

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011520\
 Data File : BG044051.D
 Acq On : 15 Jan 2020 15:52
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 16 08:08:38 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	93646	20.00	ng	-0.01
21) Naphthalene-d8	10.75	136	394227	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	258901	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	564965	20.00	ng	-0.01
76) Chrysene-d12	21.57	240	493369	20.00	ng	-0.02
87) Perylene-d12	24.68	264	557559	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	457869	89.77	ng	-0.01
7) Phenol-d6	7.12	99	612695	85.94	ng	0.00
23) Nitrobenzene-d5	9.10	82	560039	76.00	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	242563	89.53	ng	-0.01
45) 2-Fluorobiphenyl	13.20	172	1230550	86.11	ng	-0.02
79) Terphenyl-d14	19.94	244	1773429	87.28	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.43	88	102187	45.952 ng	95
3) Pyridine	3.82	79	287904	43.825 ng	95
4) n-Nitrosodimethylamine	3.73	42	112684	38.527 ng	95
6) Aniline	7.27	93	376258	40.182 ng	97
8) 2-Chlorophenol	7.52	128	248203	41.453 ng	94
9) Benzaldehyde	7.08	77	160729	35.226 ng	98
10) Phenol	7.15	94	304701	41.482 ng	98
11) bis(2-Chloroethyl)ether	7.36	93	249338	39.325 ng	99
12) 1,3-Dichlorobenzene	7.84	146	293003	41.818 ng	99
13) 1,4-Dichlorobenzene	7.99	146	290775	42.060 ng	98
14) 1,2-Dichlorobenzene	8.30	146	276515	41.671 ng	99
15) Benzyl Alcohol	8.19	79	219134	38.947 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	354190	36.107 ng	99
17) 2-Methylphenol	8.39	107	215656	40.571 ng	98
18) Hexachloroethane	9.03	117	108600	40.371 ng	97
19) n-Nitroso-di-n-propylamine	8.75	70	201475	37.948 ng	98
20) 3+4-Methylphenols	8.72	107	301288	40.631 ng	96
22) Acetophenone	8.77	105	392518	40.050 ng	# 97
24) Nitrobenzene	9.14	77	276962	37.947 ng	99
25) Isophorone	9.67	82	531979	38.478 ng	98
26) 2-Nitrophenol	9.85	139	149603	43.324 ng	97
27) 2,4-Dimethylphenol	9.92	122	203351	39.121 ng	97
28) bis(2-Chloroethoxy)methane	10.15	93	349865	37.958 ng	99
29) 2,4-Dichlorophenol	10.40	162	248325	40.050 ng	98
30) 1,2,4-Trichlorobenzene	10.61	180	276656	39.795 ng	98
31) Naphthalene	10.80	128	784361	41.115 ng	98
32) Benzoic acid	10.07	122	137996	34.609 ng	92
33) 4-Chloroaniline	10.90	127	364638	40.074 ng	98
34) Hexachlorobutadiene	11.09	225	165453	38.979 ng	97
35) Caprolactam	11.67	113	96299	41.721 ng	97
36) 4-Chloro-3-methylphenol	12.03	107	265932	40.289 ng	99
37) 2-Methylnaphthalene	12.40	142	581247	40.470 ng	98
38) 1-Methylnaphthalene	12.62	142	553475	40.660 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	297458	39.199 ng	99

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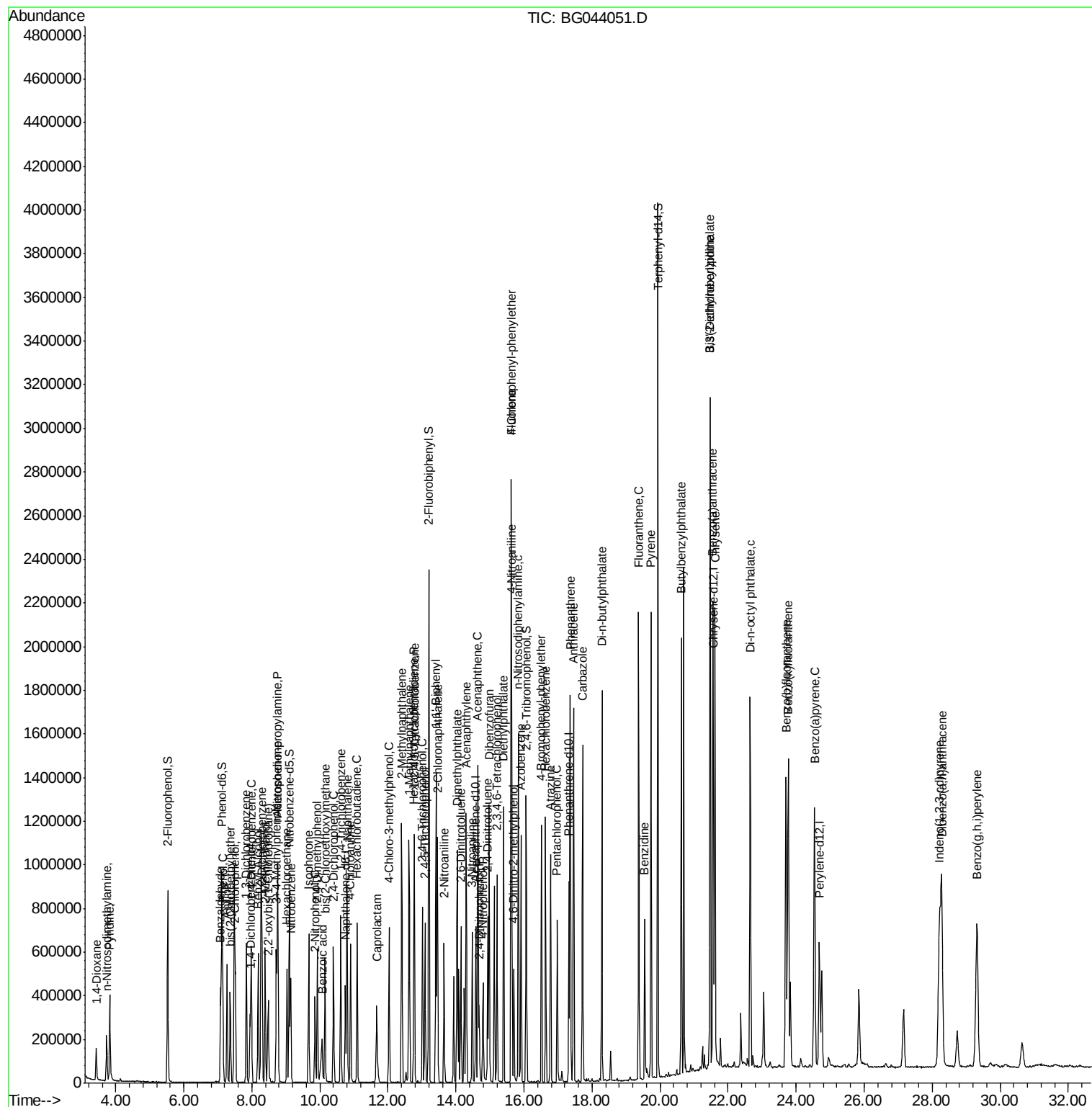
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	144661	36.771	ng	100
43) 2,4,6-Trichlorophenol	13.01	196	208261	39.886	ng	100
44) 2,4,5-Trichlorophenol	13.09	196	214492	39.829	ng	97
46) 1,1'-Biphenyl	13.41	154	759289	40.904	ng	98
47) 2-Chloronaphthalene	13.46	162	596391	39.760	ng	98
48) 2-Nitroaniline	13.65	65	185601	38.466	ng	97
49) Acenaphthylene	14.30	152	901285	41.805	ng	97
50) Dimethylphthalate	14.04	163	760720	41.382	ng	99
51) 2,6-Dinitrotoluene	14.15	165	167148	40.228	ng	95
52) Acenaphthene	14.65	154	585932	38.754	ng	96
53) 3-Nitroaniline	14.48	138	195198	41.370	ng	100
54) 2,4-Dinitrophenol	14.68	184	93121	46.460	ng	96
55) Dibenzofuran	14.98	168	875718	42.075	ng	97
56) 4-Nitrophenol	14.79	139	146972	40.648	ng	93
57) 2,4-Dinitrotoluene	14.94	165	243178	43.012	ng	97
58) Fluorene	15.63	166	691687	41.929	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	193045	41.688	ng	96
60) Diethylphthalate	15.40	149	772746	42.028	ng	98
61) 4-Chlorophenyl-phenylether	15.62	204	359290	40.110	ng	98
62) 4-Nitroaniline	15.64	138	195092	41.870	ng	94
63) Azobenzene	15.91	77	674087	39.532	ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	129867	44.924	ng	97
66) n-Nitrosodiphenylamine	15.83	169	638782	38.394	ng	99
67) 4-Bromophenyl-phenylether	16.52	248	240251	37.810	ng	97
68) Hexachlorobenzene	16.64	284	266117	38.868	ng	97
69) Atrazine	16.78	200	193926	35.859	ng	99
70) Pentachlorophenol	16.98	266	146977	38.942	ng	98
71) Phenanthrene	17.36	178	1123422	41.457	ng	98
72) Anthracene	17.46	178	1112076	41.525	ng	98
73) Carbazole	17.72	167	1052218	42.534	ng	97
74) Di-n-butylphthalate	18.29	149	1310551	41.493	ng	97
75) Fluoranthene	19.37	202	1290724	41.648	ng	97
77) Benzidine	19.55	184	477579	38.511	ng	98
78) Pyrene	19.73	202	1304023	40.492	ng	96
80) Butylbenzylphthalate	20.62	149	624218	40.713	ng	97
81) Benzo(a)anthracene	21.55	228	1258212	41.128	ng	97
82) 3,3'-Dichlorobenzidine	21.47	252	479591	39.681	ng	99
83) Chrysene	21.62	228	1210562	41.645	ng	98
84) Bis(2-ethylhexyl)phthalate	21.48	149	863939	40.838	ng	98
85) Di-n-octyl phthalate	22.65	149	1471074	41.362	ng	97
86) Indeno(1,2,3-cd)pyrene	28.21	276	1528890	38.702	ng	99
88) Benzo(b)fluoranthene	23.70	252	1298411	39.392	ng	98
89) Benzo(k)fluoranthene	23.77	252	1293537	41.269	ng	99
90) Benzo(a)pyrene	24.54	252	1241696	39.913	ng	97
91) Dibenzo(a,h)anthracene	28.29	278	1235598	39.547	ng	98
92) Benzo(g,h,i)perylene	29.32	276	1220261	39.319	ng	98

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

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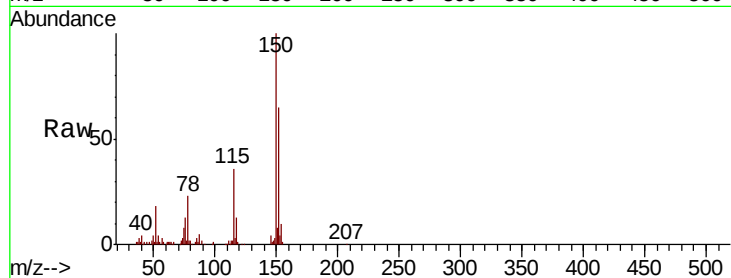


#1

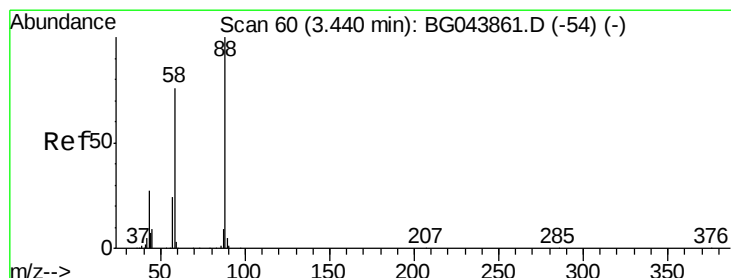
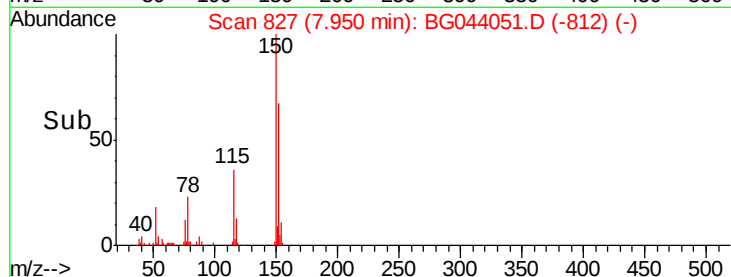
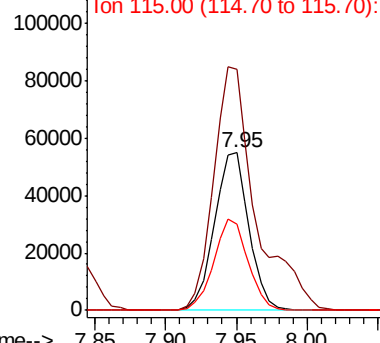
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 93646
Ion Ratio Lower Upper
152 100
150 153.0 127.0 190.4
115 54.6 47.8 71.8



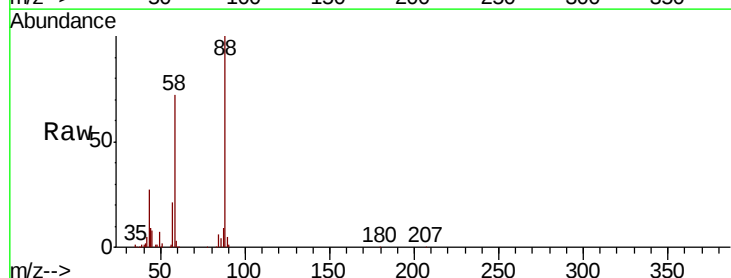
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



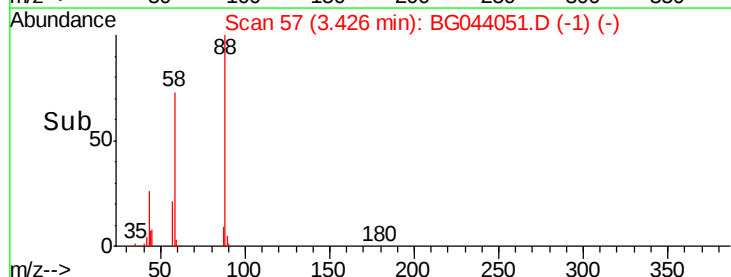
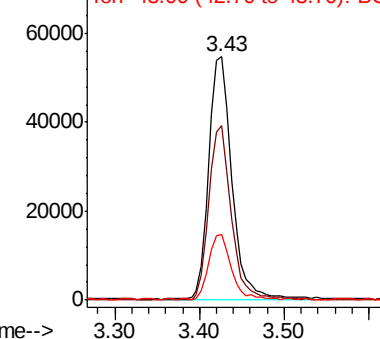
#2

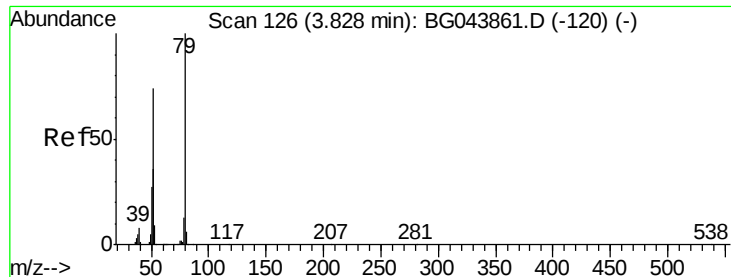
1,4-Dioxane
Concen: 45.952 ng
RT: 3.43 min Scan# 57
Delta R.T. -0.01 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Tgt Ion: 88 Resp: 102187
Ion Ratio Lower Upper
88 100
58 70.2 59.8 89.8
43 26.9 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: 43.825 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

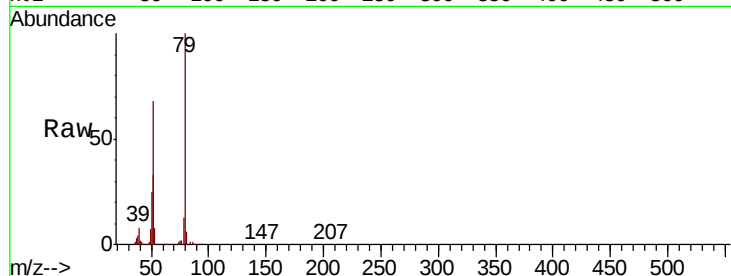
Tot Ion: 79 Resp: 287904

Ion Ratio Lower Upper

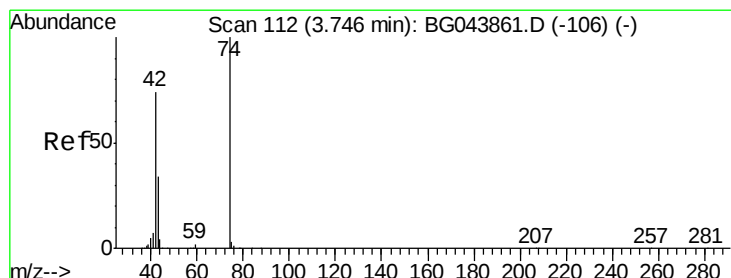
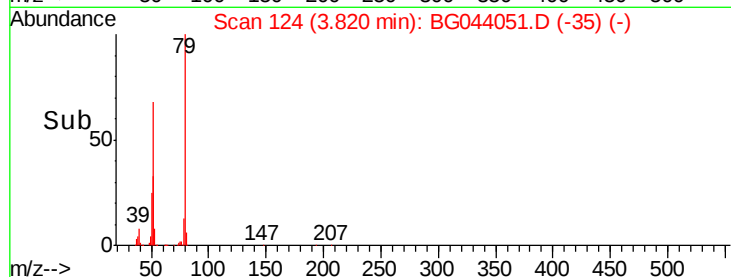
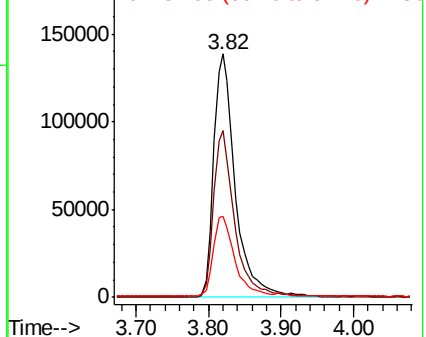
79 100

52 68.5 58.9 88.3

51 33.4 28.6 43.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.527 ng

RT: 3.73 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

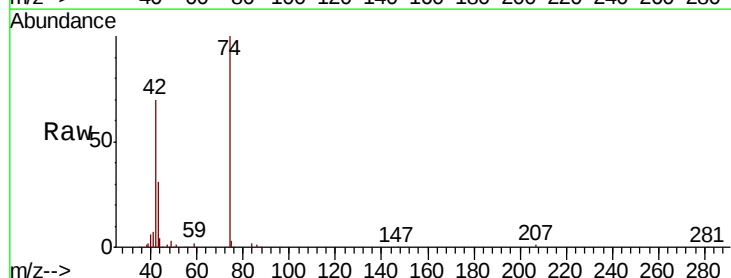
Tgt Ion: 42 Resp: 112684

Ion Ratio Lower Upper

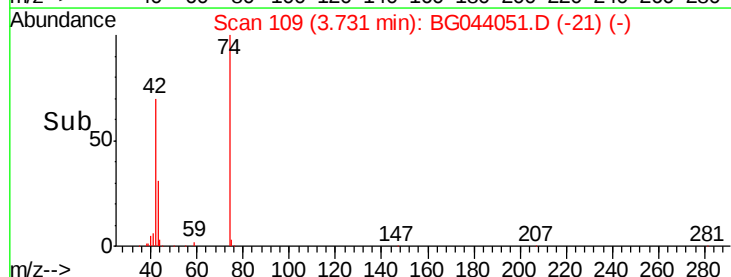
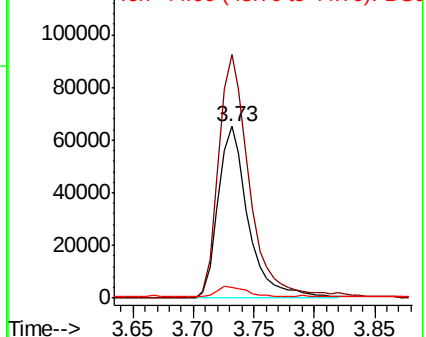
42 100

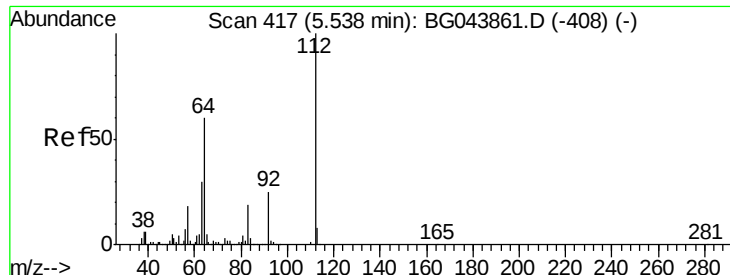
74 142.1 108.6 162.8

44 6.3 5.0 7.6



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 89.775 ng

RT: 5.52 min Scan# 414

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

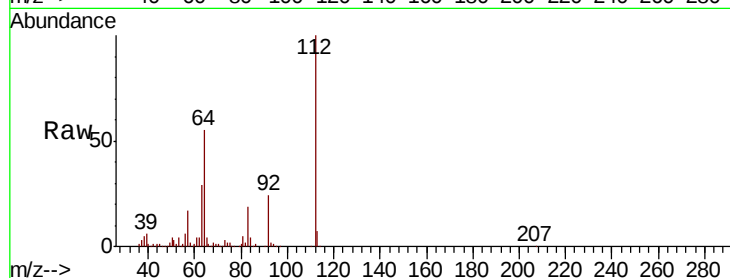
Tot Ion:112 Resp: 457869

Ion Ratio Lower Upper

112 100

64 55.4 47.8 71.6

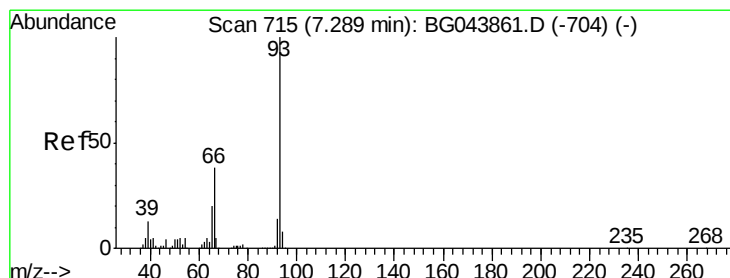
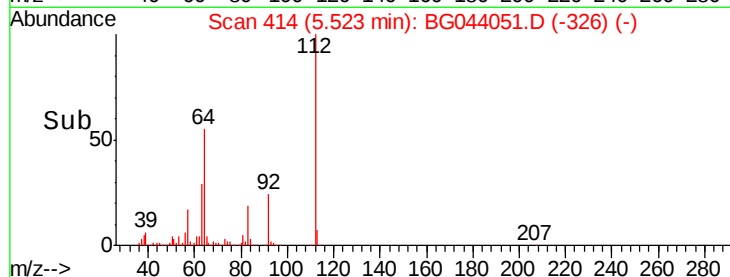
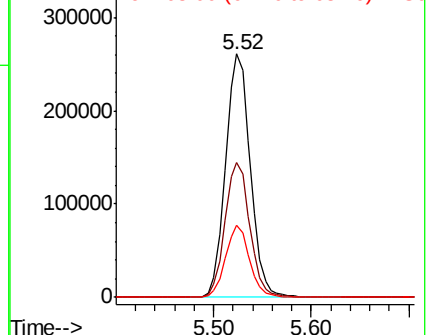
63 29.4 24.3 36.5



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: 40.182 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.02 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

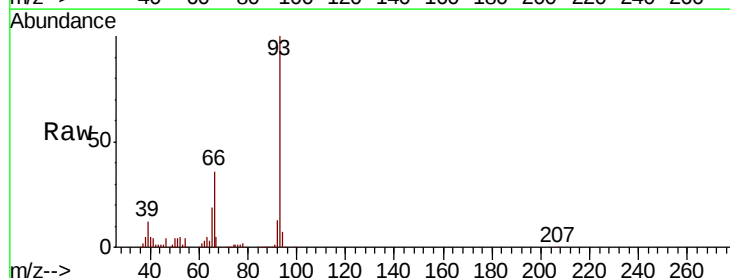
Tgt Ion: 93 Resp: 376258

Ion Ratio Lower Upper

93 100

66 36.5 30.8 46.2

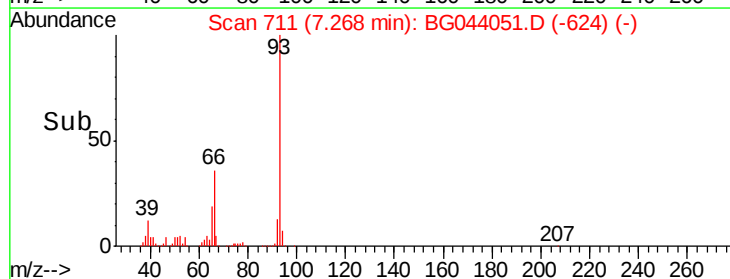
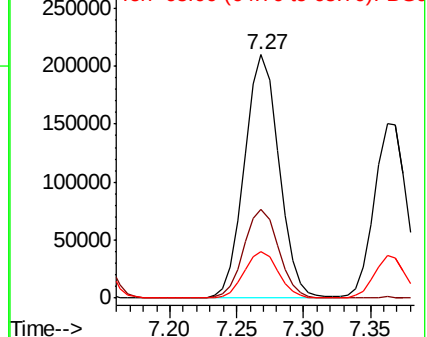
65 19.2 16.0 24.0

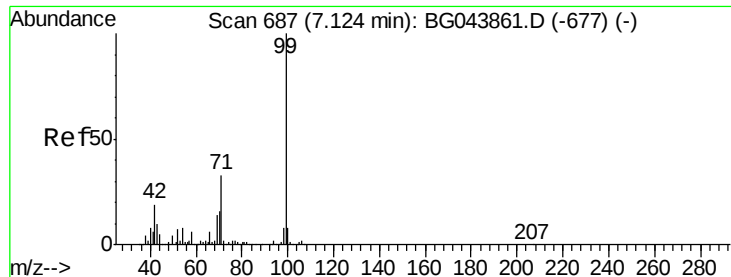


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.942 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

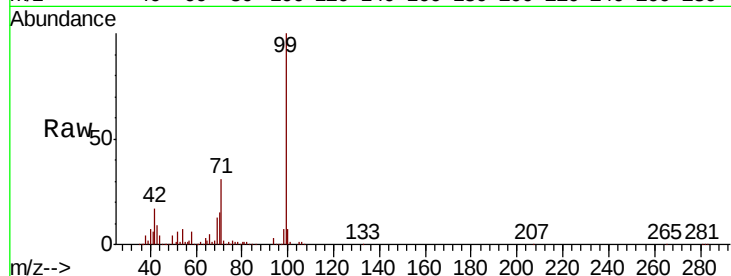
BNA_G

ClientSampleId :

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Tot Ion: 99 Resp: 612695

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.9	22.3
71	30.9	26.4	39.6

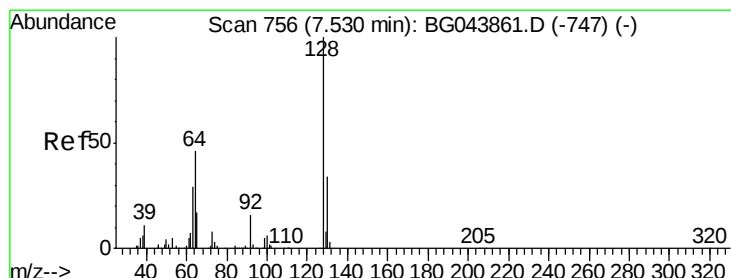
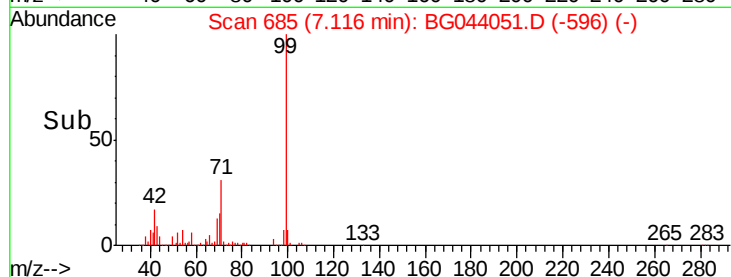
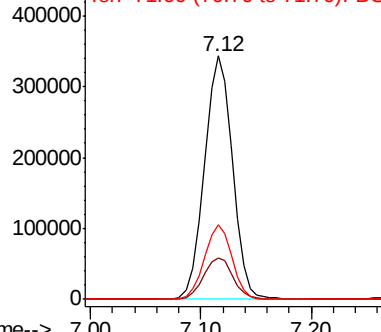


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.453 ng

RT: 7.52 min Scan# 753

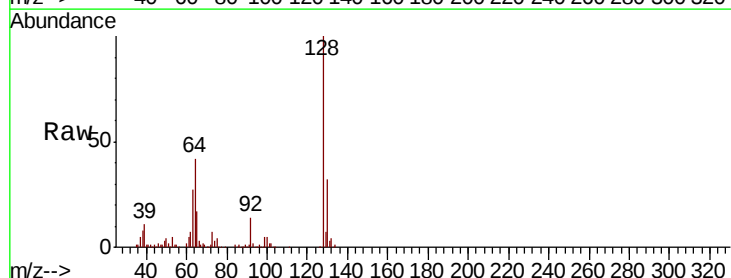
Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Tgt Ion: 128 Resp: 248203

