

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044369.D
 Acq On : 11 Feb 2020 00:35
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 11 02:53:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	88221	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	398631	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	275344	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	609909	20.00	ng	0.00
76) Chrysene-d12	21.54	240	522341	20.00	ng	0.00
87) Perylene-d12	24.62	264	607195	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	407388	81.50	ng	0.00
7) Phenol-d6	7.08	99	579851	86.38	ng	0.00
23) Nitrobenzene-d5	9.06	82	558225	79.06	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	272857	84.41	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1295106	78.76	ng	0.00
79) Terphenyl-d14	19.90	244	1891507	74.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	83988	37.396	ng	100
3) Pyridine	3.76	79	255308	42.667	ng	99
4) n-Nitrosodimethylamine	3.68	42	102407	40.956	ng	97
6) Aniline	7.23	93	359657	43.165	ng	99
8) 2-Chlorophenol	7.47	128	228691	41.627	ng	100
9) Benzaldehyde	7.04	77	155436	40.657	ng	98
10) Phenol	7.10	94	289741	43.614	ng	98
11) bis(2-Chloroethyl)ether	7.32	93	235637	41.489	ng	97
12) 1,3-Dichlorobenzene	7.79	146	263839	40.223	ng	99
13) 1,4-Dichlorobenzene	7.94	146	265298	40.836	ng	99
14) 1,2-Dichlorobenzene	8.26	146	255983	41.687	ng	100
15) Benzyl Alcohol	8.14	79	210588	44.312	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.43	45	329003	42.799	ng	99
17) 2-Methylphenol	8.35	107	203420	42.917	ng	98
18) Hexachloroethane	8.99	117	98184	40.274	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	199343	44.559	ng	99
20) 3+4-Methylphenols	8.68	107	290972	44.544	ng	99
22) Acetophenone	8.72	105	384868	39.688	ng	# 98
24) Nitrobenzene	9.10	77	271208	39.344	ng	99
25) Isophorone	9.63	82	539624	41.003	ng	99
26) 2-Nitrophenol	9.82	139	148859	41.618	ng	98
27) 2,4-Dimethylphenol	9.88	122	204552	40.513	ng	99
28) bis(2-Chloroethoxy)methane	10.11	93	351100	39.992	ng	98
29) 2,4-Dichlorophenol	10.36	162	249117	40.805	ng	99
30) 1,2,4-Trichlorobenzene	10.57	180	275065	39.293	ng	99
31) Naphthalene	10.76	128	776556	40.152	ng	99
32) Benzoic acid	10.05	122	100492	35.467	ng	97
33) 4-Chloroaniline	10.86	127	364395	41.427	ng	99
34) Hexachlorobutadiene	11.05	225	165811	38.493	ng	99
35) Caprolactam	11.64	113	99710	44.585	ng	99
36) 4-Chloro-3-methylphenol	12.00	107	270280	42.225	ng	96
37) 2-Methylnaphthalene	12.37	142	593071	41.301	ng	100
38) 1-Methylnaphthalene	12.58	142	563585	41.629	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	319868	38.836	ng	99

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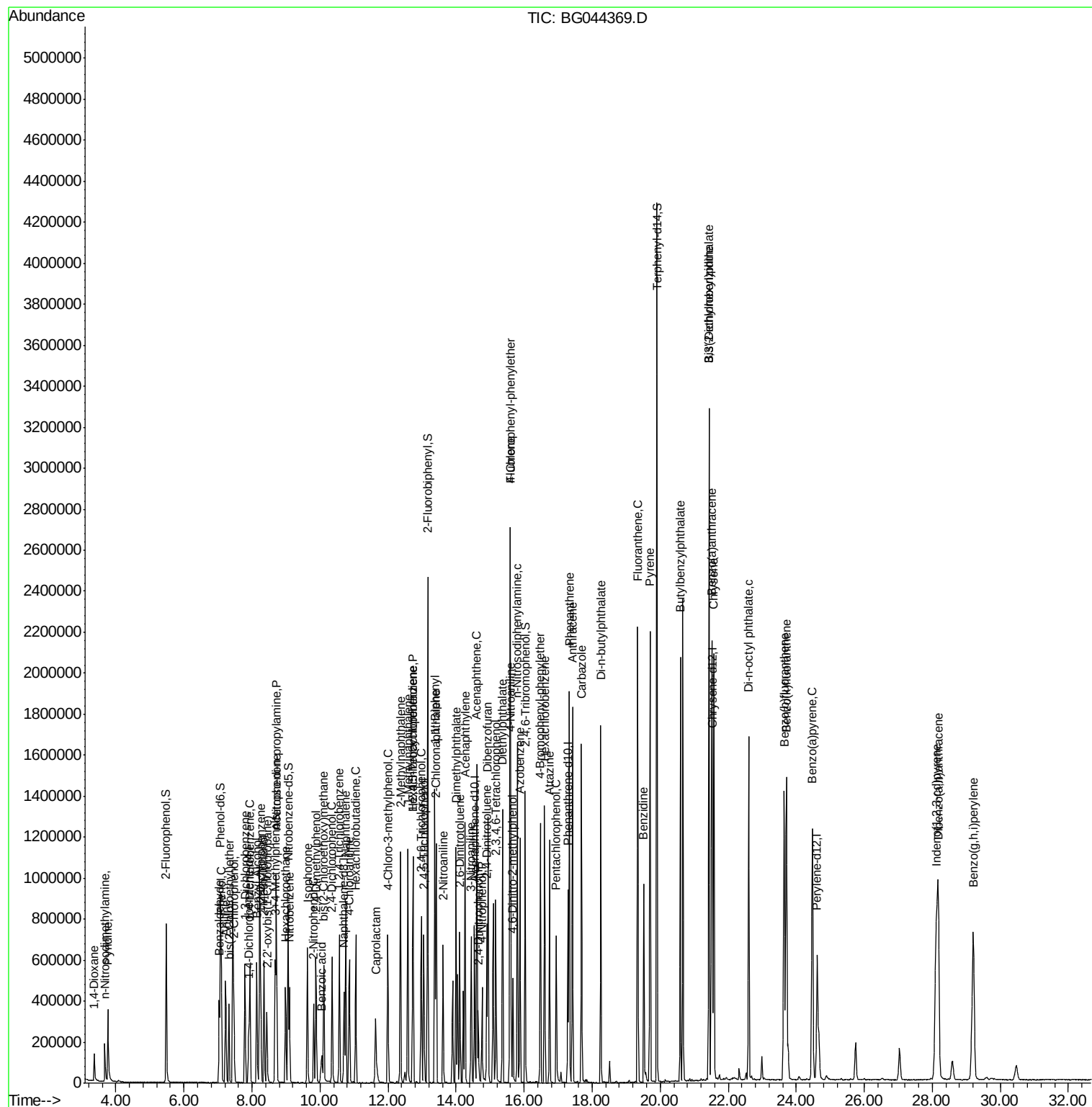
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	131531	33.281	ng	98
43) 2,4,6-Trichlorophenol	12.98	196	216318	40.632	ng	98
44) 2,4,5-Trichlorophenol	13.05	196	225177	41.410	ng	98
46) 1,1'-Biphenyl	13.38	154	785231	39.537	ng	99
47) 2-Chloronaphthalene	13.42	162	621262	39.310	ng	99
48) 2-Nitroaniline	13.62	65	194154	41.627	ng	98
49) Acenaphthylene	14.26	152	931595	40.189	ng	100
50) Dimethylphthalate	14.00	163	807477	40.797	ng	100
51) 2,6-Dinitrotoluene	14.12	165	180053	40.800	ng	99
52) Acenaphthene	14.61	154	602701	40.113	ng	99
53) 3-Nitroaniline	14.45	138	204512	41.888	ng	98
54) 2,4-Dinitrophenol	14.65	184	93725	40.051	ng	98
55) Dibenzofuran	14.94	168	918132	40.360	ng	99
56) 4-Nitrophenol	14.76	139	151221	42.283	ng	99
57) 2,4-Dinitrotoluene	14.90	165	257571	41.643	ng	98
58) Fluorene	15.59	166	732445	40.879	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	205609	41.861	ng	98
60) Diethylphthalate	15.37	149	815773	41.364	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	395740	40.735	ng	100
62) 4-Nitroaniline	15.61	138	207202	42.471	ng	99
63) Azobenzene	15.88	77	708171	40.971	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	137816	40.935	ng	99
66) n-Nitrosodiphenylamine	15.80	169	685969	40.133	ng	98
67) 4-Bromophenyl-phenylether	16.48	248	265474	39.952	ng	99
68) Hexachlorobenzene	16.60	284	296542	39.834	ng	99
69) Atrazine	16.75	200	229659	39.201	ng	98
70) Pentachlorophenol	16.94	266	147628	40.817	ng	97
71) Phenanthrene	17.33	178	1181022	39.989	ng	99
72) Anthracene	17.42	178	1171420	40.118	ng	99
73) Carbazole	17.69	167	1079129	40.089	ng	99
74) Di-n-butylphthalate	18.25	149	1347608	40.512	ng	99
75) Fluoranthene	19.34	202	1362823	39.889	ng	99
77) Benzidine	19.52	184	630927	43.547	ng	100
78) Pyrene	19.70	202	1353538	40.350	ng	100
80) Butylbenzylphthalate	20.59	149	616714	40.343	ng	97
81) Benzo(a)anthracene	21.51	228	1313413	40.799	ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	525522	42.061	ng	100
83) Chrysene	21.58	228	1266479	40.701	ng	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	843436	40.085	ng	99
85) Di-n-octyl phthalate	22.60	149	1487222	40.851	ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1637842	40.344	ng	100
88) Benzo(b)fluoranthene	23.65	252	1407791	40.236	ng	100
89) Benzo(k)fluoranthene	23.71	252	1369384	40.156	ng	100
90) Benzo(a)pyrene	24.47	252	1339815	40.501	ng	99
91) Dibenzo(a,h)anthracene	28.18	278	1325198	40.477	ng	99
92) Benzo(g,h,i)perylene	29.20	276	1330622	40.599	ng	98

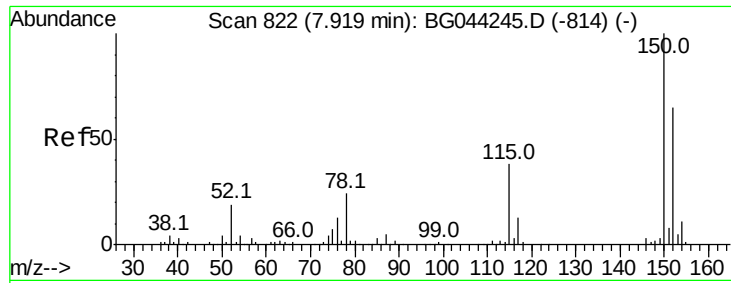
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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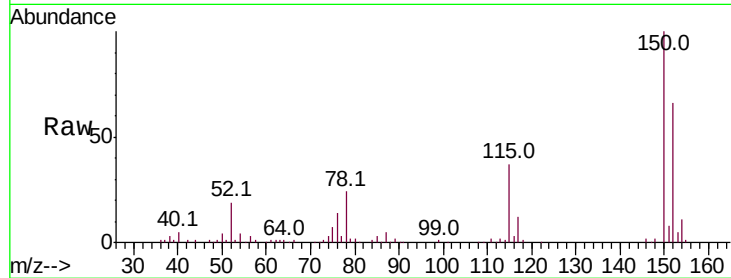


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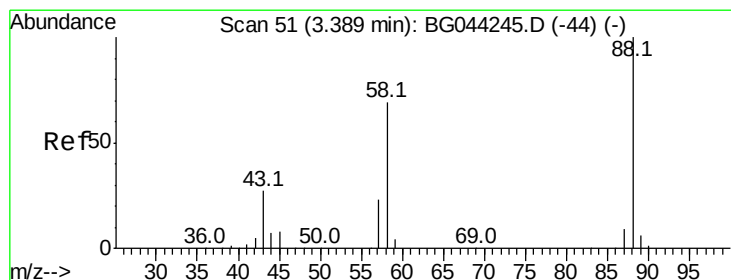
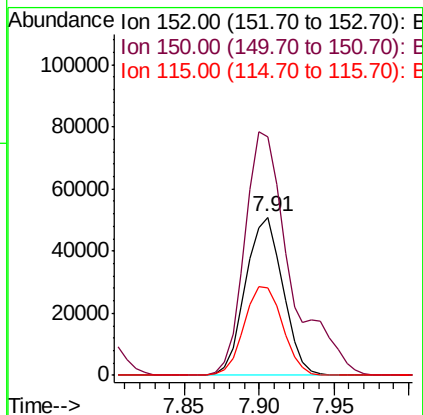
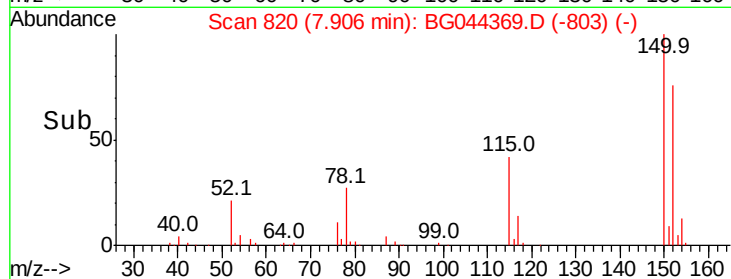
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BG044369.D
 Acq: 11 Feb 2020 00:35

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 88221
 Ion Ratio Lower Upper
 152 100
 150 150.8 122.6 183.8
 115 55.6 46.0 69.0



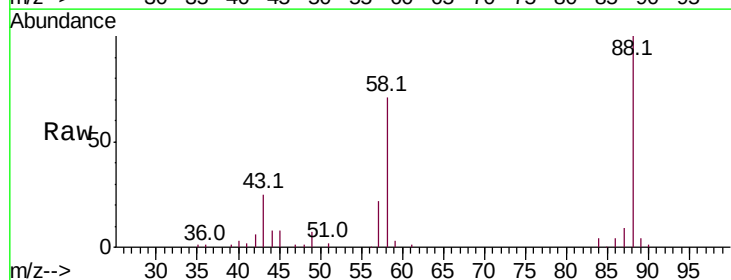
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



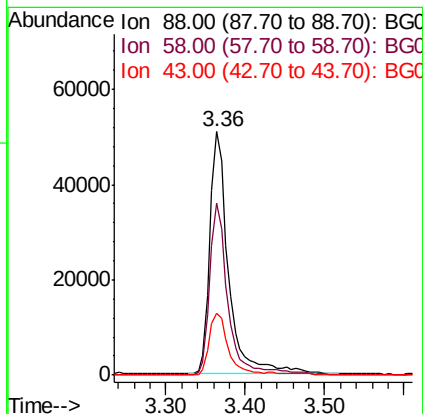
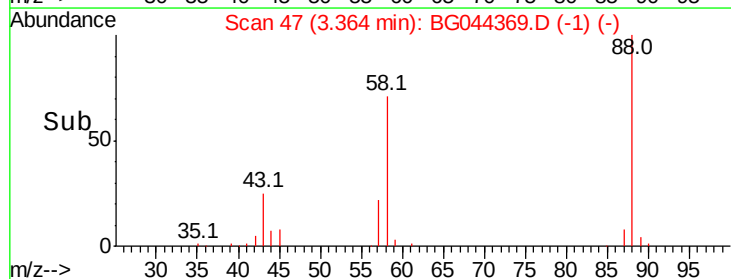
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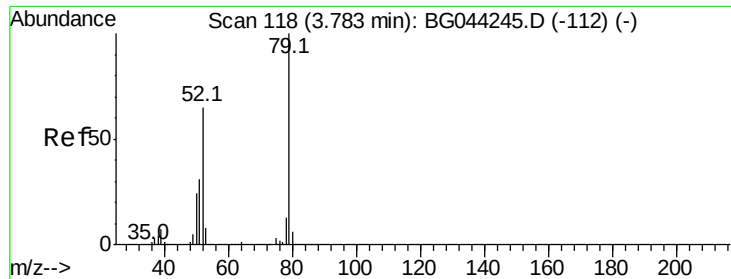
1,4-Dioxane
 Concen: 37.396 ng
 RT: 3.36 min Scan# 47
 Delta R.T. 0.00 min
 Lab File: BG044369.D
 Acq: 11 Feb 2020 00:35

Tgt Ion: 88 Resp: 83988
 Ion Ratio Lower Upper
 88 100
 58 69.7 55.8 83.6
 43 26.6 21.6 32.4



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: 42.667 ng

RT: 3.76 min Scan# 115

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

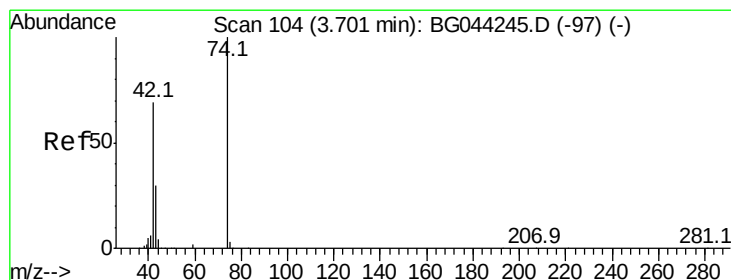
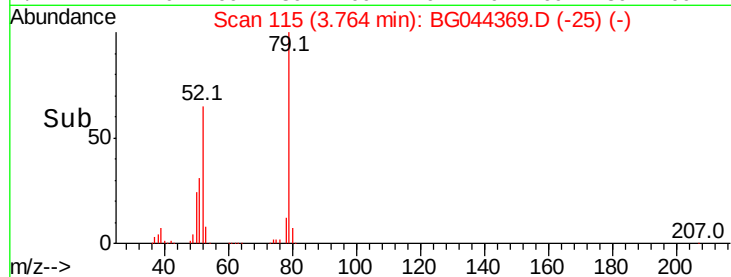
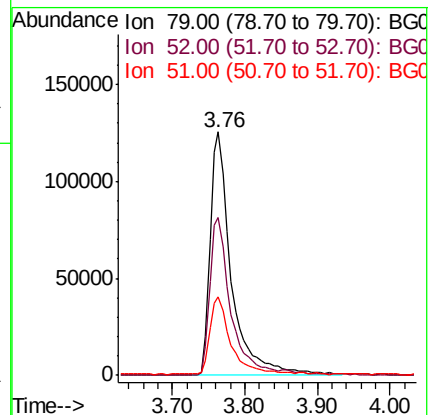
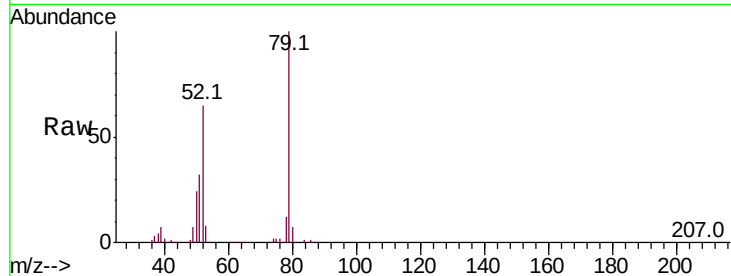
Tot Ion: 79 Resp: 255308

Ion Ratio Lower Upper

79 100

52 65.1 51.9 77.9

51 32.3 25.3 37.9



#4

n-Nitrosodimethylamine

Concen: 40.956 ng

RT: 3.68 min Scan# 100

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

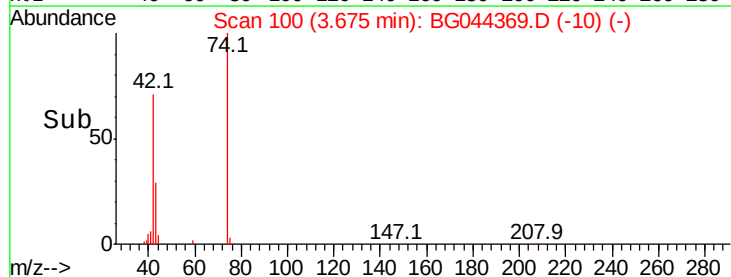
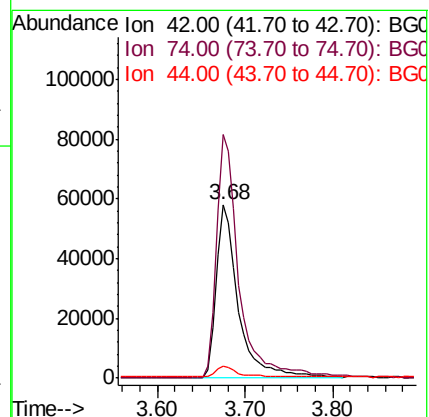
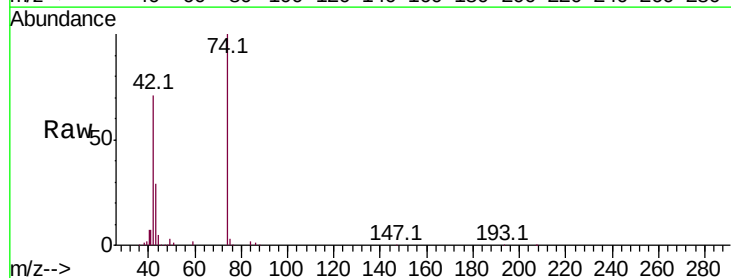
Tgt Ion: 42 Resp: 102407

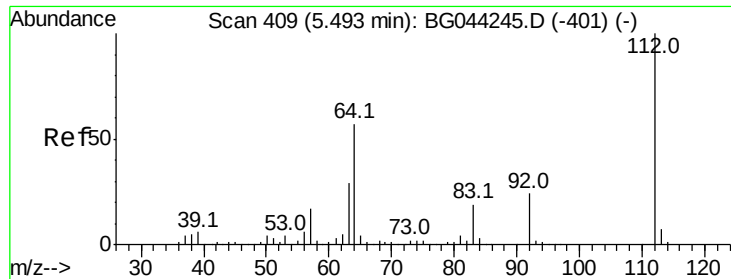
Ion Ratio Lower Upper

42 100

74 140.4 115.1 172.7

44 6.6 5.6 8.4





#5

2-Fluorophenol

Concen: 81.497 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044369.D

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Instrument :

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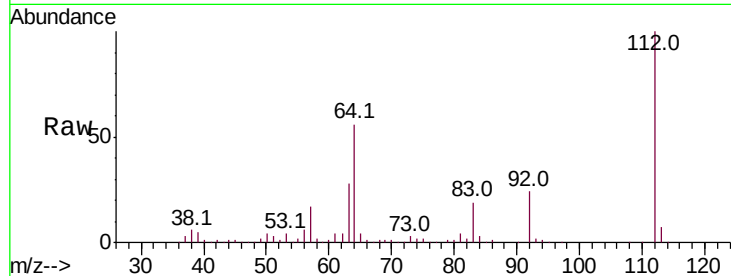
Tot Ion:112 Resp: 407388

