

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
 Data File : BG044027.D
 Acq On : 14 Jan 2020 00:55
 Operator : JU
 Sample : L1103-08MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 14 10:17:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	115054	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	470822	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	298613	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	657177	20.00	ng	-0.02
76) Chrysene-d12	21.59	240	580289	20.00	ng	0.00
87) Perylene-d12	24.74	264	653887	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	890311	142.08	ng	-0.01
7) Phenol-d6	7.12	99	1228450	140.25	ng	0.00
23) Nitrobenzene-d5	9.10	82	712194	80.92	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	472515	151.21	ng	-0.02
45) 2-Fluorobiphenyl	13.21	172	1515408	91.94	ng	-0.02
79) Terphenyl-d14	19.94	244	2289532	99.31	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	121069	44.313	ng	96
3) Pyridine	3.81	79	301842	37.397	ng	93
4) n-Nitrosodimethylamine	3.72	42	156926	43.670	ng	93
6) Aniline	7.27	93	281980	24.510	ng	98
8) 2-Chlorophenol	7.51	128	378182	51.409	ng	97
9) Benzaldehyde	7.08	77	204779	36.529	ng	99
10) Phenol	7.14	94	493467	54.681	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	355582	45.646	ng	99
12) 1,3-Dichlorobenzene	7.84	146	394495	45.827	ng	99
13) 1,4-Dichlorobenzene	7.98	146	401783	47.303	ng	99
14) 1,2-Dichlorobenzene	8.30	146	375463	46.054	ng	99
15) Benzyl Alcohol	8.18	79	323804	46.841	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	481170	39.925	ng	100
17) 2-Methylphenol	8.39	107	327612	50.165	ng	99
18) Hexachloroethane	9.03	117	148879	45.046	ng	94
19) n-Nitroso-di-n-propylamine	8.75	70	276422	42.377	ng	97
20) 3+4-Methylphenols	8.72	107	447450	49.114	ng	99
22) Acetophenone	8.76	105	517256	44.191	ng	99
24) Nitrobenzene	9.15	77	395249	45.343	ng	98
25) Isophorone	9.67	82	755496	45.755	ng	100
26) 2-Nitrophenol	9.86	139	214943	52.119	ng	97
27) 2,4-Dimethylphenol	9.92	122	357124	57.527	ng	97
28) bis(2-Chloroethoxy)methane	10.15	93	474003	43.060	ng	100
29) 2,4-Dichlorophenol	10.40	162	372573	50.314	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	377316	45.444	ng	99
31) Naphthalene	10.80	128	1099362	48.252	ng	99
32) Benzoic acid	10.08	122	207042	41.873	ng	95
33) 4-Chloroaniline	10.90	127	106433	9.794	ng	98
34) Hexachlorobutadiene	11.10	225	221034	43.602	ng	96
35) Caprolactam	11.67	113	93054	33.756	ng	93
36) 4-Chloro-3-methylphenol	12.03	107	396567	50.306	ng	98
37) 2-Methylnaphthalene	12.41	142	811602	47.315	ng	97
38) 1-Methylnaphthalene	12.62	142	769314	47.322	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	386403	44.148	ng	99

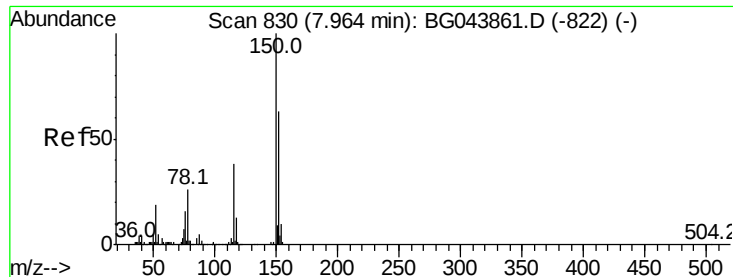
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
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 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	499332	110.044	nq	98
43) 2,4,6-Trichlorophenol	13.01	196	299734	49.770	nq	97
44) 2,4,5-Trichlorophenol	13.09	196	323180	52.031	nq	98
46) 1,1'-Biphenyl	13.41	154	1014383	47.379	nq	99
47) 2-Chloronaphthalene	13.45	162	800916	46.294	nq	99
48) 2-Nitroaniline	13.65	65	249375	44.810	nq	97
49) Acenaphthylene	14.30	152	1264784	50.863	nq	99
50) Dimethylphthalate	14.03	163	1172048	55.278	nq	100
51) 2,6-Dinitrotoluene	14.15	165	236945	49.443	nq	99
52) Acenaphthene	14.65	154	791381	45.382	nq	100
53) 3-Nitroaniline	14.48	138	110546	20.313	nq	99
54) 2,4-Dinitrophenol	14.68	184	271080	108.906	nq	96
55) Dibenzofuran	14.98	168	1204317	50.167	nq	99
56) 4-Nitrophenol	14.80	139	470874	112.912	nq	93
57) 2,4-Dinitrotoluene	14.94	165	338711	51.943	nq	99
58) Fluorene	15.63	166	947300	49.787	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	286175	53.580	nq	96
60) Diethylphthalate	15.40	149	1034817	48.796	nq	100
61) 4-Chlorophenyl-phenylether	15.62	204	493684	47.783	nq	98
62) 4-Nitroaniline	15.64	138	252418	46.969	nq	96
63) Azobenzene	15.91	77	956075	48.613	nq	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	201421	58.437	nq	96
66) n-Nitrosodiphenylamine	15.83	169	905790	46.804	nq	99
67) 4-Bromophenyl-phenylether	16.51	248	325089	43.983	nq	97
68) Hexachlorobenzene	16.64	284	355367	44.620	nq	98
69) Atrazine	16.78	200	355452	56.504	nq	98
70) Pentachlorophenol	16.98	266	446374	101.672	nq	99
71) Phenanthrene	17.37	178	1516007	48.094	nq	99
72) Anthracene	17.45	178	1565265	50.246	nq	100
73) Carbazole	17.72	167	1456767	50.625	nq	98
74) Di-n-butylphthalate	18.29	149	1764690	48.032	nq	99
75) Fluoranthene	19.37	202	1761262	48.857	nq	99
77) Benzidine	19.55	184	798621	54.753	nq	98
78) Pyrene	19.73	202	1771327	46.764	nq	99
80) Butylbenzylphthalate	20.63	149	852389	47.268	nq	97
81) Benzo(a)anthracene	21.56	228	1720820	47.824	nq	99
82) 3,3'-Dichlorobenzidine	21.47	252	351066	24.696	nq	99
83) Chrysene	21.63	228	1723585	50.412	nq	96
84) Bis(2-ethylhexyl)phthalate	21.48	149	1187921	47.741	nq	100
85) Di-n-octyl phthalate	22.67	149	2065714	49.382	nq	98
86) Indeno(1,2,3-cd)pyrene	28.32	276	1032473	22.221	nq	# 73
88) Benzo(b)fluoranthene	23.72	252	1823421	47.170	nq	99
89) Benzo(k)fluoranthene	23.80	252	1852035	50.383	nq	99
90) Benzo(a)pyrene	24.59	252	1721801	47.192	nq	98
91) Dibenzo(a,h)anthracene	28.41	278	1797092	49.045	nq	98
92) Benzo(g,h,i)perylene	29.53	276	1794687	49.309	nq	98

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

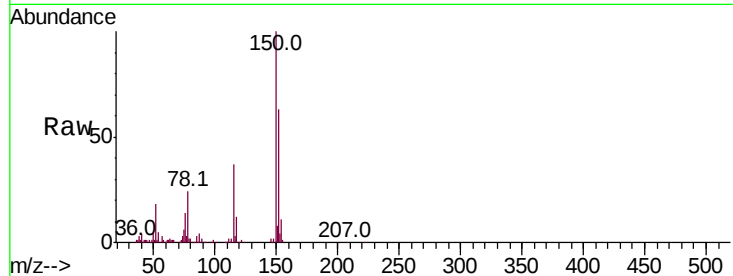


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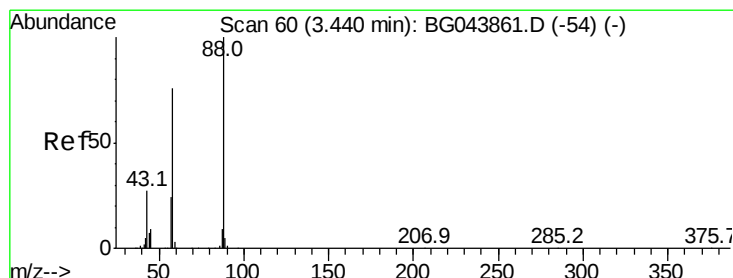
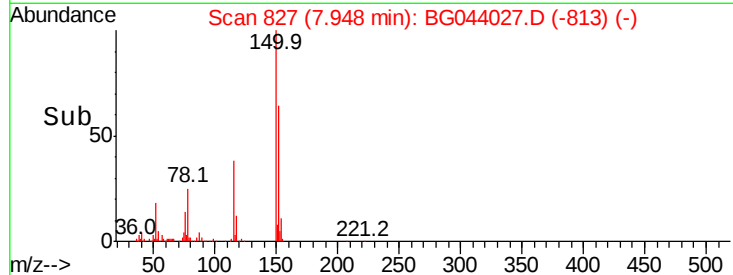
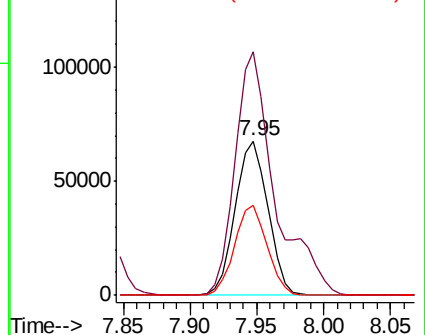
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	127.0	190.4
115	58.8	47.8	71.8



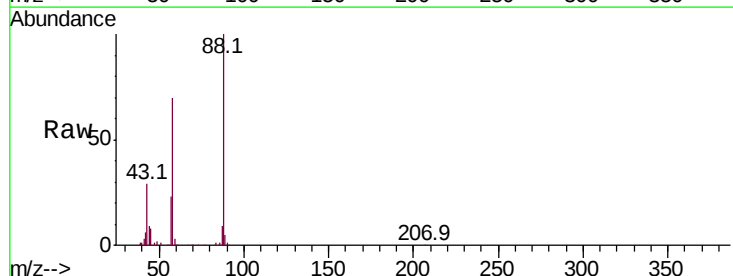
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



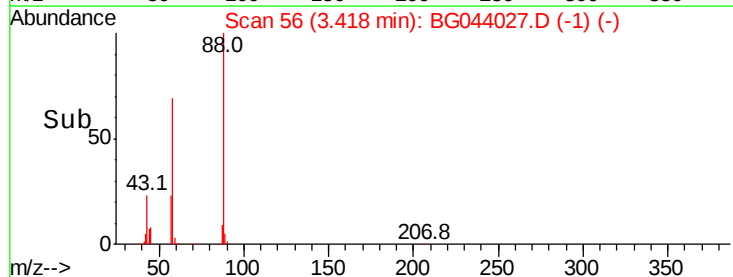
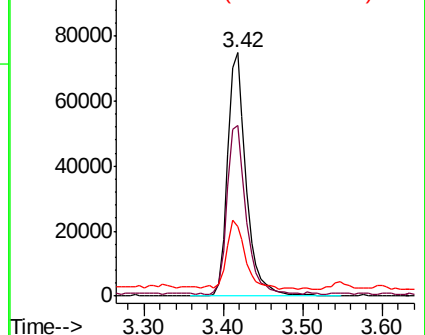
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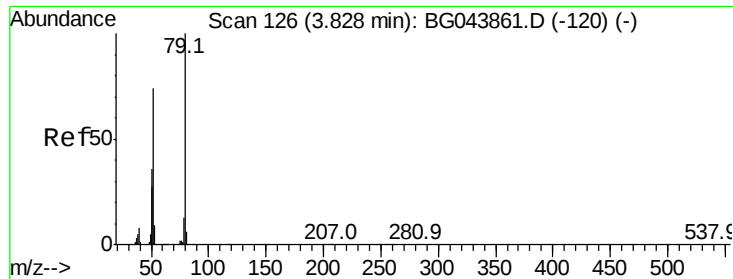
1,4-Dioxane
Concen: 44.313 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.5	59.8	89.8
43	29.3	22.9	34.3



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: 37.397 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Instrument :

BNA_G

ClientSampleId :

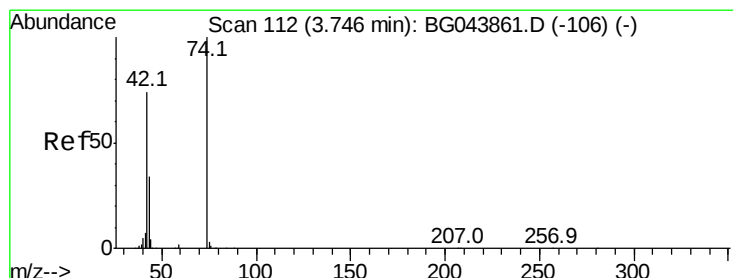
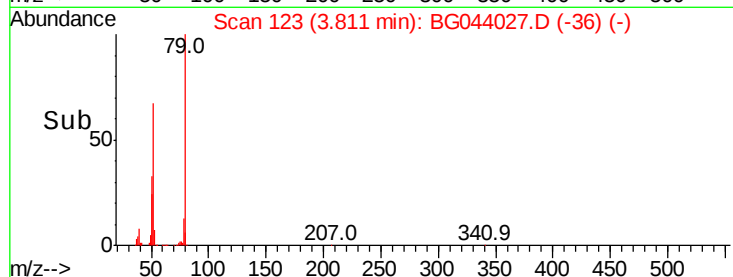
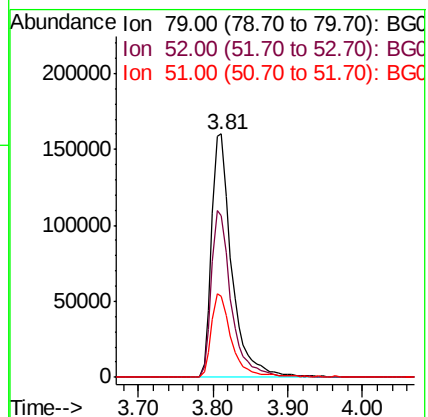
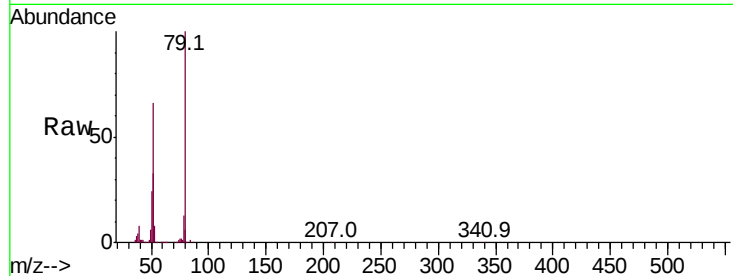
Tot Ion: 79 Resp: 301842

Ion Ratio Lower Upper

79 100

52 66.4 58.9 88.3

51 33.3 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 43.670 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

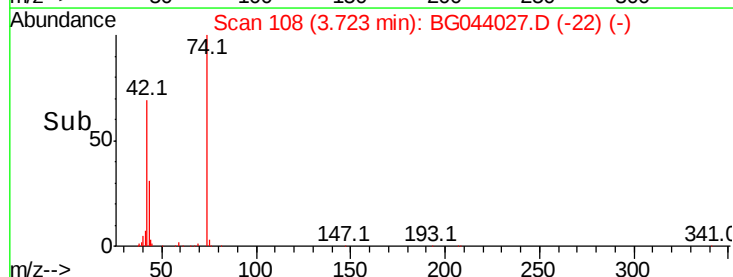
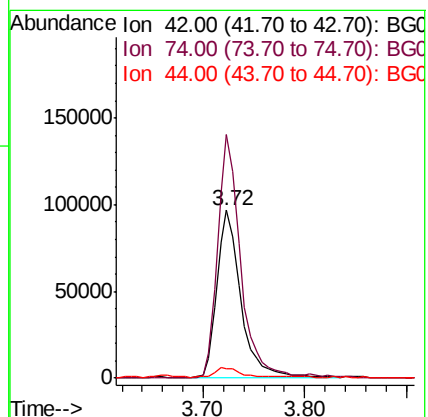
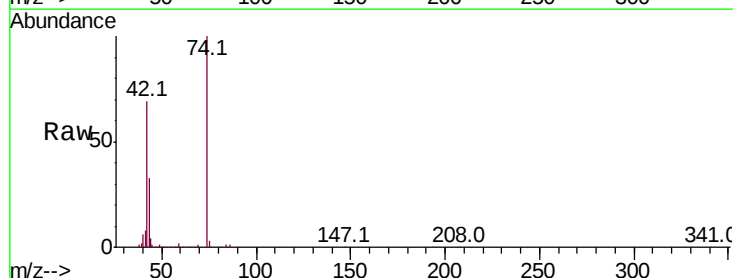
Tgt Ion: 42 Resp: 156926

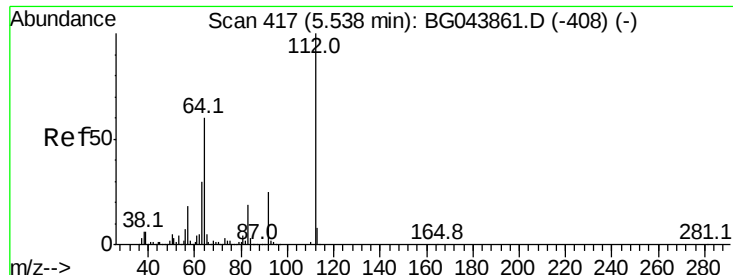
Ion Ratio Lower Upper

42 100

74 145.0 108.6 162.8

44 5.9 5.0 7.6





#5

2-Fluorophenol

Concen: 142.083 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Instrument :

BNA_G

ClientSampleId :

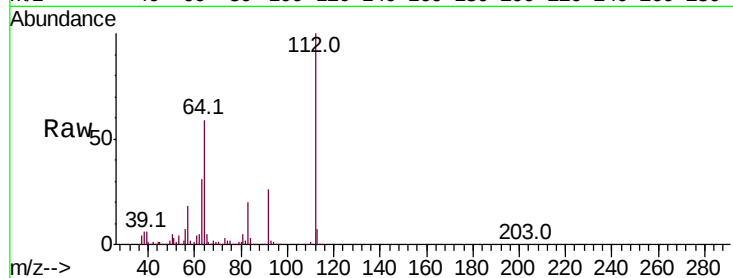
Tot Ion:112 Resp: 890311

Ion Ratio Lower Upper

112 100

64 58.7 47.8 71.6

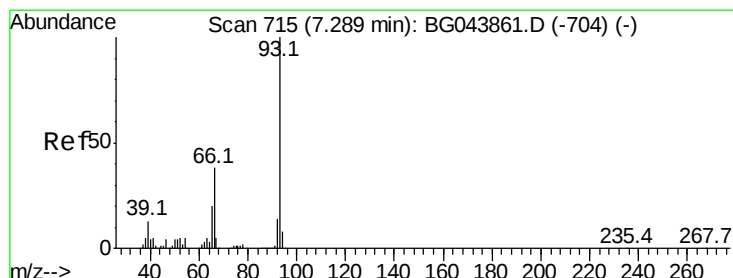
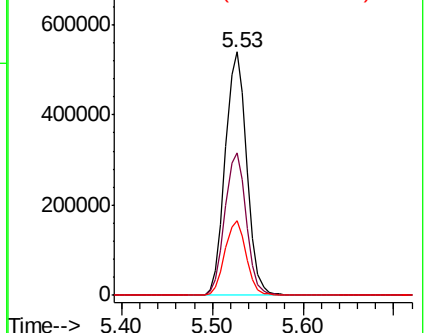
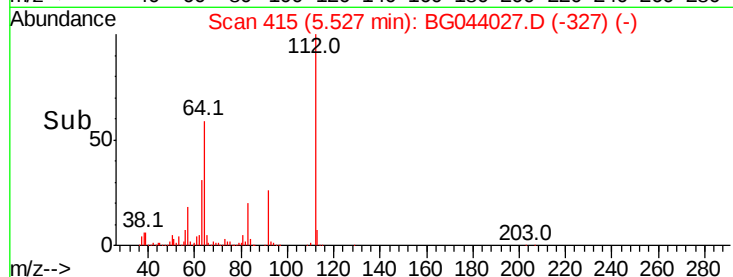
63 30.7 24.3 36.5



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: 24.510 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

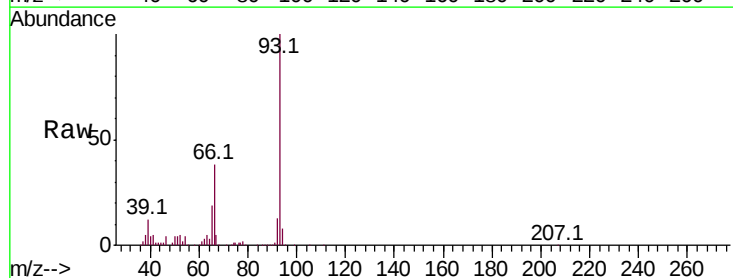
Tgt Ion: 93 Resp: 281980

Ion Ratio Lower Upper

93 100

66 37.6 30.8 46.2

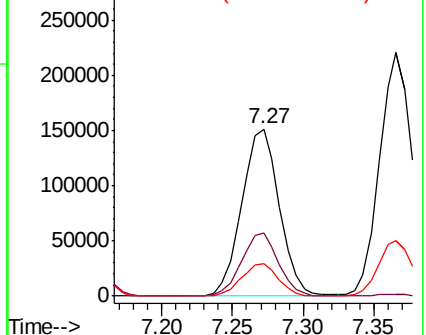
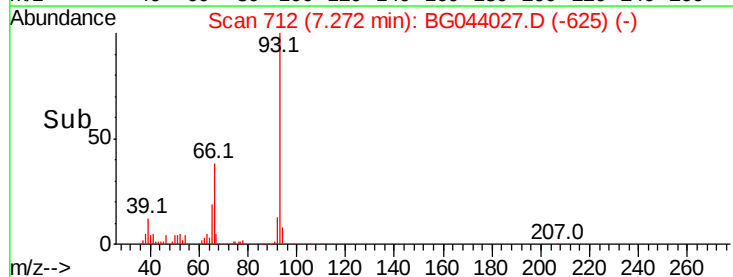
65 19.1 16.0 24.0

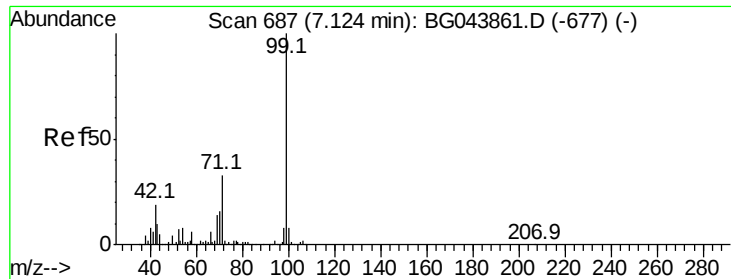


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 140.251 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

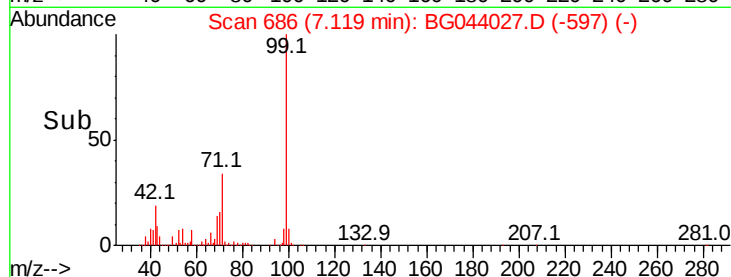
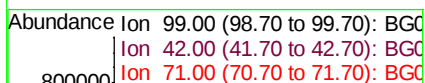
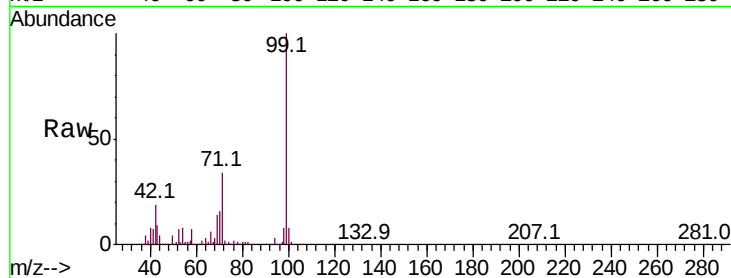
Instrument :

BNA_G

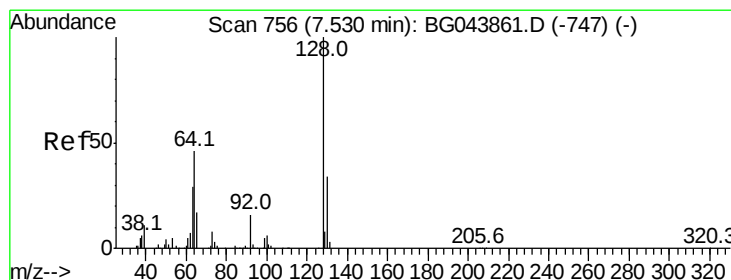
ClientSampleId :

Tot Ion: 99 Resp: 1228450

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.9	22.3
71	33.9	26.4	39.6



Time-->



#8

2-Chlorophenol

Concen: 51.409 ng

RT: 7.51 min Scan# 753

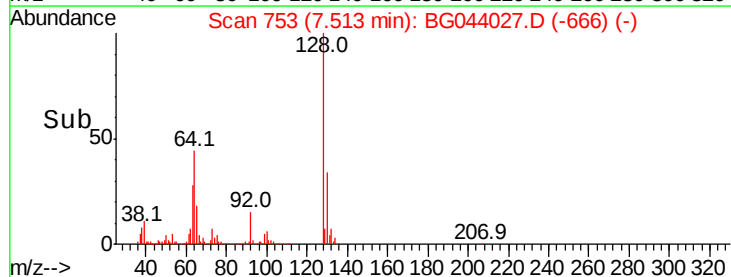
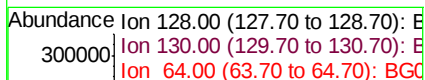
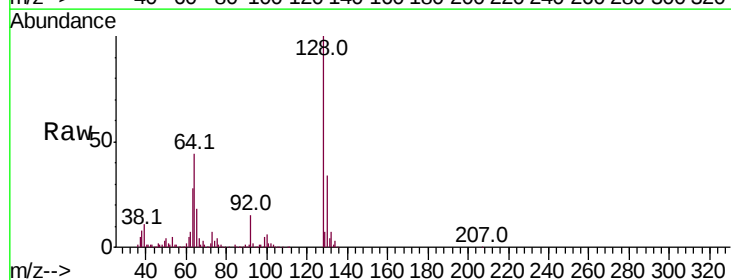
Delta R.T. -0.02 min

Lab File: BG044027.D

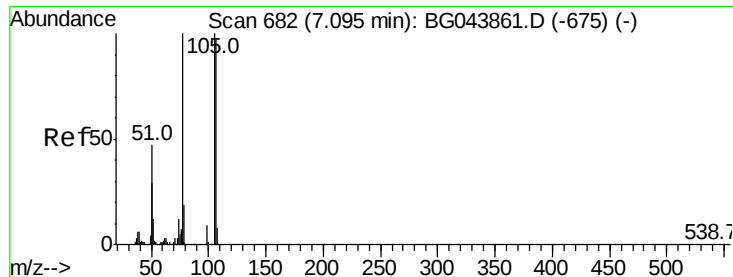
Acq: 14 Jan 2020 00:55

Tgt Ion: 128 Resp: 378182

Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.8	53.8
64	44.3	27.6	67.6



Time-->



#9

Benzaldehyde

Concen: 36.529 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Instrument :

BNA_G

ClientSampleId :

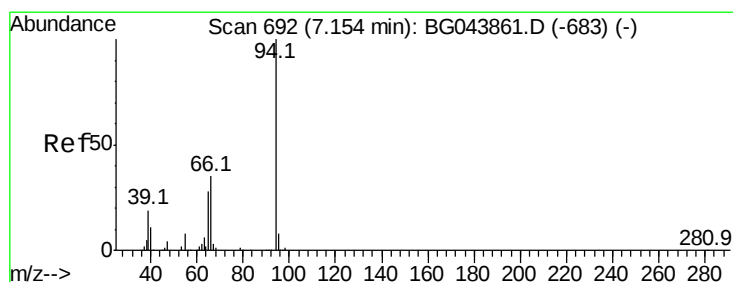
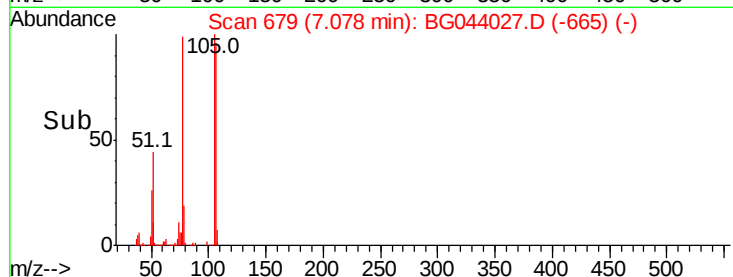
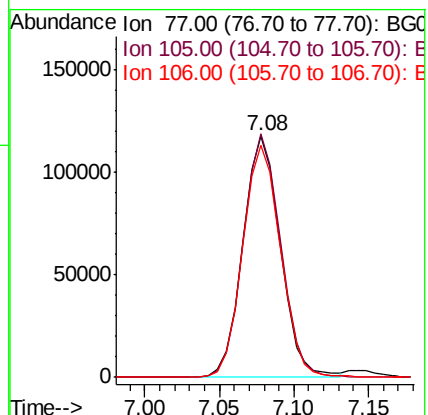
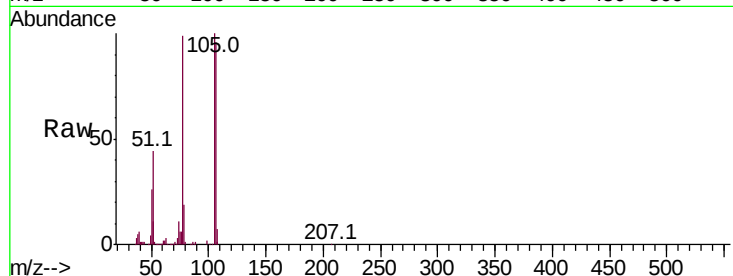
Tot Ion: 77 Resp: 204779

Ion Ratio Lower Upper

77 100

105 101.0 80.2 120.2

106 96.5 77.2 117.2



#10

Phenol

Concen: 54.681 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

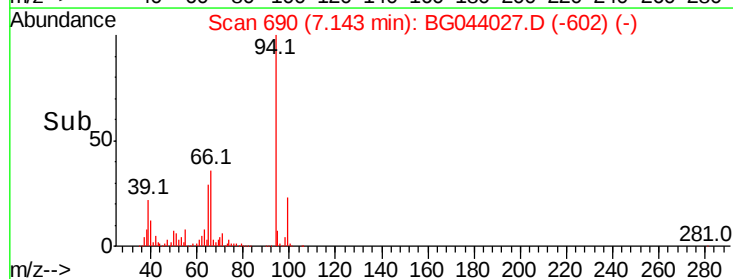
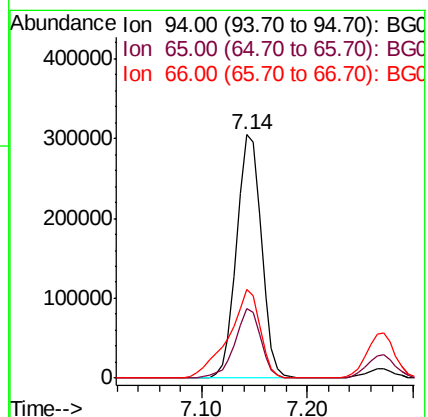
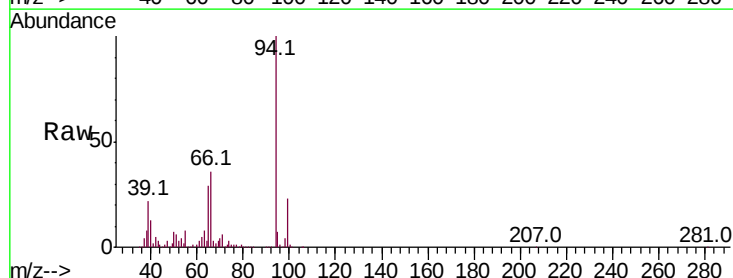
Tgt Ion: 94 Resp: 493467