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.8	53.8
64	42.2	27.6	67.6

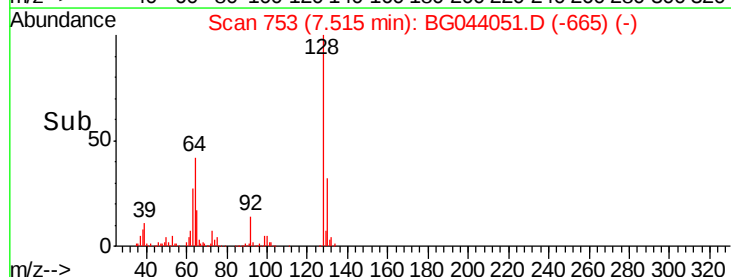
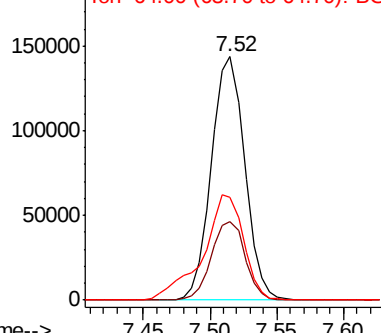


Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 35.226 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG044051.D

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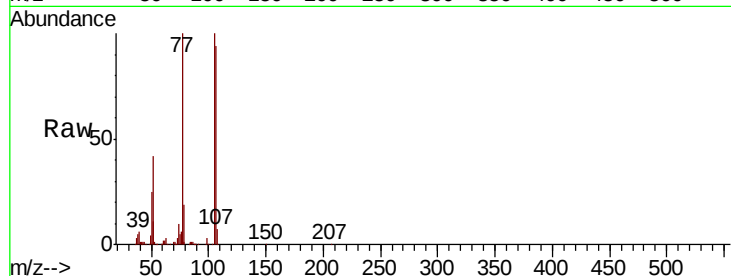
Tot Ion: 77 Resp: 160729

Ion Ratio Lower Upper

77 100

105 100.0 80.2 120.2

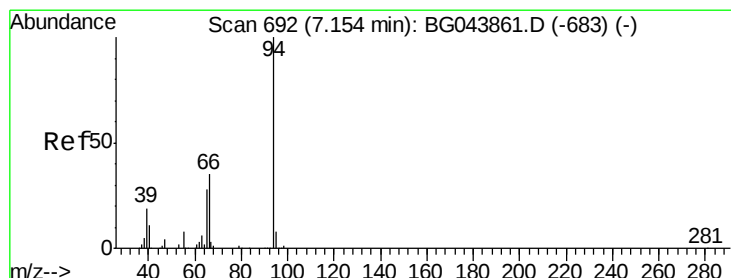
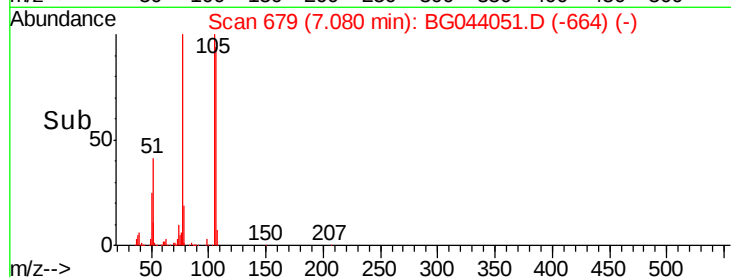
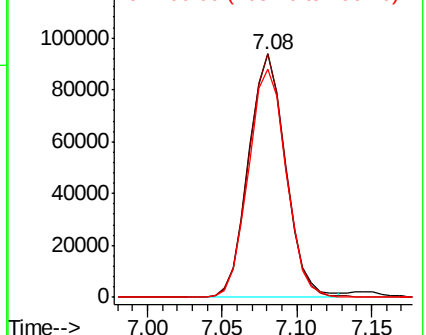
106 93.7 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.482 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

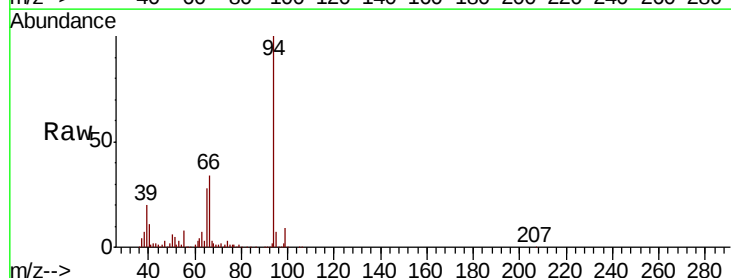
Tgt Ion: 94 Resp: 304701

Ion Ratio Lower Upper

94 100

65 27.7 8.1 48.1

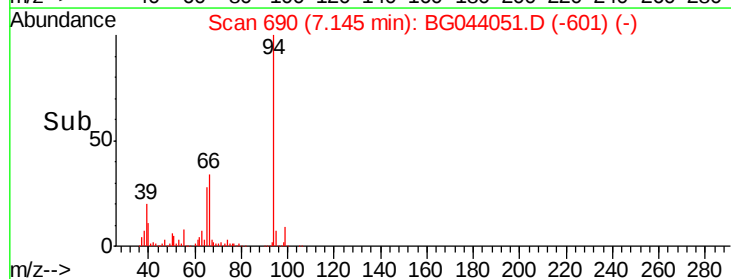
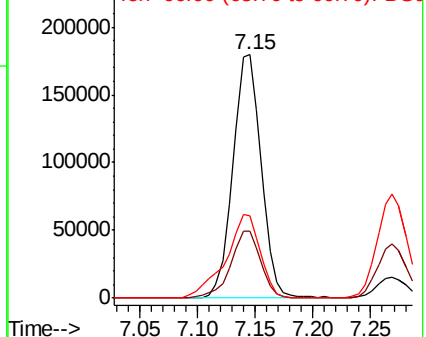
66 33.6 15.6 55.6

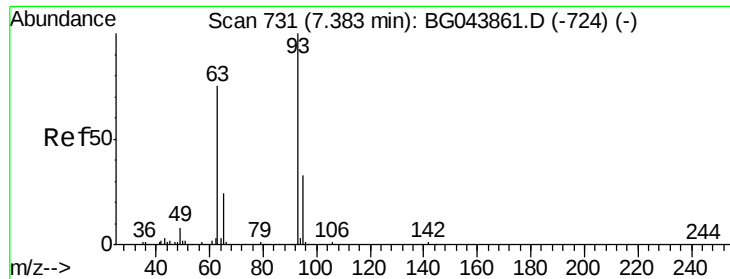


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

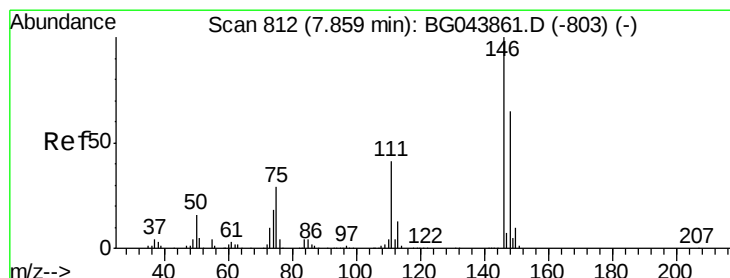
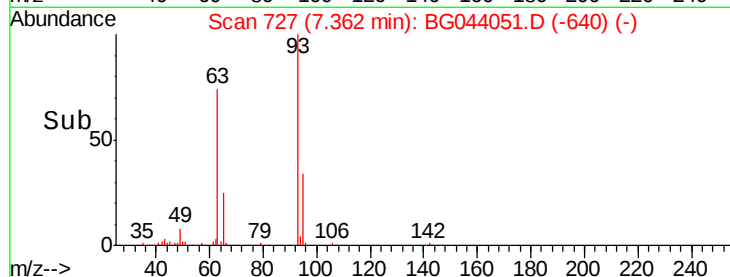
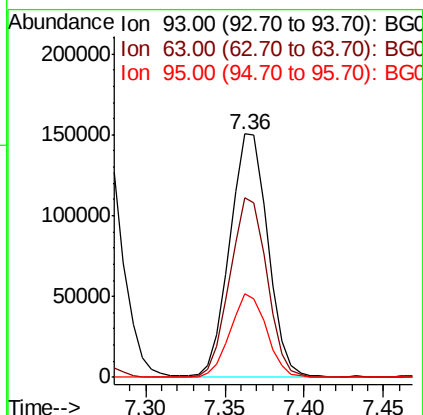
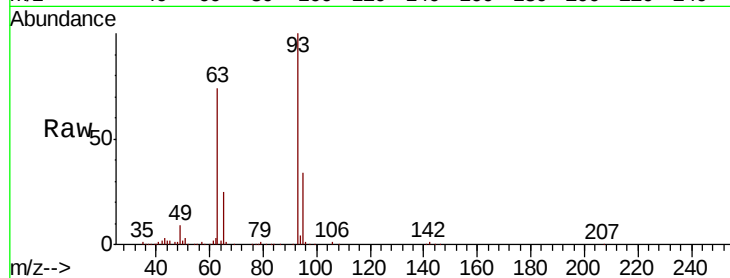




#11
bis(2-Chloroethyl)ether
Concen: 39.325 ng
RT: 7.36 min Scan# 727
Delta R.T. -0.02 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

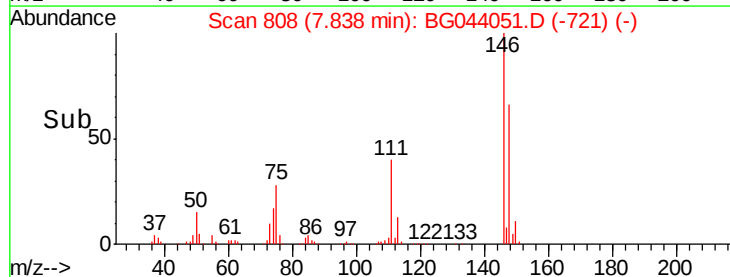
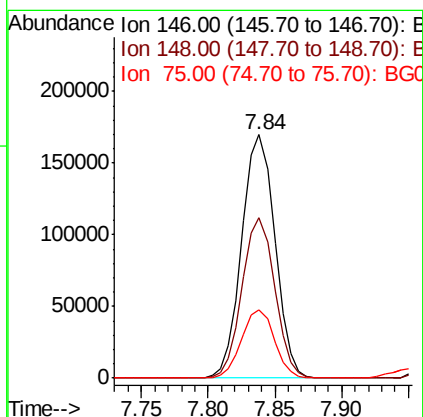
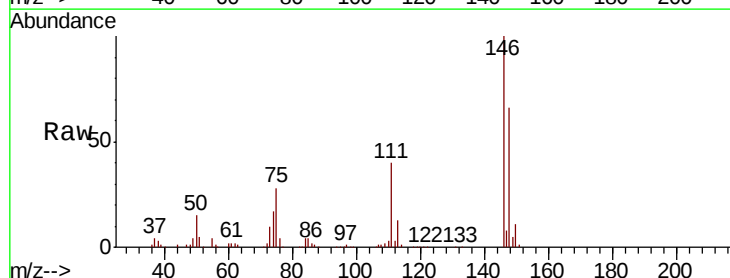
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

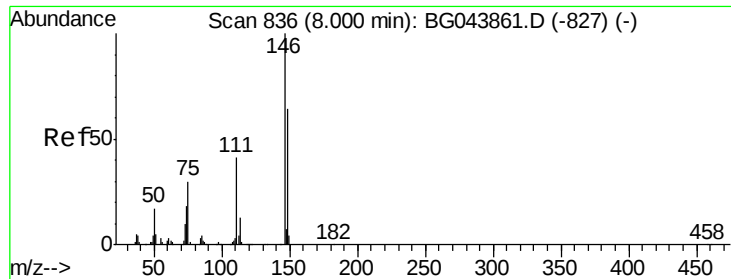
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.0	55.0	95.0
95	34.3	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 41.818 ng
RT: 7.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.1	78.1
75	27.8	23.0	34.4

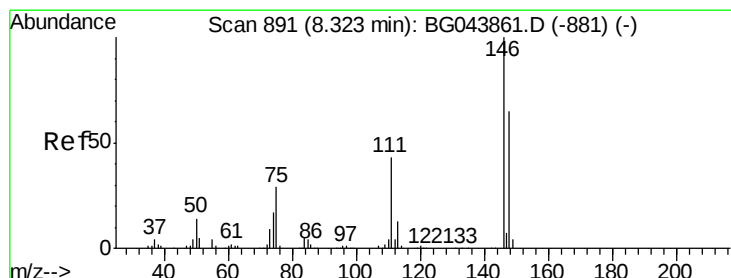
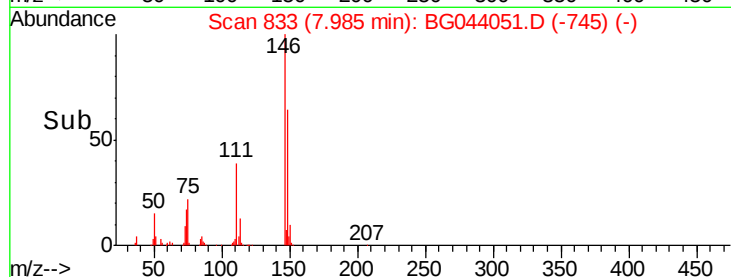
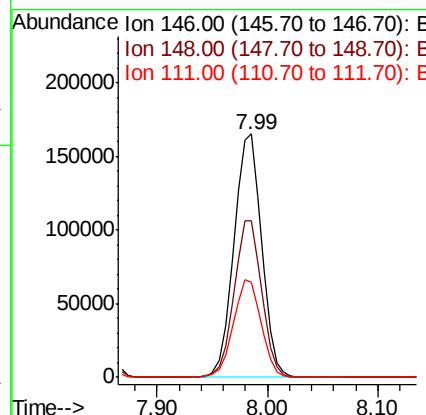
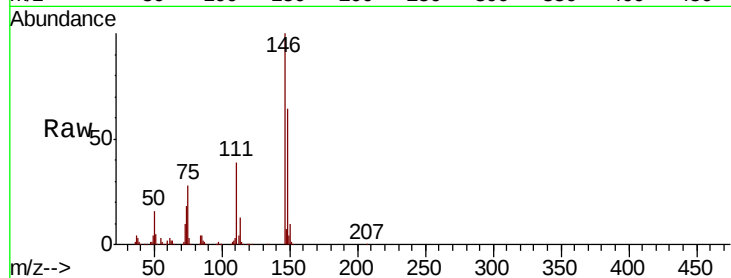




#13
 1,4-Dichlorobenzene
 Concen: 42.060 ng
 RT: 7.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BG044051.D
 Acq: 15 Jan 2020 15:52

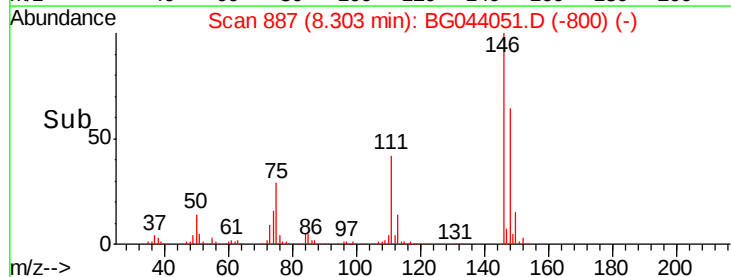
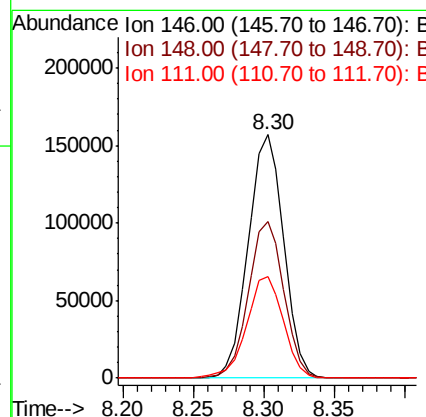
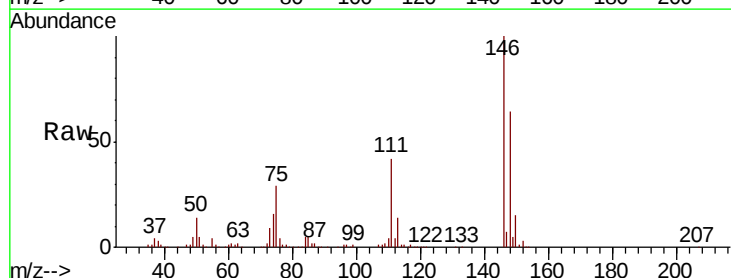
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

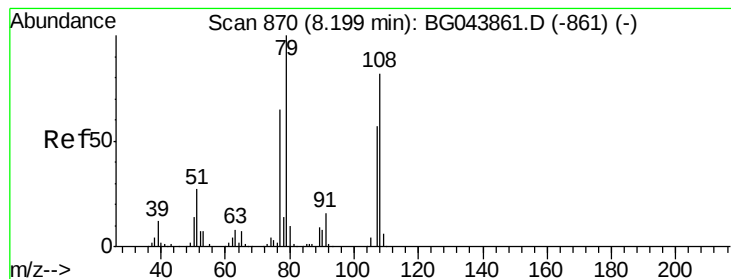
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
111	39.1	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 41.671 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BG044051.D
 Acq: 15 Jan 2020 15:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.7	77.5
111	41.8	34.4	51.6





#15

Benzyl Alcohol

Concen: 38.947 ng

RT: 8.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

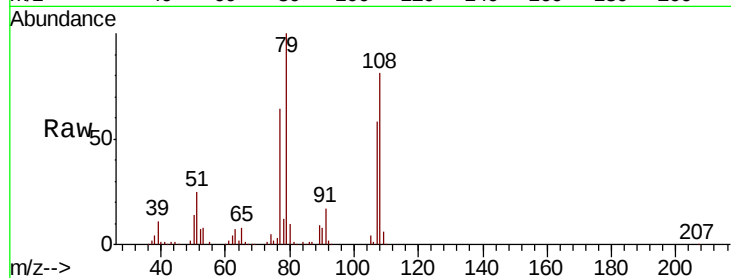
Tot Ion: 79 Resp: 219134

Ion Ratio Lower Upper

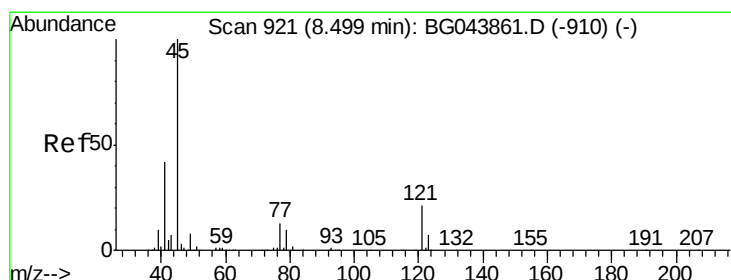
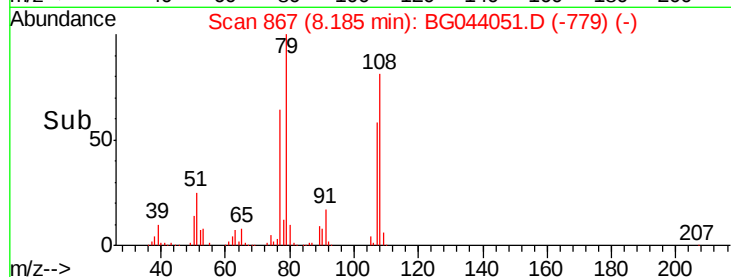
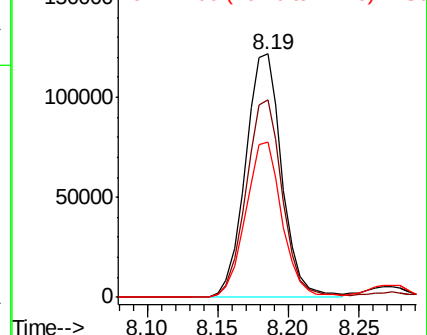
79 100

108 81.0 65.6 98.4

77 63.5 52.0 78.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.107 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

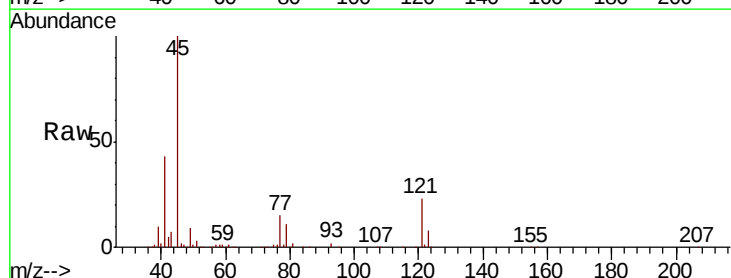
Tgt Ion: 45 Resp: 354190

Ion Ratio Lower Upper

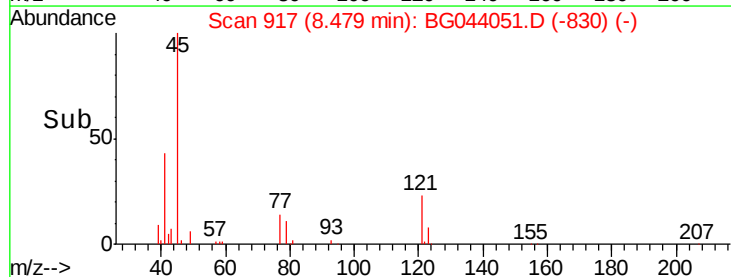
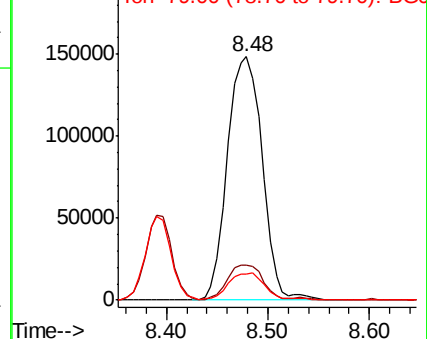
45 100

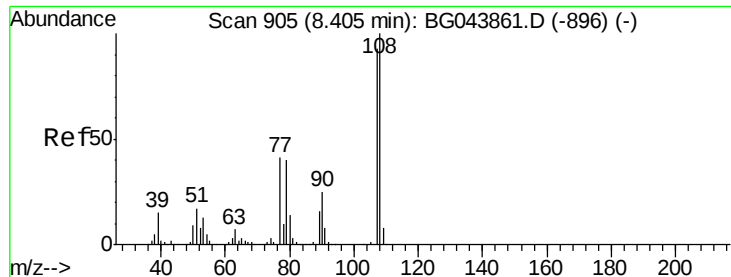
77 14.5 0.0 33.8

79 10.9 0.0 31.0



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





#17

2-Methylphenol

Concen: 40.571 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 215656

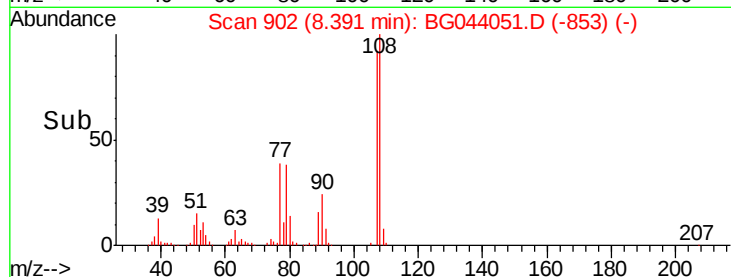
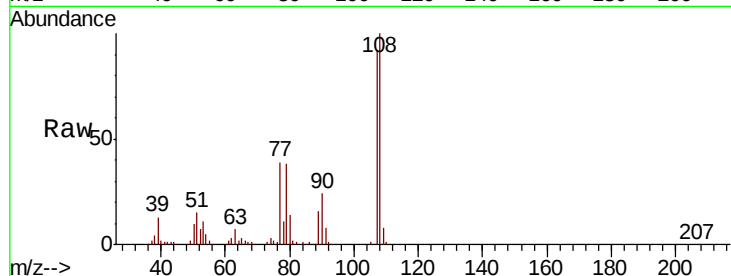
Ion Ratio Lower Upper

107 100

108 108.8 86.1 129.1

77 42.2 35.4 53.0

79 41.3 34.8 52.2



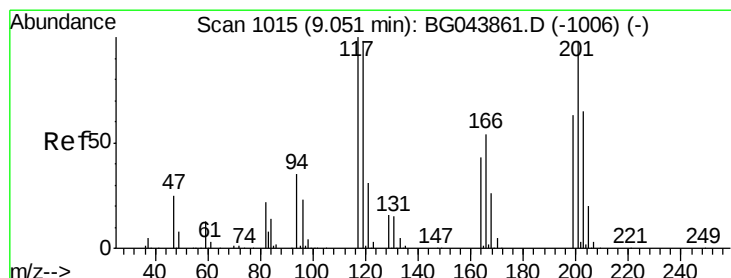
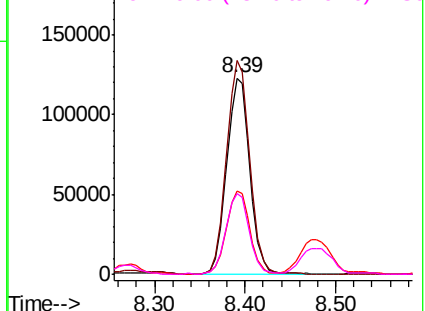
Abundance

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: 40.371 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

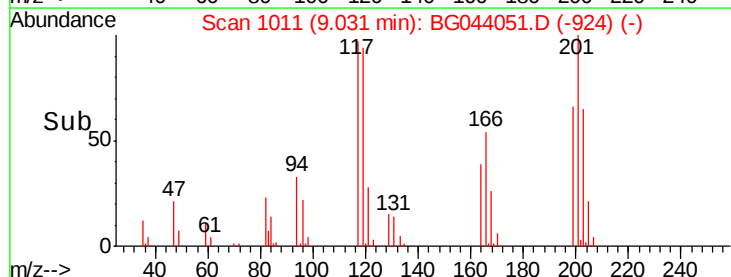
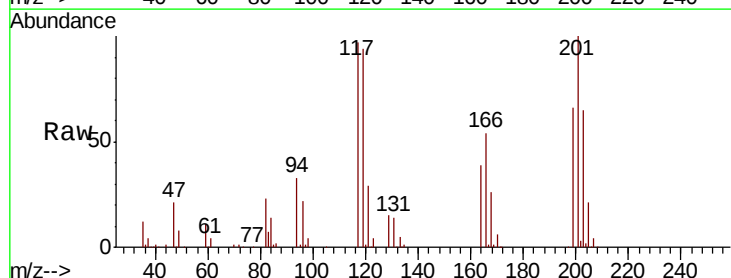
Tgt Ion:117 Resp: 108600

Ion Ratio Lower Upper

117 100

119 97.0 78.1 117.1

201 103.4 78.6 117.8

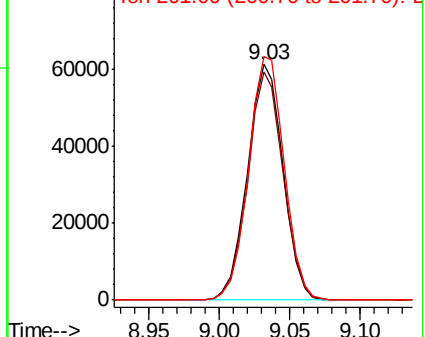


Abundance

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

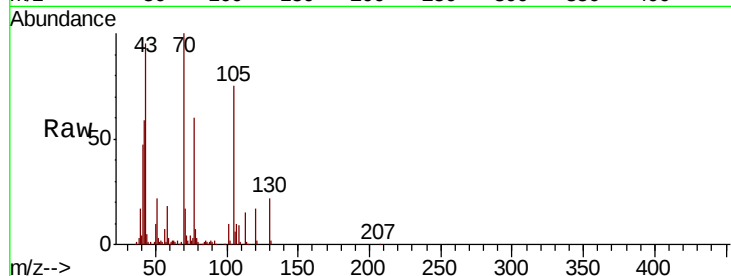




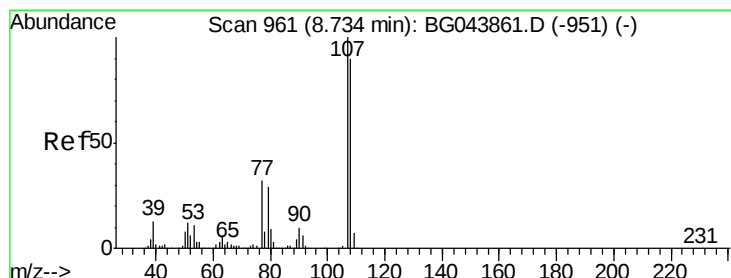
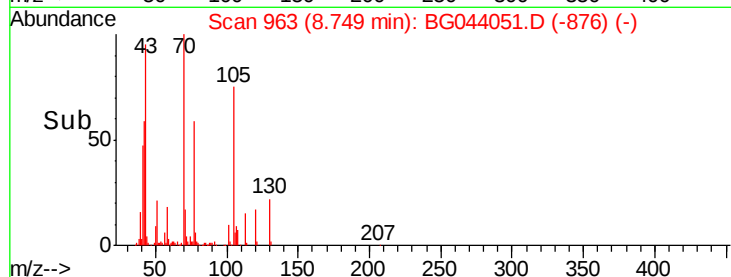
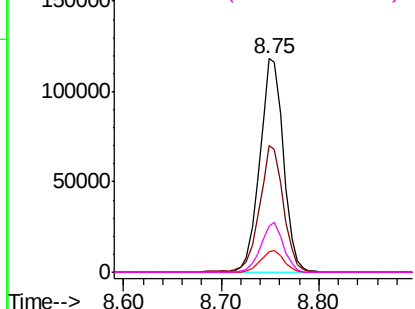
#19
n-Nitroso-di-n-propylamine
Concen: 37.948 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.02 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	201475
Ion	Ratio	Lower	Upper
70	100		
42	59.2	47.0	70.4
101	9.5	7.2	10.8
130	21.9	15.6	23.4