Ion Ratio Lower Upper

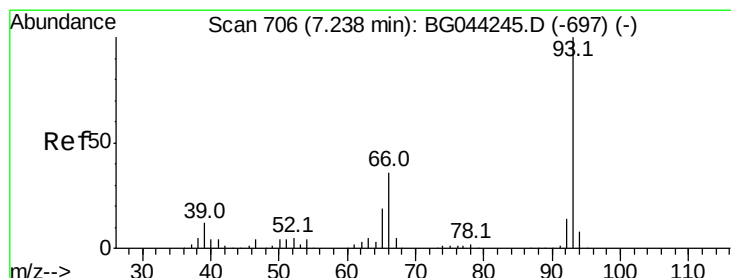
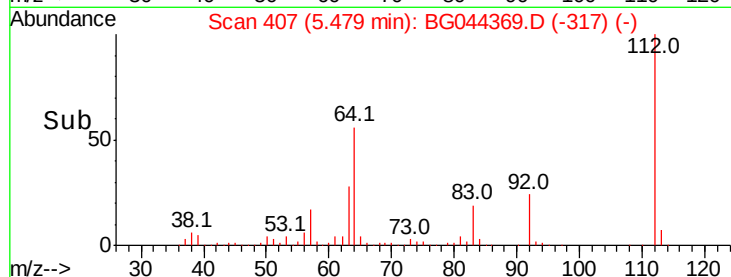
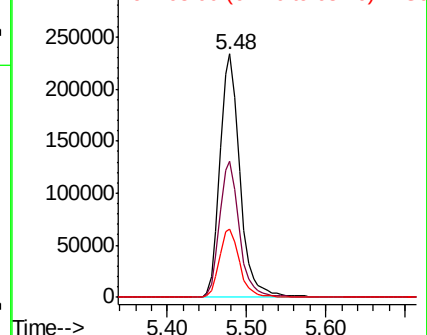
112 100

64 56.0 45.4 68.2

63 28.1 22.9 34.3



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: 43.165 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

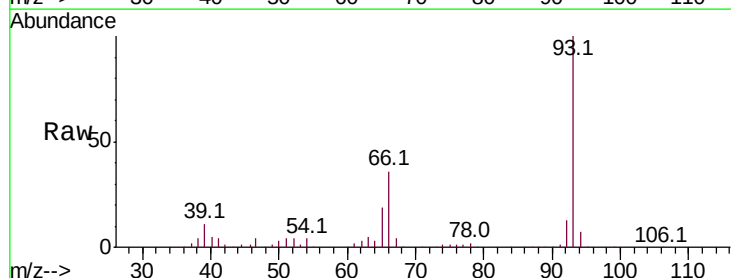
Tgt Ion: 93 Resp: 359657

Ion Ratio Lower Upper

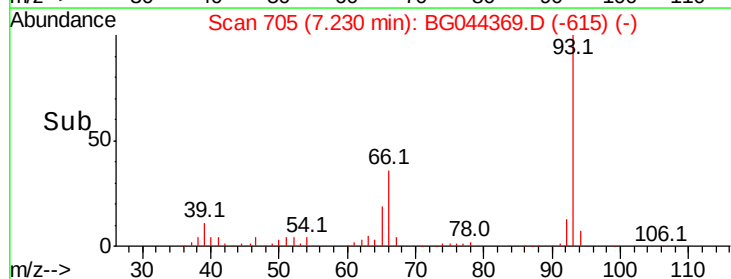
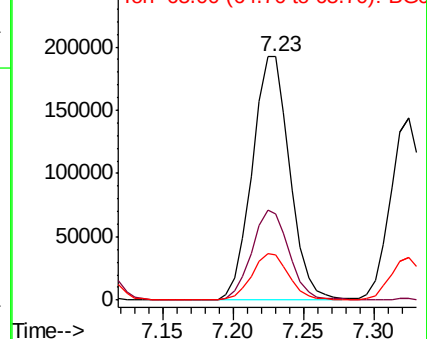
93 100

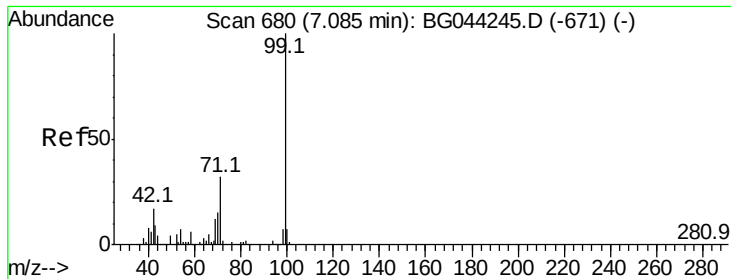
66 35.7 28.7 43.1

65 18.8 15.4 23.0



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: 86.382 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

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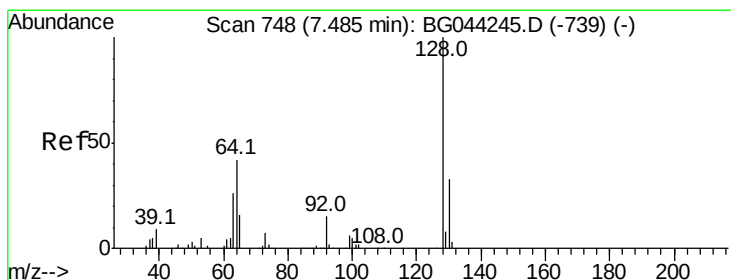
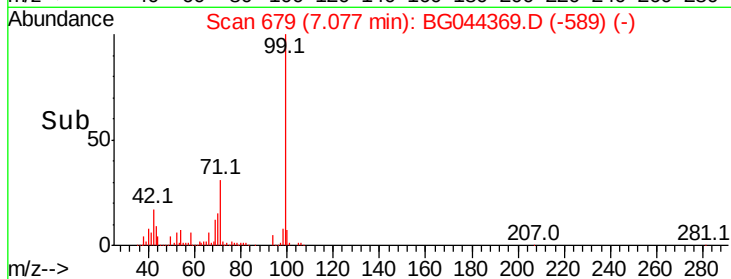
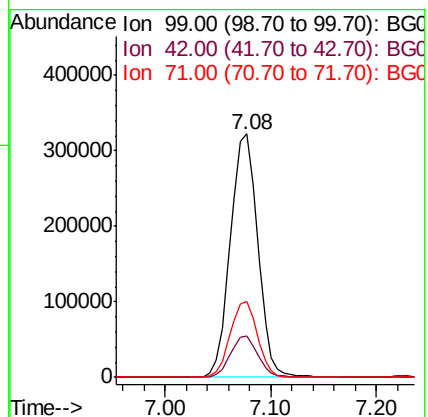
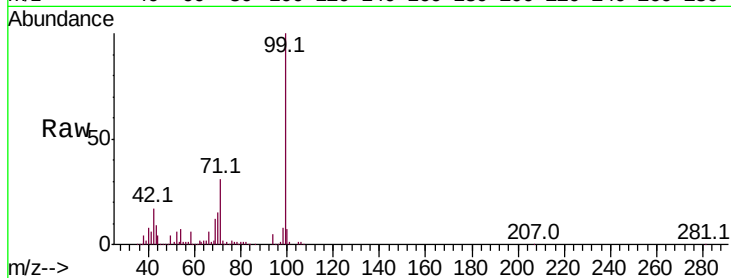
Tot Ion: 99 Resp: 579851

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.6

71 31.3 25.5 38.3



#8

2-Chlorophenol

Concen: 41.627 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.00 min

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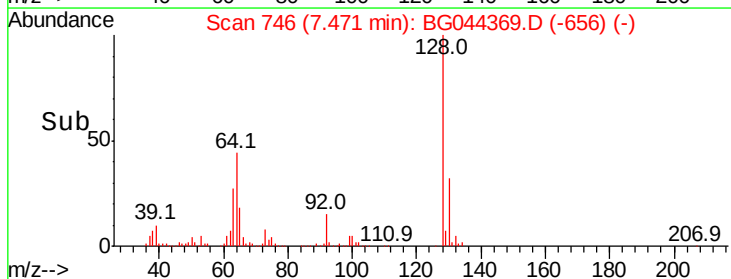
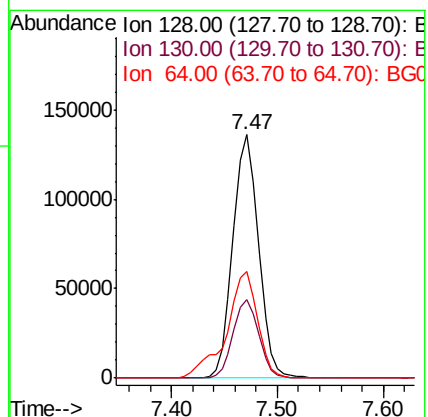
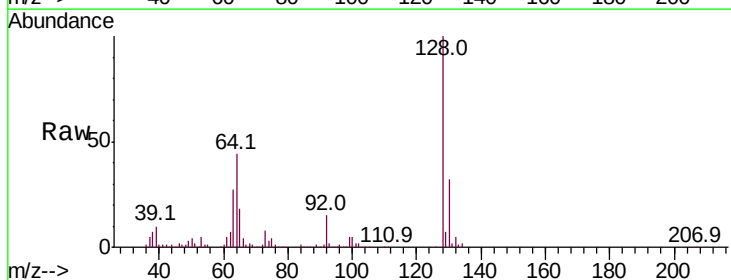
Tgt Ion: 128 Resp: 228691

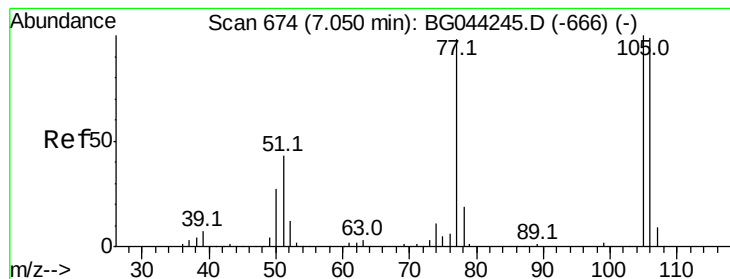
Ion Ratio Lower Upper

128 100

130 32.5 12.5 52.5

64 43.7 24.2 64.2





#9

Benzaldehyde

Concen: 40.657 ng

RT: 7.04 min Scan# 672

Delta R.T. 0.00 min

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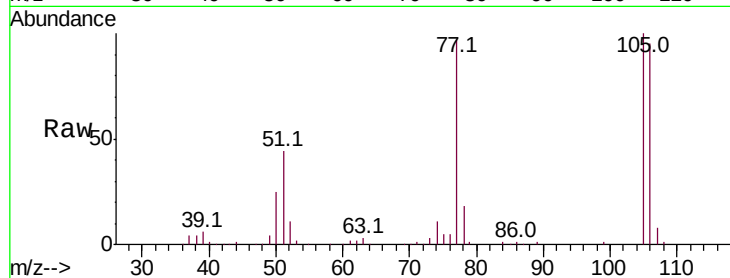
Tot Ion: 77 Resp: 155436

Ion Ratio Lower Upper

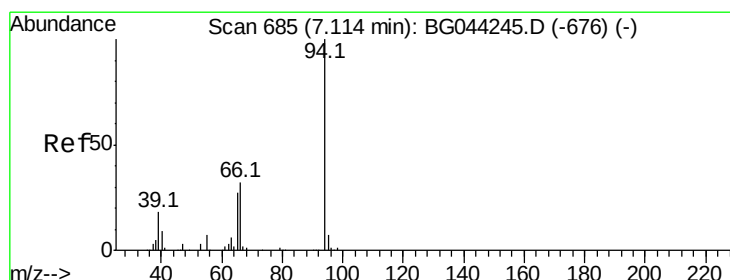
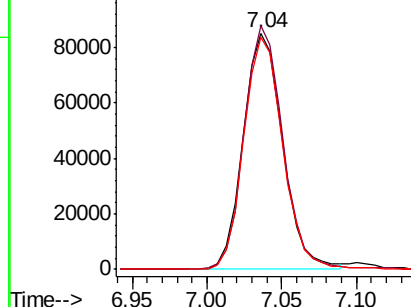
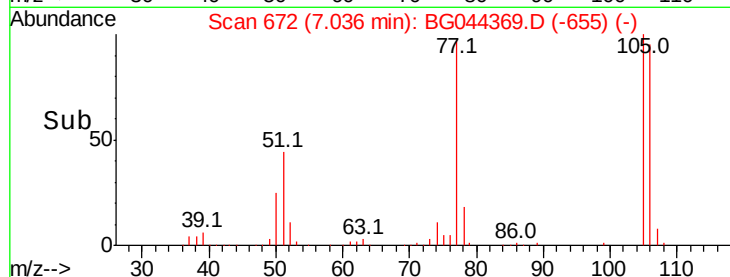
77 100

105 103.2 82.0 122.0

106 98.2 80.7 120.7



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: 43.614 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

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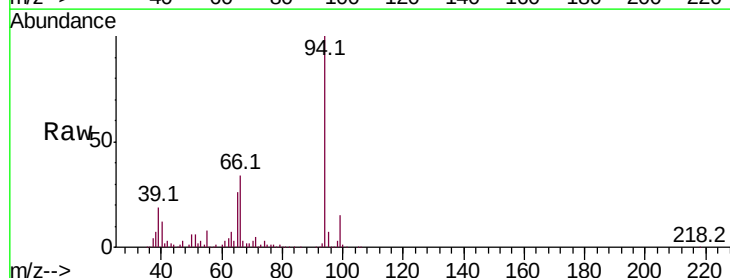
Tgt Ion: 94 Resp: 289741

Ion Ratio Lower Upper

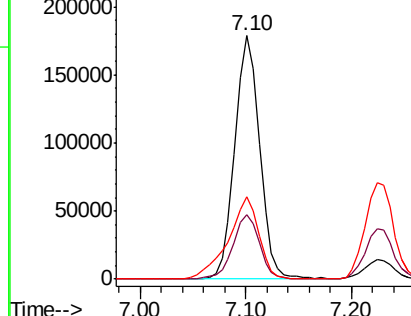
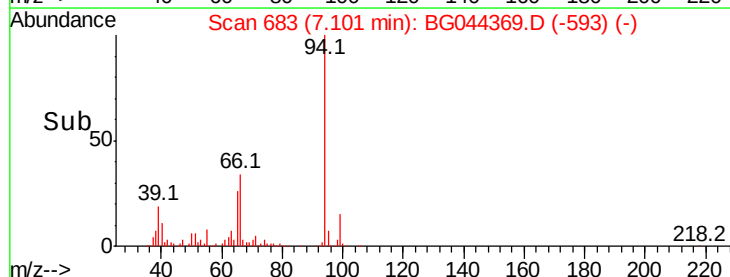
94 100

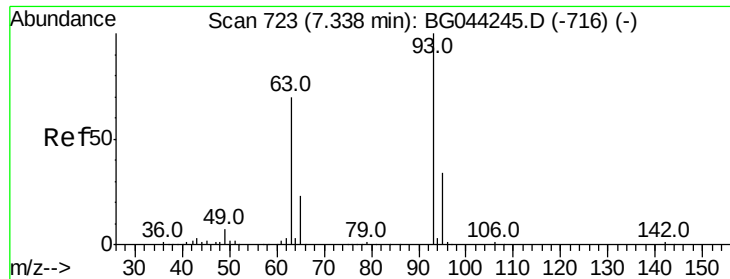
65 26.4 7.0 47.0

66 33.9 12.7 52.7



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

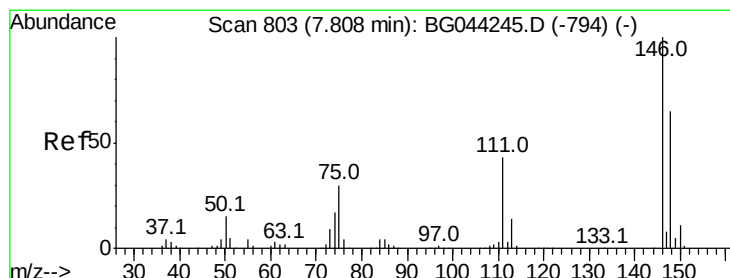
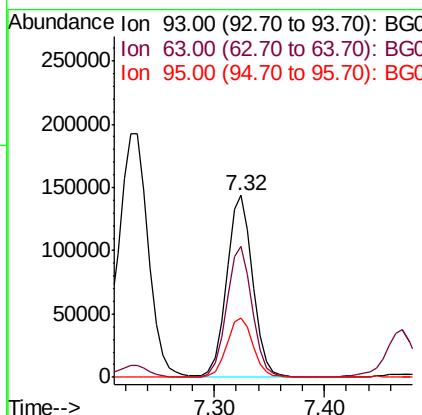
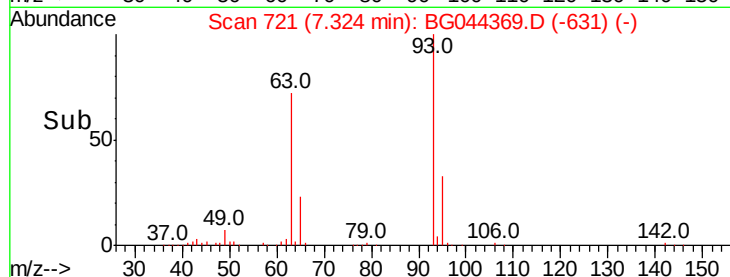
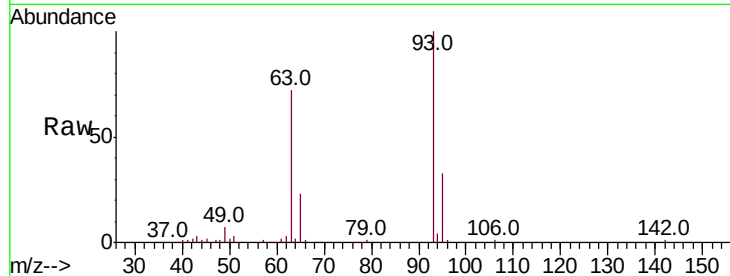




#11
bis(2-Chloroethyl)ether
Concen: 41.489 ng
RT: 7.32 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

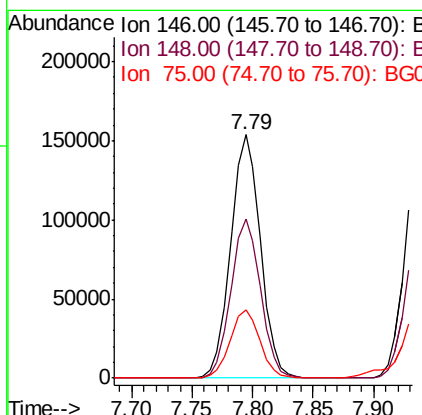
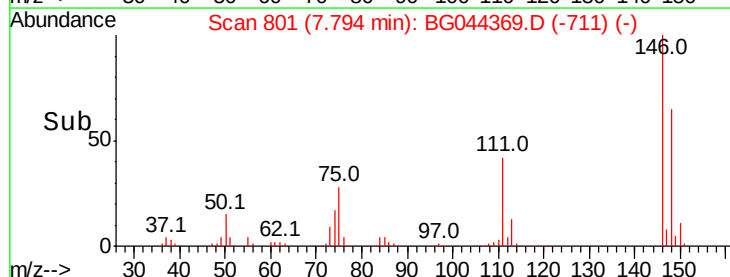
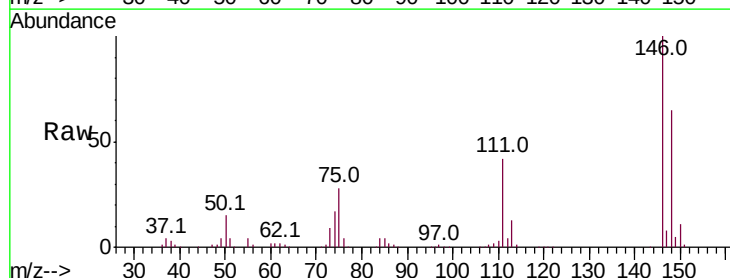
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

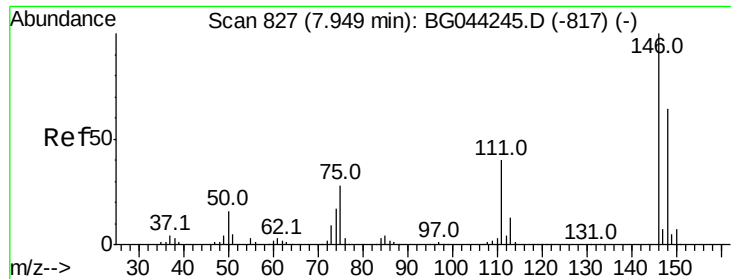
Tot Ion: 93 Resp: 235637
Ion Ratio Lower Upper
93 100
63 72.2 49.2 89.2
95 32.5 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 40.223 ng
RT: 7.79 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Tgt Ion: 146 Resp: 263839
Ion Ratio Lower Upper
146 100
148 65.4 51.8 77.8
75 28.1 23.7 35.5

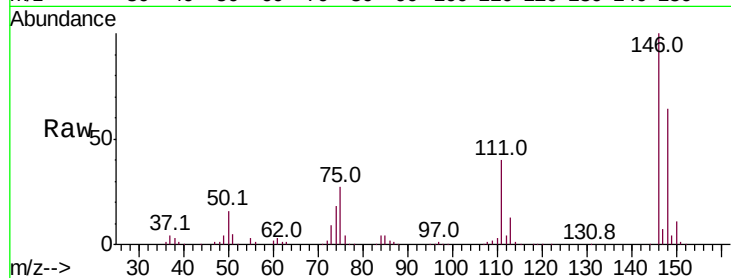




#13
 1,4-Dichlorobenzene
 Concen: 40.836 ng
 RT: 7.94 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BG044369.D
 Acq: 11 Feb 2020 00:35

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.0
111	40.3	31.8	47.8

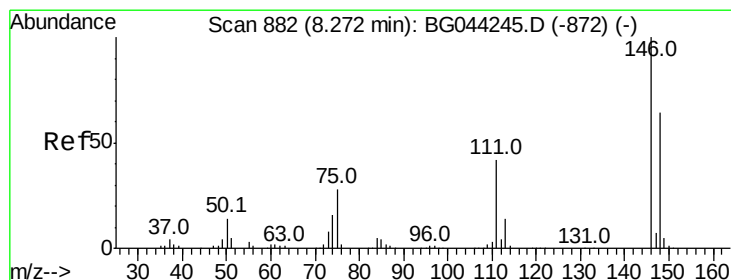
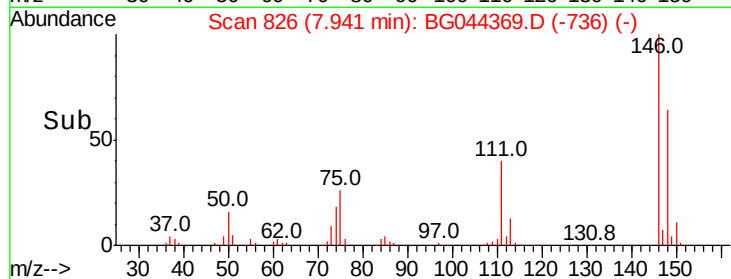
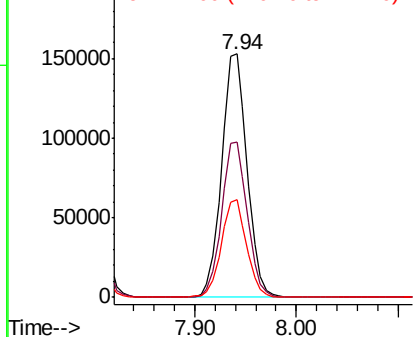