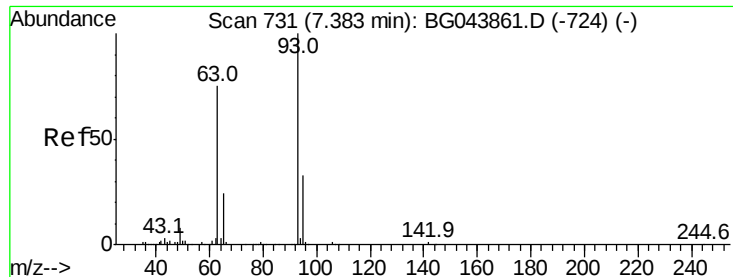
Ion Ratio Lower Upper

94 100

65 28.7 8.1 48.1

66 36.4 15.6 55.6

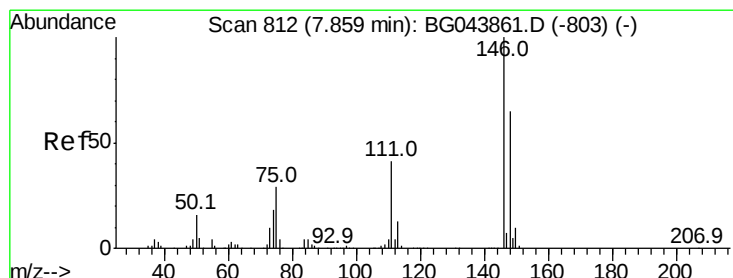
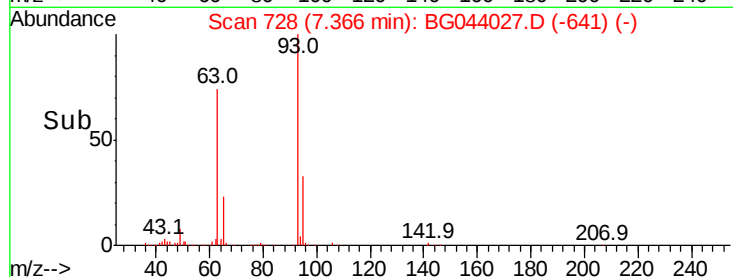
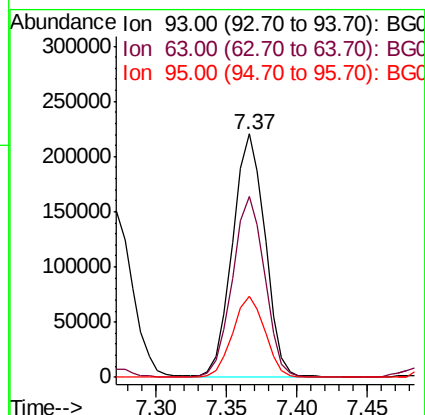
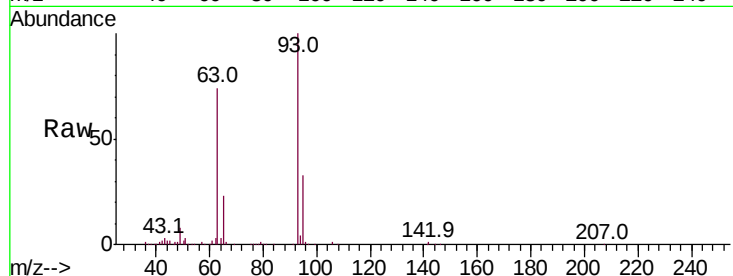




#11
bis(2-Chloroethyl)ether
Concen: 45.646 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

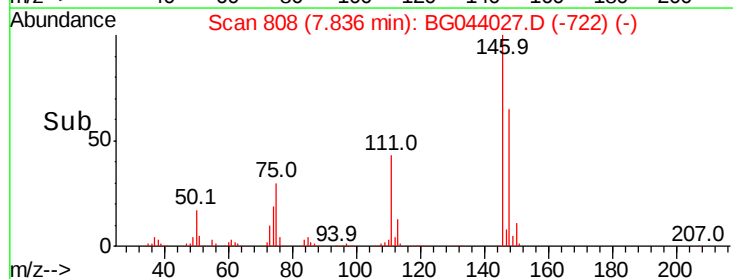
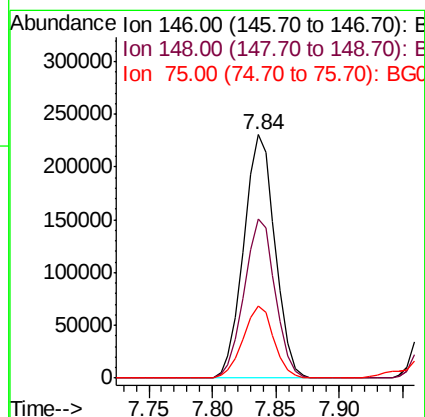
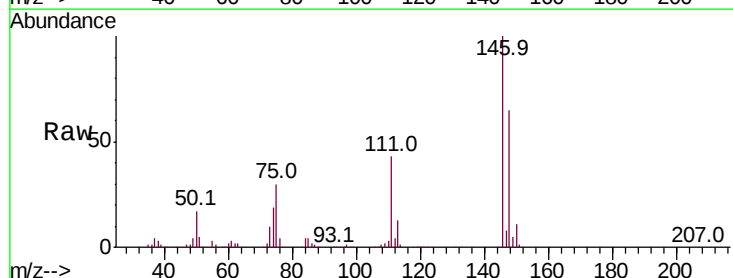
Instrument :
BNA_G
ClientSampleId :

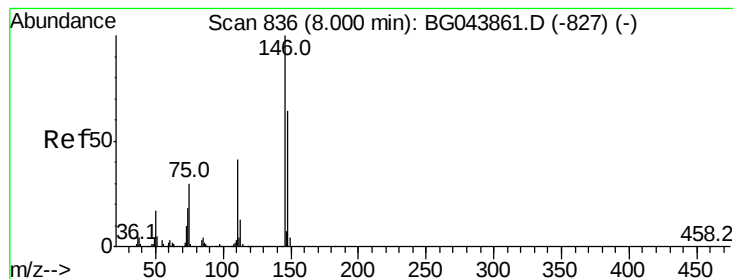
Tot Ion: 93 Resp: 355582
Ion Ratio Lower Upper
93 100
63 74.3 55.0 95.0
95 33.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 45.827 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Tgt Ion: 146 Resp: 394495
Ion Ratio Lower Upper
146 100
148 65.1 52.1 78.1
75 29.6 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 47.303 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Instrument :

BNA_G

ClientSampleId :

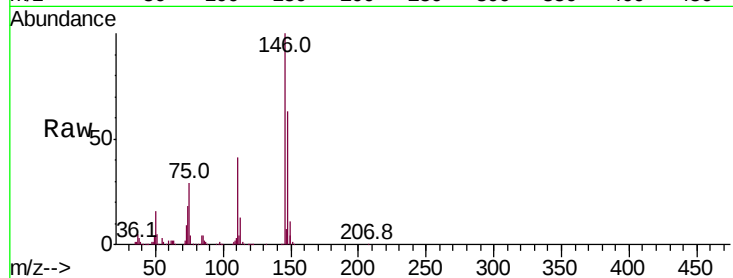
Tot Ion:146 Resp: 401783

Ion Ratio Lower Upper

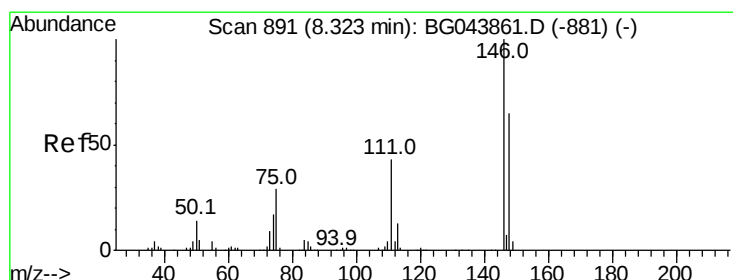
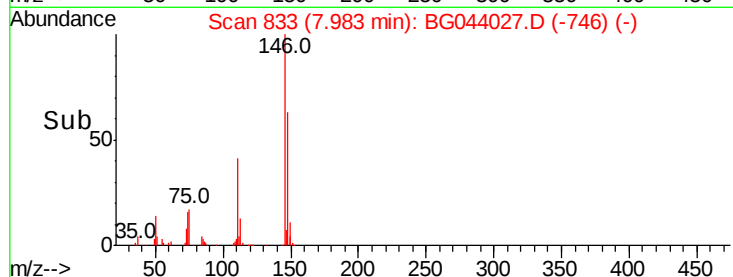
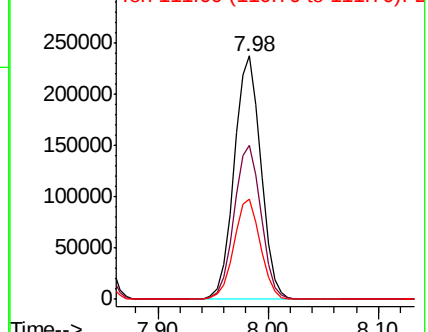
146 100

148 63.2 51.2 76.8

111 41.0 33.1 49.7



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: 46.054 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

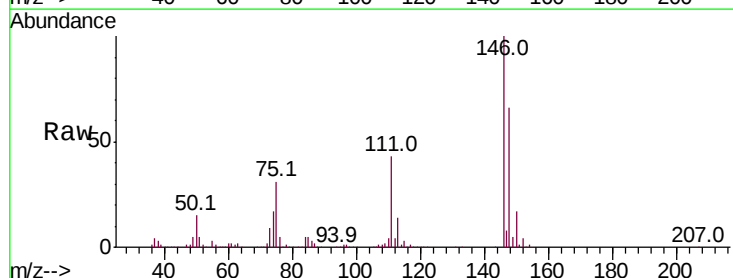
Tgt Ion:146 Resp: 375463

Ion Ratio Lower Upper

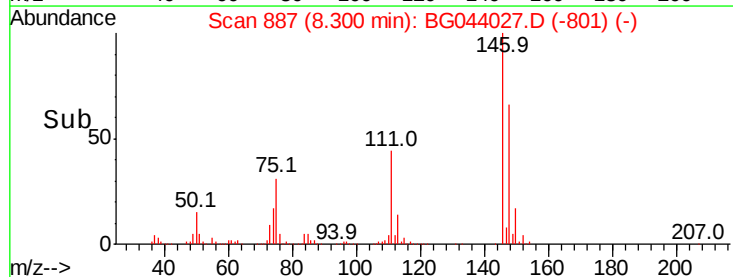
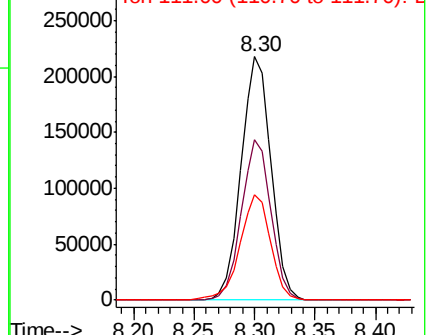
146 100

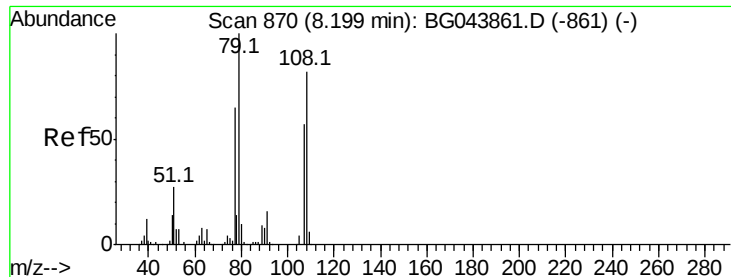
148 65.7 51.7 77.5

111 43.5 34.4 51.6



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: 46.841 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Instrument :

BNA_G

ClientSampleId :

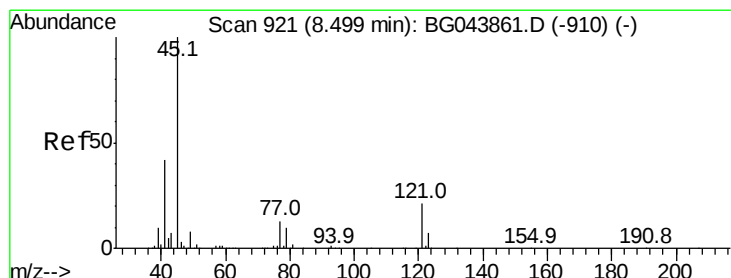
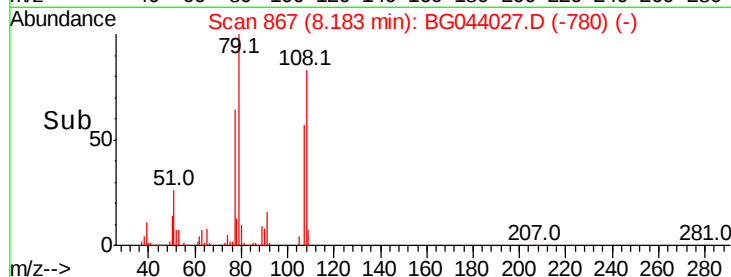
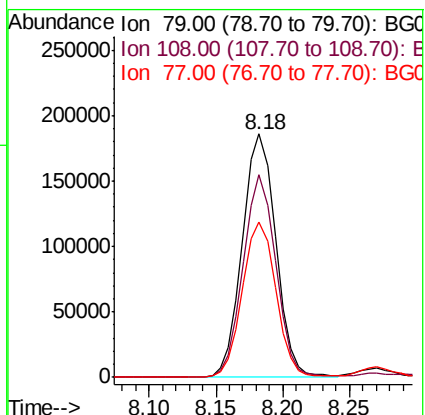
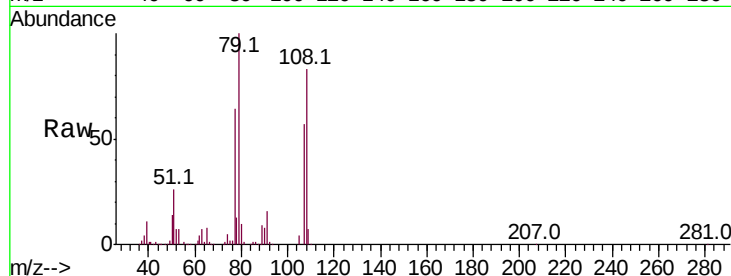
Tot Ion: 79 Resp: 323804

Ion Ratio Lower Upper

79 100

108 83.1 65.6 98.4

77 63.8 52.0 78.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.925 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

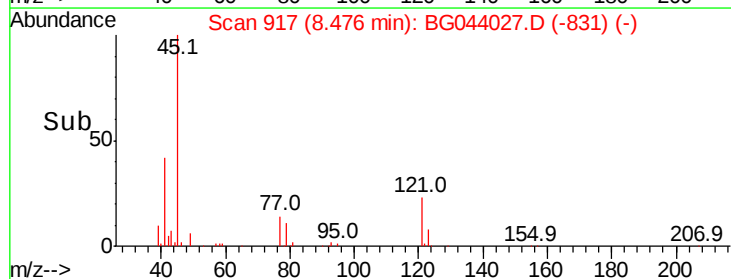
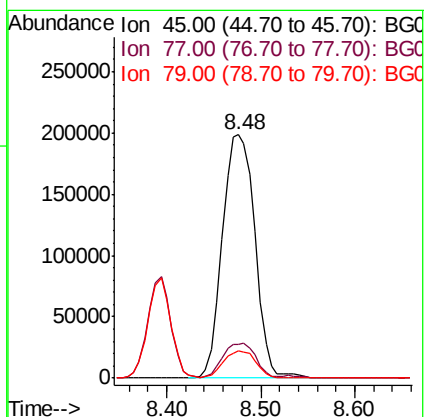
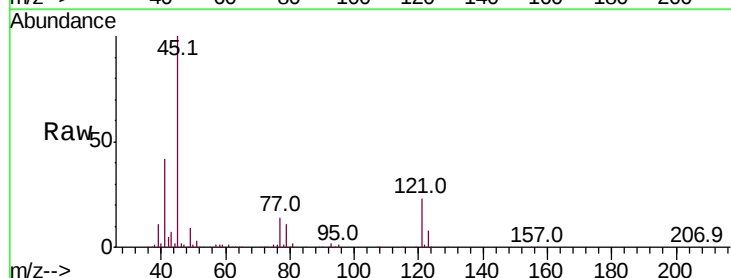
Tgt Ion: 45 Resp: 481170

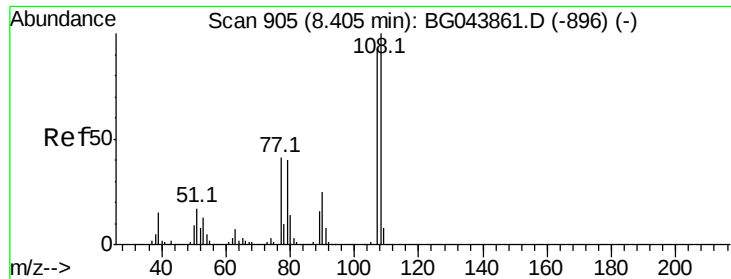
Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.8

79 11.2 0.0 31.0

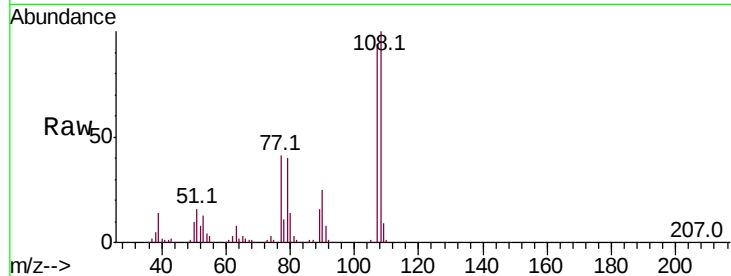




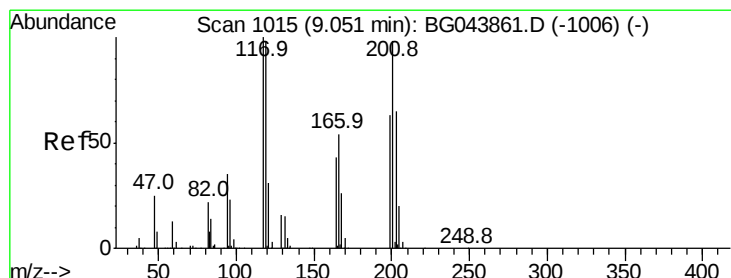
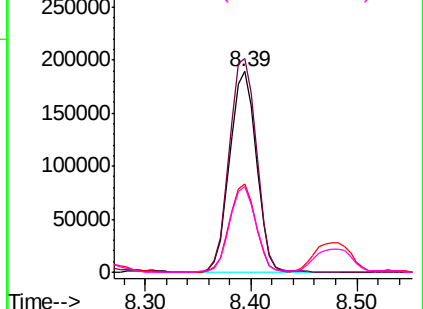
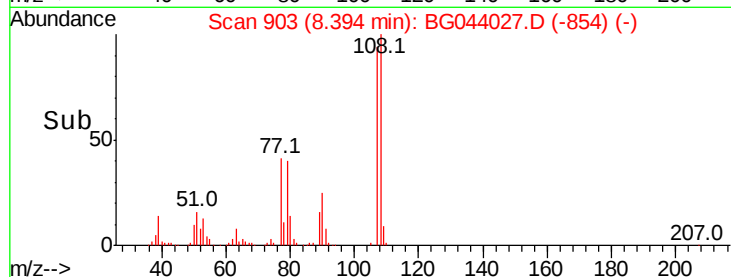
#17
2-Methylphenol
Concen: 50.165 ng
RT: 8.39 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 327612
Ion Ratio Lower Upper
107 100
108 106.4 86.1 129.1
77 43.8 35.4 53.0
79 43.0 34.8 52.2

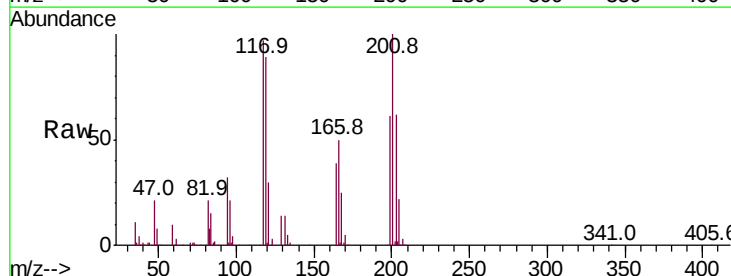


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

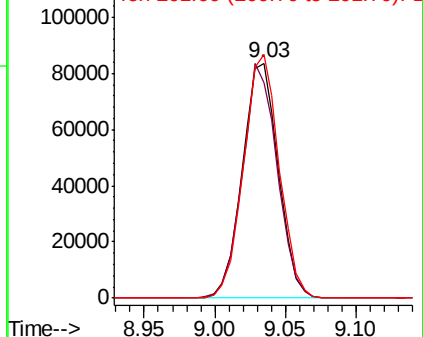
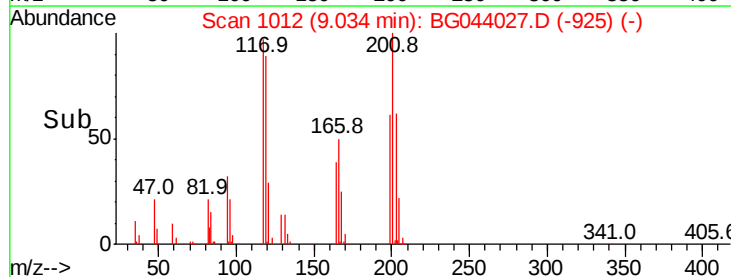


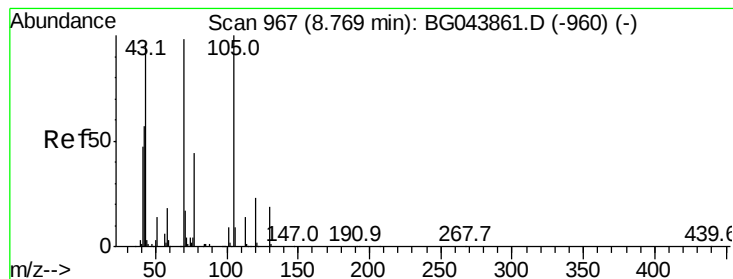
#18
Hexachloroethane
Concen: 45.046 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Tgt Ion:117 Resp: 148879
Ion Ratio Lower Upper
117 100
119 91.9 78.1 117.1
201 103.6 78.6 117.8



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





#19

n-Nitroso-di-n-propylamine

Concen: 42.377 ng

RT: 8.75 min Scan# 964

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 276422

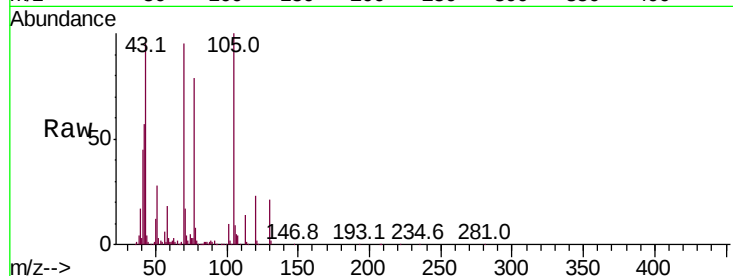
Ion Ratio Lower Upper

70 100

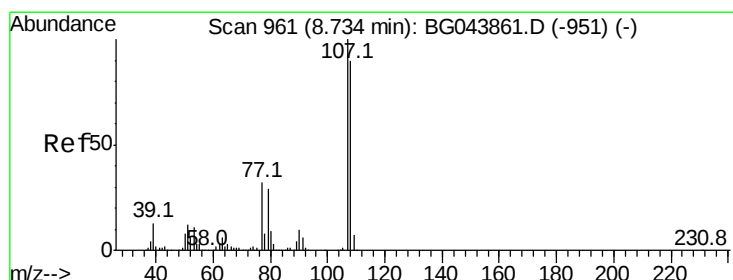
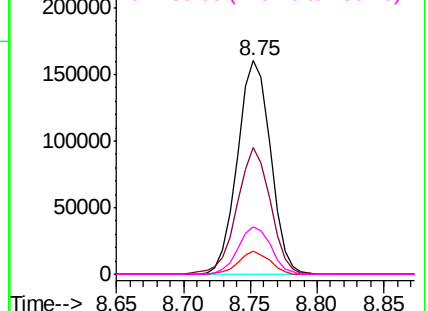
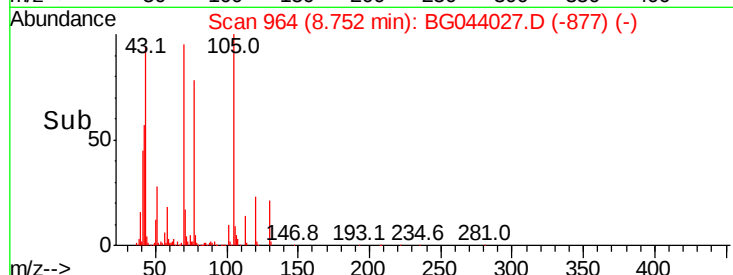
42 59.6 47.0 70.4

101 10.5 7.2 10.8

130 22.4 15.6 23.4



Abundance Ion 70.00 (69.70 to 70.70): BGC
 250000 Ion 42.00 (41.70 to 42.70): BGC
 200000 Ion 101.00 (100.70 to 101.70): BGC
 150000 Ion 130.00 (129.70 to 130.70): BGC
 100000
 50000
 0



#20

3+4-Methylphenols

Concen: 49.114 ng

RT: 8.72 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Tgt Ion: 107 Resp: 447450

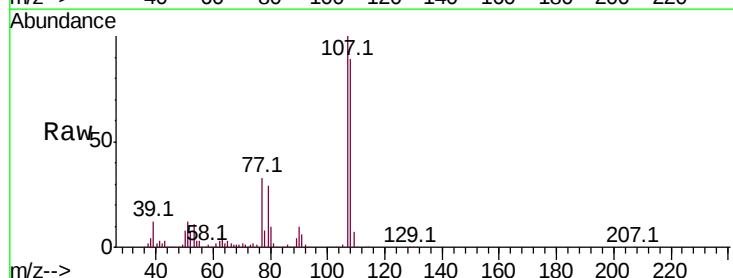
Ion Ratio Lower Upper

107 100

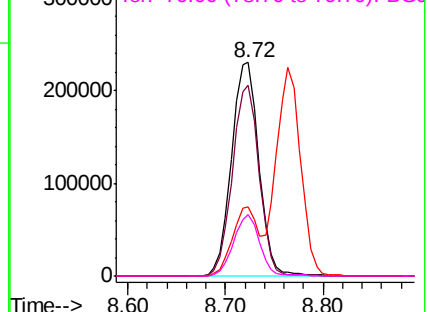
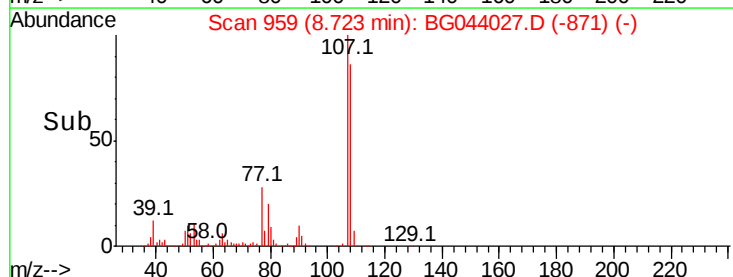
108 89.1 70.3 110.3

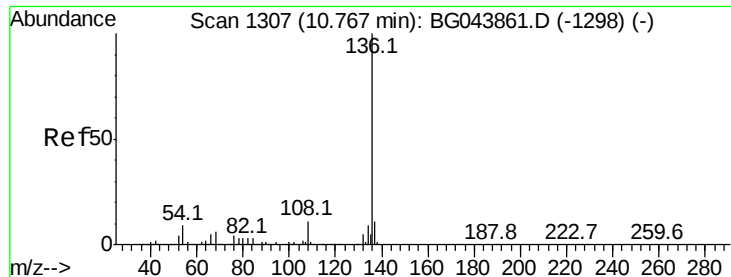
77 32.5 12.4 52.4

79 28.6 8.6 48.6



Abundance Ion 107.00 (106.70 to 107.70): BGC
 300000 Ion 108.00 (107.70 to 108.70): BGC
 200000 Ion 77.00 (76.70 to 77.70): BGC
 100000 Ion 79.00 (78.70 to 79.70): BGC
 0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 470822

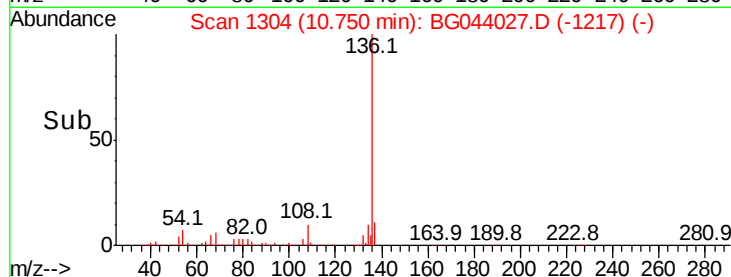
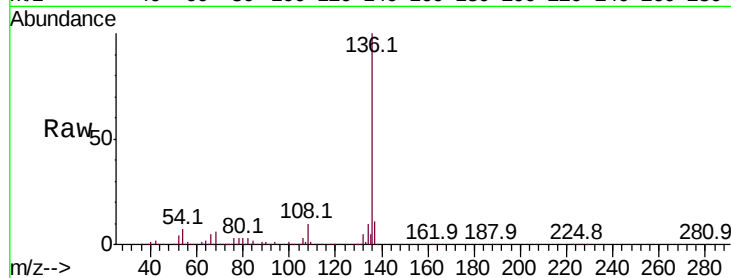
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.2 7.0 10.4

68 5.9 4.9 7.3



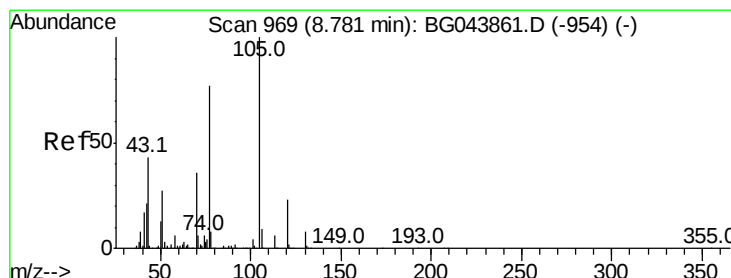
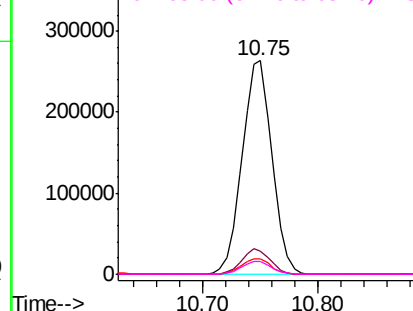
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.191 ng