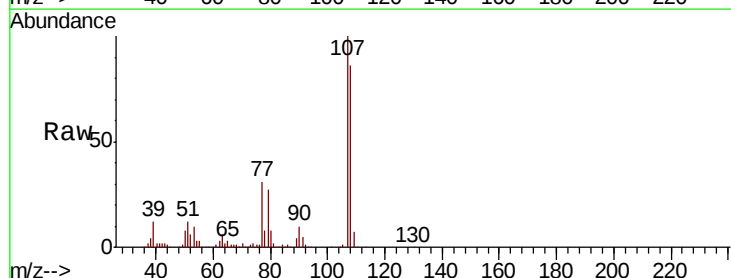


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

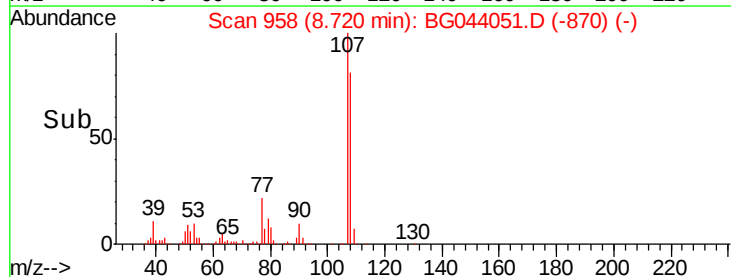
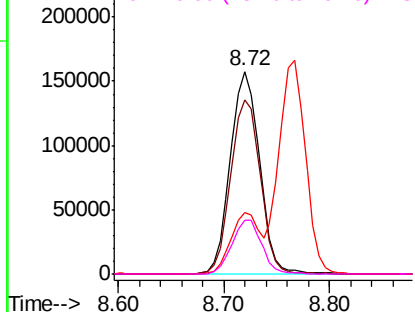


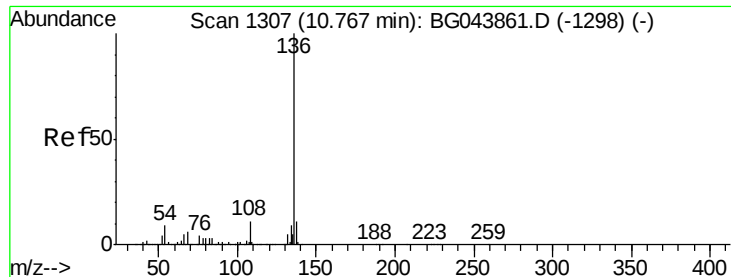
#20
3+4-Methylphenols
Concen: 40.631 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Tgt Ion:	107	Resp:	301288
Ion	Ratio	Lower	Upper
107	100		
108	86.3	70.3	110.3
77	30.6	12.4	52.4
79	26.8	8.6	48.6



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 394227

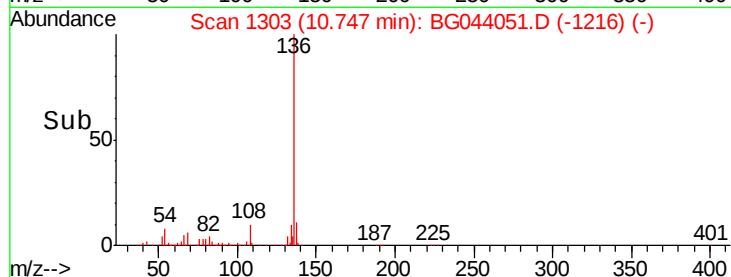
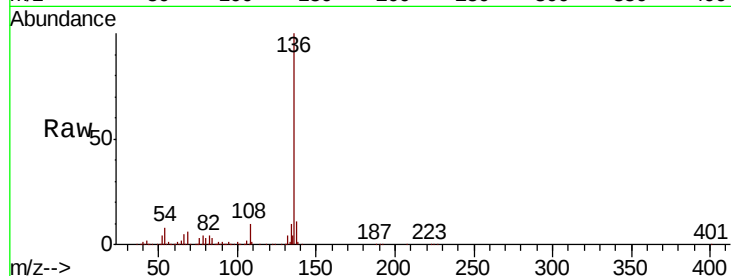
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.7 7.0 10.4

68 5.8 4.9 7.3

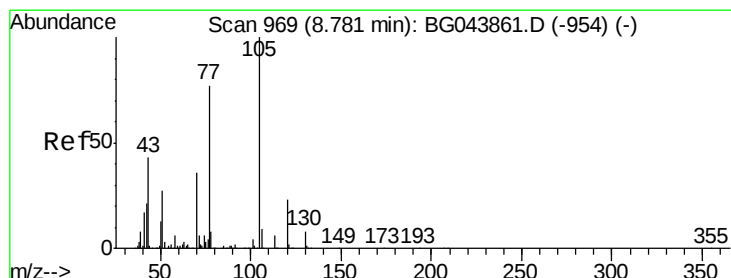
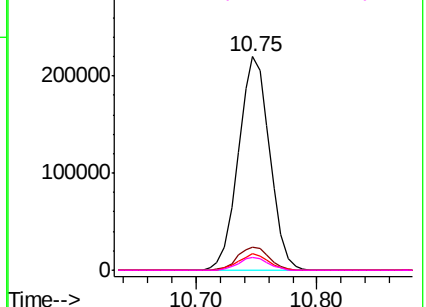


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.050 ng

RT: 8.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Tgt Ion:105 Resp: 392518

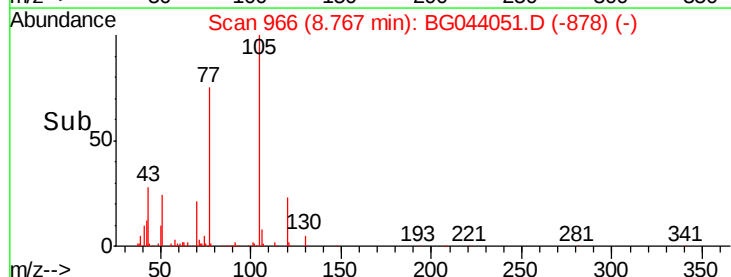
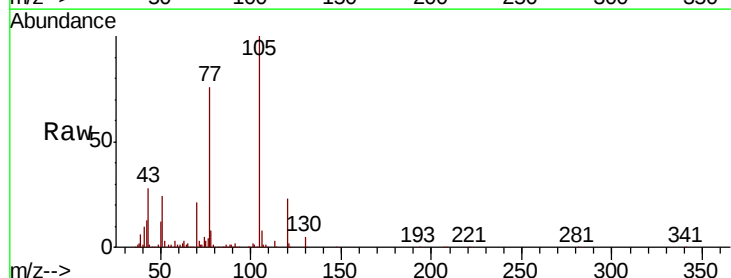
Ion Ratio Lower Upper

105 100

71 3.4 4.8 7.2#

51 24.1 21.4 32.0

120 23.1 18.6 28.0

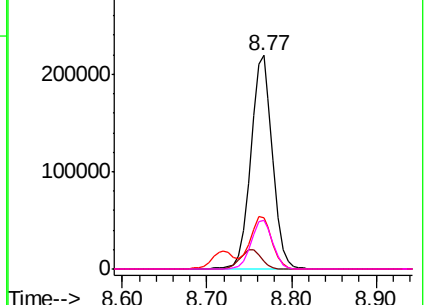


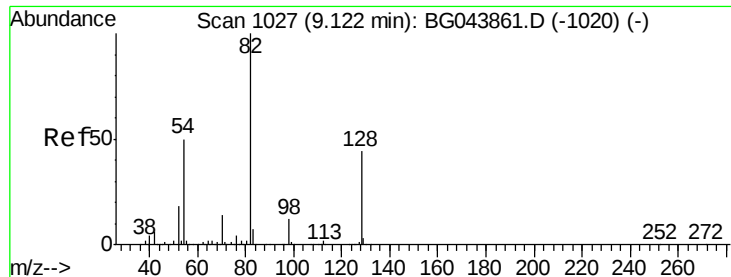
Abundance Ion 105.00 (104.70 to 105.70): E

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

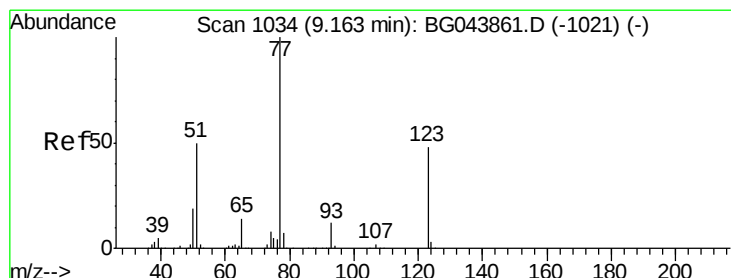
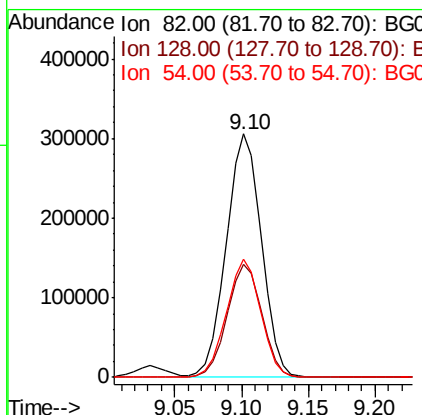
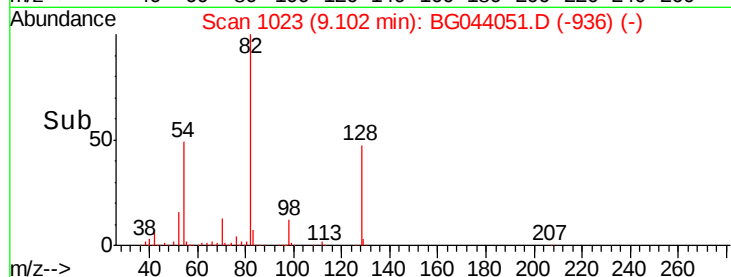
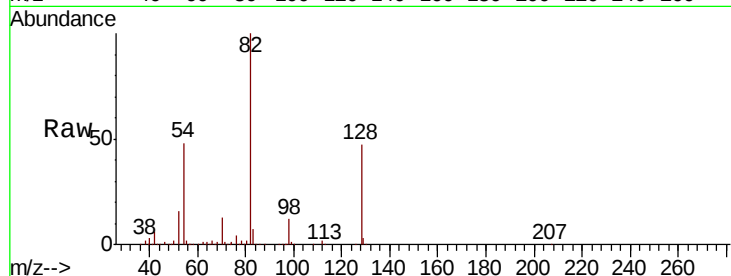




#23
Nitrobenzene-d5
Concen: 75.996 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

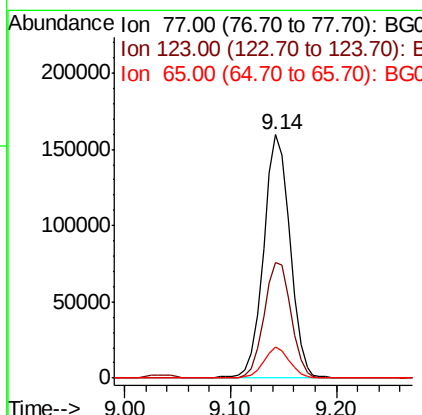
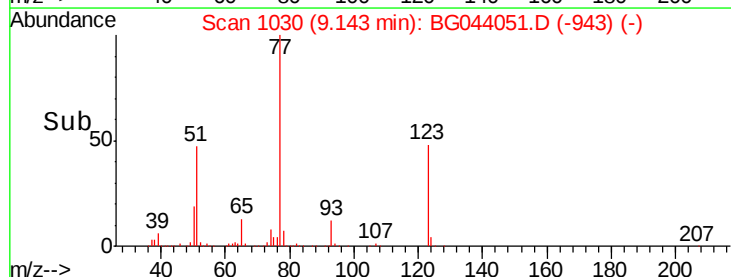
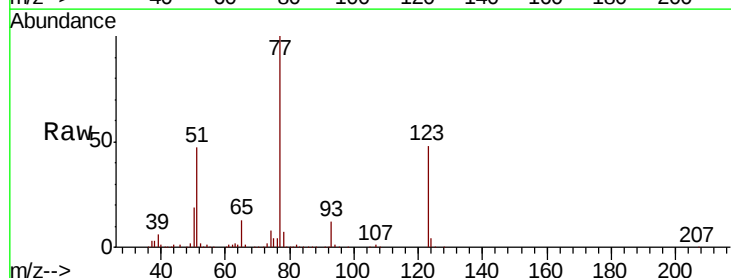
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

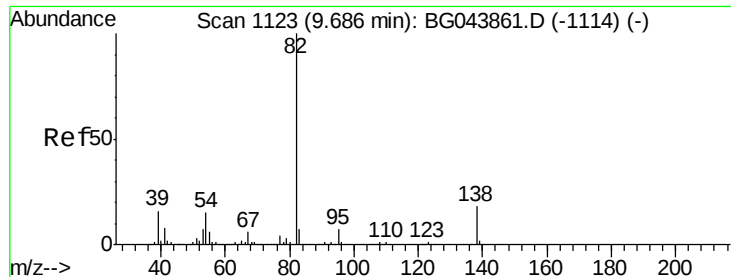
Tot Ion: 82 Resp: 560039
Ion Ratio Lower Upper
82 100
128 46.7 35.1 52.7
54 48.5 40.1 60.1



#24
Nitrobenzene
Concen: 37.947 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Tgt Ion: 77 Resp: 276962
Ion Ratio Lower Upper
77 100
123 47.7 38.7 58.1
65 12.7 11.1 16.7





#25

Isophorone

Concen: 38.478 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

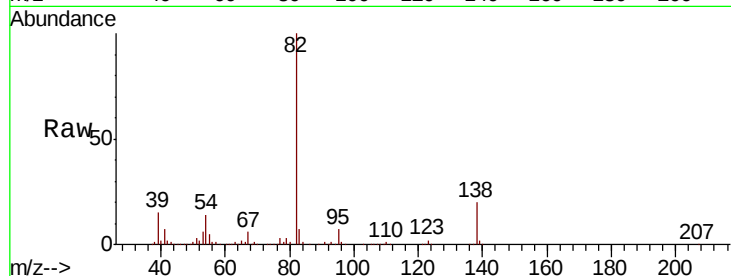
Tot Ion: 82 Resp: 531979

Ion Ratio Lower Upper

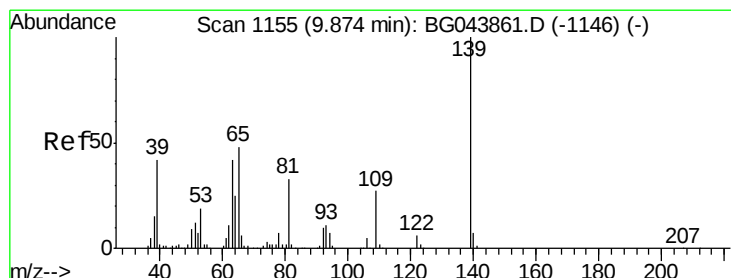
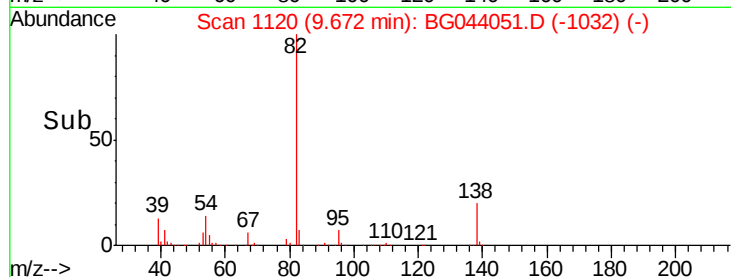
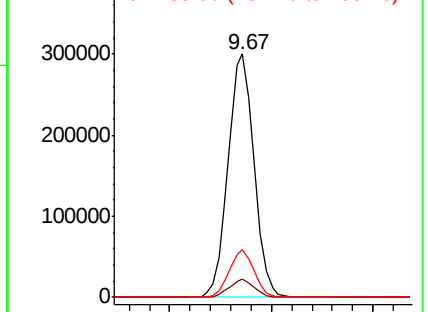
82 100

95 7.4 5.8 8.6

138 19.5 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: 43.324 ng

RT: 9.85 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

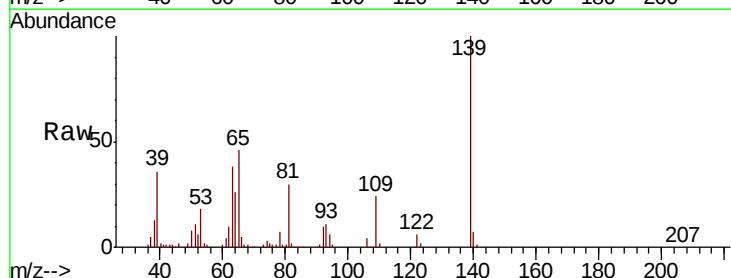
Tgt Ion: 139 Resp: 149603

Ion Ratio Lower Upper

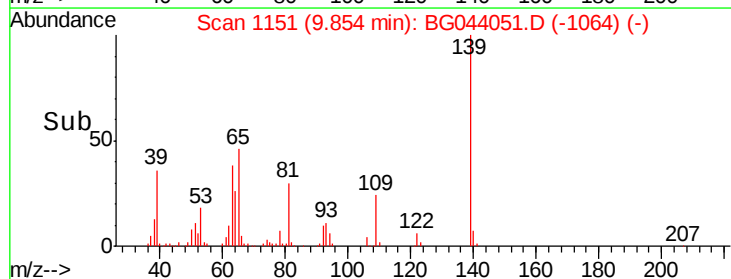
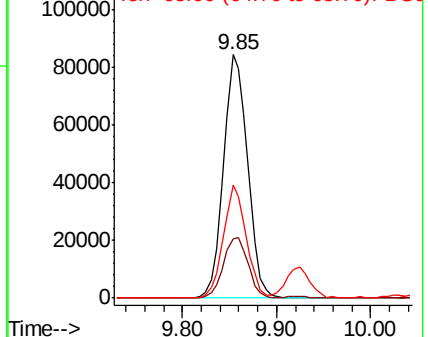
139 100

109 24.4 21.3 31.9

65 46.4 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

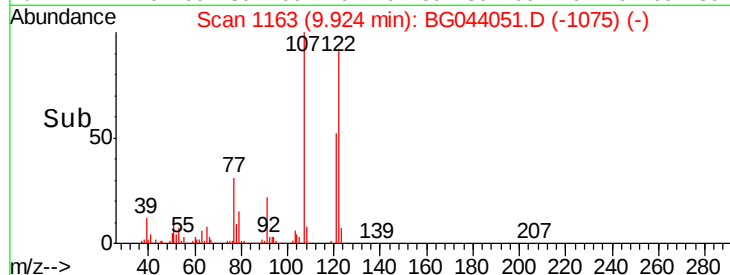
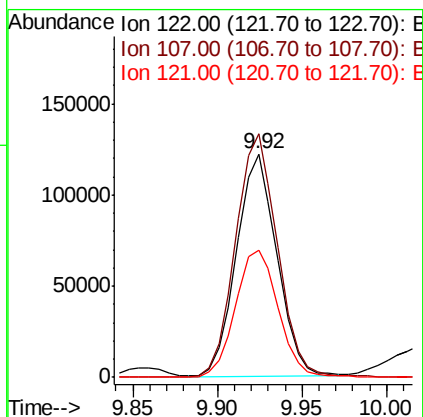
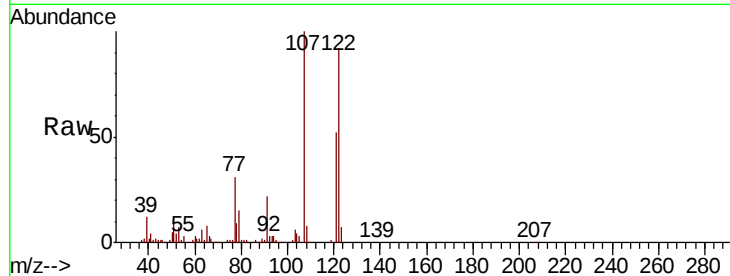




#27
2,4-Dimethylphenol
Concen: 39.121 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

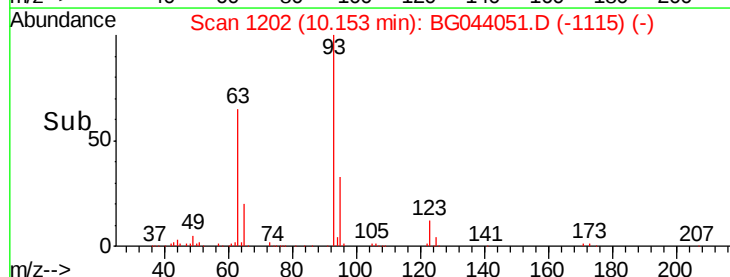
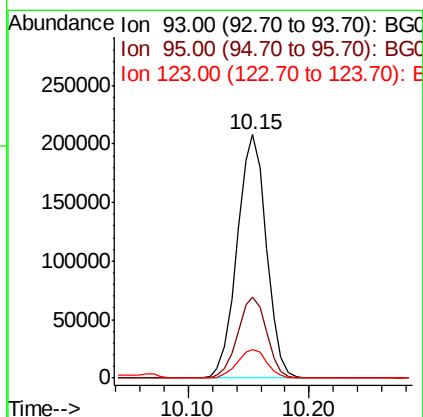
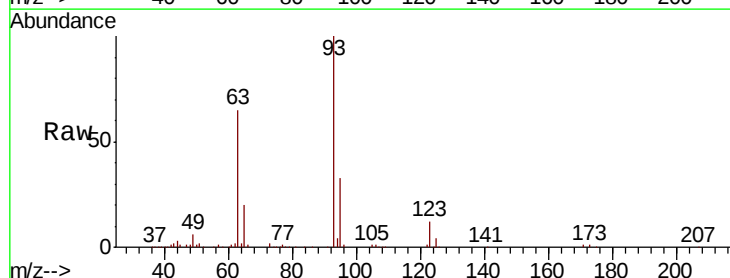
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

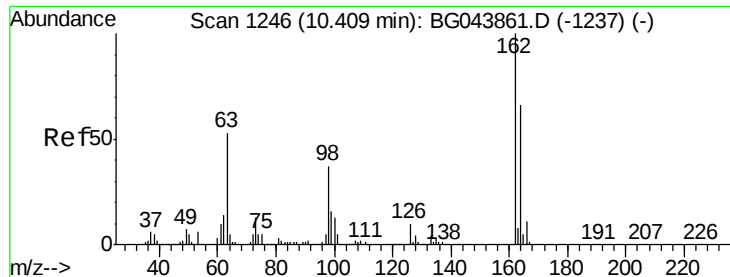
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.9	88.0	132.0
121	56.7	49.0	73.4



#28
bis(2-Chloroethoxy)methane
Concen: 37.958 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	27.2	40.8
123	11.7	9.7	14.5

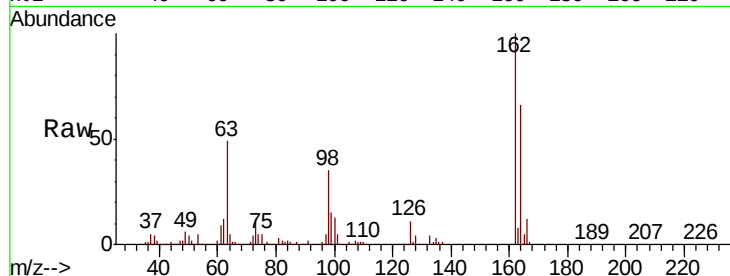




#29
2,4-Dichlorophenol
Concen: 40.050 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	46.3	86.3
98	35.0	17.3	57.3

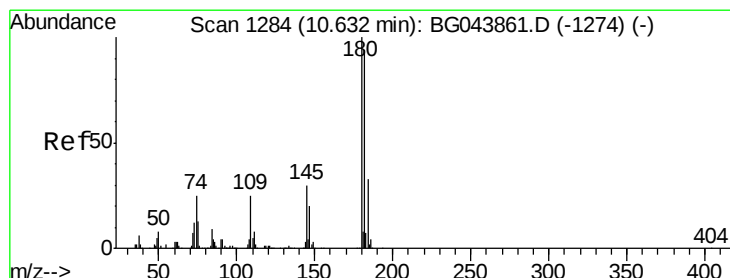
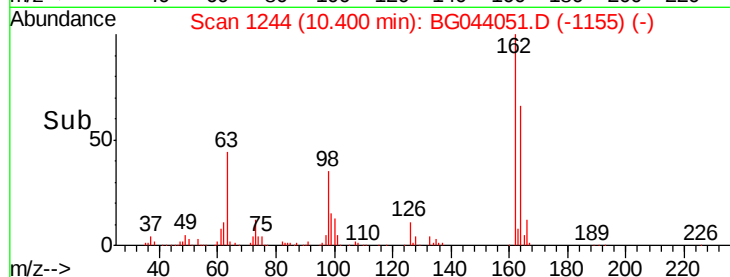
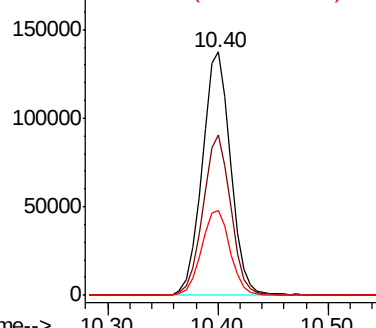


Abundance

Ion 162.00 (161.70 to 162.70): E

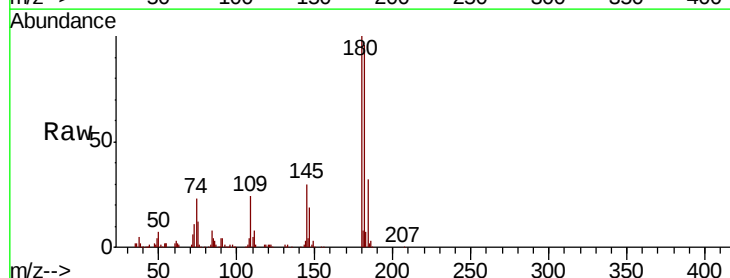
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 39.795 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.0	112.4
145	29.7	24.2	36.4

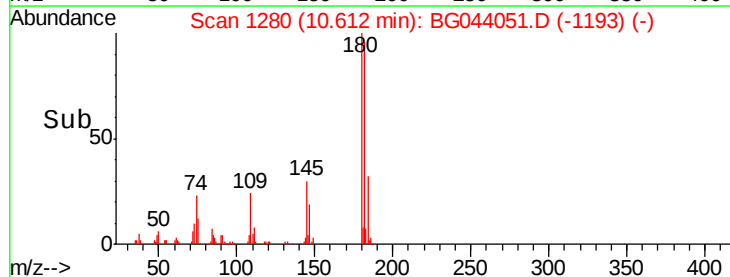
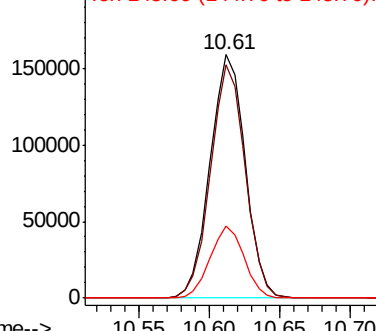


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

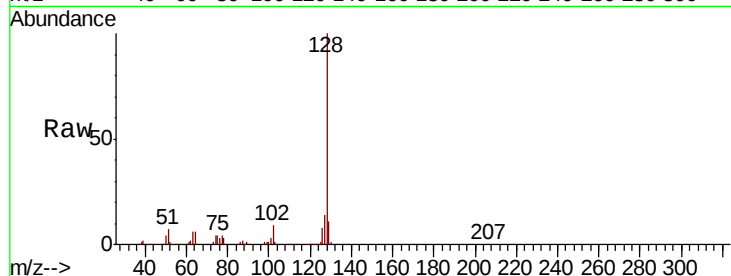




#31
Naphthalene
Concen: 41.115 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.6
127	14.2	12.0	18.0

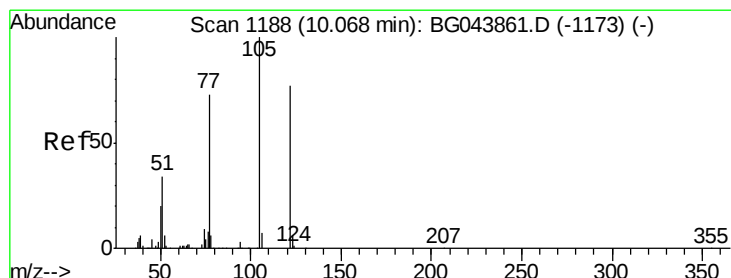
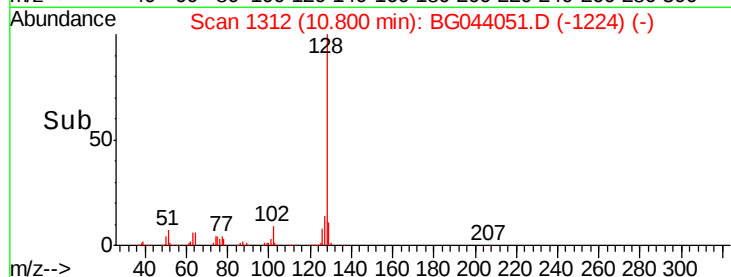
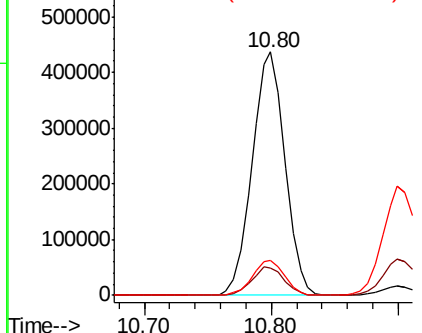


Abundance

Ion 128.00 (127.70 to 128.70): E

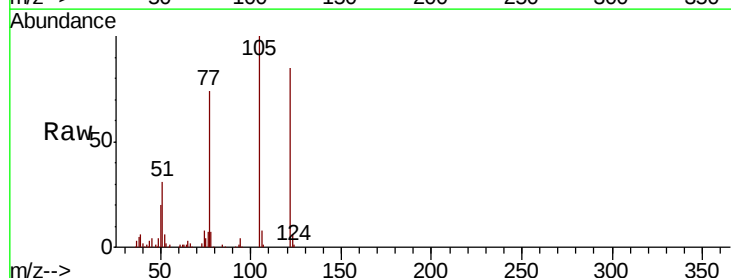
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 34.609 ng
RT: 10.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.8	106.4	146.4
77	86.8	74.6	114.6