Abundance

Ion 146.00 (145.70 to 146.70): E

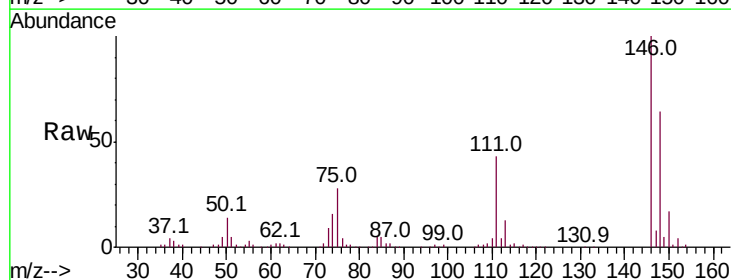
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.687 ng
 RT: 8.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BG044369.D
 Acq: 11 Feb 2020 00:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
111	42.5	34.0	51.0

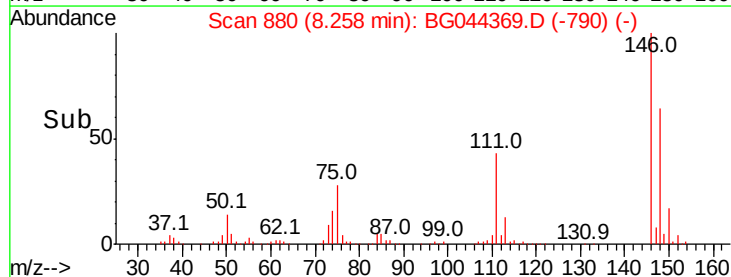
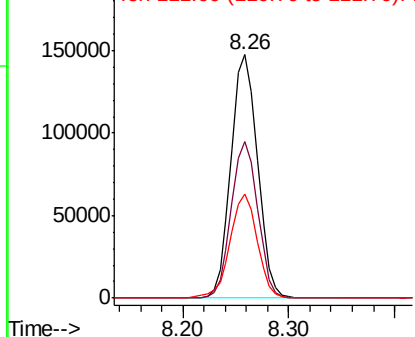


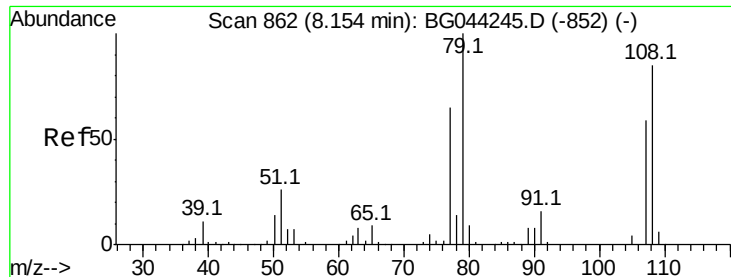
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.312 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

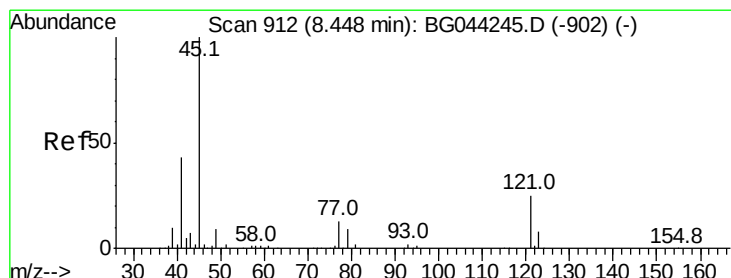
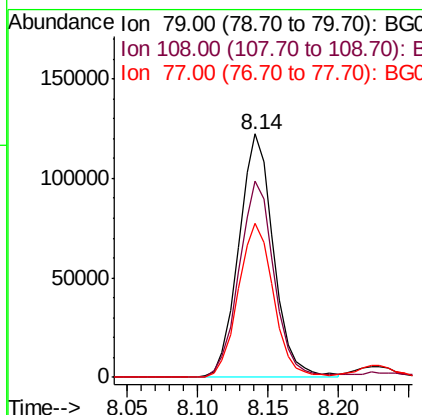
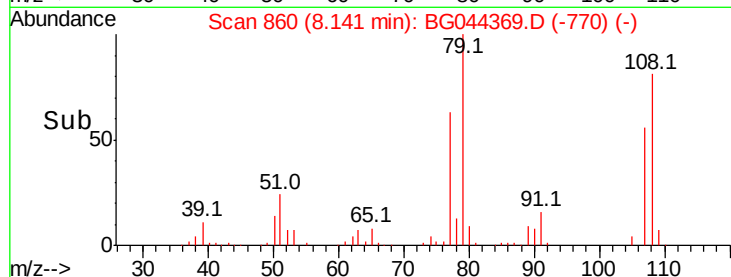
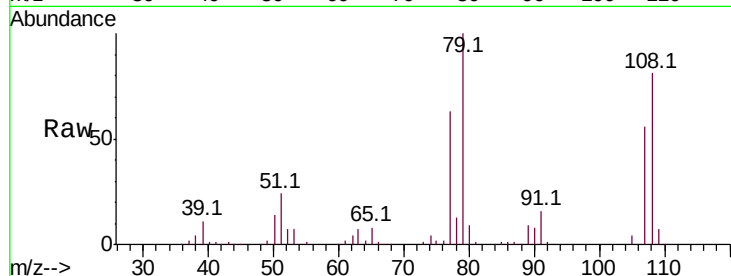
Tot Ion: 79 Resp: 210588

Ion Ratio Lower Upper

79 100

108 80.7 68.3 102.5

77 63.3 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.799 ng

RT: 8.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

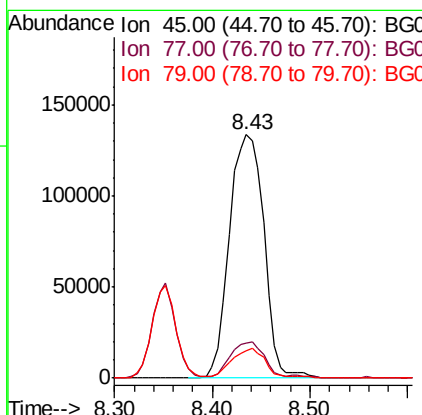
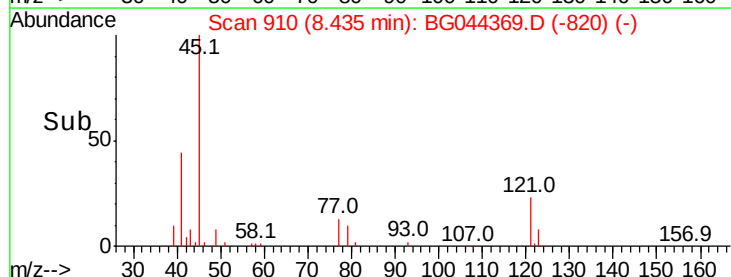
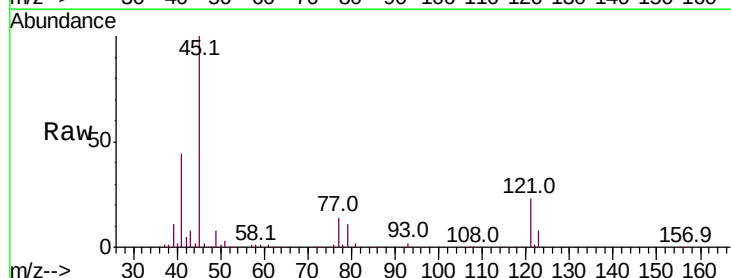
Tgt Ion: 45 Resp: 329003

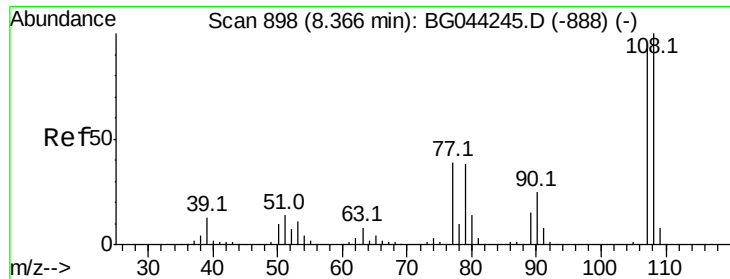
Ion Ratio Lower Upper

45 100

77 14.3 0.0 35.2

79 11.3 0.0 31.1

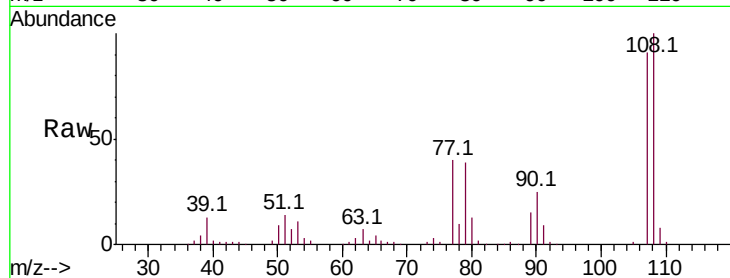




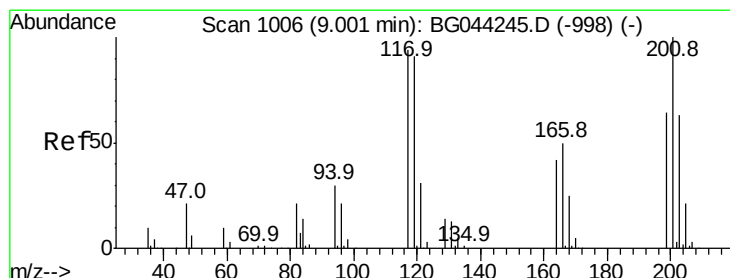
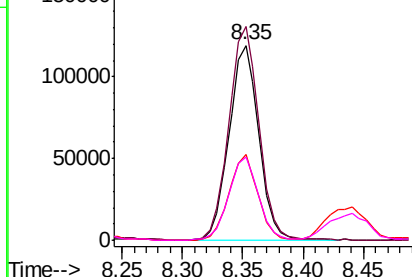
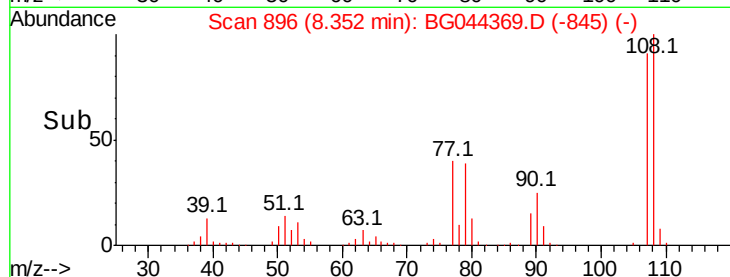
#17
2-Methylphenol
Concen: 42.917 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	203420
Ion	Ratio	Lower	Upper
107	100		
108	109.6	86.4	129.6
77	44.0	34.0	51.0
79	42.5	32.9	49.3

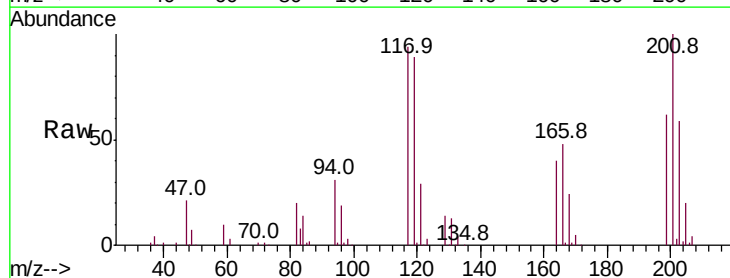


Abundance Ion 107.00 (106.70 to 107.70): E
200000 Ion 108.00 (107.70 to 108.70): E
150000 Ion 77.00 (76.70 to 77.70): BG
100000 Ion 79.00 (78.70 to 79.70): BG

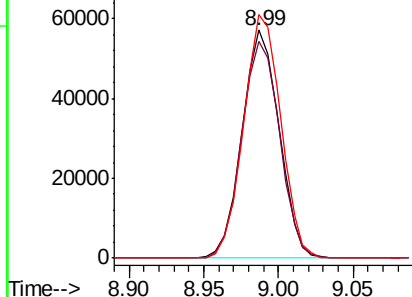
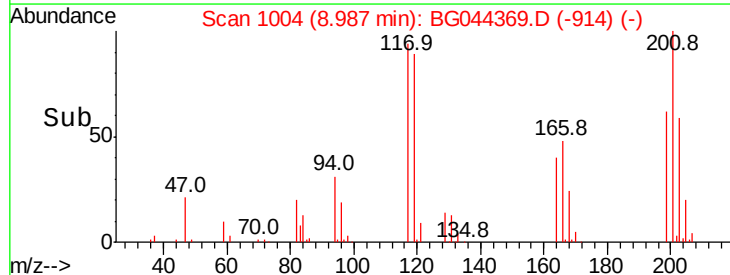


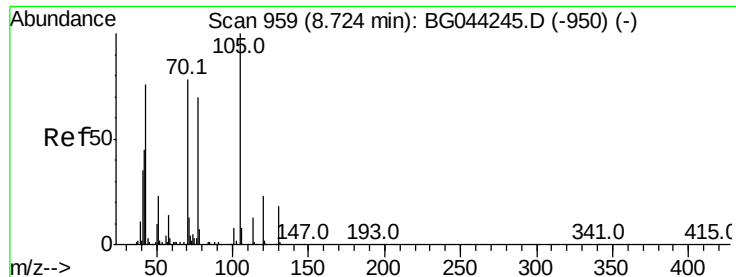
#18
Hexachloroethane
Concen: 40.274 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Tgt Ion:	117	Resp:	98184
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.5	116.3
201	106.9	84.9	127.3



Abundance Ion 117.00 (116.70 to 117.70): E
80000 Ion 119.00 (118.70 to 119.70): E
60000 Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.559 ng

RT: 8.71 min Scan# 957

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 199343

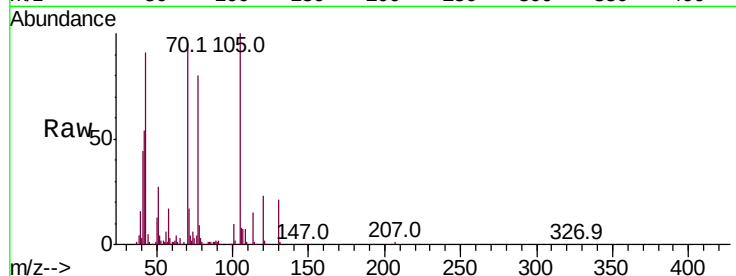
Ion Ratio Lower Upper

70 100

42 56.4 46.2 69.2

101 10.4 8.4 12.6

130 22.2 17.8 26.8

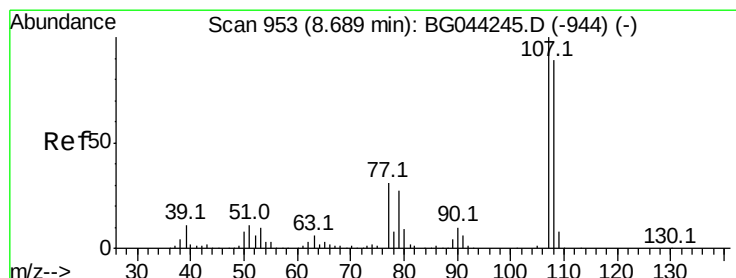
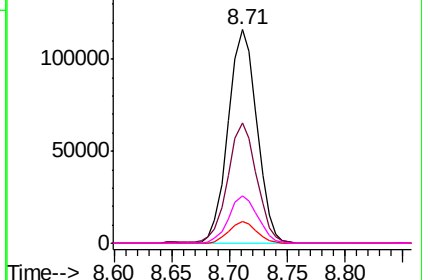
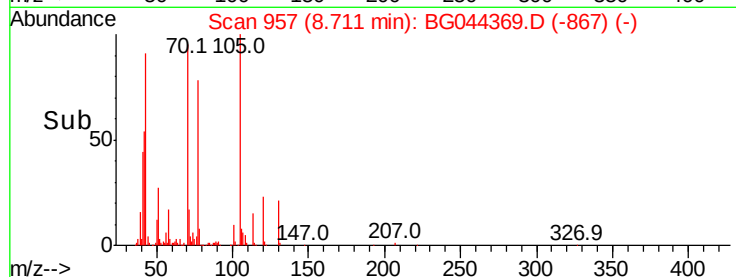


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 44.544 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Tgt Ion: 107 Resp: 290972

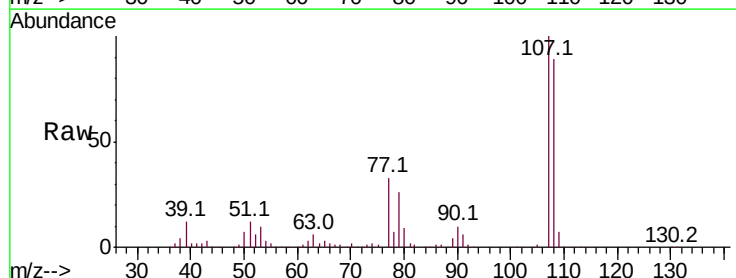
Ion Ratio Lower Upper

107 100

108 89.2 68.5 108.5

77 32.7 10.9 50.9

79 26.1 7.1 47.1

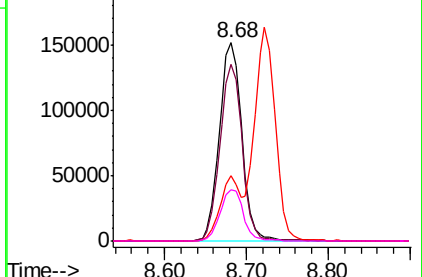
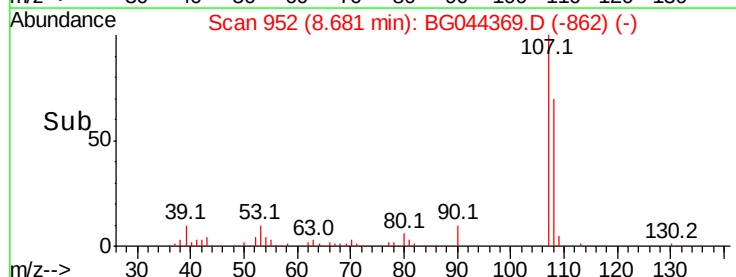


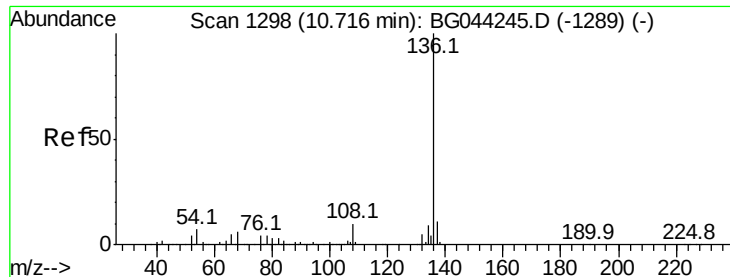
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

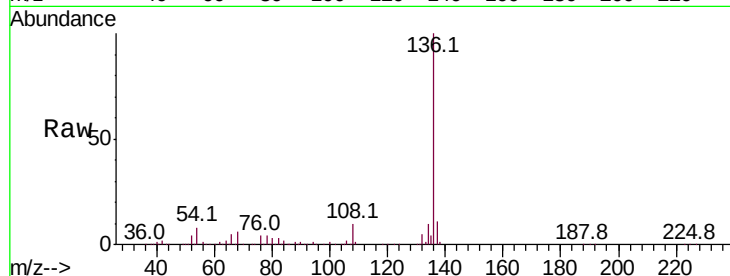




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	398631
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	7.5	5.8 8.8
68	6.0	4.6 6.8



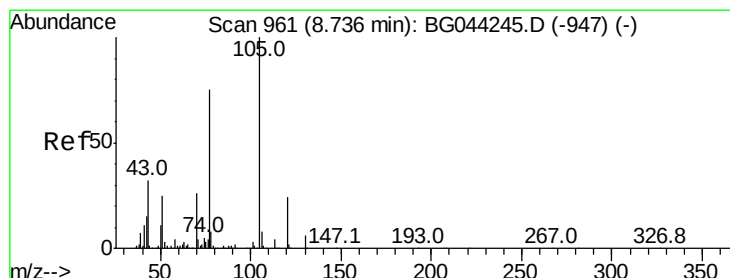
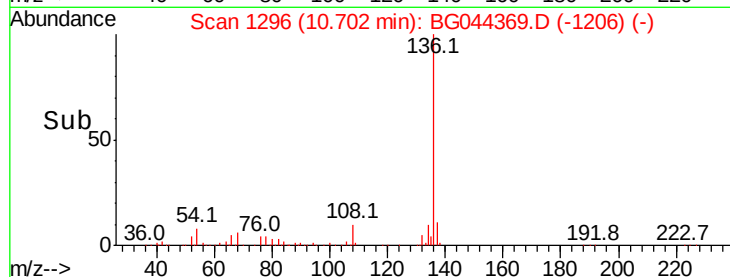
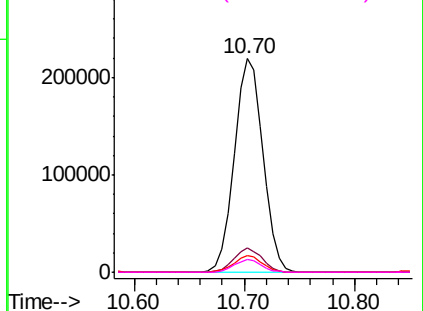
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

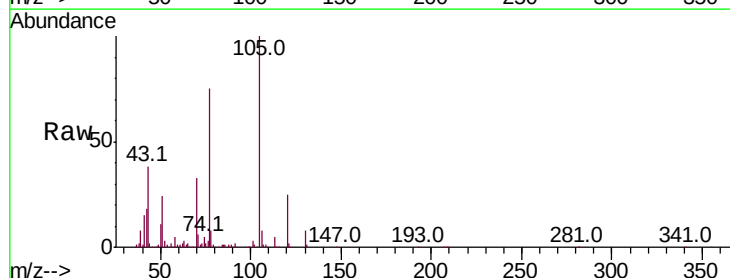
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.688 ng
RT: 8.72 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Tgt Ion:105	Resp:	384868
Ion	Ratio	Lower Upper
105	100	
71	5.6	3.4 5.0#
51	24.5	20.2 30.4
120	24.5	19.1 28.7



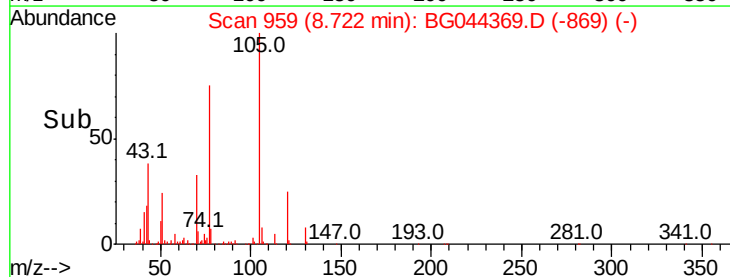
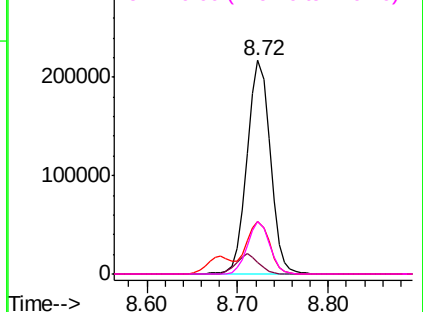
Abundance

