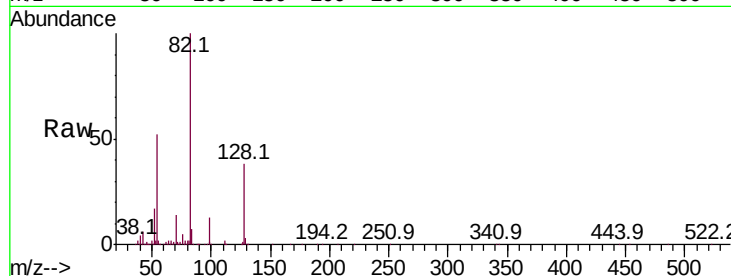
Tot Ion: 82 Resp: 731862

Ion Ratio Lower Upper

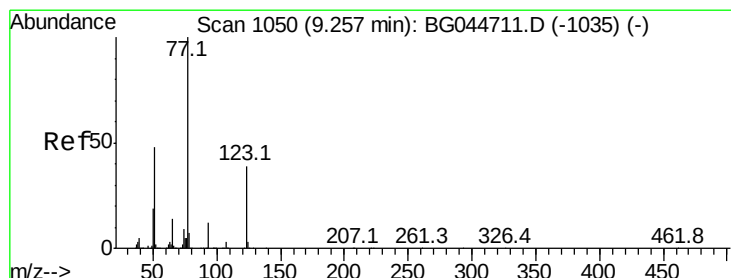
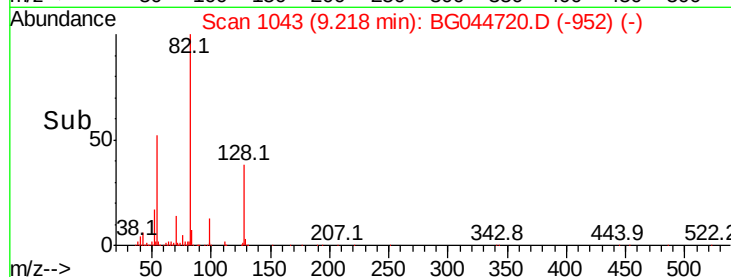
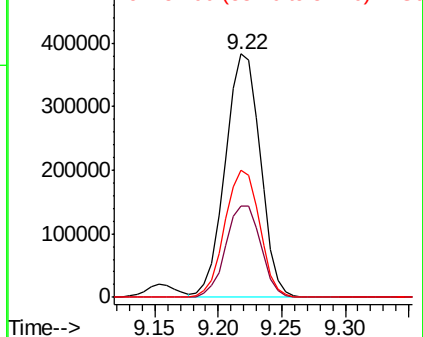
82 100

128 37.5 30.2 45.2

54 52.0 41.8 62.8



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



#24

Nitrobenzene

Concen: 40.349 ng

RT: 9.26 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

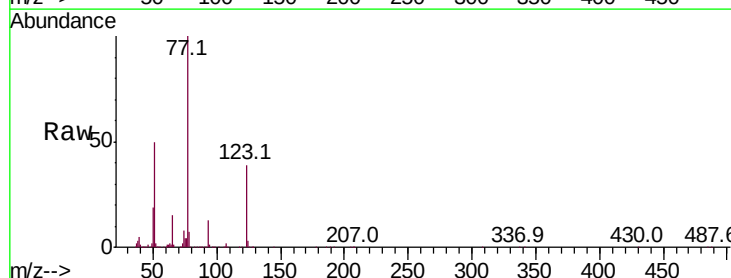
Tgt Ion: 77 Resp: 461600

Ion Ratio Lower Upper

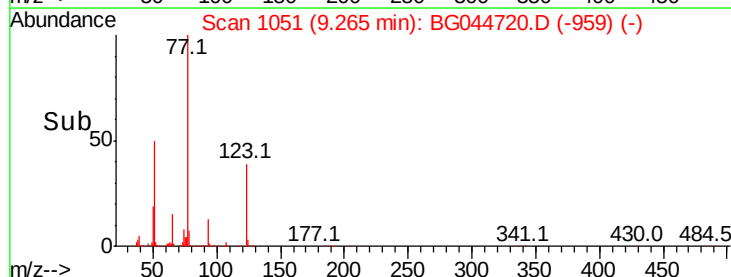
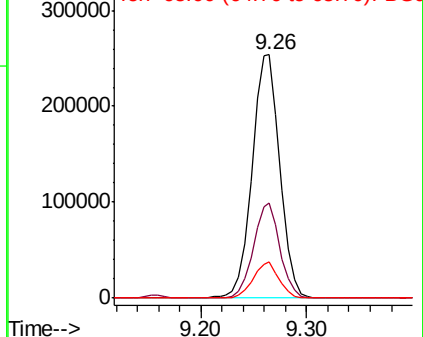
77 100

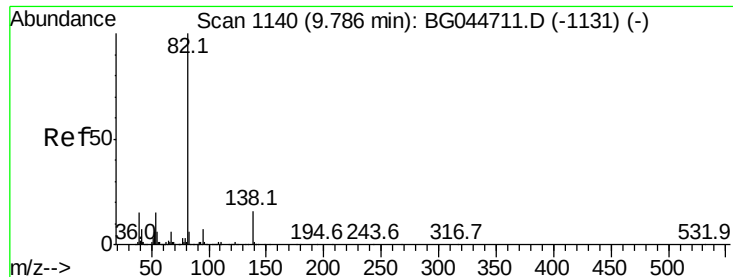
123 39.2 31.5 47.3

65 14.9 11.0 16.4



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





#25

Isophorone

Concen: 39.682 ng

RT: 9.79 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

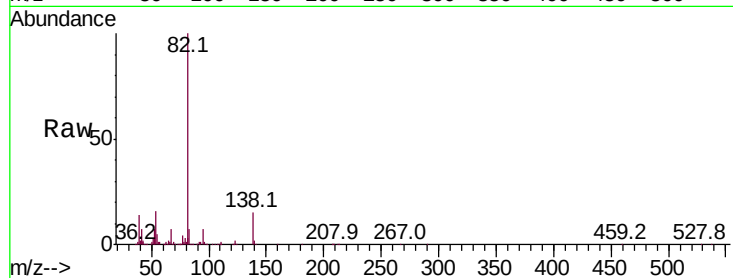
Tot Ion: 82 Resp: 853891

Ion Ratio Lower Upper

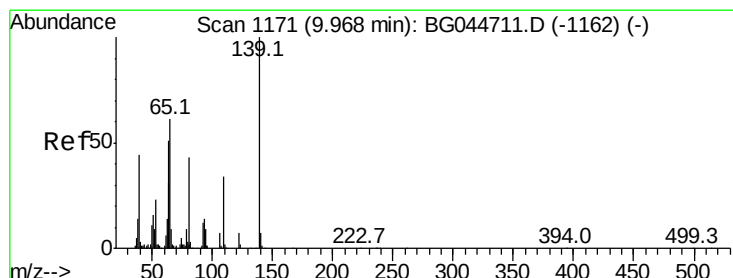
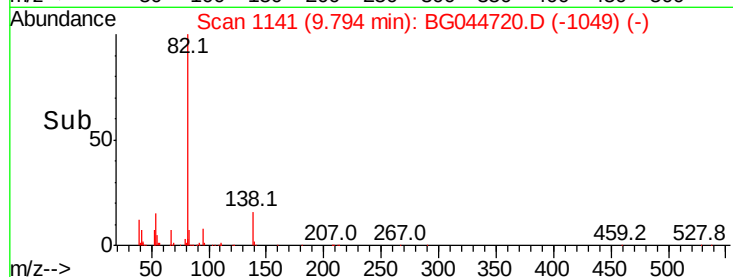
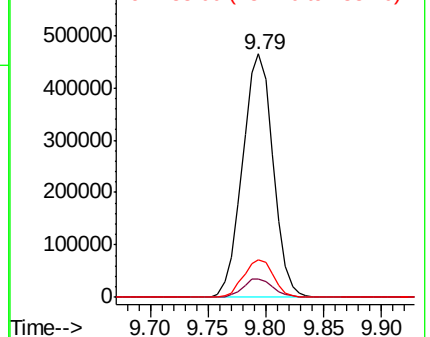
82 100

95 7.4 5.6 8.4

138 15.3 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: 44.259 ng

RT: 9.98 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

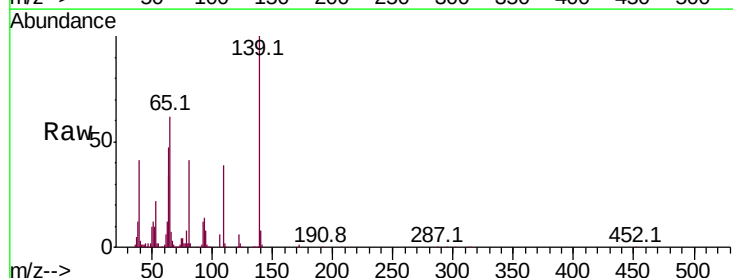
Tgt Ion: 139 Resp: 173851

Ion Ratio Lower Upper

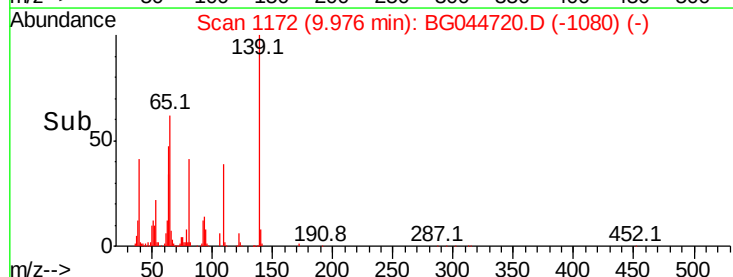
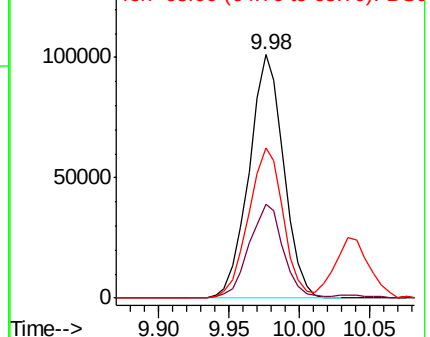
139 100

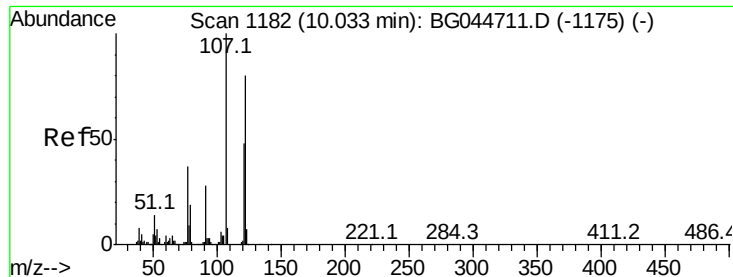
109 38.6 27.0 40.4

65 61.6 48.6 73.0



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

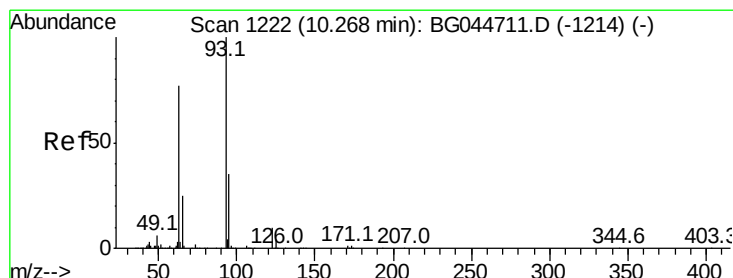
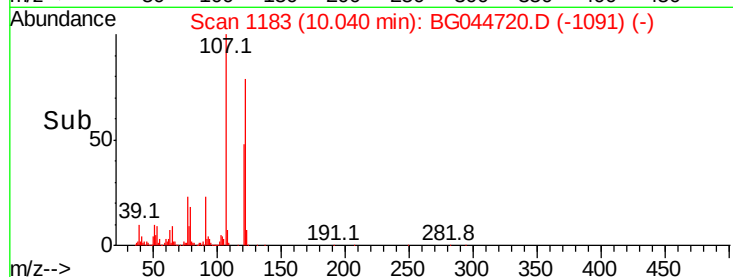
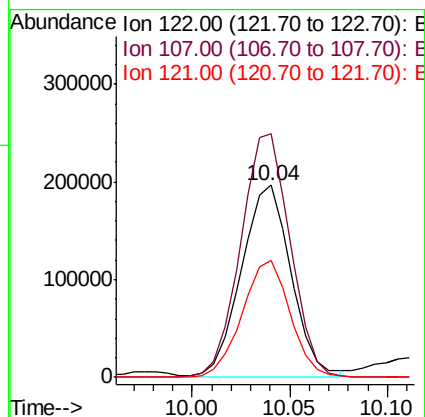
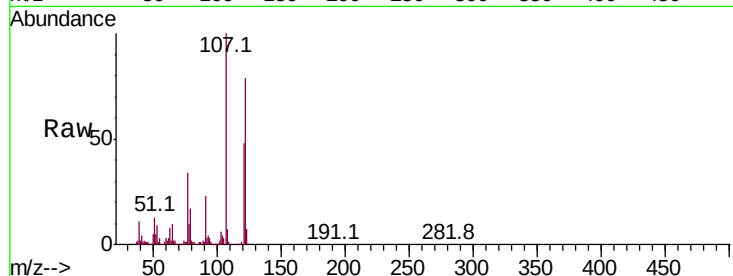




#27
2,4-Dimethylphenol
Concen: 49.295 ng
RT: 10.04 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

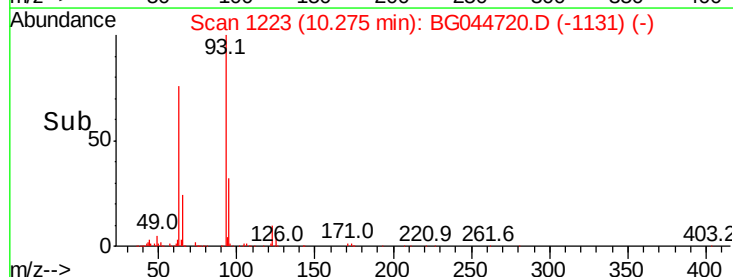
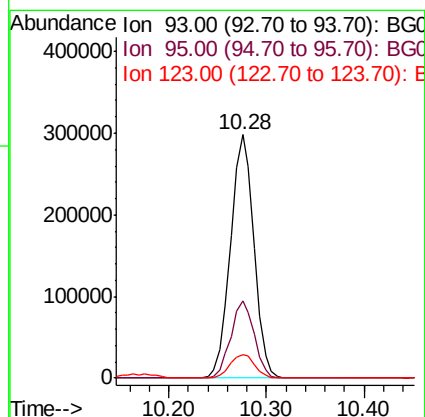
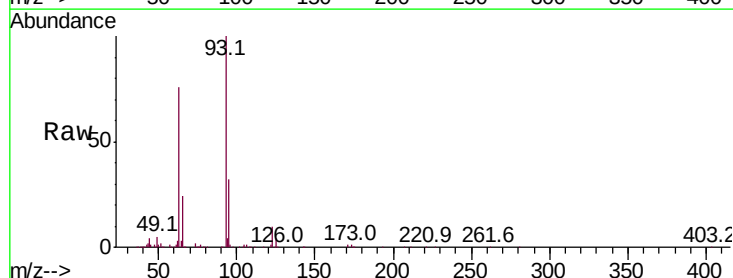
Instrument :
BNA_G
ClientSampleId :

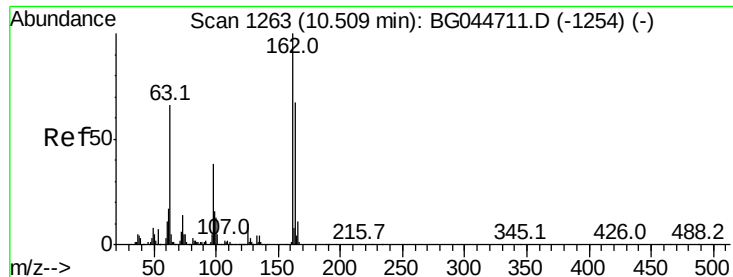
Tot Ion:122 Resp: 345436
Ion Ratio Lower Upper
122 100
107 126.7 99.0 148.6
121 60.6 47.6 71.4



#28
bis(2-Chloroethoxy)methane
Concen: 38.552 ng
RT: 10.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion: 93 Resp: 495070
Ion Ratio Lower Upper
93 100
95 31.7 27.7 41.5
123 9.7 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 43.242 ng

RT: 10.52 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampled :

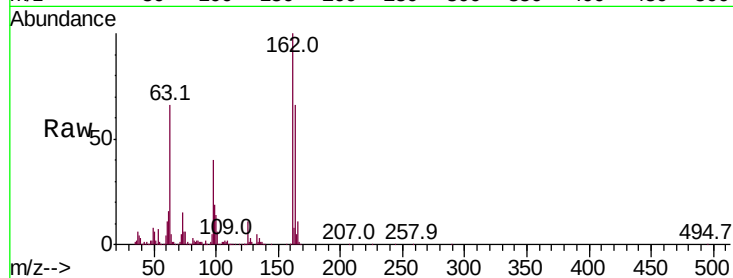
Tot Ion:162 Resp: 353928

Ion Ratio Lower Upper

162 100

164 65.7 46.5 86.5

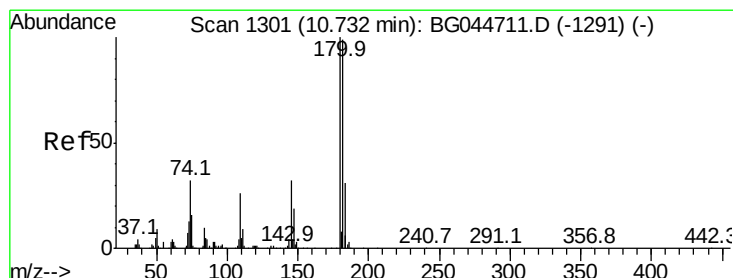
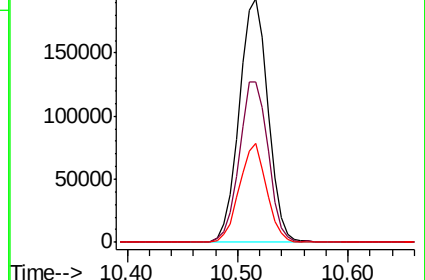
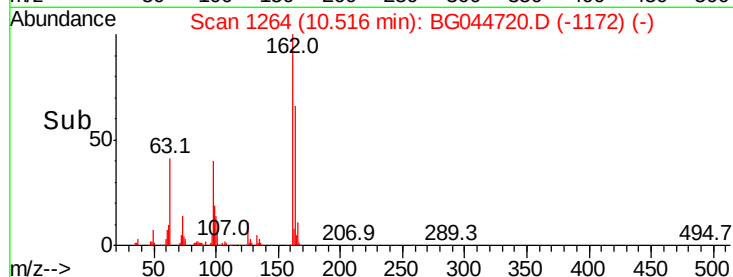
98 40.4 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 38.628 ng

RT: 10.73 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

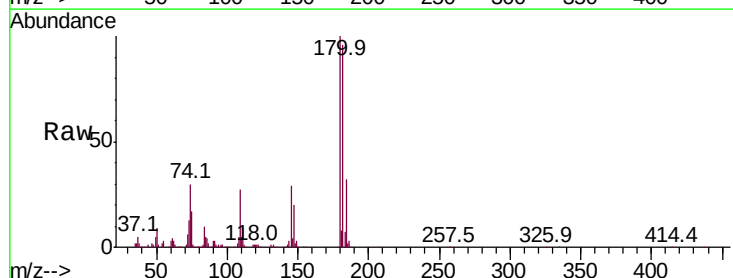
Tgt Ion:180 Resp: 378041

Ion Ratio Lower Upper

180 100

182 95.8 78.8 118.2

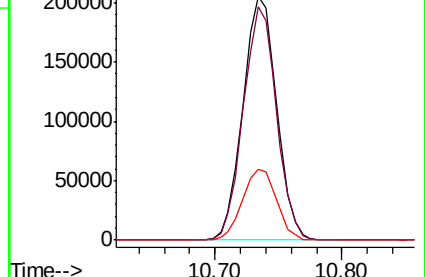
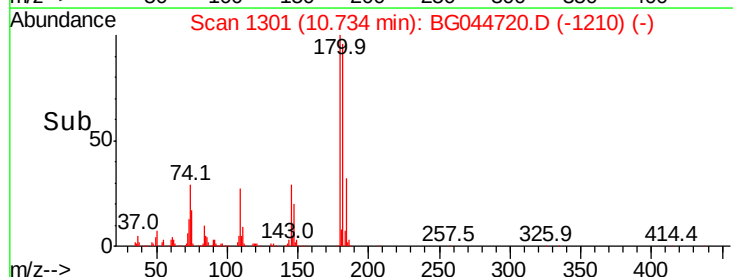
145 29.3 25.4 38.0

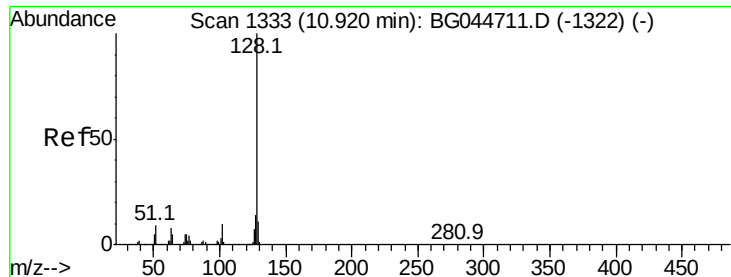


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

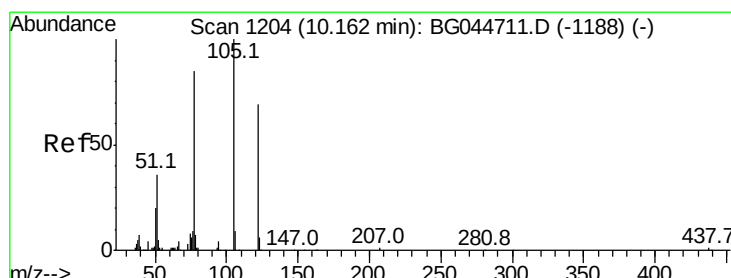
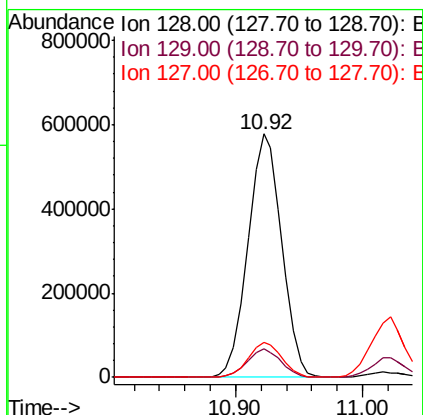
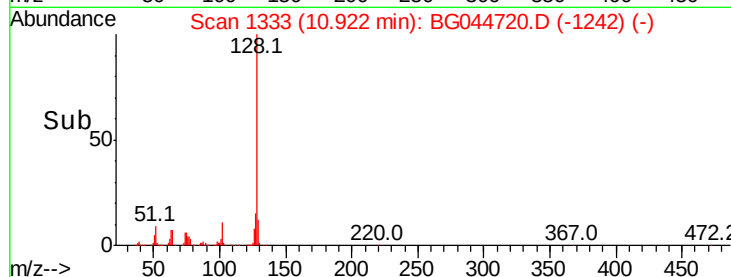
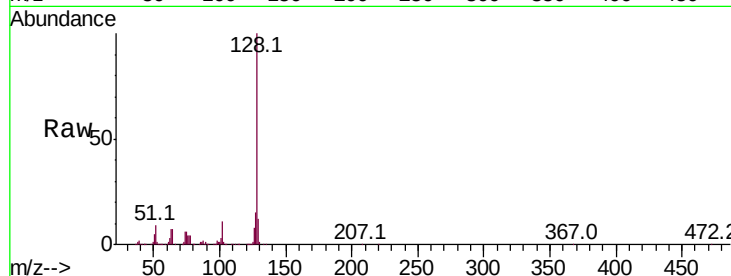