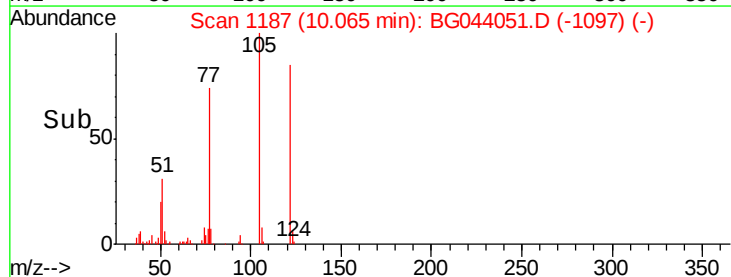
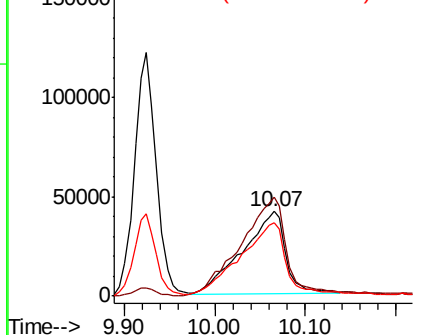


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

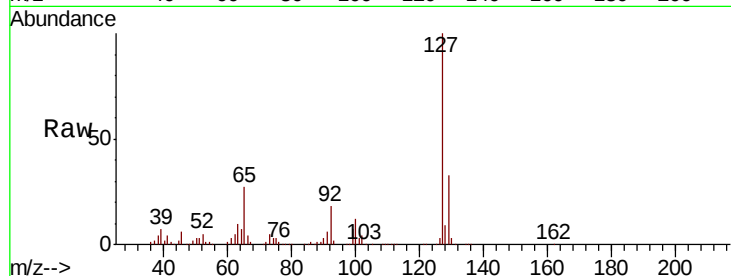




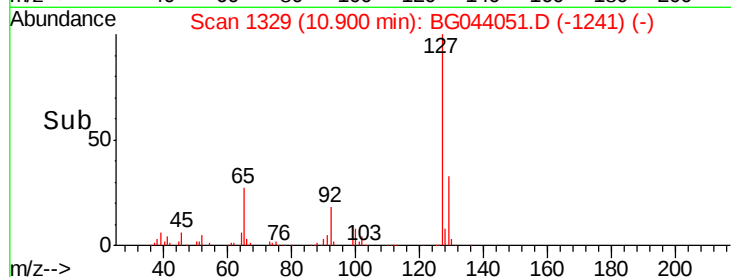
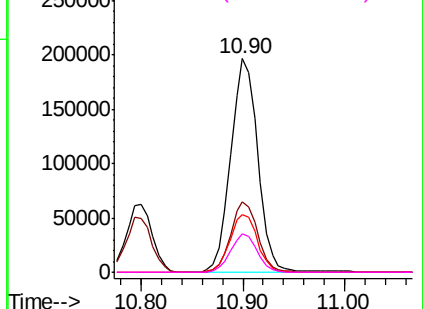
#33
4-Chloroaniline
Concen: 40.074 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	364638
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.6	40.0
65	27.3	23.3	34.9
92	17.8	14.7	22.1

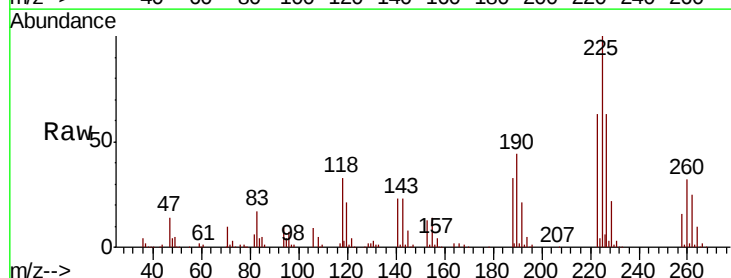


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

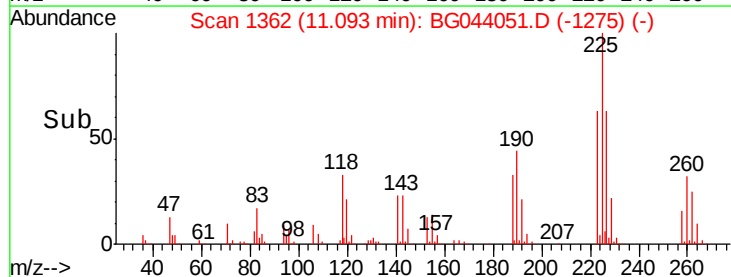
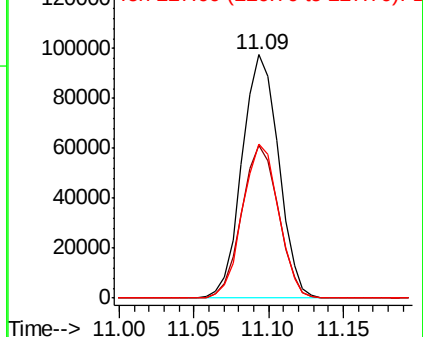


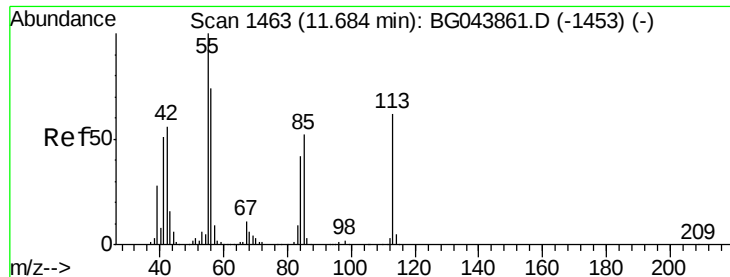
#34
Hexachlorobutadiene
Concen: 38.979 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Tgt Ion:	225	Resp:	165453
Ion	Ratio	Lower	Upper
225	100		
223	63.0	52.2	78.4
227	63.3	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: 41.721 ng

RT: 11.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

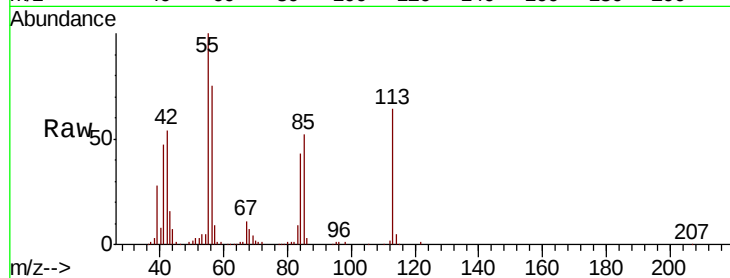
Tot Ion:113 Resp: 96299

Ion Ratio Lower Upper

113 100

55 157.4 142.5 182.5

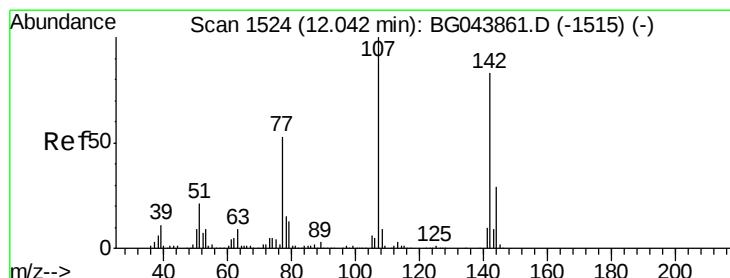
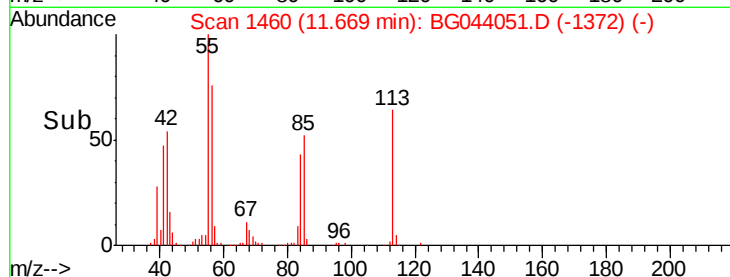
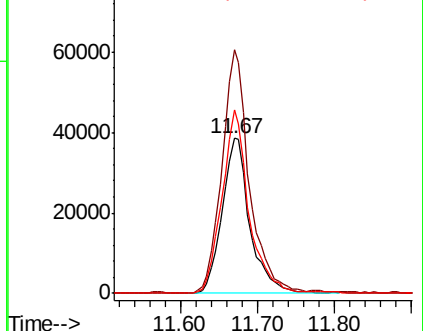
56 118.7 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 40.289 ng

RT: 12.03 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

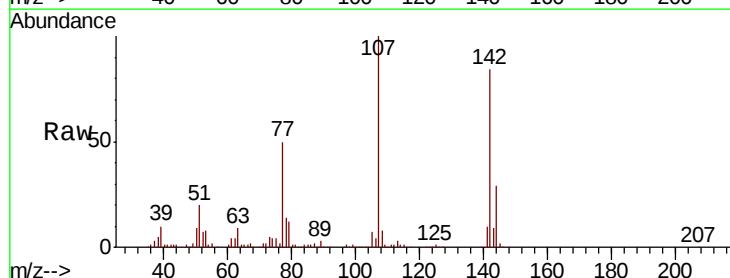
Tgt Ion:107 Resp: 265932

Ion Ratio Lower Upper

107 100

144 28.9 23.4 35.2

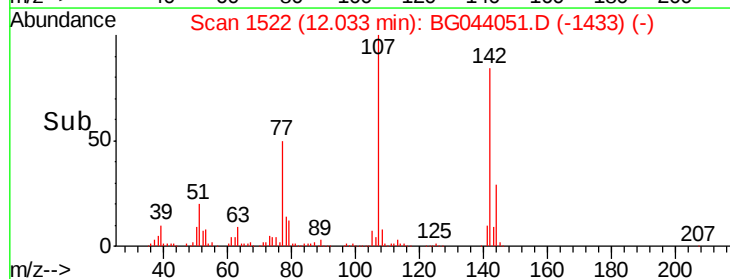
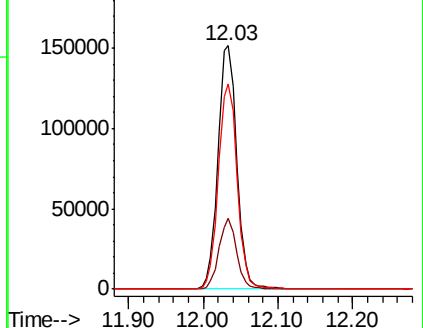
142 84.2 66.3 99.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

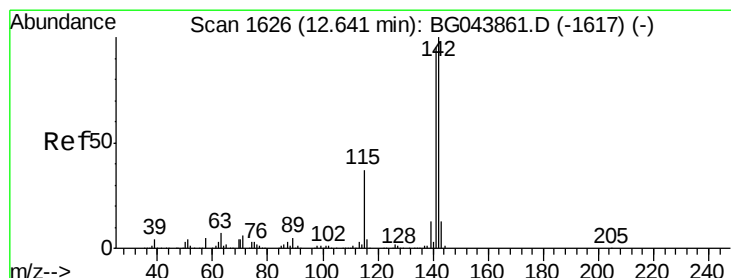
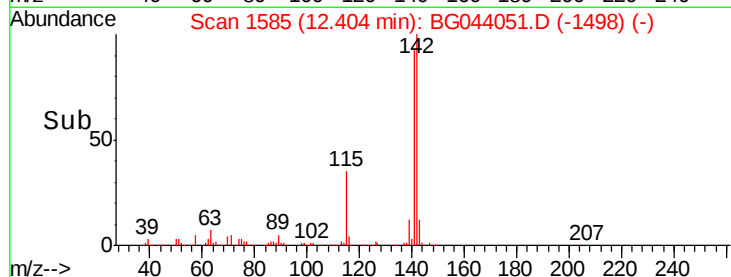
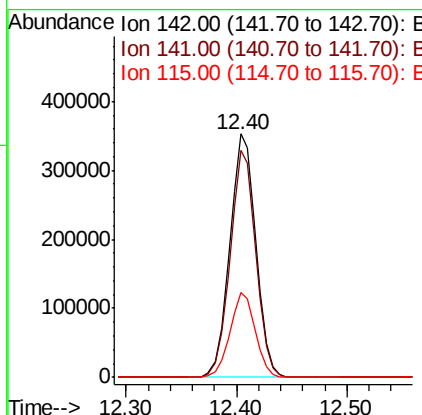
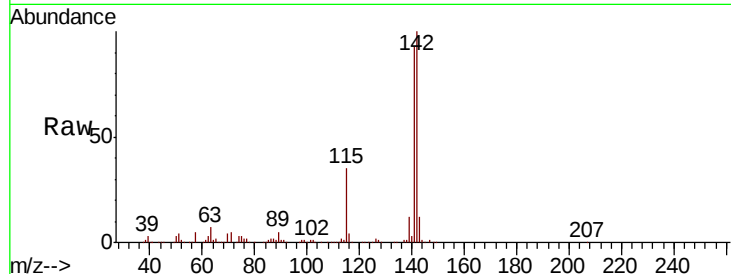




#37
2-Methylnaphthalene
Concen: 40.470 ng
RT: 12.40 min Scan# 1585
Delta R.T. -0.02 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

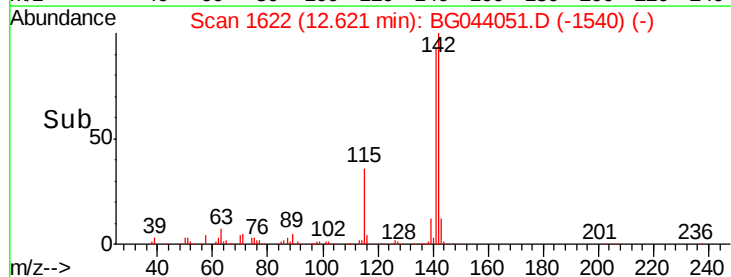
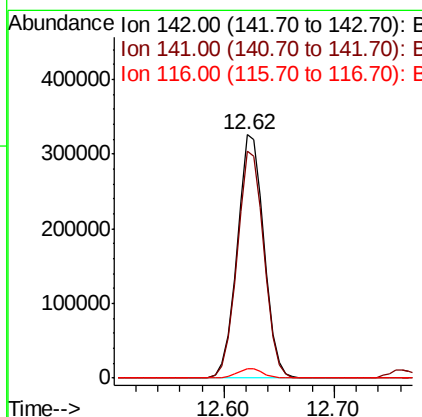
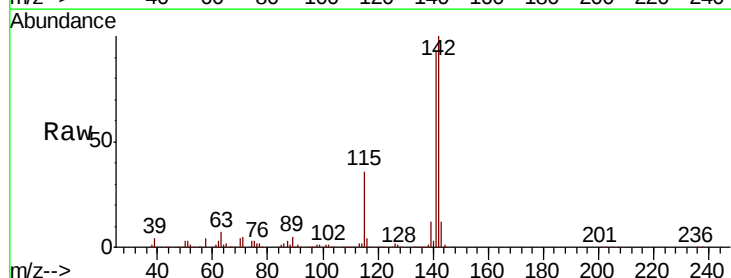
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

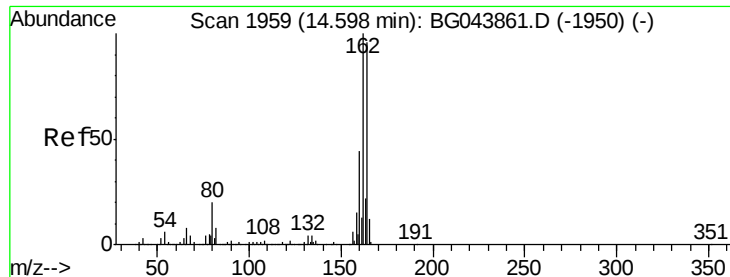
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.8	113.8
115	34.7	28.6	42.8



#38
1-Methylnaphthalene
Concen: 40.660 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.02 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	76.0	114.0
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

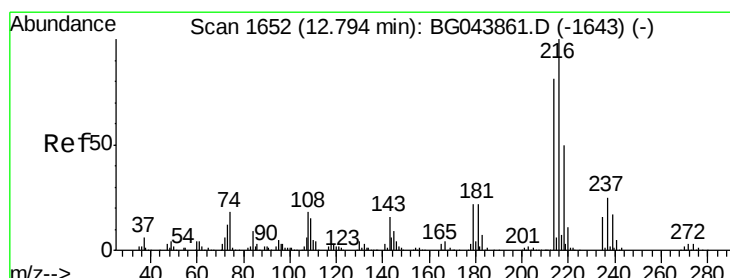
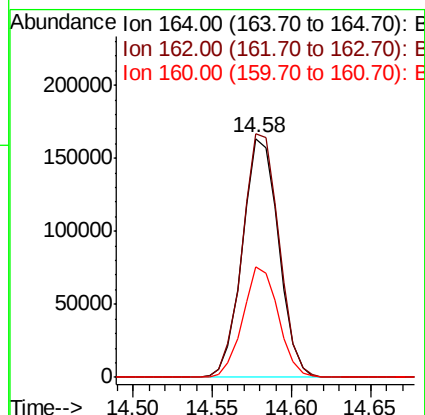
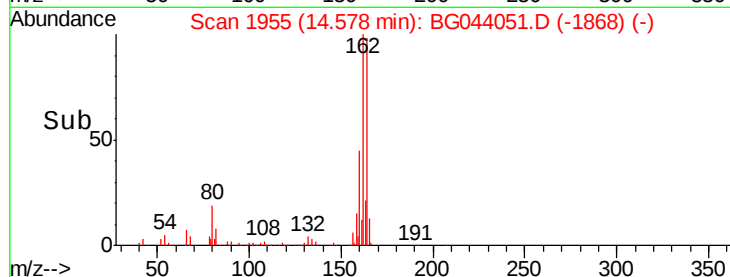
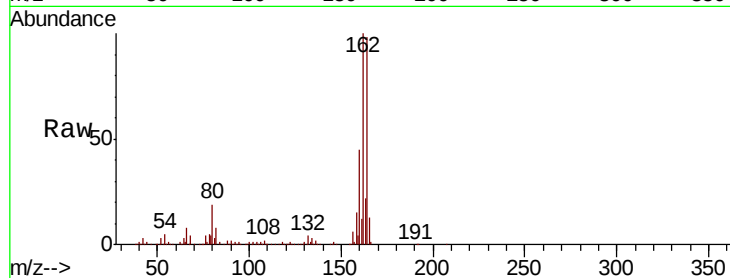
Tot Ion:164 Resp: 258901

Ion Ratio Lower Upper

164 100

162 102.1 83.0 124.4

160 46.1 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.199 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Tgt Ion:216 Resp: 297458

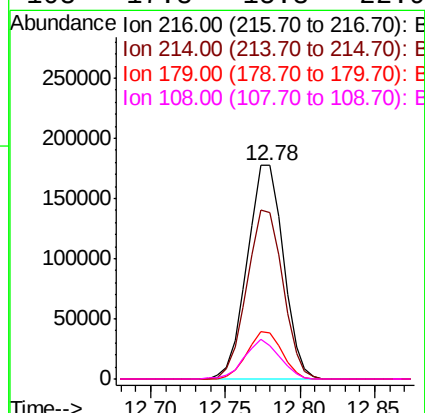
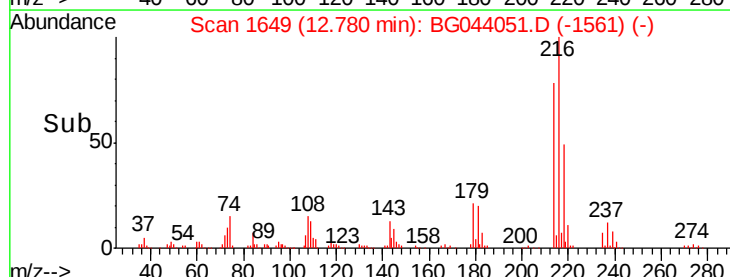
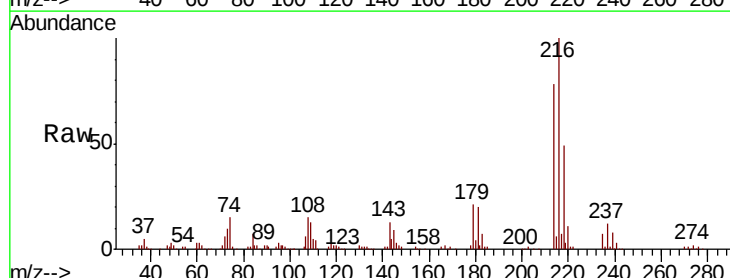
Ion Ratio Lower Upper

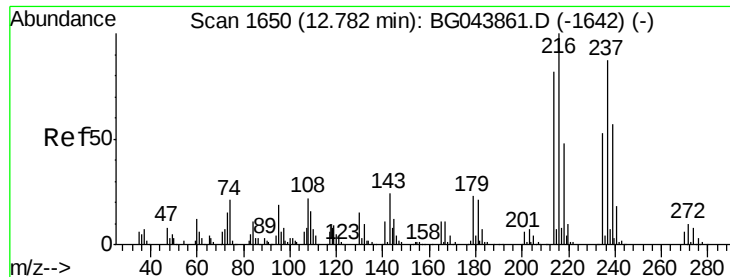
216 100

214 79.0 63.8 95.8

179 21.5 17.3 25.9

108 17.8 15.3 22.9





#41

Hexachlorocyclopentadiene

Concen: 36.771 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

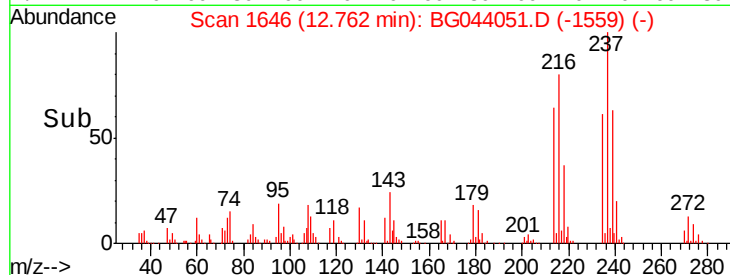
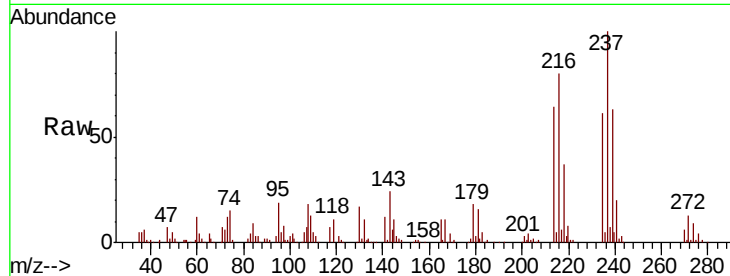
Tot Ion:237 Resp: 144661

Ion Ratio Lower Upper

237 100

235 61.1 41.1 81.1

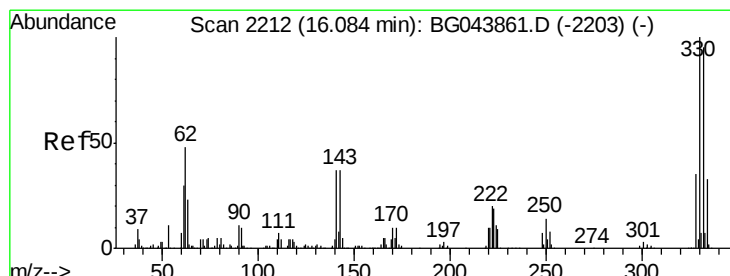
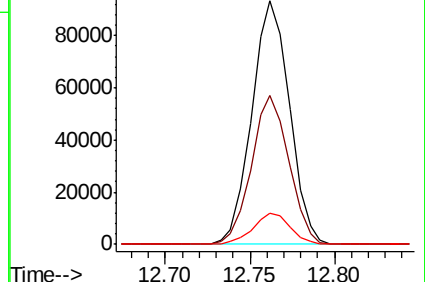
272 12.9 0.0 31.7



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: 89.528 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

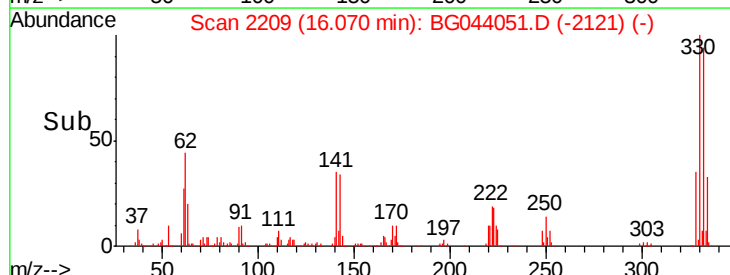
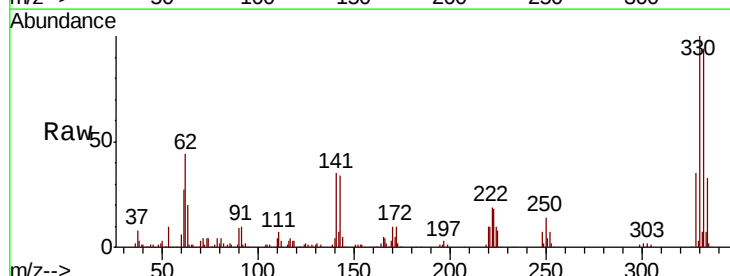
Tgt Ion:330 Resp: 242563

Ion Ratio Lower Upper

330 100

332 95.4 77.2 115.8

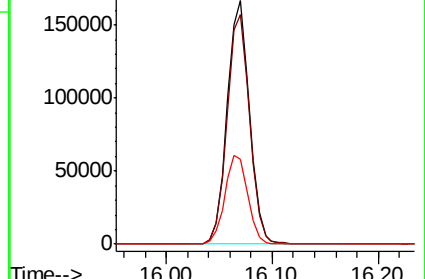
141 37.7 33.1 49.7



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

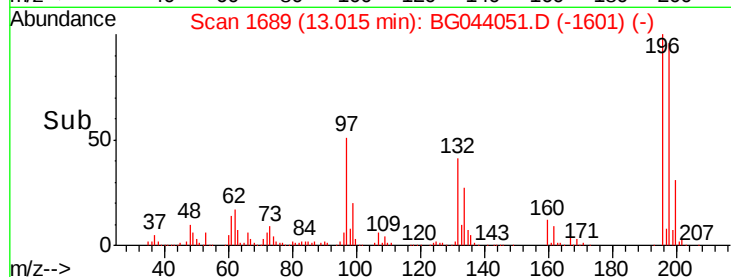
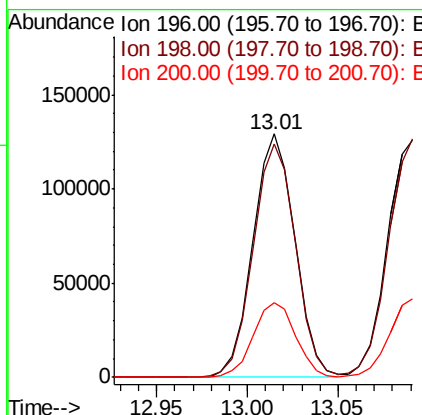
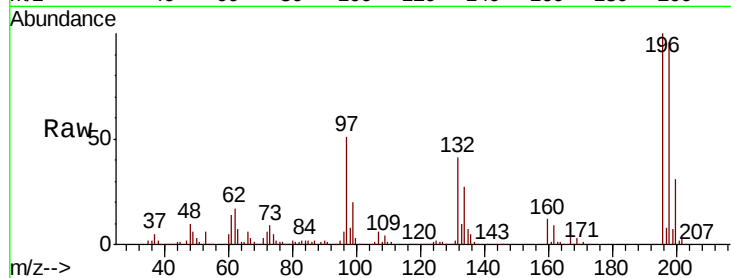




#43
 2,4,6-Trichlorophenol
 Concen: 39.886 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG044051.D
 Acq: 15 Jan 2020 15:52

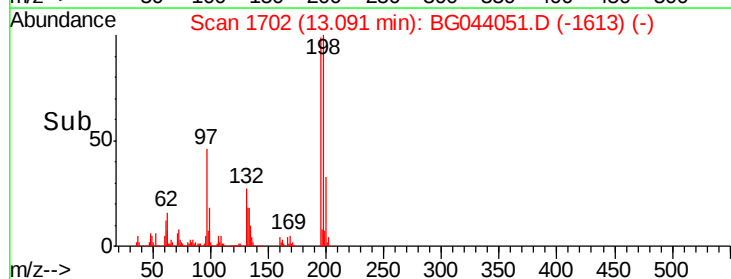
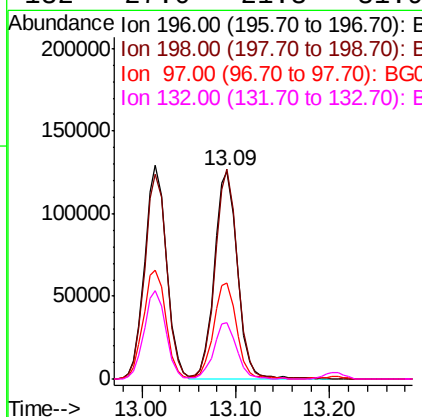
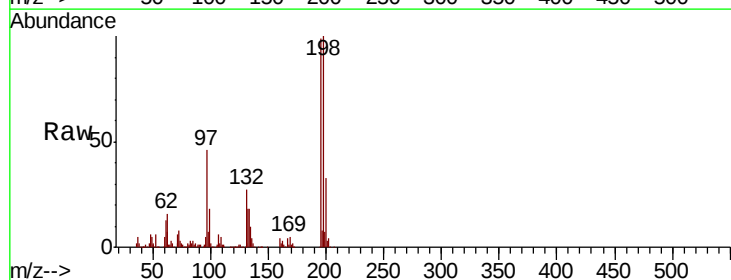
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 208261
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.6 115.0
 200 30.9 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 39.829 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044051.D
 Acq: 15 Jan 2020 15:52