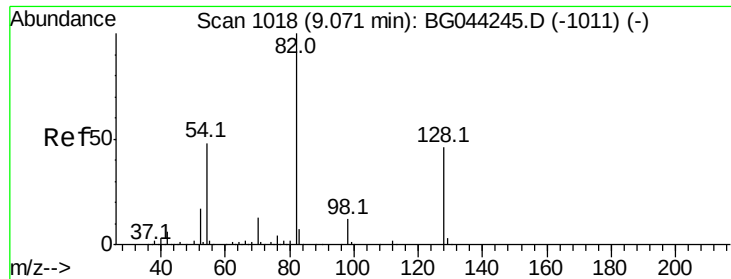
Ion 105.00 (104.70 to 105.70): E

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

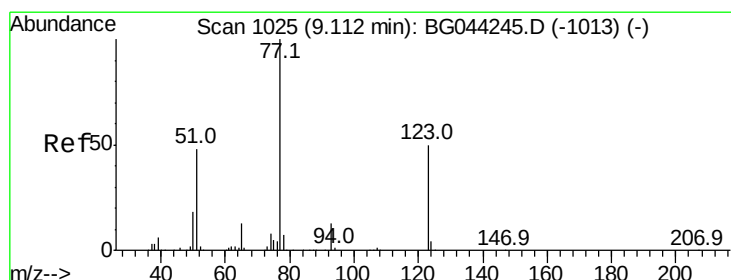
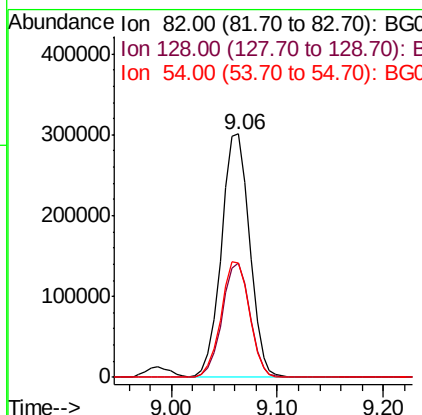
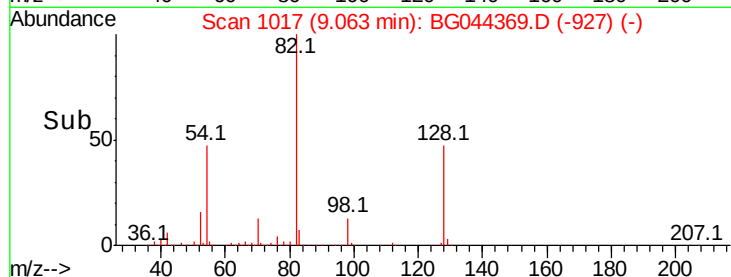
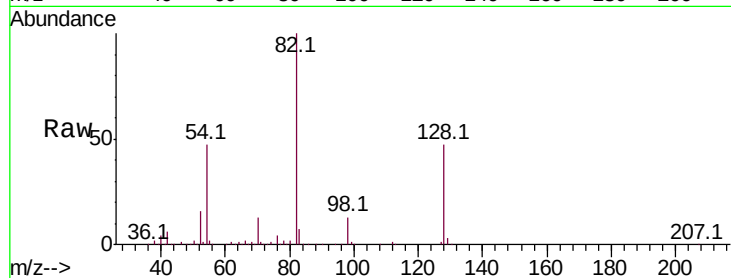




#23
Nitrobenzene-d5
Concen: 79.059 ng
RT: 9.06 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

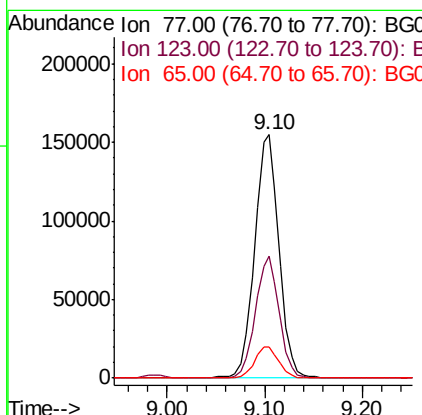
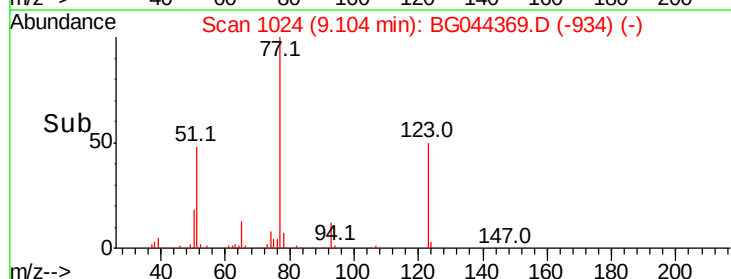
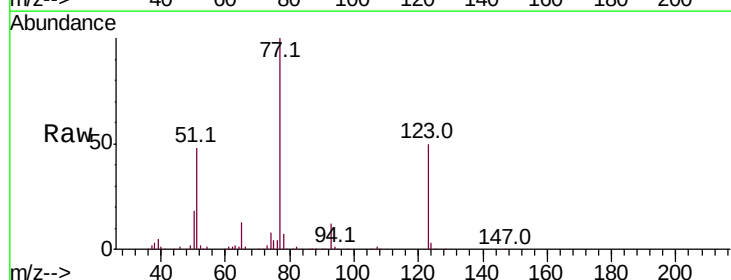
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

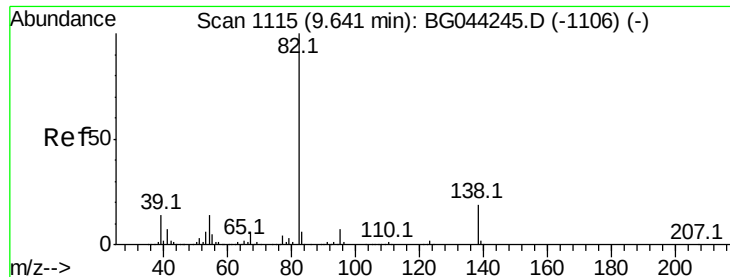
Tot Ion: 82 Resp: 558225
Ion Ratio Lower Upper
82 100
128 46.8 36.5 54.7
54 46.9 38.6 58.0



#24
Nitrobenzene
Concen: 39.344 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Tgt Ion: 77 Resp: 271208
Ion Ratio Lower Upper
77 100
123 50.3 39.9 59.9
65 12.8 10.4 15.6





#25

Isophorone

Concen: 41.003 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

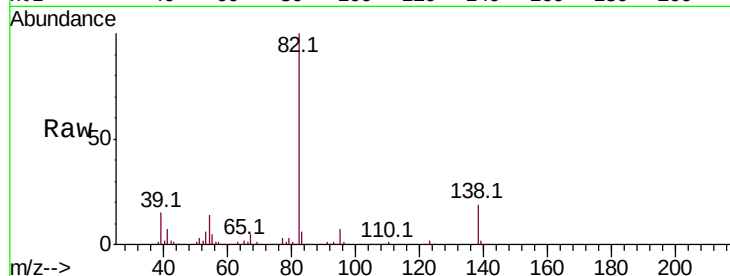
Tot Ion: 82 Resp: 539624

Ion Ratio Lower Upper

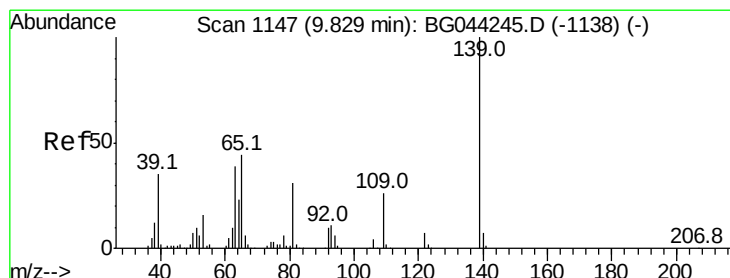
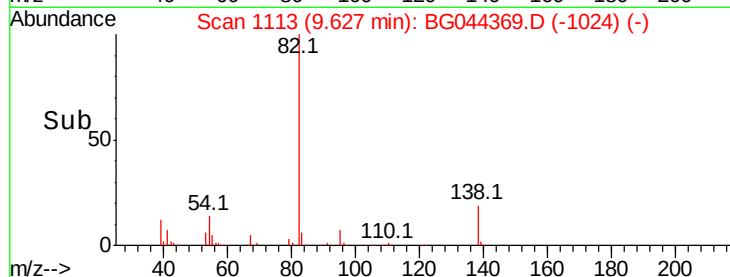
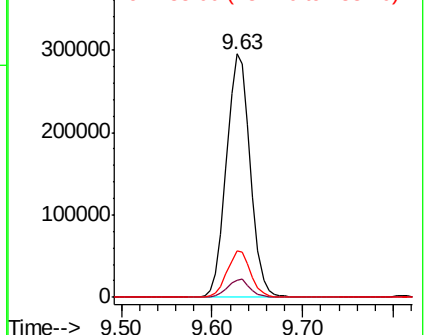
82 100

95 6.9 5.7 8.5

138 19.1 15.0 22.4



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



#26

2-Nitrophenol

Concen: 41.618 ng

RT: 9.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

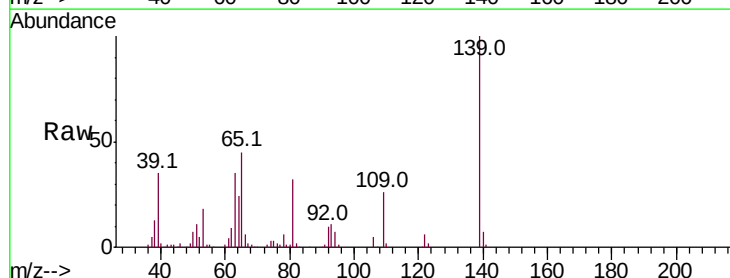
Tgt Ion: 139 Resp: 148859

Ion Ratio Lower Upper

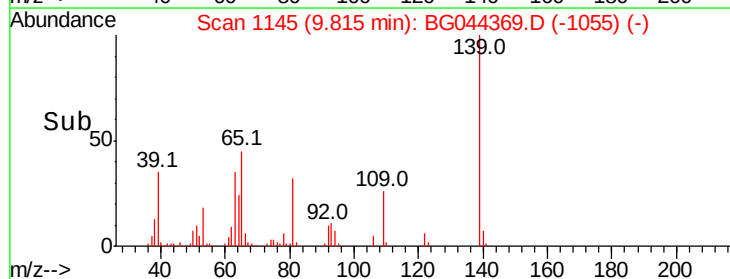
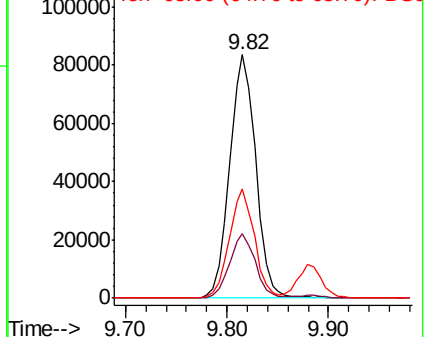
139 100

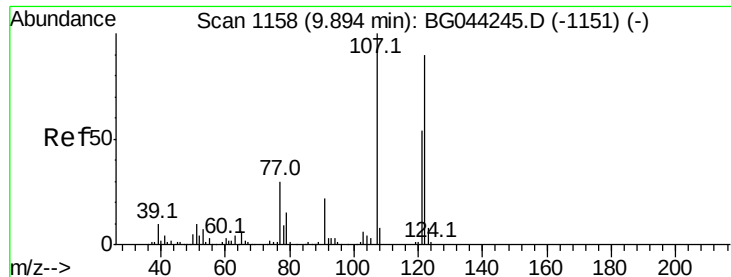
109 26.4 21.0 31.4

65 45.1 35.0 52.4



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

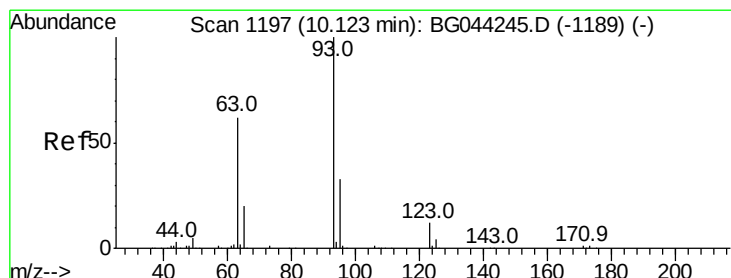
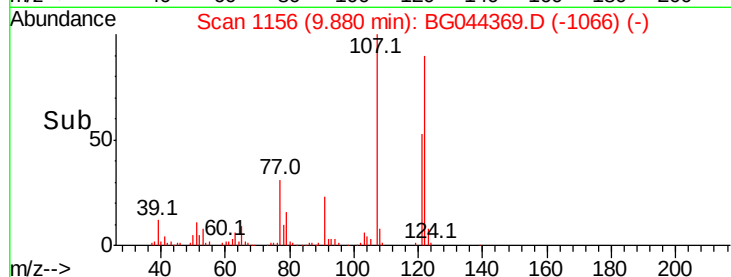
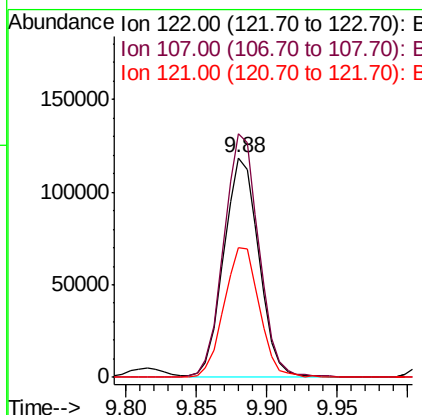
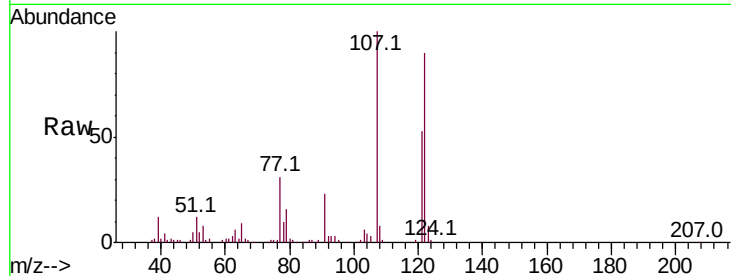




#27
2,4-Dimethylphenol
Concen: 40.513 ng
RT: 9.88 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

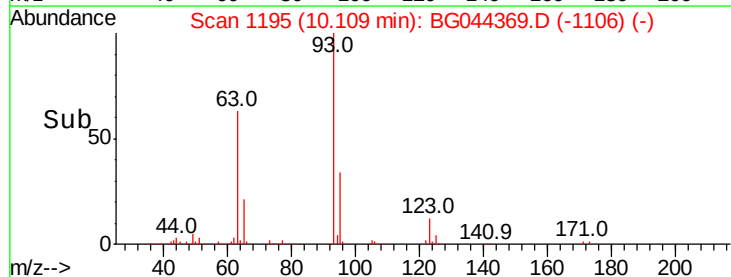
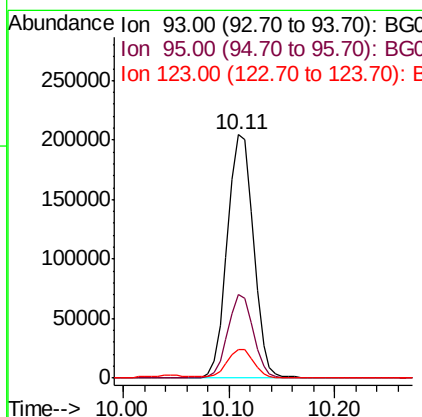
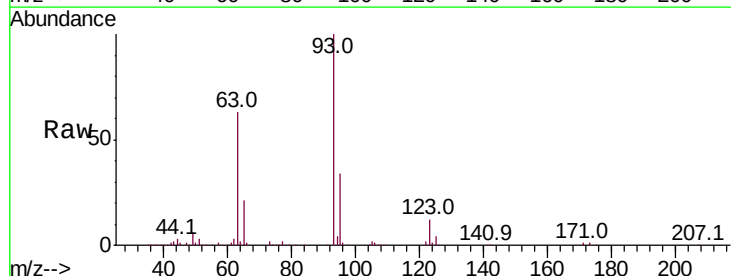
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

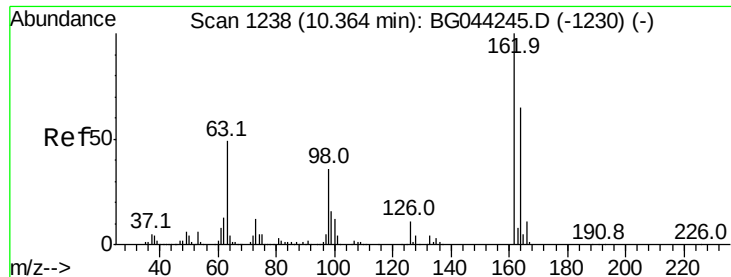
Tot Ion:122 Resp: 204552
Ion Ratio Lower Upper
122 100
107 110.9 88.8 133.2
121 59.0 48.3 72.5



#28
bis(2-Chloroethoxy)methane
Concen: 39.992 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Tgt Ion: 93 Resp: 351100
Ion Ratio Lower Upper
93 100
95 34.5 26.6 40.0
123 11.9 10.0 15.0

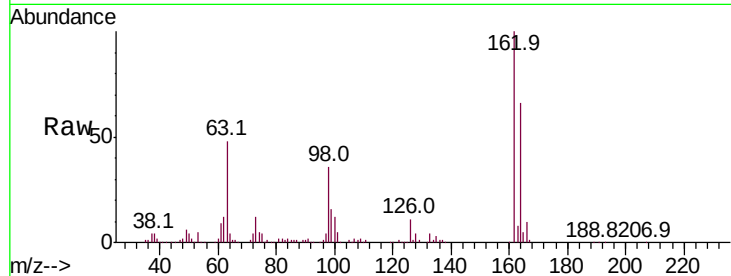




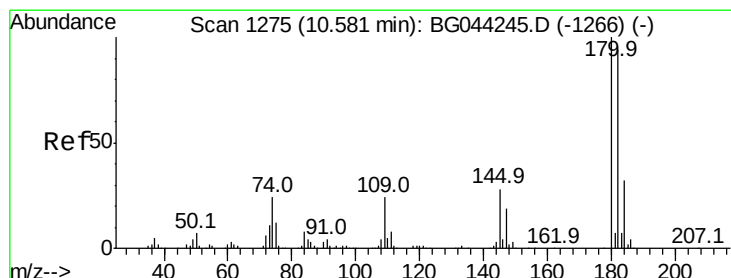
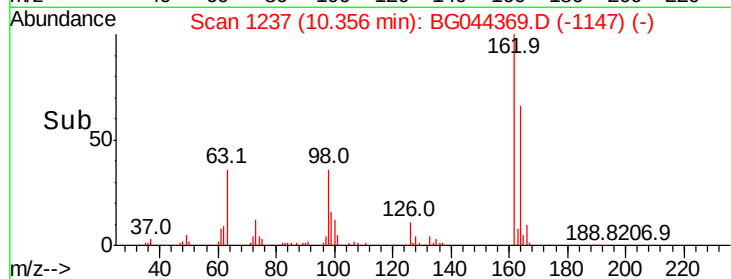
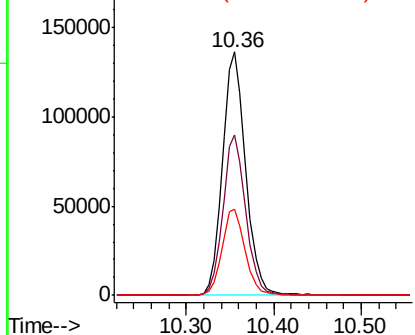
#29
 2,4-Dichlorophenol
 Concen: 40.805 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BG044369.D
 Acq: 11 Feb 2020 00:35

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.7	84.7
98	35.7	15.8	55.8

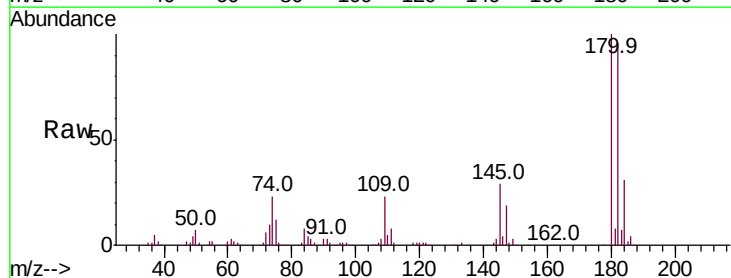


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

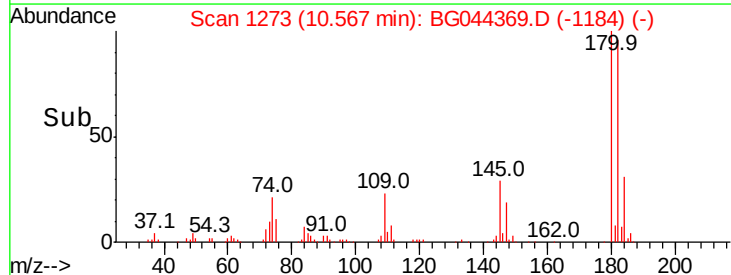
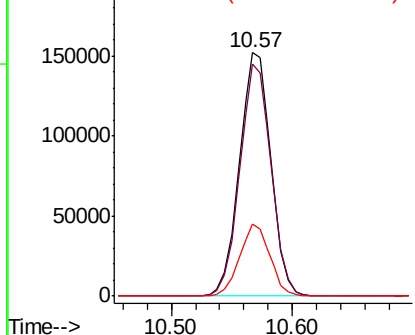


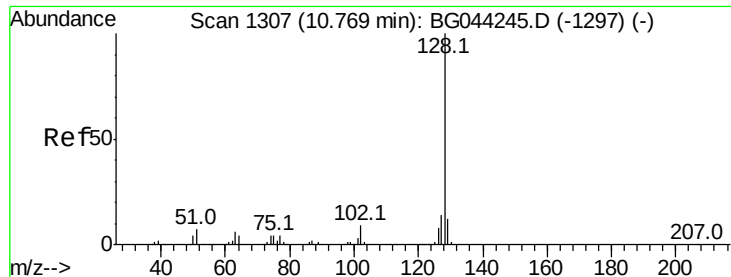
#30
 1,2,4-Trichlorobenzene
 Concen: 39.293 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BG044369.D
 Acq: 11 Feb 2020 00:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.5	113.3
145	29.4	22.6	34.0