#31
Naphthalene
Concen: 39.774 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

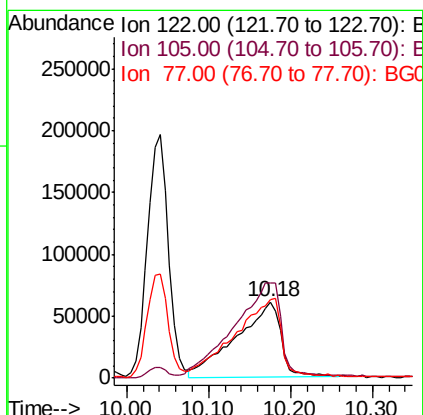
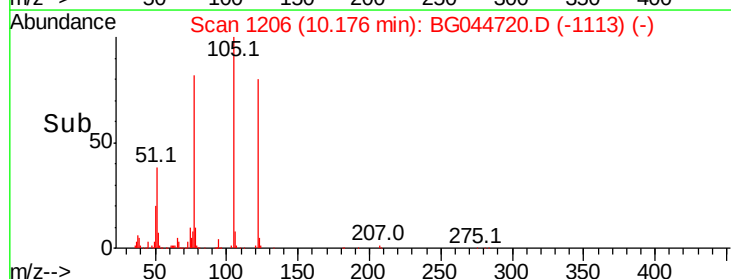
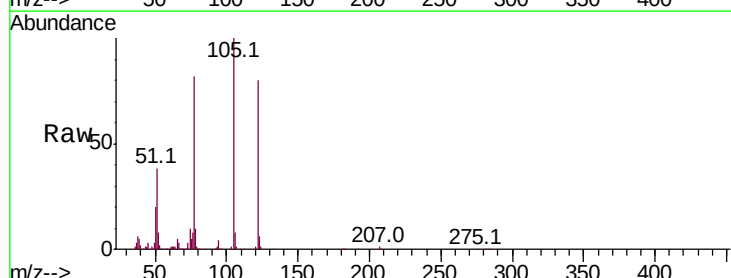
Instrument :
BNA_G
ClientSampleId :

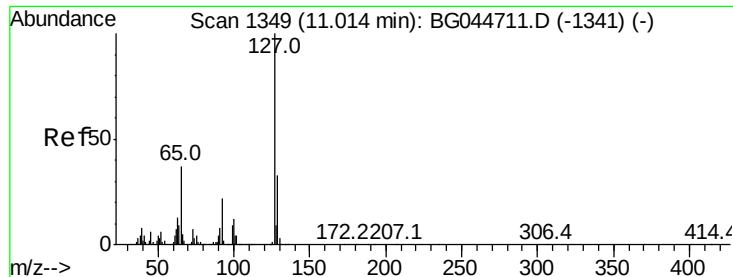
Tot Ion:128 Resp: 1065966
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 14.5 11.0 16.6



#32
Benzoic acid
Concen: 42.884 ng
RT: 10.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion:122 Resp: 227057
Ion Ratio Lower Upper
122 100
105 125.1 119.0 159.0
77 102.6 96.4 136.4

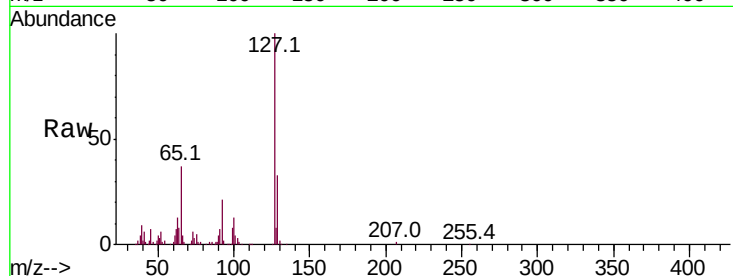




#33
4-Chloroaniline
Concen: 21.601 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	260819
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	37.4	29.6	44.4
92	21.2	17.4	26.0



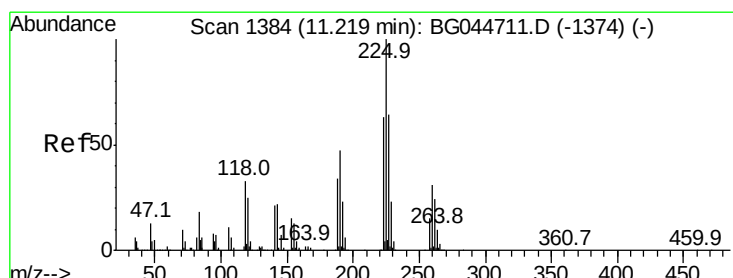
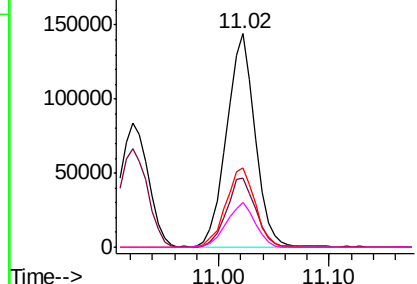
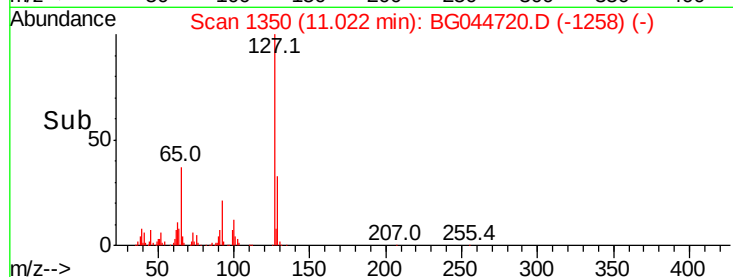
Abundance

Ion 129.00 (128.70 to 129.70): E

Ion 129.00 (128.70 to 129.70): E

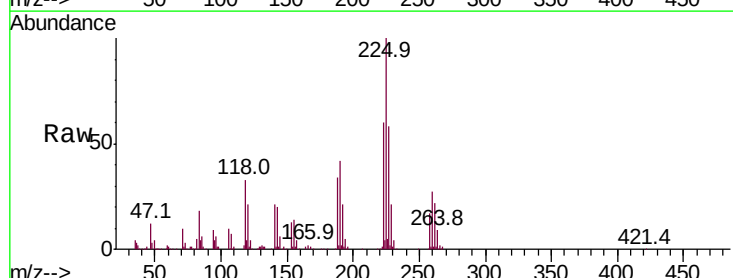
Ion 65.00 (64.70 to 65.70): BG0

Ion 92.00 (91.70 to 92.70): BG0



#34
Hexachlorobutadiene
Concen: 37.335 ng
RT: 11.22 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion:	225	Resp:	240289
Ion	Ratio	Lower	Upper
225	100		
223	59.9	50.6	76.0
227	58.4	51.6	77.4

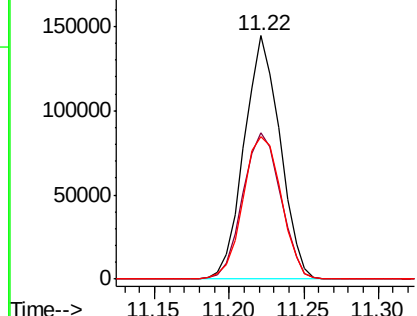
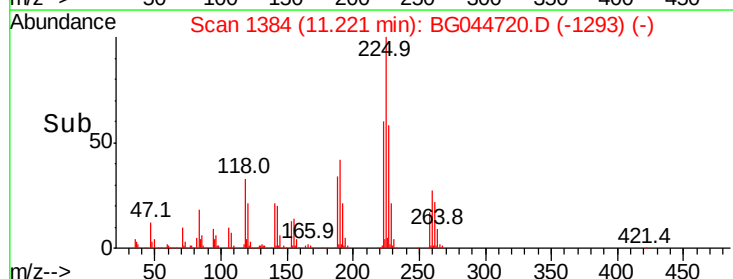


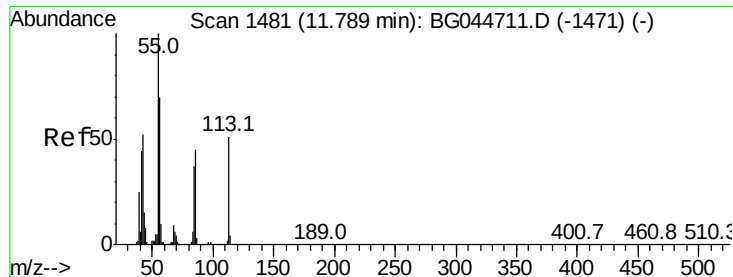
Abundance

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

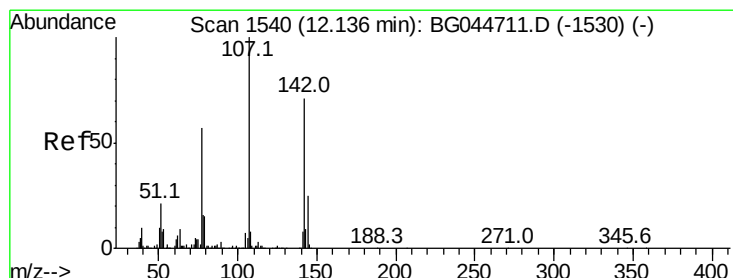
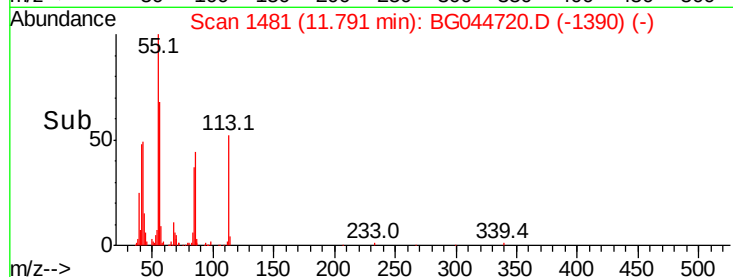
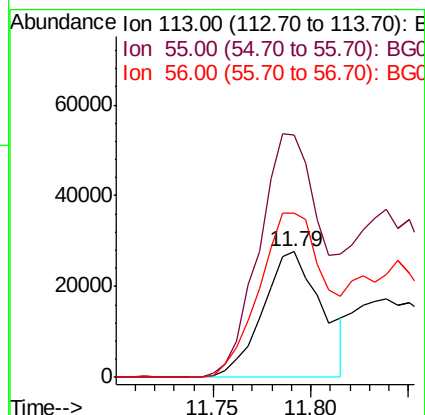
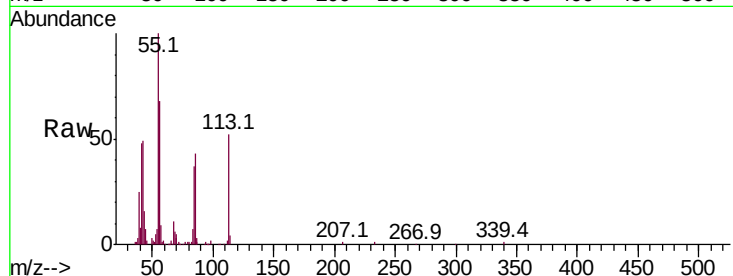




#35
 Caprolactam
 Concen: 18.759 ng
 RT: 11.79 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BG044720.D
 Acq: 11 Mar 2020 14:50

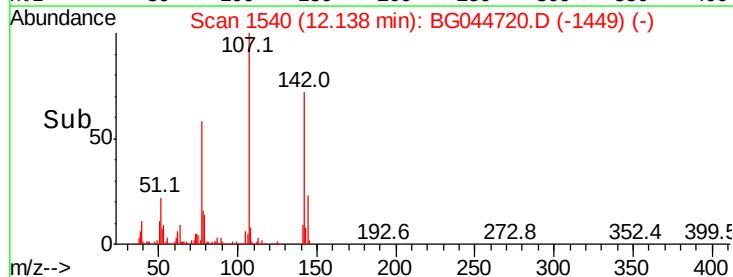
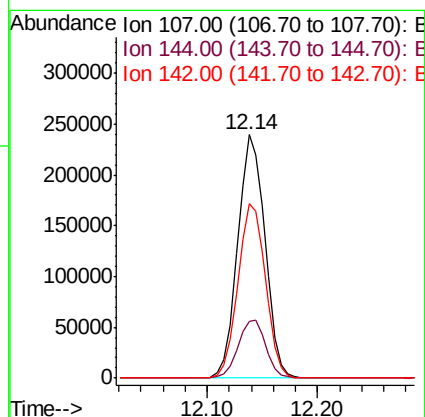
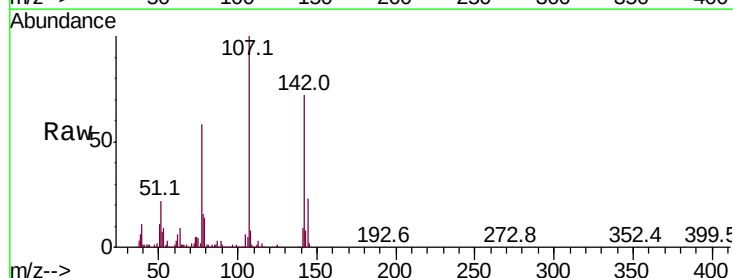
Instrument :
 BNA_G
 ClientSampled :

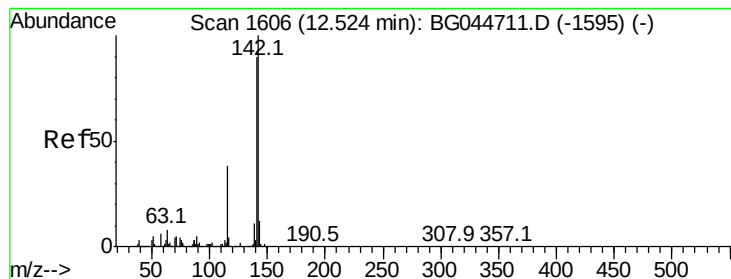
Tot Ion:113 Resp: 58134
 Ion Ratio Lower Upper
 113 100
 55 192.7 178.4 218.4
 56 130.6 117.7 157.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.604 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BG044720.D
 Acq: 11 Mar 2020 14:50

Tgt Ion:107 Resp: 415889
 Ion Ratio Lower Upper
 107 100
 144 23.5 19.6 29.4
 142 71.6 56.5 84.7





#37

2-Methylnaphthalene

Concen: 39.916 ng

RT: 12.53 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

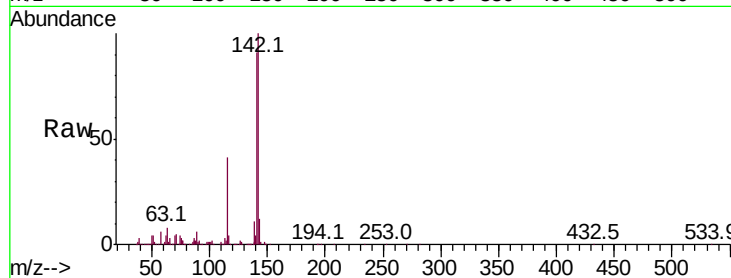
Tot Ion:142 Resp: 800238

Ion Ratio Lower Upper

142 100

141 90.7 72.3 108.5

115 40.5 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

600000

500000

400000

300000

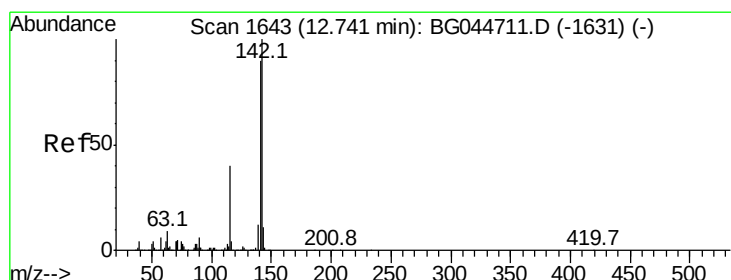
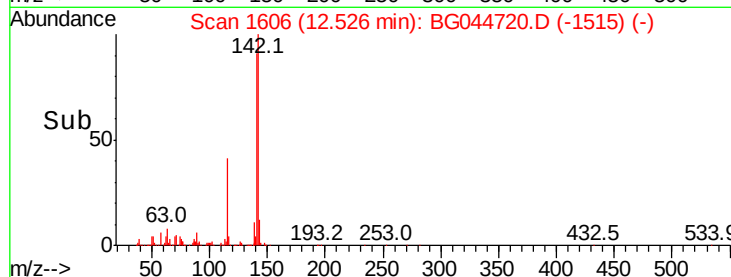
200000

100000

0

12.53

Time-->



#38

1-Methylnaphthalene

Concen: 40.391 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

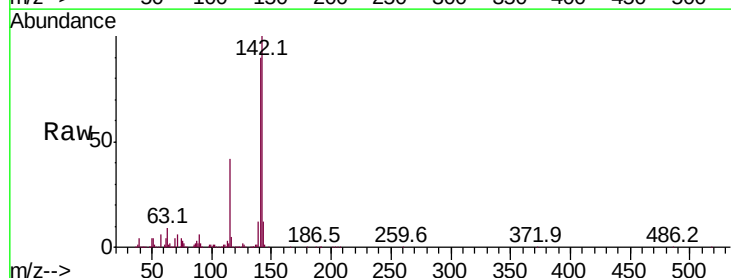
Tgt Ion:142 Resp: 761288

Ion Ratio Lower Upper

142 100

141 90.2 72.2 108.2

116 4.5 3.5 5.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

600000

500000

400000

300000

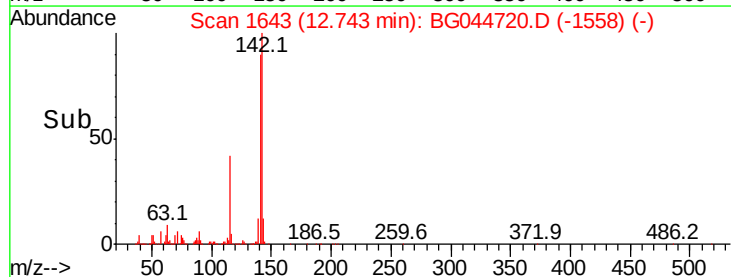
200000

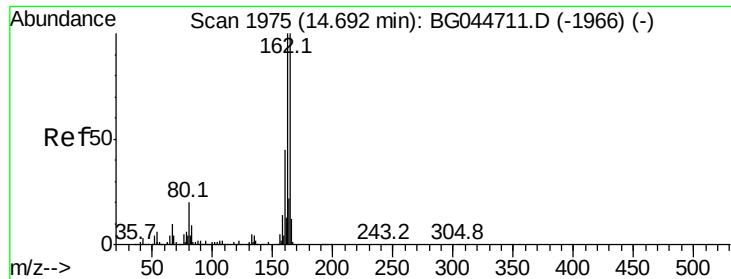
100000

0

12.74

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

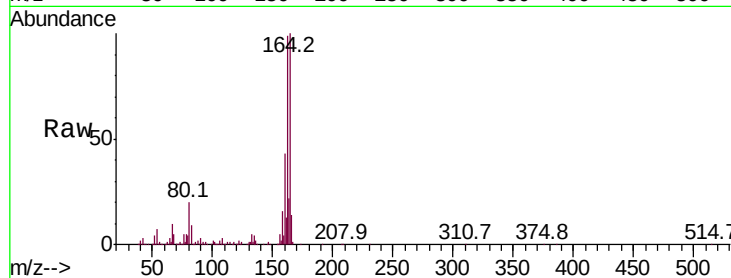
Tot Ion:164 Resp: 331220

Ion Ratio Lower Upper

164 100

162 99.0 80.2 120.4

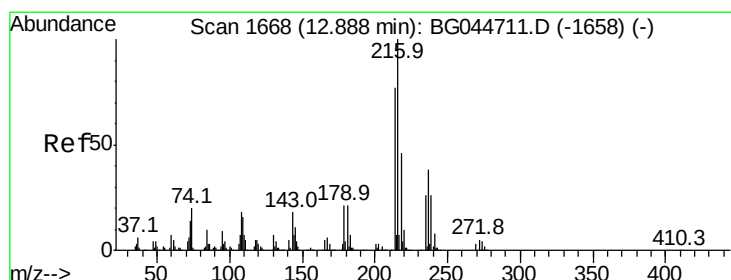
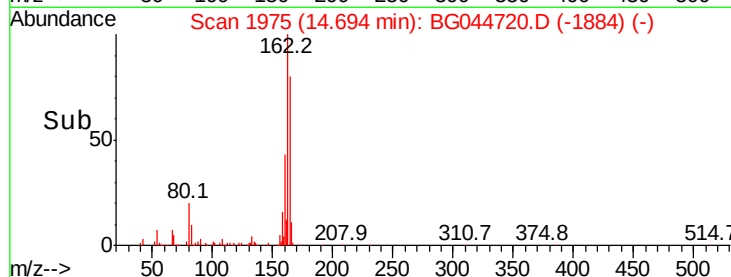
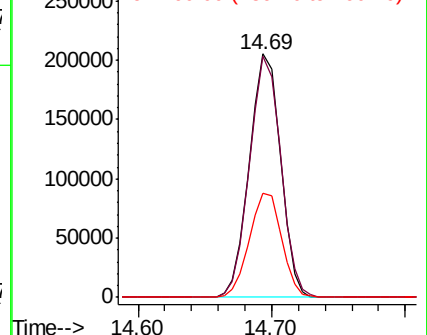
160 43.0 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.505 ng

RT: 12.90 min Scan# 1669

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion:216 Resp: 409108

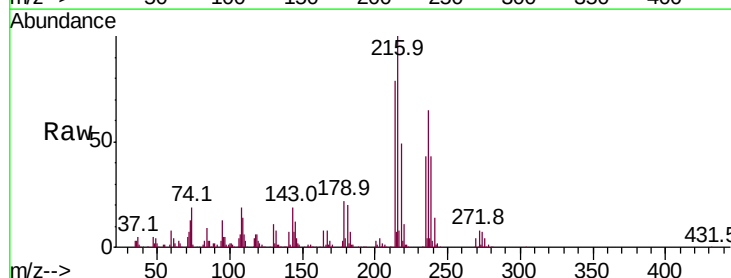
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 20.6 16.6 24.8