Tgt Ion:196 Resp: 214492
 Ion Ratio Lower Upper
 196 100
 198 100.9 78.3 117.5
 97 46.0 38.8 58.2
 132 27.0 21.3 31.9



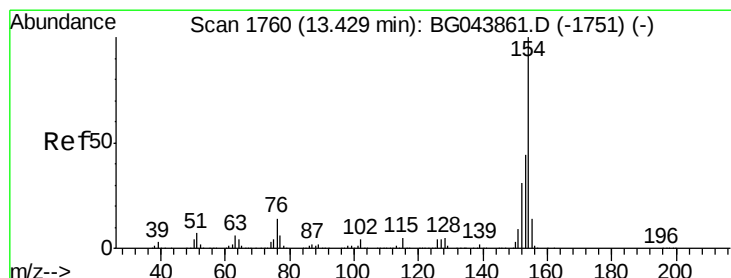
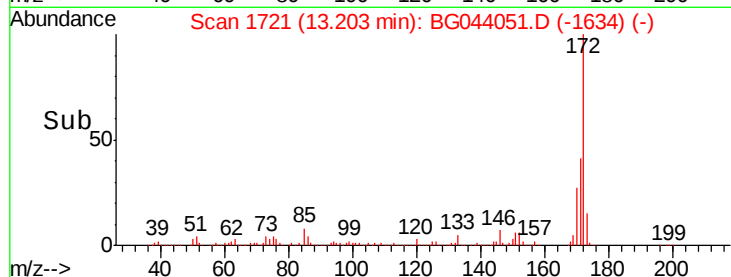
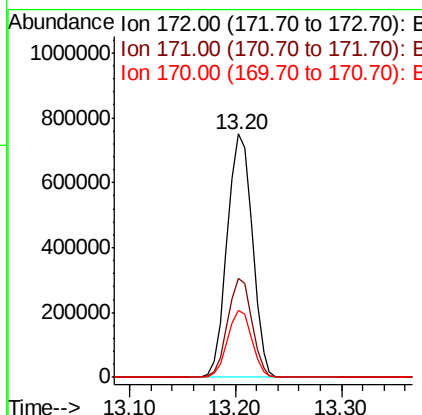
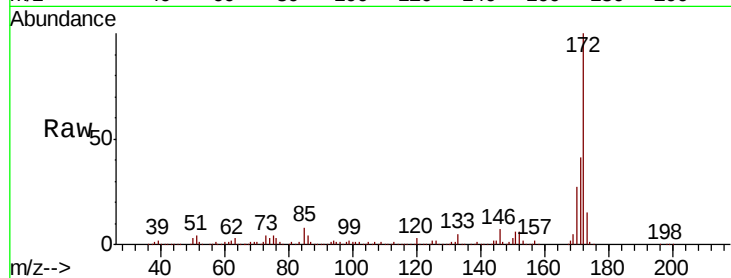


#45
 2-Fluorobiphenyl
 Concen: 86.113 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG044051.D
 Acq: 15 Jan 2020 15:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:172 Resp: 1230550

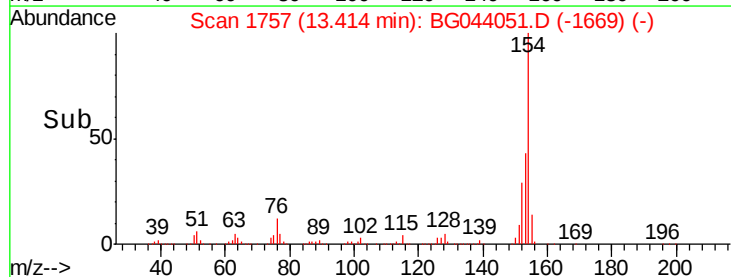
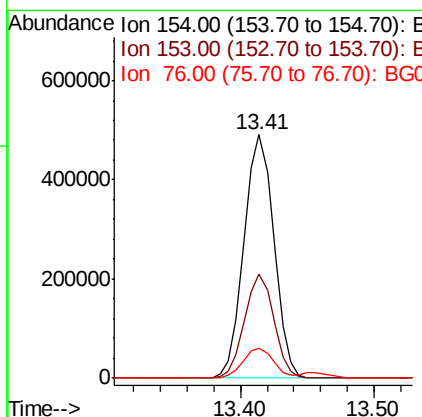
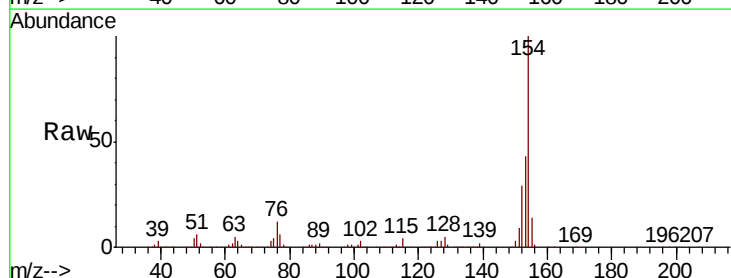
Ion	Ratio	Lower	Upper
172	100		
171	40.9	35.8	53.8
170	27.4	24.2	36.4



#46
 1,1'-Biphenyl
 Concen: 40.904 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG044051.D
 Acq: 15 Jan 2020 15:52

Tgt Ion:154 Resp: 759289

Ion	Ratio	Lower	Upper
154	100		
153	42.6	23.6	63.6
76	12.4	0.0	34.4





#47

2-Chloronaphthalene

Concen: 39.760 ng

RT: 13.46 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

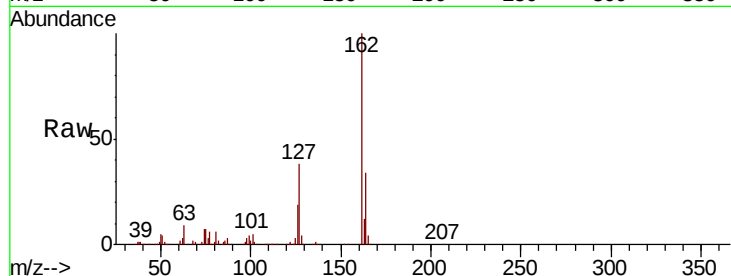
Tot Ion:162 Resp: 596391

Ion Ratio Lower Upper

162 100

127 38.4 32.1 48.1

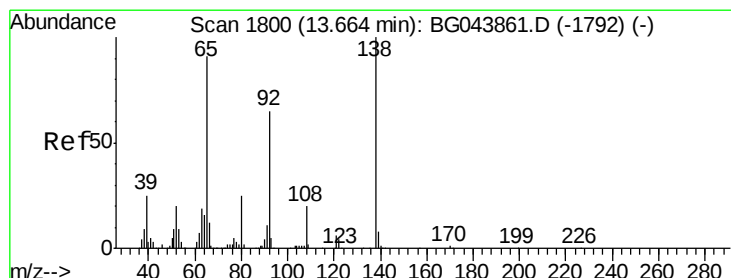
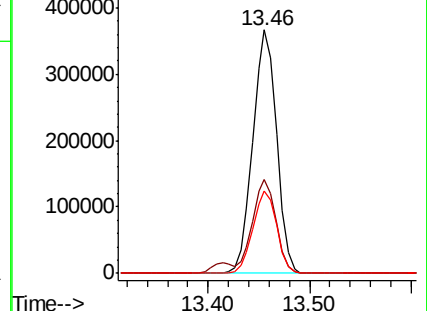
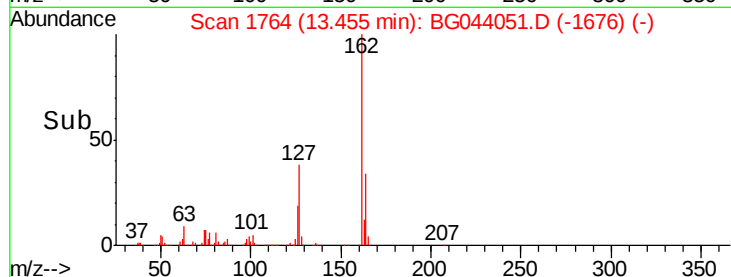
164 33.9 27.5 41.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.466 ng

RT: 13.65 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

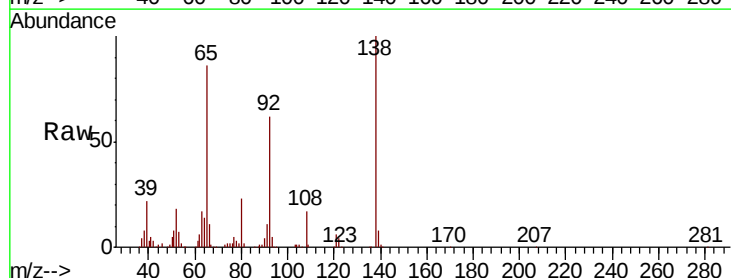
Tgt Ion: 65 Resp: 185601

Ion Ratio Lower Upper

65 100

92 71.9 57.4 86.2

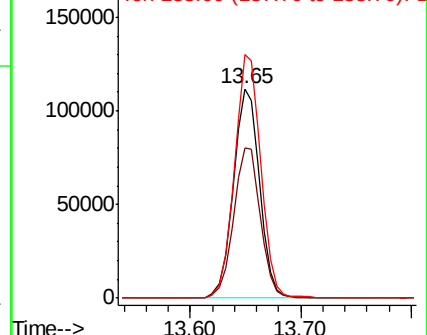
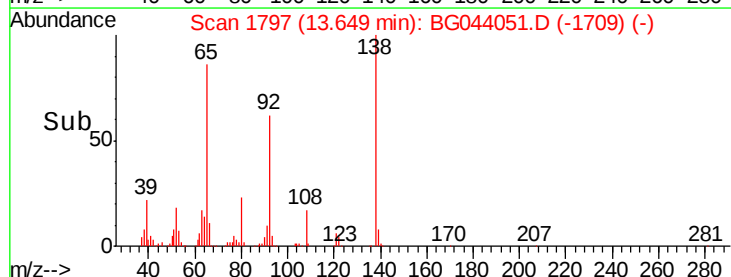
138 116.2 88.2 132.4

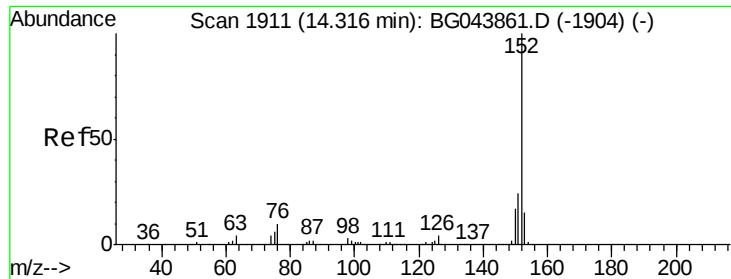


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.805 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

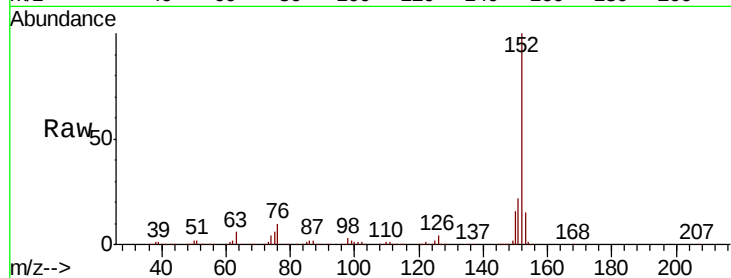
Tot Ion:152 Resp: 901285

Ion Ratio Lower Upper

152 100

151 22.4 19.4 29.2

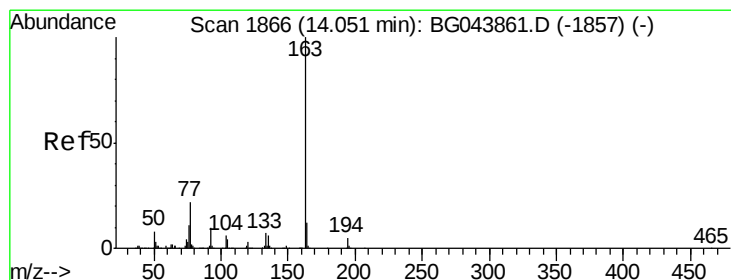
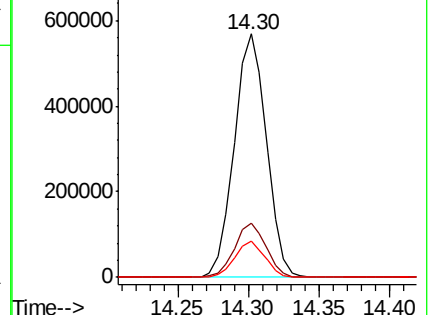
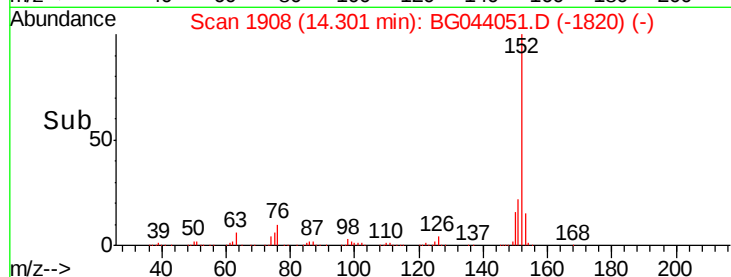
153 14.6 12.0 18.0



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: 41.382 ng

RT: 14.04 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

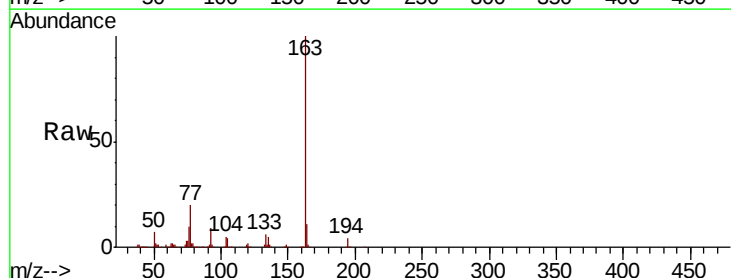
Tgt Ion:163 Resp: 760720

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

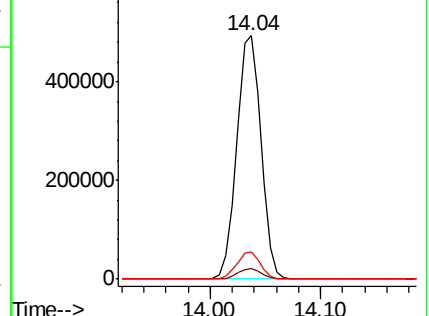
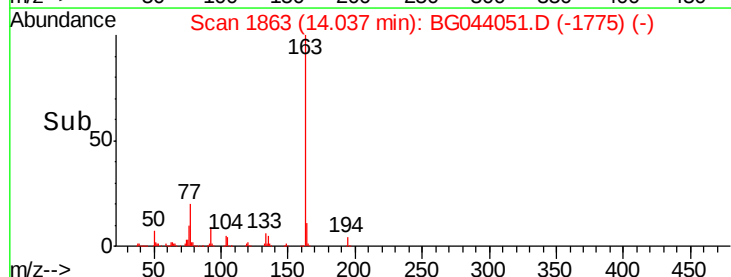
164 11.0 9.3 13.9



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: 40.228 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

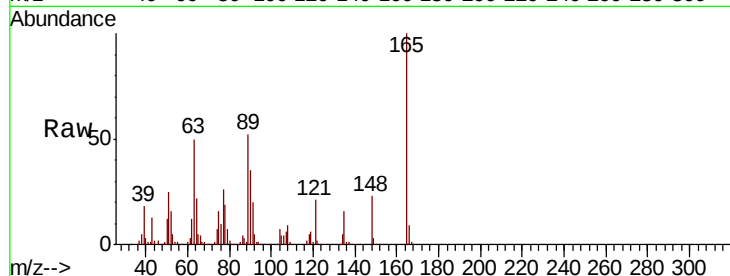
Tot Ion:165 Resp: 167148

Ion Ratio Lower Upper

165 100

63 50.0 43.1 64.7

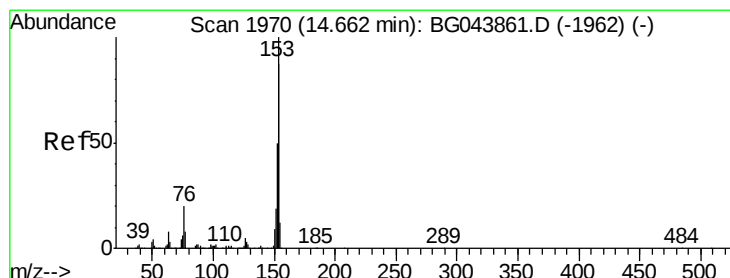
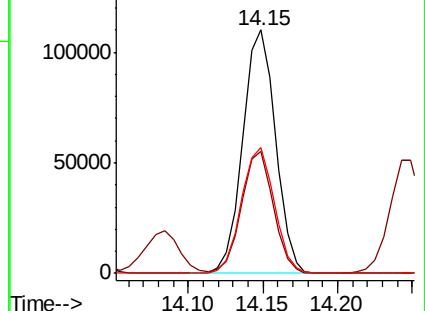
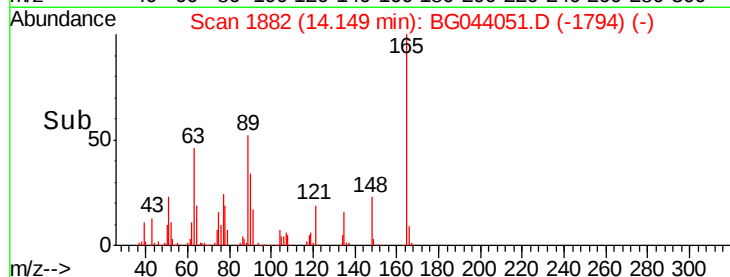
89 51.8 43.8 65.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 38.754 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

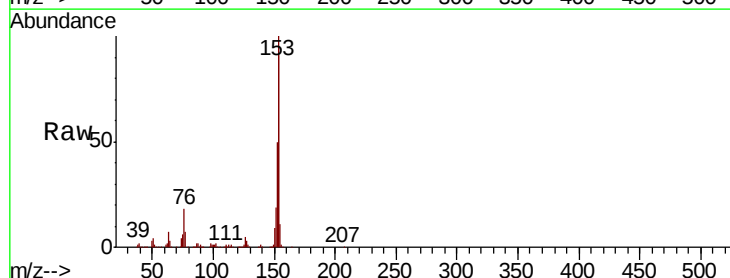
Tgt Ion:154 Resp: 585932

Ion Ratio Lower Upper

154 100

153 109.6 91.6 137.4

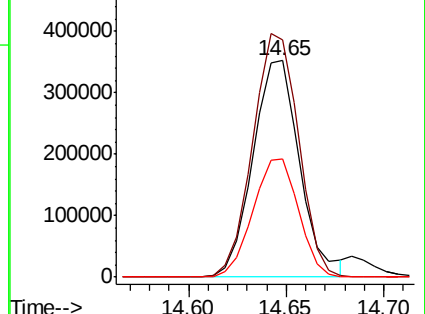
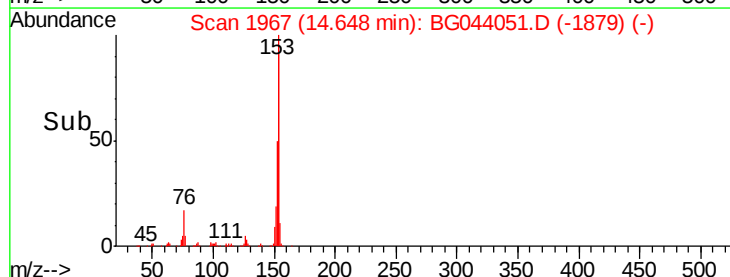
152 54.4 45.4 68.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

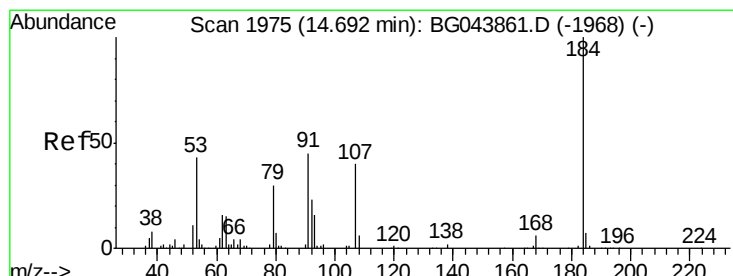
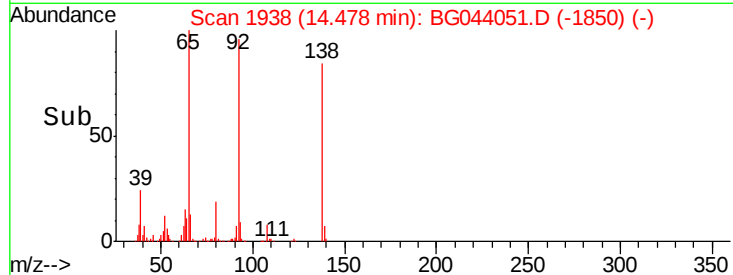
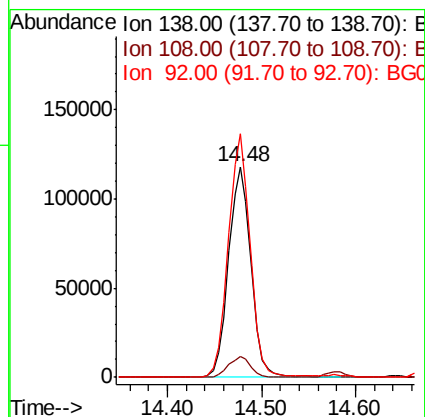
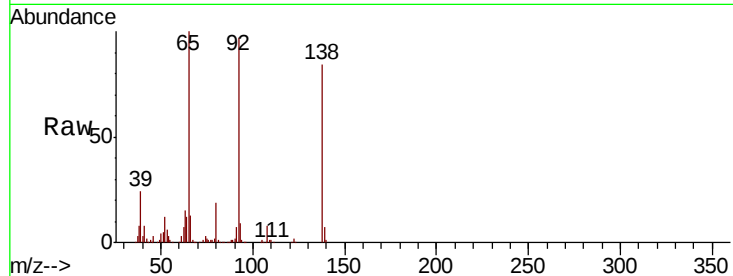




#53
3-Nitroaniline
Concen: 41.370 ng
RT: 14.48 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

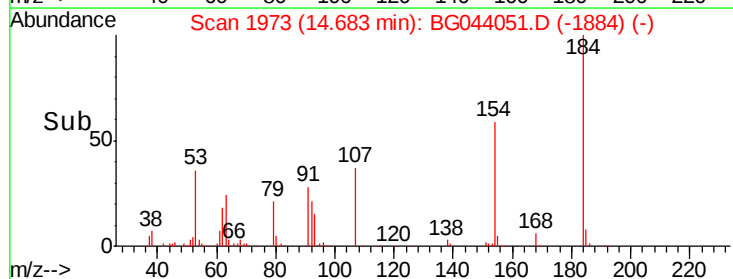
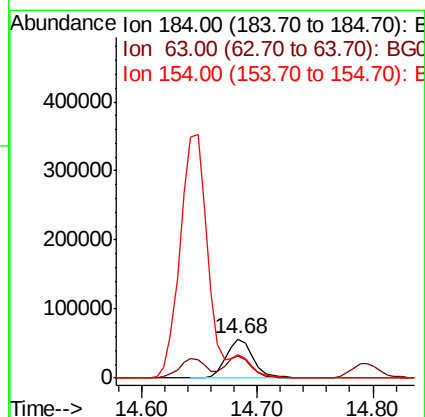
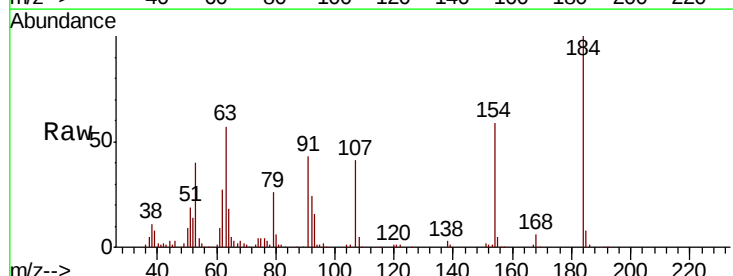
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

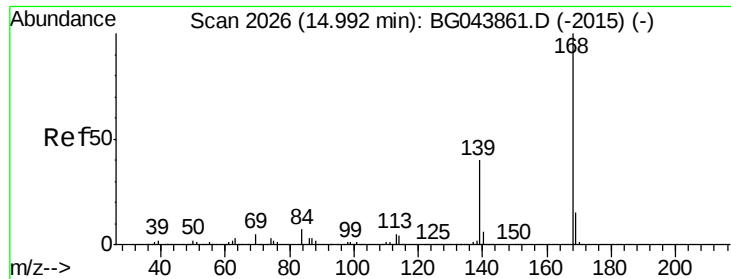
Tot Ion:138 Resp: 195198
Ion Ratio Lower Upper
138 100
108 10.0 7.4 11.2
92 115.5 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 46.460 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Tgt Ion:184 Resp: 93121
Ion Ratio Lower Upper
184 100
63 56.7 46.6 70.0
154 58.7 50.2 75.4

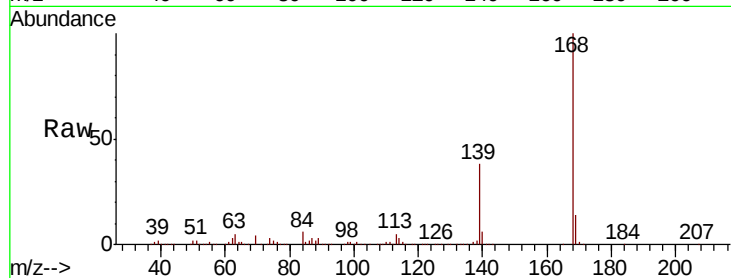




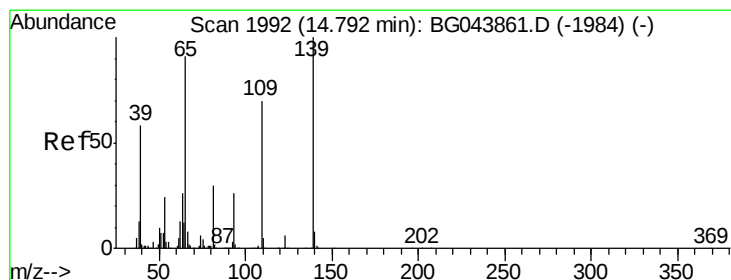
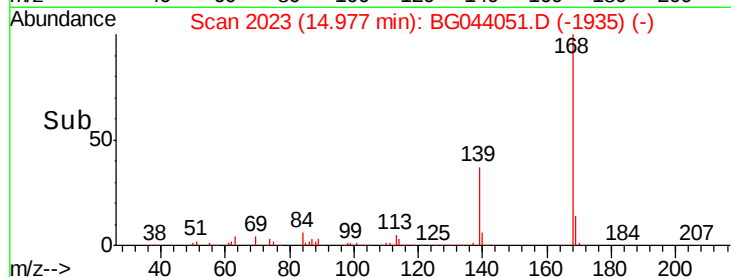
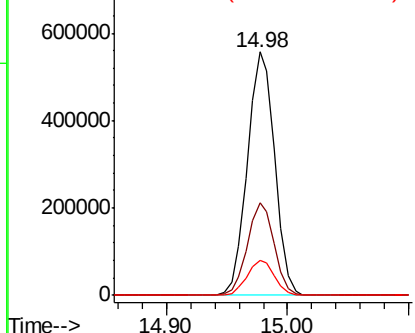
#55
Dibenzofuran
Concen: 42.075 ng
RT: 14.98 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 875718
Ion Ratio Lower Upper
168 100
139 38.0 32.2 48.2
169 14.3 12.2 18.2

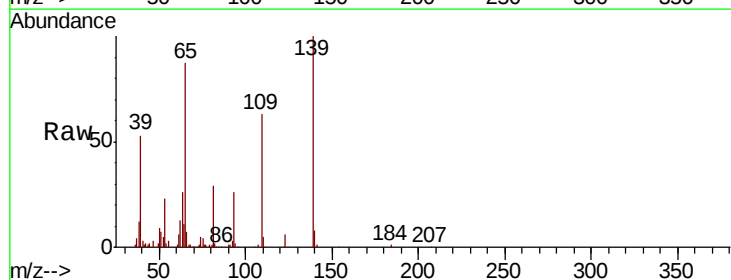


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

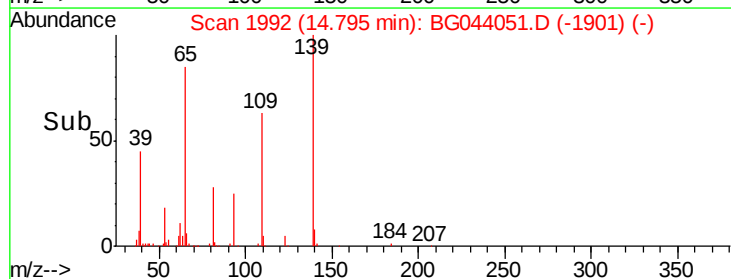
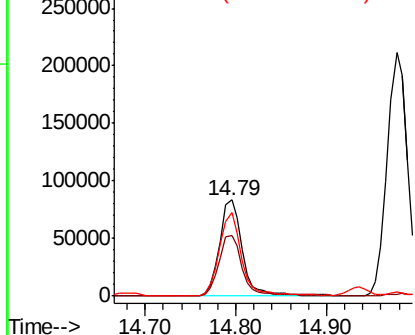