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

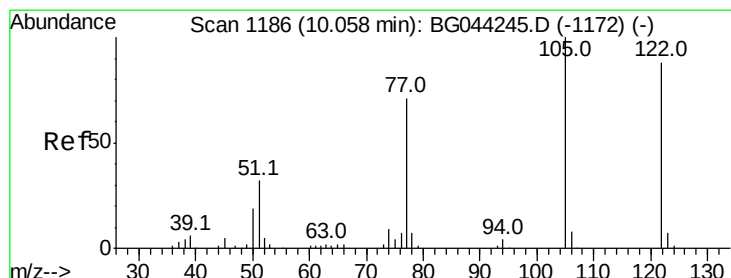
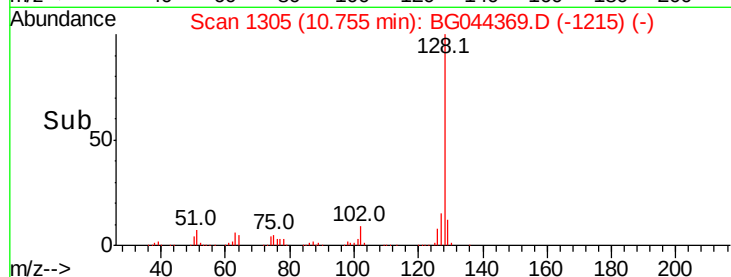
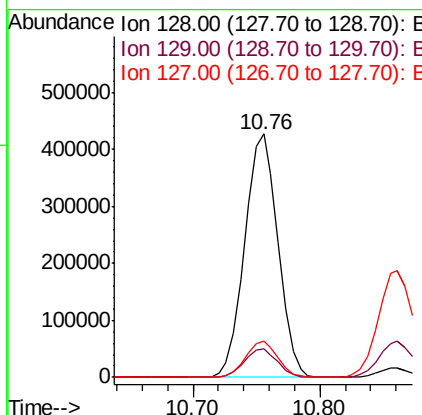
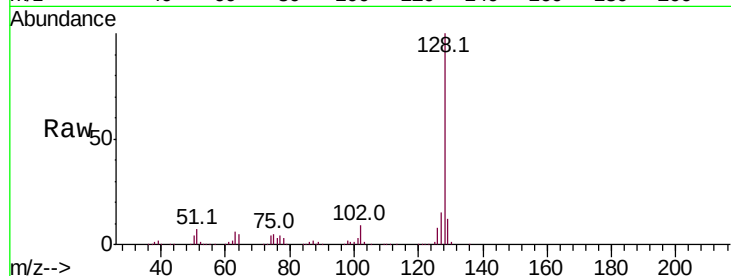




#31
Naphthalene
Concen: 40.152 ng
RT: 10.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

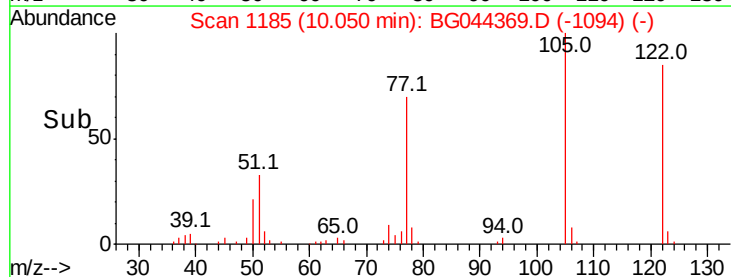
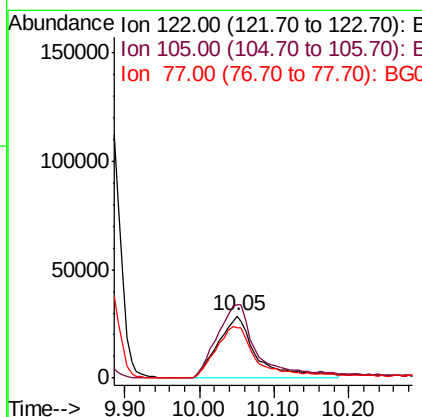
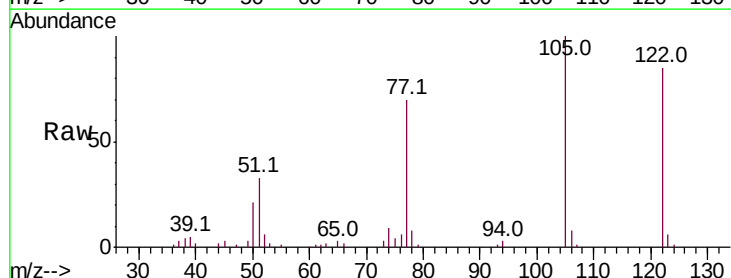
Instrument :
BNA_G
ClientSampled :
SSTDCCC040

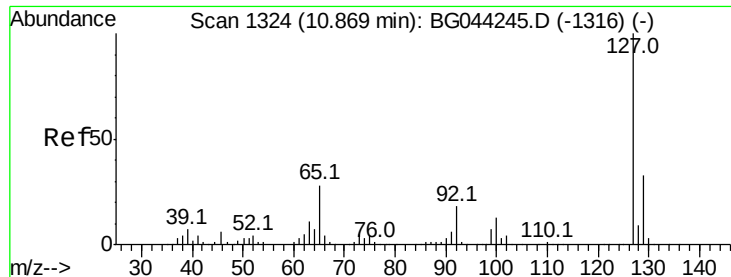
Tot Ion:128 Resp: 776556
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 14.7 11.6 17.4



#32
Benzoic acid
Concen: 35.467 ng
RT: 10.05 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Tgt Ion:122 Resp: 100492
Ion Ratio Lower Upper
122 100
105 117.7 93.5 133.5
77 82.0 61.0 101.0

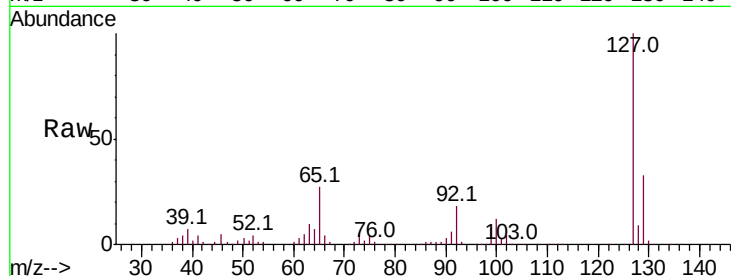




#33
4-Chloroaniline
Concen: 41.427 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	364395
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.6	40.0
65	27.3	22.5	33.7
92	17.9	14.1	21.1



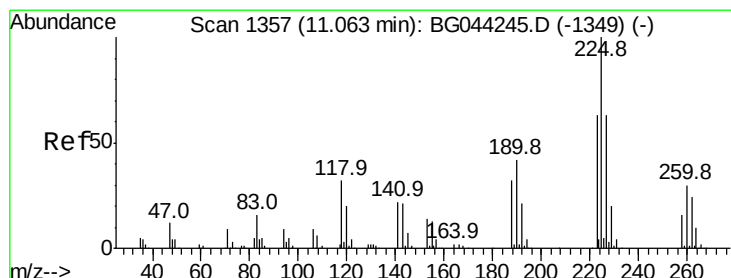
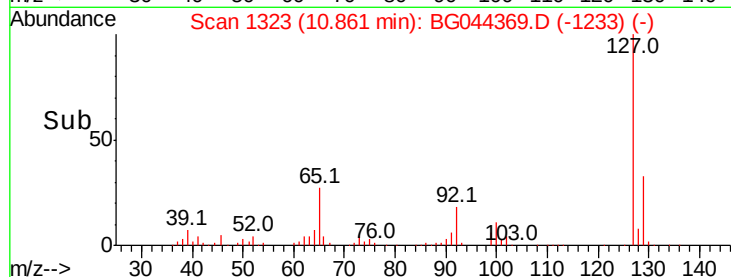
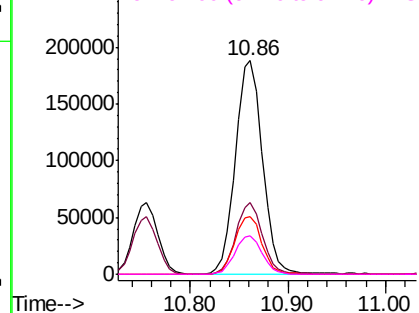
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

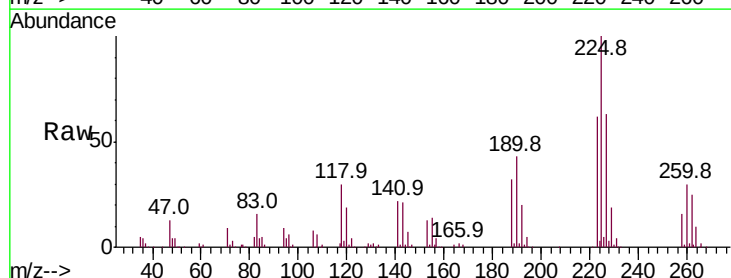
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.493 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Tgt Ion:	225	Resp:	165811
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.4
227	63.1	50.8	76.2

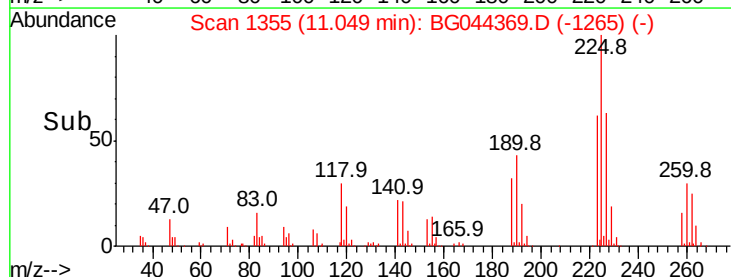
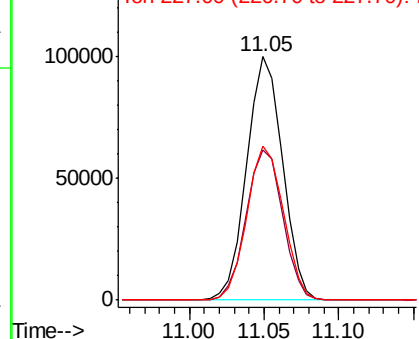


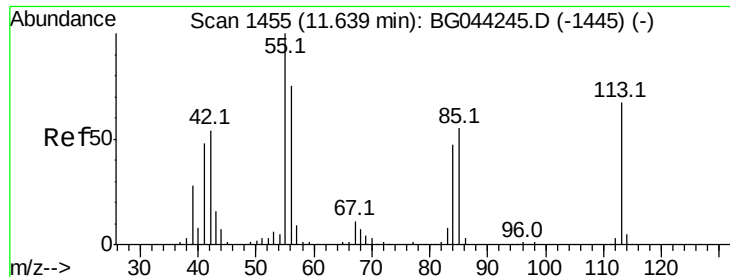
Abundance

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: 44.585 ng

RT: 11.64 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

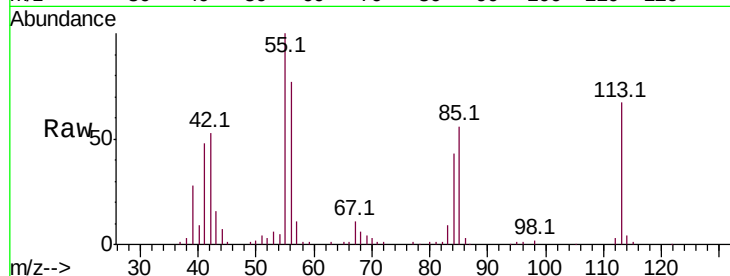
Tot Ion:113 Resp: 99710

Ion Ratio Lower Upper

113 100

55 149.6 129.9 169.9

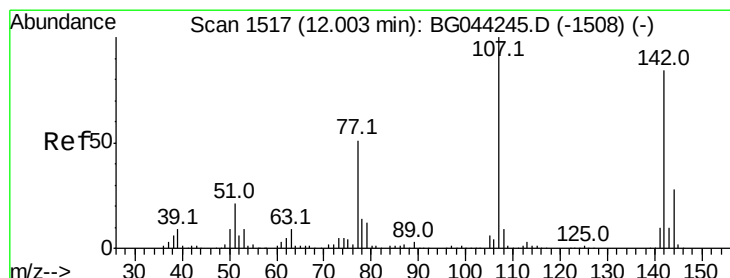
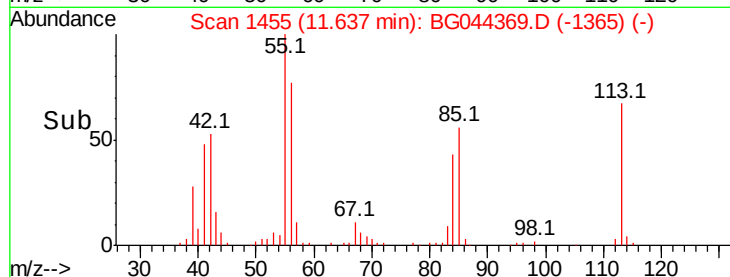
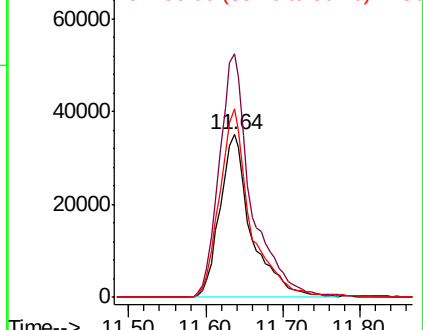
56 115.6 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.225 ng

RT: 12.00 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

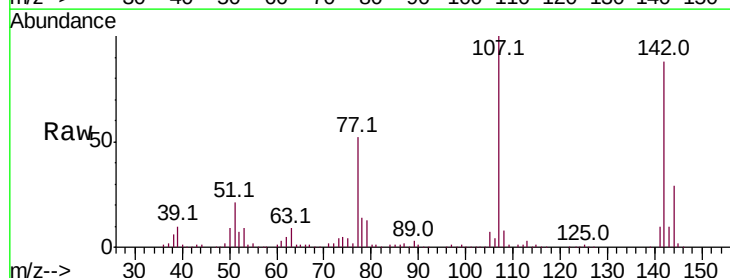
Tgt Ion:107 Resp: 270280

Ion Ratio Lower Upper

107 100

144 28.7 22.2 33.4

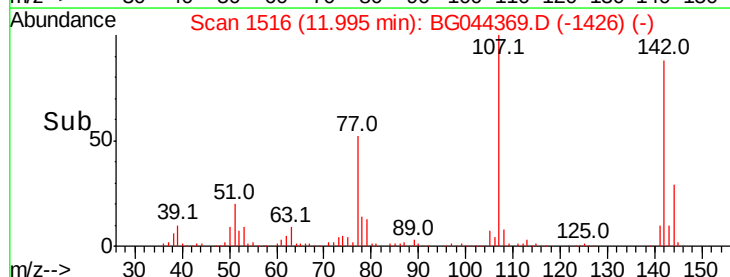
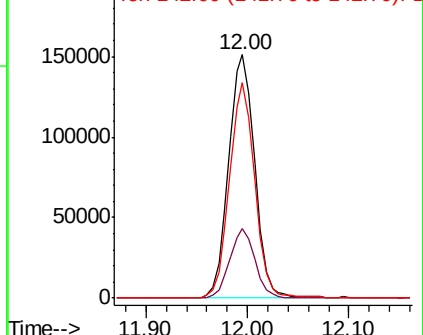
142 88.4 67.4 101.0

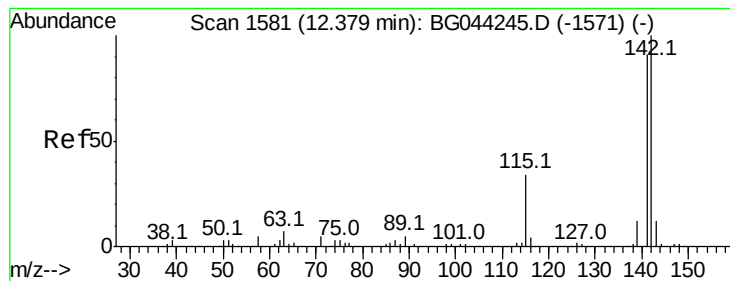


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.301 ng

RT: 12.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

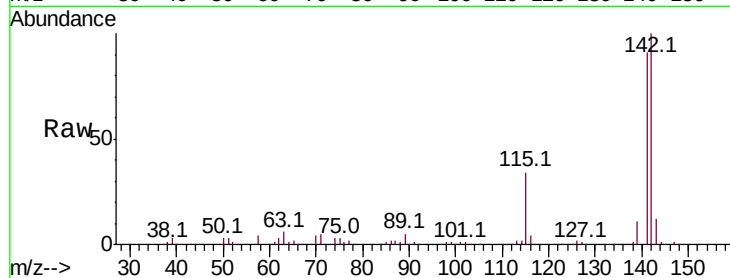
Tot Ion:142 Resp: 593071

Ion Ratio Lower Upper

142 100

141 91.4 73.2 109.8

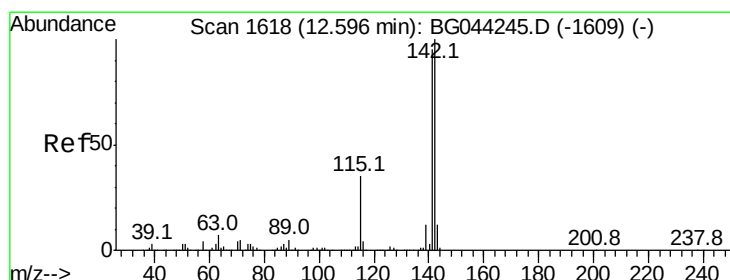
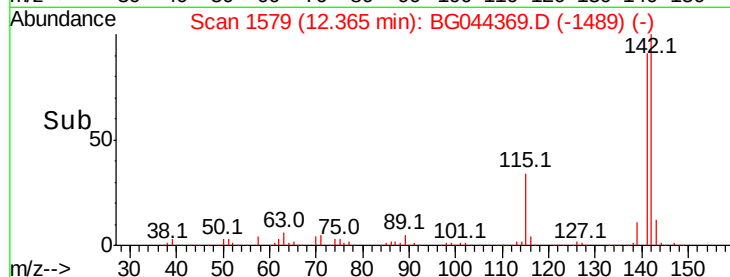
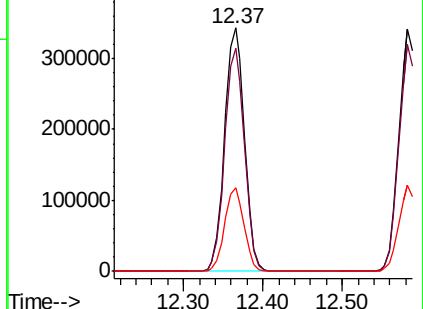
115 34.4 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.629 ng

RT: 12.58 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

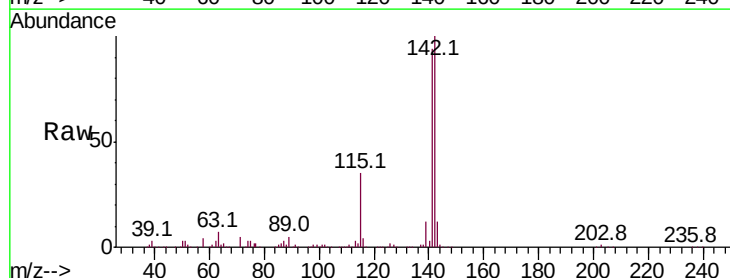
Tgt Ion:142 Resp: 563585

Ion Ratio Lower Upper

142 100

141 93.5 75.8 113.6

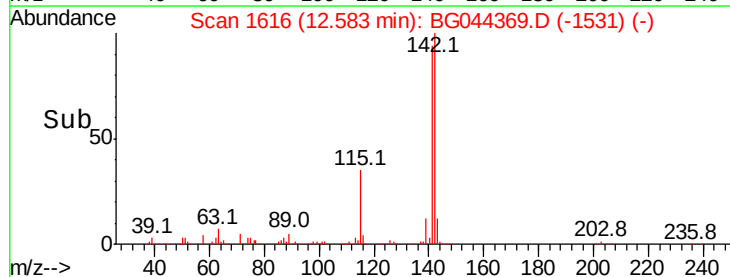
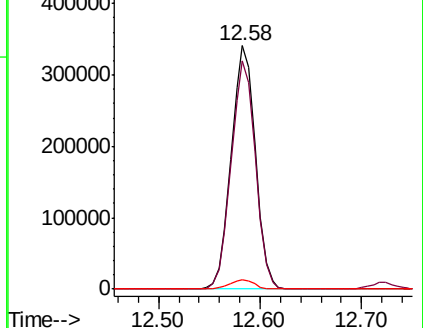
116 3.7 3.1 4.7

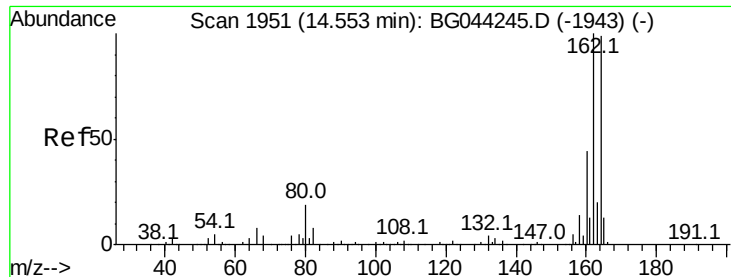


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

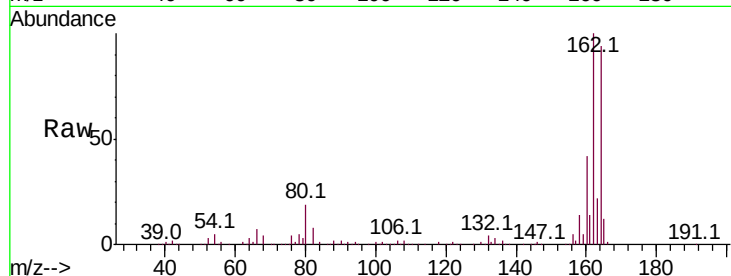
Tot Ion:164 Resp: 275344

Ion Ratio Lower Upper

164 100

162 106.5 80.7 121.1

160 44.8 35.3 52.9

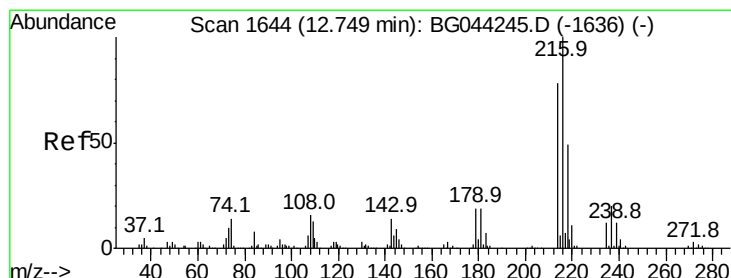
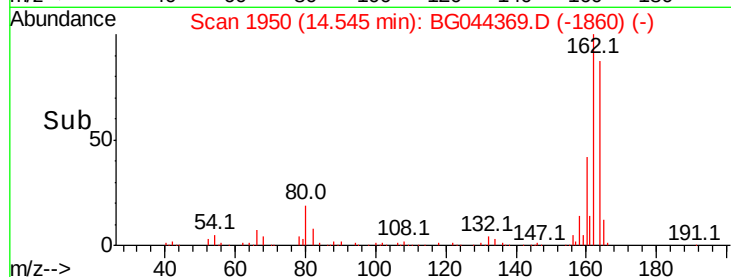
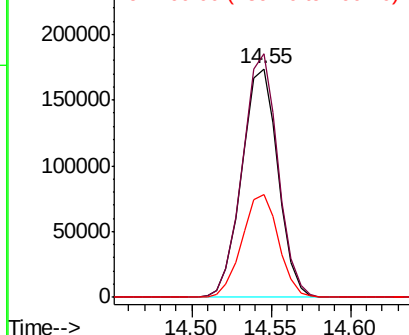


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.836 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Tgt Ion:216 Resp: 319868