108 21.0 15.6 23.4

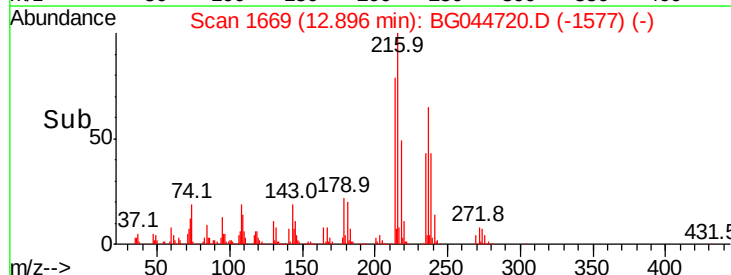
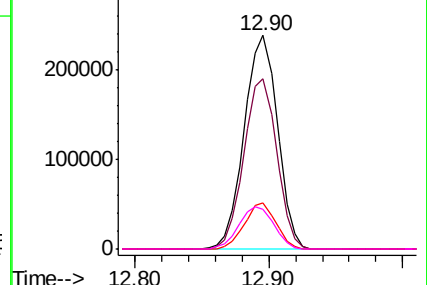


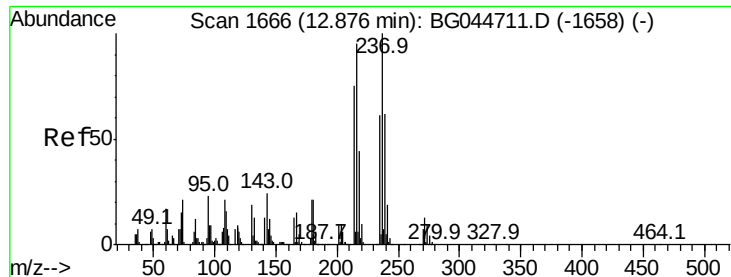
Abundance Ion 216.00 (215.70 to 216.70): E

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

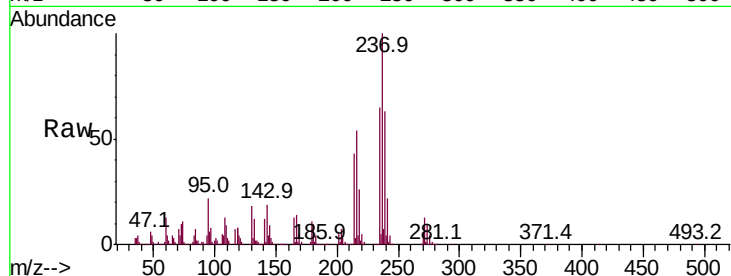




#41
Hexachlorocyclopentadiene
Concen: 83.174 ng
RT: 12.88 min Scan# 1667
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.5	40.6	80.6
272	13.1	0.0	32.5

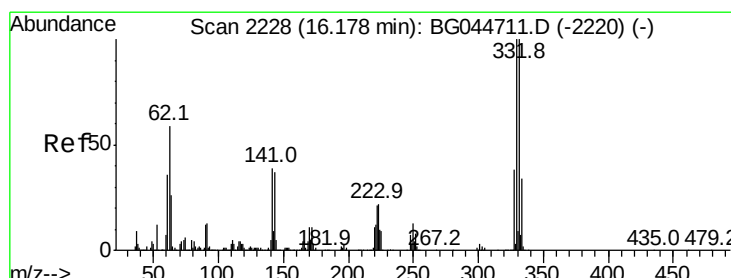
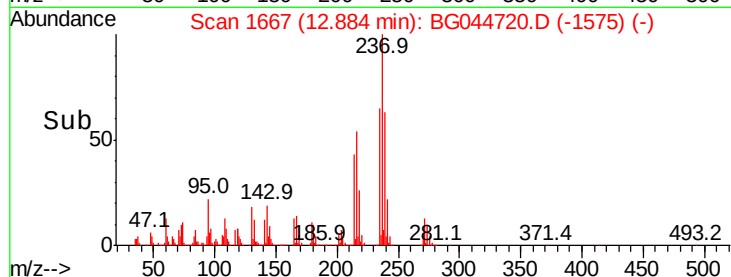
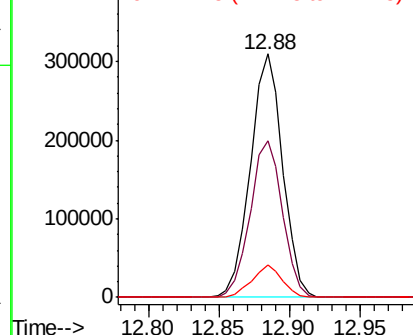


Abundance

Ion 236.80 (236.50 to 237.50): E

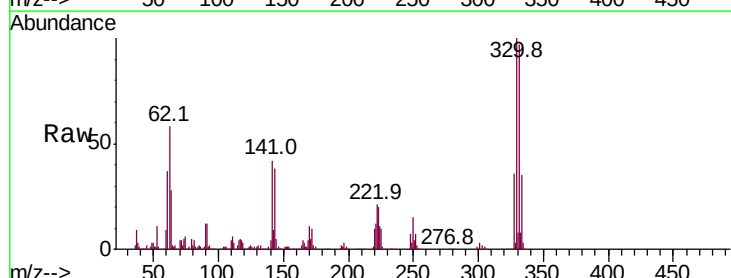
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 111.117 ng
RT: 16.18 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.5	116.3
141	40.3	31.7	47.5

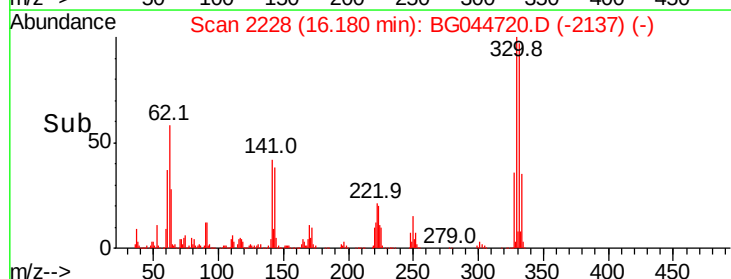
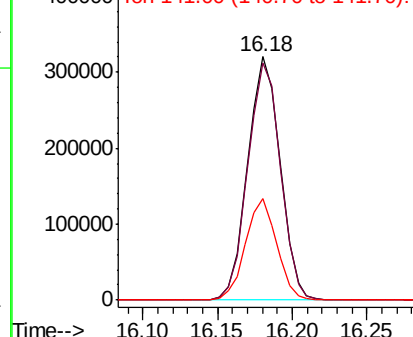


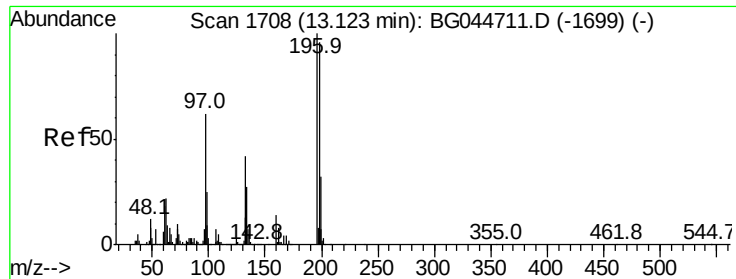
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

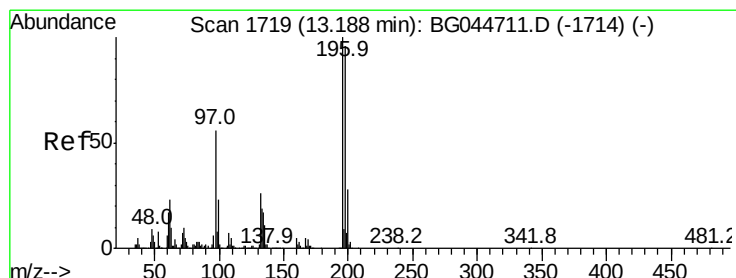
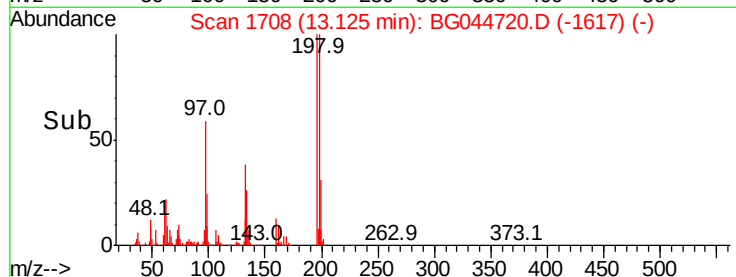
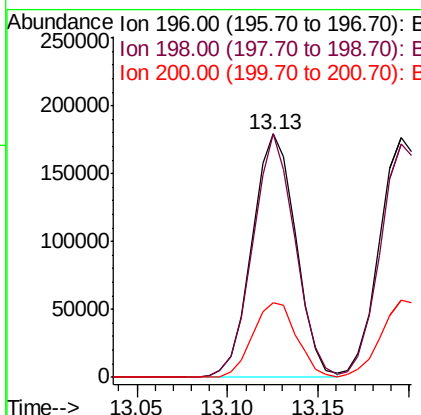
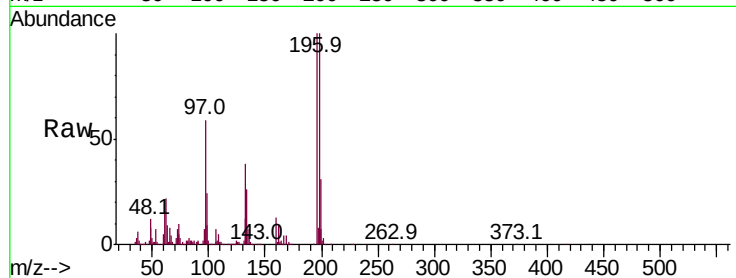




#43
 2,4,6-Trichlorophenol
 Concen: 41.534 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG044720.D
 Acq: 11 Mar 2020 14:50

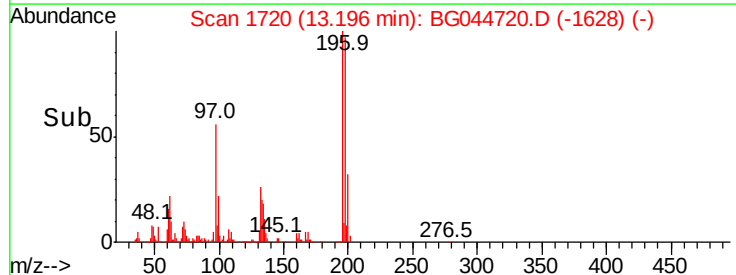
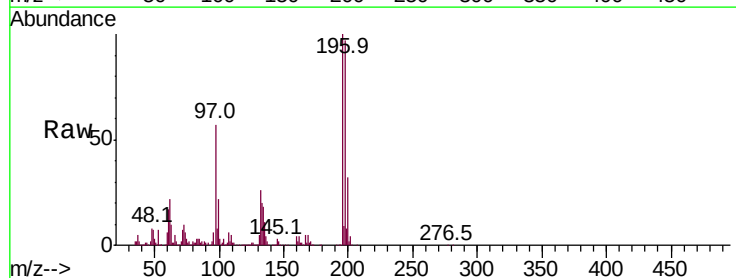
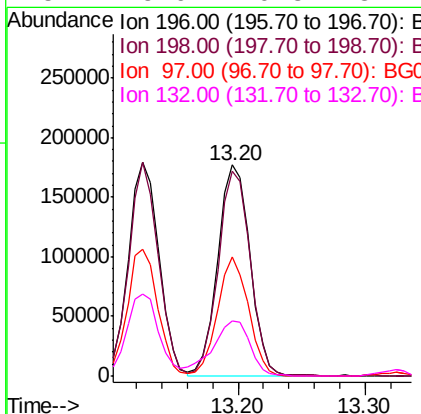
Instrument :
 BNA_G
 ClientSampled :

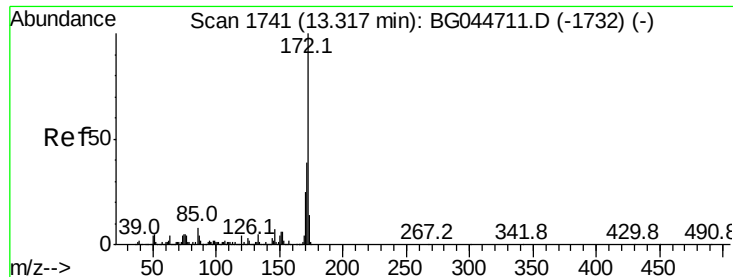
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.9	76.5	114.7
200	30.6	25.9	38.9



#44
 2,4,5-Trichlorophenol
 Concen: 41.617 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BG044720.D
 Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.2	77.3	115.9
97	56.7	44.9	67.3
132	25.9	20.8	31.2

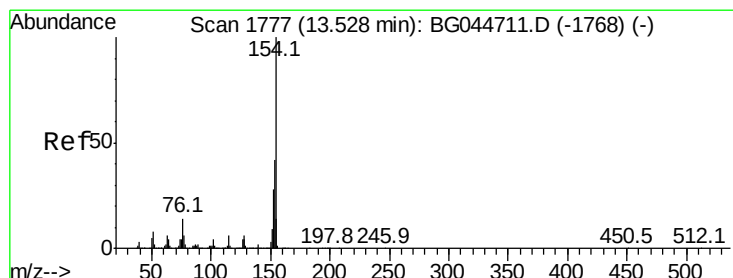
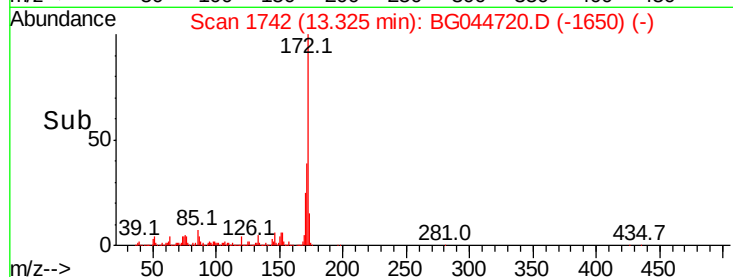
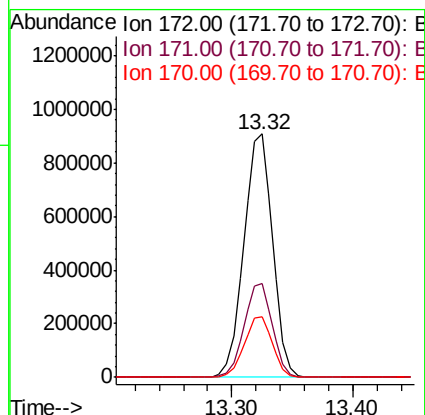
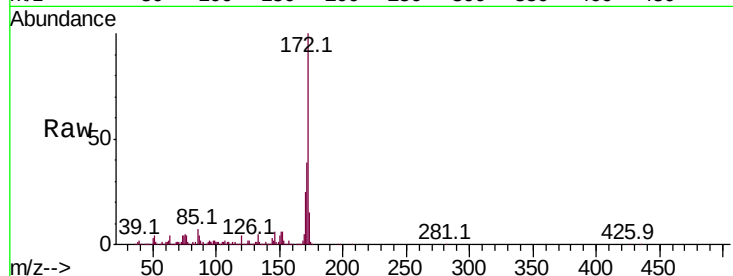




#45
2-Fluorobiphenyl
Concen: 64.851 ng
RT: 13.32 min Scan# 1742
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

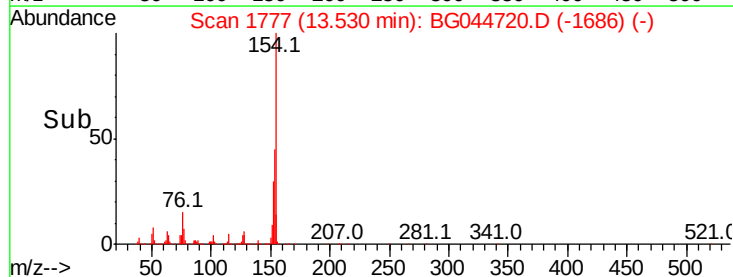
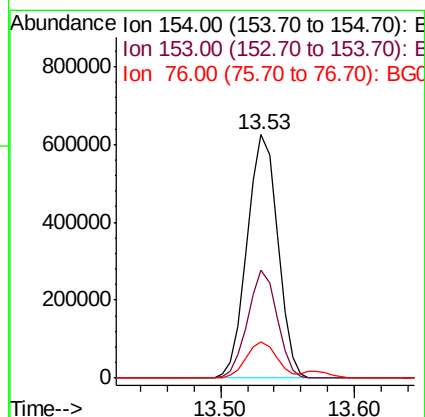
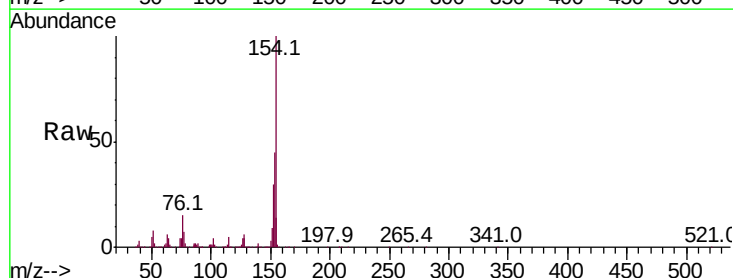
Instrument :
BNA_G
ClientSampleId :

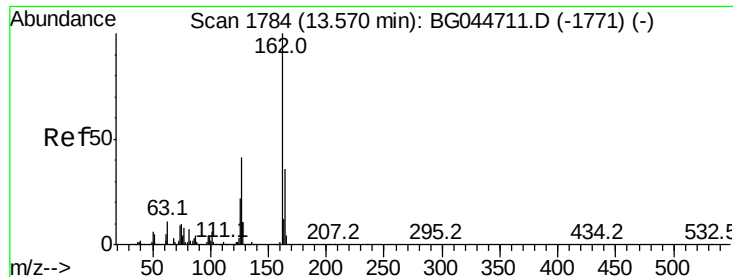
Tot Ion:172 Resp: 1499955
Ion Ratio Lower Upper
172 100
171 38.5 30.8 46.2
170 24.9 20.0 30.0



#46
1,1'-Biphenyl
Concen: 37.403 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion:154 Resp: 990008
Ion Ratio Lower Upper
154 100
153 44.5 22.0 62.0
76 15.1 0.0 34.2

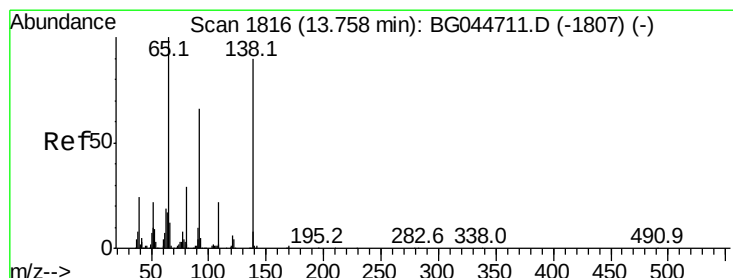
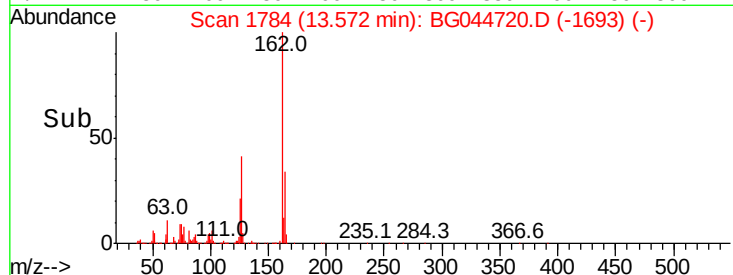
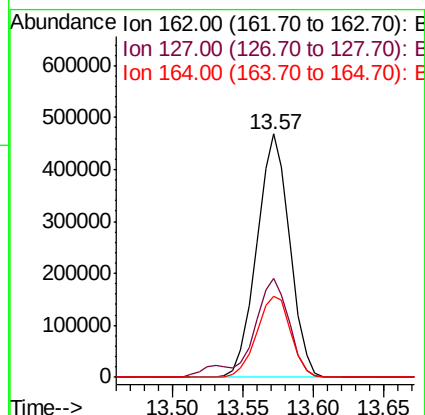
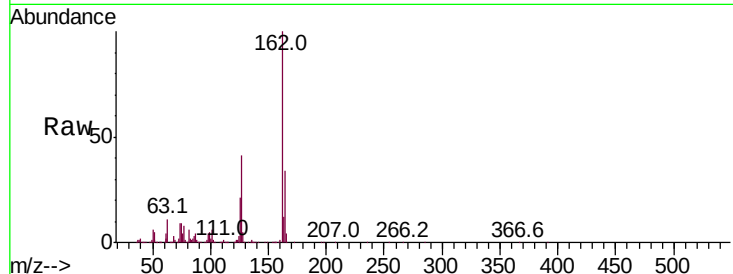




#47
 2-Chloronaphthalene
 Concen: 37.850 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BG044720.D
 Acq: 11 Mar 2020 14:50

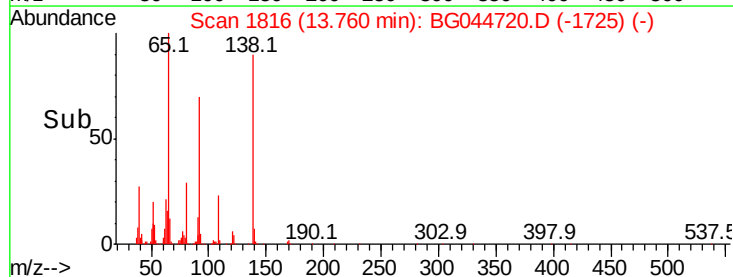
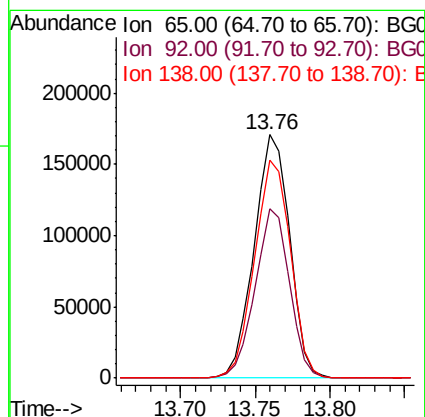
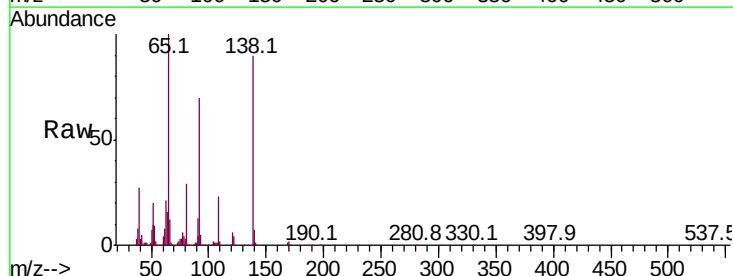
Instrument :
 BNA_G
 ClientSampleId :

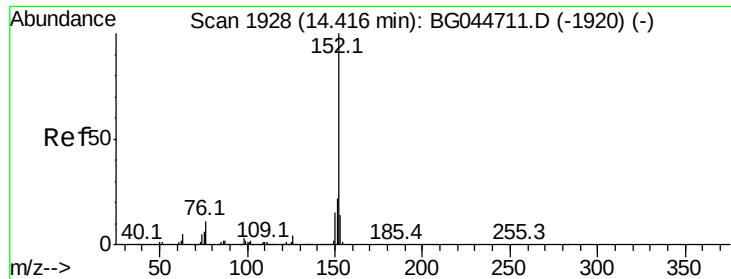
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.6	48.8
164	33.5	29.0	43.4