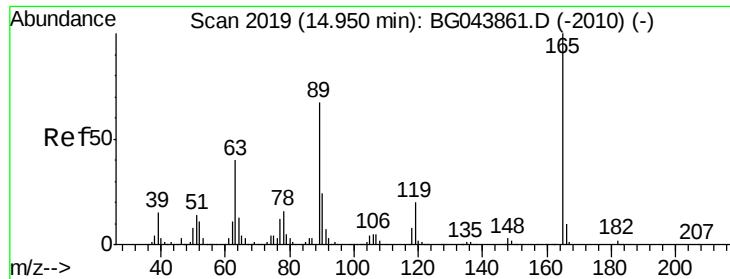
#56
4-Nitrophenol
Concen: 40.648 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Tgt Ion:139 Resp: 146972
Ion Ratio Lower Upper
139 100
109 63.2 50.4 90.4
65 86.7 71.4 111.4



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

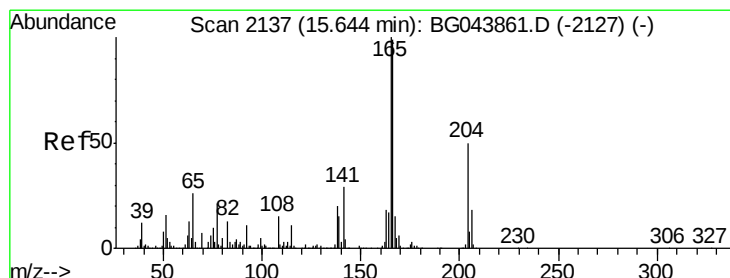
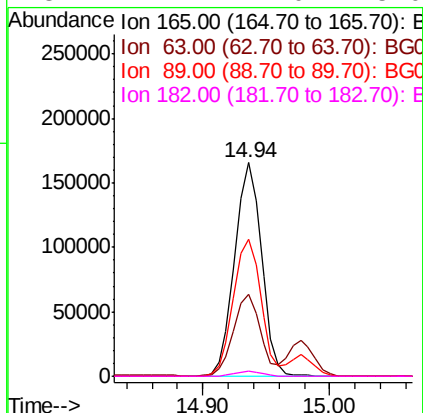
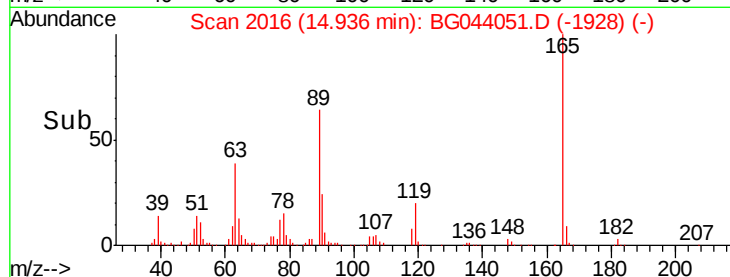
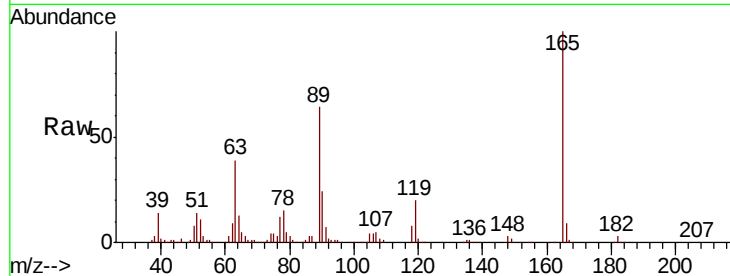




#57
2,4-Dinitrotoluene
Concen: 43.012 ng
RT: 14.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

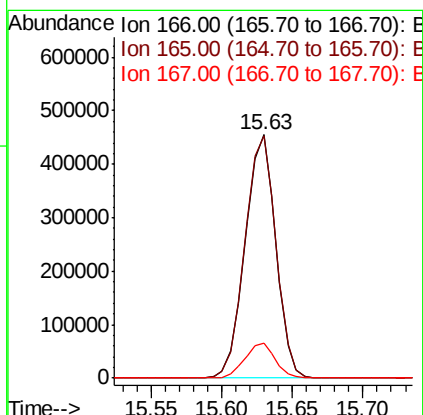
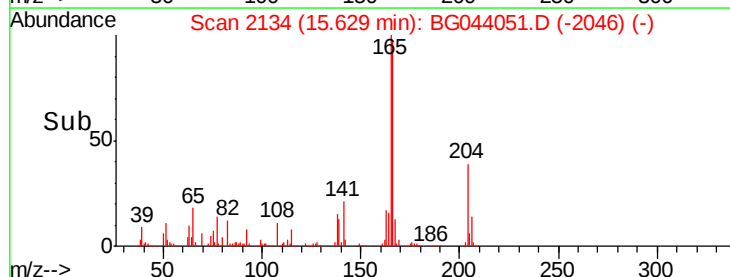
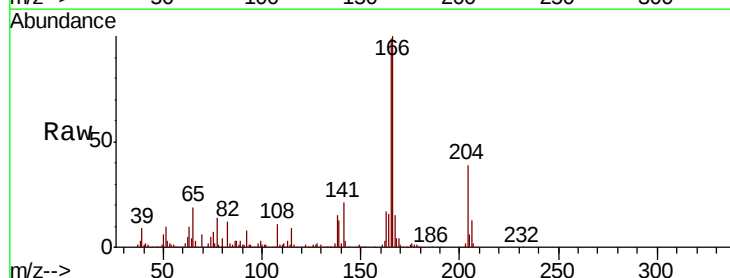
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.6	31.9	47.9
89	63.9	53.8	80.6
182	2.7	2.0	3.0



#58
Fluorene
Concen: 41.929 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.8	121.2
167	14.5	12.1	18.1

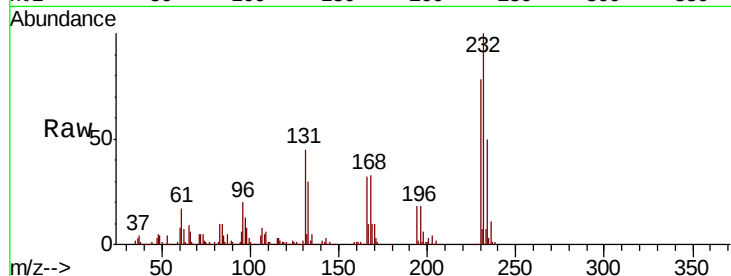




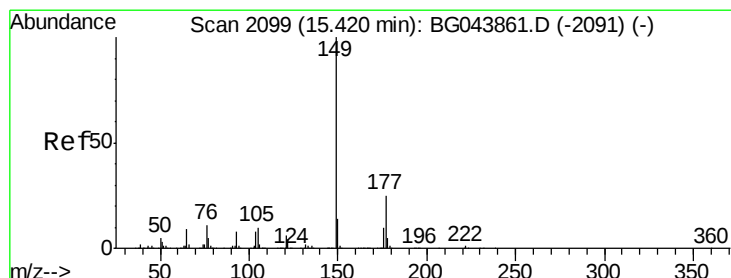
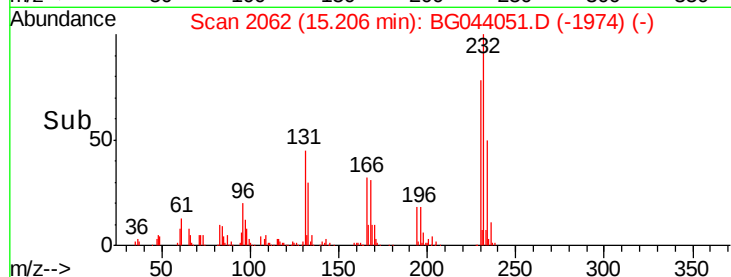
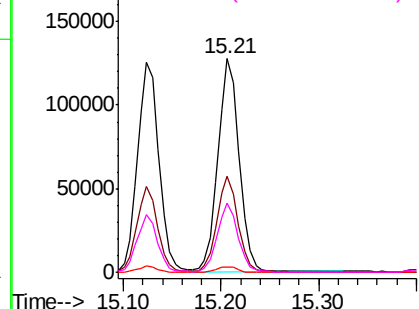
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.688 ng
 RT: 15.21 min Scan# 2062
 Delta R.T. -0.01 min
 Lab File: BG044051.D
 Acq: 15 Jan 2020 15:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:232	Resp:	193045
Ion Ratio	Lower	Upper
232 100		
131 44.7	38.2	57.2
130 2.4	2.2	3.2
166 31.7	26.4	39.6

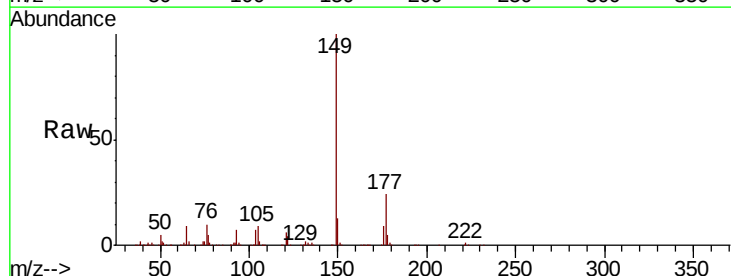


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

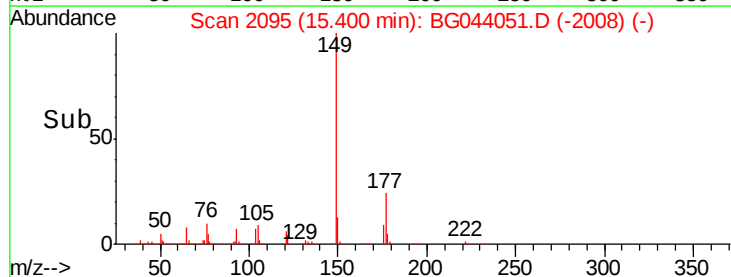
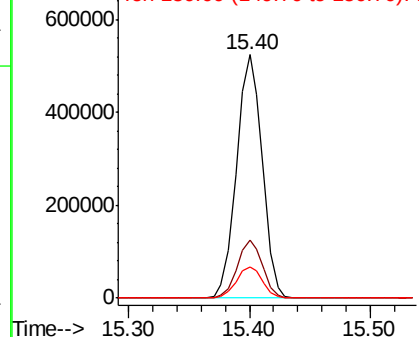


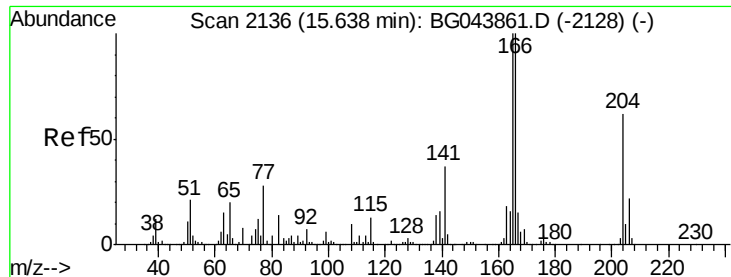
#60
 Diethylphthalate
 Concen: 42.028 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.02 min
 Lab File: BG044051.D
 Acq: 15 Jan 2020 15:52

Tgt Ion	Ion:149	Resp: Lower	772746 Upper
149	Ratio 100		
177	24.0	20.0	30.0
150	13.0	11.1	16.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

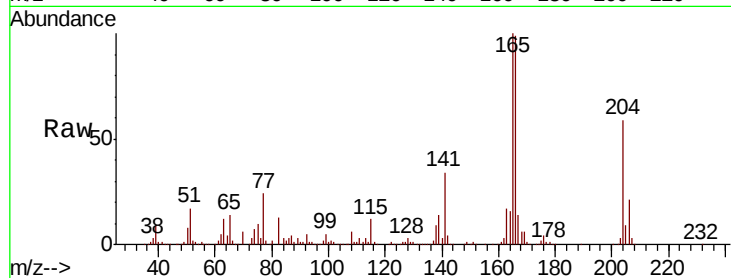




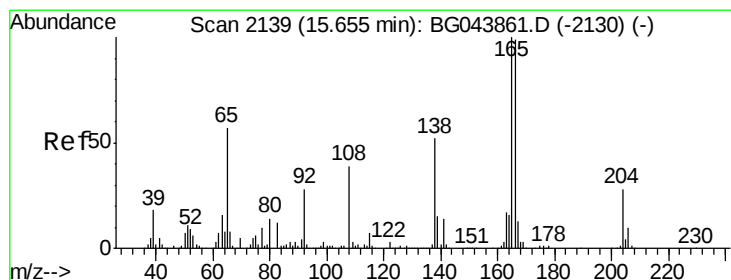
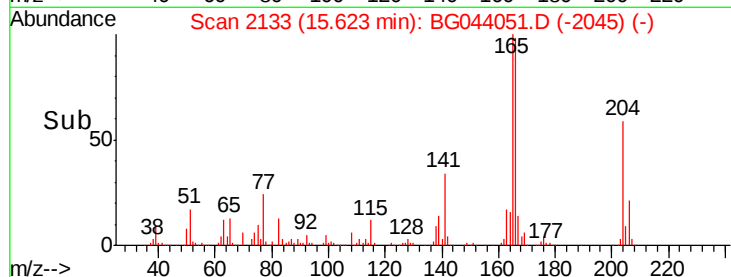
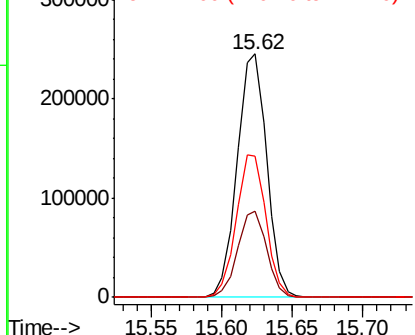
#61
4-Chlorophenyl-phenylether
Concen: 40.110 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 359290
Ion Ratio Lower Upper
204 100
206 35.2 28.2 42.2
141 58.2 48.2 72.2

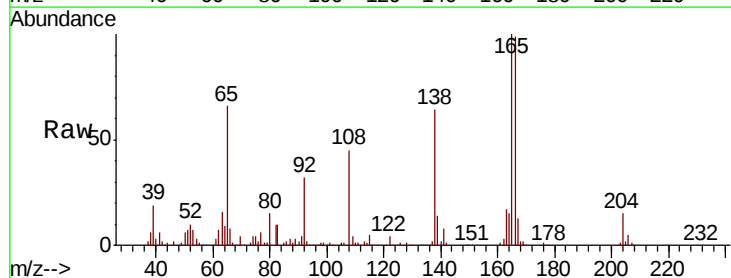


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

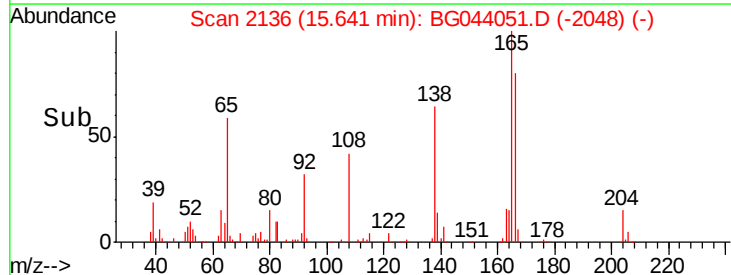
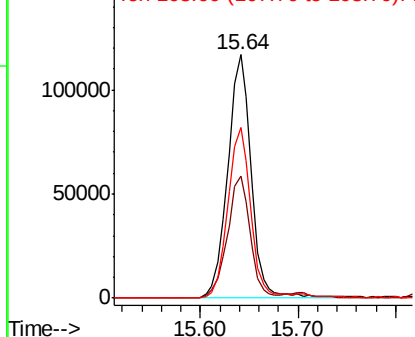


#62
4-Nitroaniline
Concen: 41.870 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Tgt Ion:138 Resp: 195092
Ion Ratio Lower Upper
138 100
92 50.2 34.3 74.3
108 70.1 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: 39.532 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 674087

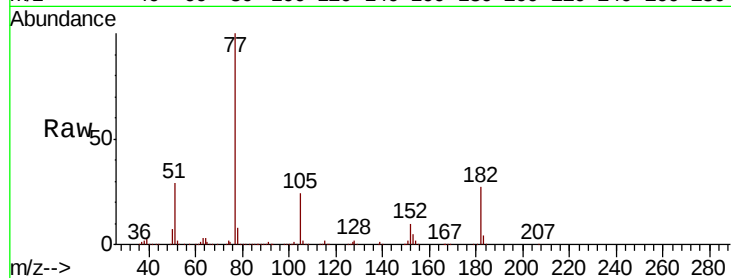
Ion Ratio Lower Upper

77 100

182 27.2 7.3 47.3

105 23.6 3.2 43.2

51 28.8 10.6 50.6

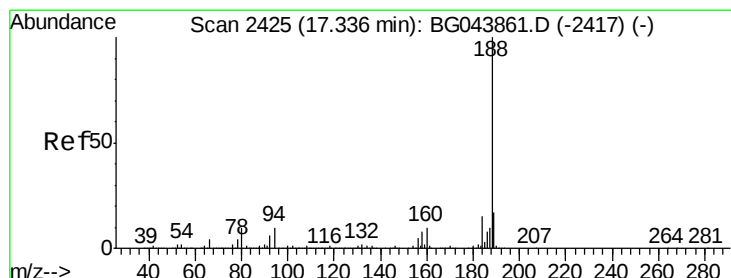
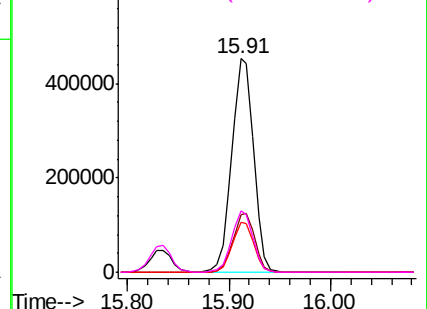
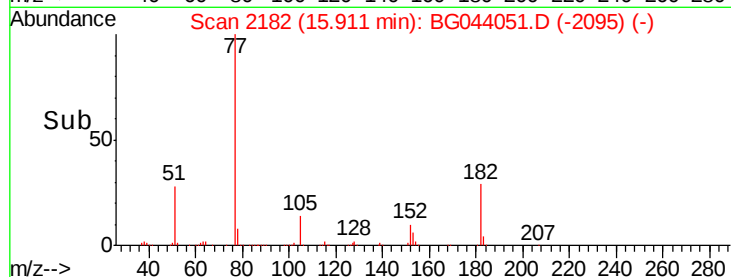


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

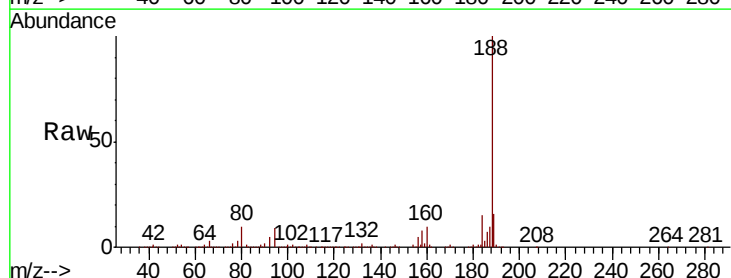
Tgt Ion: 188 Resp: 564965

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

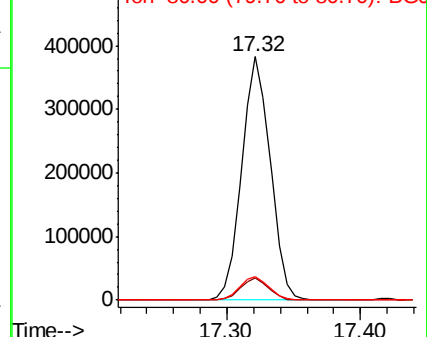
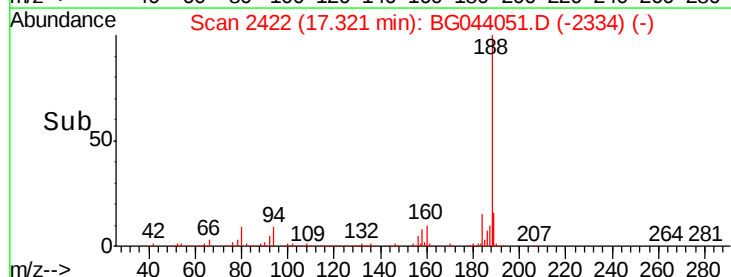
80 9.5 8.2 12.4

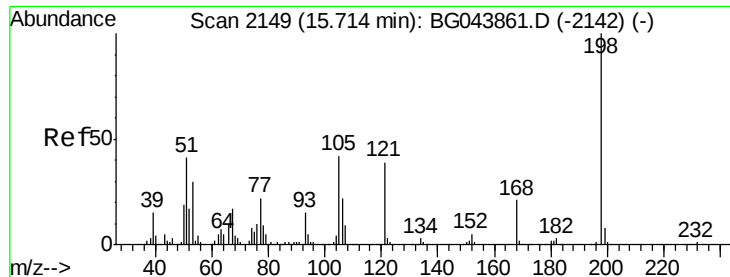


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 44.924 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

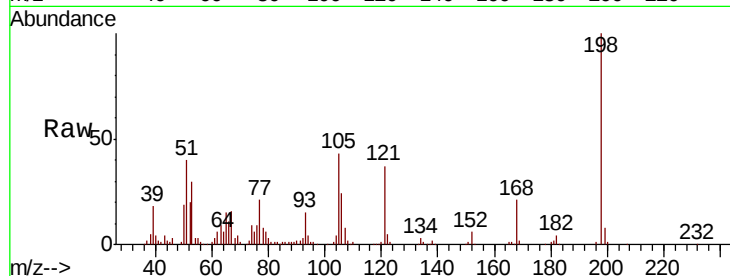
Tot Ion:198 Resp: 129867

Ion	Ratio	Lower	Upper
198	100		
51	40.0	22.5	62.5
105	43.0	22.3	62.3

198 100

51 40.0 22.5 62.5

105 43.0 22.3 62.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044051.D (-2058) (-)

Ion 105.00 (104.70 to 105.70): E

100000

80000

60000

40000

20000

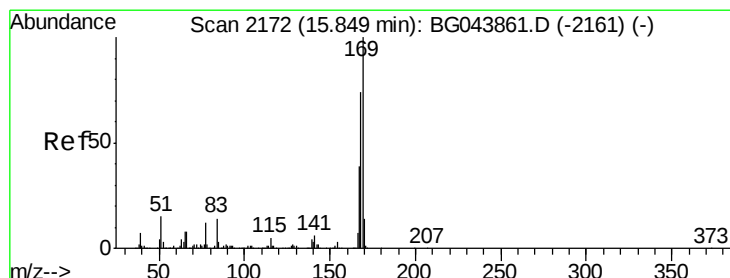
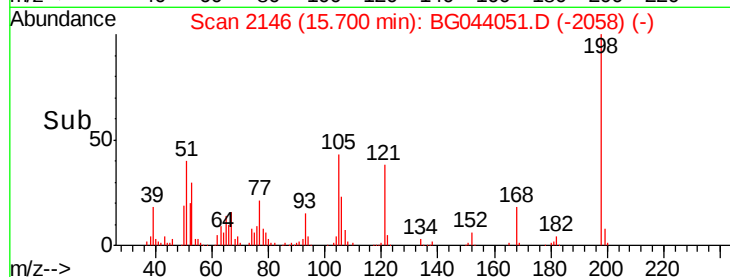
0

15.60

15.70

15.80

Time-->



#66

n-Nitrosodiphenylamine

Concen: 38.394 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

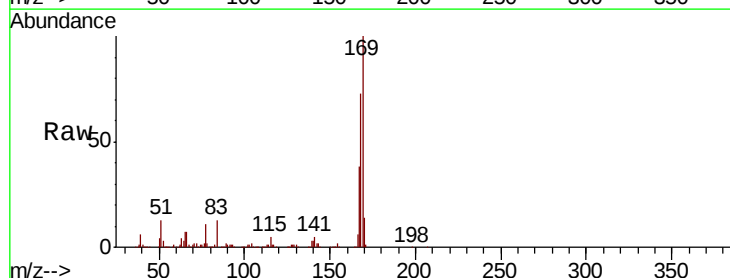
Tgt Ion:169 Resp: 638782

Ion	Ratio	Lower	Upper
169	100		
168	72.8	59.0	88.6
167	38.5	31.4	47.0

169 100

168 72.8 59.0 88.6

167 38.5 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

600000

500000

400000

300000

200000

100000

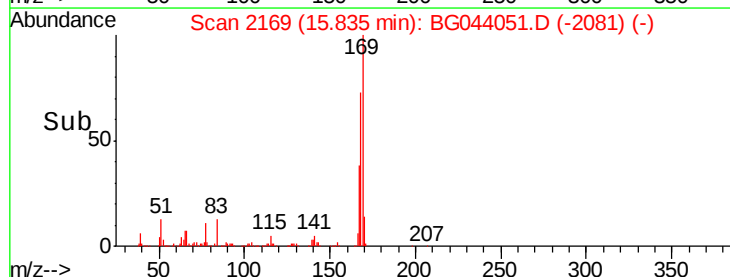
0

15.80

15.83

15.90

Time-->

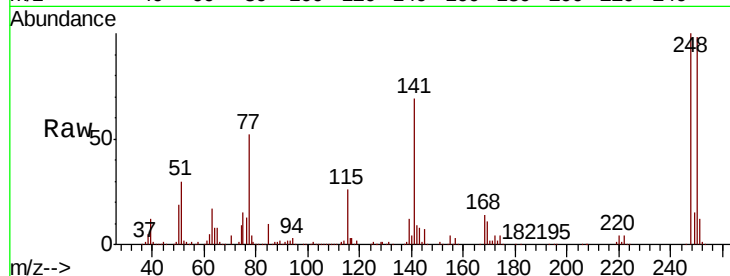




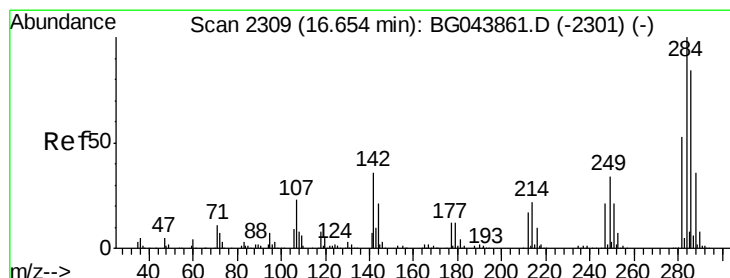
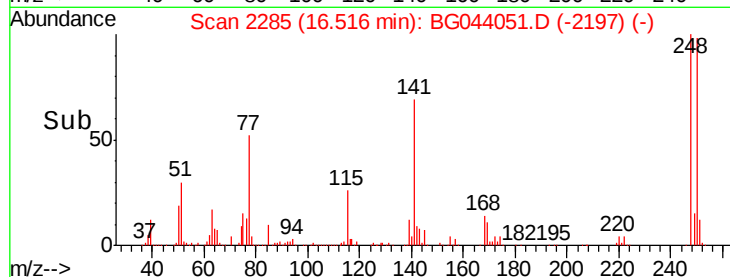
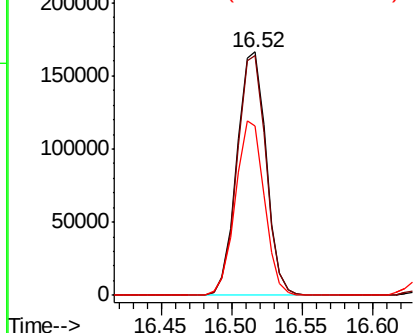
#67
4-Bromophenyl-phenylether
Concen: 37.810 ng
RT: 16.52 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 240251
Ion Ratio Lower Upper
248 100
250 98.3 78.2 117.2
141 69.5 59.3 88.9

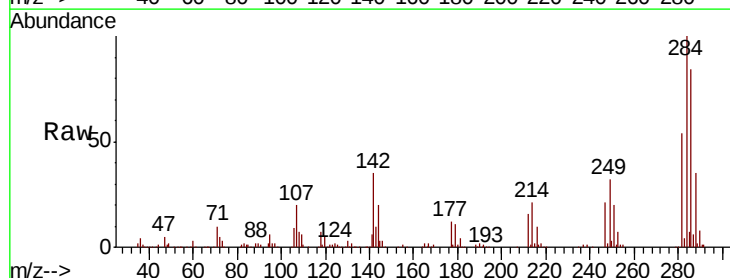


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

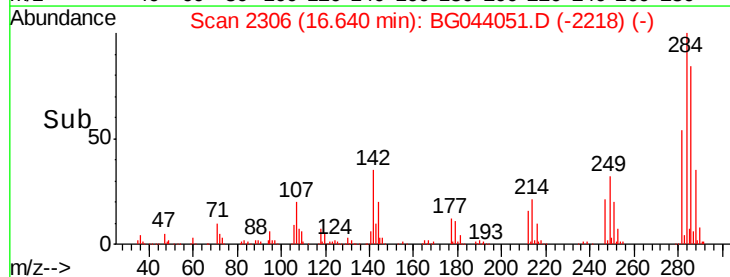
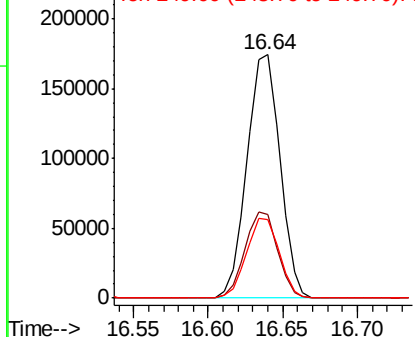


#68
Hexachlorobenzene
Concen: 38.868 ng
RT: 16.64 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Tgt Ion:284 Resp: 266117
Ion Ratio Lower Upper
284 100
142 34.5 28.6 43.0
249 32.2 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: 35.859 ng