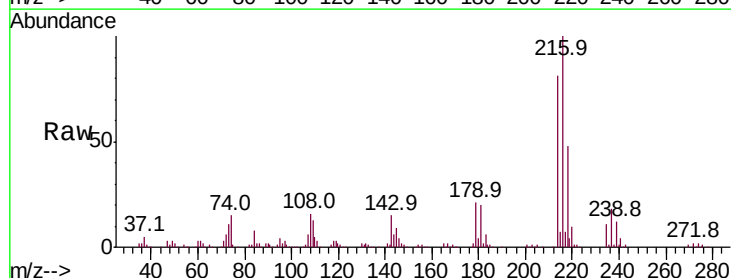
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.6

179 21.0 16.2 24.4

108 16.8 13.5 20.3



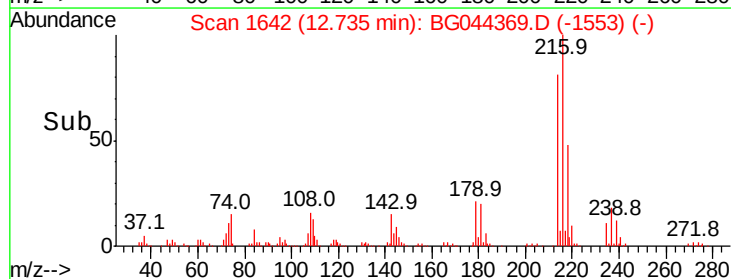
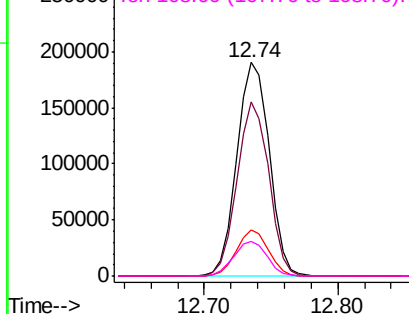
Abundance

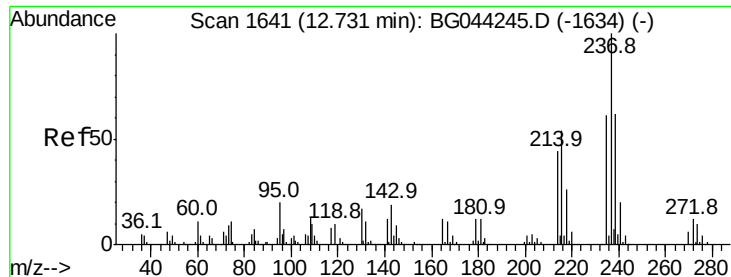
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 33.281 ng

RT: 12.72 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

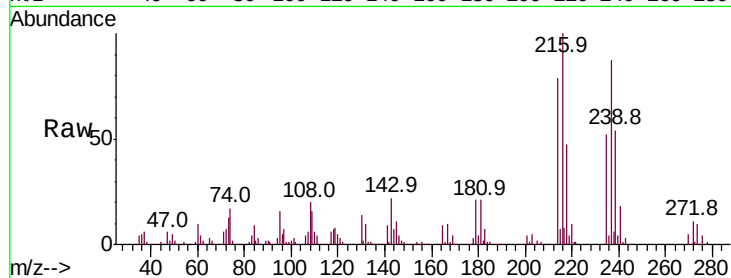
Tot Ion:237 Resp: 131531

Ion Ratio Lower Upper

237 100

235 59.6 41.2 81.2

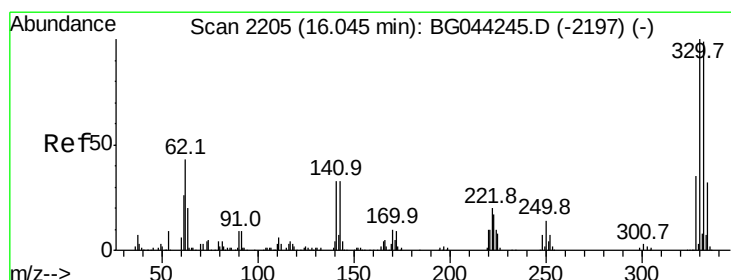
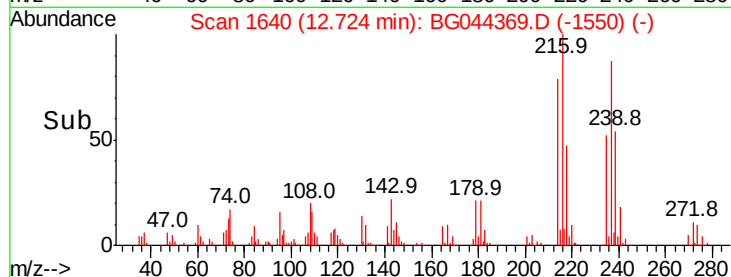
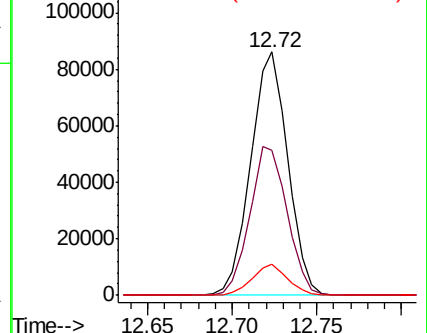
272 12.5 0.0 32.4



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: 84.414 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

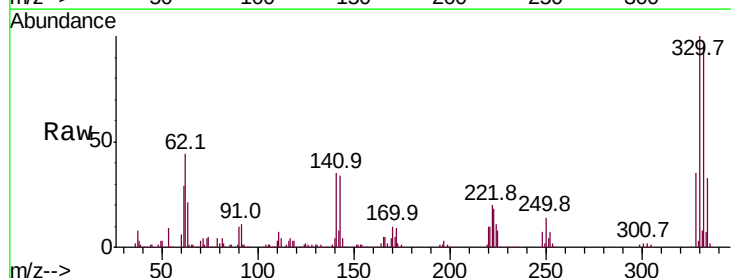
Tgt Ion:330 Resp: 272857

Ion Ratio Lower Upper

330 100

332 95.4 77.2 115.8

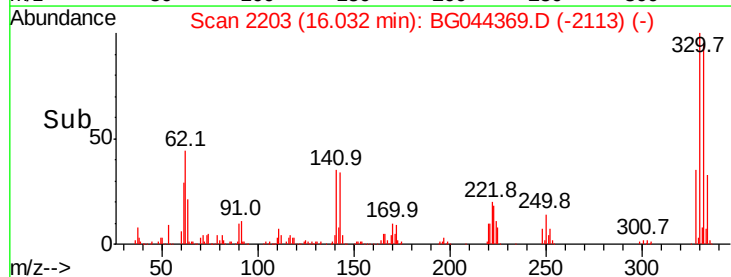
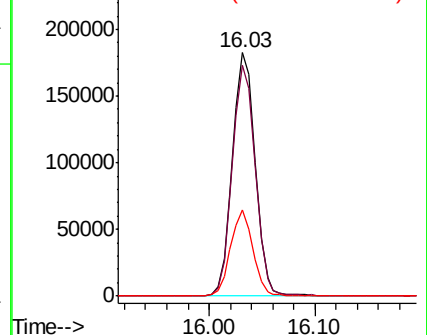
141 34.6 28.3 42.5

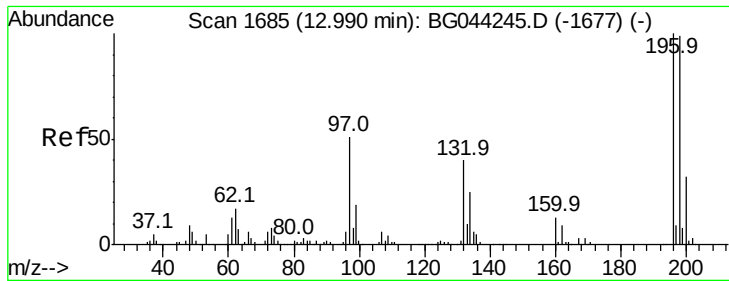


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

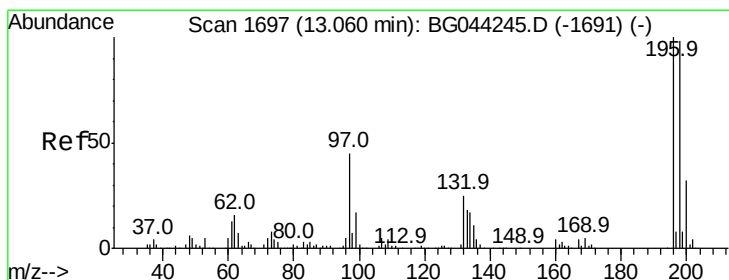
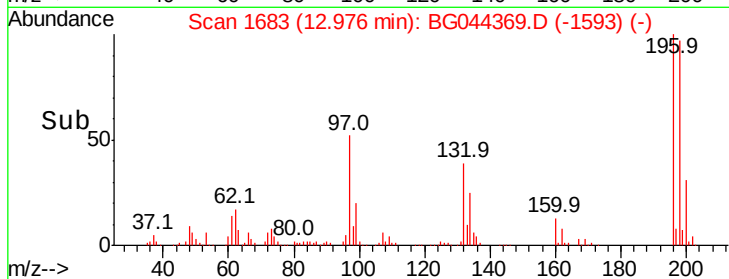
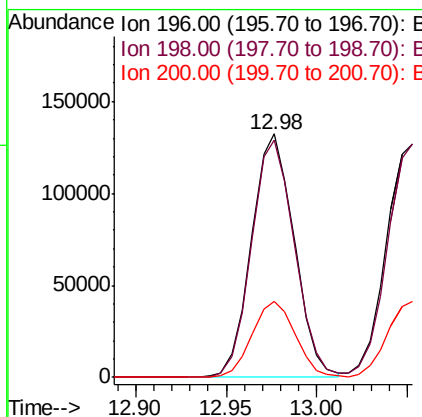
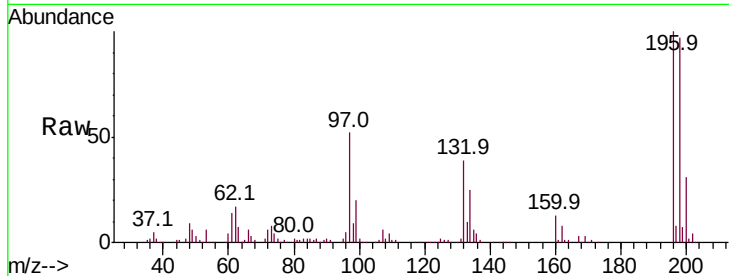




#43
 2,4,6-Trichlorophenol
 Concen: 40.632 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044369.D
 Acq: 11 Feb 2020 00:35

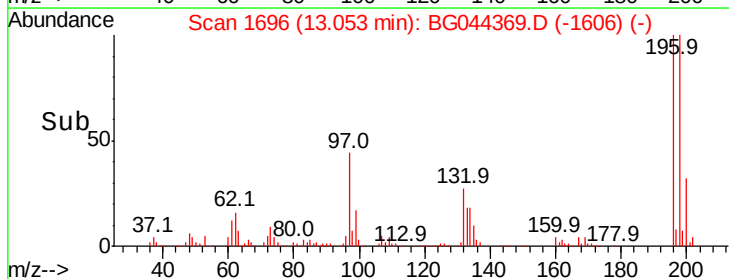
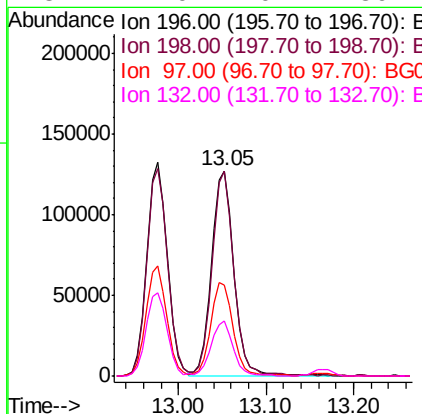
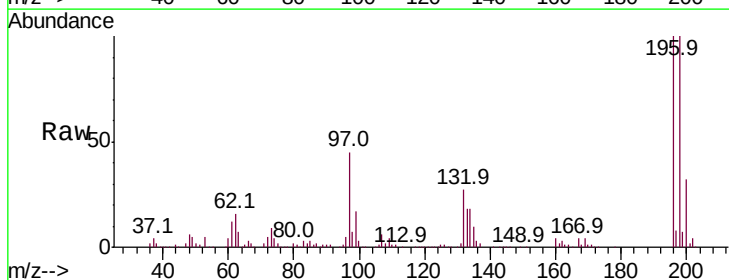
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

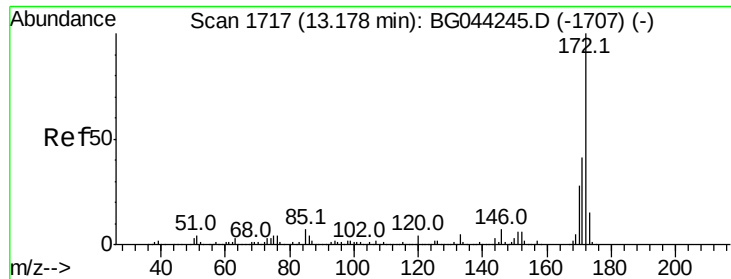
Tot Ion:196 Resp: 216318
 Ion Ratio Lower Upper
 196 100
 198 97.3 79.3 118.9
 200 31.1 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 41.410 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044369.D
 Acq: 11 Feb 2020 00:35

Tgt Ion:196 Resp: 225177
 Ion Ratio Lower Upper
 196 100
 198 100.1 78.2 117.2
 97 44.6 36.2 54.4
 132 27.0 20.2 30.4

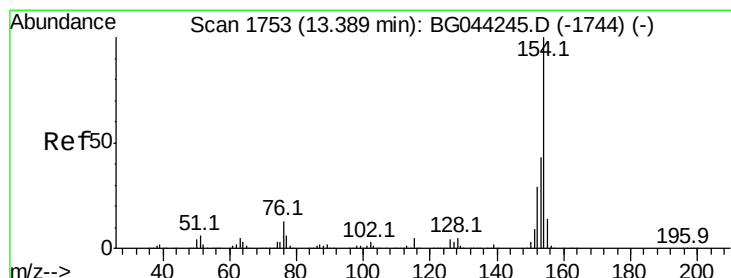
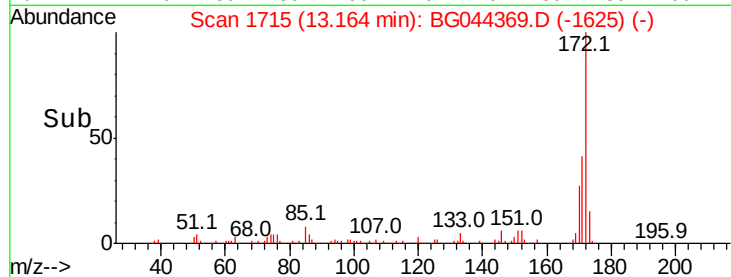
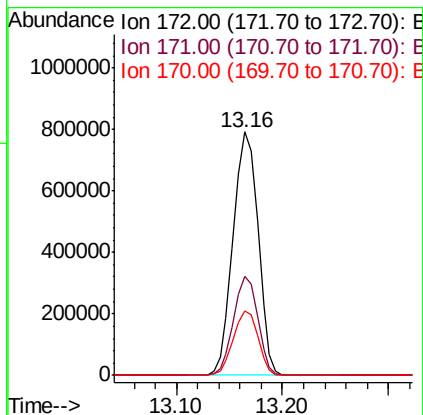
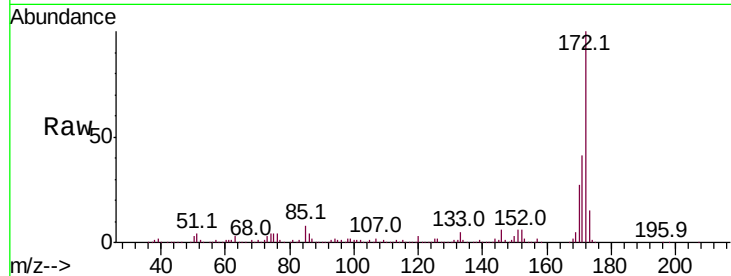




#45
2-Fluorobiphenyl
Concen: 78.764 ng
RT: 13.16 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

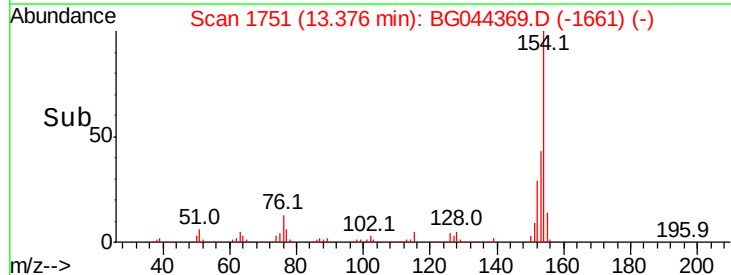
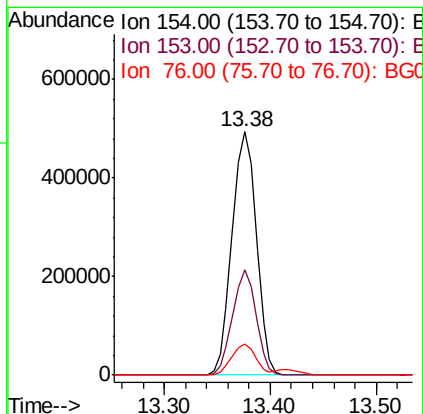
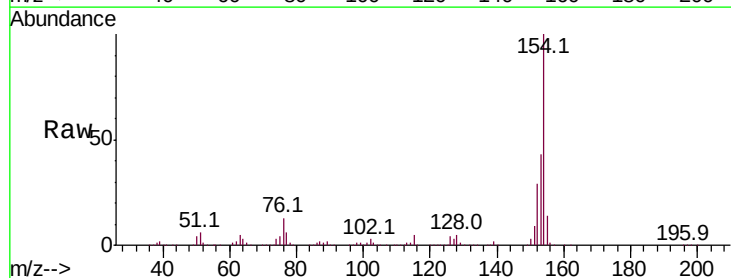
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

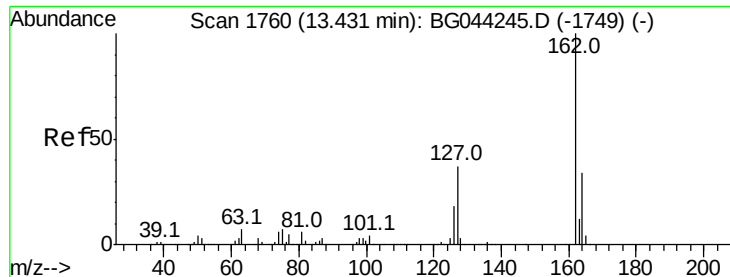
Tot Ion:172 Resp: 1295106
Ion Ratio Lower Upper
172 100
171 40.6 32.9 49.3
170 26.6 22.0 33.0



#46
1,1'-Biphenyl
Concen: 39.537 ng
RT: 13.38 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Tgt Ion:154 Resp: 785231
Ion Ratio Lower Upper
154 100
153 43.2 22.7 62.7
76 12.7 0.0 32.9

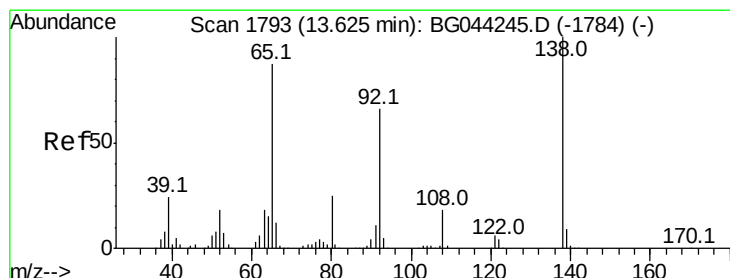
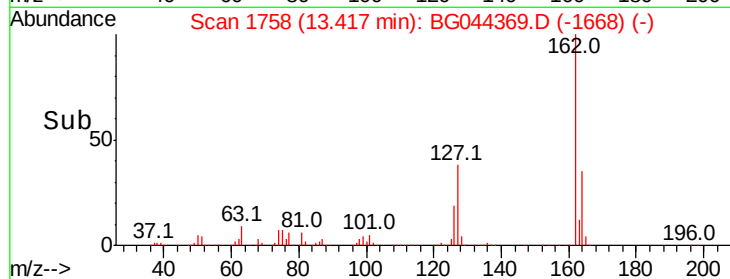
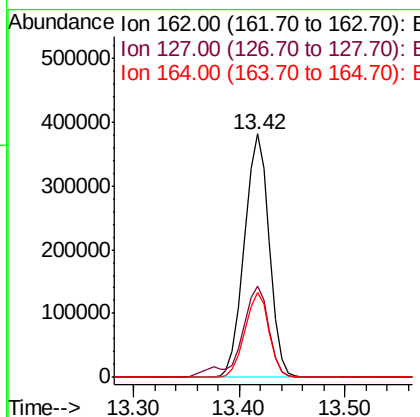
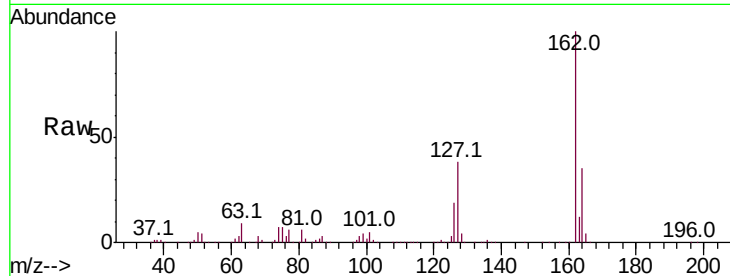




#47
 2-Chloronaphthalene
 Concen: 39.310 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG044369.D
 Acq: 11 Feb 2020 00:35

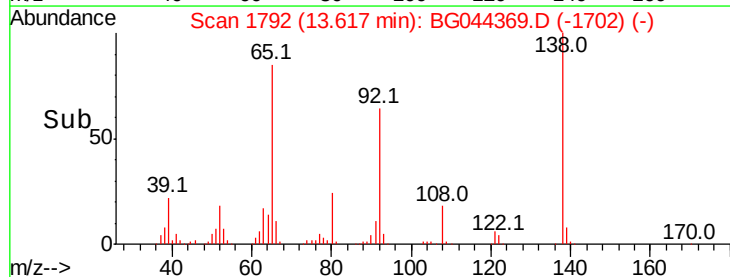
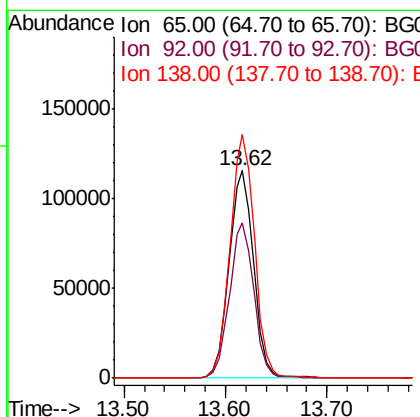
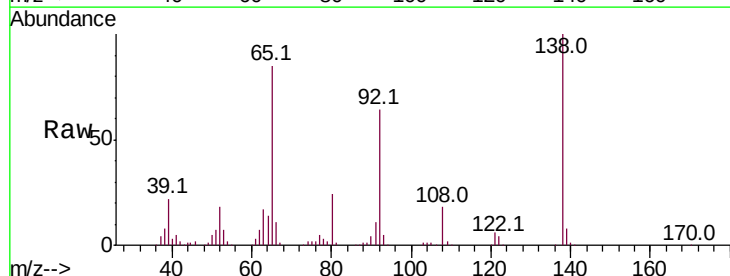
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