RT: 8.76 min Scan# 966

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Tgt Ion:105 Resp: 517256

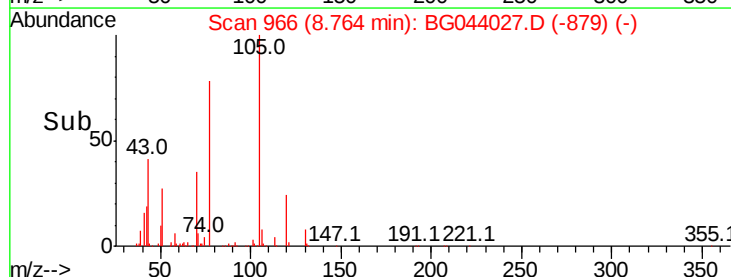
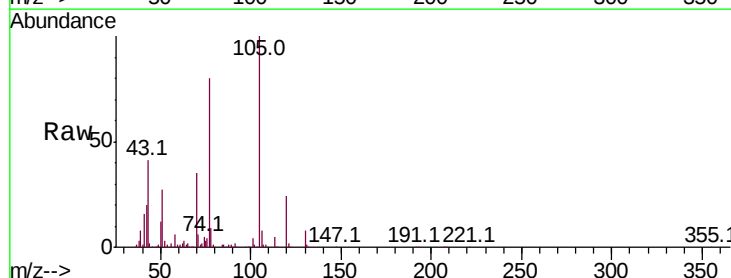
Ion Ratio Lower Upper

105 100

71 6.0 4.8 7.2

51 27.1 21.4 32.0

120 24.2 18.6 28.0



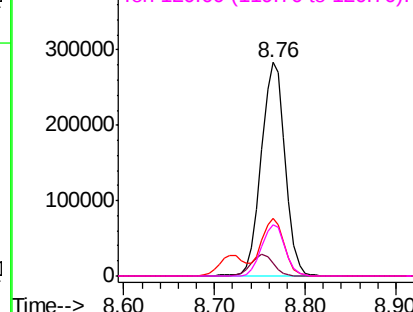
Abundance

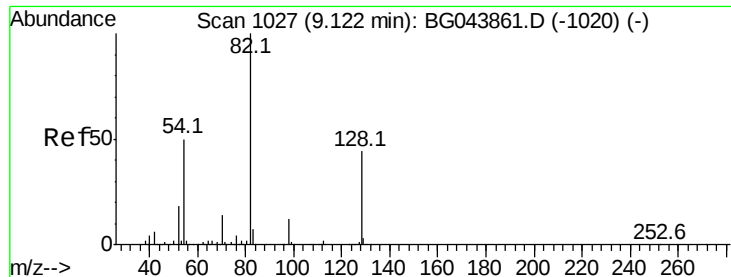
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

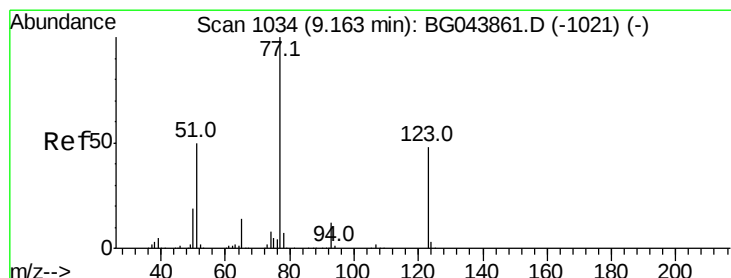
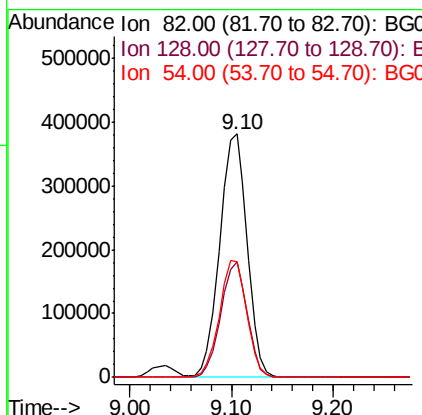
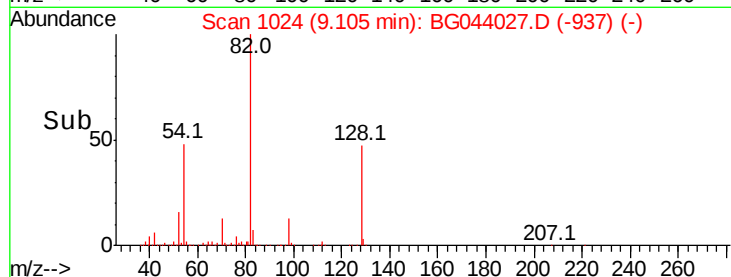
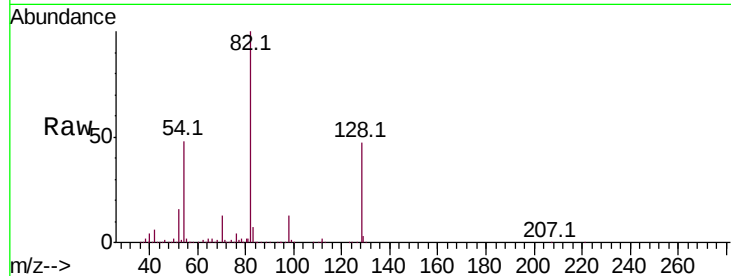




#23
Nitrobenzene-d5
Concen: 80.921 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

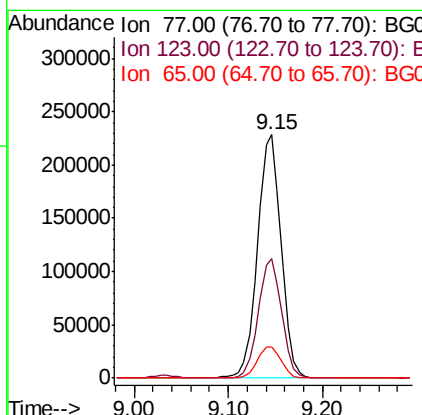
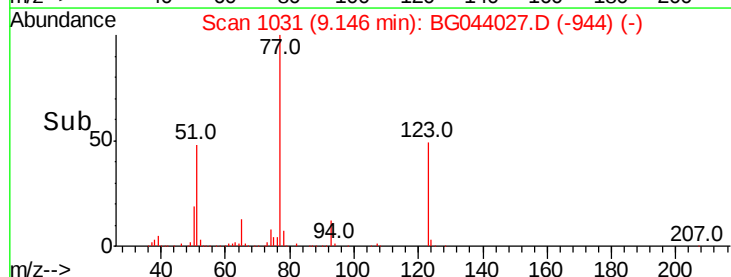
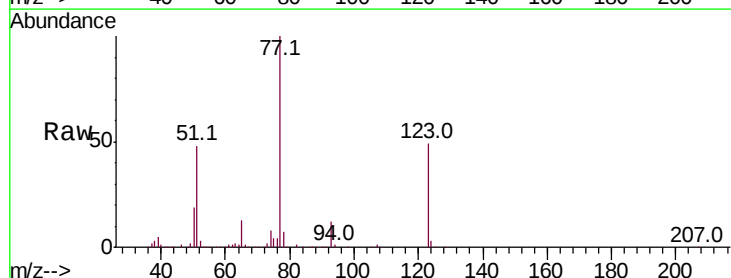
Instrument :
BNA_G
ClientSampled :

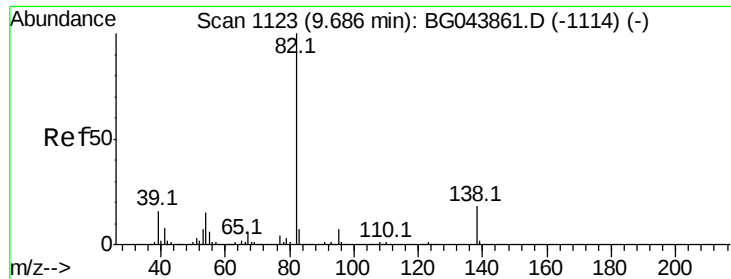
Tot Ion: 82 Resp: 712194
Ion Ratio Lower Upper
82 100
128 47.2 35.1 52.7
54 47.7 40.1 60.1



#24
Nitrobenzene
Concen: 45.343 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Tgt Ion: 77 Resp: 395249
Ion Ratio Lower Upper
77 100
123 49.1 38.7 58.1
65 12.6 11.1 16.7





#25

Isophorone

Concen: 45.755 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Instrument :

BNA_G

ClientSampleId :

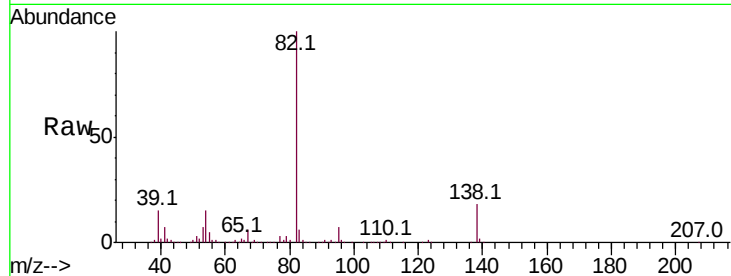
Tot Ion: 82 Resp: 755496

Ion Ratio Lower Upper

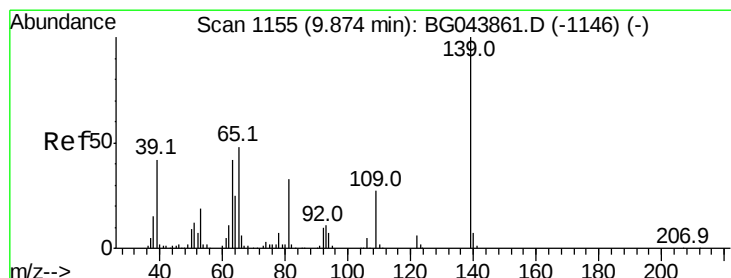
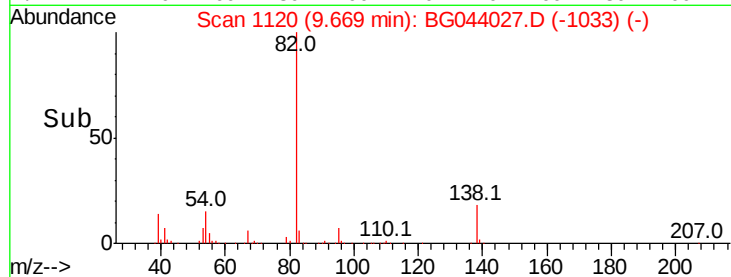
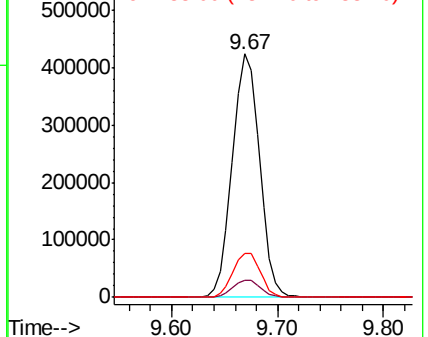
82 100

95 7.1 5.8 8.6

138 18.1 14.6 22.0



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: 52.119 ng

RT: 9.86 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

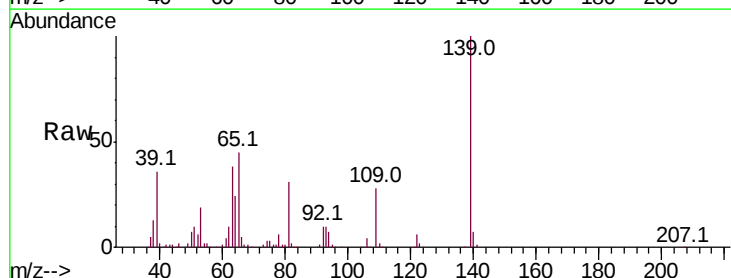
Tgt Ion: 139 Resp: 214943

Ion Ratio Lower Upper

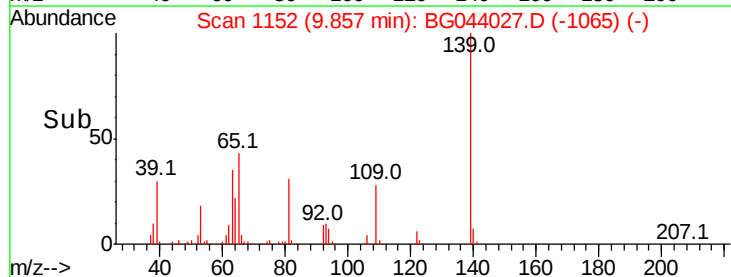
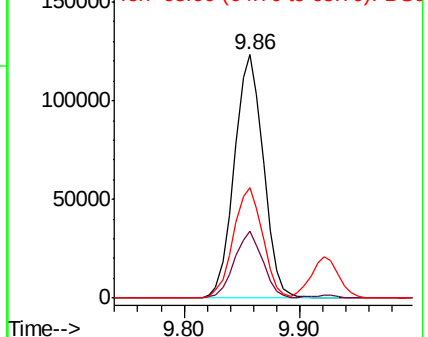
139 100

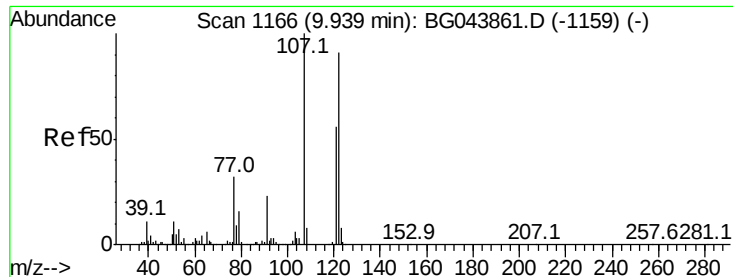
109 27.5 21.3 31.9

65 45.3 38.6 57.8



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: 57.527 ng

RT: 9.92 min Scan# 1163

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Instrument :

BNA_G

ClientSampleId :

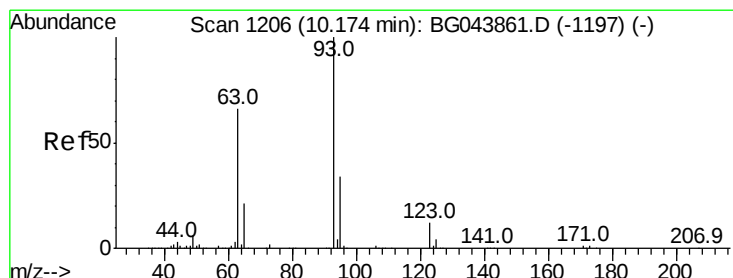
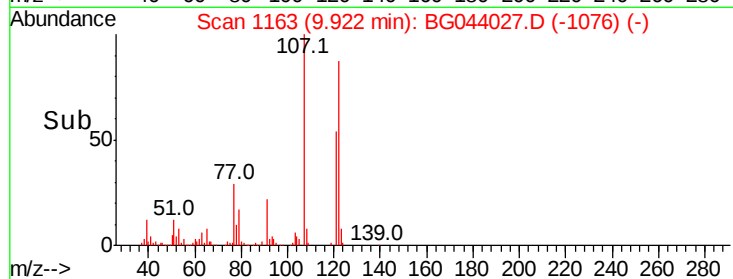
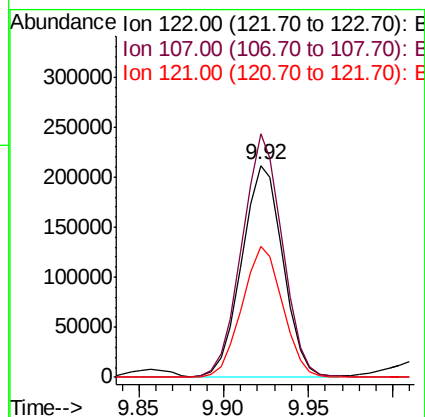
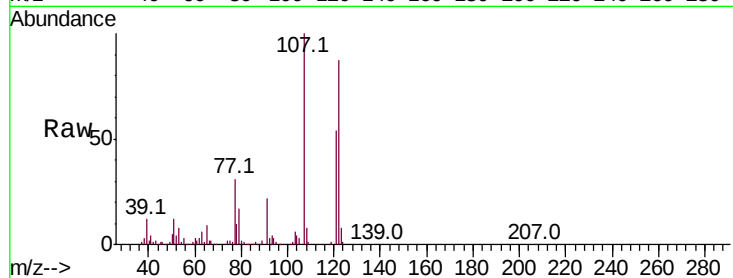
Tot Ion:122 Resp: 357124

Ion Ratio Lower Upper

122 100

107 114.8 88.0 132.0

121 61.8 49.0 73.4



#28

bis(2-Chloroethoxy)methane

Concen: 43.060 ng

RT: 10.15 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

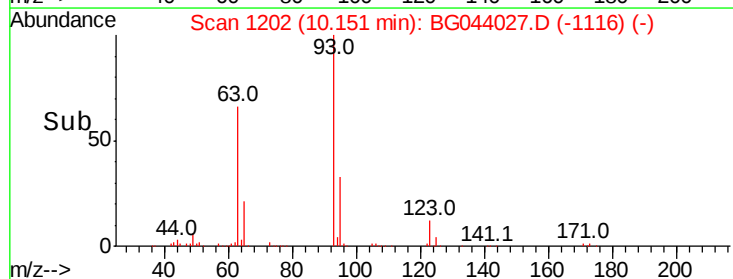
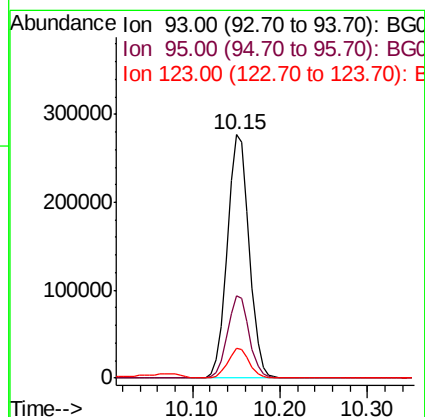
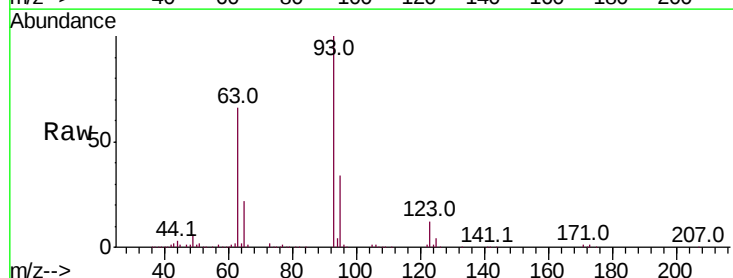
Tgt Ion: 93 Resp: 474003

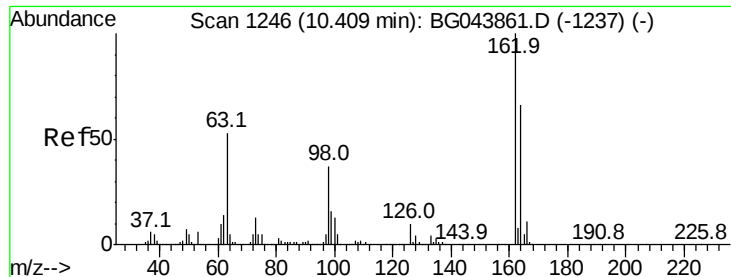
Ion Ratio Lower Upper

93 100

95 34.0 27.2 40.8

123 12.2 9.7 14.5

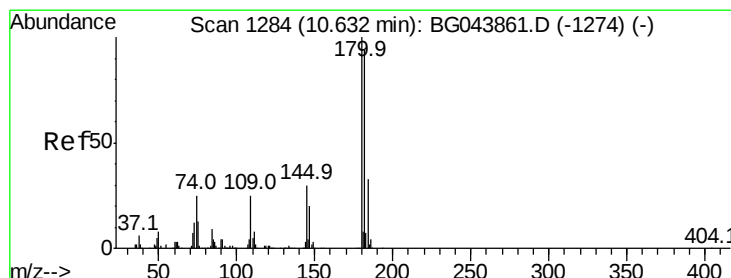
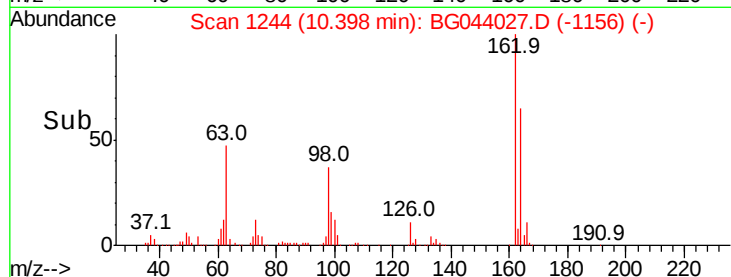
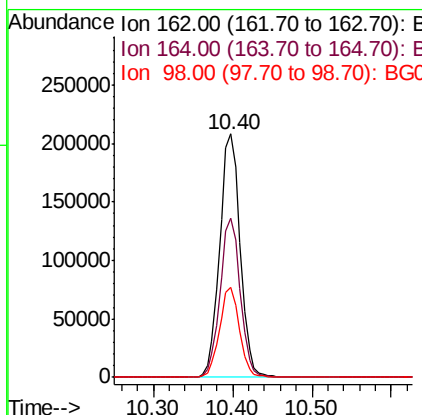
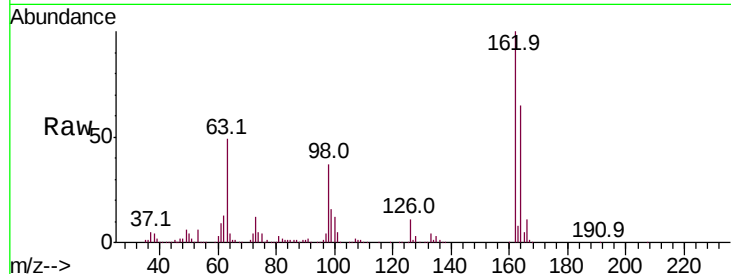




#29
 2,4-Dichlorophenol
 Concen: 50.314 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BG044027.D
 Acq: 14 Jan 2020 00:55

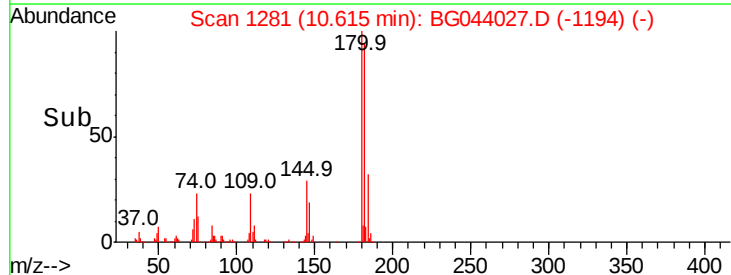
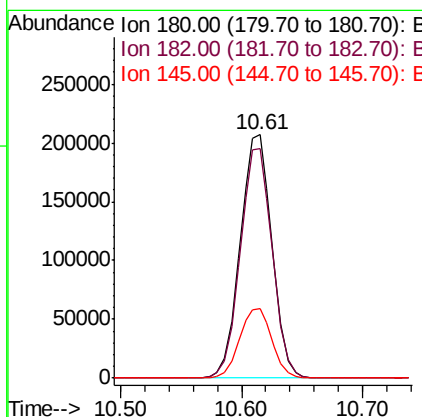
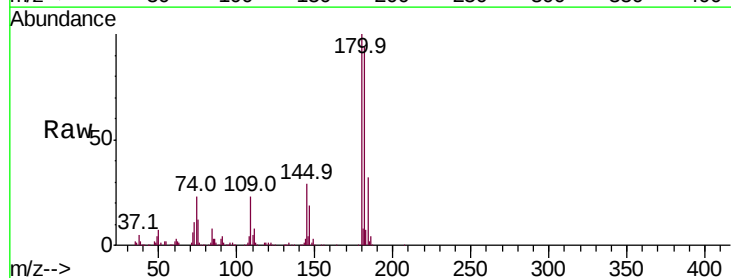
Instrument :
 BNA_G
 ClientSampleId :

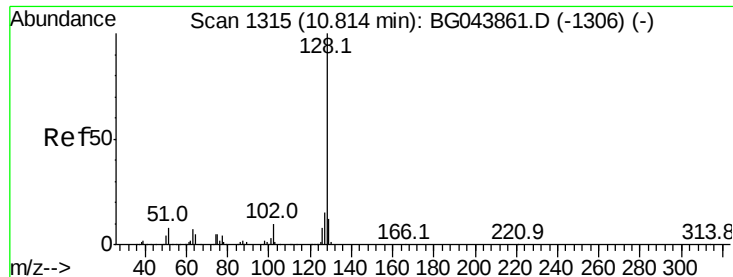
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	46.3	86.3
98	36.9	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 45.444 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BG044027.D
 Acq: 14 Jan 2020 00:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.0	112.4
145	28.7	24.2	36.4

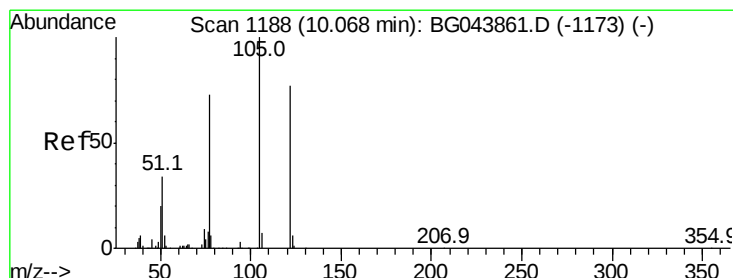
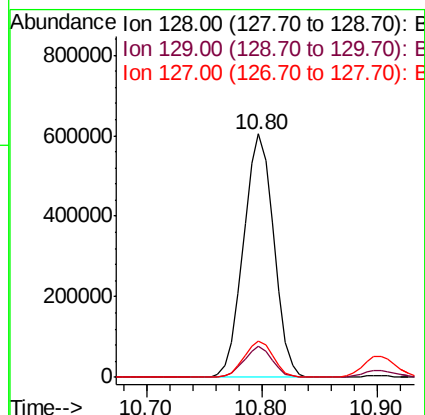
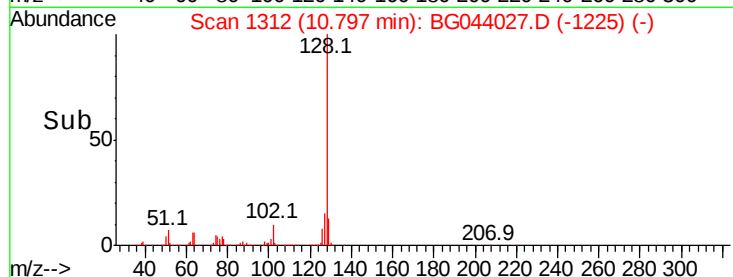
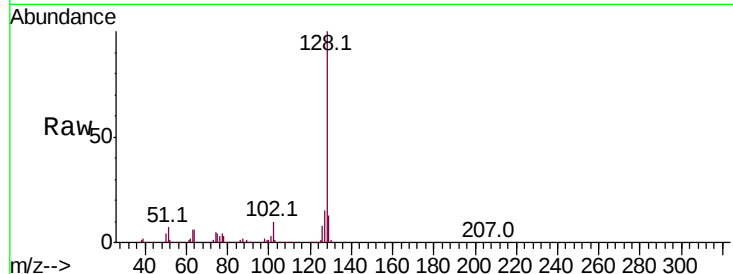




#31
Naphthalene
Concen: 48.252 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

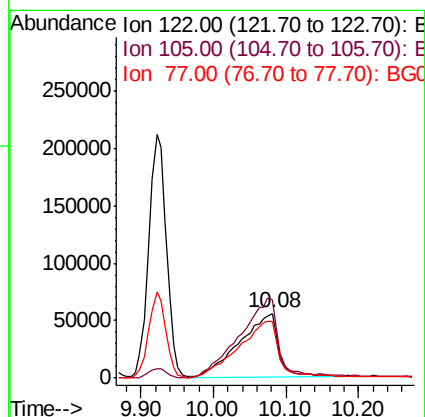
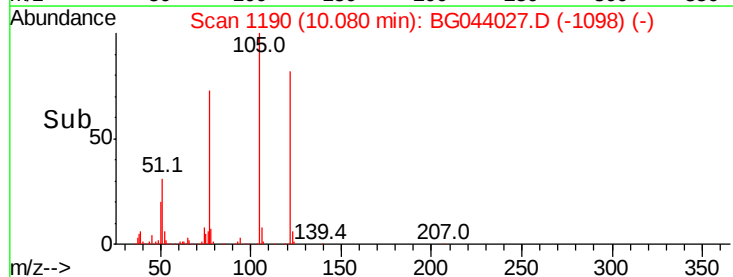
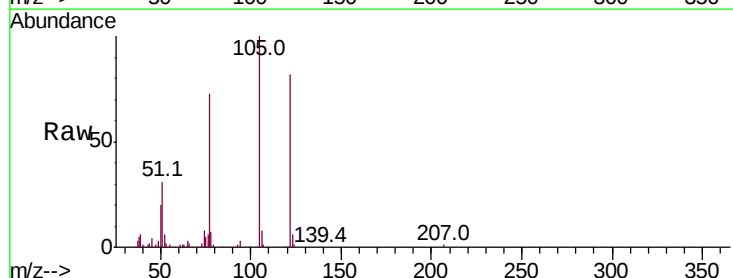
Instrument :
BNA_G
ClientSampleId :

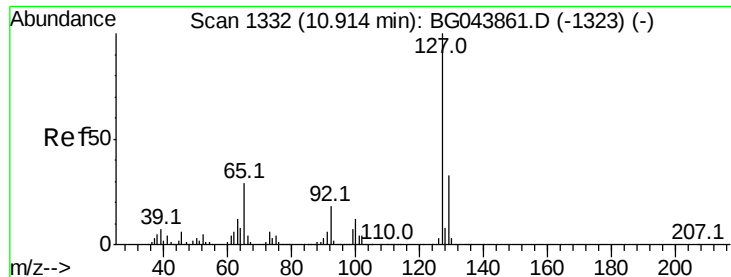
Tot Ion:128 Resp: 1099362
Ion Ratio Lower Upper
128 100
129 12.6 9.8 14.6
127 14.9 12.0 18.0



#32
Benzoic acid
Concen: 41.873 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Tgt Ion:122 Resp: 207042
Ion Ratio Lower Upper
122 100
105 121.7 106.4 146.4
77 88.6 74.6 114.6

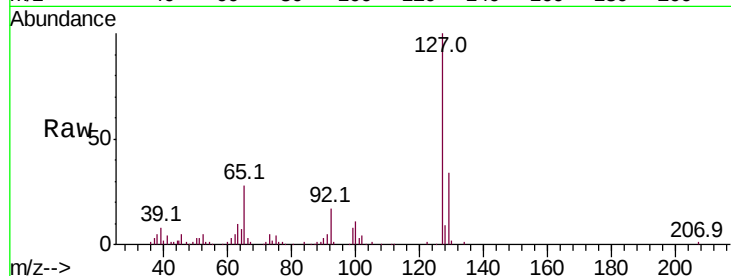




#33
4-Chloroaniline
Concen: 9.794 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.6	40.0
65	28.2	23.3	34.9
92	17.0	14.7	22.1