RT: 16.78 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

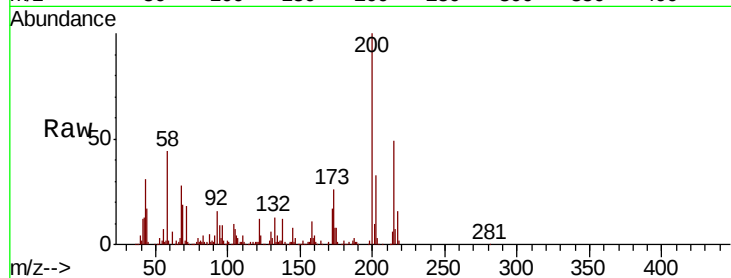
Tot Ion:200 Resp: 193926

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

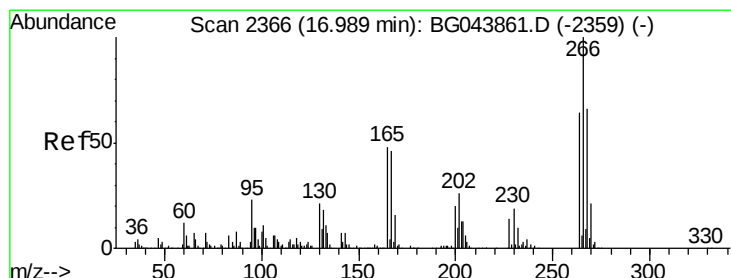
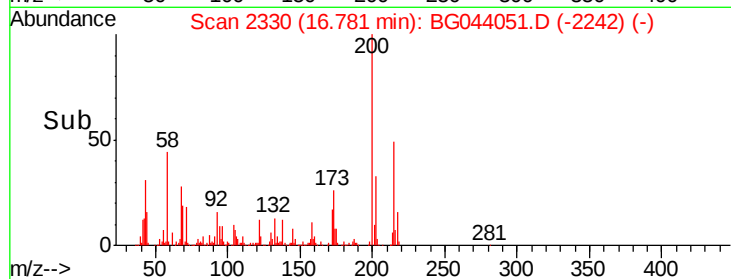
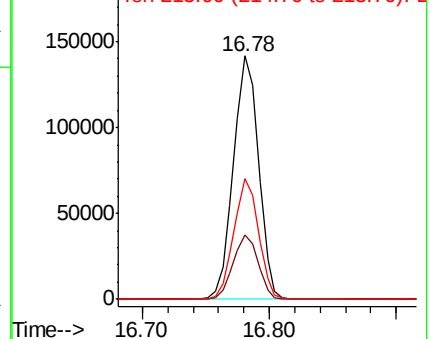
215 49.4 28.6 68.6



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: 38.942 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

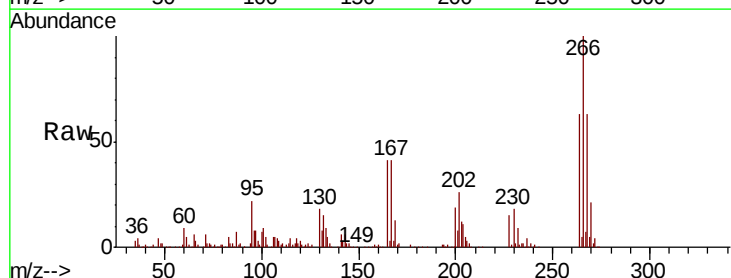
Tgt Ion:266 Resp: 146977

Ion Ratio Lower Upper

266 100

268 62.8 52.6 79.0

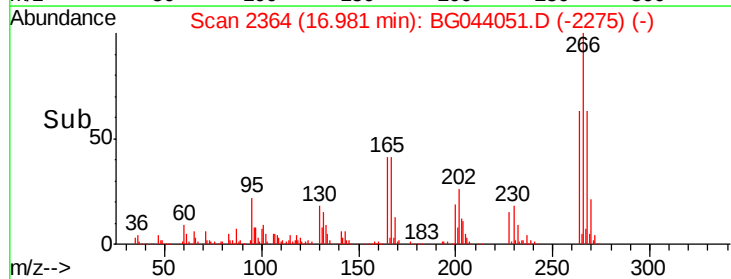
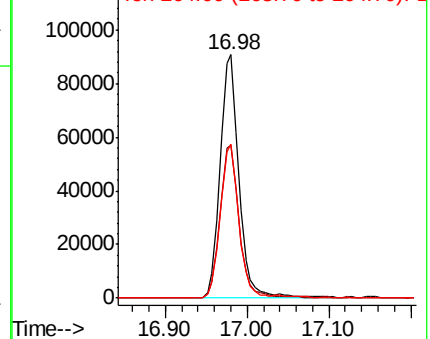
264 63.1 50.8 76.2



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

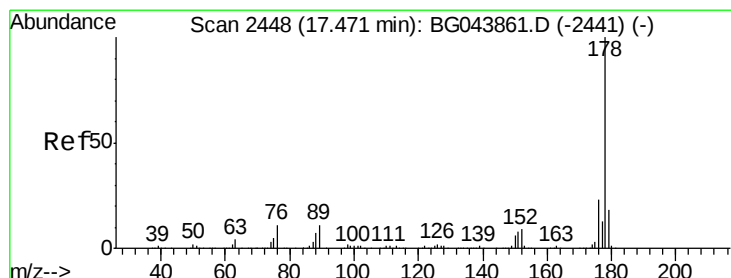
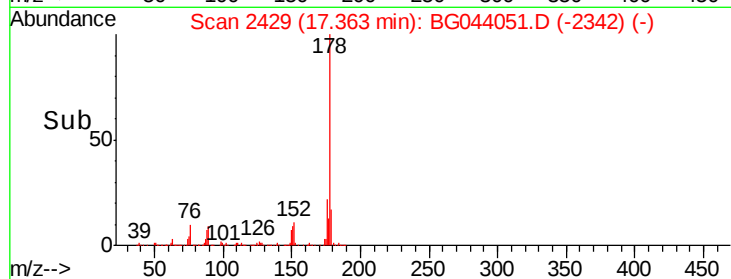
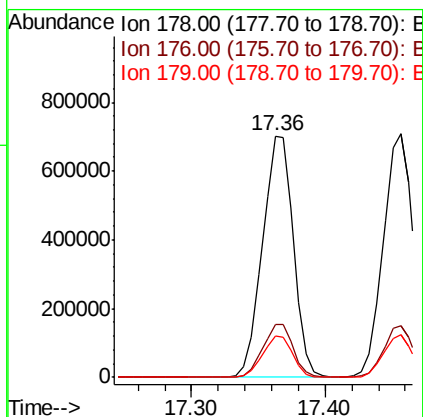
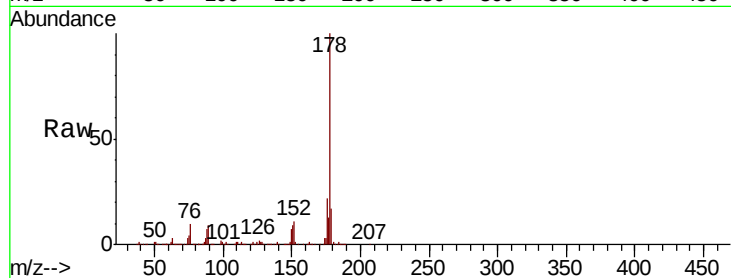




#71
Phenanthrene
Concen: 41.457 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

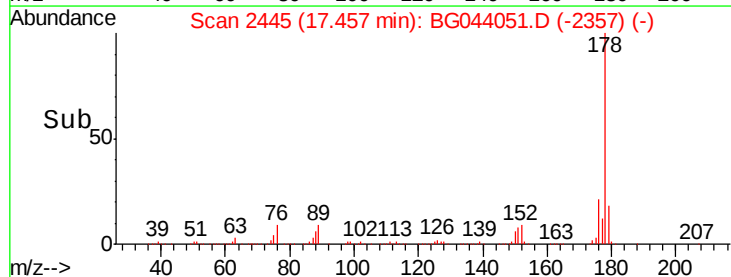
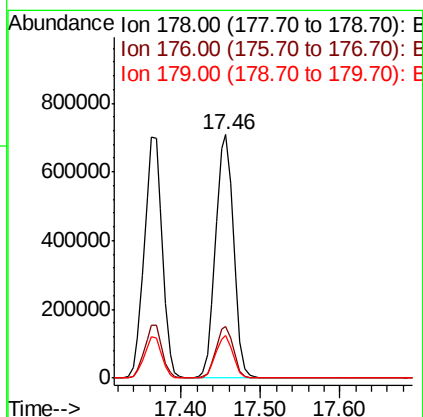
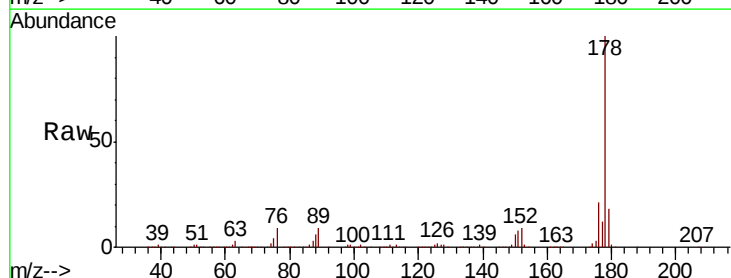
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

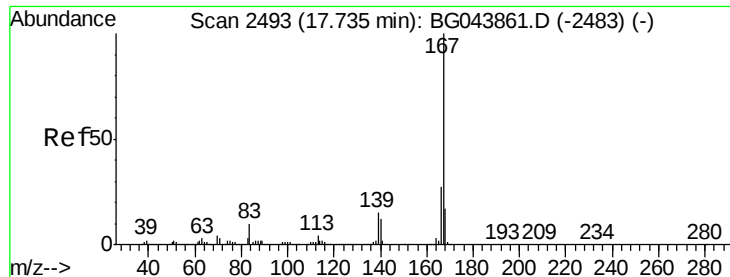
Tot Ion:178 Resp: 1123422
Ion Ratio Lower Upper
178 100
176 22.1 18.6 28.0
179 17.4 14.4 21.6



#72
Anthracene
Concen: 41.525 ng
RT: 17.46 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Tgt Ion:178 Resp: 1112076
Ion Ratio Lower Upper
178 100
176 21.4 18.3 27.5
179 17.6 14.6 22.0



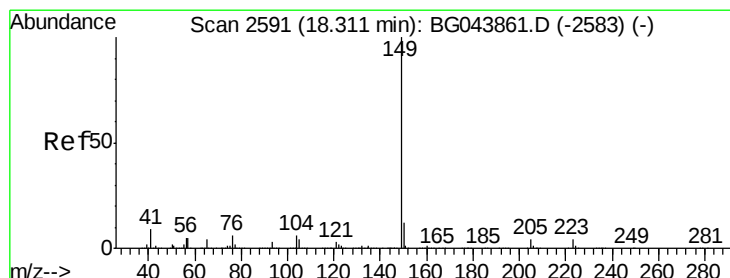
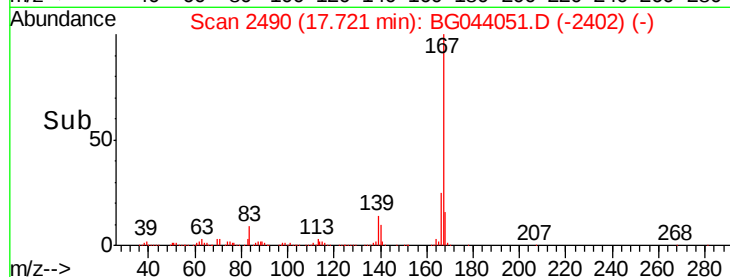
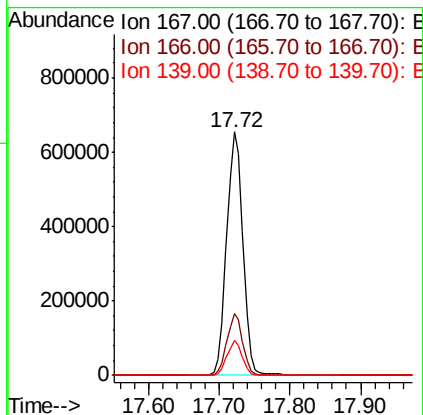
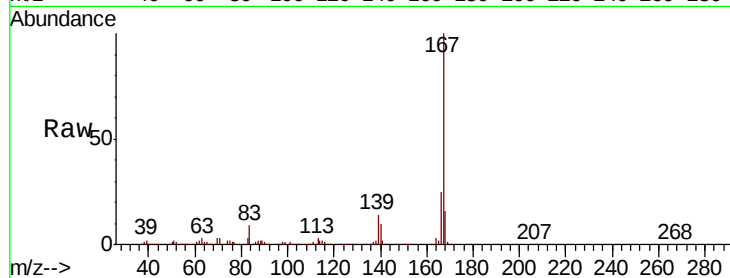


#73
 Carbazole
 Concen: 42.534 ng
 RT: 17.72 min Scan# 2490
 Delta R.T. -0.01 min
 Lab File: BG044051.D
 Acq: 15 Jan 2020 15:52

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 1052218

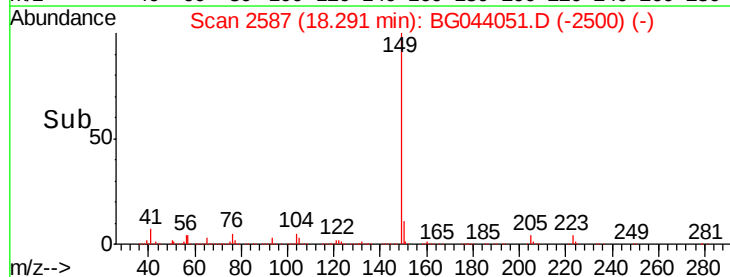
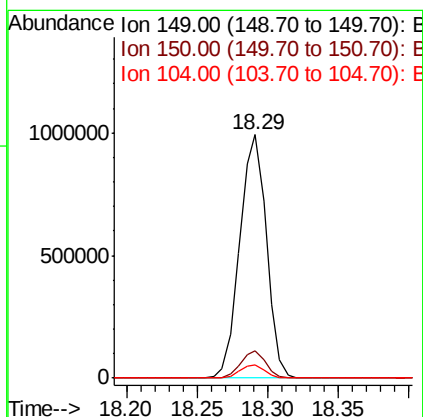
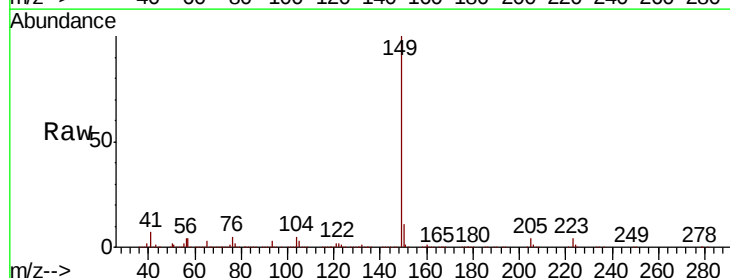
Ion	Ratio	Lower	Upper
167	100		
166	25.2	21.6	32.4
139	14.2	12.1	18.1

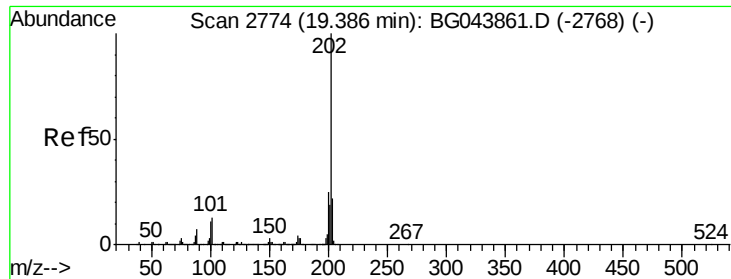


#74
 Di-n-butylphthalate
 Concen: 41.493 ng
 RT: 18.29 min Scan# 2587
 Delta R.T. -0.02 min
 Lab File: BG044051.D
 Acq: 15 Jan 2020 15:52

Tgt Ion:149 Resp: 1310551

Ion	Ratio	Lower	Upper
149	100		
150	11.0	9.7	14.5
104	5.4	5.0	7.4





#75

Fluoranthene

Concen: 41.648 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

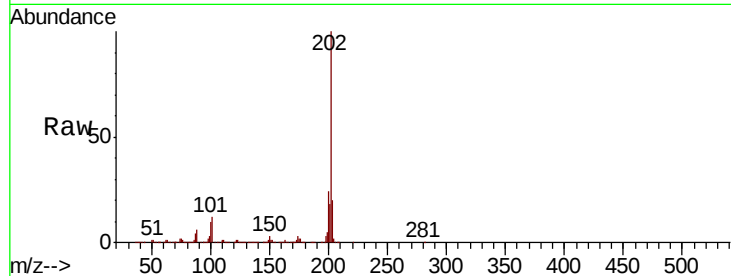
Tot Ion:202 Resp: 1290724

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.3

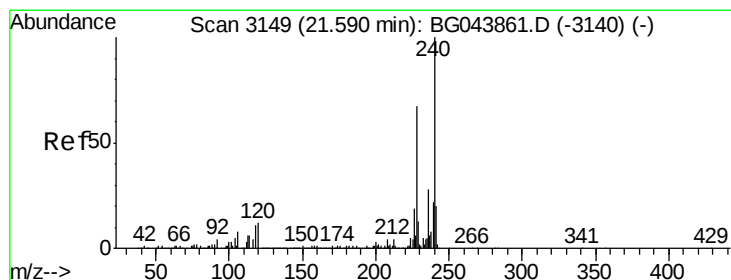
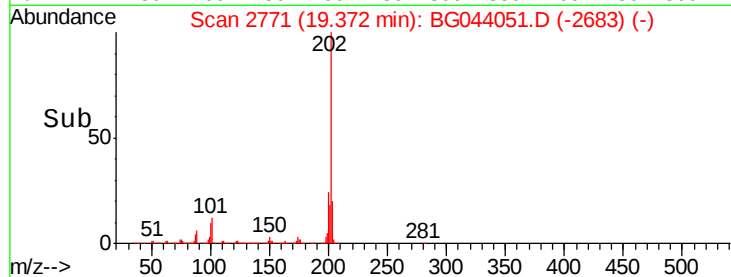
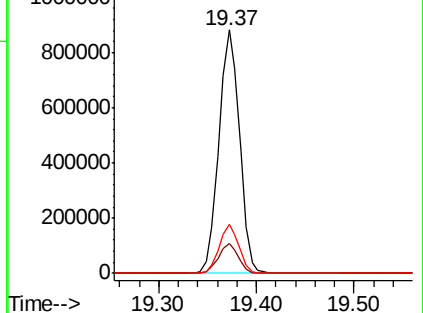
203 20.1 1.6 41.6



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: 21.57 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

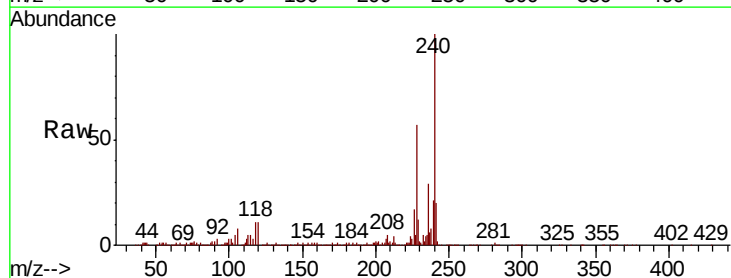
Tgt Ion:240 Resp: 493369

Ion Ratio Lower Upper

240 100

120 11.0 9.6 14.4

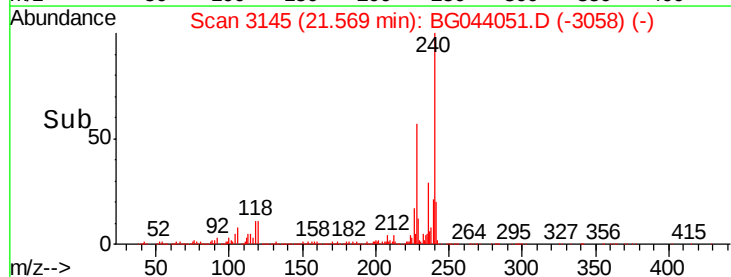
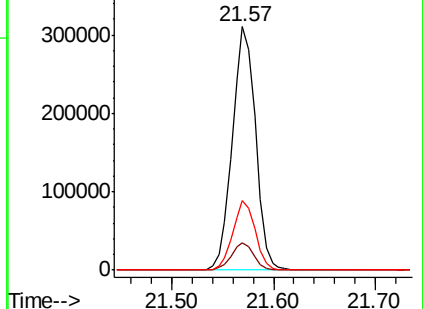
236 28.6 22.2 33.2

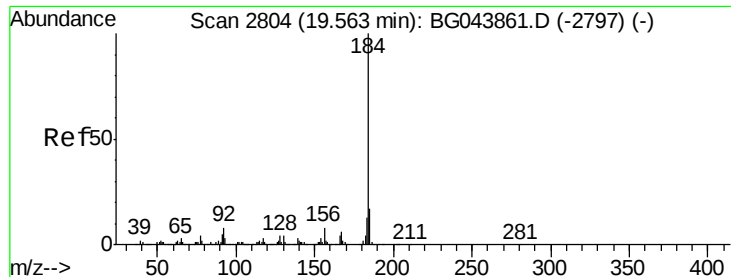


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.511 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.01 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

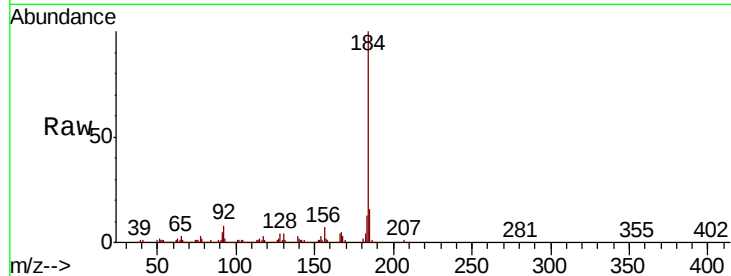
Tot Ion:184 Resp: 477579

Ion Ratio Lower Upper

184 100

185 15.5 13.4 20.0

183 12.9 10.6 15.8

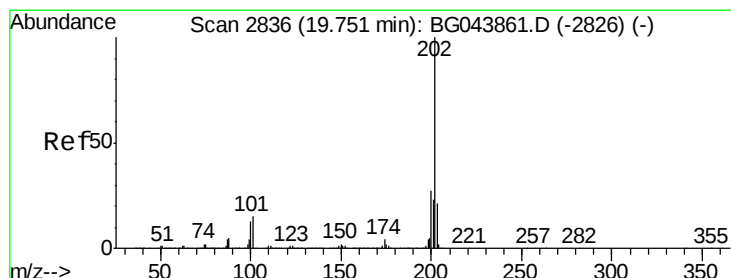
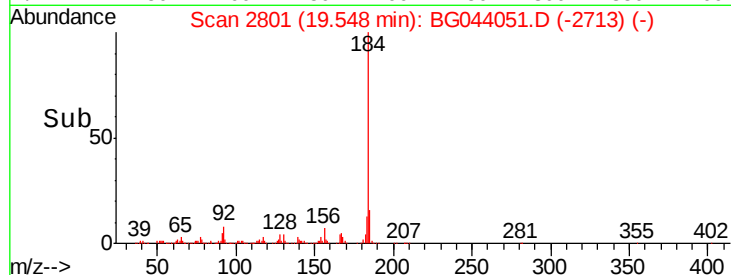
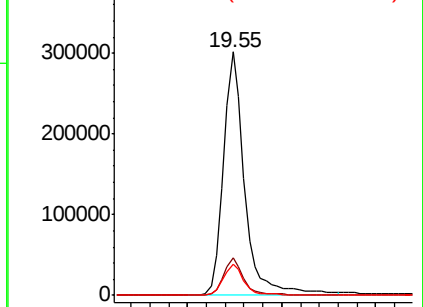


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.492 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.02 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

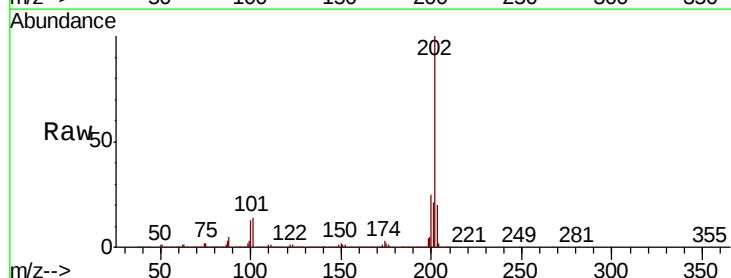
Tgt Ion:202 Resp: 1304023

Ion Ratio Lower Upper

202 100

200 24.5 21.7 32.5

203 20.3 17.0 25.6

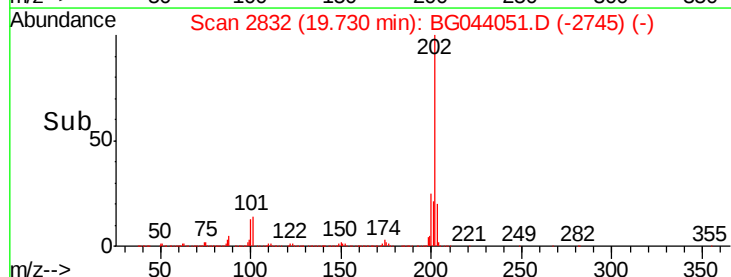
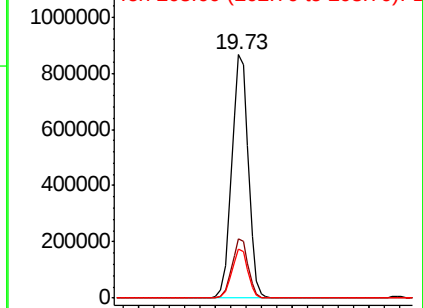


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.279 ng

RT: 19.94 min Scan# 2867

Delta R.T. -0.02 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

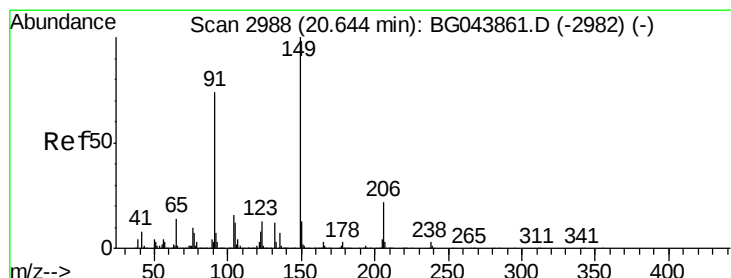
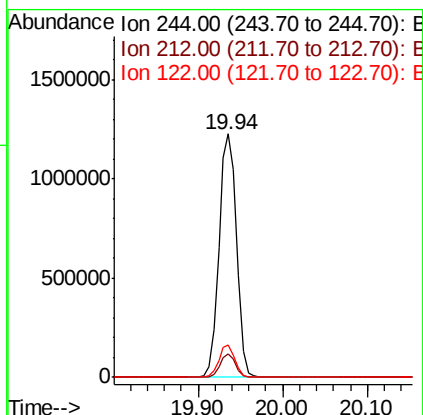
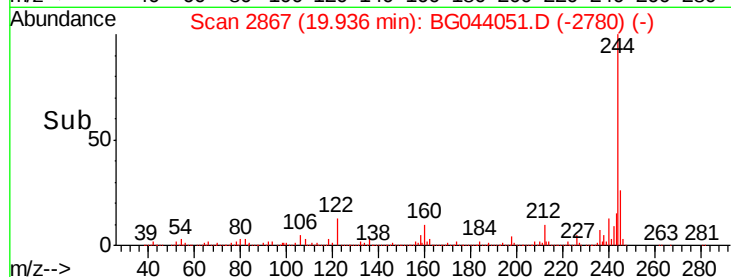
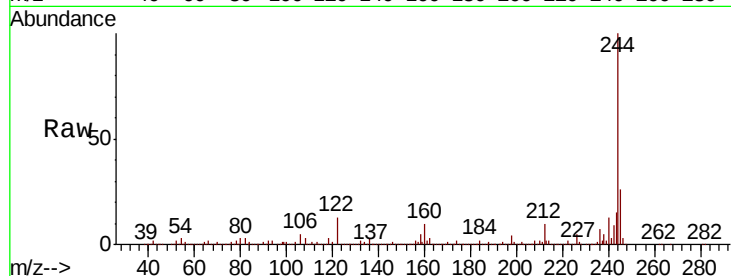
Tot Ion:244 Resp: 1773429

Ion Ratio Lower Upper

244 100

212 9.7 8.6 13.0

122 13.3 11.9 17.9



#80

Butylbenzylphthalate

Concen: 40.713 ng

RT: 20.62 min Scan# 2984

Delta R.T. -0.02 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

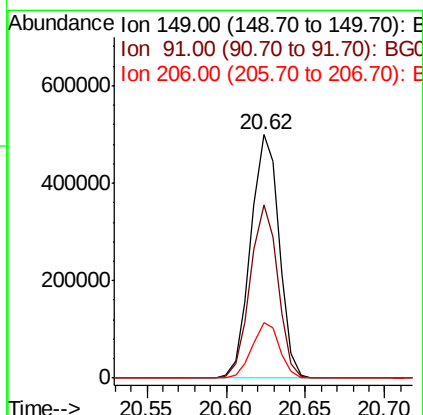
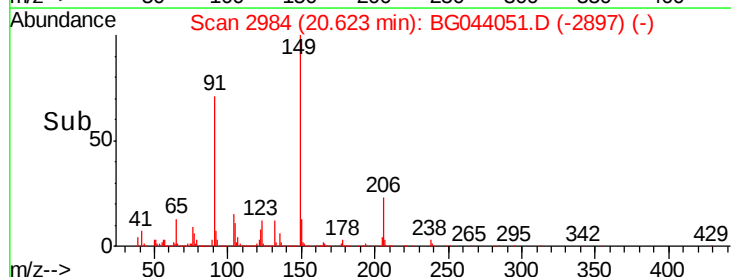
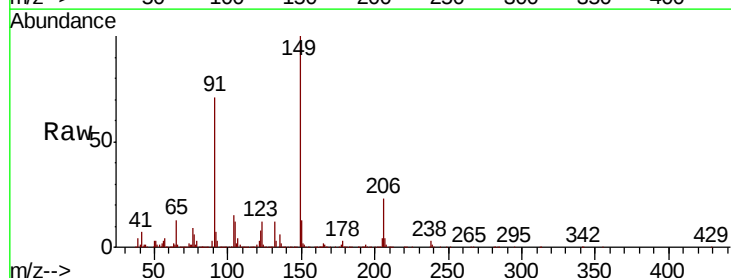
Tgt Ion:149 Resp: 624218