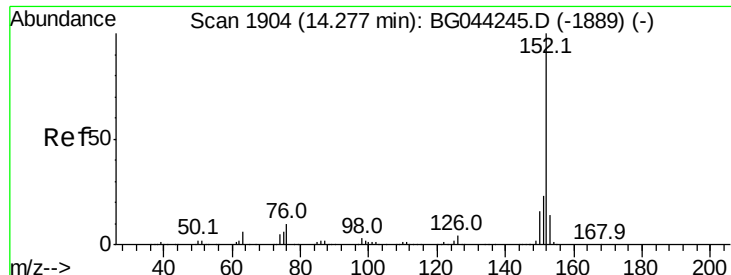
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.0	45.0
164	34.9	27.2	40.8



#48
 2-Nitroaniline
 Concen: 41.627 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG044369.D
 Acq: 11 Feb 2020 00:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.9	60.3	90.5
138	117.5	91.9	137.9





#49

Acenaphthylene

Concen: 40.189 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

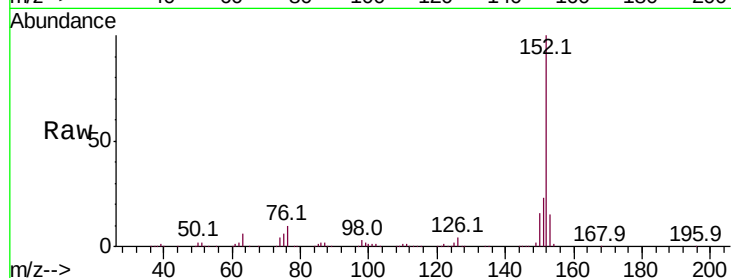
Tot Ion:152 Resp: 931595

Ion Ratio Lower Upper

152 100

151 22.6 18.1 27.1

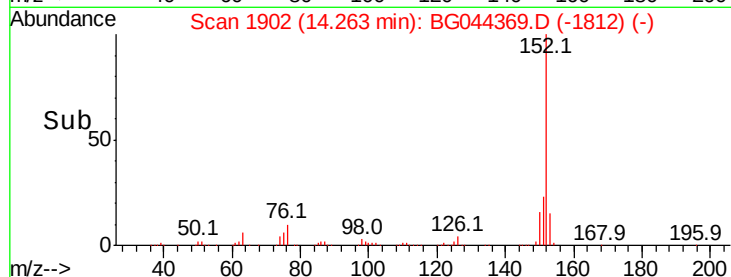
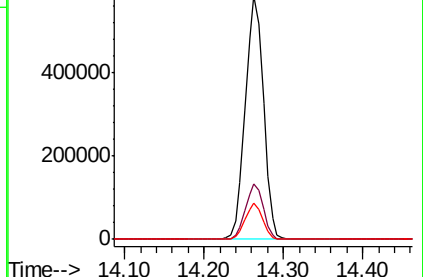
153 14.9 11.5 17.3



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: 40.797 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

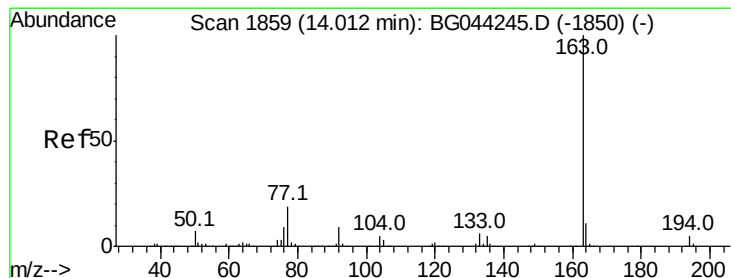
Tgt Ion:163 Resp: 807477

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

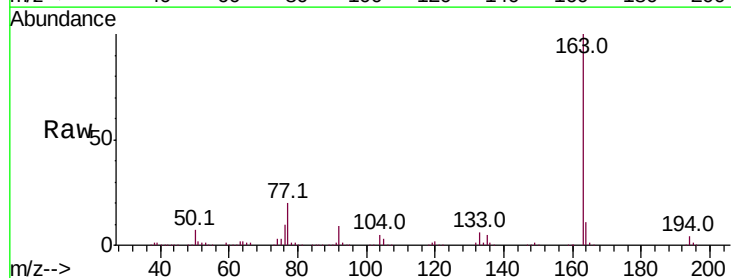
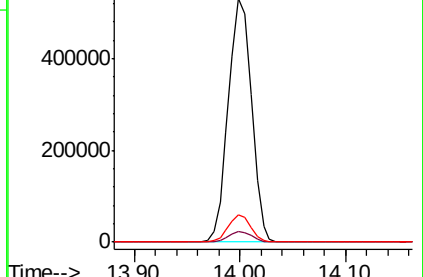
164 11.0 8.7 13.1

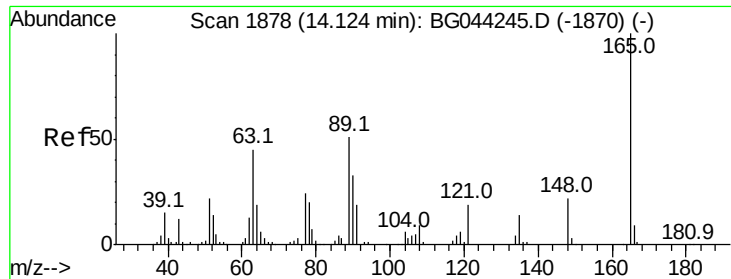


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

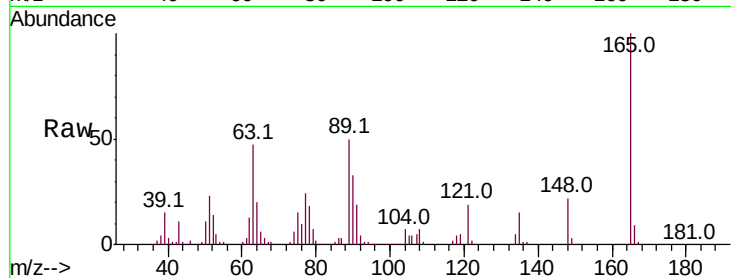




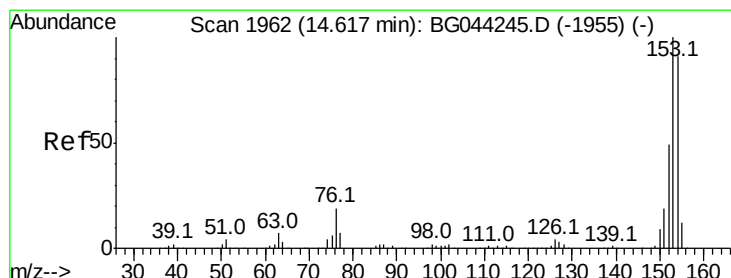
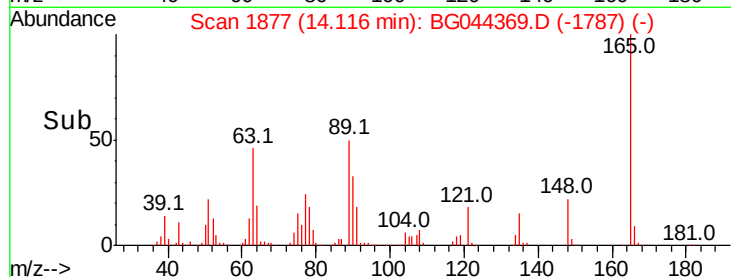
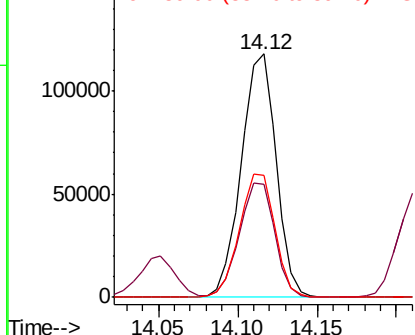
#51
 2,6-Dinitrotoluene
 Concen: 40.800 ng
 RT: 14.12 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: BG044369.D
 Acq: 11 Feb 2020 00:35

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:165 Resp: 180053
 Ion Ratio Lower Upper
 165 100
 63 46.6 38.7 58.1
 89 50.3 40.4 60.6

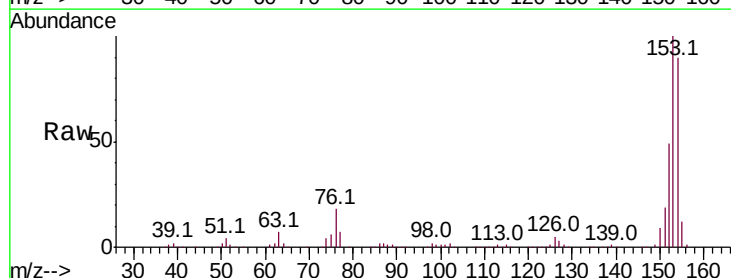


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

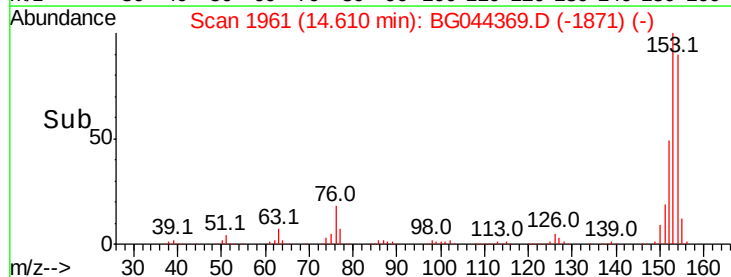
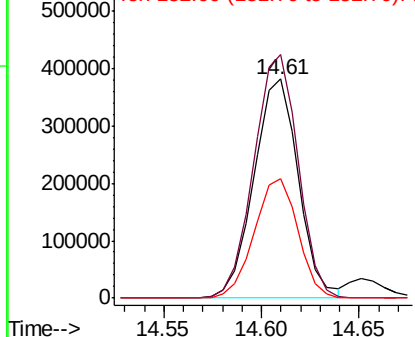


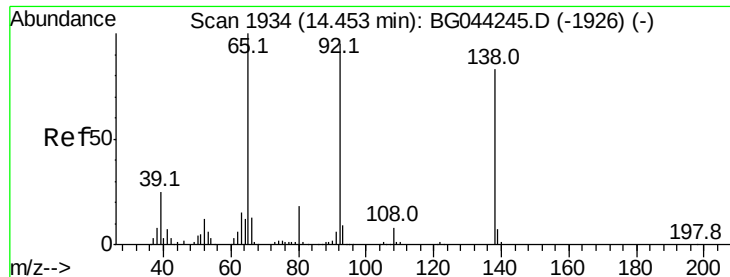
#52
 Acenaphthene
 Concen: 40.113 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BG044369.D
 Acq: 11 Feb 2020 00:35

Tgt Ion:154 Resp: 602701
 Ion Ratio Lower Upper
 154 100
 153 111.2 87.9 131.9
 152 54.4 43.1 64.7



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: 41.888 ng

RT: 14.45 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

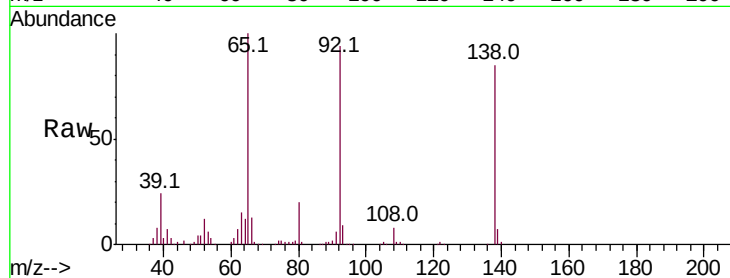
Tot Ion:138 Resp: 204512

Ion Ratio Lower Upper

138 100

108 9.7 7.9 11.9

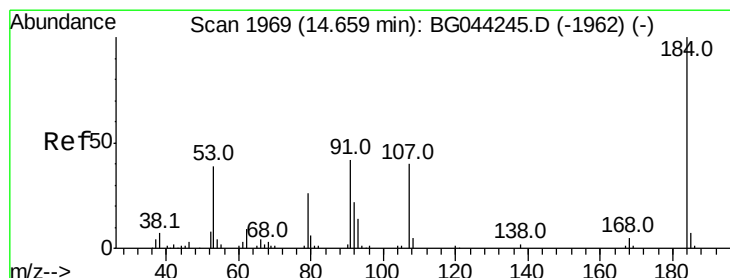
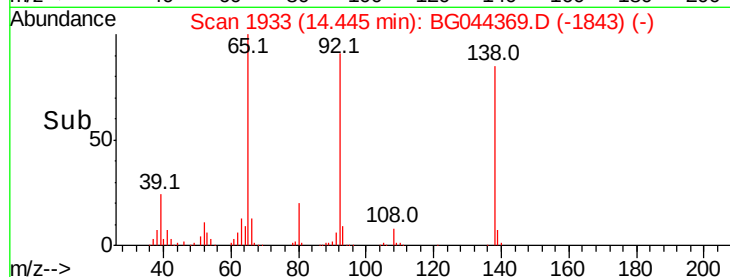
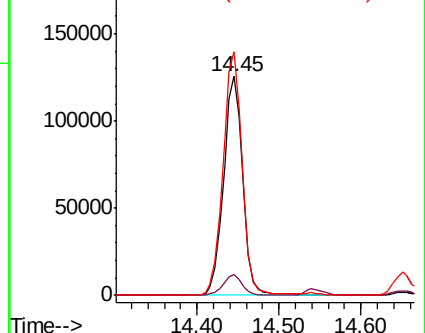
92 111.2 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 40.051 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

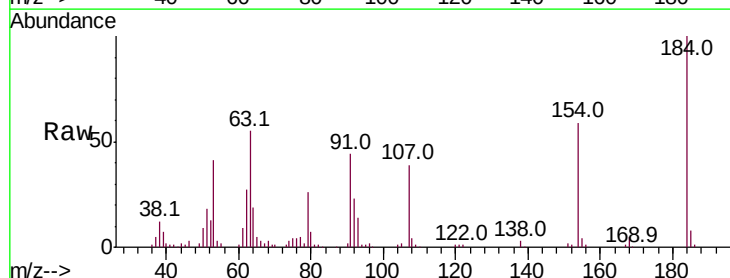
Tgt Ion:184 Resp: 93725

Ion Ratio Lower Upper

184 100

63 54.8 44.1 66.1

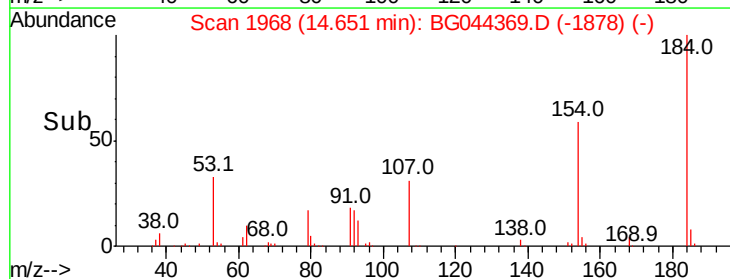
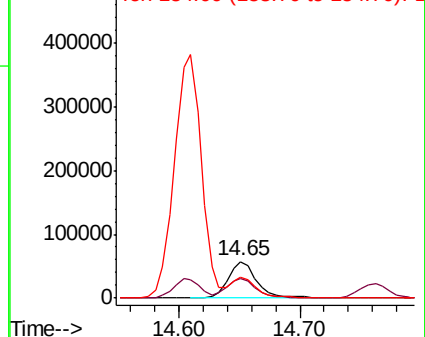
154 58.8 45.4 68.0

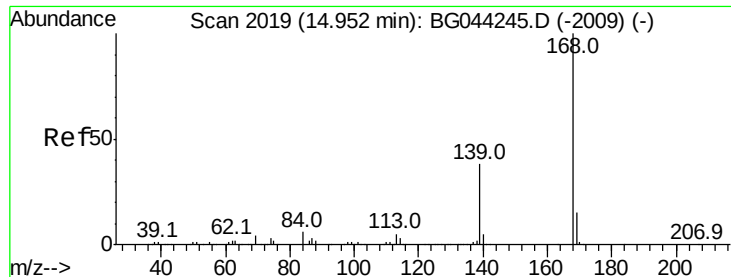


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

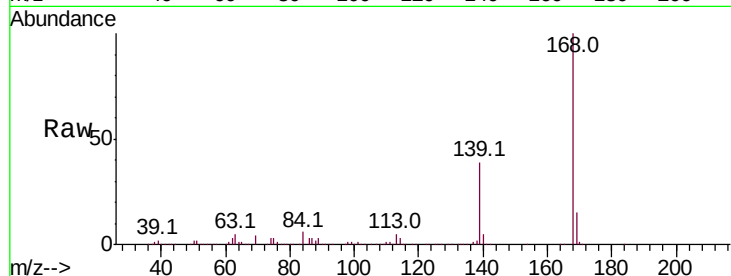




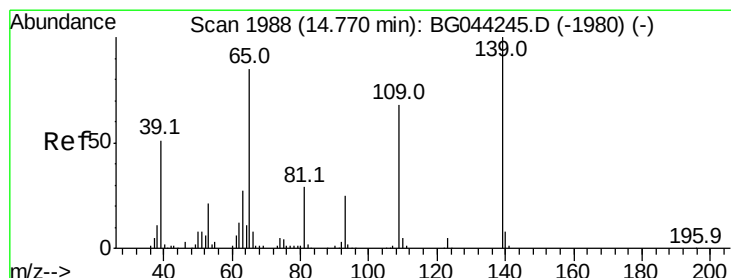
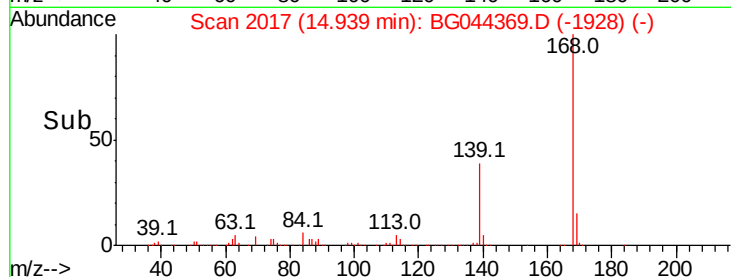
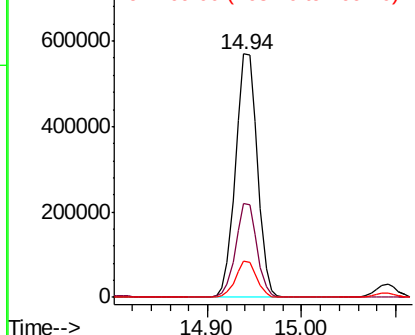
#55
Dibenzenofuran
Concen: 40.360 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 918132
Ion Ratio Lower Upper
168 100
139 38.8 30.5 45.7
169 15.0 11.7 17.5

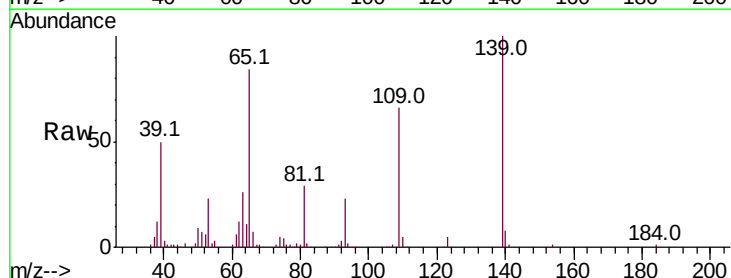


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

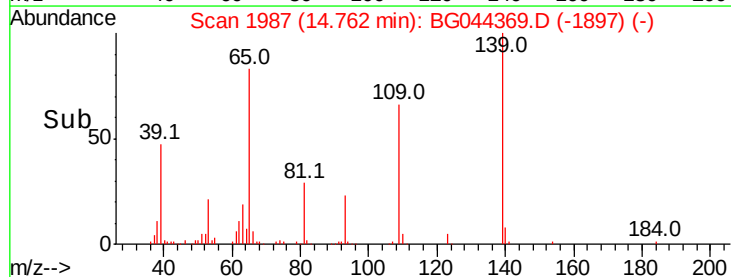
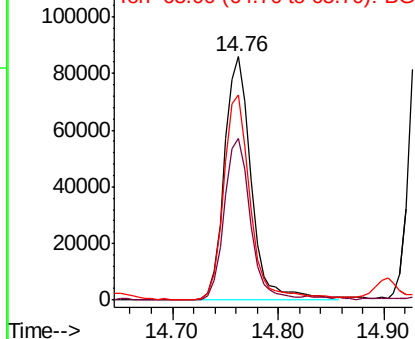


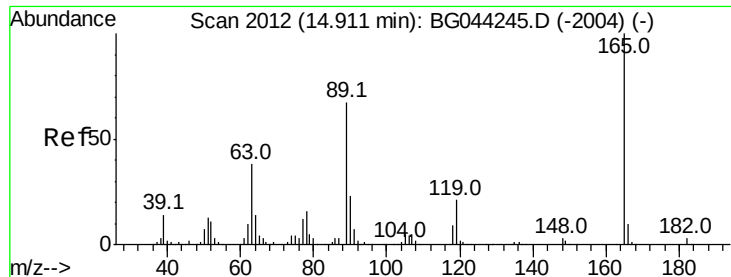
#56
4-Nitrophenol
Concen: 42.283 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Tgt Ion:139 Resp: 151221
Ion Ratio Lower Upper
139 100
109 66.3 47.5 87.5
65 84.0 64.9 104.9



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

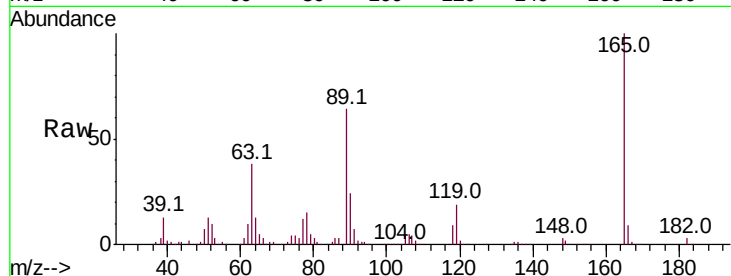




#57
2,4-Dinitrotoluene
Concen: 41.643 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.6	30.3	45.5
89	64.3	53.4	80.2
182	2.7	2.1	3.1



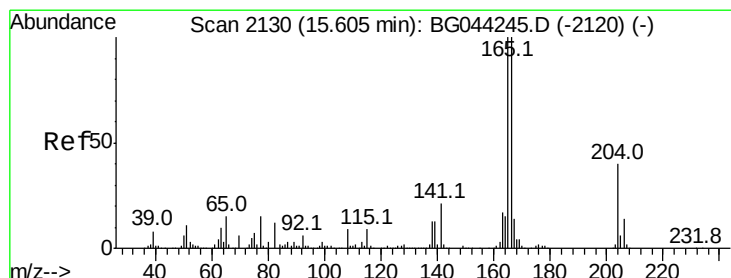
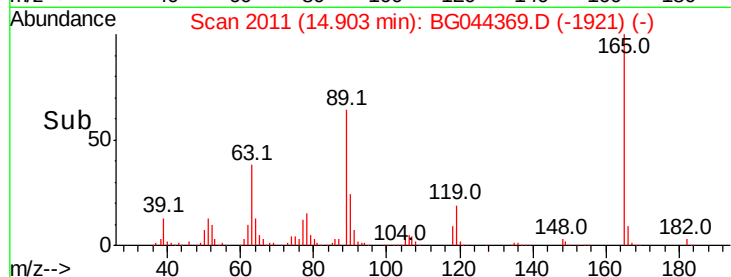
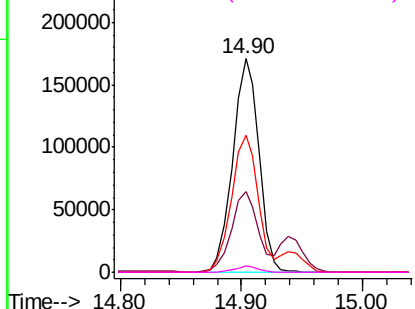
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