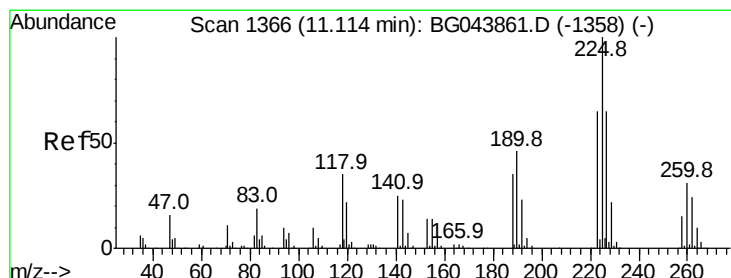
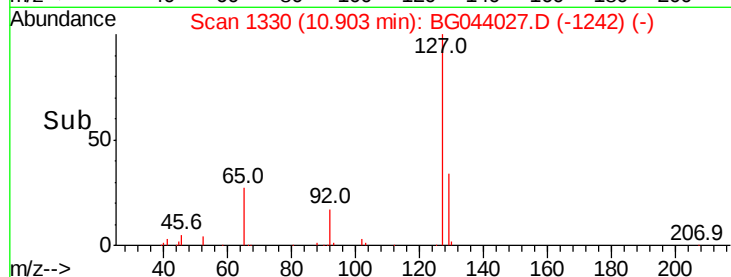
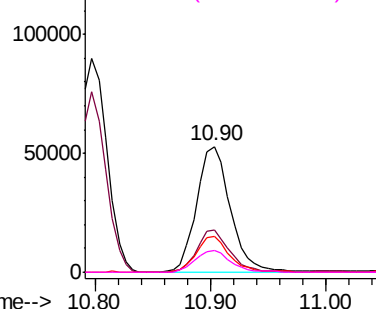
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

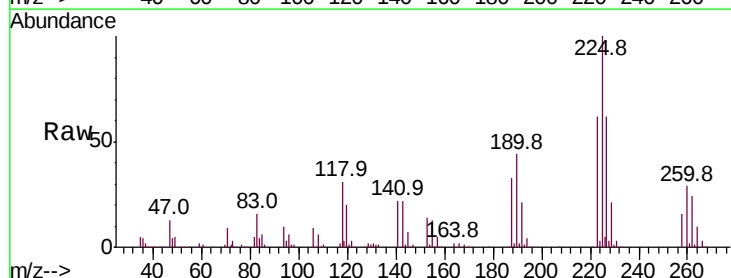
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 43.602 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	52.2	78.4
227	61.6	52.1	78.1

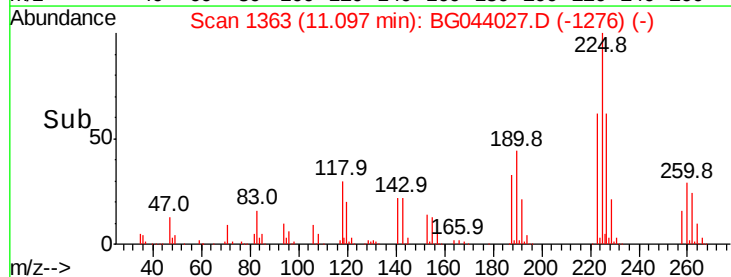
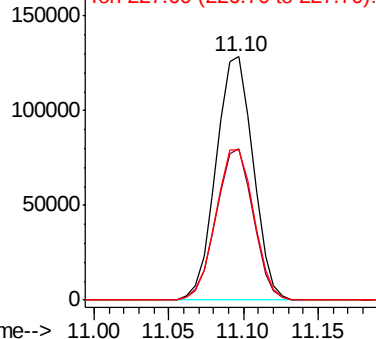


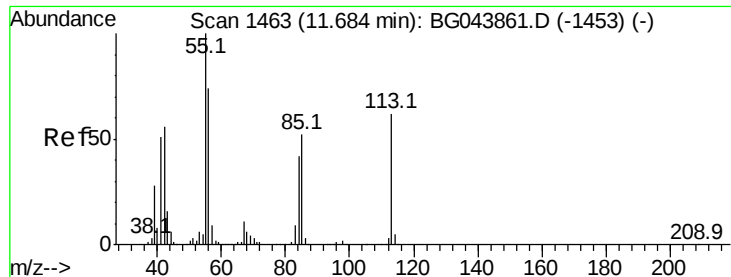
Abundance

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

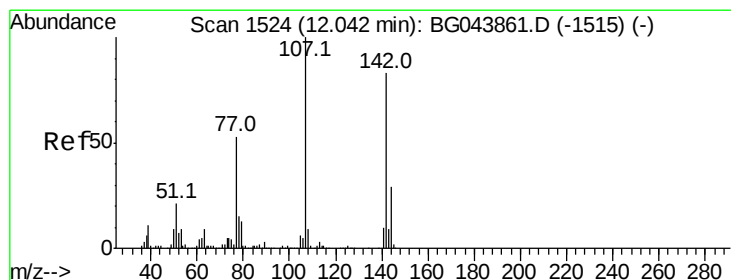
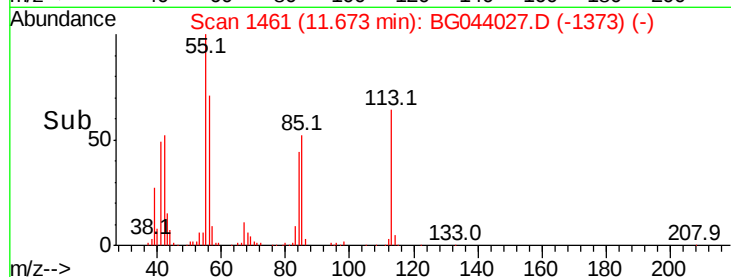
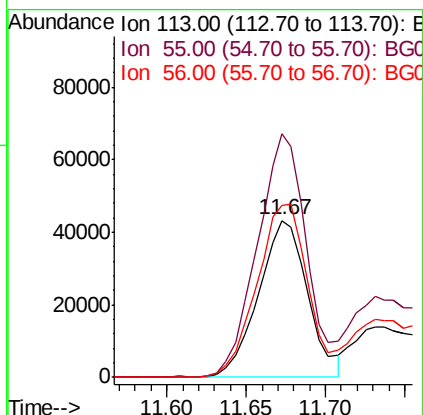
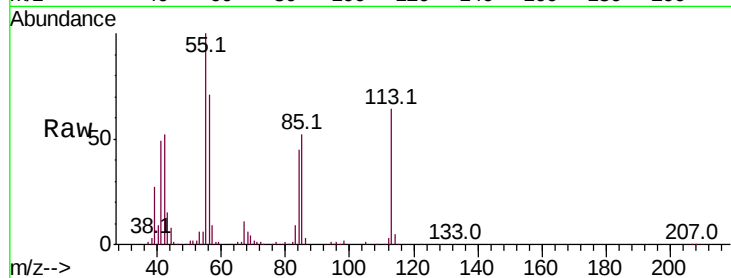




#35
Caprolactam
Concen: 33.756 ng
RT: 11.67 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

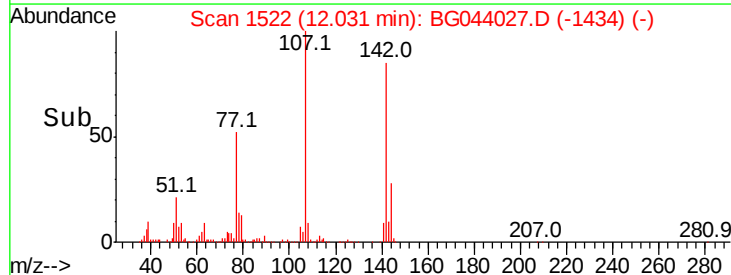
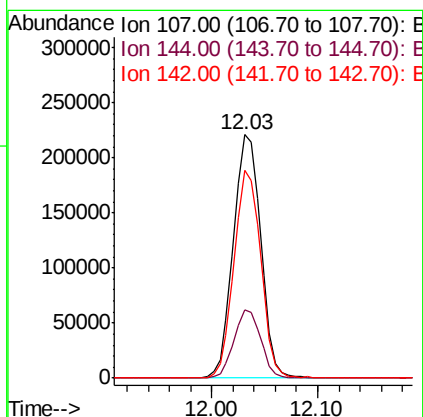
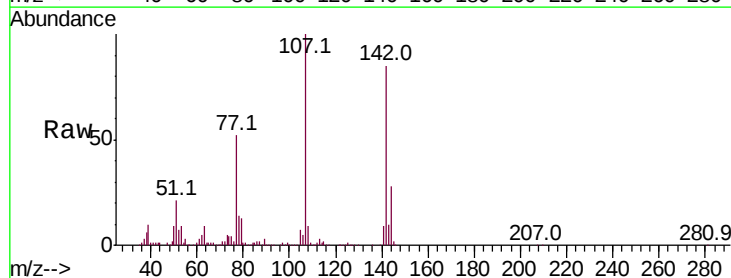
Instrument :
BNA_G
ClientSampleId :

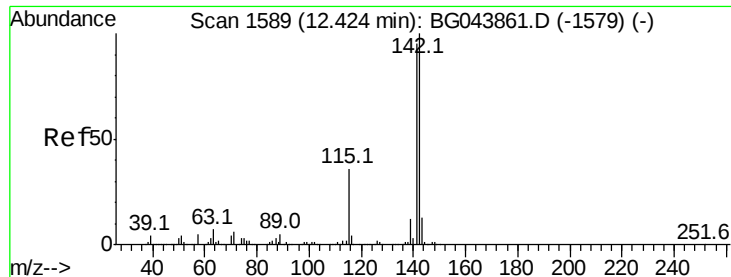
Tot Ion:113 Resp: 93054
Ion Ratio Lower Upper
113 100
55 155.5 142.5 182.5
56 109.9 101.4 141.4



#36
4-Chloro-3-methylphenol
Concen: 50.306 ng
RT: 12.03 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Tgt Ion:107 Resp: 396567
Ion Ratio Lower Upper
107 100
144 28.0 23.4 35.2
142 85.2 66.3 99.5

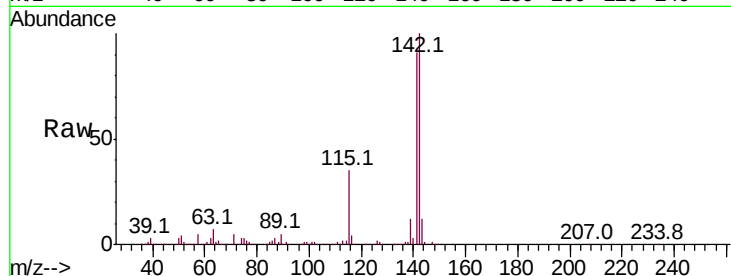




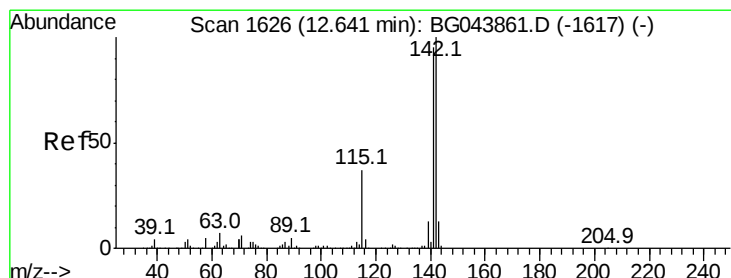
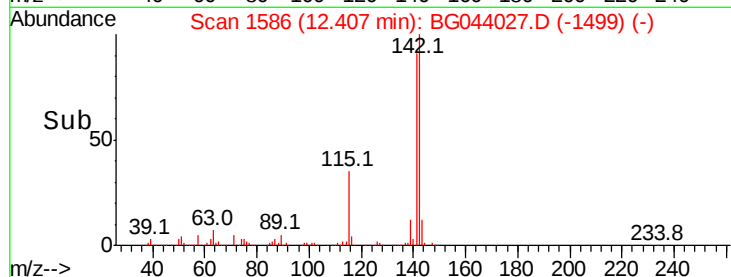
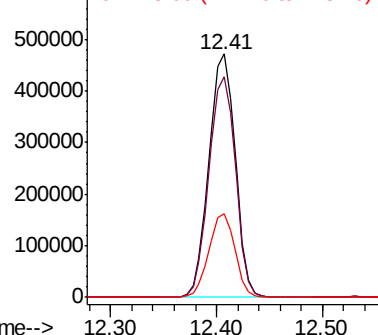
#37
 2-Methylnaphthalene
 Concen: 47.315 ng
 RT: 12.41 min Scan# 1586
 Delta R.T. -0.02 min
 Lab File: BG044027.D
 Acq: 14 Jan 2020 00:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	75.8	113.8
115	34.6	28.6	42.8

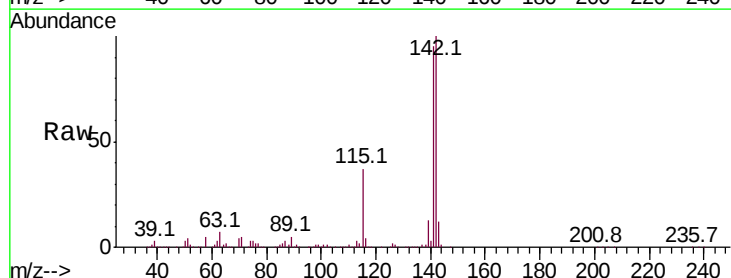


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

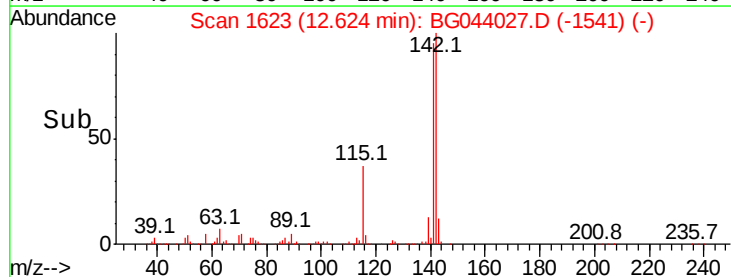
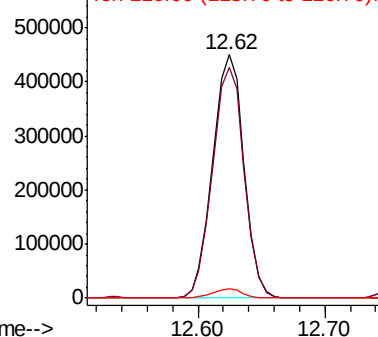


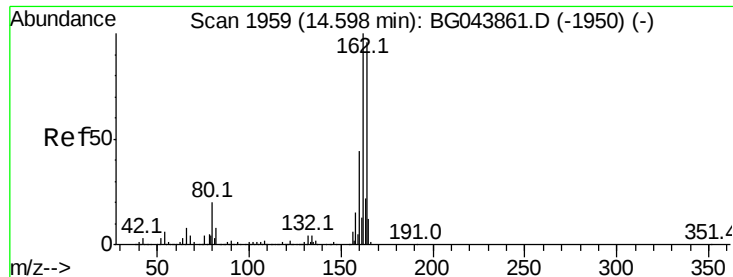
#38
 1-Methylnaphthalene
 Concen: 47.322 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BG044027.D
 Acq: 14 Jan 2020 00:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	76.0	114.0
116	3.9	3.1	4.7



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

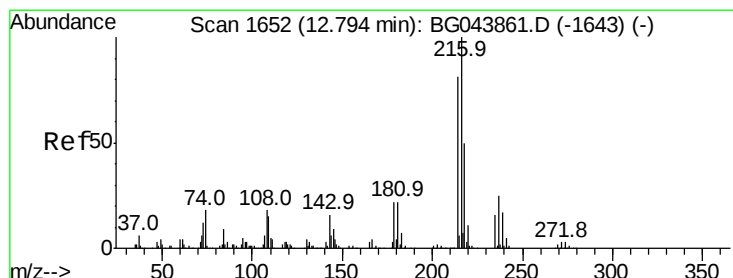
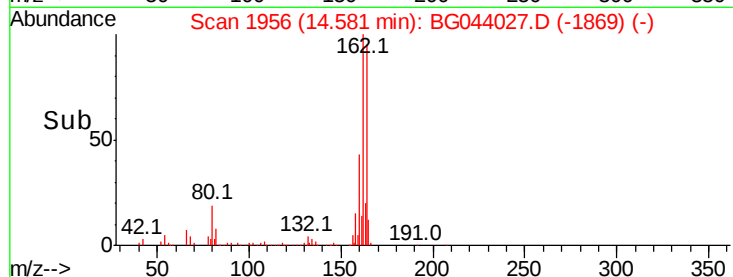
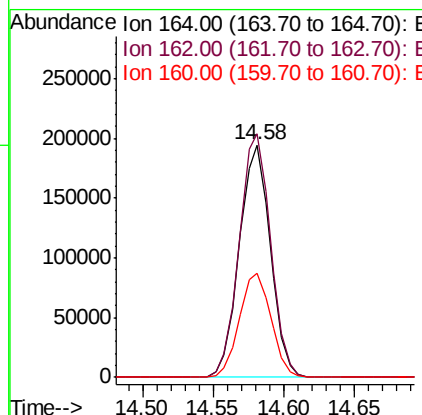
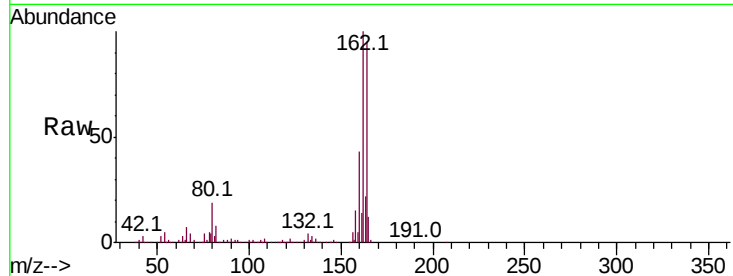




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

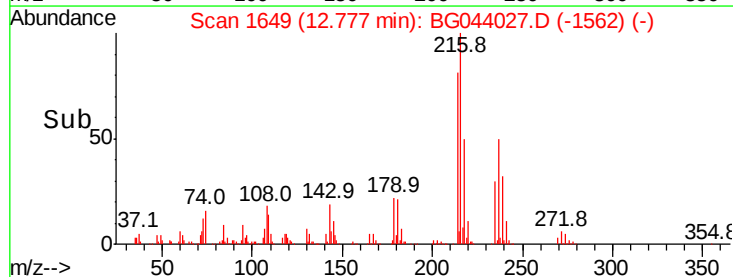
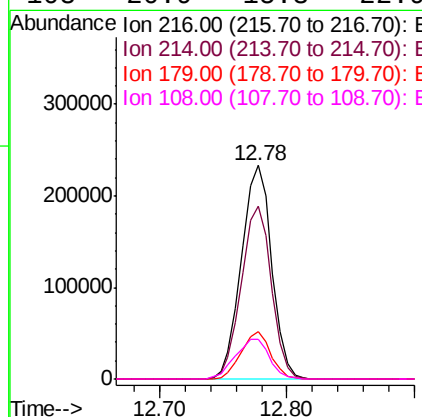
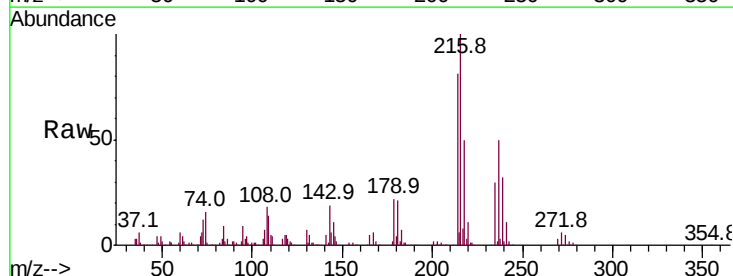
Instrument :
BNA_G
ClientSampled :

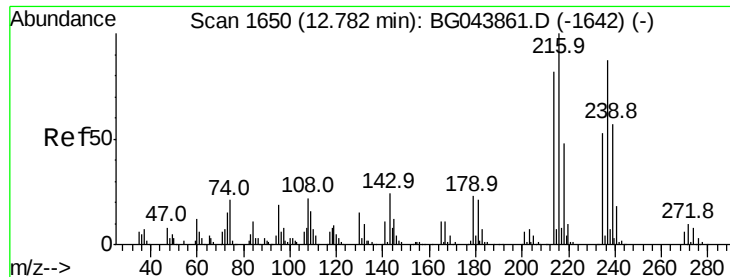
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.0	124.4
160	44.8	36.1	54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.148 ng
RT: 12.78 min Scan# 1649
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.8	95.8
179	21.5	17.3	25.9
108	20.9	15.3	22.9





#41

Hexachlorocyclopentadiene

Concen: 110.044 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Instrument :

BNA_G

ClientSampleId :

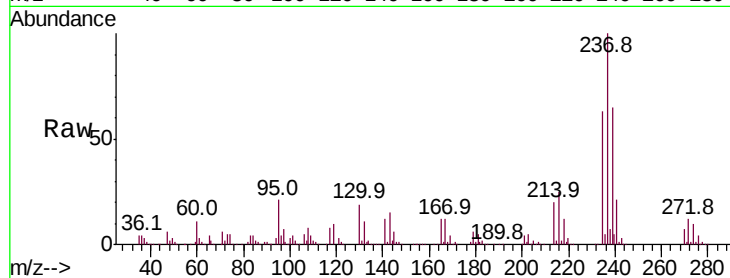
Tot Ion:237 Resp: 499332

Ion Ratio Lower Upper

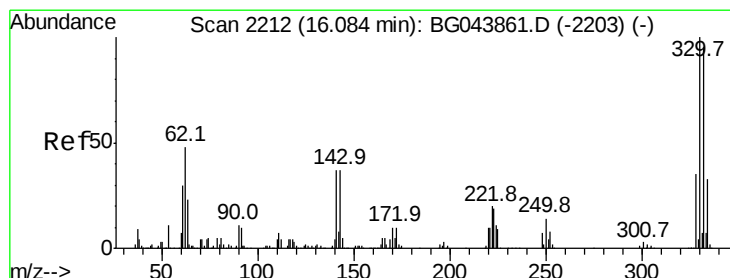
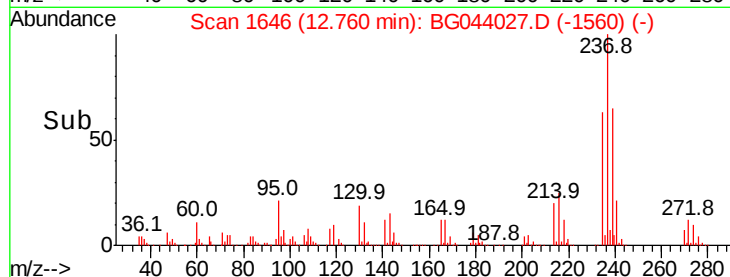
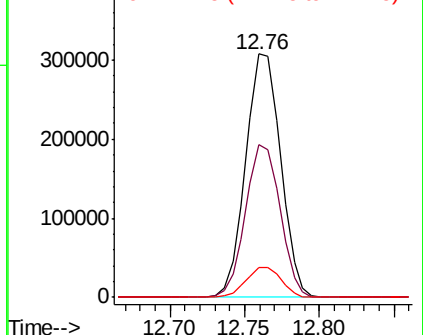
237 100

235 62.5 41.1 81.1

272 12.4 0.0 31.7



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: 151.208 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

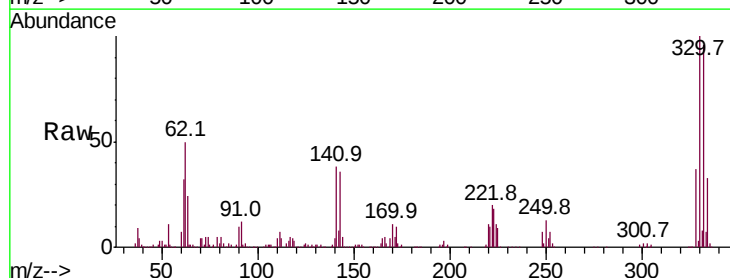
Tgt Ion:330 Resp: 472515

Ion Ratio Lower Upper

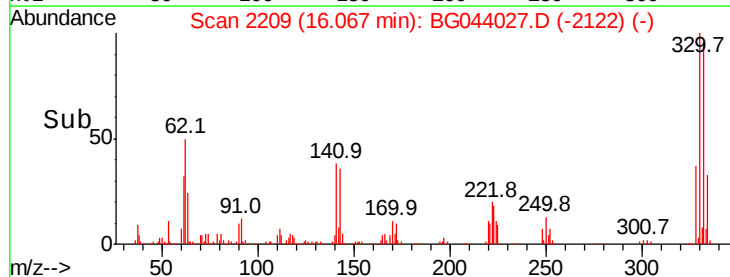
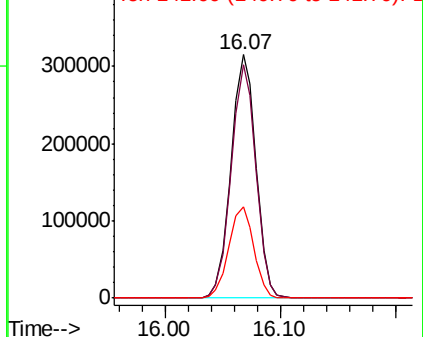
330 100

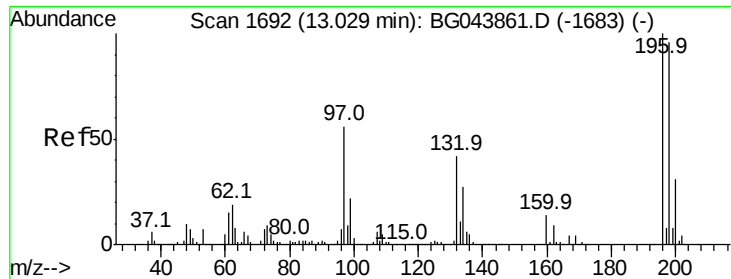
332 95.1 77.2 115.8

141 37.9 33.1 49.7



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

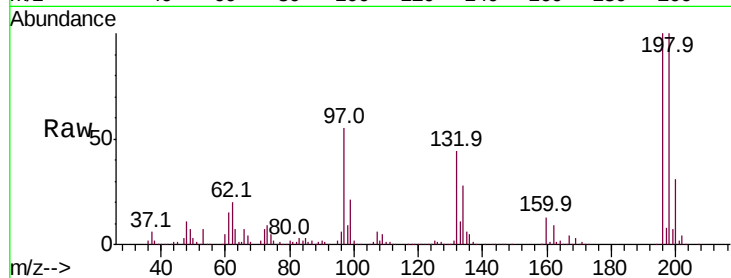




#43
 2,4,6-Trichlorophenol
 Concen: 49.770 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG044027.D
 Acq: 14 Jan 2020 00:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	299734
Ion Ratio	100	Lower	Upper
196	100		
198	99.5	76.6	115.0
200	31.1	24.6	37.0

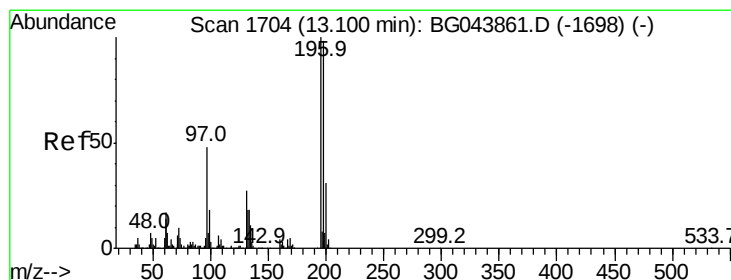
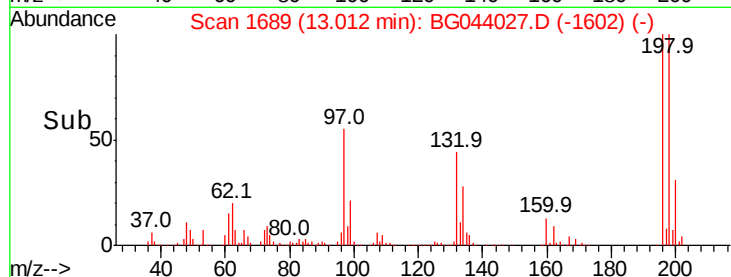
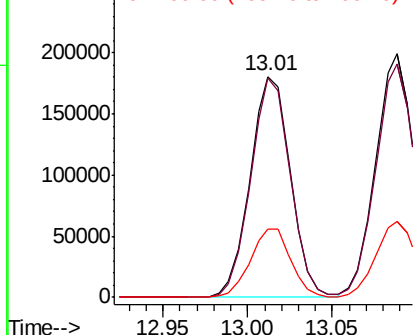


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 52.031 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044027.D
 Acq: 14 Jan 2020 00:55

Tgt Ion	196	Resp	323180
Ion Ratio	100	Lower	Upper
196	100		
198	95.7	78.3	117.5
97	46.2	38.8	58.2
132	26.3	21.3	31.9

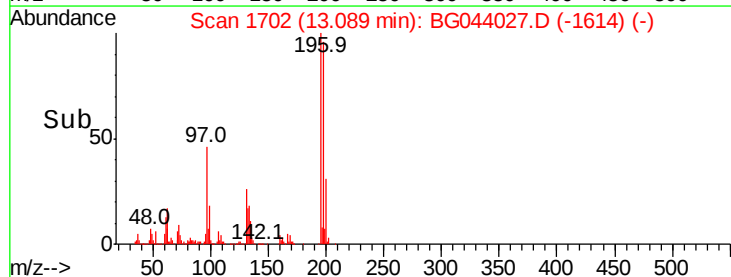
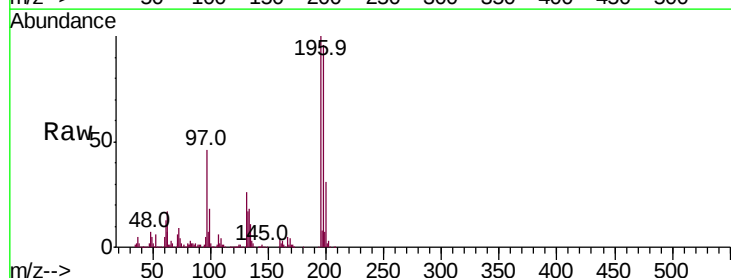
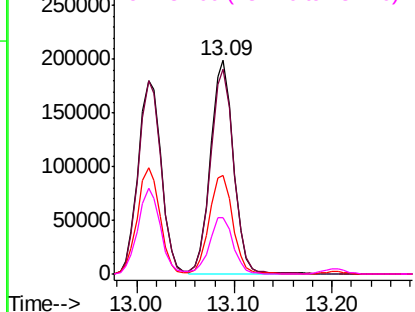
Abundance

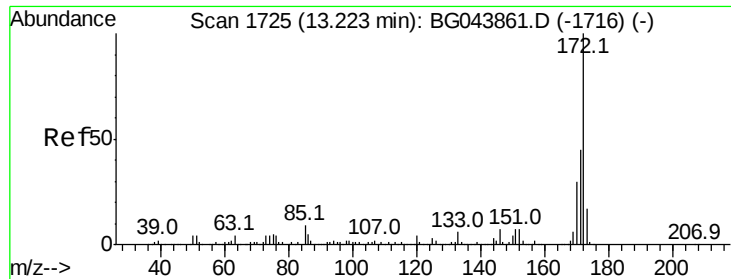
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

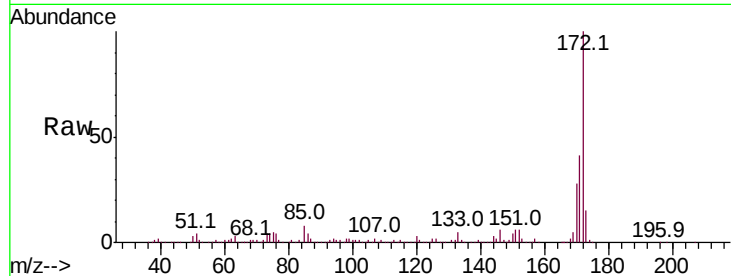




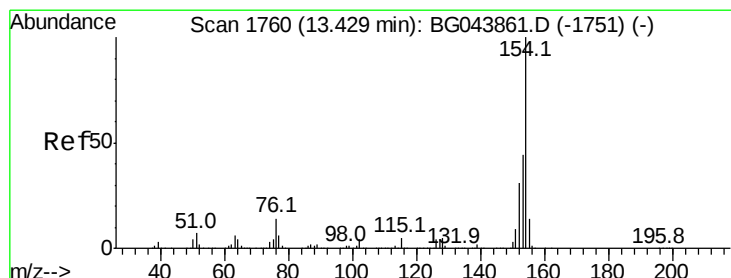
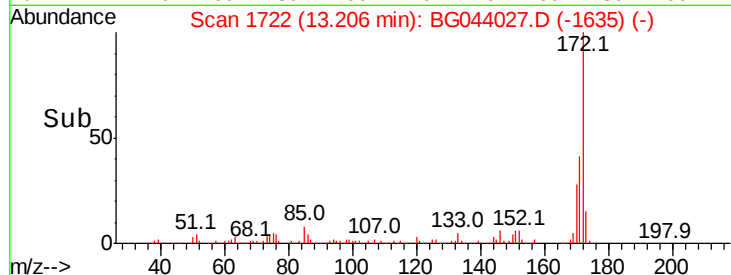
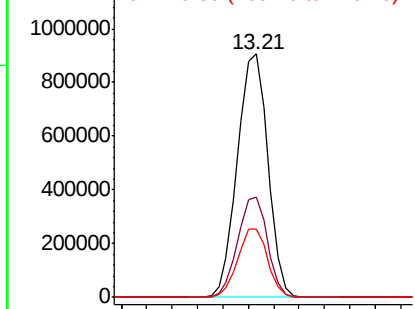
#45
 2-Fluorobiphenyl
 Concen: 91.944 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG044027.D
 Acq: 14 Jan 2020 00:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1515408
 Ion Ratio Lower Upper
 172 100
 171 41.3 35.8 53.8
 170 28.1 24.2 36.4