#48
 2-Nitroaniline
 Concen: 39.739 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BG044720.D
 Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	52.6	79.0
138	89.8	71.8	107.6





#49

Acenaphthylene

Concen: 39.383 ng

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

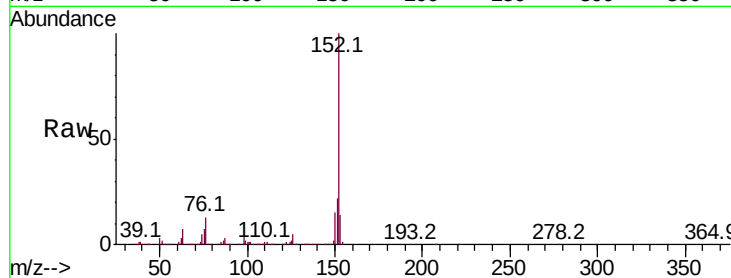
Tot Ion:152 Resp: 1247538

Ion Ratio Lower Upper

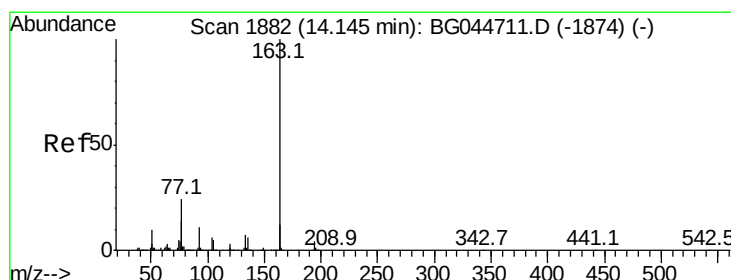
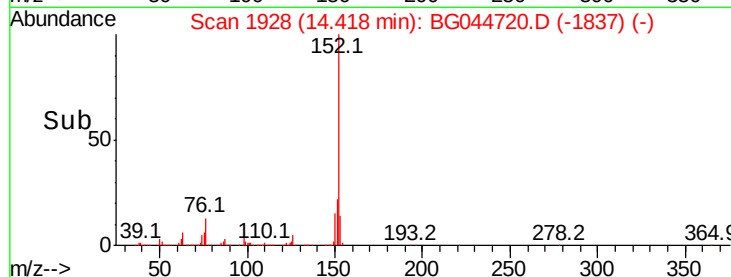
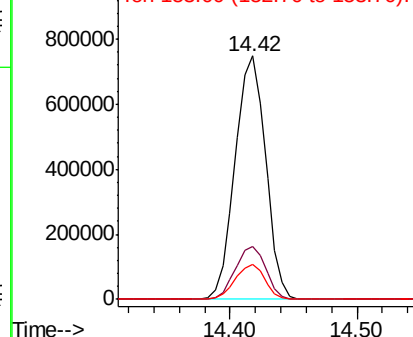
152 100

151 21.7 17.8 26.8

153 14.2 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: 38.399 ng

RT: 14.15 min Scan# 1883

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

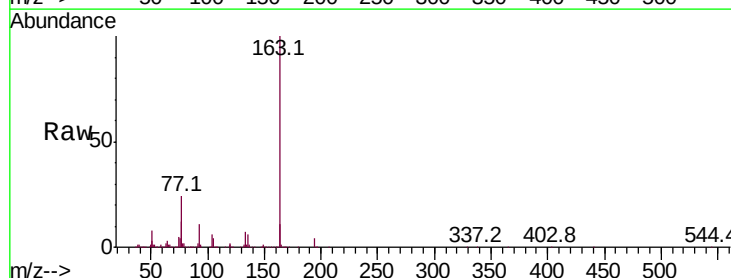
Tgt Ion:163 Resp: 1012980

Ion Ratio Lower Upper

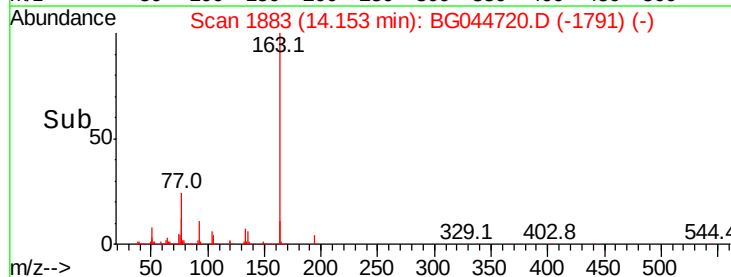
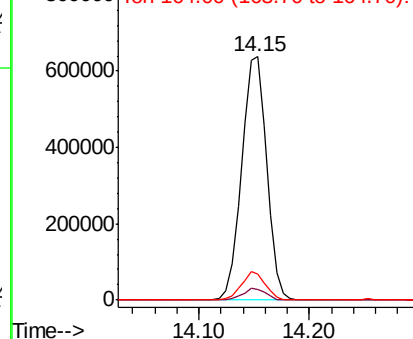
163 100

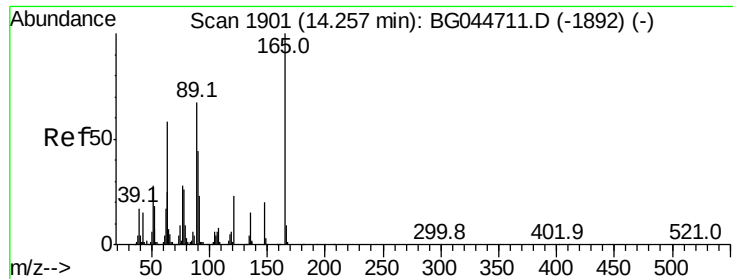
194 4.3 3.5 5.3

164 10.5 9.2 13.8



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





#51

2,6-Dinitrotoluene

Concen: 41.645 ng

RT: 14.26 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

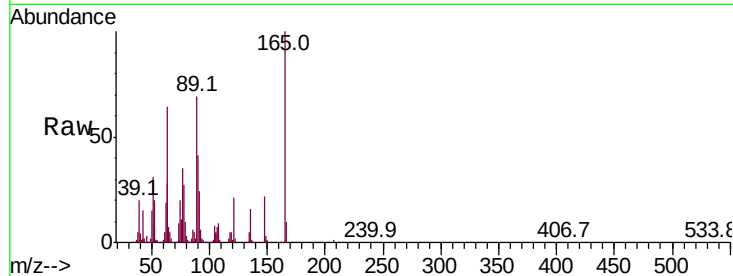
Tot Ion:165 Resp: 221442

Ion Ratio Lower Upper

165 100

63 64.1 48.9 73.3

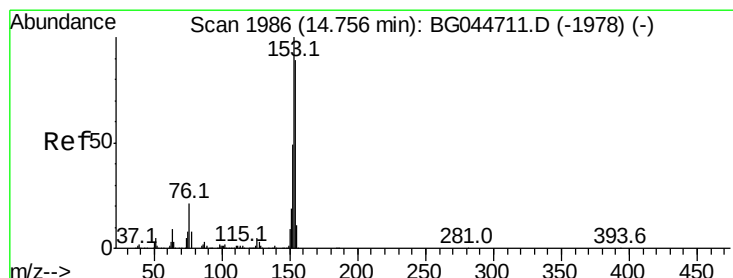
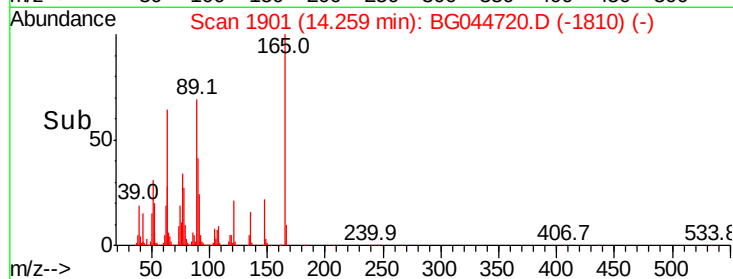
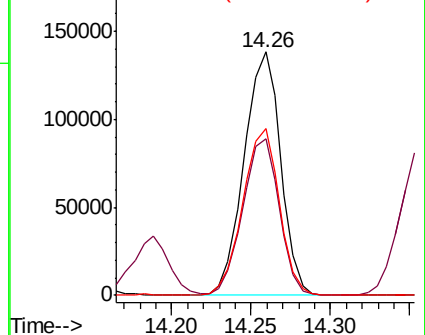
89 68.7 53.8 80.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 42.475 ng

RT: 14.76 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

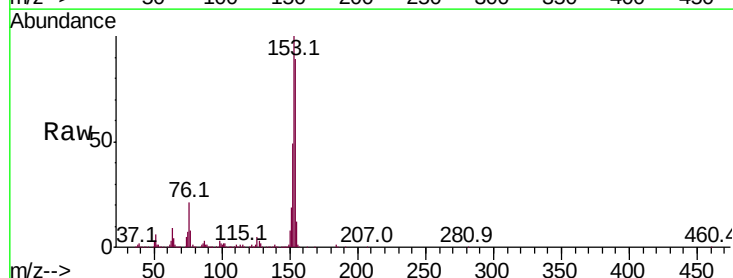
Tgt Ion:154 Resp: 881168

Ion Ratio Lower Upper

154 100

153 112.5 89.8 134.8

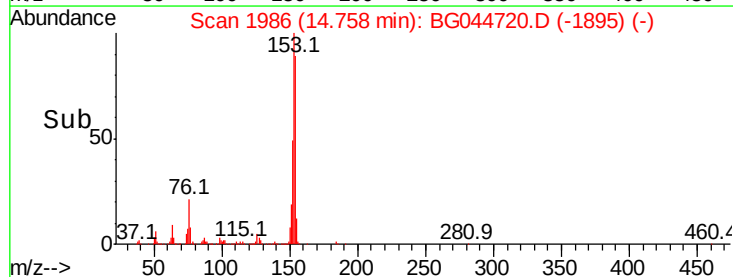
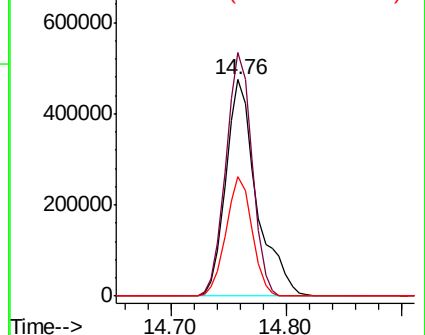
152 55.3 44.4 66.6

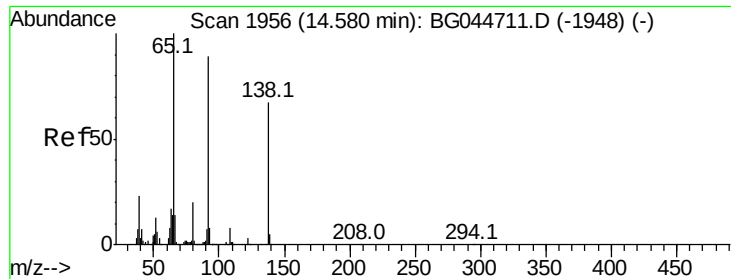


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 27.574 ng

RT: 14.58 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

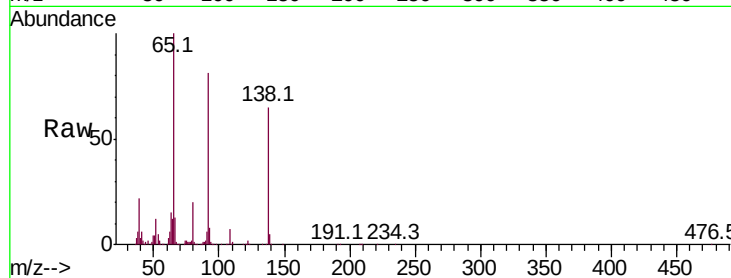
Tot Ion:138 Resp: 168571

Ion Ratio Lower Upper

138 100

108 11.1 9.2 13.8

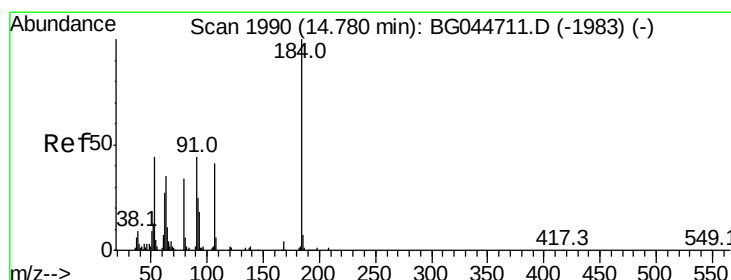
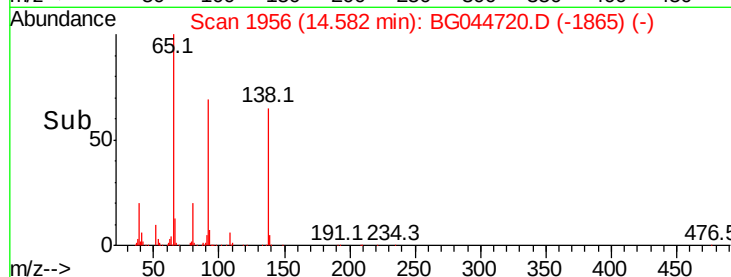
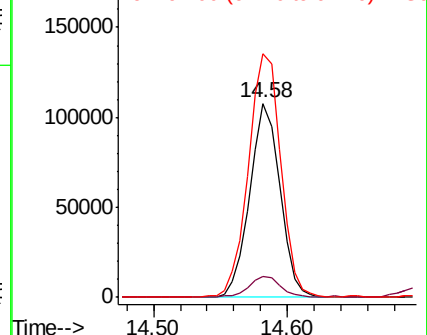
92 125.6 105.6 158.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 79.126 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

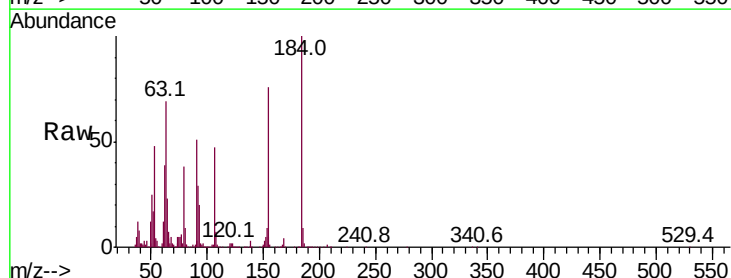
Tgt Ion:184 Resp: 219580

Ion Ratio Lower Upper

184 100

63 68.5 49.0 73.6

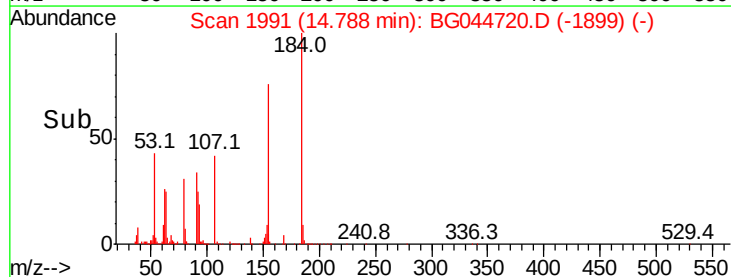
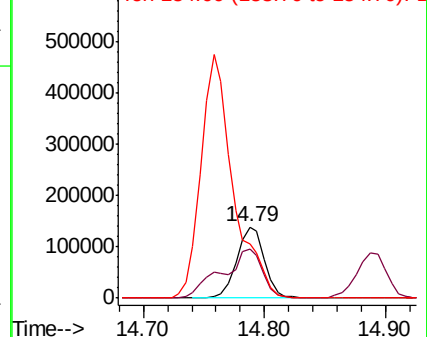
154 75.6 94.5 141.7#

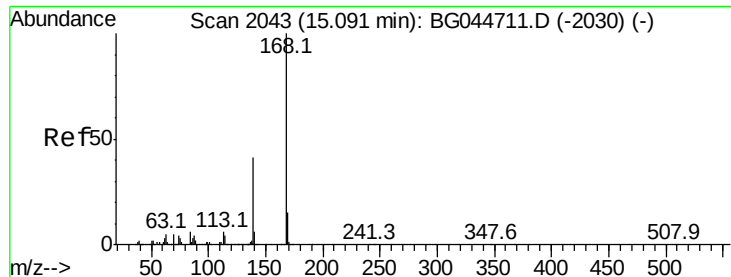


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.212 ng

RT: 15.09 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

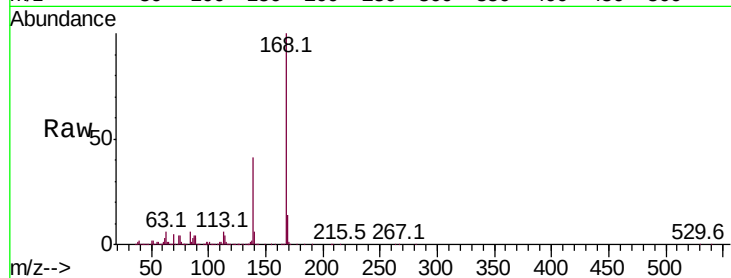
Instrument :

BNA_G

ClientSampled :

Tot Ion:168 Resp: 1179660

Ion	Ratio	Lower	Upper
168	100		
139	41.2	32.6	49.0
169	14.4	11.8	17.6

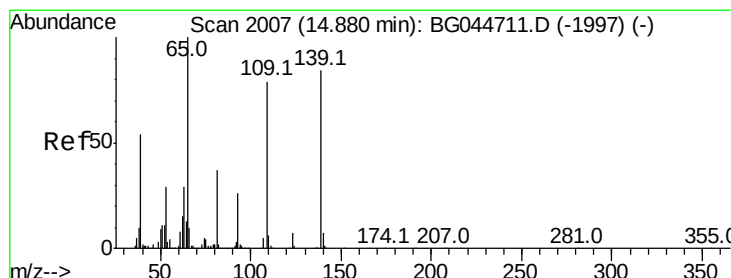
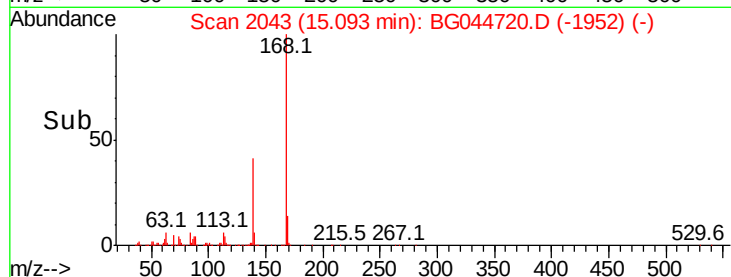
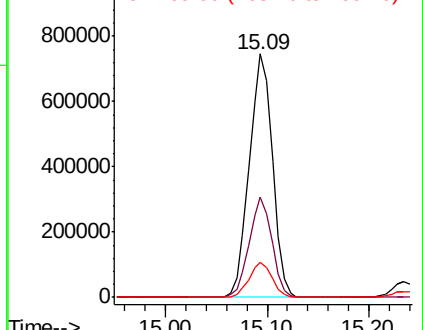


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 89.077 ng

RT: 14.89 min Scan# 2009

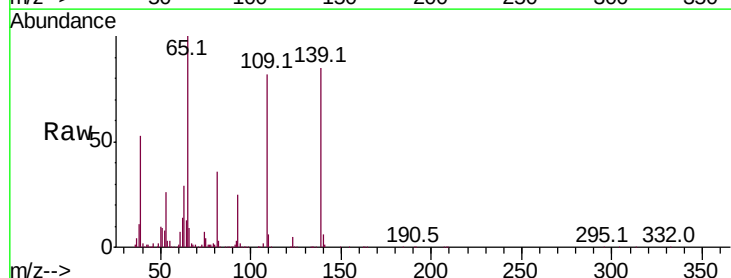
Delta R.T. 0.01 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion:139 Resp: 415606

Ion	Ratio	Lower	Upper
139	100		
109	96.2	74.1	114.1
65	117.7	98.6	138.6

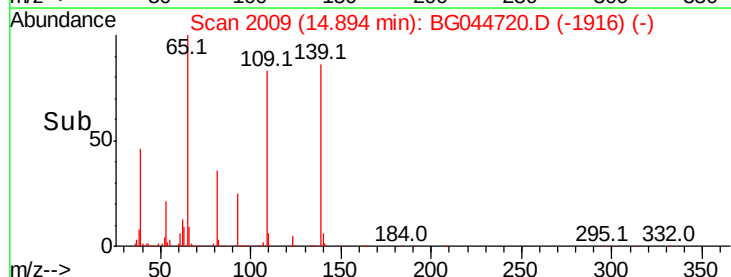
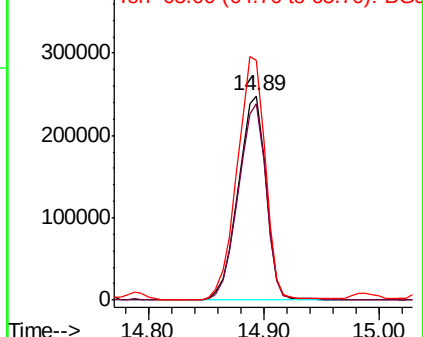


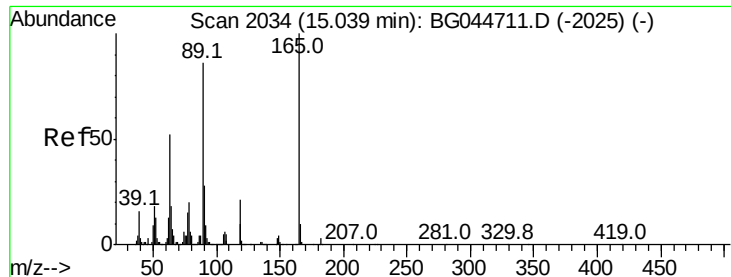
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

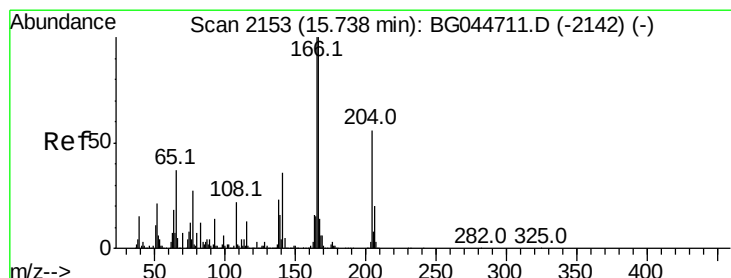
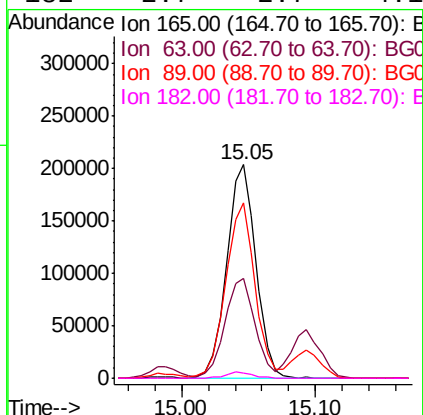
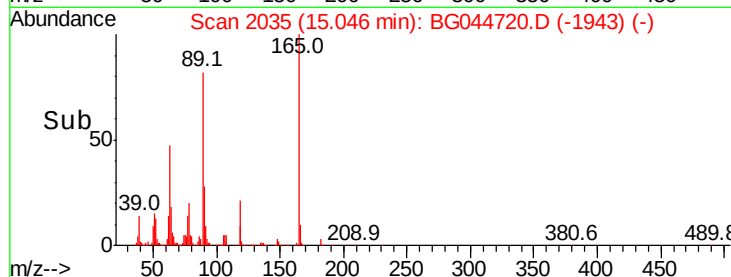
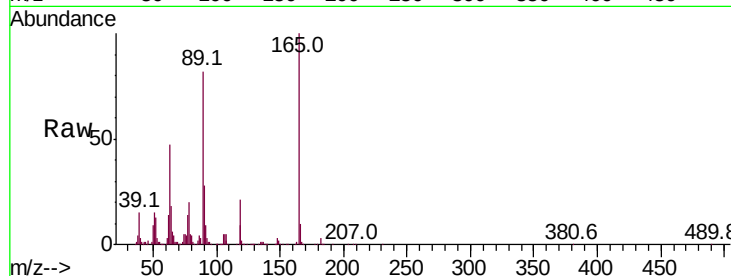