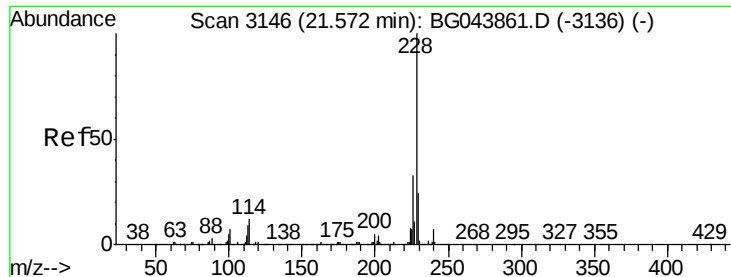
Ion Ratio Lower Upper

149 100

91 71.4 59.5 89.3

206 22.6 17.8 26.6

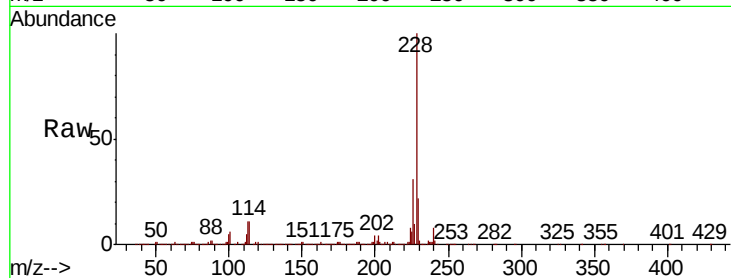




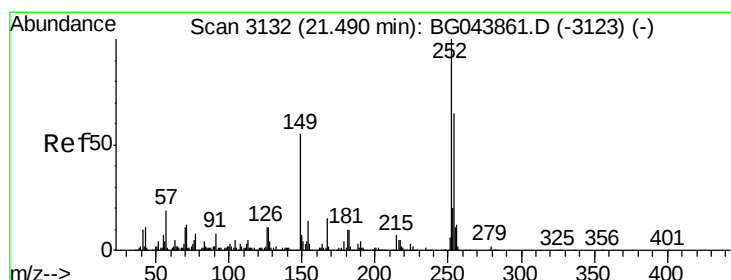
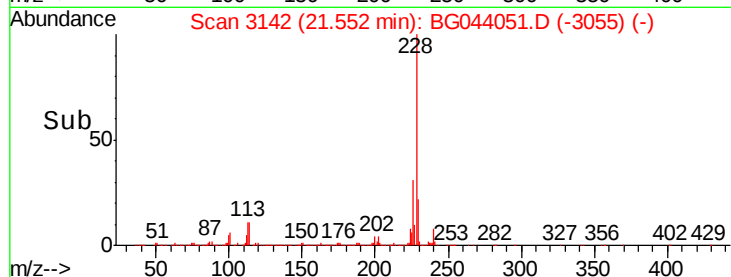
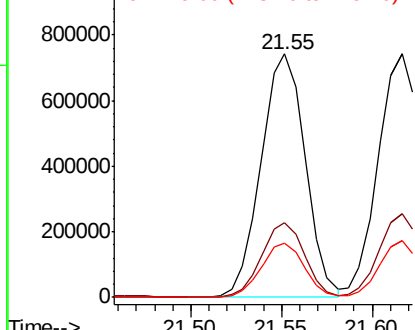
#81
Benzo(a)anthracene
Concen: 41.128 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1258212
Ion Ratio Lower Upper
228 100
226 30.9 26.2 39.4
229 22.3 18.9 28.3

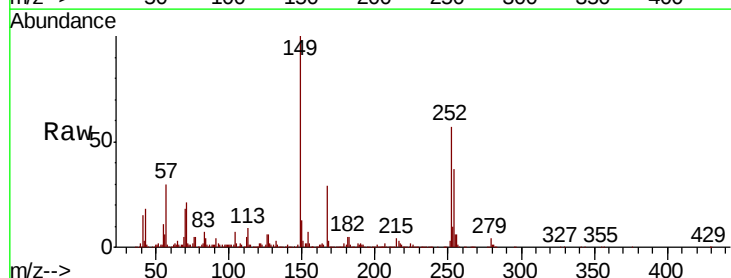


Abundance Ion 228.00 (227.70 to 228.70): E
1000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

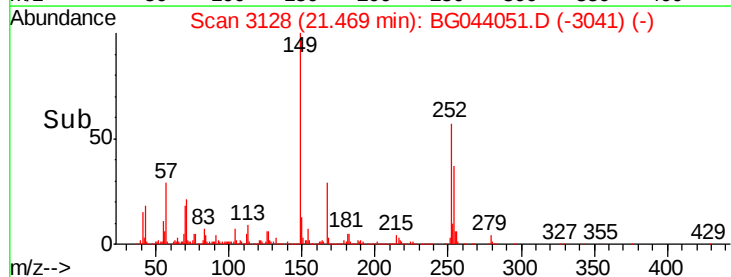
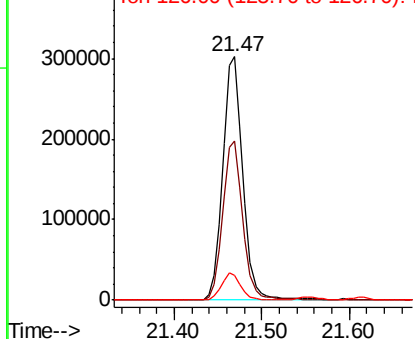


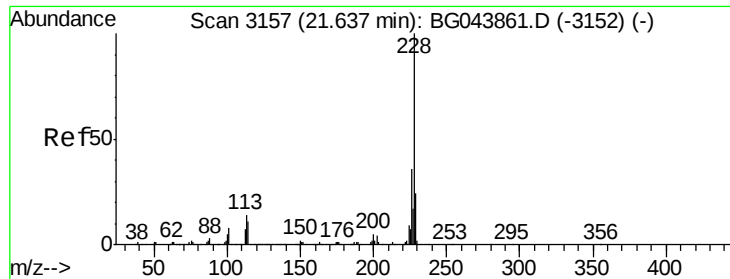
#82
3,3'-Dichlorobenzidine
Concen: 39.681 ng
RT: 21.47 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Tgt Ion:252 Resp: 479591
Ion Ratio Lower Upper
252 100
254 65.4 52.1 78.1
126 10.2 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
400000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.645 ng

RT: 21.62 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

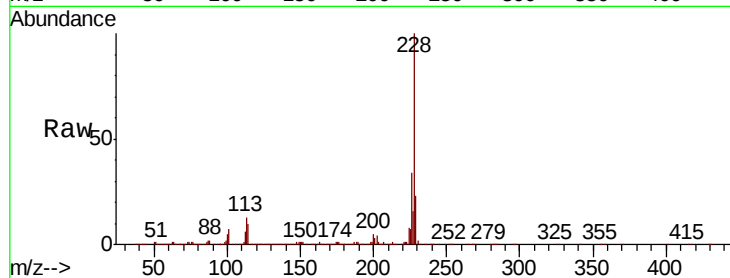
Tot Ion:228 Resp: 1210562

Ion Ratio Lower Upper

228 100

226 34.4 28.8 43.2

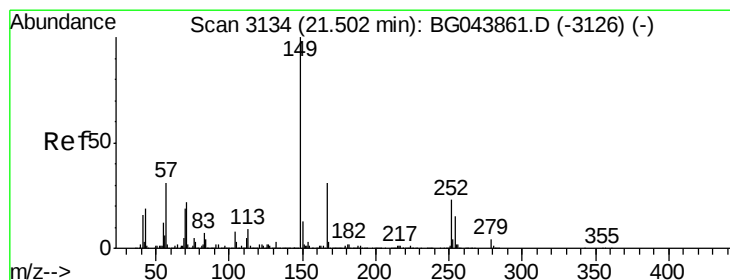
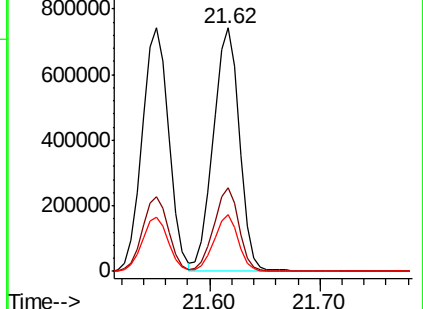
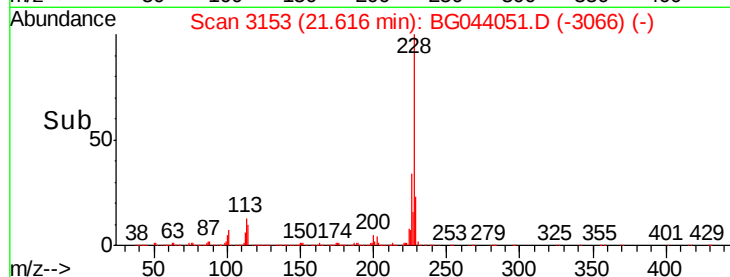
229 23.2 19.0 28.6



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: 40.838 ng

RT: 21.48 min Scan# 3129

Delta R.T. -0.03 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

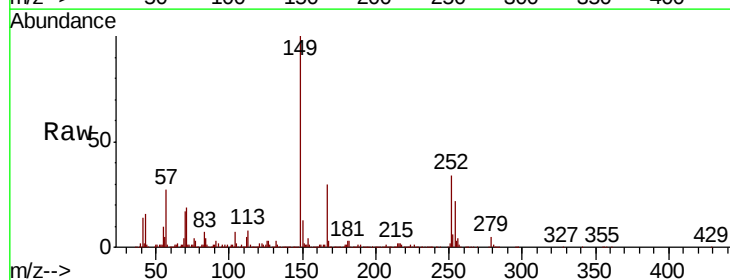
Tgt Ion:149 Resp: 863939

Ion Ratio Lower Upper

149 100

167 29.6 24.7 37.1

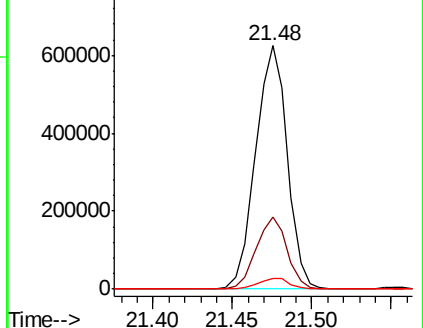
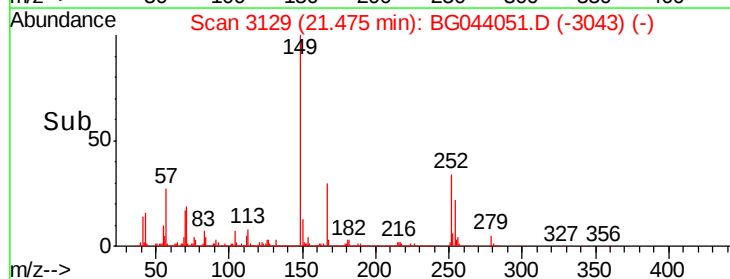
279 4.6 3.3 4.9



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: 41.362 ng

RT: 22.65 min Scan# 3329

Delta R.T. -0.04 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

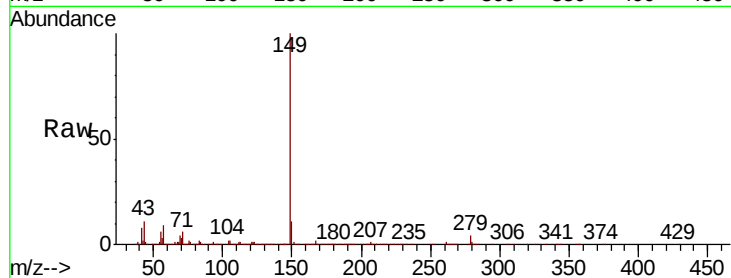
Tot Ion:149 Resp: 1471074

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

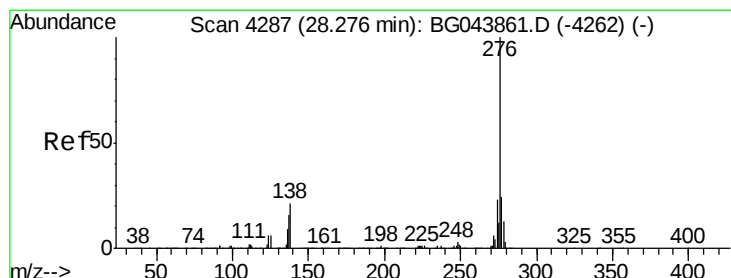
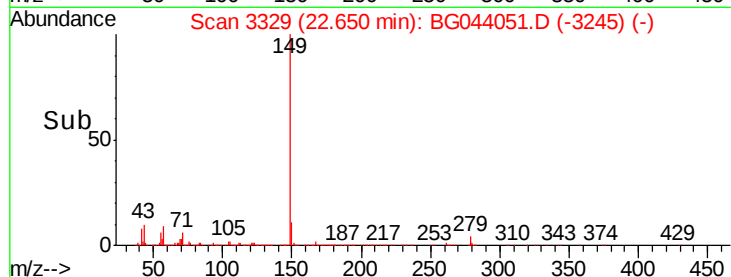
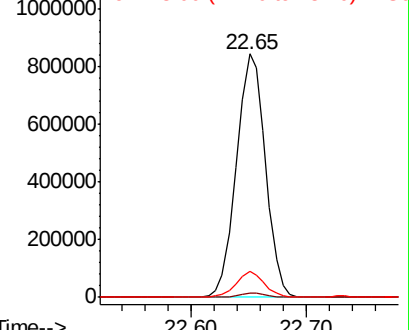
43 9.8 8.8 13.2



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: 38.702 ng

RT: 28.21 min Scan# 4276

Delta R.T. -0.06 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

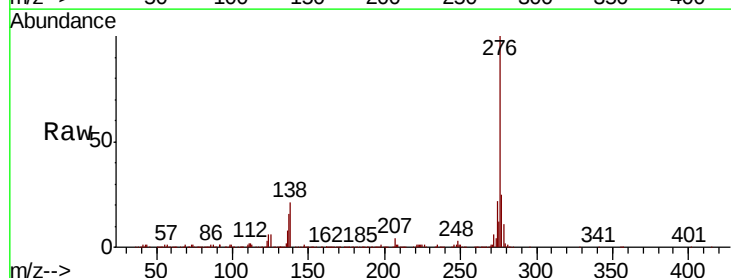
Tgt Ion:276 Resp: 1528890

Ion Ratio Lower Upper

276 100

138 25.9 21.0 31.4

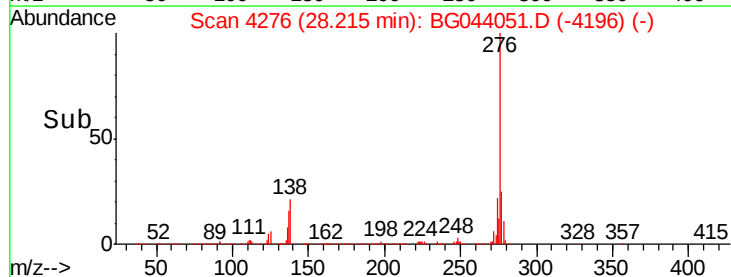
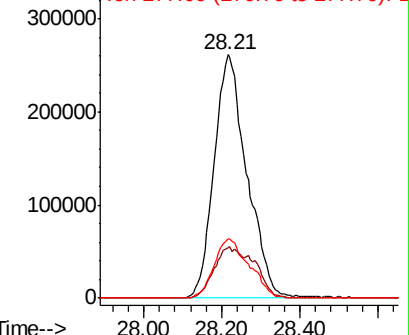
277 26.0 21.1 31.7

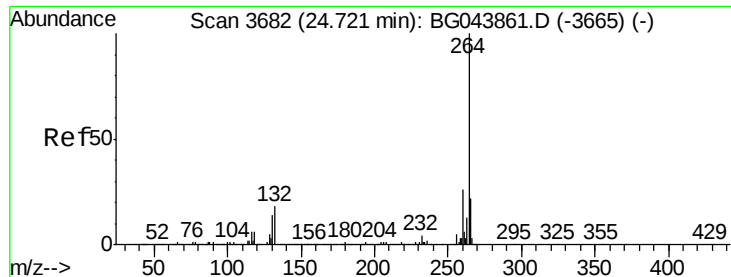


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.68 min Scan# 3675

Delta R.T. -0.04 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

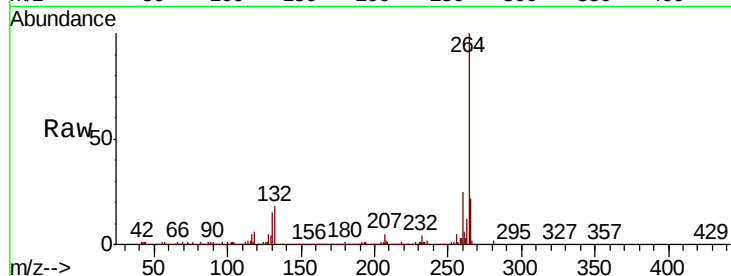
Tot Ion:264 Resp: 557559

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

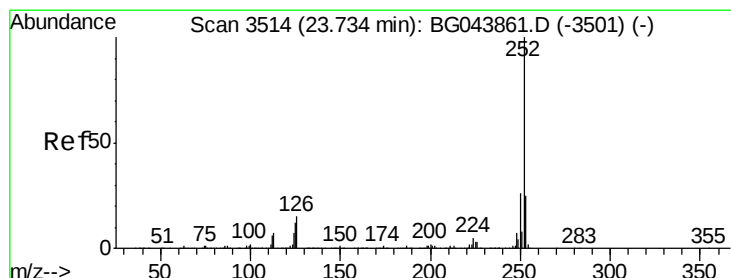
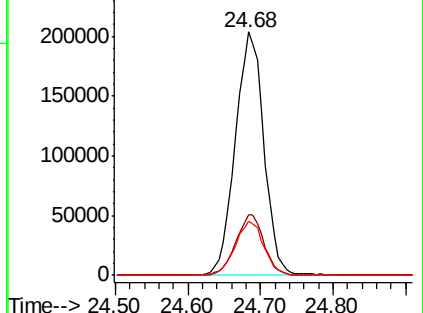
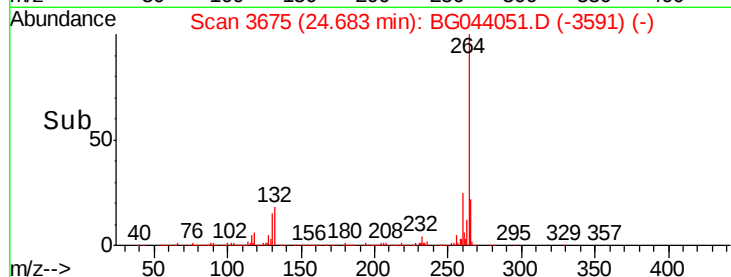
265 22.3 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.392 ng

RT: 23.70 min Scan# 3508

Delta R.T. -0.03 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

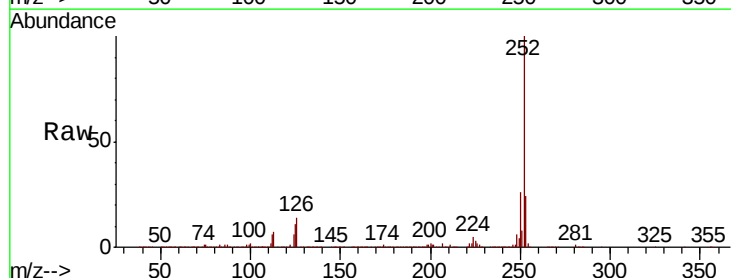
Tgt Ion:252 Resp: 1298411

Ion Ratio Lower Upper

252 100

253 23.9 19.7 29.5

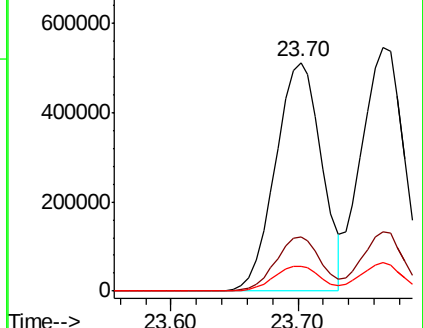
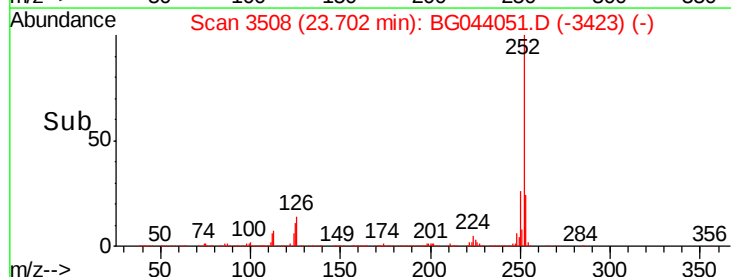
125 11.0 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.269 ng

RT: 23.77 min Scan# 3519

Delta R.T. -0.03 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

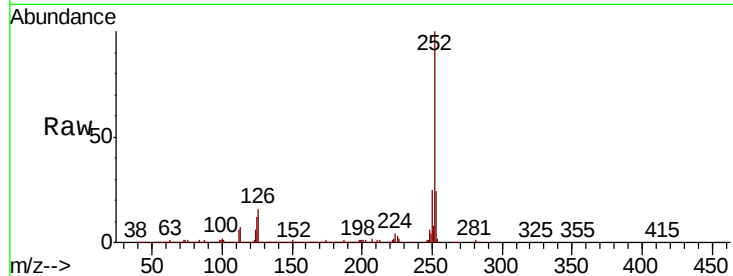
Tot Ion:252 Resp: 1293537

Ion Ratio Lower Upper

252 100

253 24.2 19.4 29.2

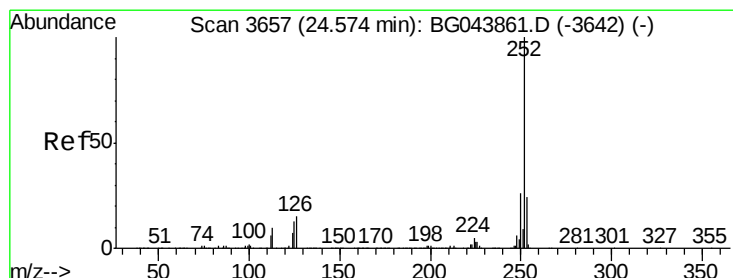
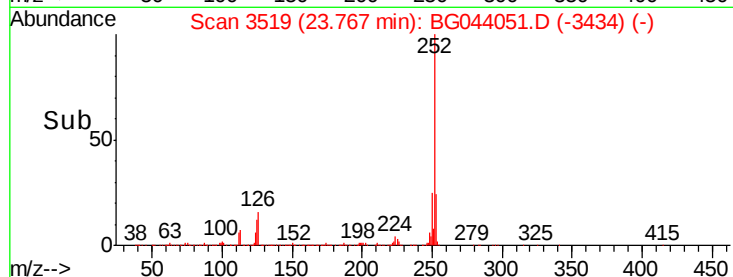
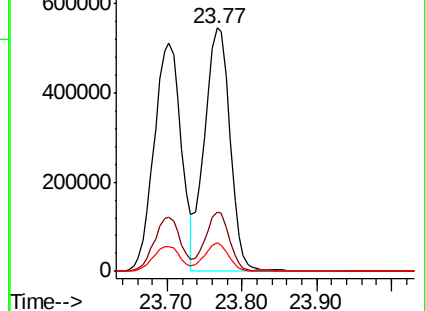
125 11.7 9.9 14.9



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: 39.913 ng

RT: 24.54 min Scan# 3651

Delta R.T. -0.03 min

Lab File: BG044051.D

Acq: 15 Jan 2020 15:52

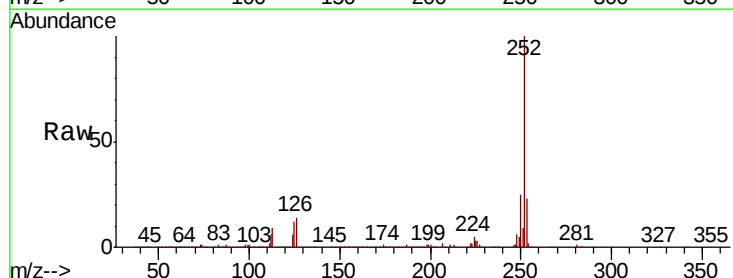
Tgt Ion:252 Resp: 1241696

Ion Ratio Lower Upper

252 100

253 22.9 19.3 28.9

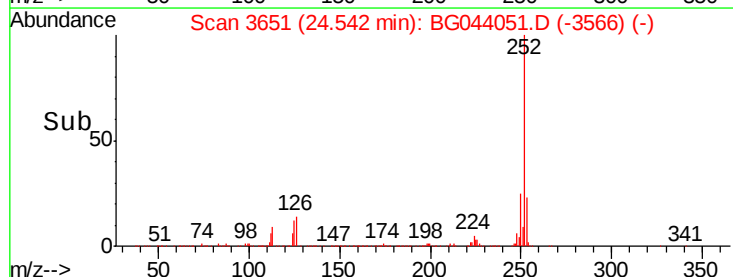
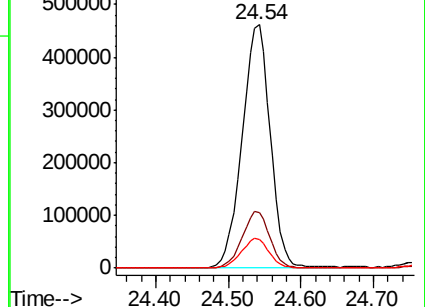
125 11.6 10.4 15.6

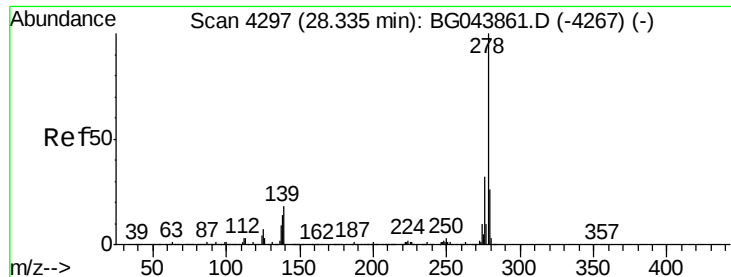


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

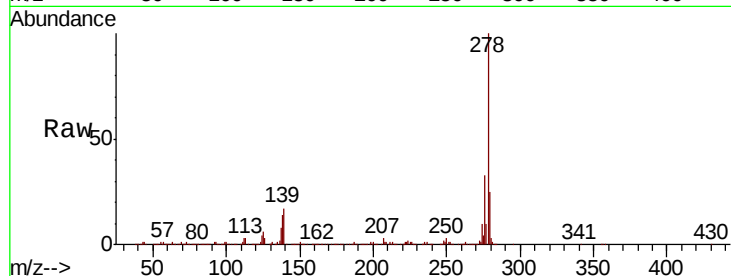




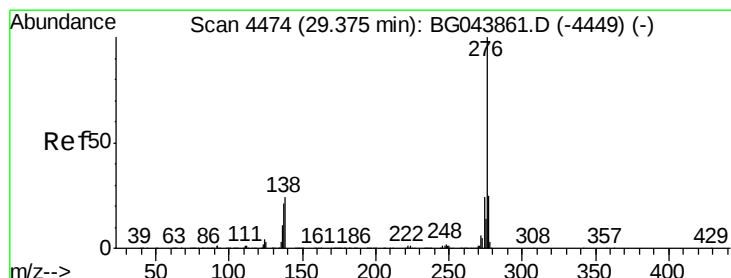
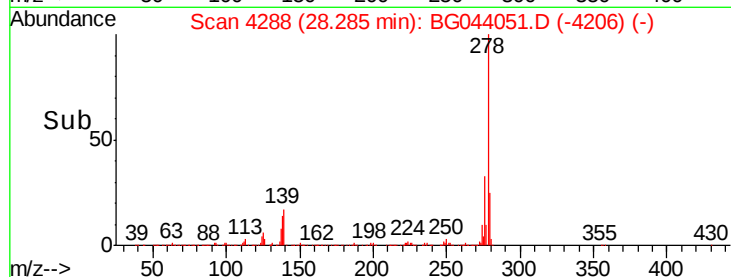
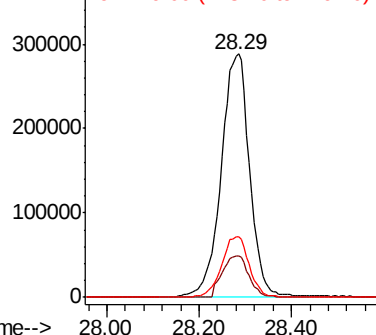
#91
Dibenzo(a,h)anthracene
Concen: 39.547 ng
RT: 28.29 min Scan# 4288
Delta R.T. -0.05 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1235598
Ion Ratio Lower Upper
278 100
139 16.9 14.2 21.4
279 24.8 20.6 30.8

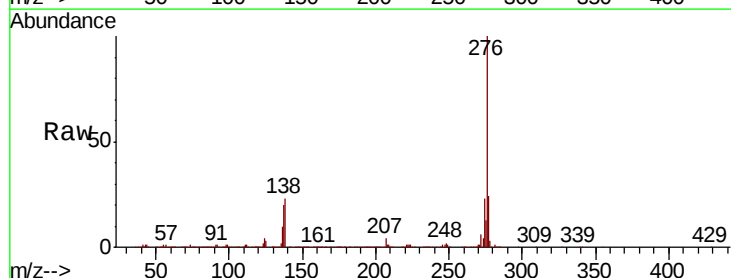


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.319 ng
RT: 29.32 min Scan# 4465
Delta R.T. -0.05 min
Lab File: BG044051.D
Acq: 15 Jan 2020 15:52

Tgt Ion:276 Resp: 1220261
Ion Ratio Lower Upper
276 100
277 24.0 20.2 30.4
138 23.0 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