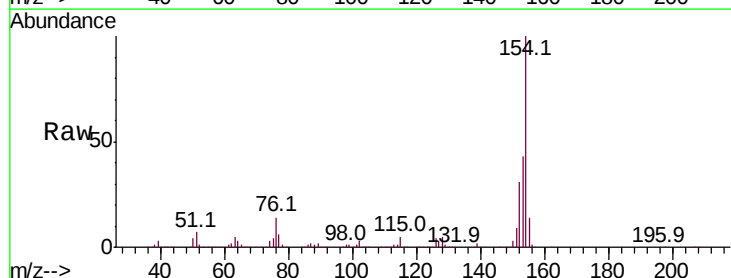


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

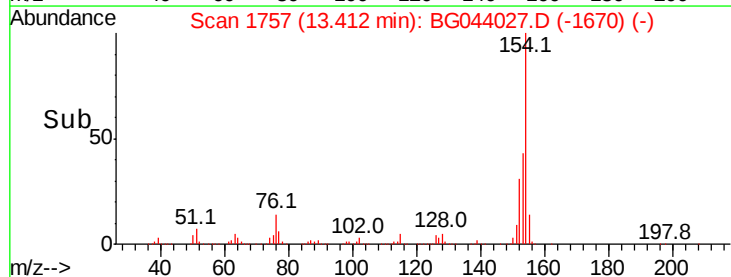
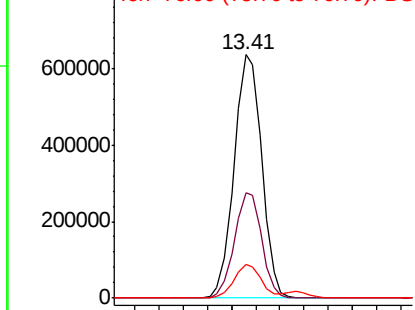


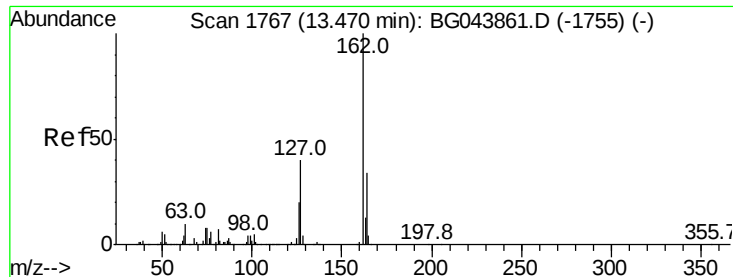
#46
 1,1'-Biphenyl
 Concen: 47.379 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.02 min
 Lab File: BG044027.D
 Acq: 14 Jan 2020 00:55

Tgt Ion:154 Resp: 1014383
 Ion Ratio Lower Upper
 154 100
 153 43.3 23.6 63.6
 76 13.8 0.0 34.4



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

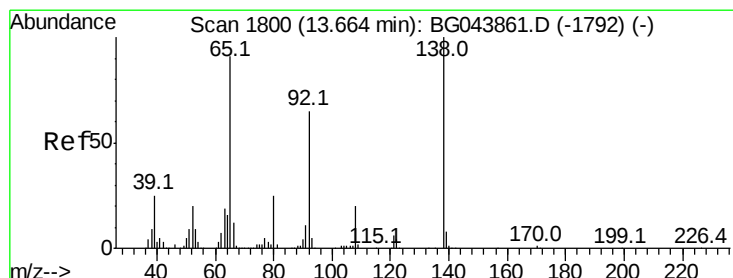
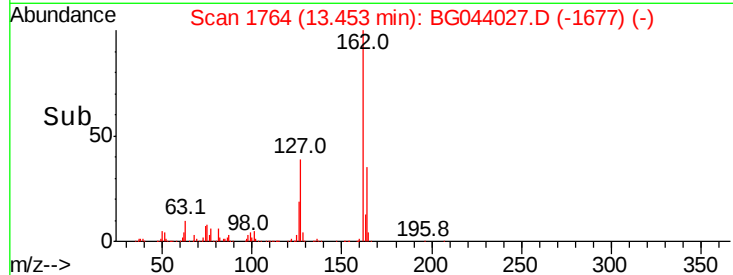
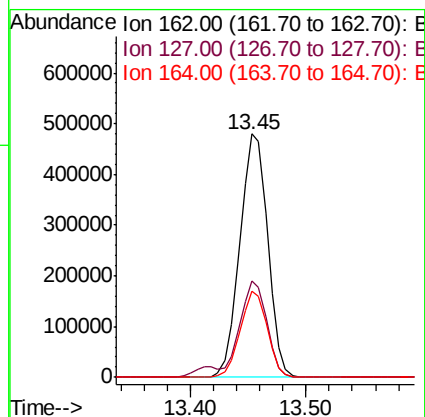
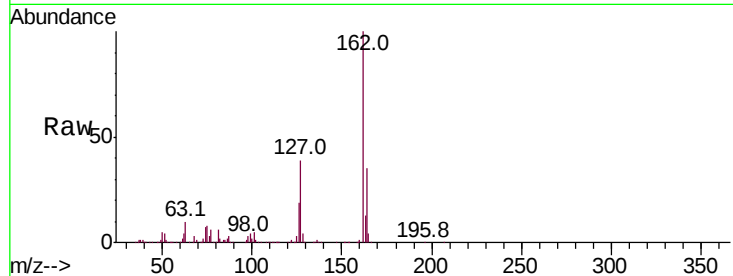




#47
2-Chloronaphthalene
Concen: 46.294 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

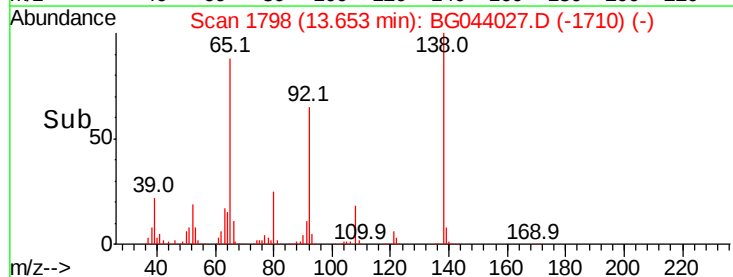
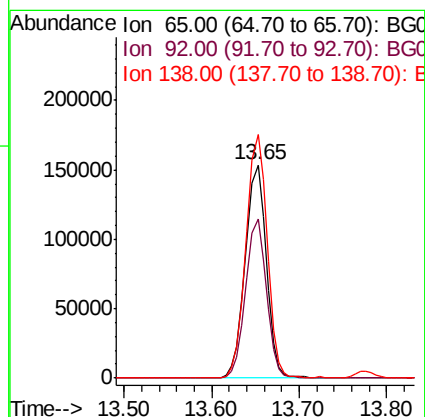
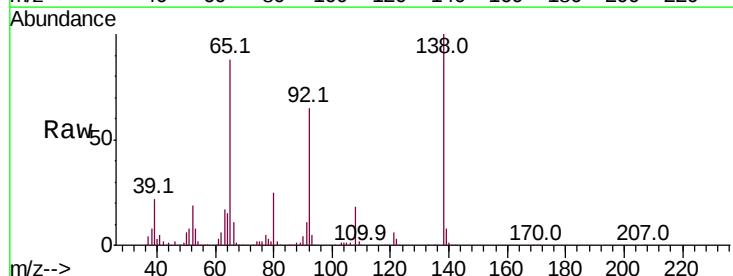
Instrument :
BNA_G
ClientSampleId :

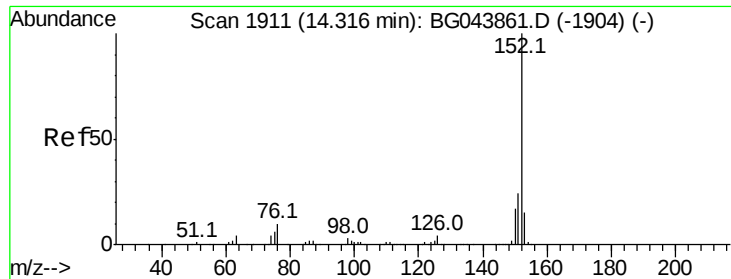
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.1	48.1
164	35.5	27.5	41.3



#48
2-Nitroaniline
Concen: 44.810 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.6	57.4	86.2
138	114.0	88.2	132.4





#49

Acenaphthylene

Concen: 50.863 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

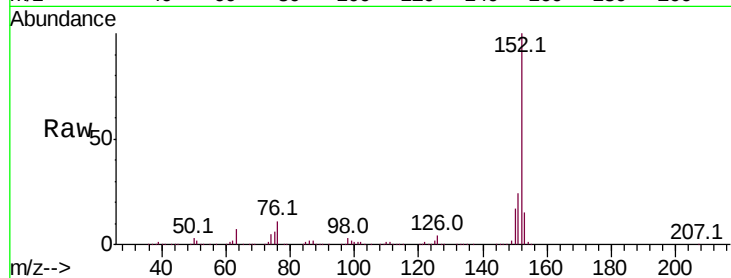
Instrument :

BNA_G

ClientSampled :

Tot Ion:152 Resp: 1264784

Ion	Ratio	Lower	Upper
152	100		
151	23.9	19.4	29.2
153	15.1	12.0	18.0

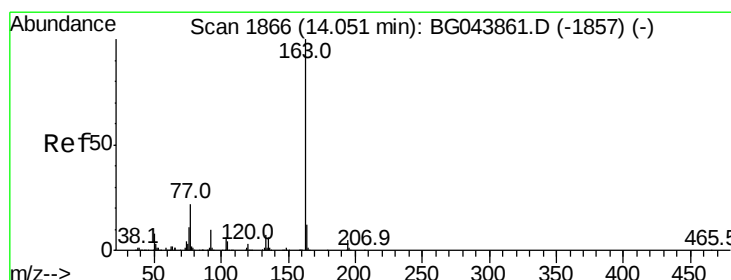
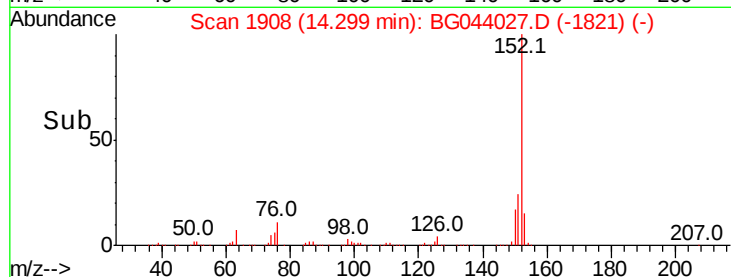
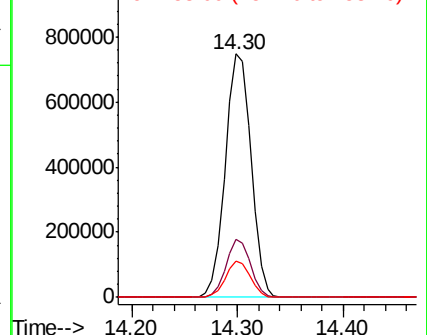


Abundance

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: 55.278 ng

RT: 14.03 min Scan# 1863

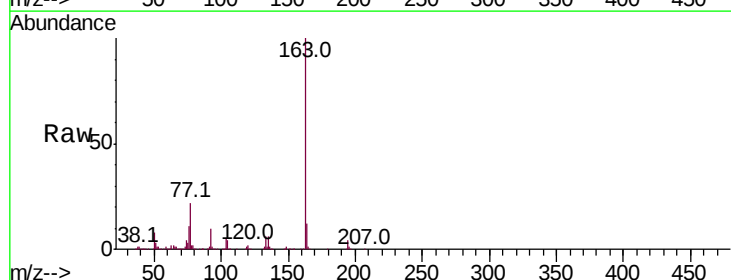
Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Tgt Ion:163 Resp: 1172048

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	11.7	9.3	13.9

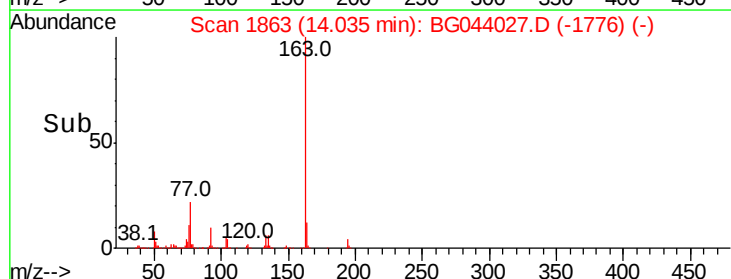
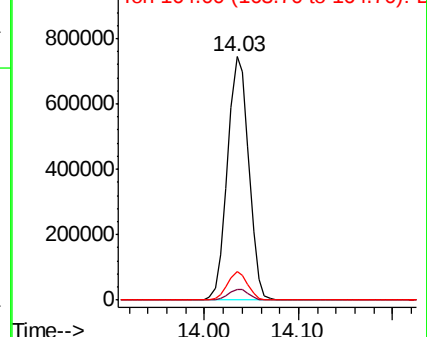


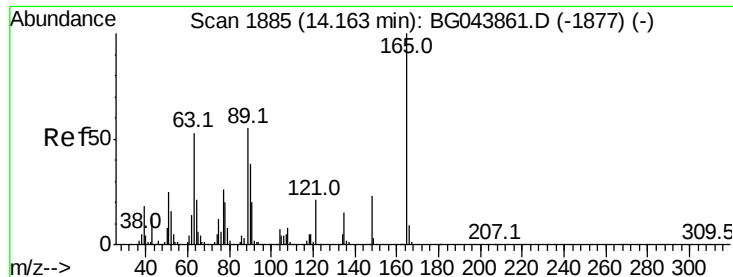
Abundance

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

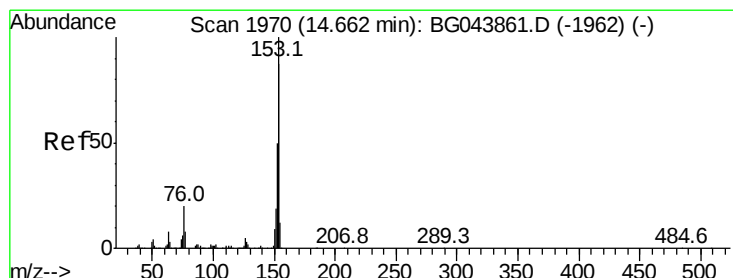
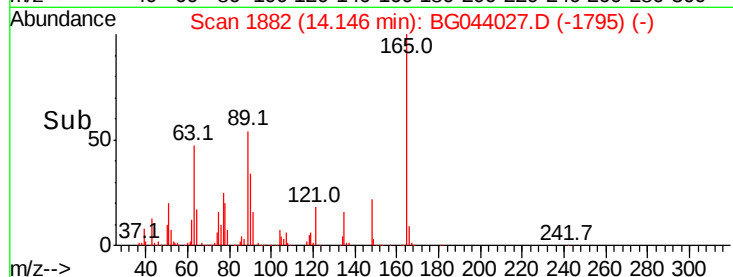
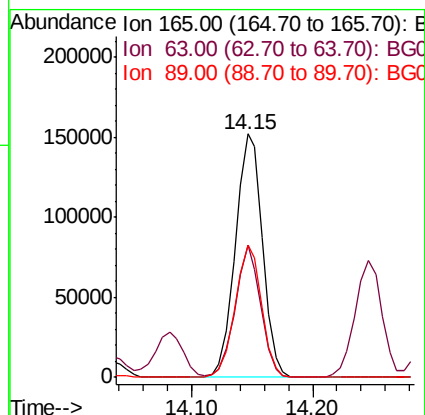
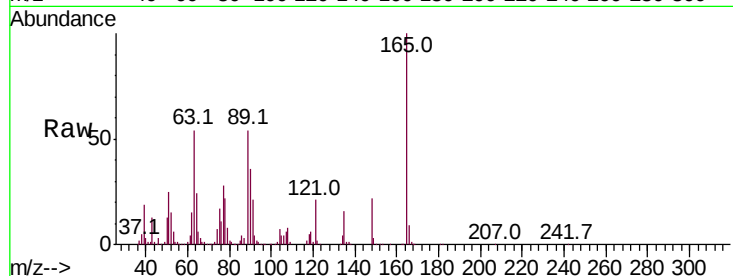




#51
2,6-Dinitrotoluene
Concen: 49.443 ng
RT: 14.15 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

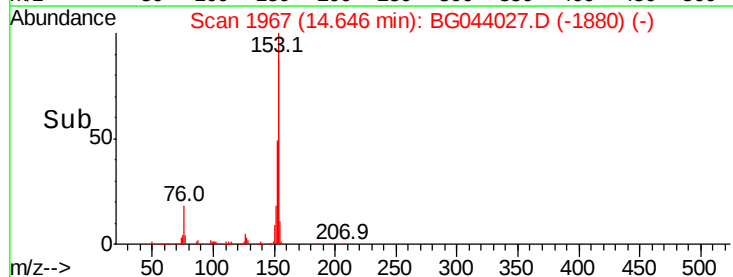
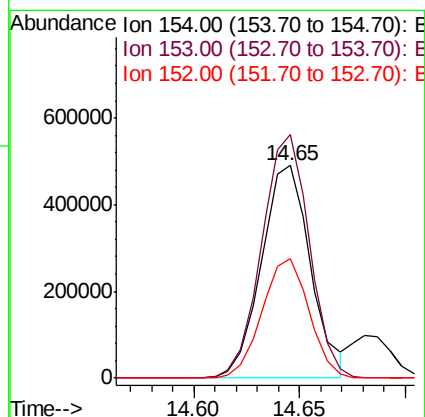
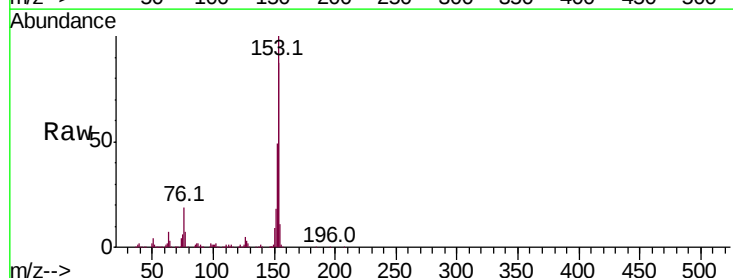
Instrument :
BNA_G
ClientSampleId :

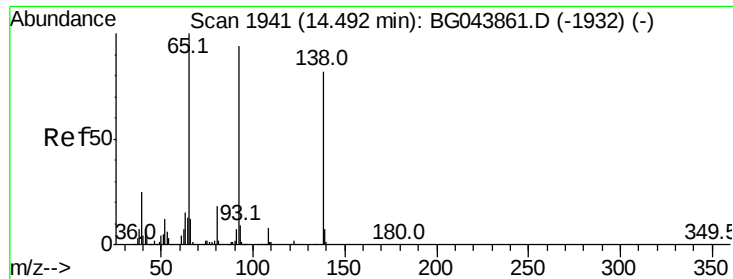
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.4	43.1	64.7
89	54.3	43.8	65.6



#52
Acenaphthene
Concen: 45.382 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.6	137.4
152	56.4	45.4	68.0





#53

3-Nitroaniline

Concen: 20.313 ng

RT: 14.48 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Instrument :

BNA_G

ClientSampleId :

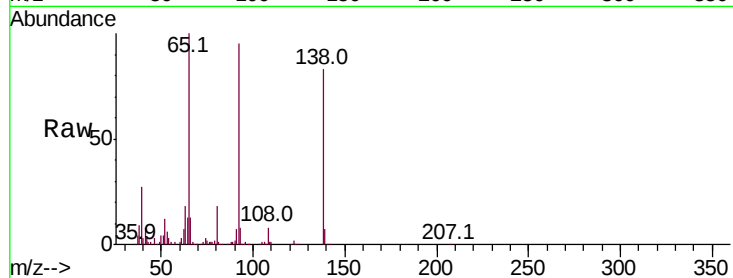
Tot Ion:138 Resp: 110546

Ion Ratio Lower Upper

138 100

108 9.2 7.4 11.2

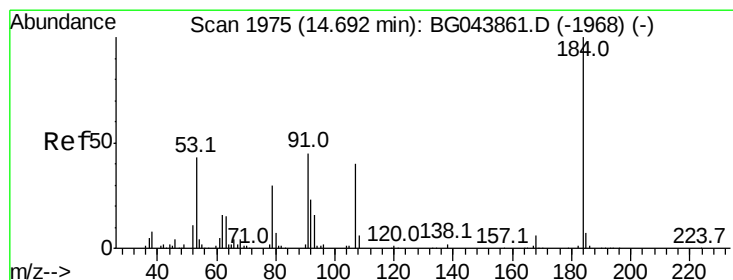
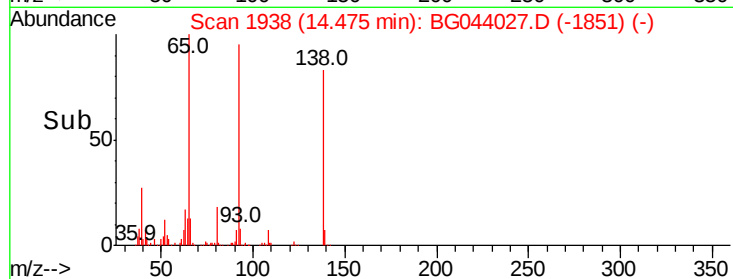
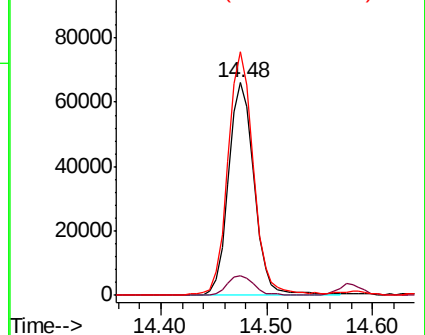
92 114.5 92.1 138.1



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: 108.906 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

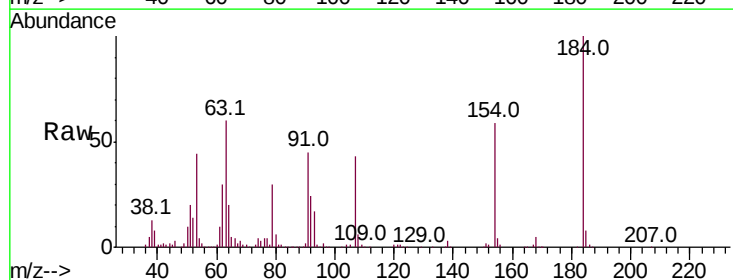
Tgt Ion:184 Resp: 271080

Ion Ratio Lower Upper

184 100

63 59.7 46.6 70.0

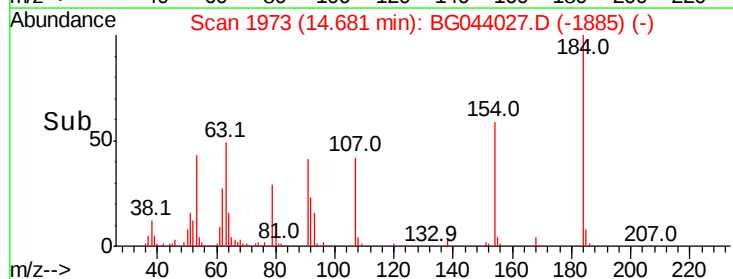
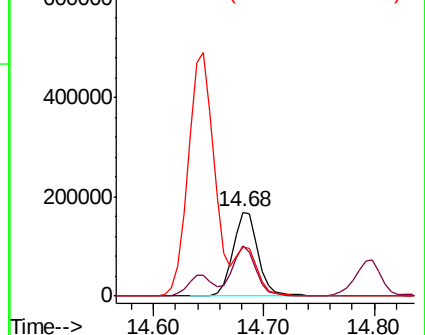
154 58.9 50.2 75.4

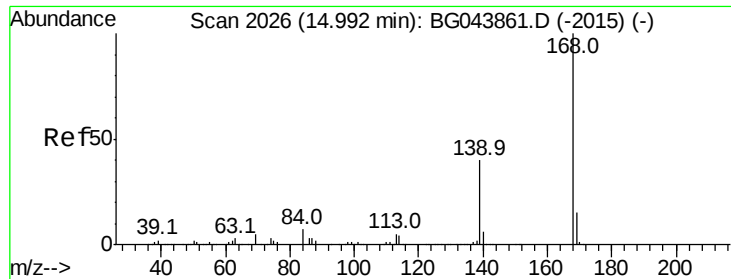


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

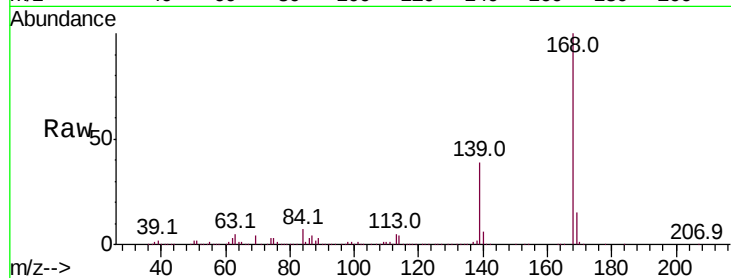




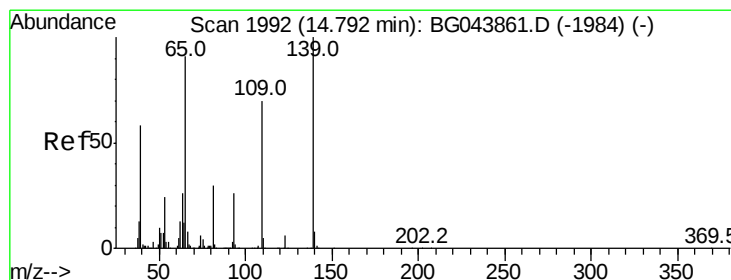
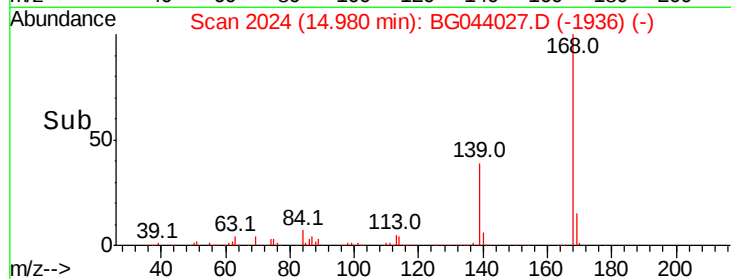
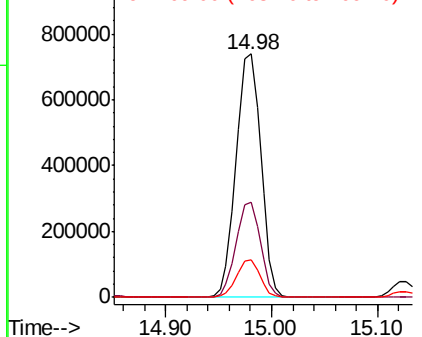
#55
Dibenzofuran
Concen: 50.167 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 1204317
Ion Ratio Lower Upper
168 100
139 39.3 32.2 48.2
169 15.4 12.2 18.2

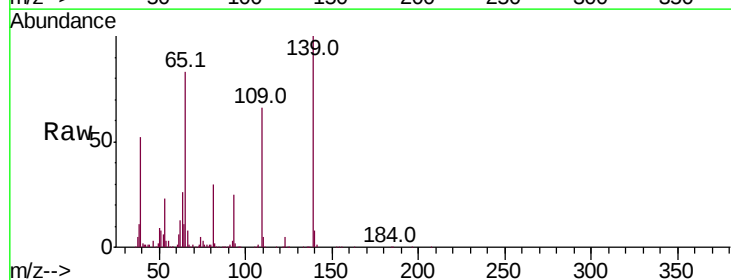


Abundance Ion 168.00 (167.70 to 168.70): E
1000000 Ion 139.00 (138.70 to 139.70): E
800000 Ion 169.00 (168.70 to 169.70): E

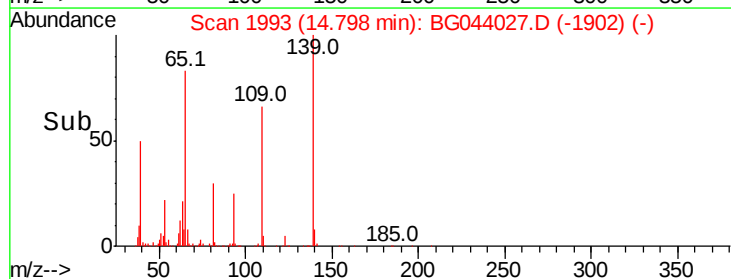
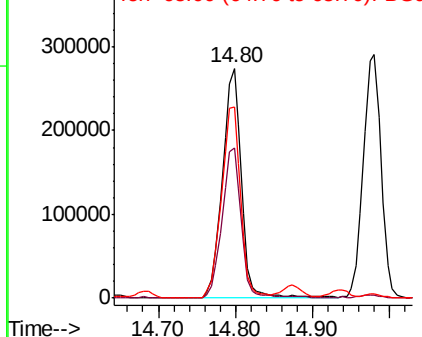


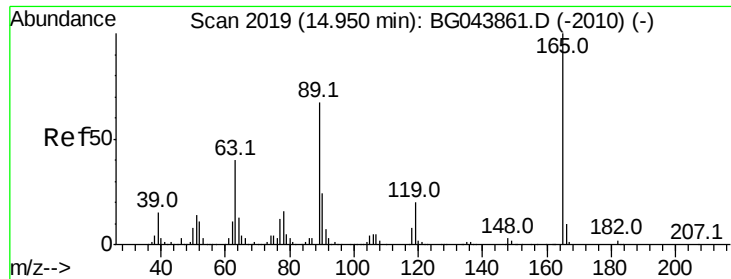
#56
4-Nitrophenol
Concen: 112.912 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Tgt Ion:139 Resp: 470874
Ion Ratio Lower Upper
139 100
109 65.5 50.4 90.4
65 83.3 71.4 111.4



Abundance Ion 139.00 (138.70 to 139.70): E
400000 Ion 109.00 (108.70 to 109.70): E
300000 Ion 65.00 (64.70 to 65.70): BGC