#57
2,4-Dinitrotoluene
Concen: 42.604 ng
RT: 15.05 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

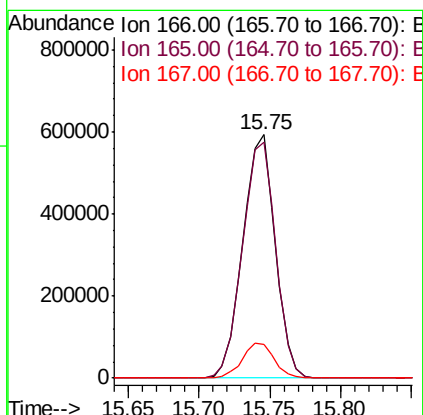
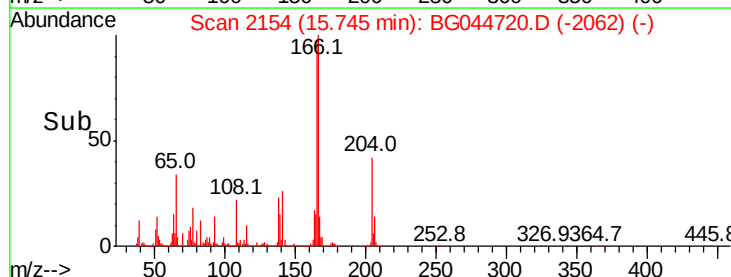
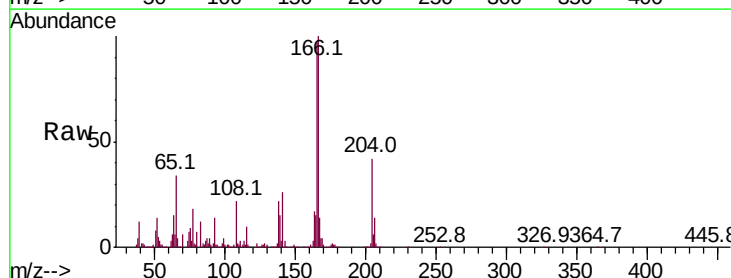
Instrument :
BNA_G
ClientSampleId :

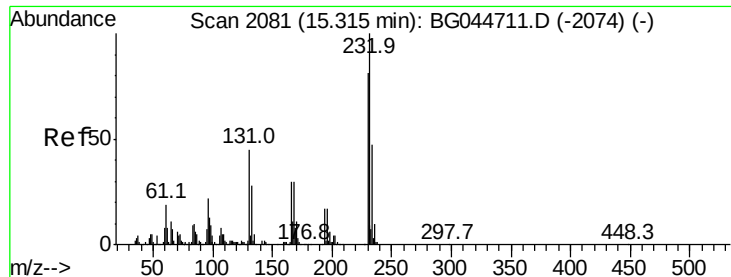
Tot Ion:165 Resp: 310697
Ion Ratio Lower Upper
165 100
63 46.7 41.5 62.3
89 82.1 69.0 103.4
182 2.7 2.7 4.1#



#58
Fluorene
Concen: 38.659 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion:166 Resp: 956704
Ion Ratio Lower Upper
166 100
165 96.8 79.6 119.4
167 14.0 11.4 17.2

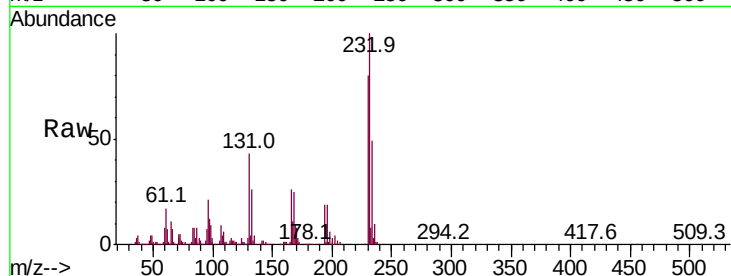




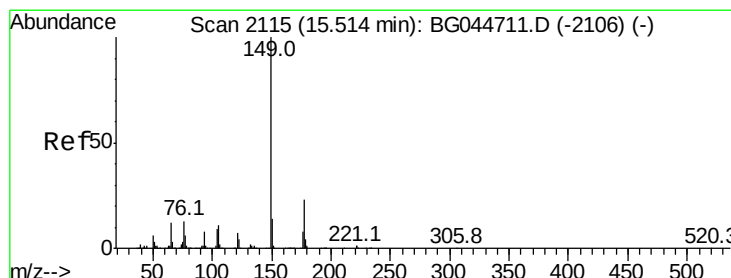
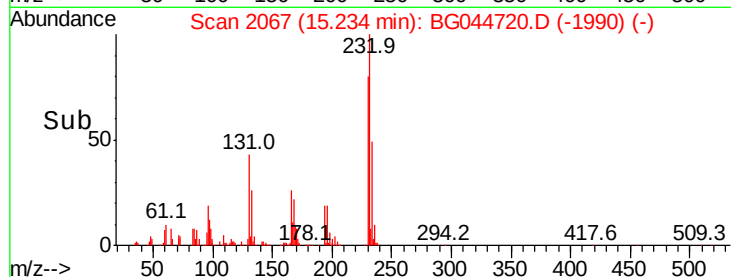
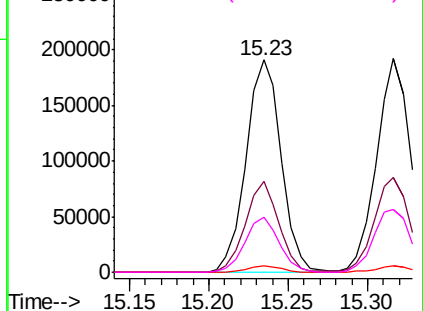
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.483 ng
RT: 15.23 min Scan# 2067
Delta R.T. -0.08 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232	Resp:	293638	
Ion Ratio	Lower	Upper	
232 100			
131 40.7	32.4	48.6	
130 2.9	2.0	3.0	
166 25.5	20.5	30.7	

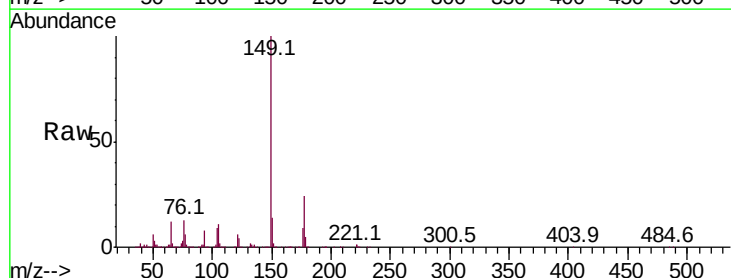


Abundance Ion 232.00 (231.70 to 232.70): E
300000
Ion 131.00 (130.70 to 131.70): E
250000
Ion 130.00 (129.70 to 130.70): E
200000
Ion 166.00 (165.70 to 166.70): E
150000
100000
50000
0

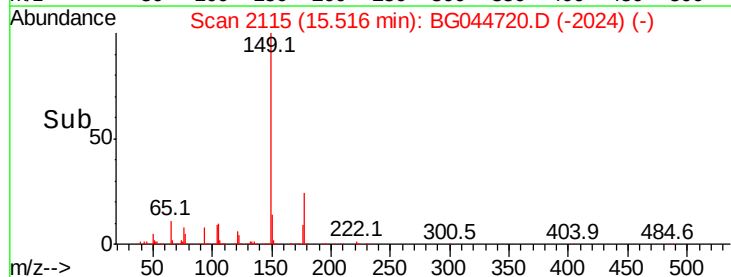
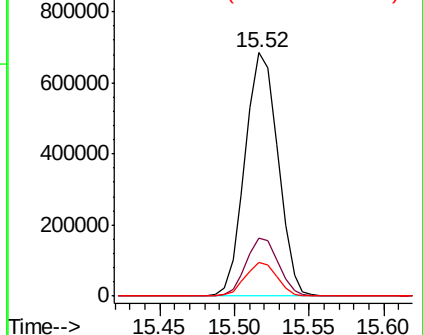


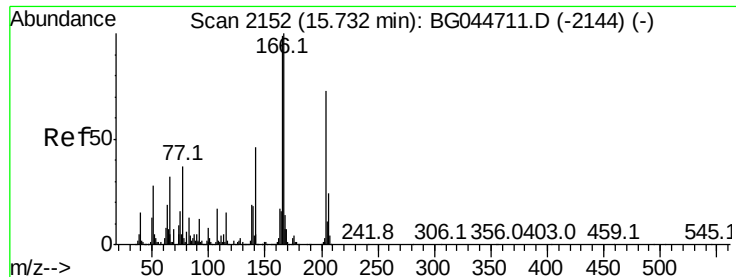
#60
Diethylphthalate
Concen: 38.016 ng
RT: 15.52 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion:149	Resp: 1045996
Ion Ratio	Lower Upper
149 100	
177 23.7	18.8 28.2
150 13.6	11.2 16.8



Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 177.00 (176.70 to 177.70): E
600000
Ion 150.00 (149.70 to 150.70): E
400000
200000
0

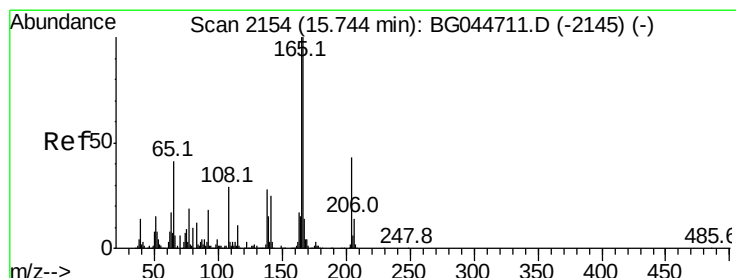
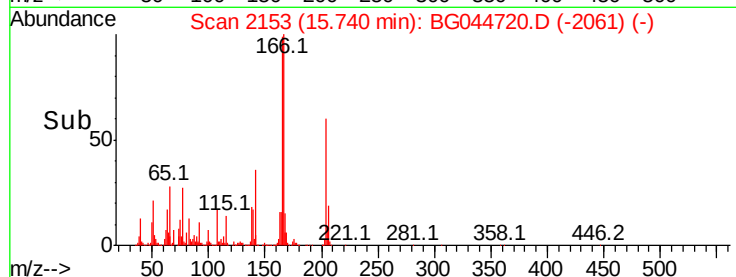
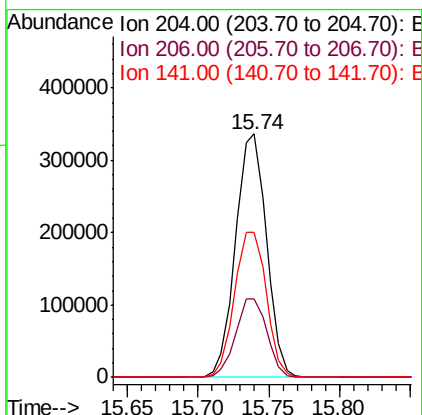
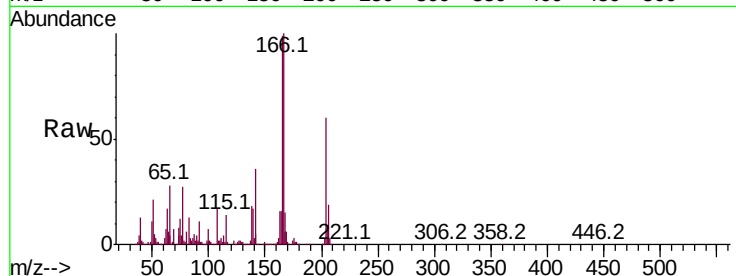




#61
4-Chlorophenyl-phenylether
Concen: 38.636 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

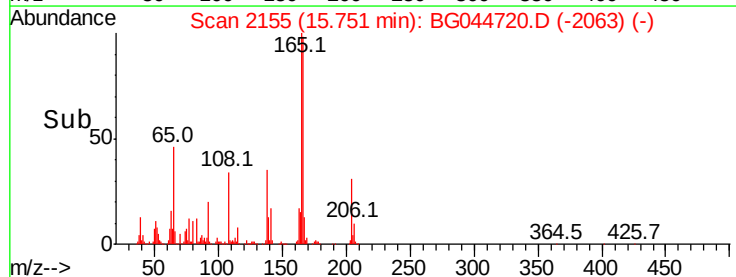
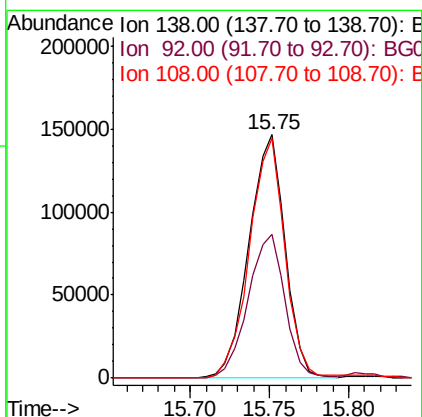
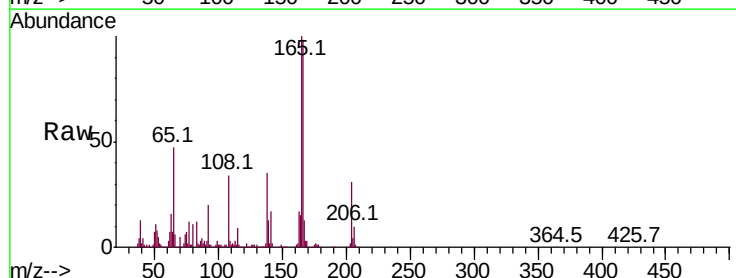
Instrument :
BNA_G
ClientSampleId :

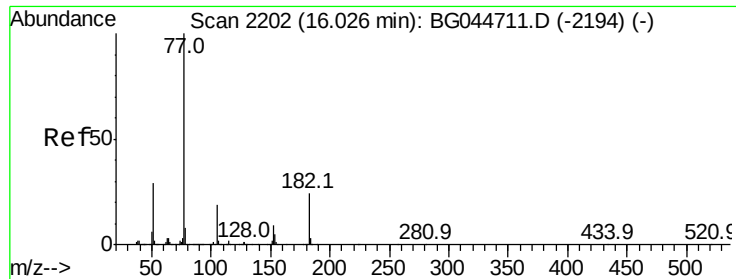
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.8	38.6
141	59.5	50.8	76.2



#62
4-Nitroaniline
Concen: 35.762 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.0	42.1	82.1
108	98.4	81.2	121.2

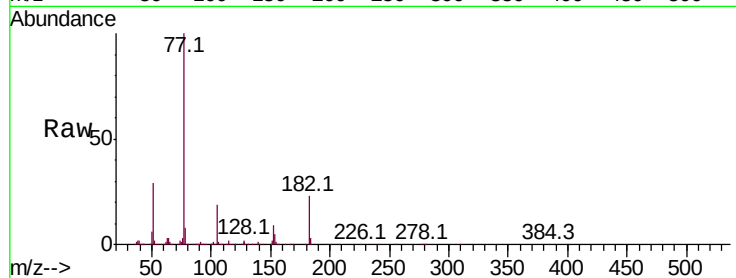




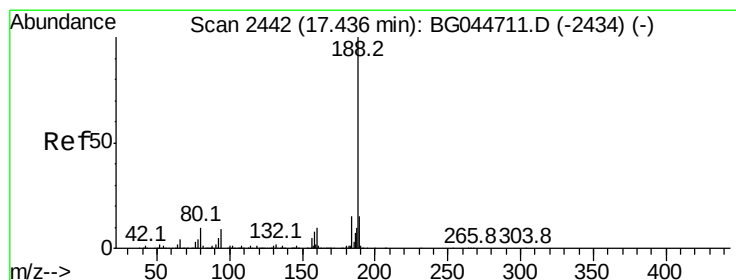
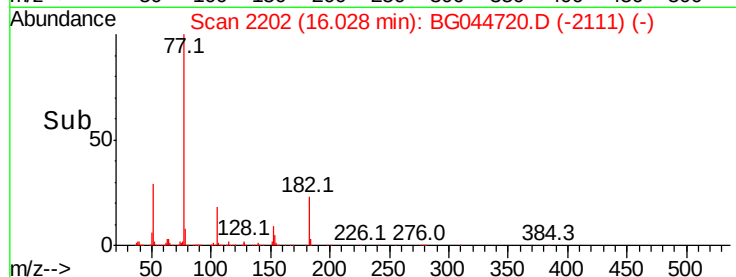
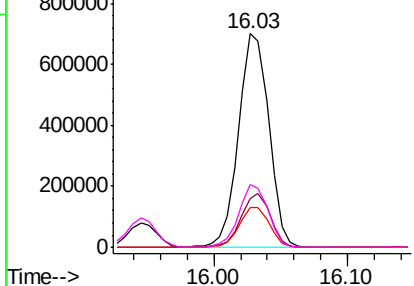
#63
Azobenzene
Concen: 38.460 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 1098887
Ion Ratio Lower Upper
77 100
182 22.5 3.6 43.6
105 18.6 0.0 39.3
51 29.5 8.7 48.7

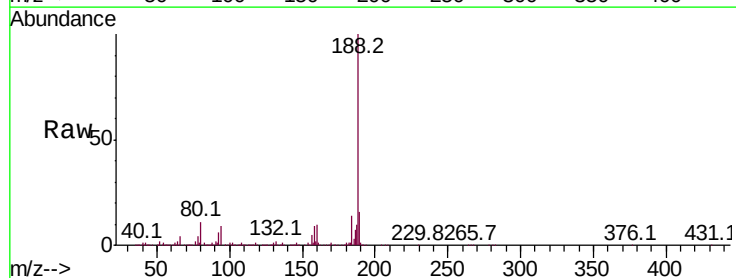


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

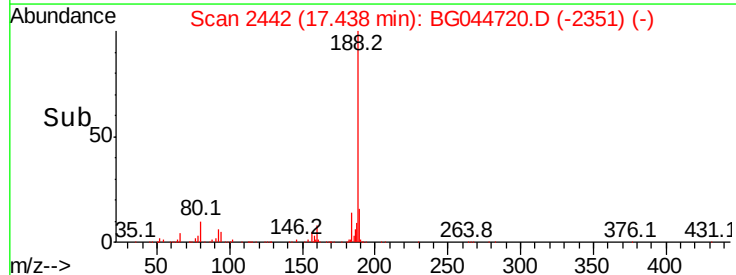
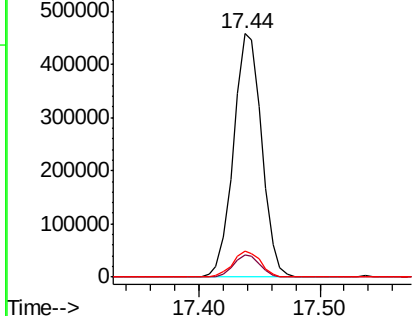


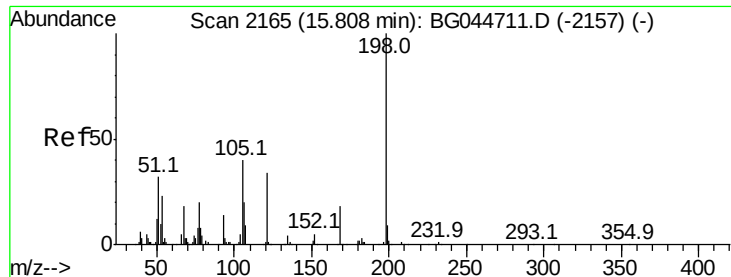
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion: 188 Resp: 743449
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 10.6 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

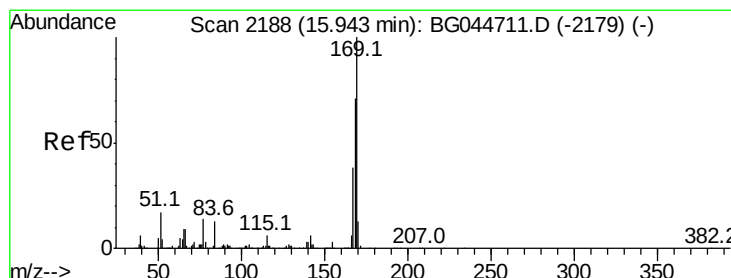
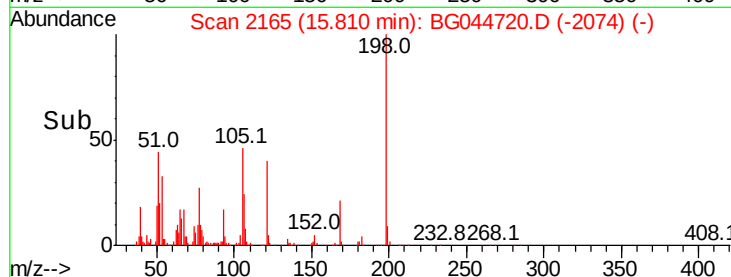
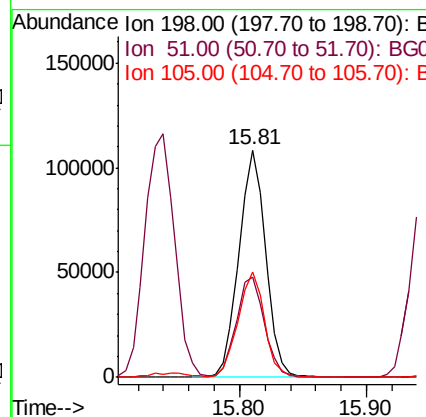
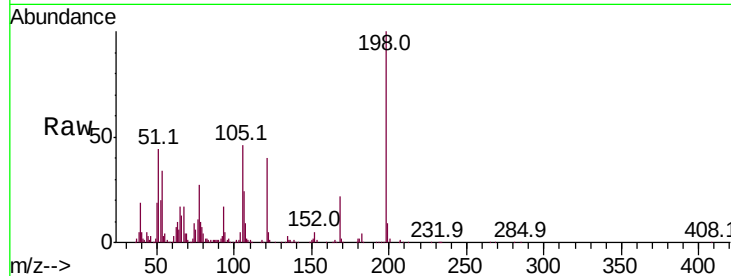




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.725 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG044720.D
 Acq: 11 Mar 2020 14:50