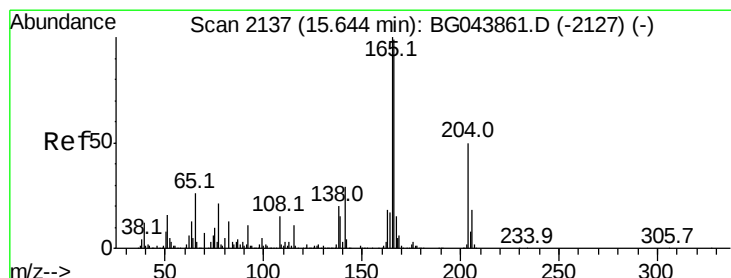
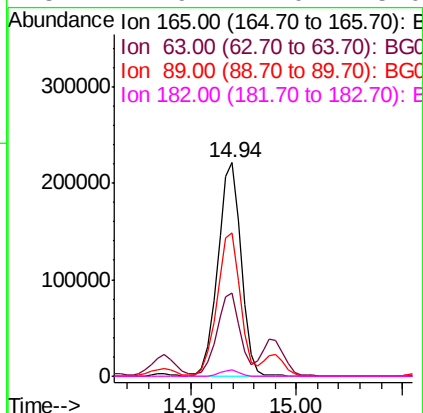
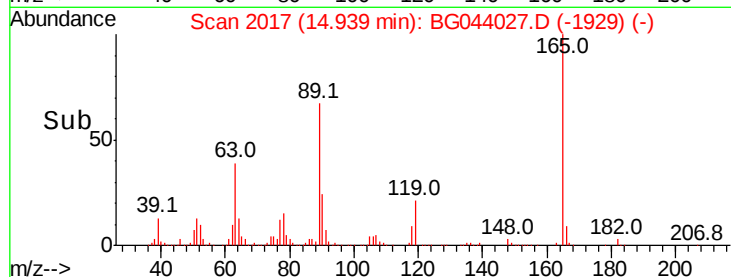
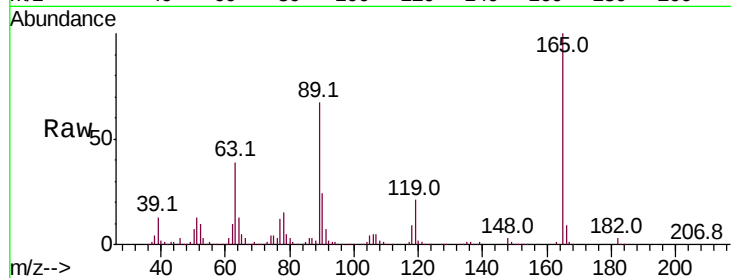




#57
2,4-Dinitrotoluene
Concen: 51.943 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

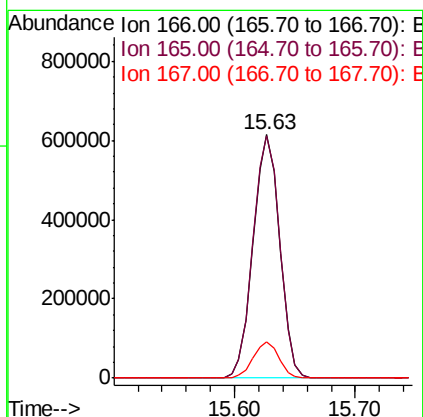
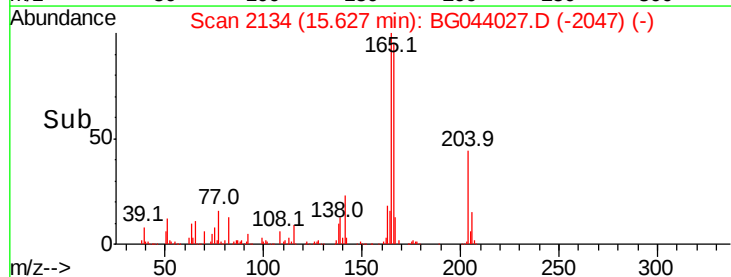
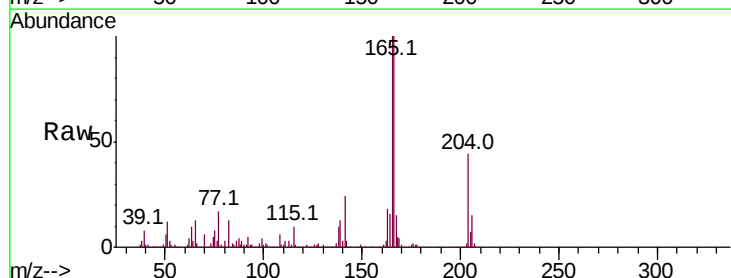
Instrument :
BNA_G
ClientSampleId :

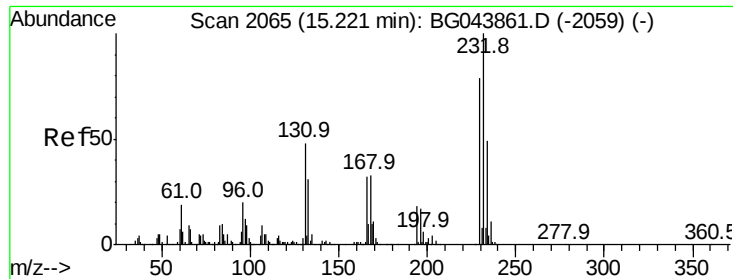
Tot Ion:165 Resp: 338711
Ion Ratio Lower Upper
165 100
63 38.8 31.9 47.9
89 67.1 53.8 80.6
182 2.9 2.0 3.0



#58
Fluorene
Concen: 49.787 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Tgt Ion:166 Resp: 947300
Ion Ratio Lower Upper
166 100
165 99.6 80.8 121.2
167 15.0 12.1 18.1

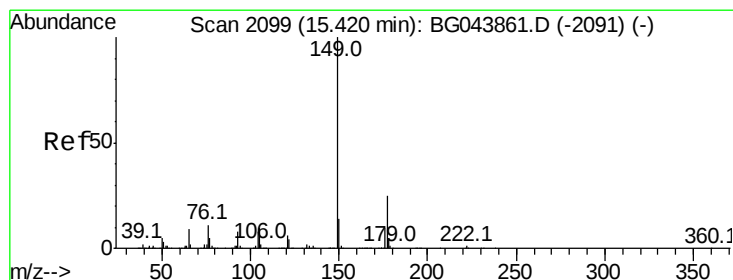
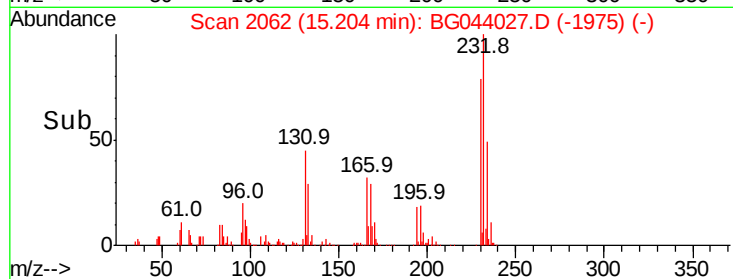
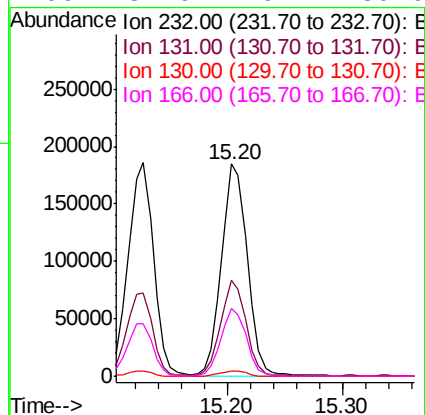
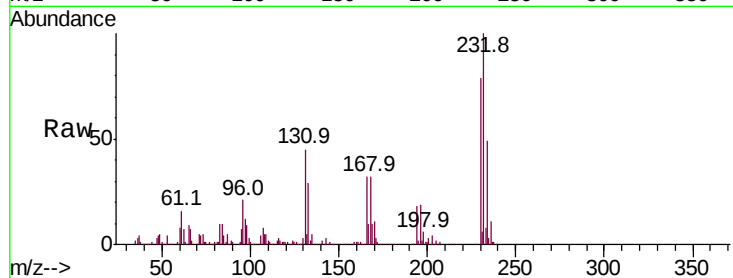




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.580 ng
RT: 15.20 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

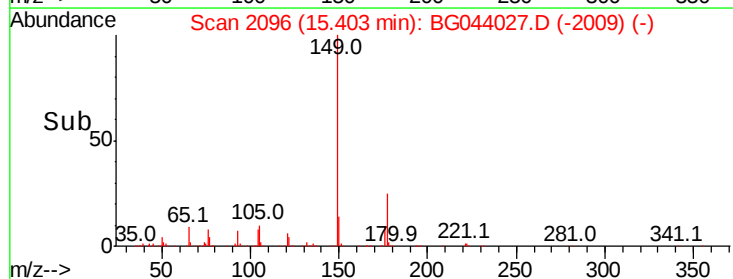
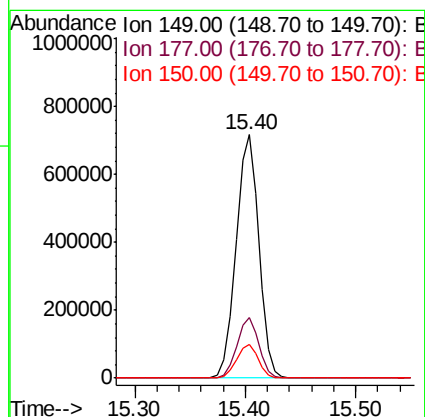
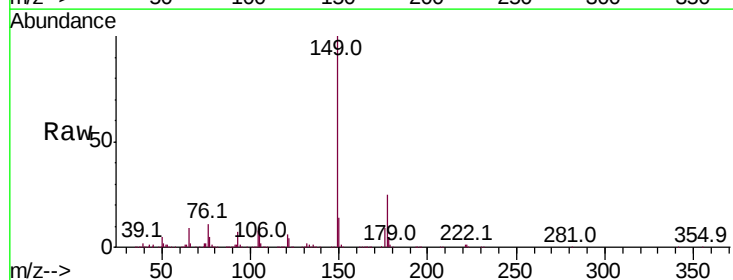
Instrument :
BNA_G
ClientSampleId :

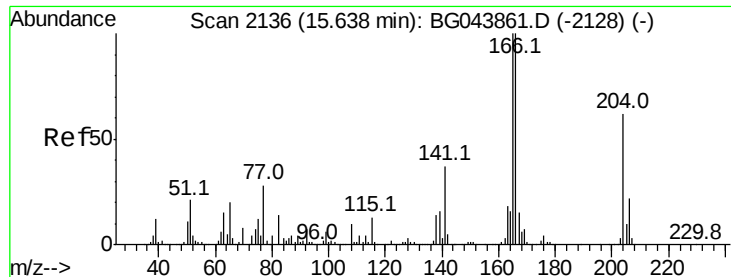
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.1	38.2	57.2
130	2.6	2.2	3.2
166	31.6	26.4	39.6



#60
Diethylphthalate
Concen: 48.796 ng
RT: 15.40 min Scan# 2096
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.8	20.0	30.0
150	13.9	11.1	16.7

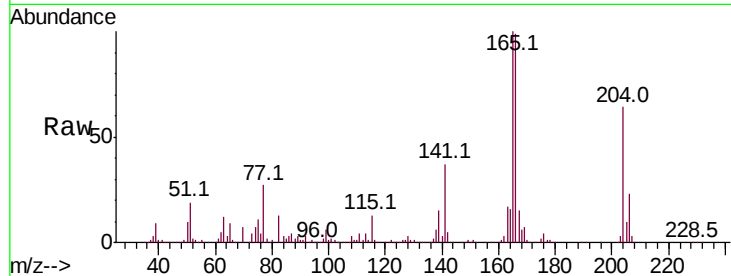




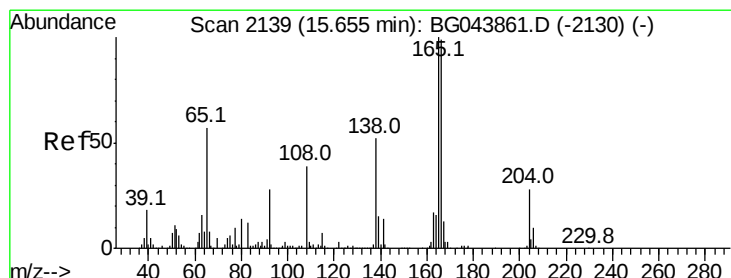
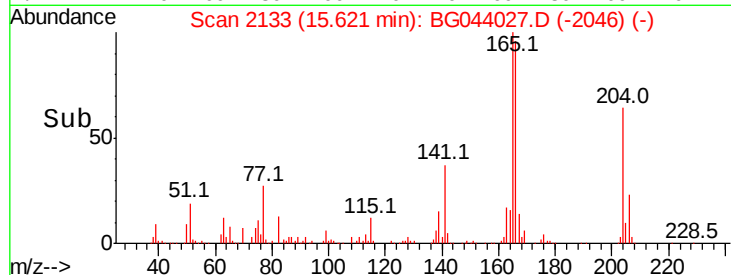
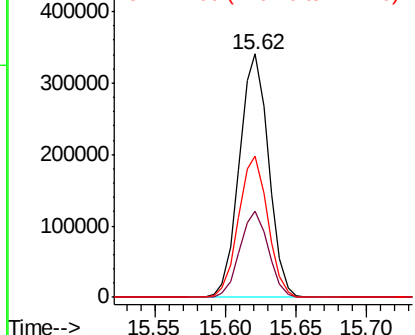
#61
4-Chlorophenyl-phenylether
Concen: 47.783 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 493684
Ion Ratio Lower Upper
204 100
206 35.5 28.2 42.2
141 58.1 48.2 72.2

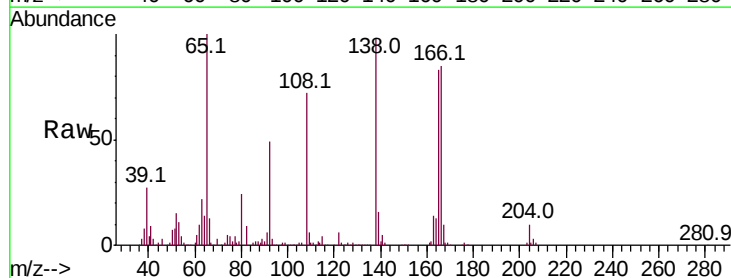


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

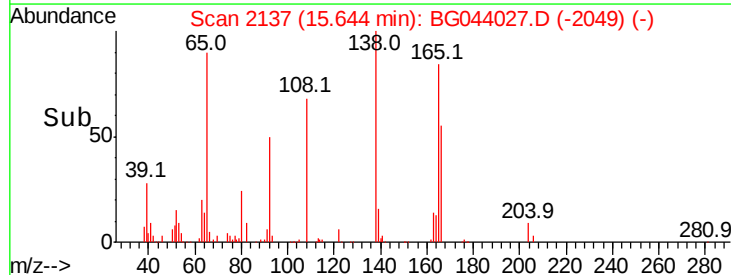
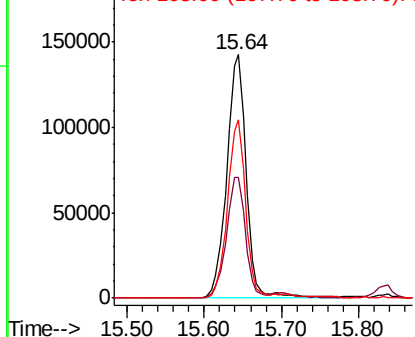


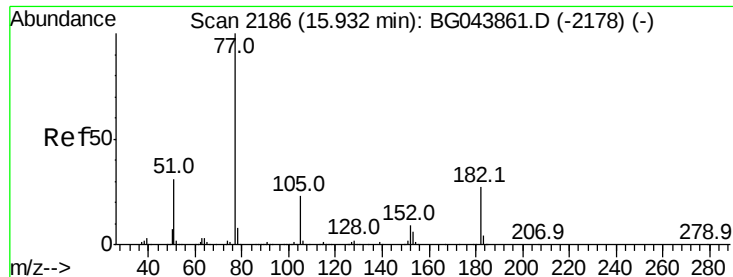
#62
4-Nitroaniline
Concen: 46.969 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Tgt Ion:138 Resp: 252418
Ion Ratio Lower Upper
138 100
92 49.8 34.3 74.3
108 73.4 55.0 95.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 48.613 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 956075

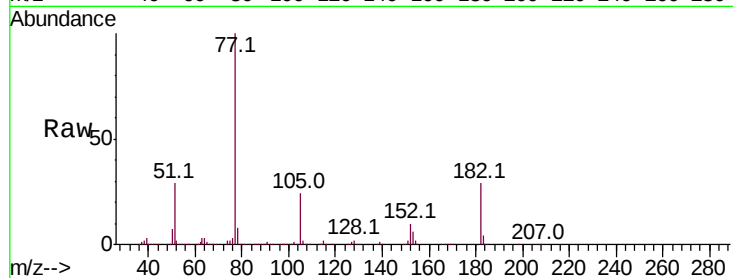
Ion Ratio Lower Upper

77 100

182 28.8 7.3 47.3

105 24.1 3.2 43.2

51 29.5 10.6 50.6

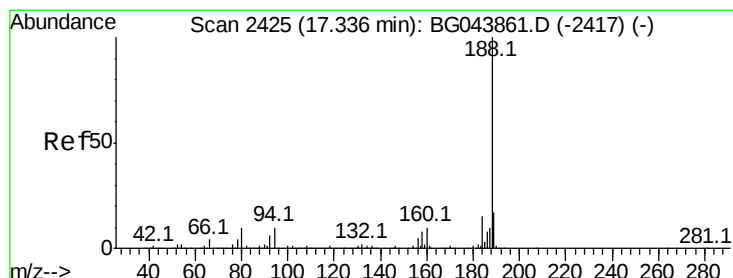
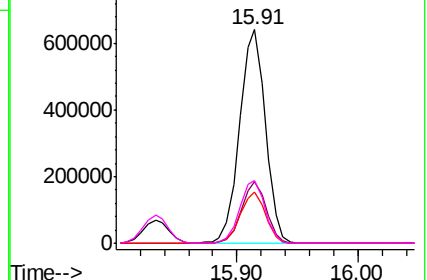
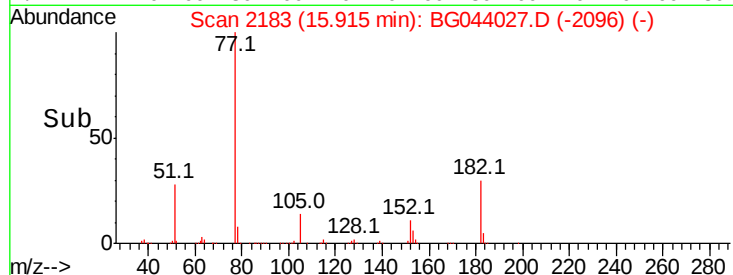


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.32 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

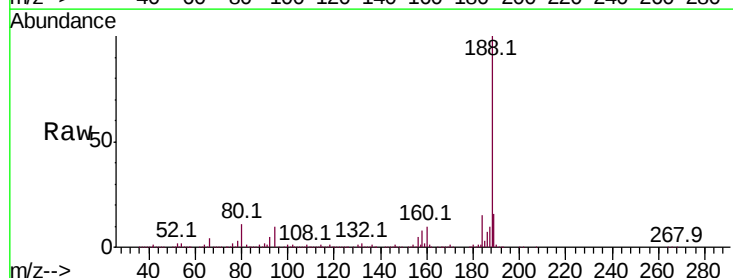
Tgt Ion: 188 Resp: 657177

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

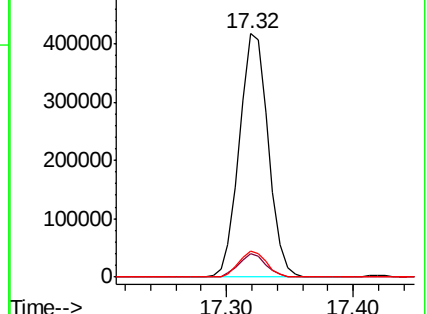
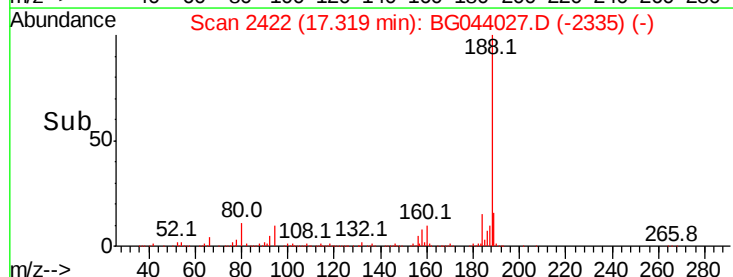
80 10.7 8.2 12.4

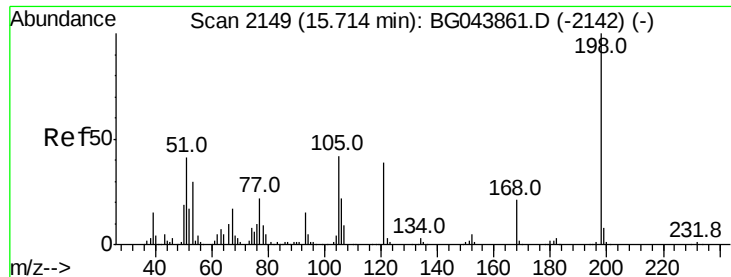


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

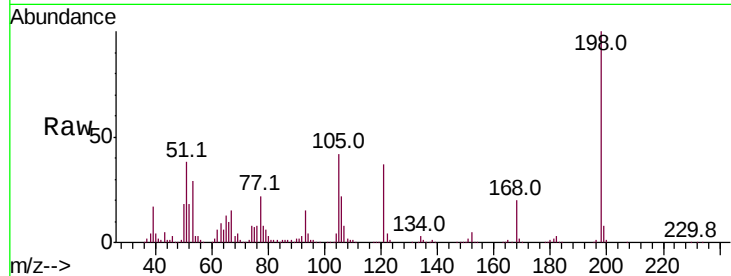




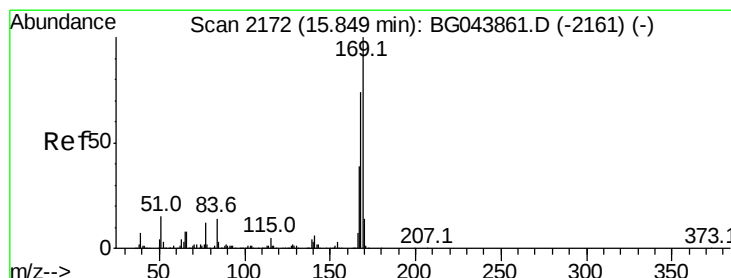
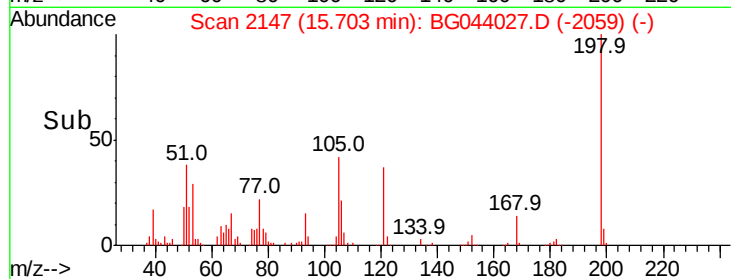
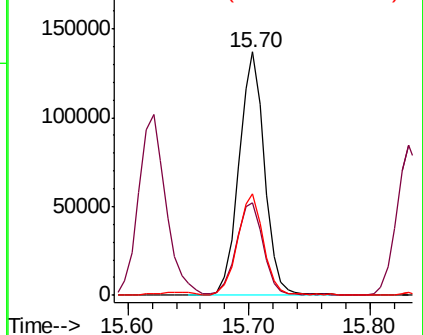
#65
 4,6-Dinitro-2-methylphenol
 Concen: 58.437 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG044027.D
 Acq: 14 Jan 2020 00:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.0	22.5	62.5
105	41.7	22.3	62.3

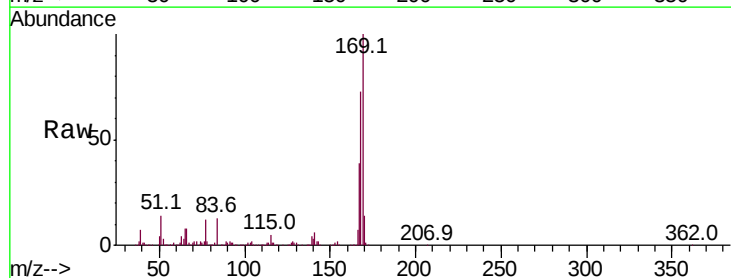


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

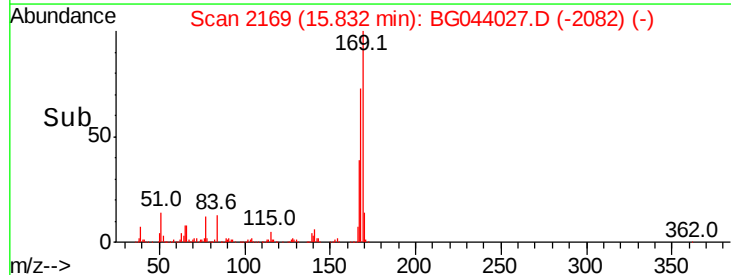
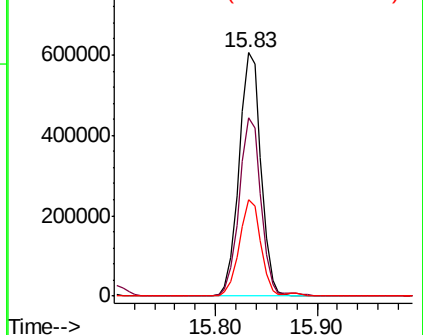


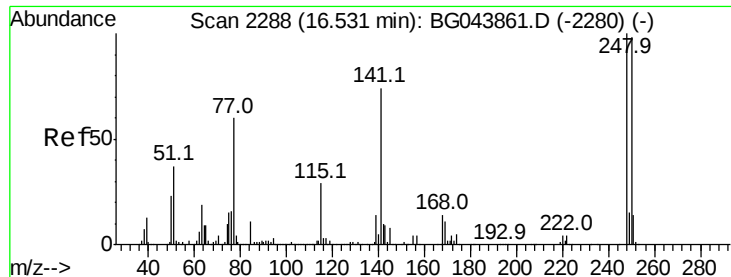
#66
 n-Nitrosodiphenylamine
 Concen: 46.804 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BG044027.D
 Acq: 14 Jan 2020 00:55

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.0	59.0	88.6
167	39.4	31.4	47.0



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





#67

4-Bromophenyl-phenylether

Concen: 43.983 ng

RT: 16.51 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

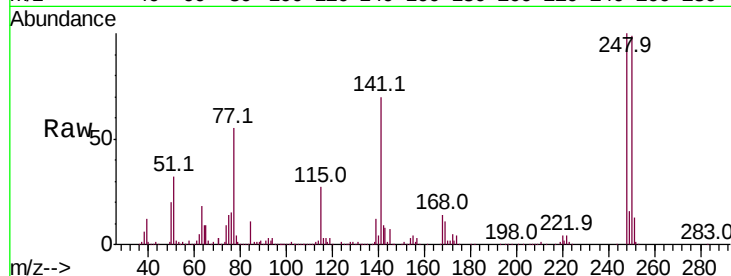
Instrument :

BNA_G

ClientSampled :

Tot Ion:248 Resp: 325089

Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.2	117.2
141	70.2	59.3	88.9

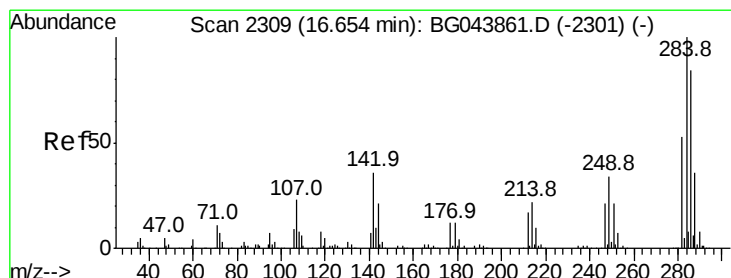
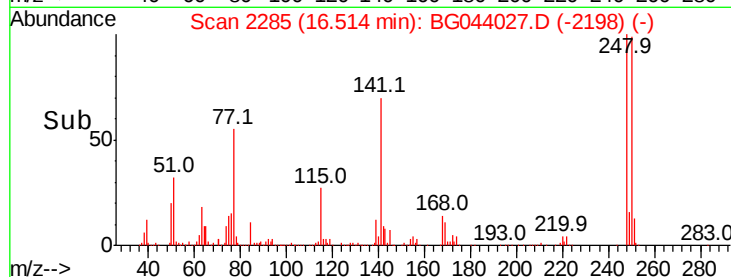
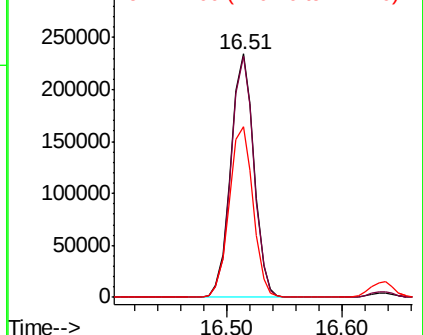


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 44.620 ng

RT: 16.64 min Scan# 2306

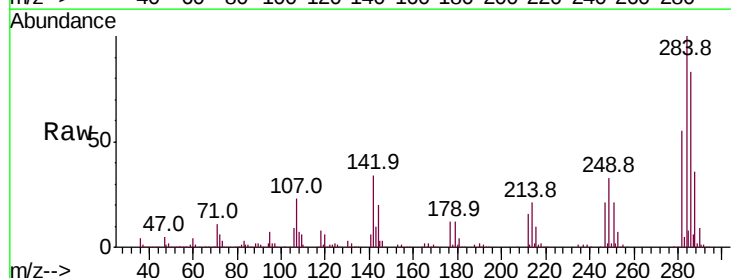
Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Tgt Ion:284 Resp: 355367

Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.6	43.0
249	33.2	27.0	40.6

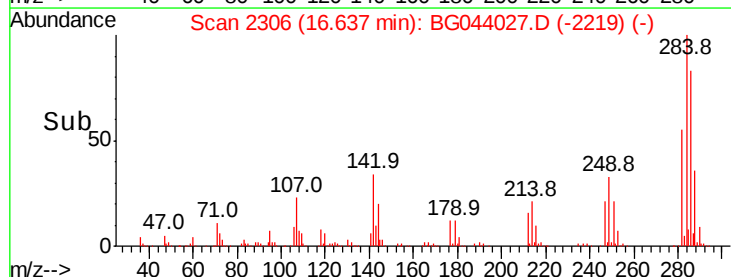
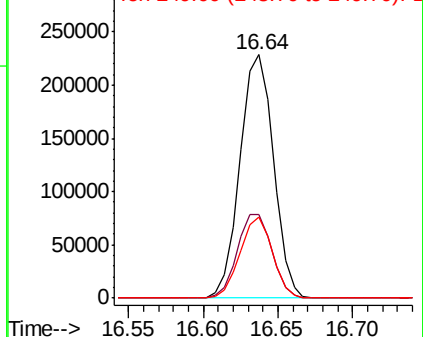


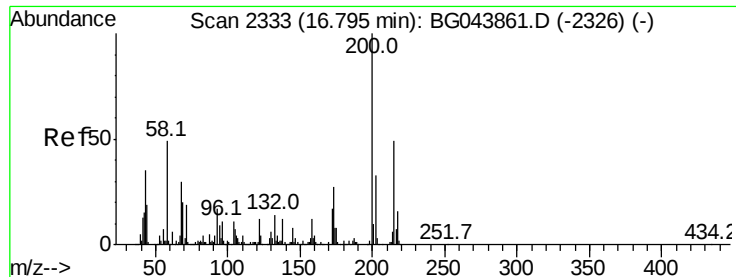
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 56.504 ng

RT: 16.78 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Instrument :

BNA_G

ClientSampleId :