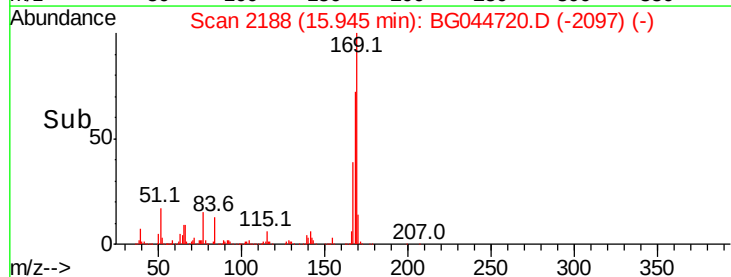
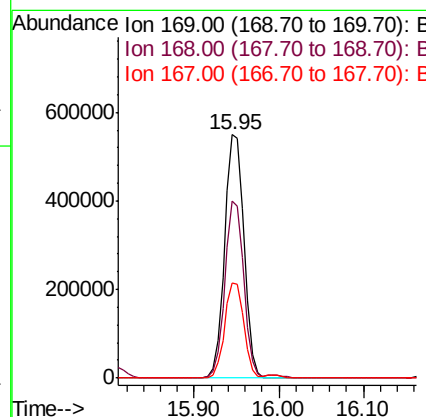
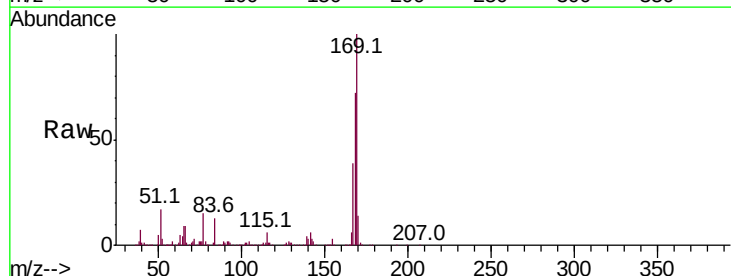
Instrument :
 BNA_G
 ClientSampleId :

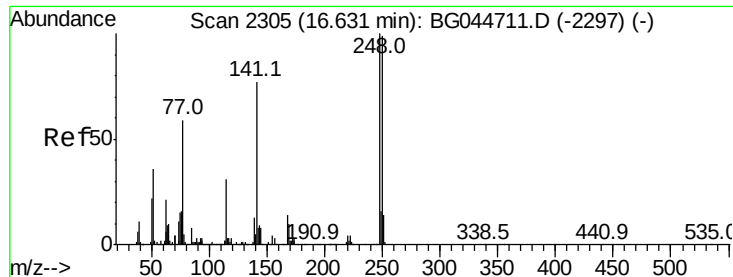
Tot Ion	Ratio	Lower	Upper
198	100		
51	44.1	20.1	60.1
105	46.2	21.3	61.3



#66
 n-Nitrosodiphenylamine
 Concen: 39.134 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG044720.D
 Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.5	56.6	85.0
167	39.1	30.1	45.1

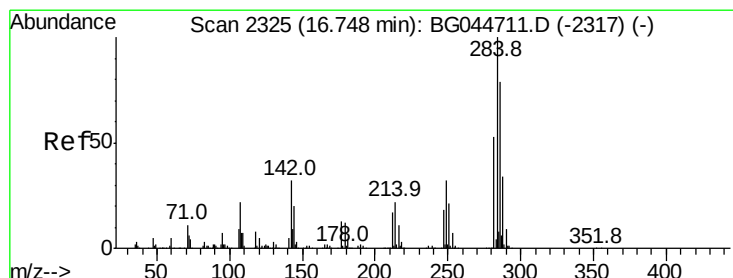
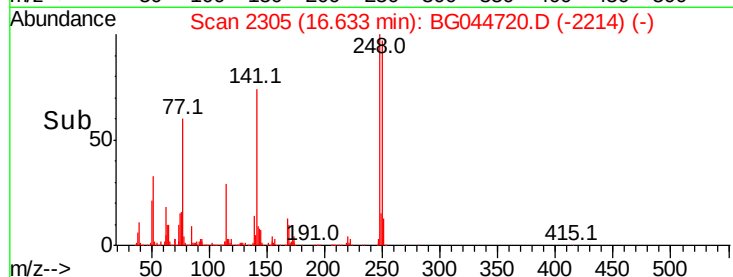
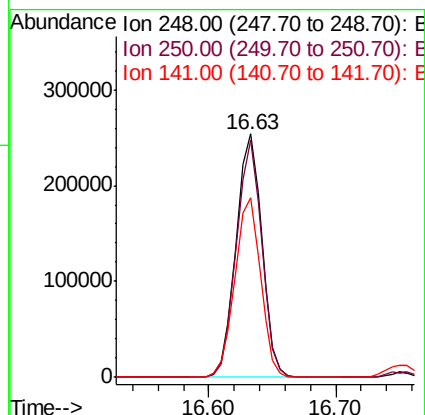
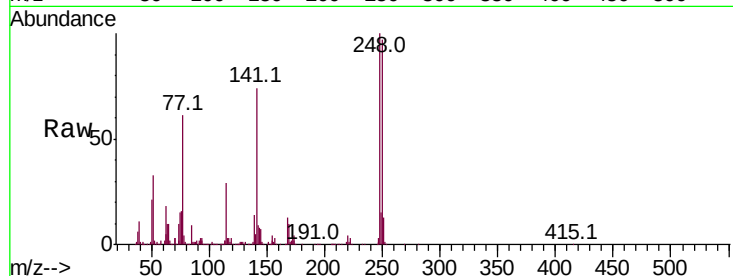




#67
4-Bromophenyl-phenylether
Concen: 38.288 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

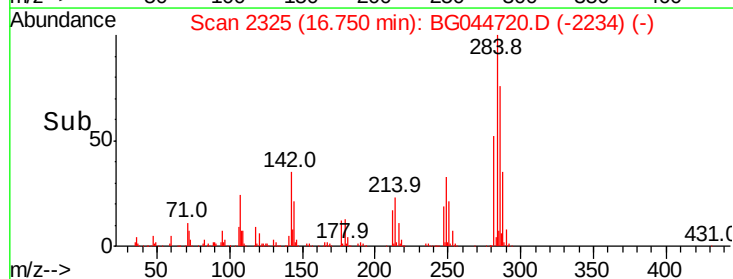
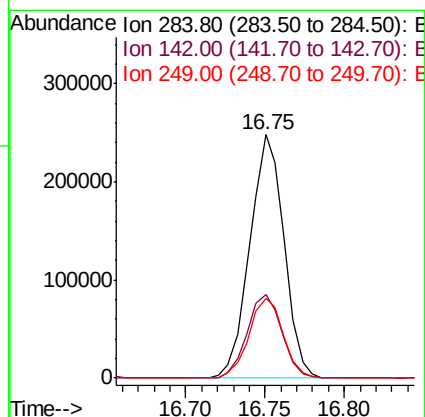
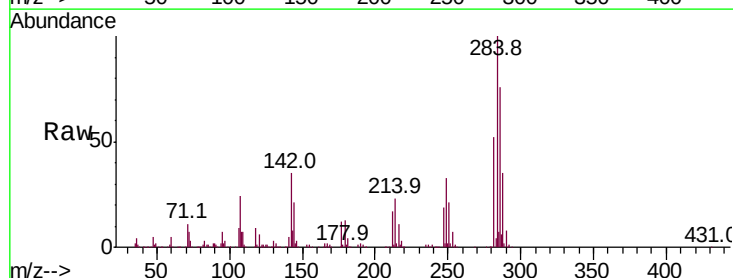
Instrument :
BNA_G
ClientSampleId :

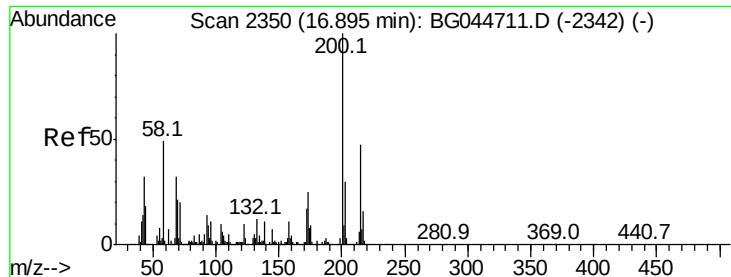
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	79.4	119.0
141	73.6	61.7	92.5



#68
Hexachlorobenzene
Concen: 36.855 ng
RT: 16.75 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	25.6	38.4
249	32.8	25.8	38.6

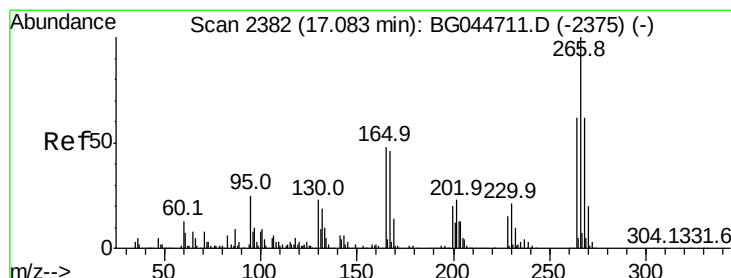
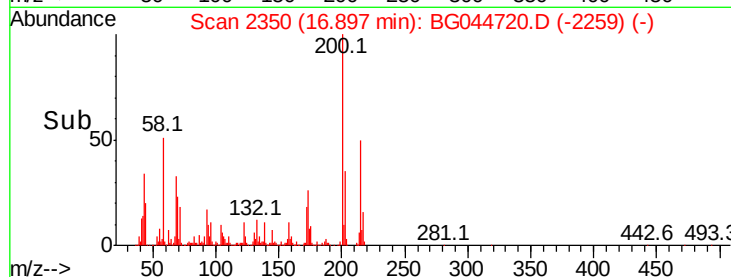
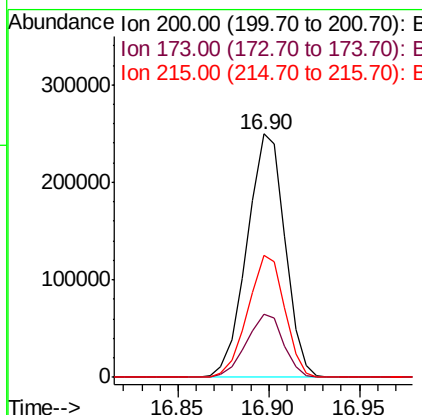
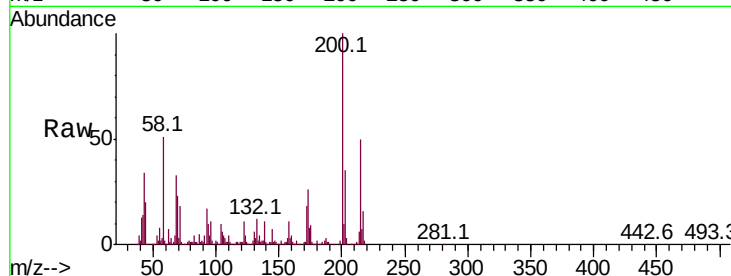




#69
Atrazine
Concen: 44.353 ng
RT: 16.90 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

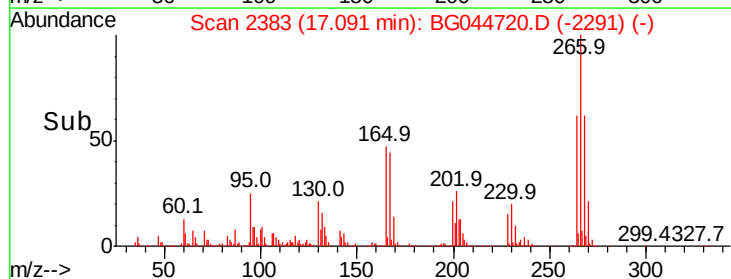
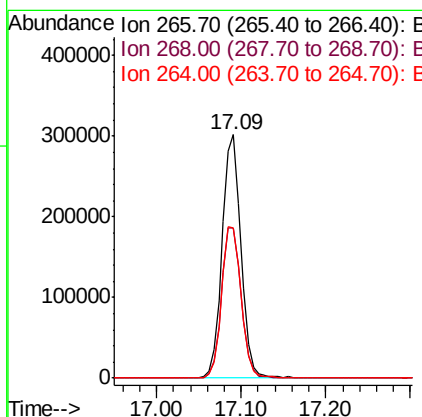
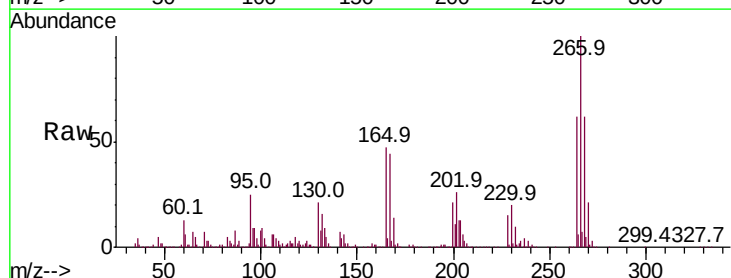
Instrument :
BNA_G
ClientSampleId :

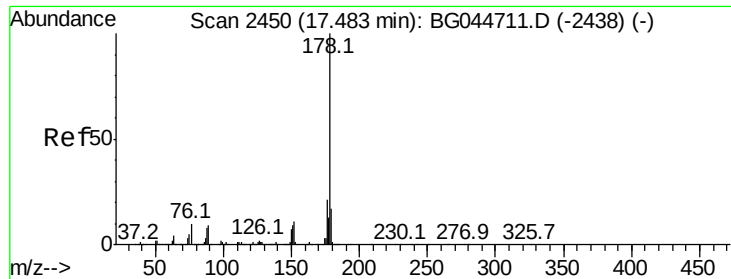
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	4.8	44.8
215	50.3	27.4	67.4



#70
Pentachlorophenol
Concen: 84.205 ng
RT: 17.09 min Scan# 2383
Delta R.T. 0.01 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	49.9	74.9
264	61.8	49.9	74.9

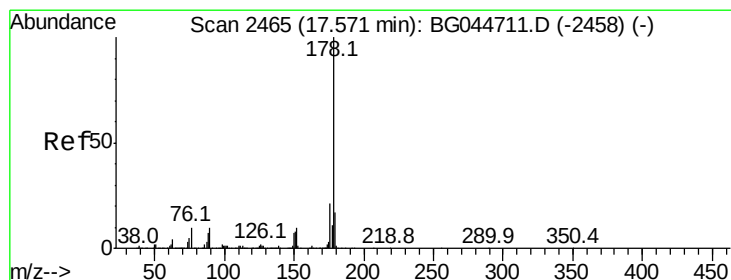
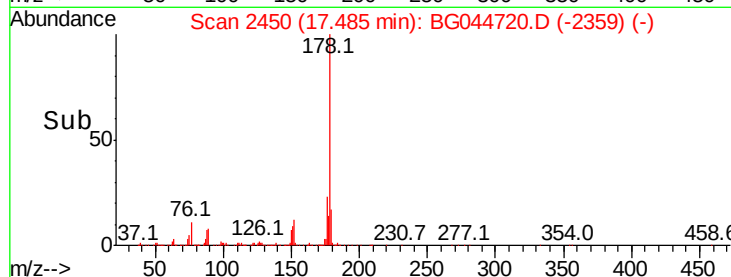
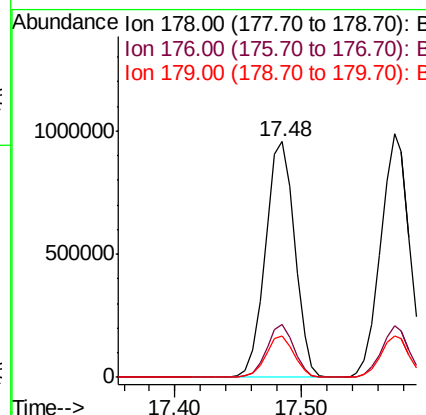
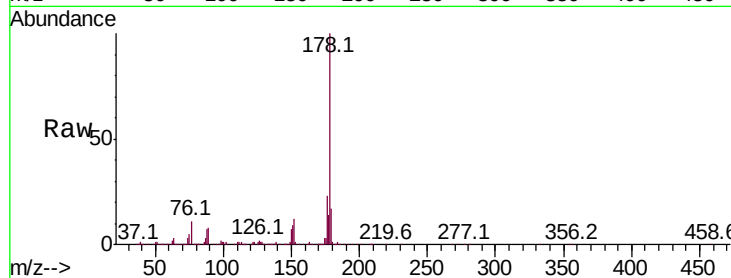




#71
Phenanthrene
Concen: 38.715 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

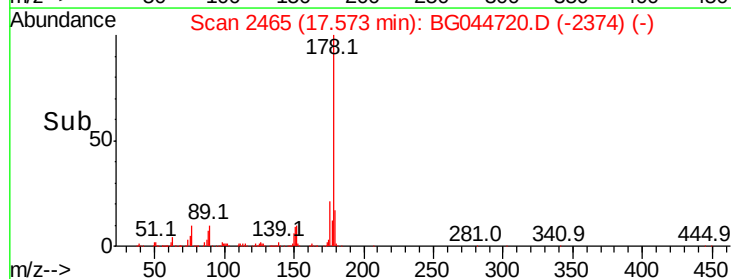
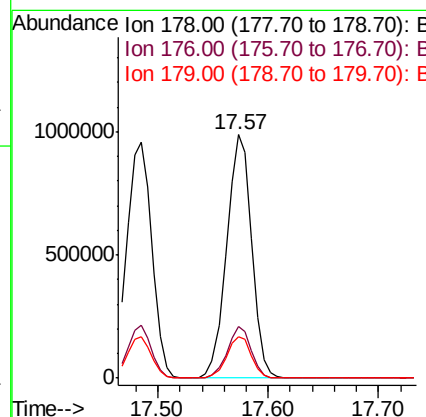
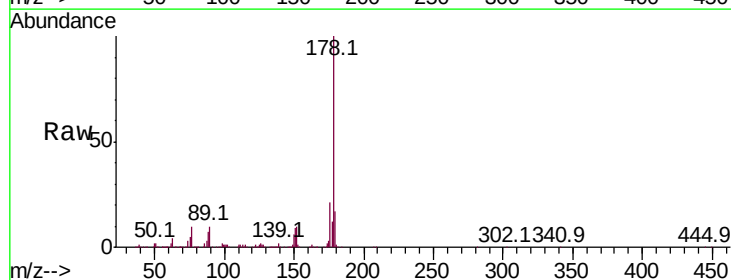
Instrument :
BNA_G
ClientSampled :

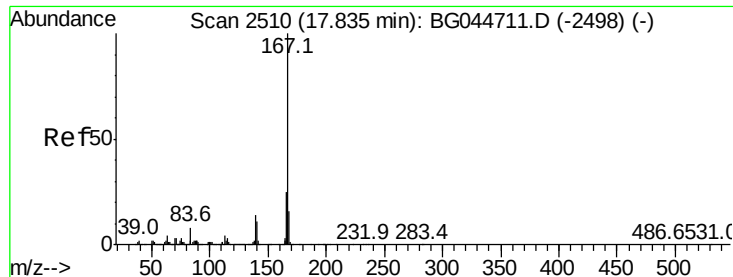
Tot Ion:178 Resp: 1538095
Ion Ratio Lower Upper
178 100
176 22.5 17.0 25.6
179 17.4 13.7 20.5



#72
Anthracene
Concen: 39.775 ng
RT: 17.57 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BG044720.D
Acq: 11 Mar 2020 14:50

Tgt Ion:178 Resp: 1558174
Ion Ratio Lower Upper
178 100
176 21.2 17.0 25.6
179 17.2 13.8 20.8





#73

Carbazole

Concen: 39.246 ng

RT: 17.84 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

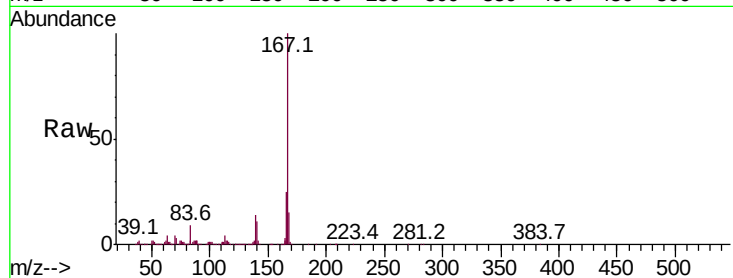
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1476818

Ion	Ratio	Lower	Upper
167	100		
166	24.6	19.6	29.4
139	13.9	11.4	17.2

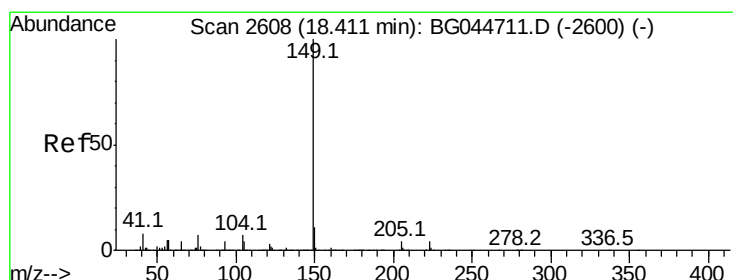
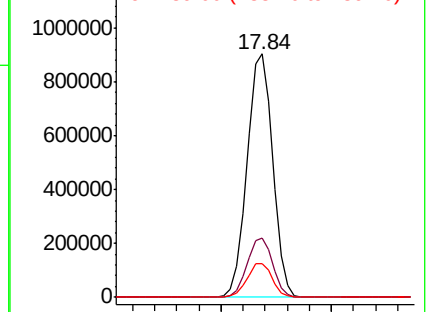
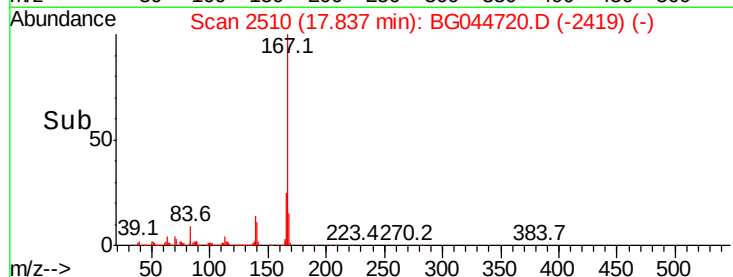


Abundance

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: 38.632 ng

RT: 18.41 min Scan# 2608

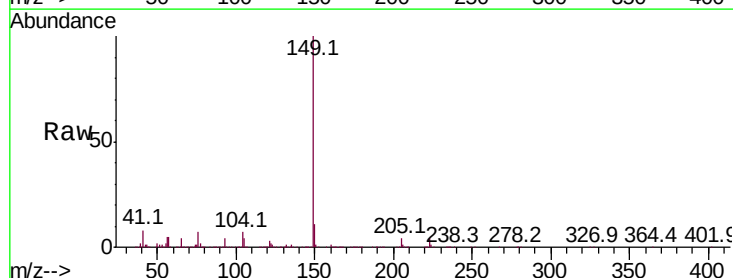
Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion:149 Resp: 1767191

Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.4	12.6
104	6.9	5.6	8.4

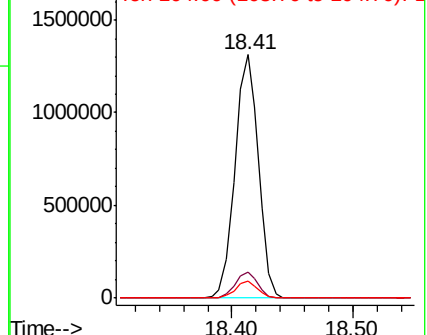
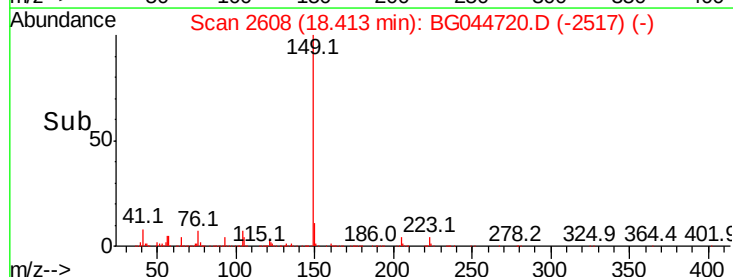


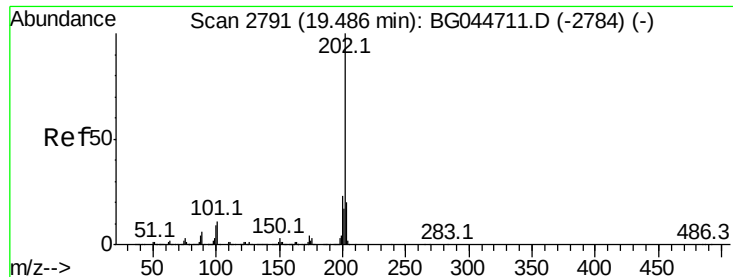
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.591 ng

RT: 19.49 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

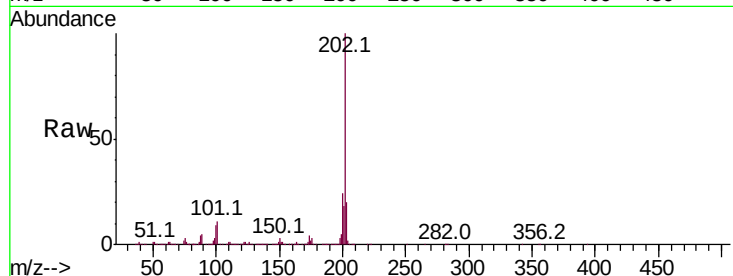
Tot Ion:202 Resp: 1872792

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.3

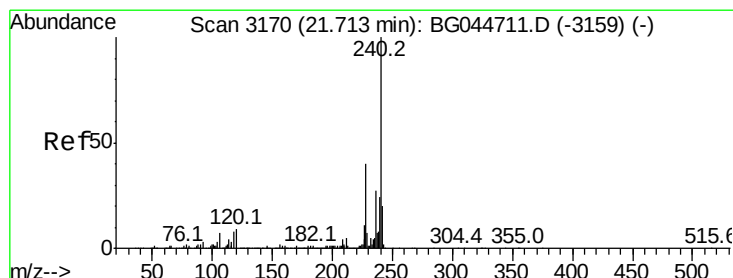
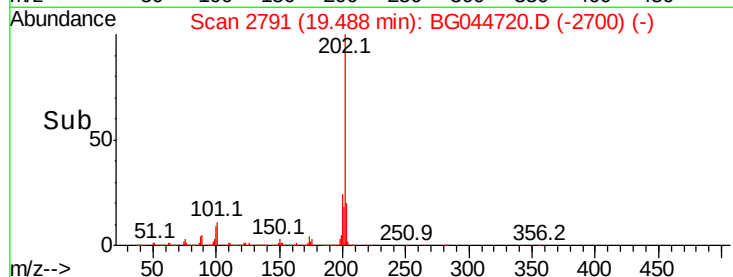
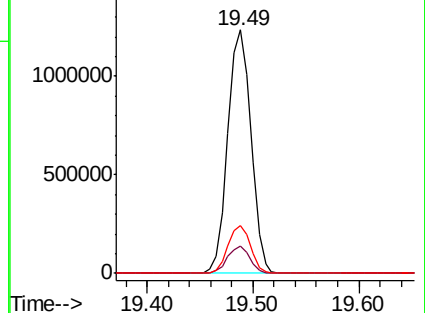
203 19.8 0.4 40.4



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: BG044720.D

Acq: 11 Mar 2020 14:50

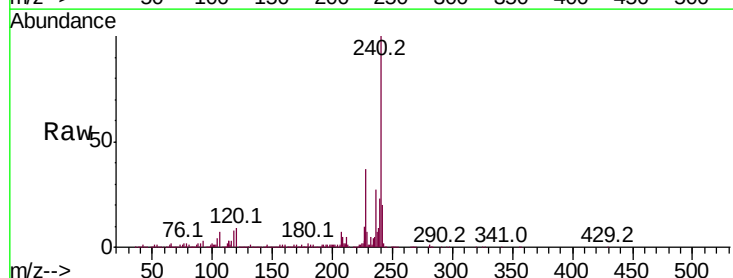
Tgt Ion:240 Resp: 645328

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

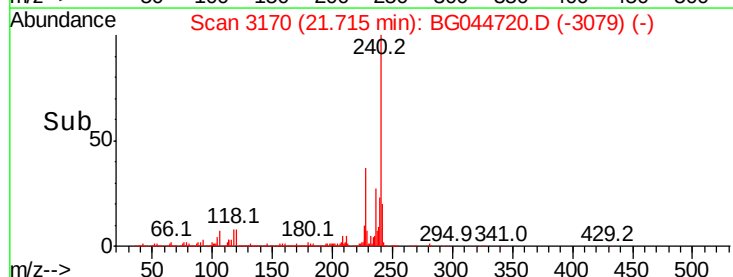
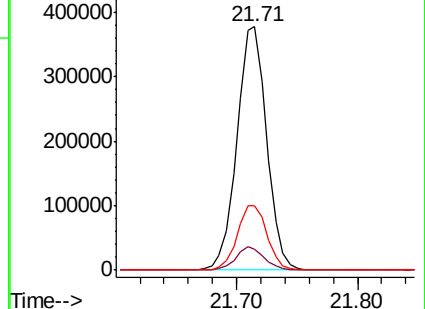
236 26.5 21.9 32.9

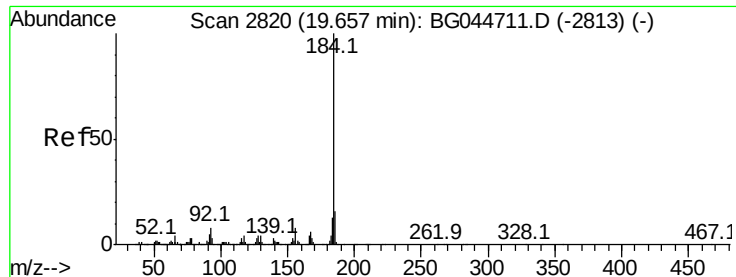


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.581 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

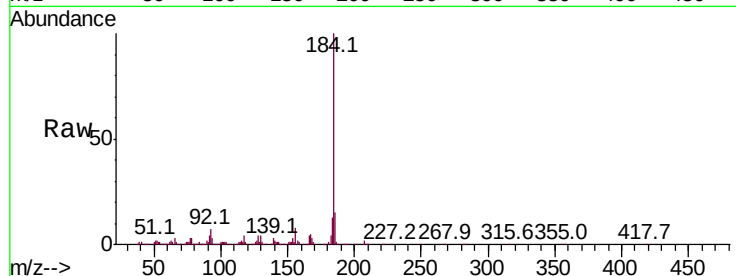
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 598766

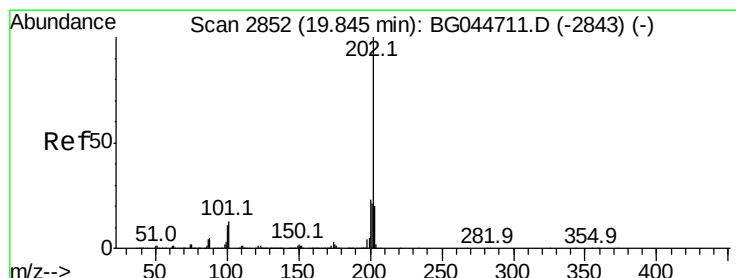
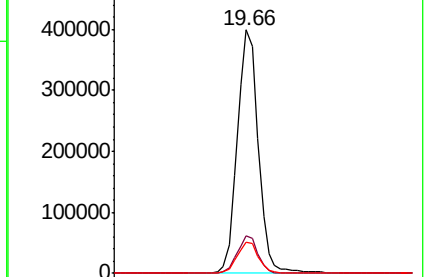
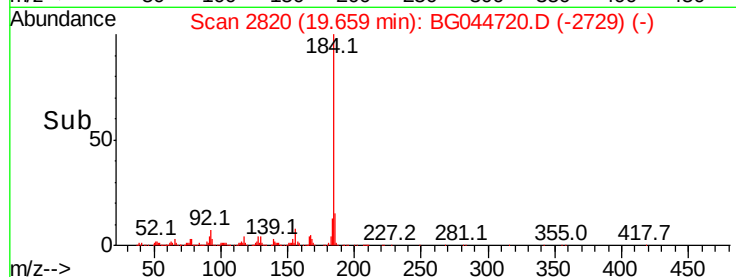
Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.9	19.3
183	12.9	10.6	15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.599 ng

RT: 19.85 min Scan# 2852

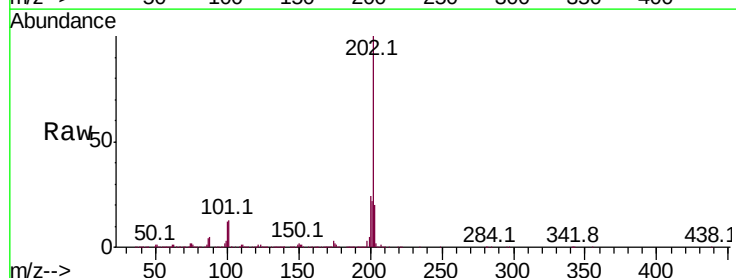
Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion:202 Resp: 1874840

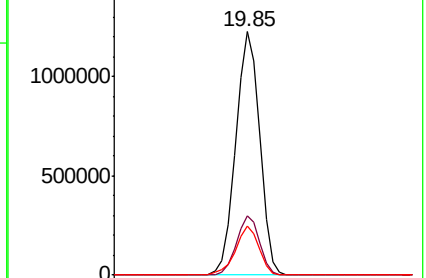
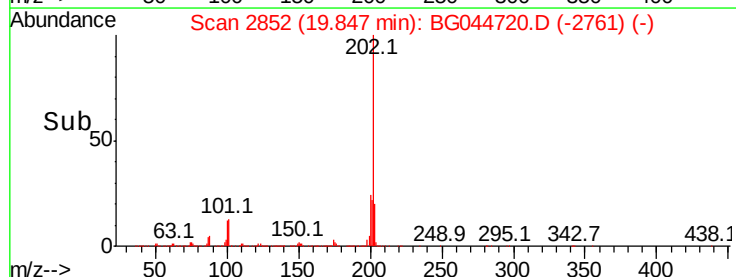
Ion	Ratio	Lower	Upper
202	100		
200	24.4	18.7	28.1
203	20.1	16.0	24.0

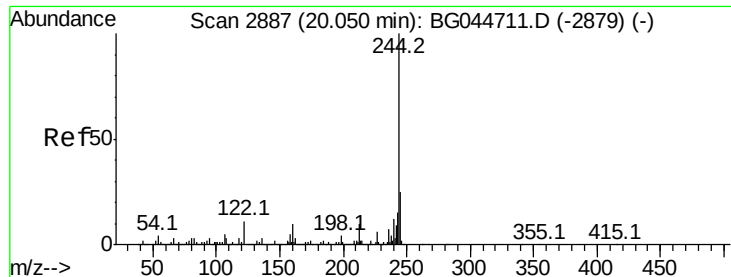


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.823 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

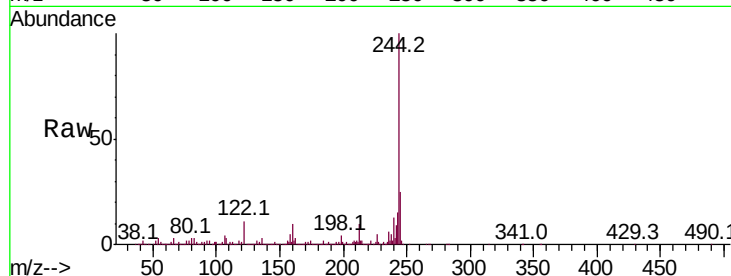
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2236363

Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.4	12.6
122	10.6	8.7	13.1

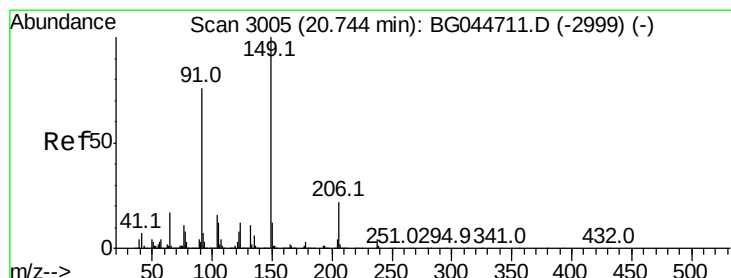
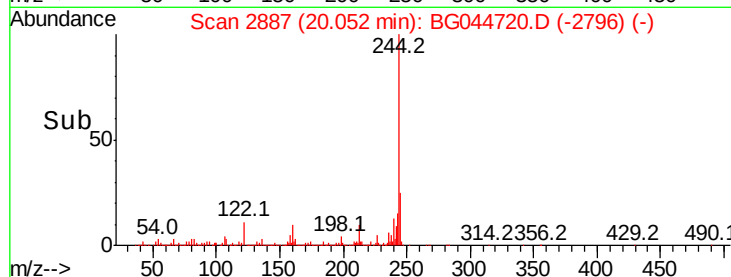


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.898 ng

RT: 20.75 min Scan# 3005

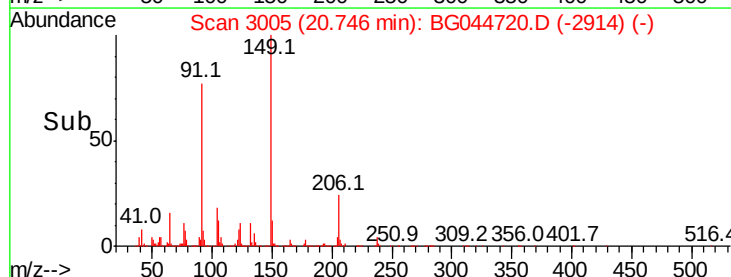
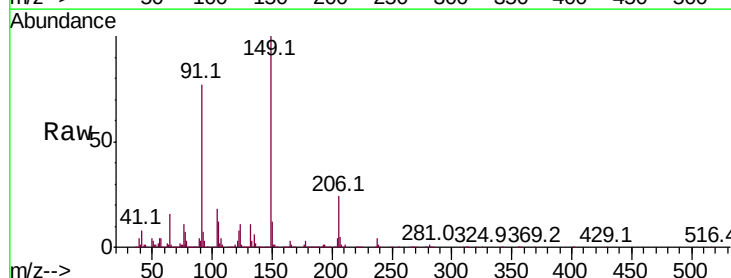
Delta R.T. 0.00 min

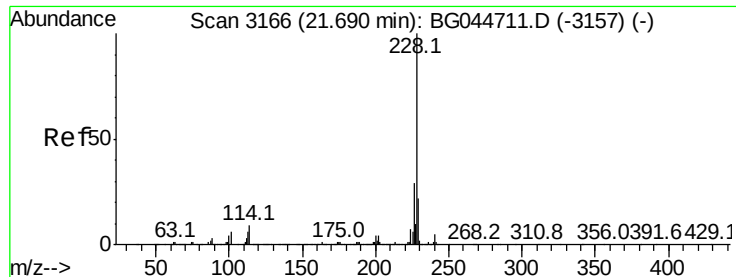
Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion:149 Resp: 819318

Ion	Ratio	Lower	Upper
149	100		
91	76.6	61.1	91.7
206	24.4	17.4	26.2





#81

Benzo(a)anthracene

Concen: 38.970 ng

RT: 21.69 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

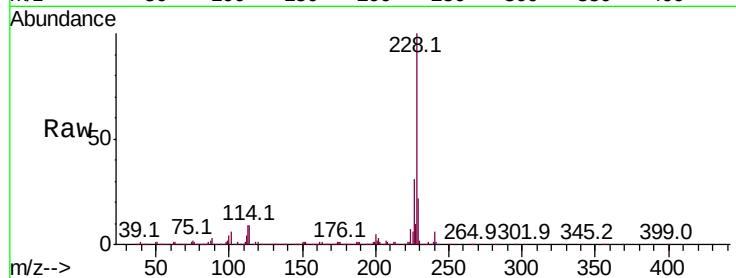
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1810890

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.5	35.3
229	22.3	17.2	25.8

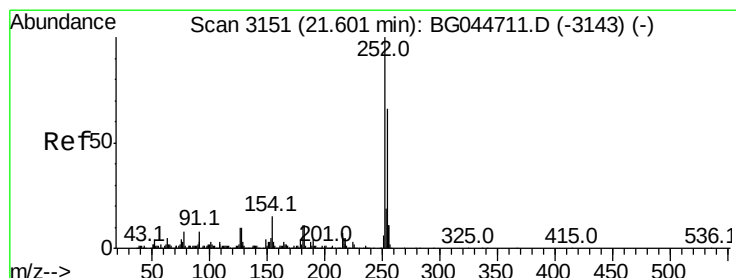
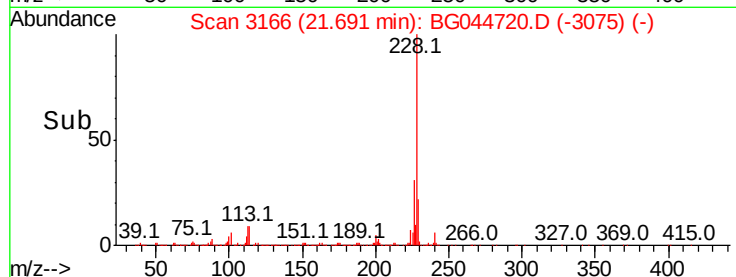
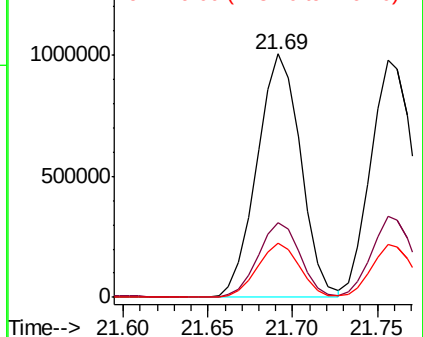


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.263 ng

RT: 21.60 min Scan# 3151

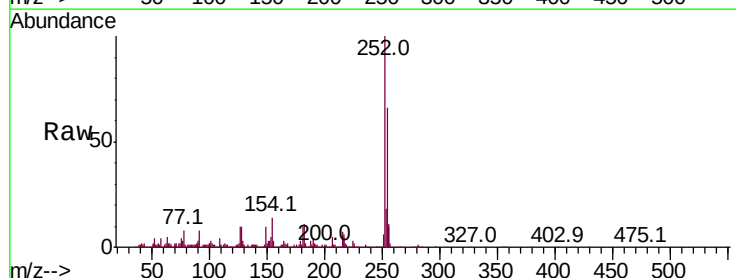
Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion:252 Resp: 597962

Ion	Ratio	Lower	Upper
252	100		
254	66.0	53.0	79.4
126	9.7	8.2	12.4

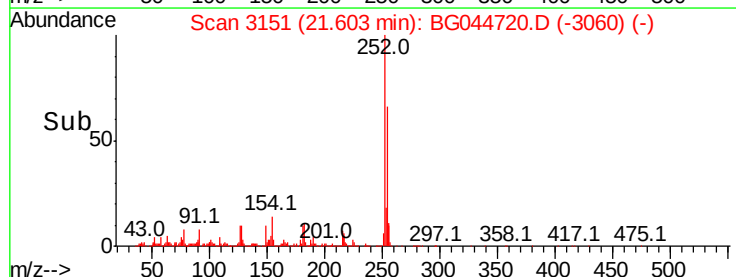
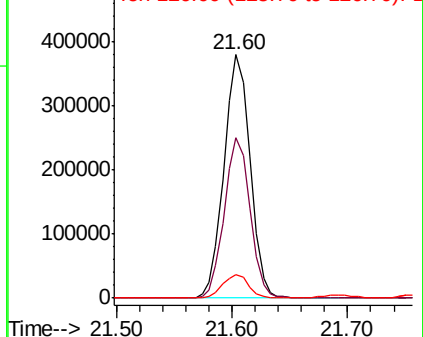


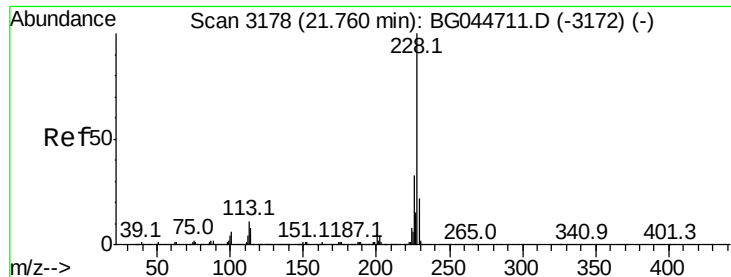
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.451 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampled :

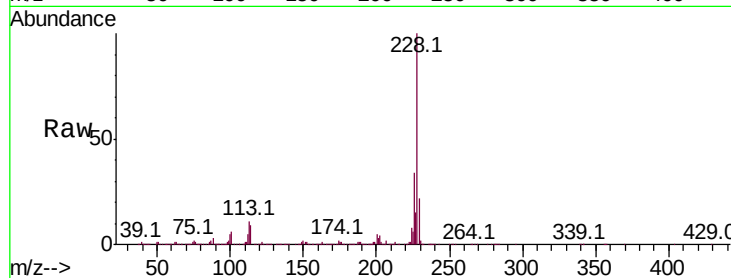
Tot Ion:228 Resp: 1706756

Ion	Ratio	Lower	Upper
228	100		
226	34.1	26.1	39.1
229	22.5	17.4	26.0

228 100

226 34.1 26.1 39.1

229 22.5 17.4 26.0

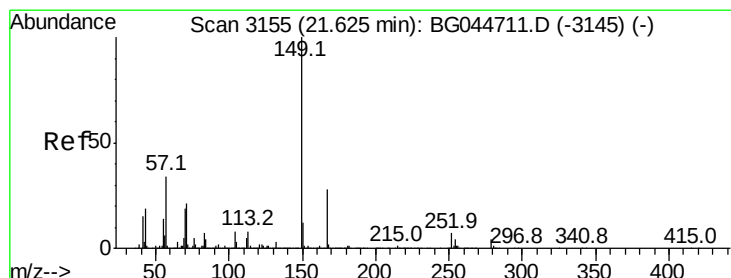
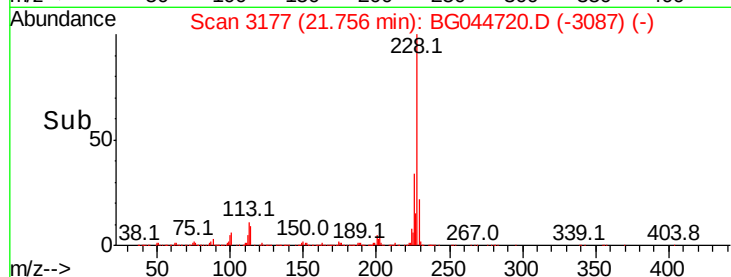
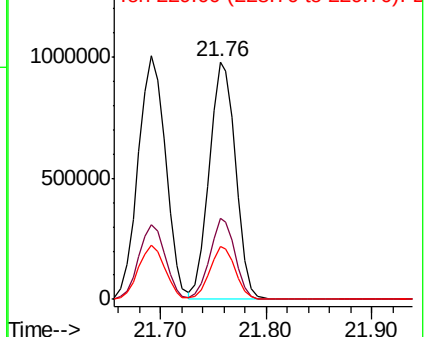