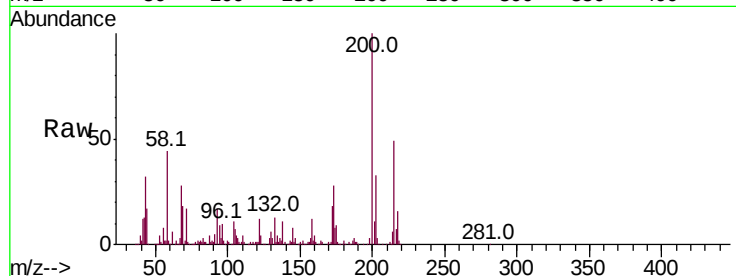
Tot Ion:200 Resp: 355452

Ion Ratio Lower Upper

200 100

173 27.7 6.6 46.6

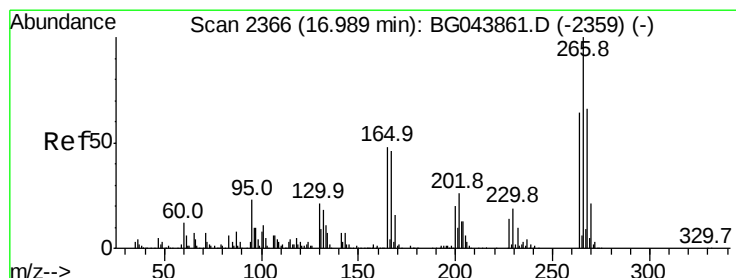
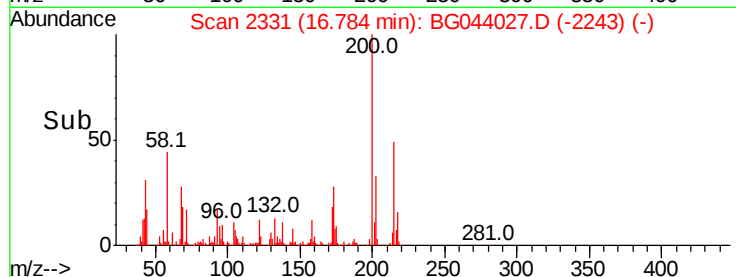
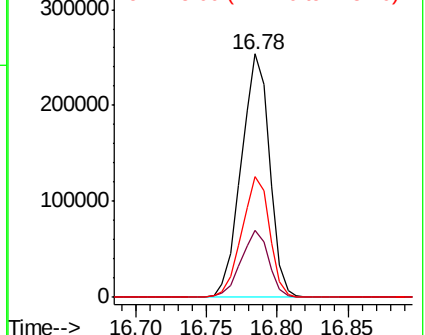
215 49.4 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 101.672 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.01 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

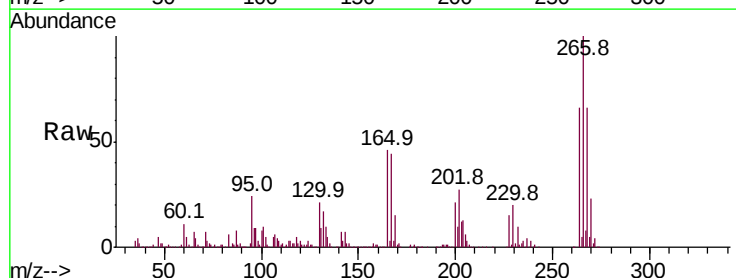
Tgt Ion:266 Resp: 446374

Ion Ratio Lower Upper

266 100

268 65.8 52.6 79.0

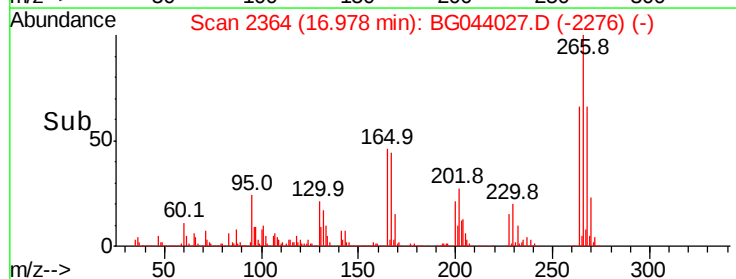
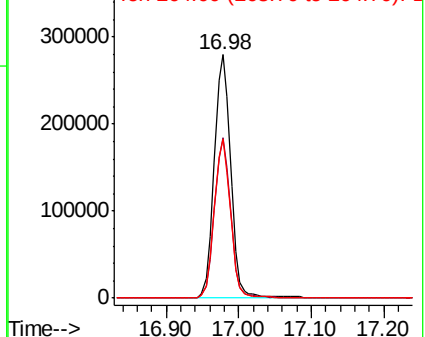
264 65.6 50.8 76.2

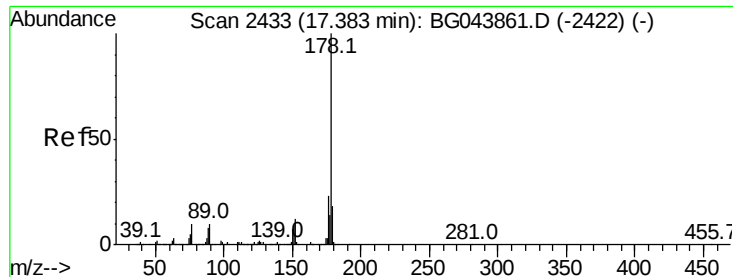


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 48.094 ng

RT: 17.37 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

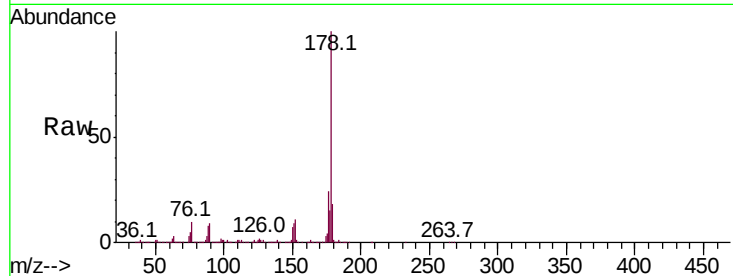
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1516007

Ion	Ratio	Lower	Upper
178	100		
176	23.6	18.6	28.0
179	18.5	14.4	21.6

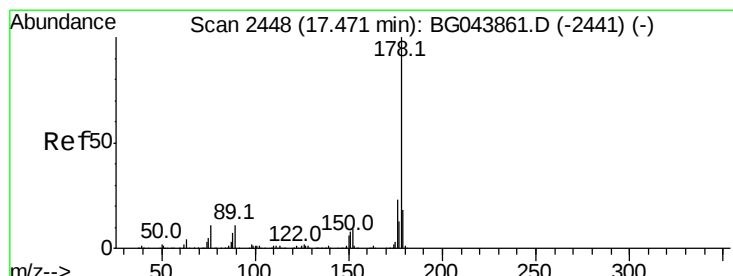
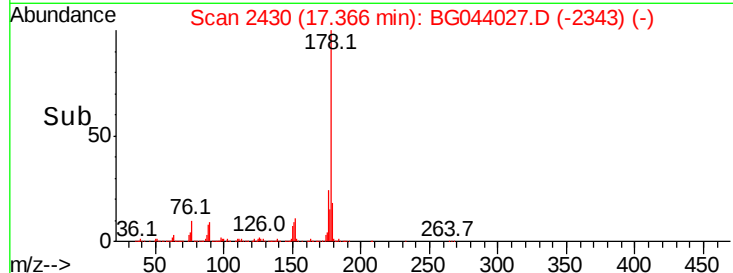
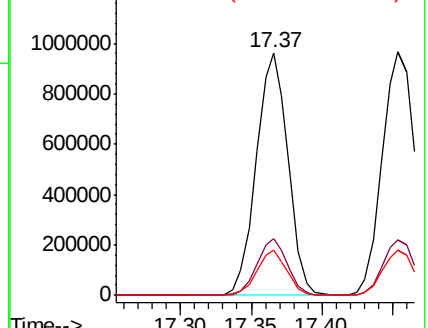


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.246 ng

RT: 17.45 min Scan# 2445

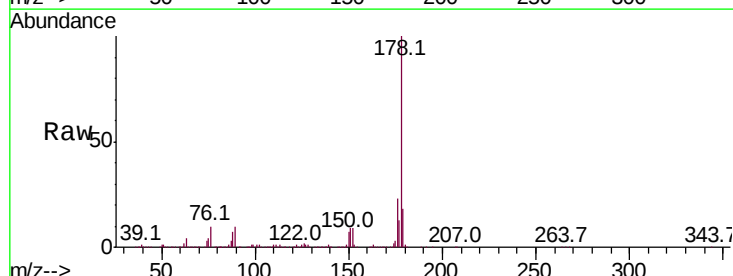
Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Tgt Ion:178 Resp: 1565265

Ion	Ratio	Lower	Upper
178	100		
176	22.9	18.3	27.5
179	18.3	14.6	22.0

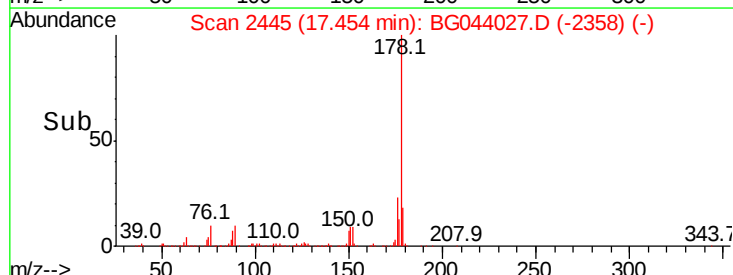
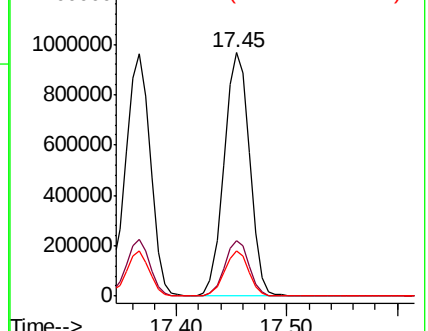


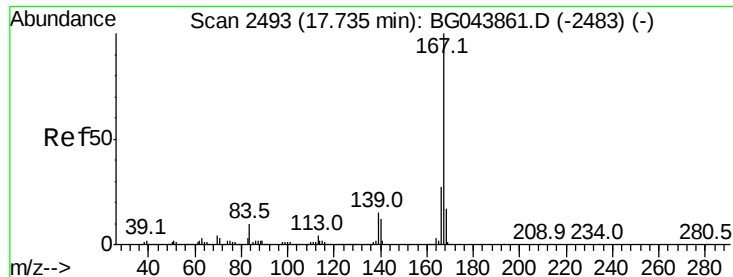
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



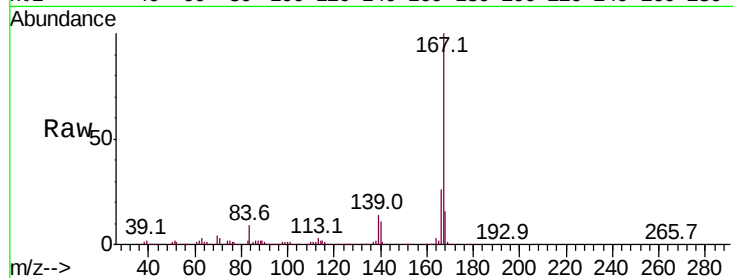


#73
 Carbazole
 Concen: 50.625 ng
 RT: 17.72 min Scan# 2491
 Delta R.T. -0.01 min
 Lab File: BG044027.D
 Acq: 14 Jan 2020 00:55

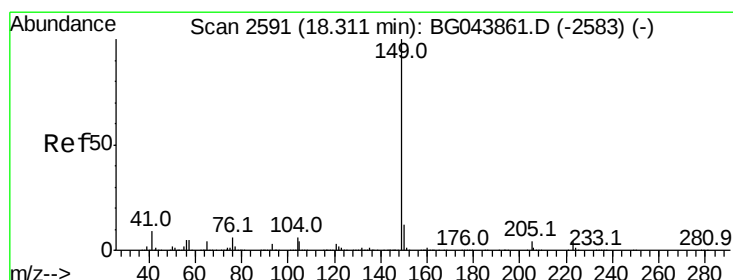
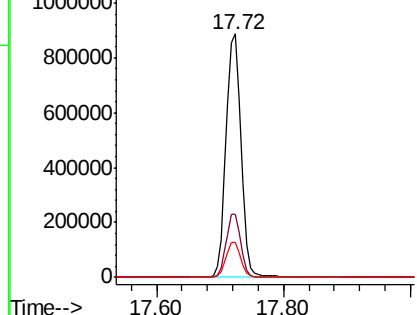
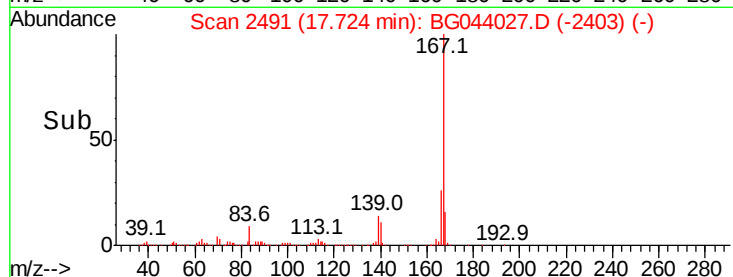
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:167 Resp: 1456767

Ion	Ratio	Lower	Upper
167	100		
166	26.2	21.6	32.4
139	14.1	12.1	18.1



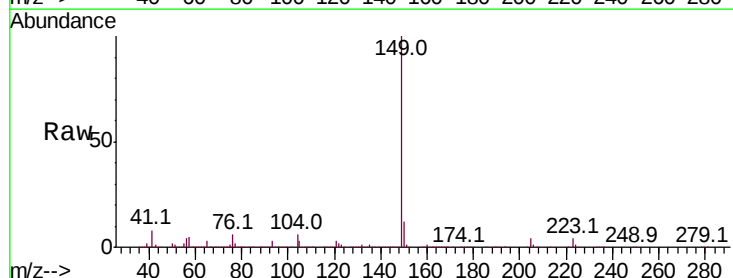
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



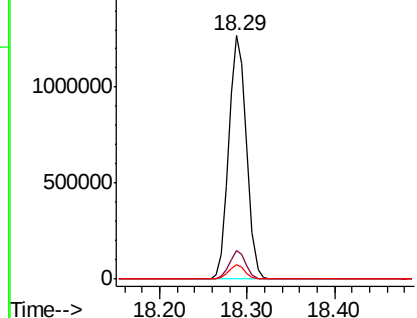
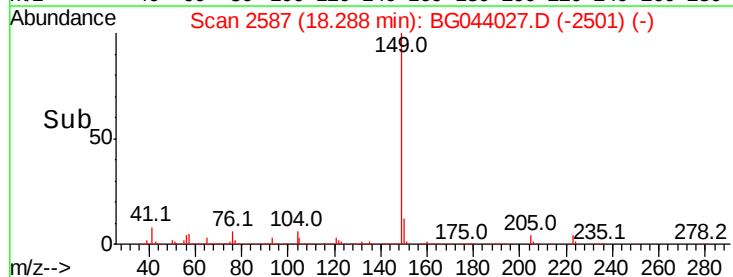
#74
 Di-n-butylphthalate
 Concen: 48.032 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.02 min
 Lab File: BG044027.D
 Acq: 14 Jan 2020 00:55

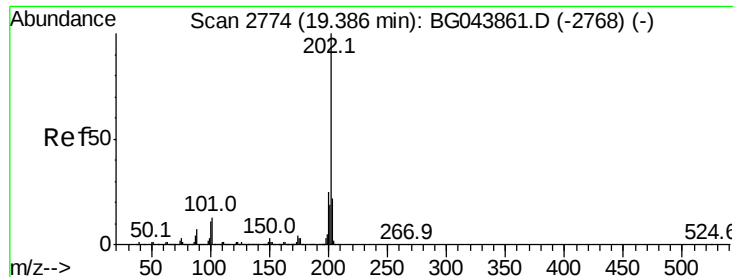
Tgt Ion:149 Resp: 1764690

Ion	Ratio	Lower	Upper
149	100		
150	11.8	9.7	14.5
104	5.9	5.0	7.4



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: 48.857 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Instrument :

BNA_G

ClientSampleId :

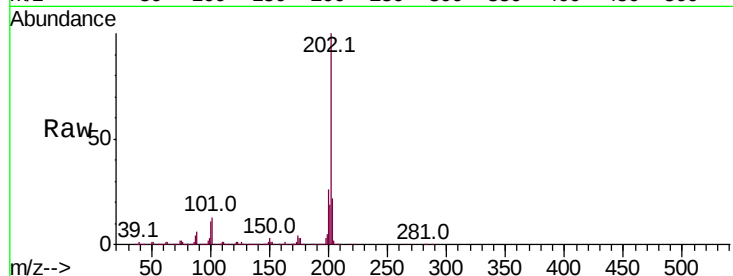
Tot Ion:202 Resp: 1761262

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.3

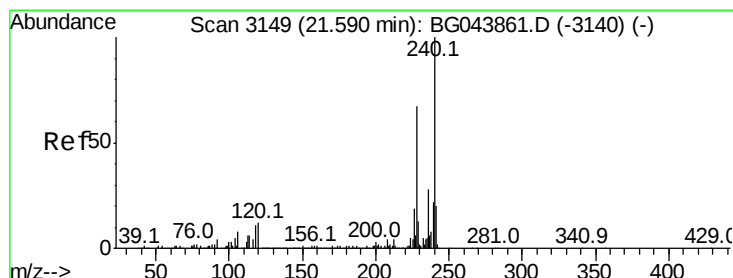
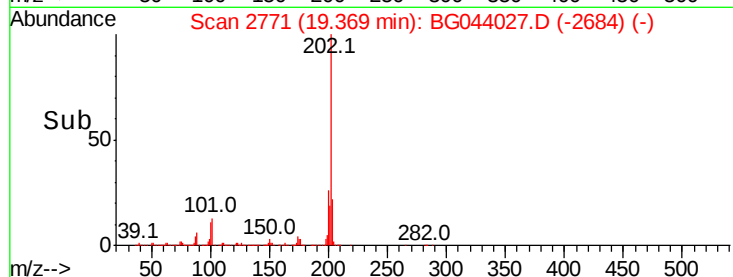
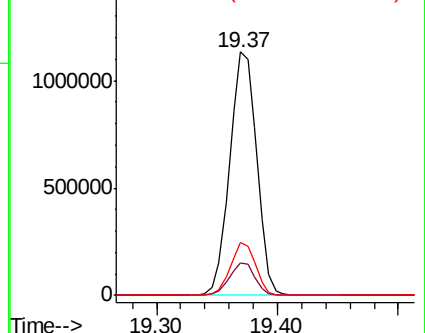
203 21.9 1.6 41.6



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: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

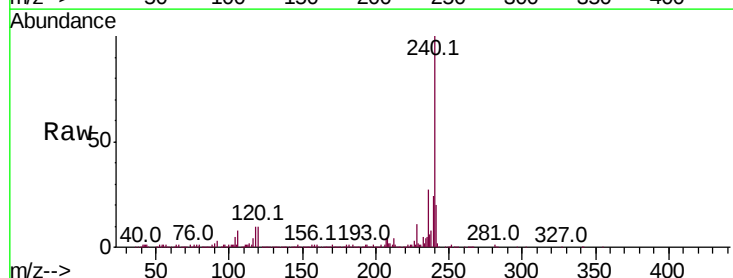
Tgt Ion:240 Resp: 580289

Ion Ratio Lower Upper

240 100

120 10.3 9.6 14.4

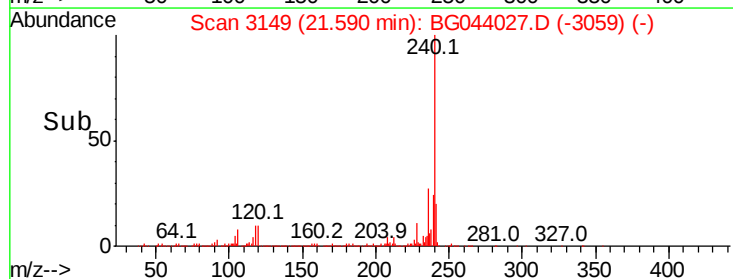
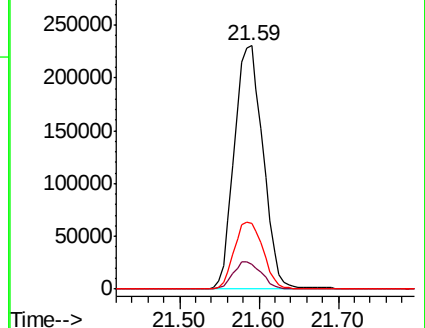
236 26.7 22.2 33.2

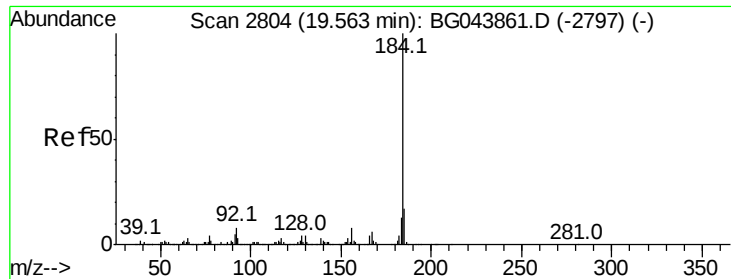


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

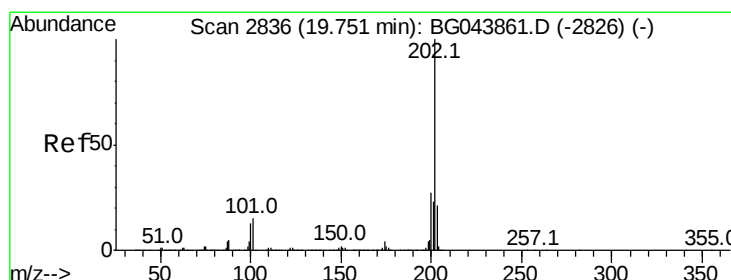
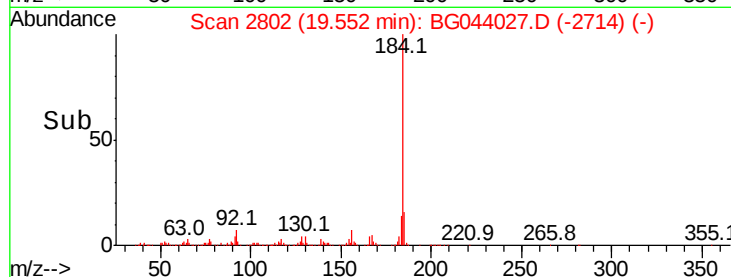
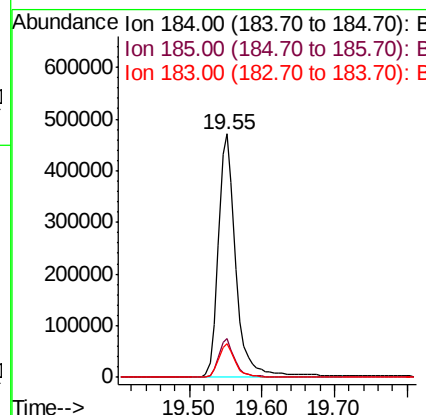
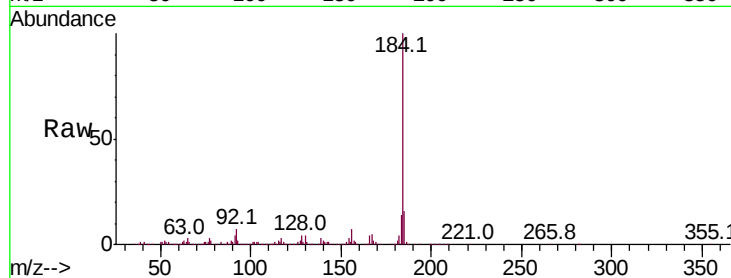




#77
Benzidine
Concen: 54.753 ng
RT: 19.55 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

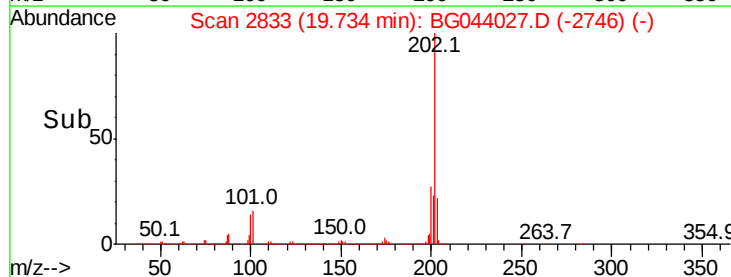
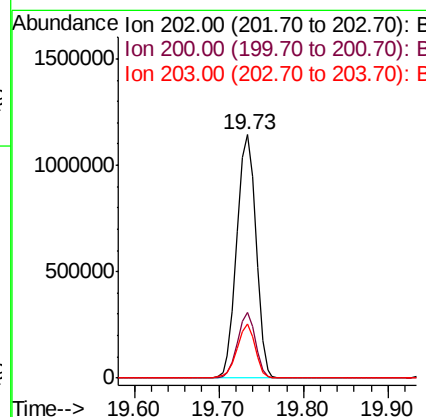
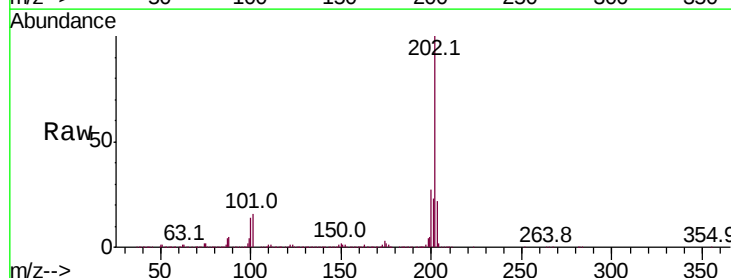
Instrument :
BNA_G
ClientSampleId :

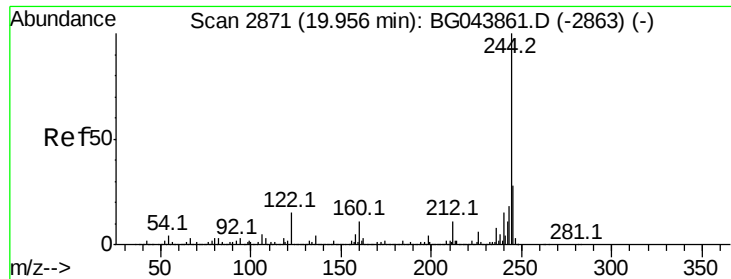
Tot Ion:184 Resp: 798621
Ion Ratio Lower Upper
184 100
185 15.8 13.4 20.0
183 14.0 10.6 15.8



#78
Pyrene
Concen: 46.764 ng
RT: 19.73 min Scan# 2833
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Tgt Ion:202 Resp: 1771327
Ion Ratio Lower Upper
202 100
200 27.1 21.7 32.5
203 22.1 17.0 25.6

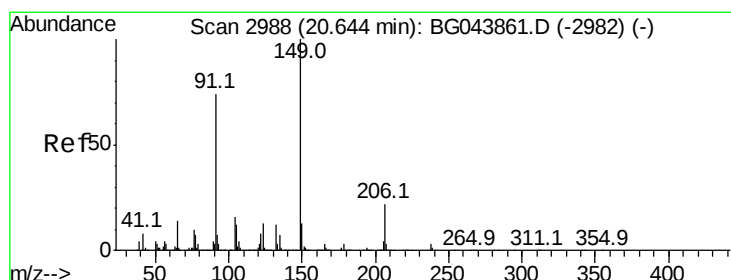
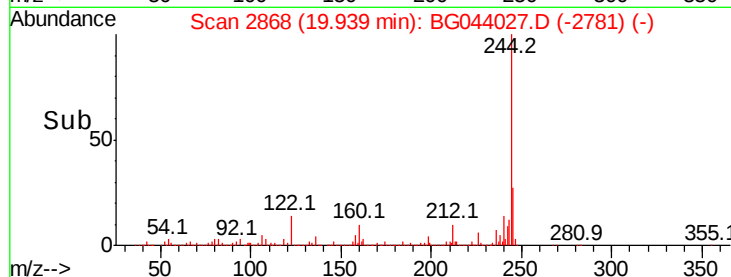
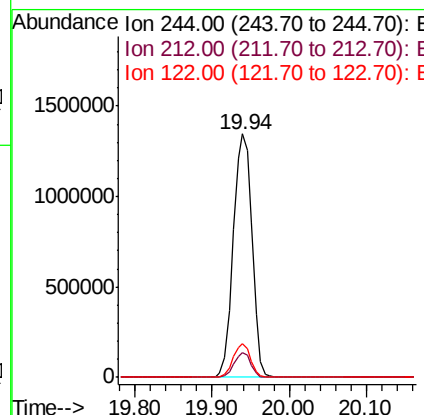
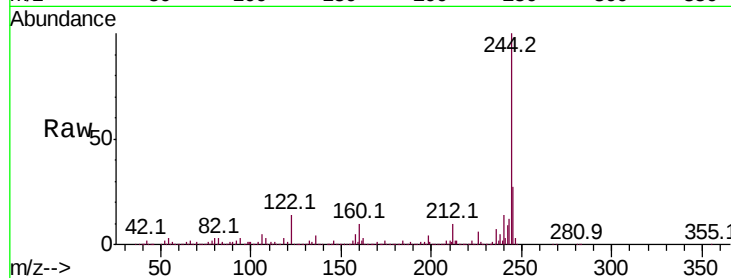




#79
 Terphenyl-d14
 Concen: 99.313 ng
 RT: 19.94 min Scan# 2868
 Delta R.T. -0.02 min
 Lab File: BG044027.D
 Acq: 14 Jan 2020 00:55

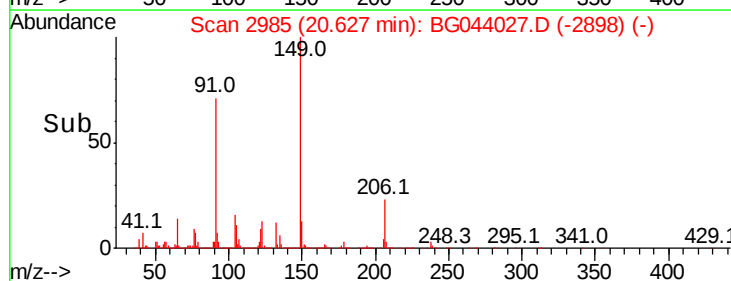
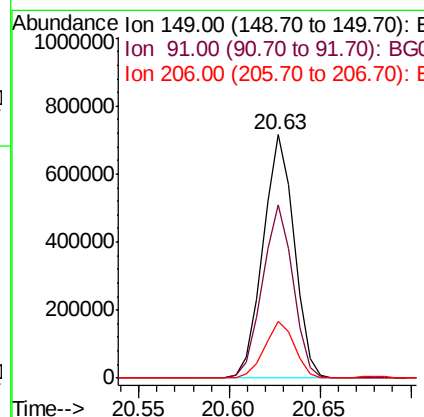
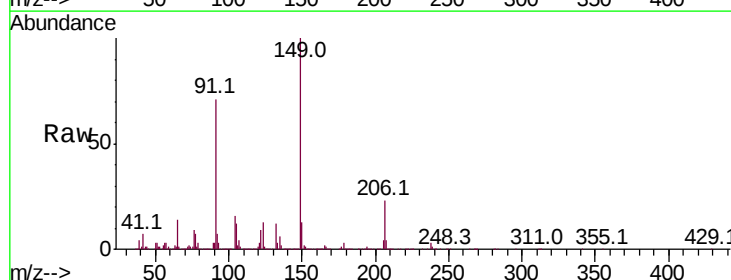
Instrument :
 BNA_G
 ClientSampleId :