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.704 ng

RT: 21.63 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

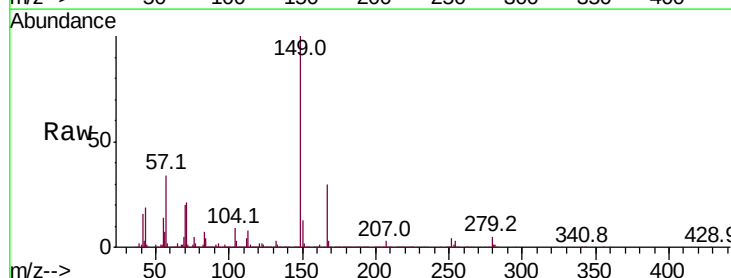
Tgt Ion:149 Resp: 1125095

Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.6	33.8
279	5.1	3.5	5.3

149 100

167 29.6 22.6 33.8

279 5.1 3.5 5.3

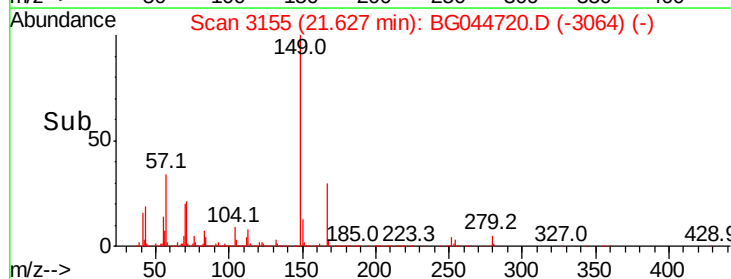
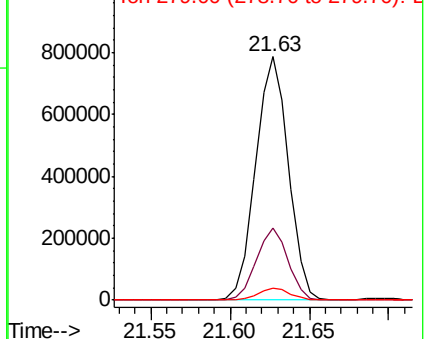


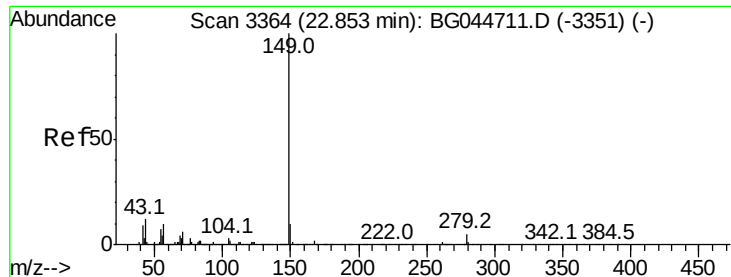
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.247 ng

RT: 22.85 min Scan# 3364

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

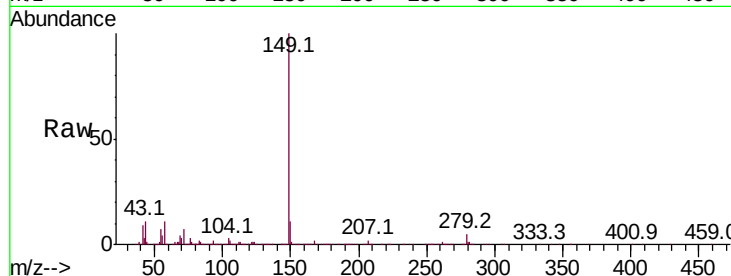
Tot Ion:149 Resp: 1957793

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

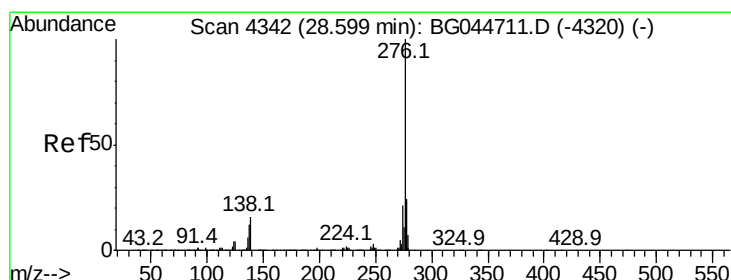
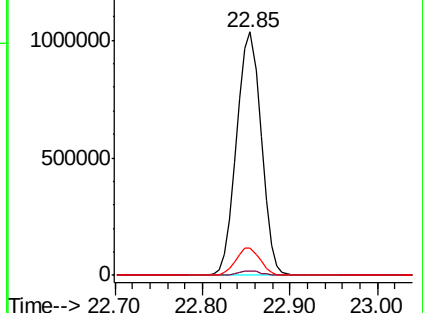
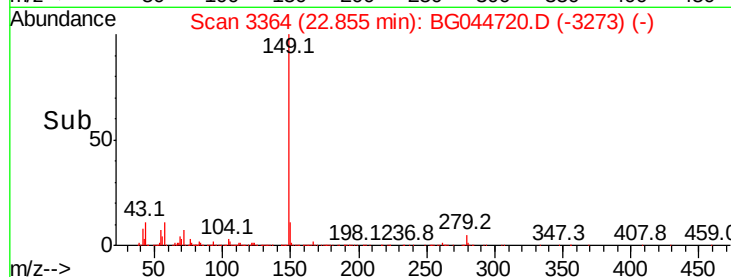
43 11.2 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.929 ng

RT: 28.60 min Scan# 4342

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

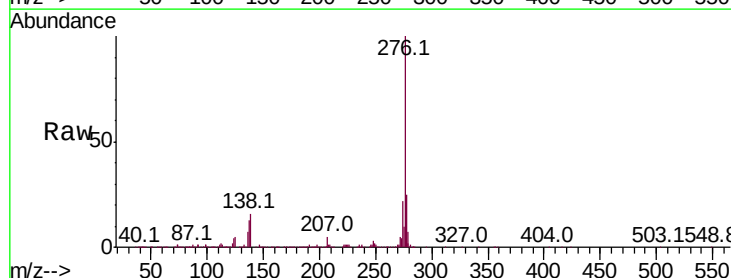
Tgt Ion:276 Resp: 2265430

Ion Ratio Lower Upper

276 100

138 14.0 10.9 16.3

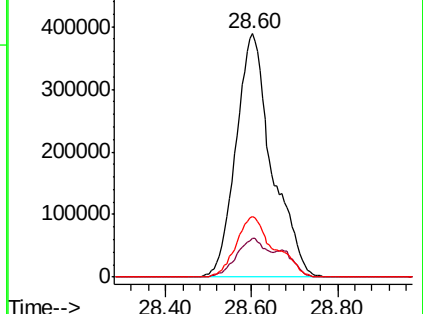
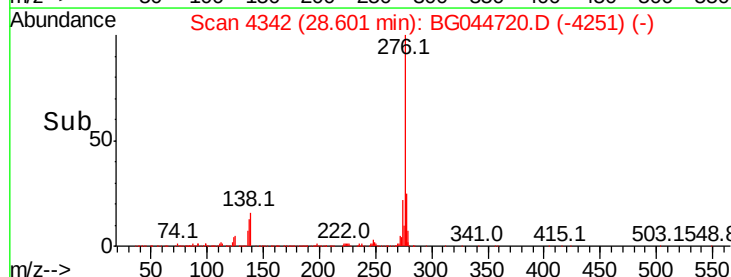
277 26.2 20.8 31.2

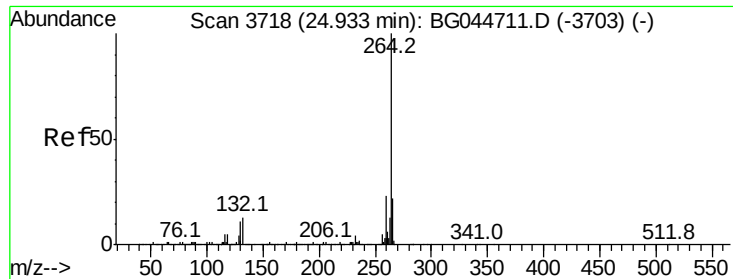


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

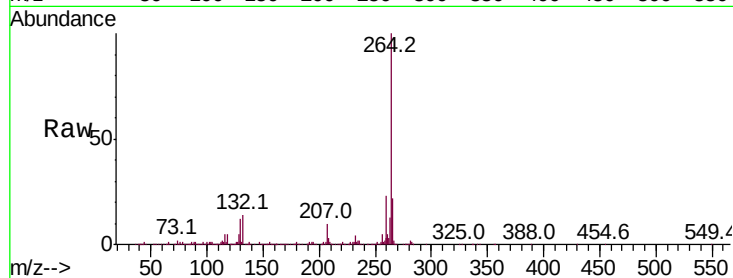
Tot Ion:264 Resp: 664852

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

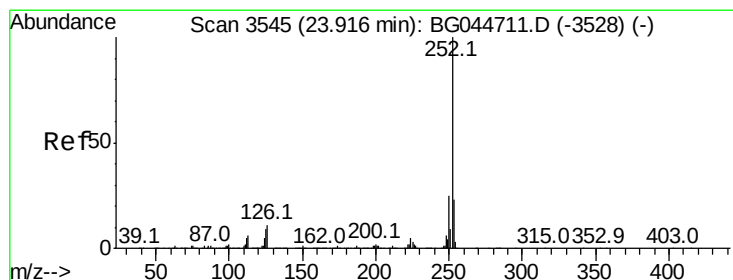
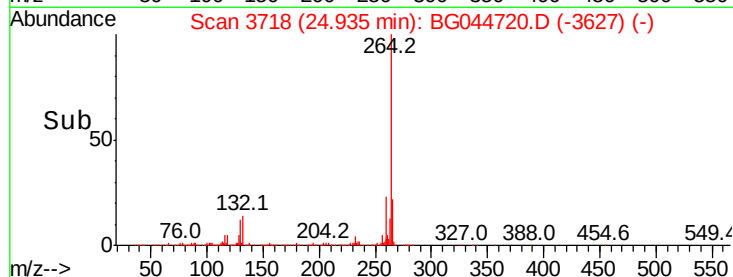
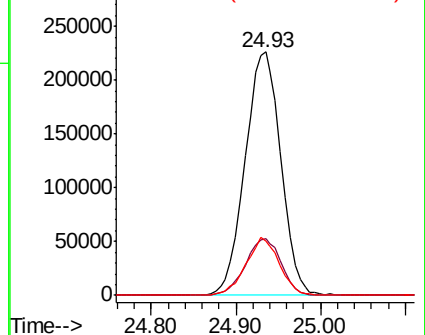
265 22.3 17.4 26.2



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: 45.342 ng

RT: 23.92 min Scan# 3545

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

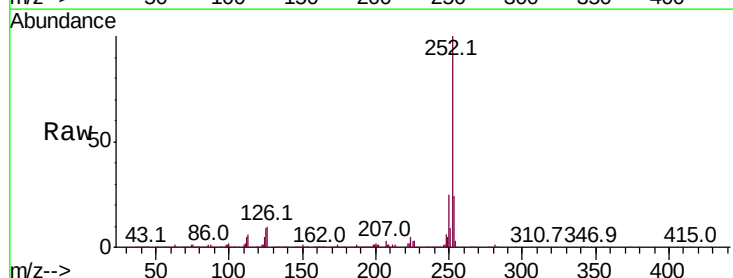
Tgt Ion:252 Resp: 1990145

Ion Ratio Lower Upper

252 100

253 24.0 18.7 28.1

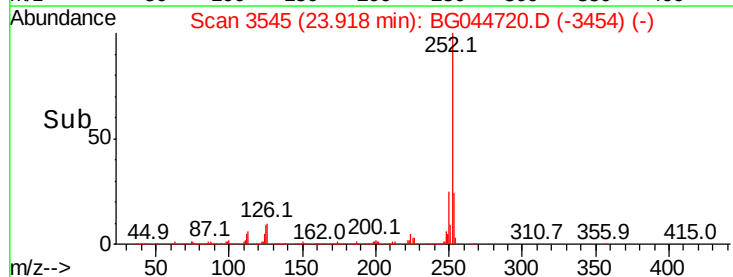
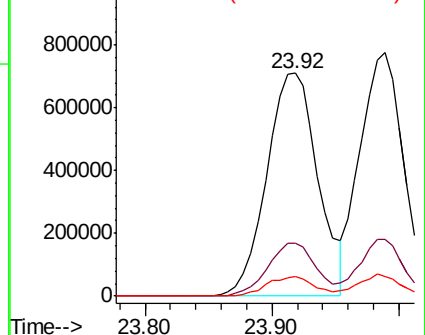
125 8.7 7.2 10.8

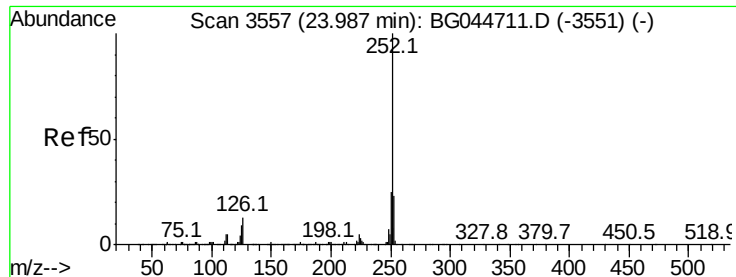


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.145 ng

RT: 23.99 min Scan# 3557

Delta R.T. 0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Instrument :

BNA_G

ClientSampleId :

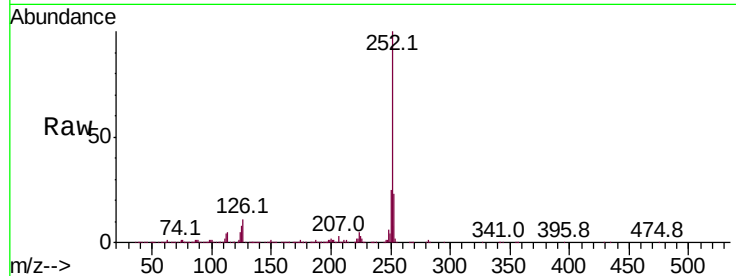
Tot Ion:252 Resp: 1833622

Ion Ratio Lower Upper

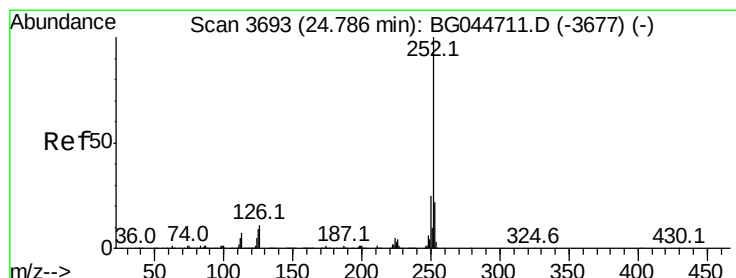
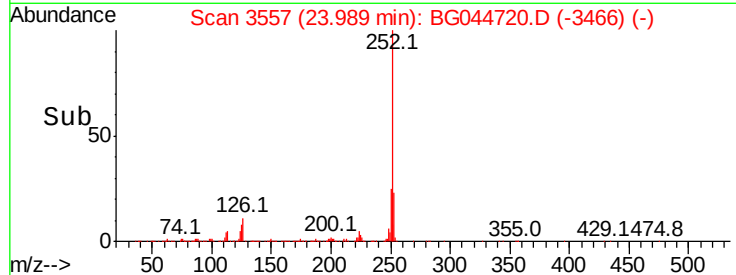
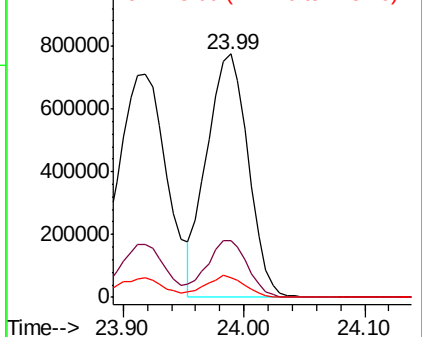
252 100

253 23.1 18.4 27.6

125 8.0 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: 43.068 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

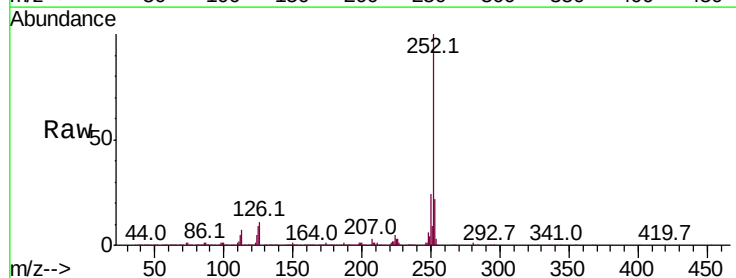
Tgt Ion:252 Resp: 1768803

Ion Ratio Lower Upper

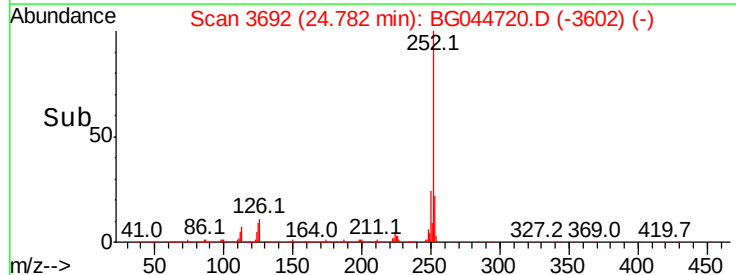
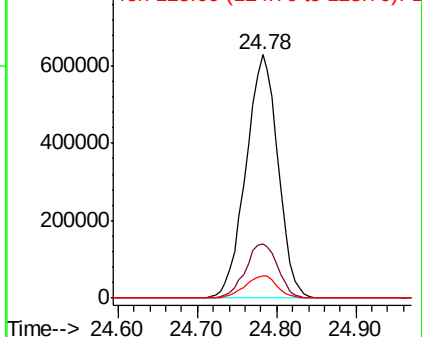
252 100

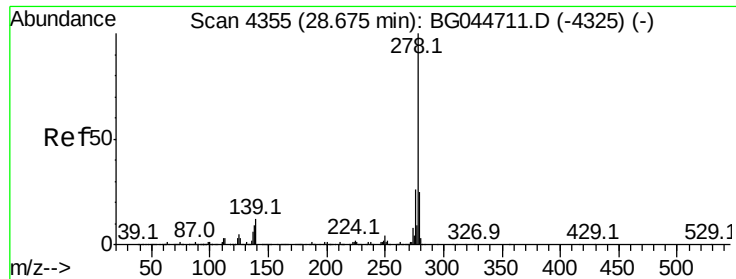
253 22.4 17.7 26.5

125 9.2 7.0 10.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.397 ng

RT: 28.67 min Scan# 4354

Delta R.T. -0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

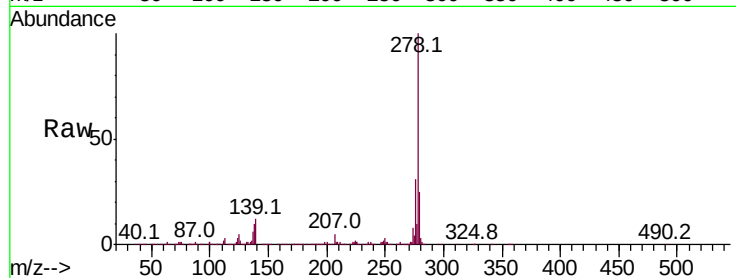
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1839413

Ion	Ratio	Lower	Upper
278	100		
139	12.5	9.9	14.9
279	24.7	20.2	30.4

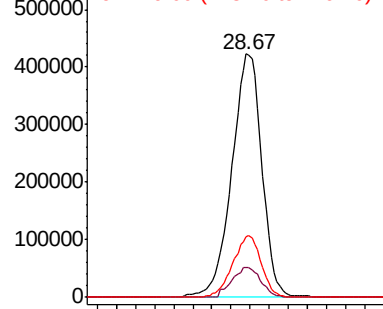


Abundance

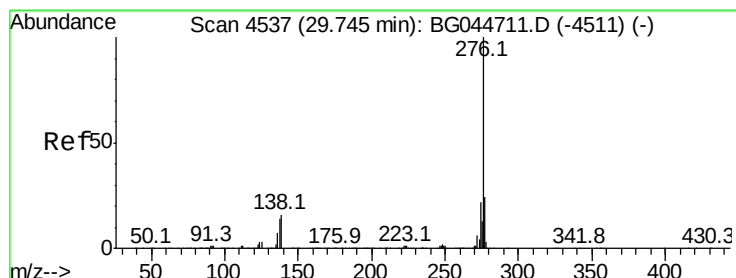
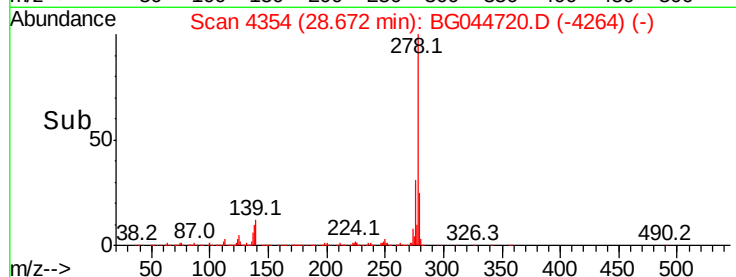
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 46.165 ng

RT: 29.74 min Scan# 4536

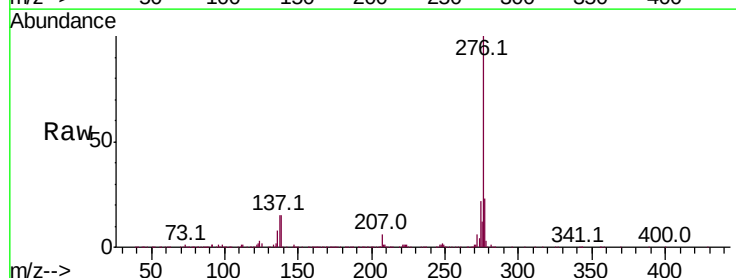
Delta R.T. -0.00 min

Lab File: BG044720.D

Acq: 11 Mar 2020 14:50

Tgt Ion:276 Resp: 1889829

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	14.8	13.0	19.4

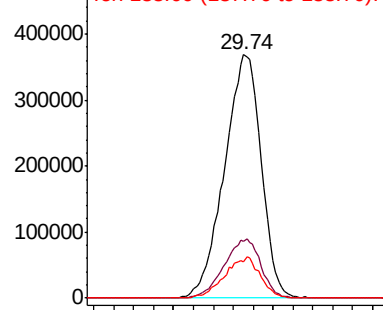


Abundance

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



Time-->