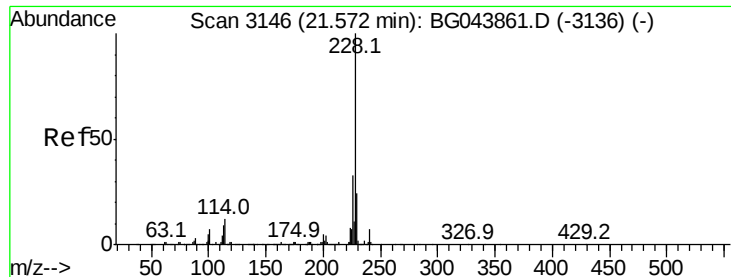
Tot Ion:244 Resp: 2289532
 Ion Ratio Lower Upper
 244 100
 212 10.0 8.6 13.0
 122 14.0 11.9 17.9



#80
 Butylbenzylphthalate
 Concen: 47.268 ng
 RT: 20.63 min Scan# 2985
 Delta R.T. -0.02 min
 Lab File: BG044027.D
 Acq: 14 Jan 2020 00:55

Tgt Ion:149 Resp: 852389
 Ion Ratio Lower Upper
 149 100
 91 71.0 59.5 89.3
 206 23.1 17.8 26.6





#81

Benzo(a)anthracene

Concen: 47.824 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Instrument :

BNA_G

ClientSampleId :

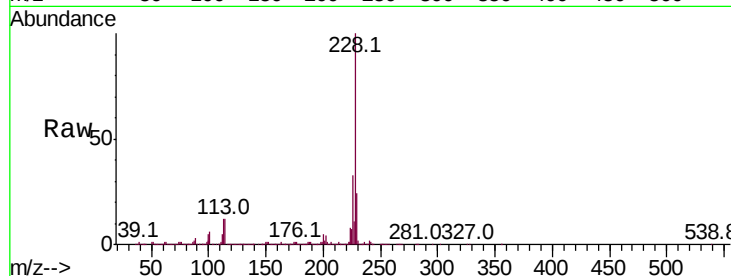
Tot Ion:228 Resp: 1720820

Ion Ratio Lower Upper

228 100

226 33.0 26.2 39.4

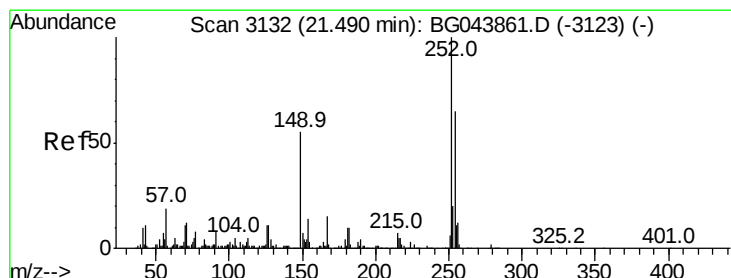
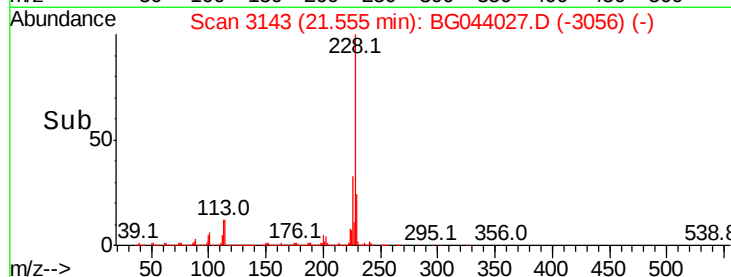
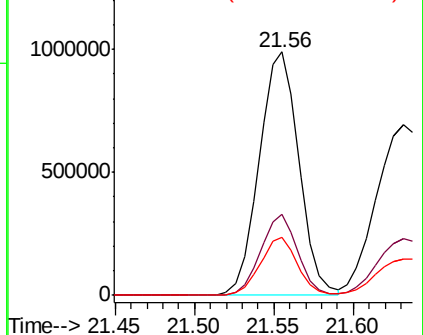
229 24.1 18.9 28.3



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: 24.696 ng

RT: 21.47 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

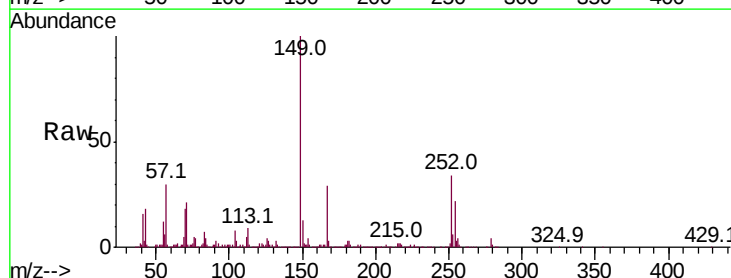
Tgt Ion:252 Resp: 351066

Ion Ratio Lower Upper

252 100

254 65.6 52.1 78.1

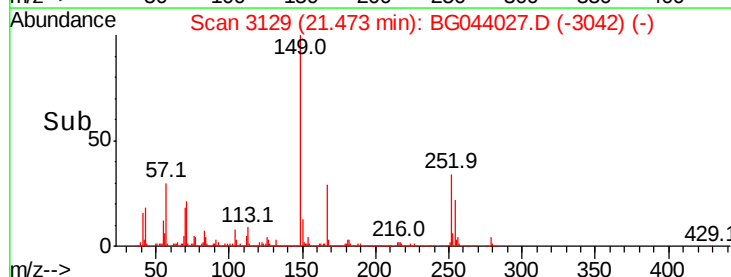
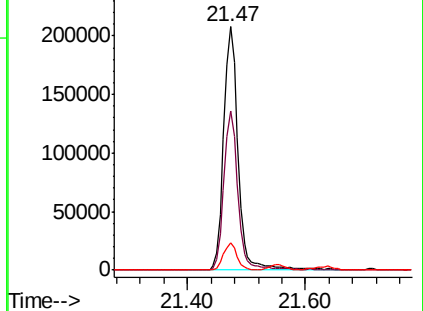
126 11.4 9.1 13.7

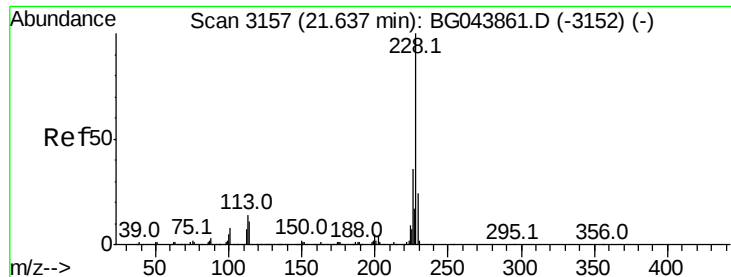


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.412 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

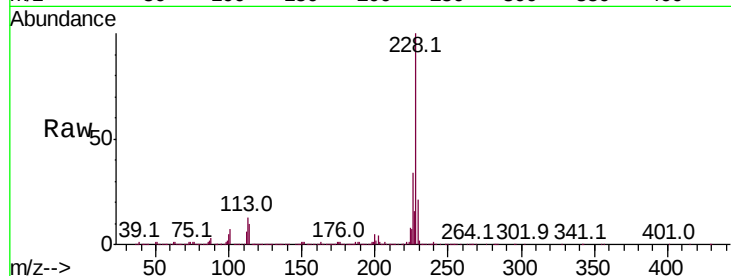
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1723585

Ion	Ratio	Lower	Upper
228	100		
226	33.7	28.8	43.2
229	21.4	19.0	28.6

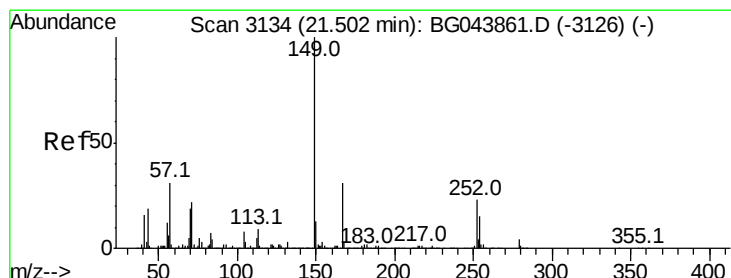
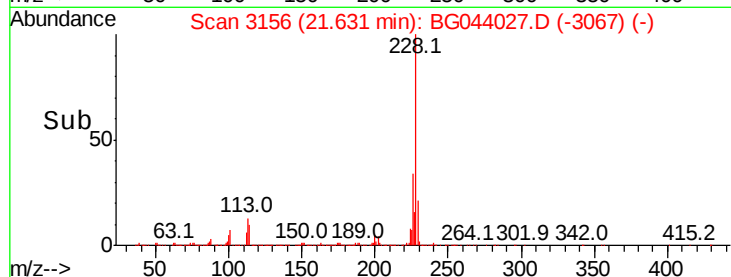
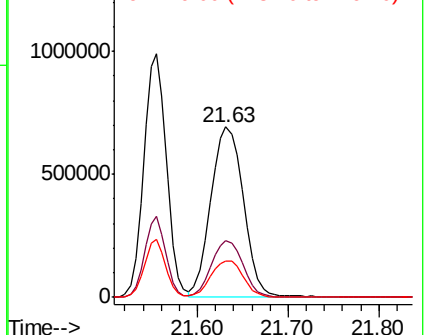


Abundance

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: 47.741 ng

RT: 21.48 min Scan# 3130

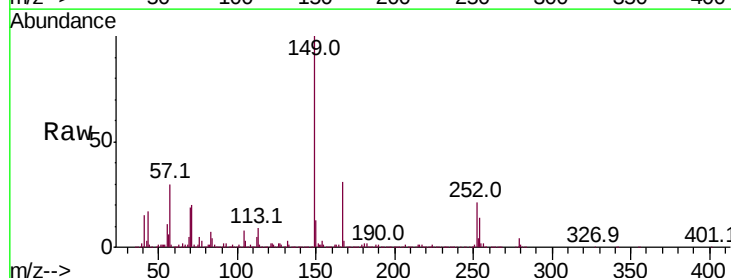
Delta R.T. -0.02 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Tgt Ion:149 Resp: 1187921

Ion	Ratio	Lower	Upper
149	100		
167	30.8	24.7	37.1
279	4.5	3.3	4.9

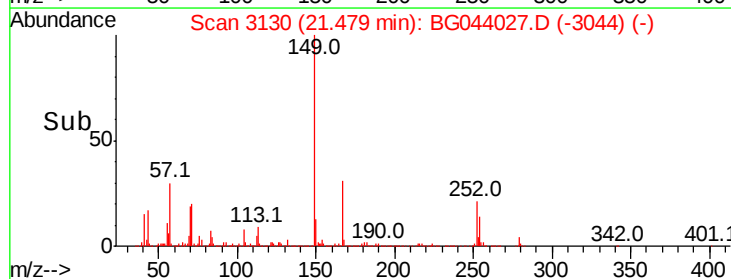
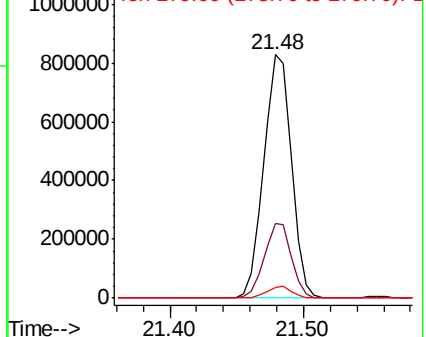


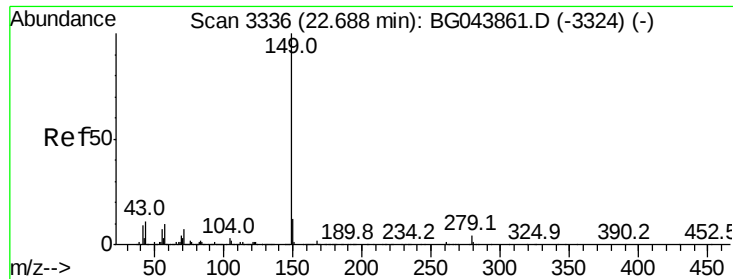
Abundance

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

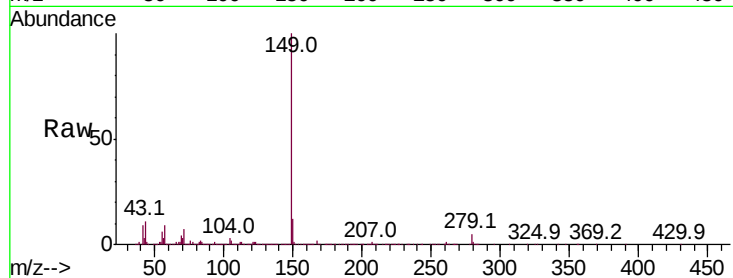




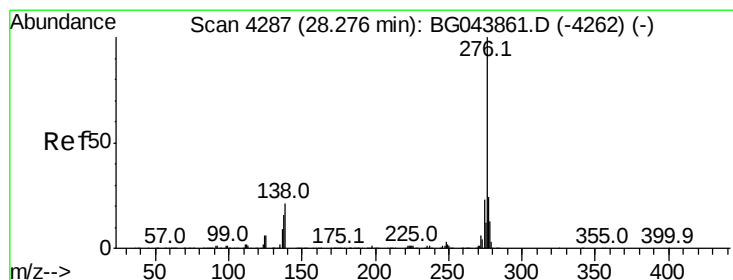
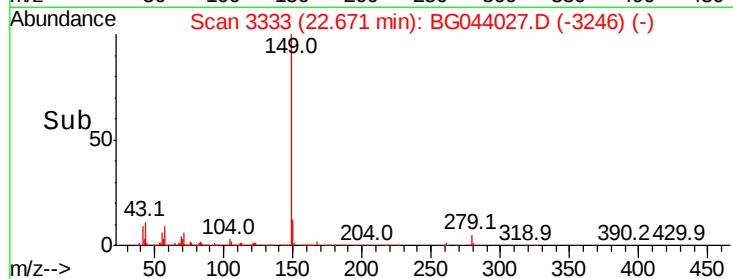
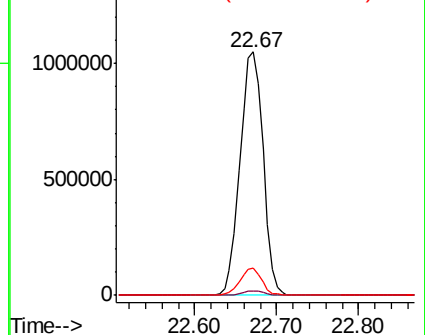
#85
Di-n-octyl phthalate
Concen: 49.382 ng
RT: 22.67 min Scan# 3333
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 2065714
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.2 8.8 13.2

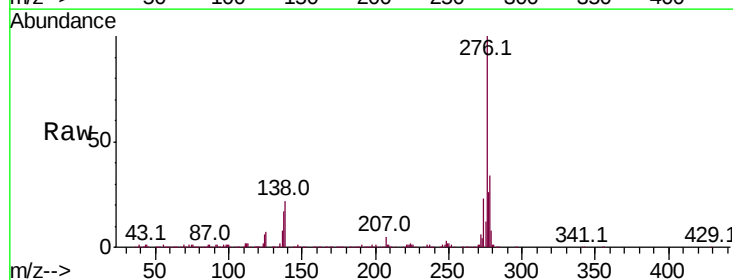


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

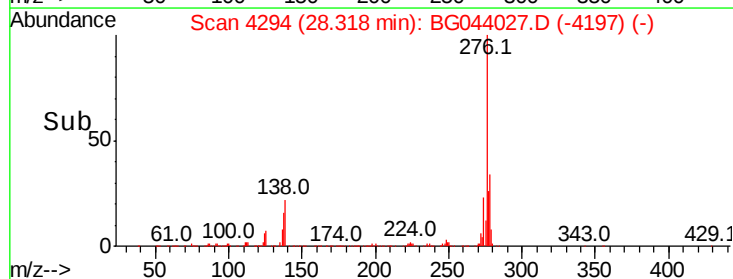
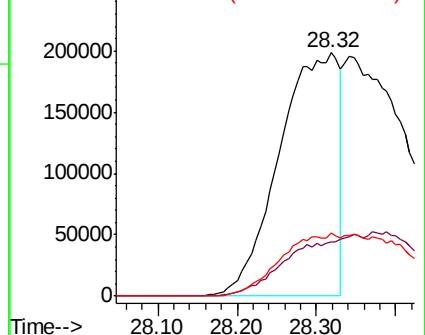


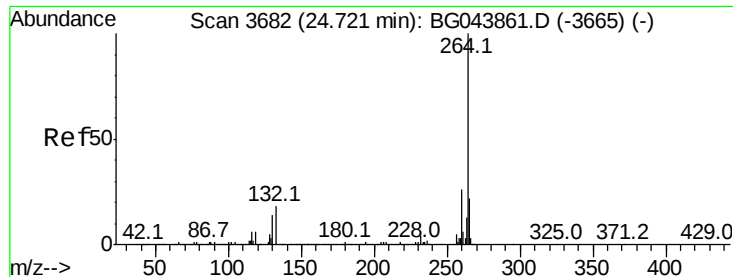
#86
Indeno(1,2,3-cd)pyrene
Concen: 22.221 ng
RT: 28.32 min Scan# 4294
Delta R.T. 0.04 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Tgt Ion:276 Resp: 1032473
Ion Ratio Lower Upper
276 100
138 0.0 21.0 31.4#
277 25.1 21.1 31.7



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

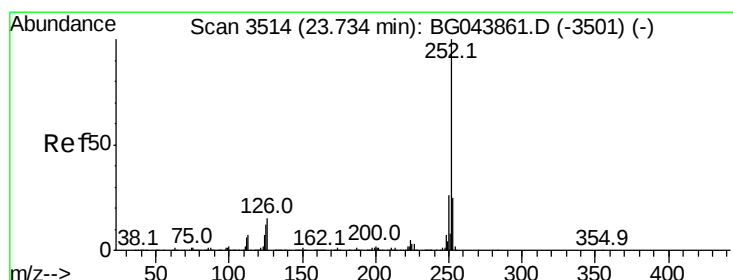
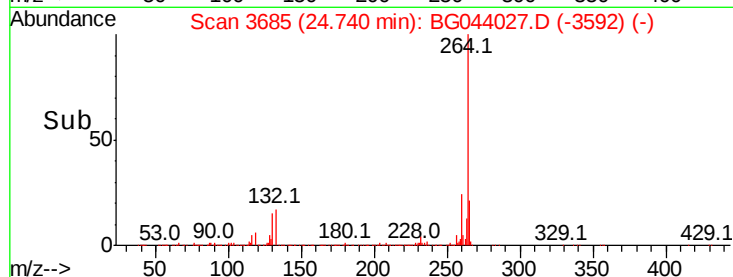
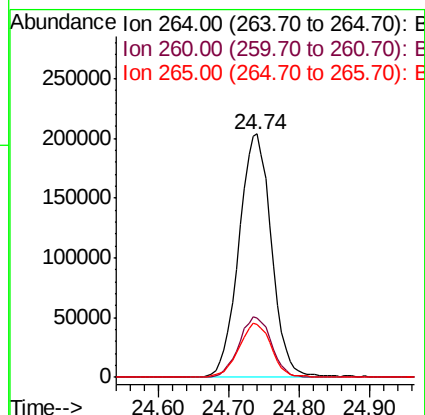
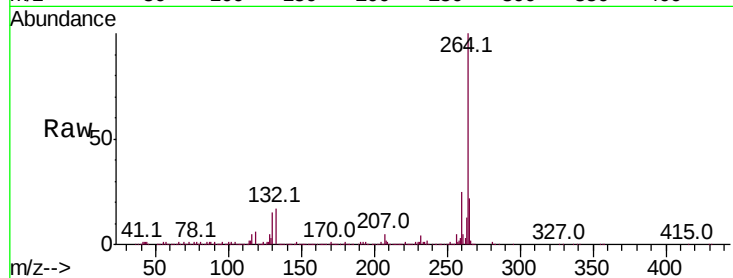




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3685
Delta R.T. 0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

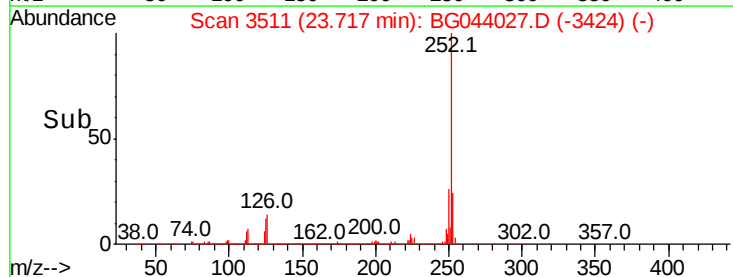
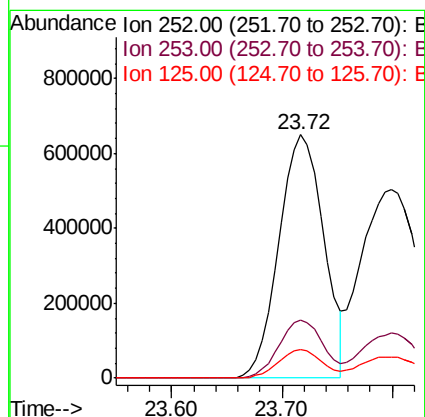
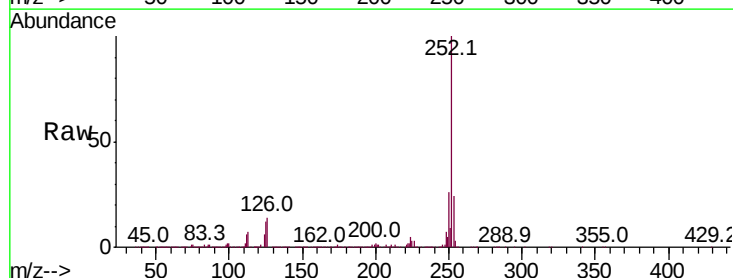
Instrument :
BNA_G
ClientSampleId :

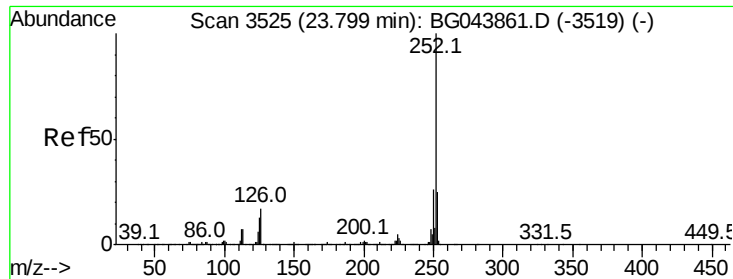
Tot Ion:264 Resp: 653887
Ion Ratio Lower Upper
264 100
260 24.6 20.4 30.6
265 21.5 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 47.170 ng
RT: 23.72 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Tgt Ion:252 Resp: 1823421
Ion Ratio Lower Upper
252 100
253 23.8 19.7 29.5
125 11.9 9.4 14.2

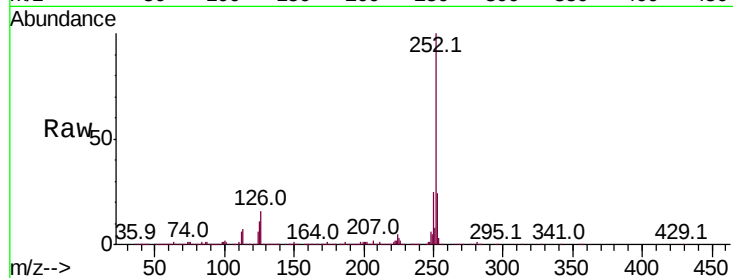




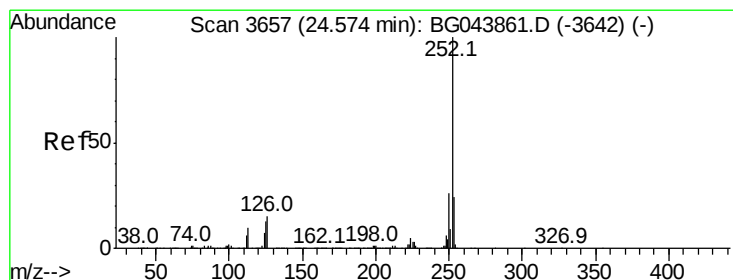
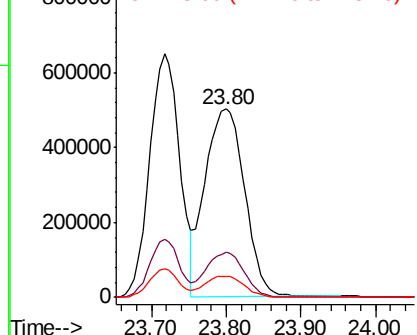
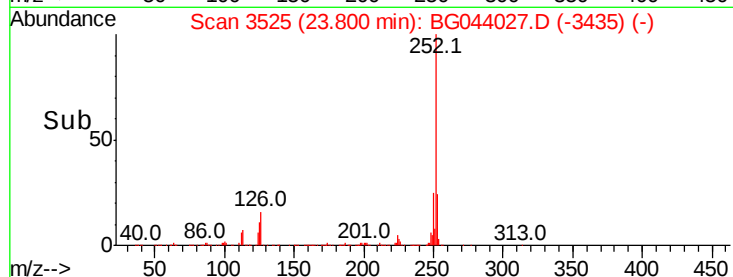
#89
Benzo(k)fluoranthene
Concen: 50.383 ng
RT: 23.80 min Scan# 3525
Delta R.T. 0.00 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1852035
Ion Ratio Lower Upper
252 100
253 24.2 19.4 29.2
125 11.3 9.9 14.9

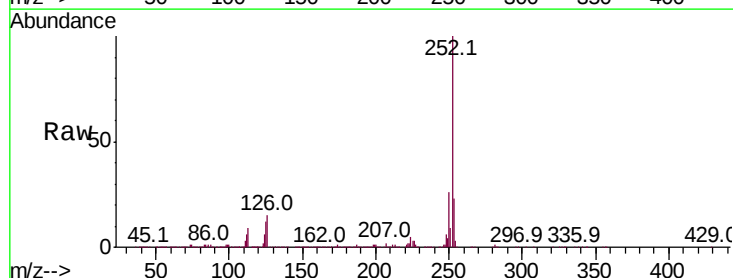


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

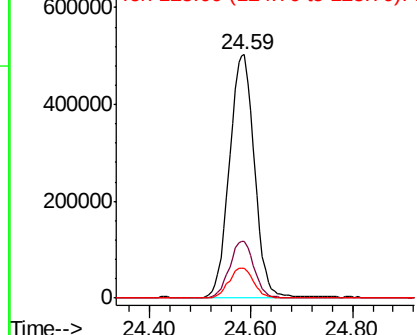
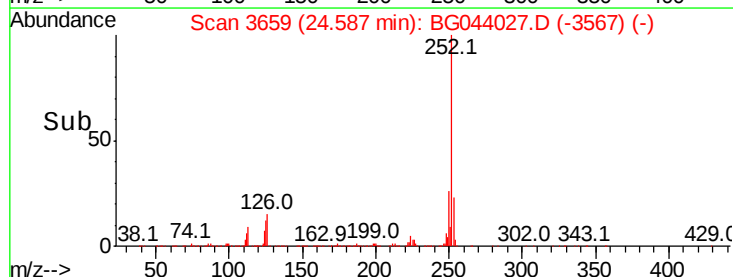


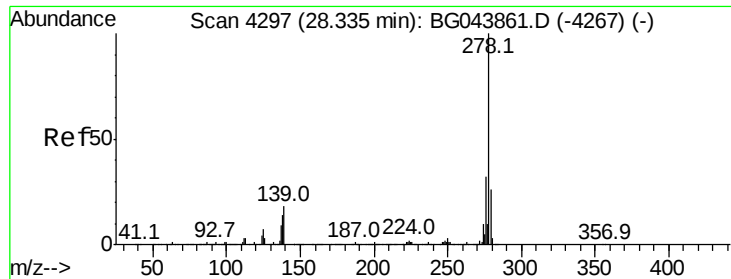
#90
Benzo(a)pyrene
Concen: 47.192 ng
RT: 24.59 min Scan# 3659
Delta R.T. 0.01 min
Lab File: BG044027.D
Acq: 14 Jan 2020 00:55

Tgt Ion:252 Resp: 1721801
Ion Ratio Lower Upper
252 100
253 23.3 19.3 28.9
125 12.2 10.4 15.6



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: 49.045 ng

RT: 28.41 min Scan# 4309

Delta R.T. 0.07 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

Instrument :

BNA_G

ClientSampleId :

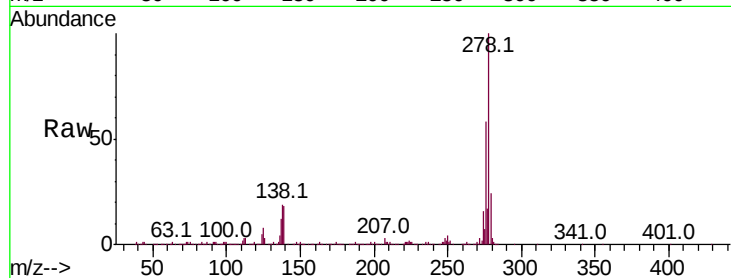
Tot Ion:278 Resp: 1797092

Ion Ratio Lower Upper

278 100

139 17.8 14.2 21.4

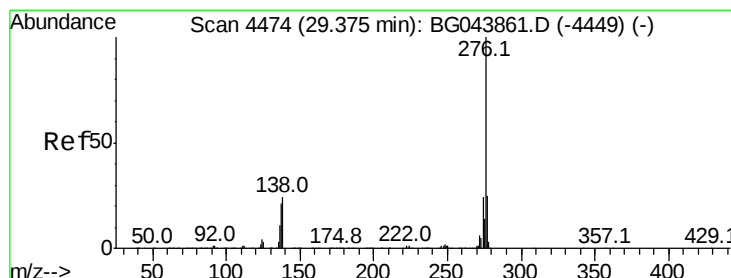
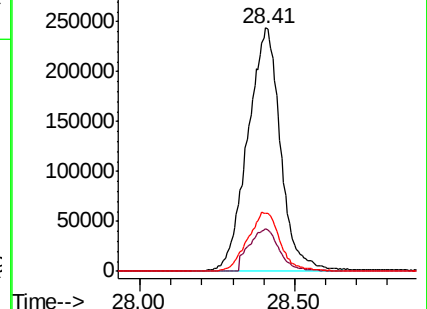
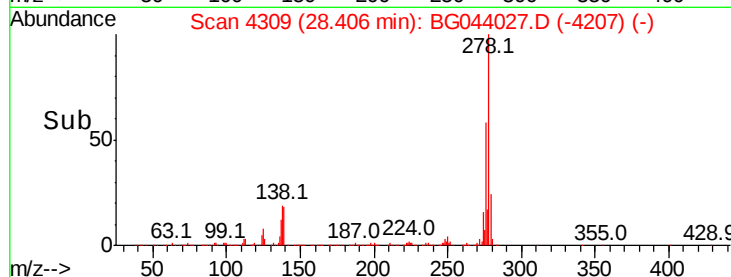
279 24.0 20.6 30.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.309 ng

RT: 29.53 min Scan# 4501

Delta R.T. 0.16 min

Lab File: BG044027.D

Acq: 14 Jan 2020 00:55

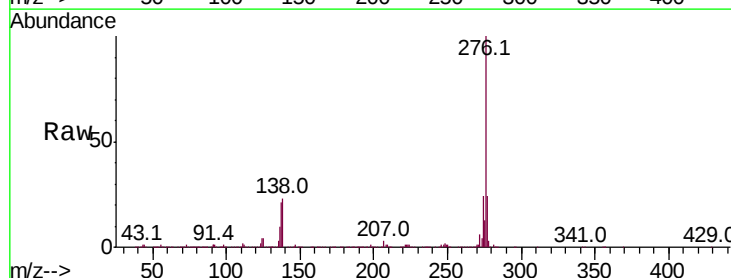
Tgt Ion:276 Resp: 1794687

Ion Ratio Lower Upper

276 100

277 24.2 20.2 30.4

138 22.7 19.0 28.6



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