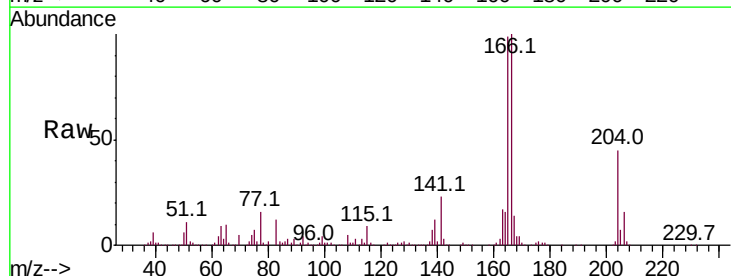
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.879 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.9	119.9
167	14.3	11.4	17.0

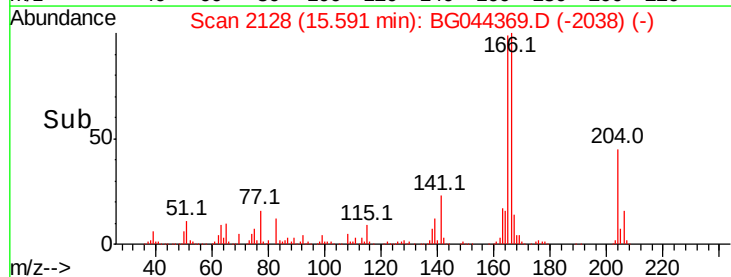
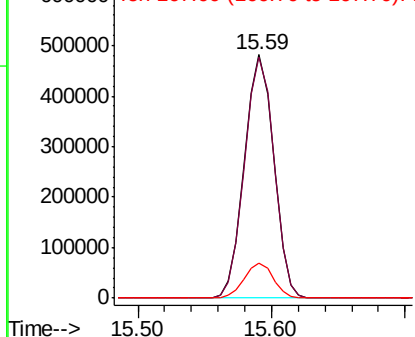


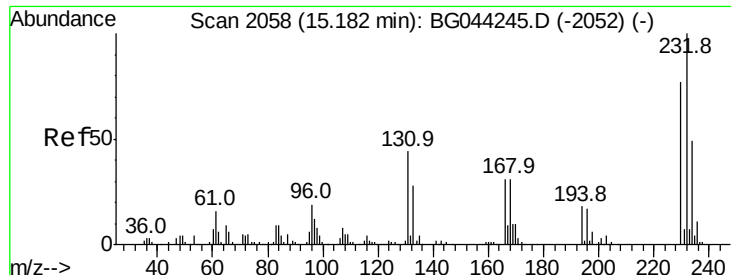
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

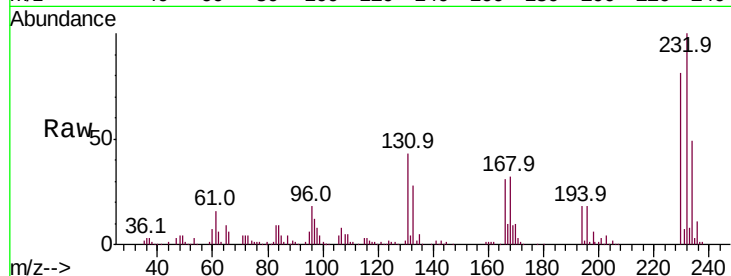




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.861 ng
 RT: 15.17 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BG044369.D
 Acq: 11 Feb 2020 00:35

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	205609
Ion	Ratio	Lower	Upper
232	100		
131	41.8	34.2	51.4
130	2.5	1.8	2.8
166	30.9	23.8	35.8



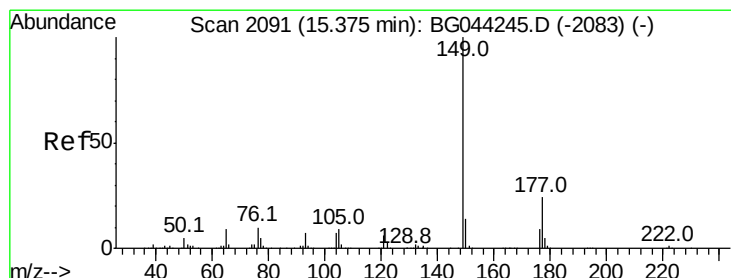
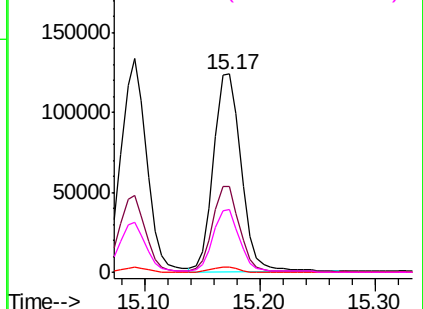
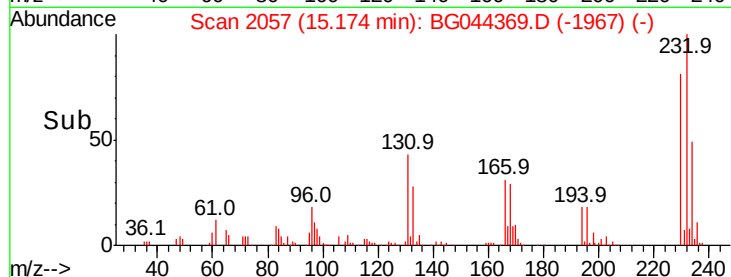
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

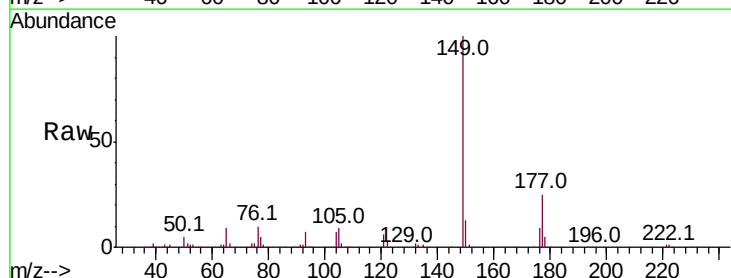
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.364 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: BG044369.D
 Acq: 11 Feb 2020 00:35

Tgt Ion:	149	Resp:	815773
Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.4	29.0
150	13.1	10.9	16.3

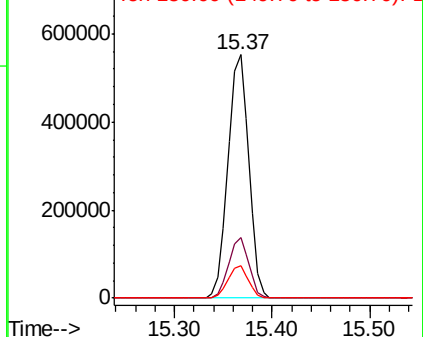
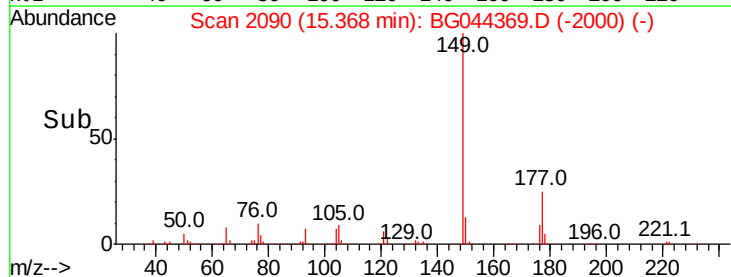


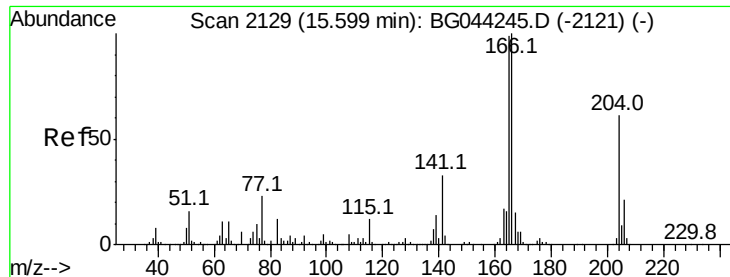
Abundance

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

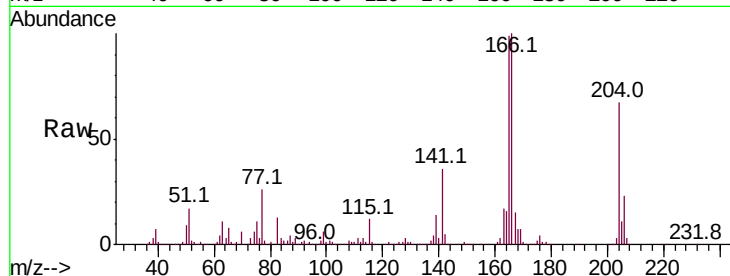




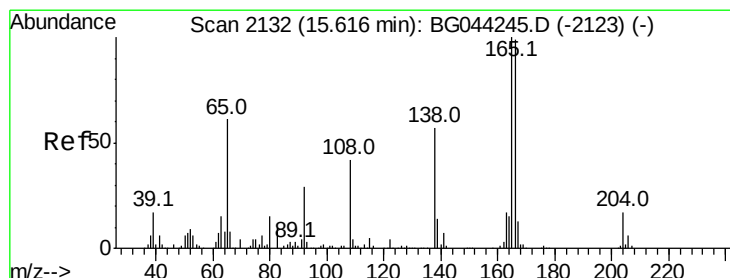
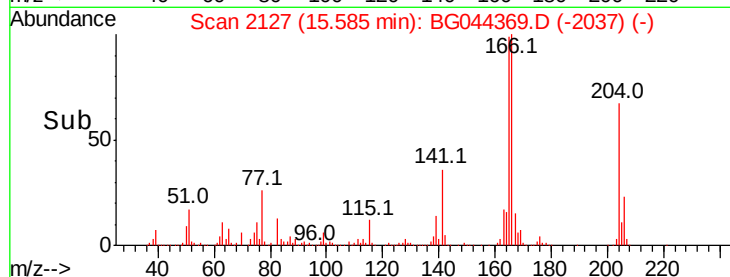
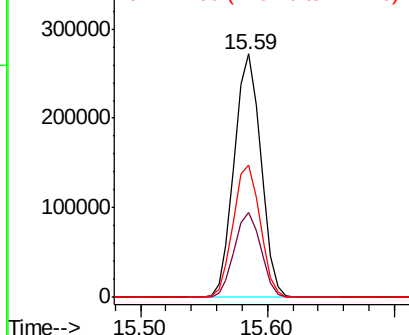
#61
4-Chlorophenyl-phenylether
Concen: 40.735 ng
RT: 15.59 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 395740
Ion Ratio Lower Upper
204 100
206 34.7 27.6 41.4
141 54.5 43.4 65.0

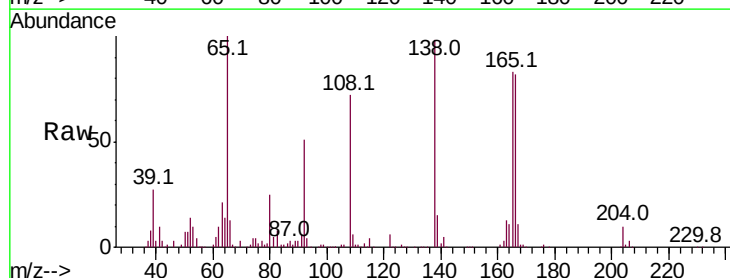


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

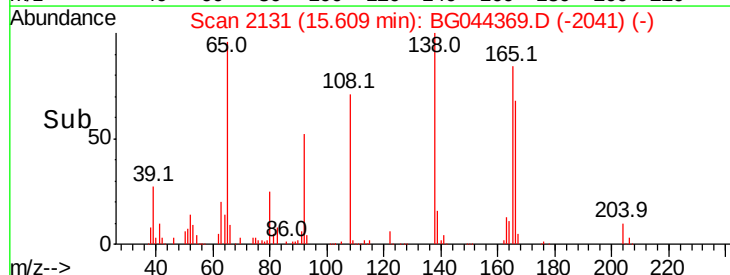
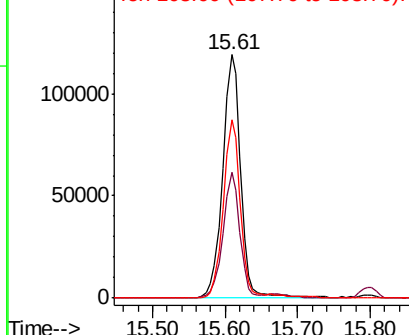


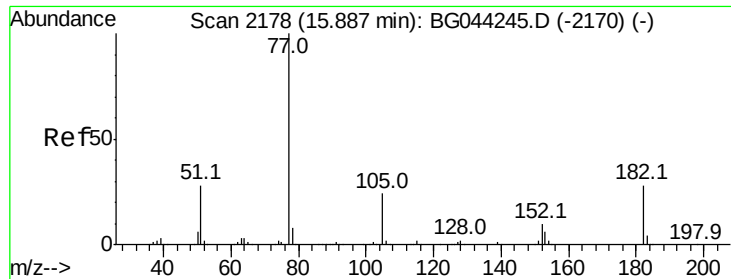
#62
4-Nitroaniline
Concen: 42.471 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Tgt Ion:138 Resp: 207202
Ion Ratio Lower Upper
138 100
92 51.7 31.3 71.3
108 73.0 52.6 92.6



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

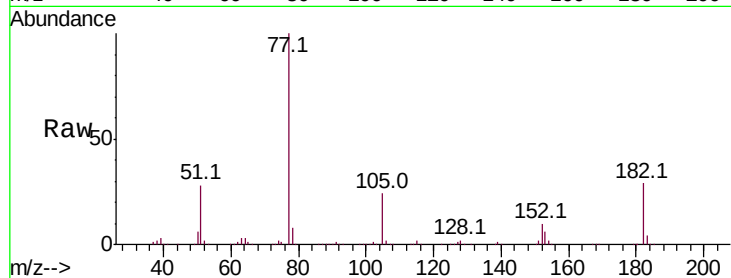




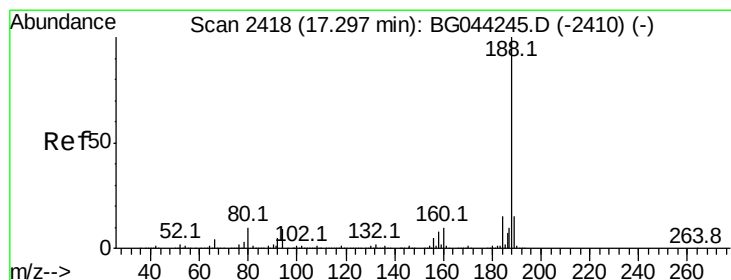
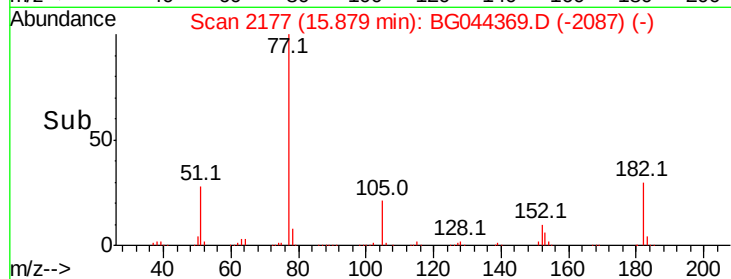
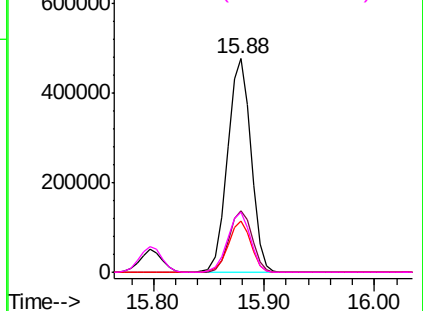
#63
Azobenzene
Concen: 40.971 ng
RT: 15.88 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	77	Resp:	708171
Ion	Ratio	Lower	Upper
77	100		
182	29.1	8.2	48.2
105	23.8	3.6	43.6
51	28.2	8.3	48.3

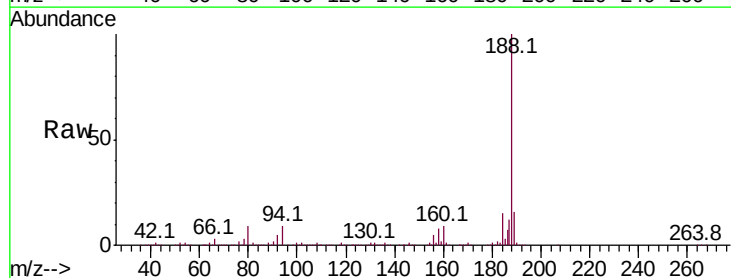


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

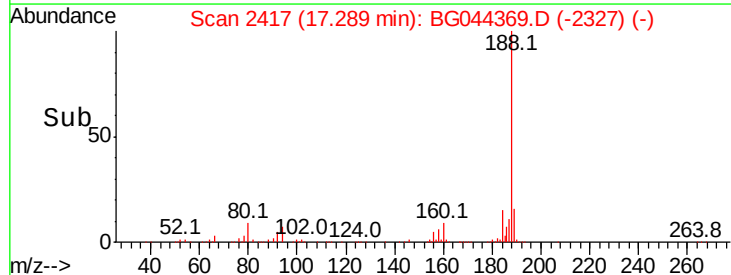
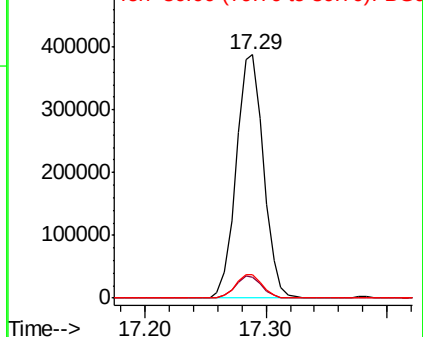


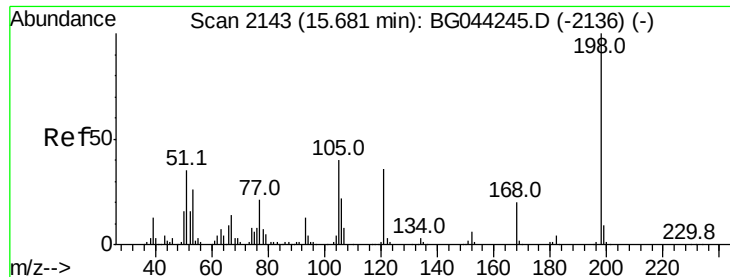
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Tgt Ion:	188	Resp:	609909
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.2
80	9.4	7.7	11.5



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

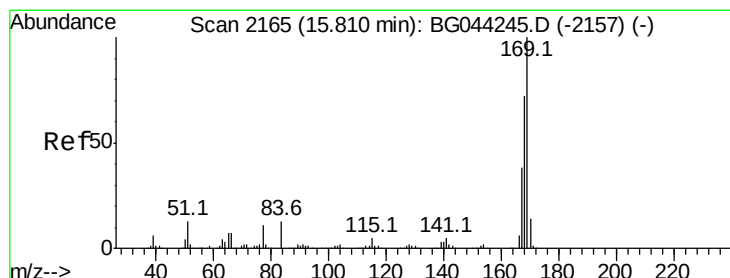
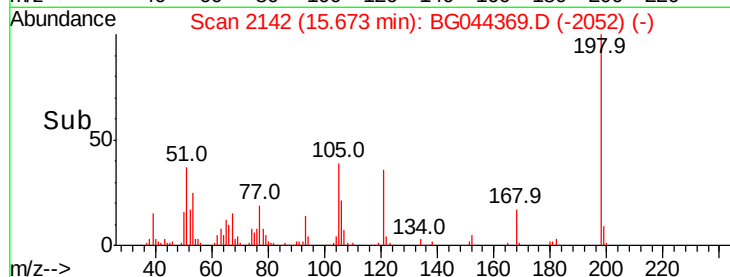
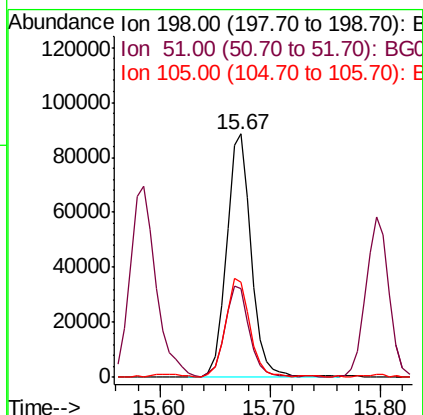
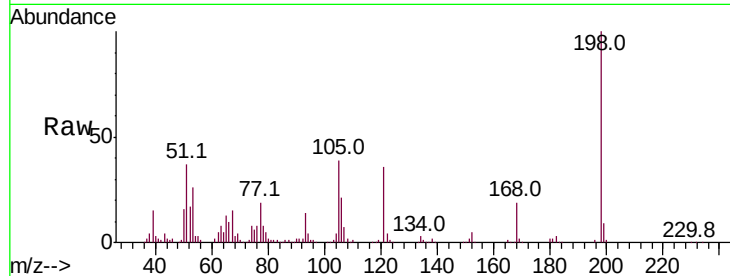




#65
4,6-Dinitro-2-methylphenol
Concen: 40.935 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

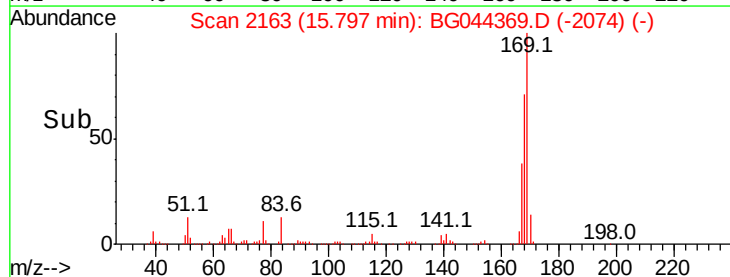
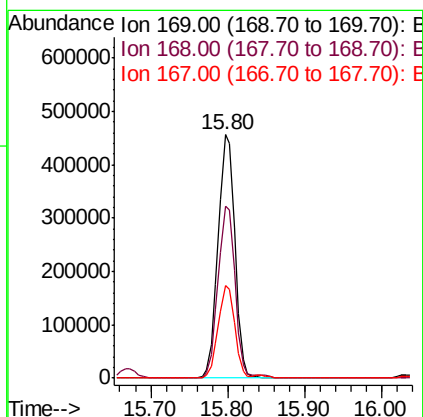
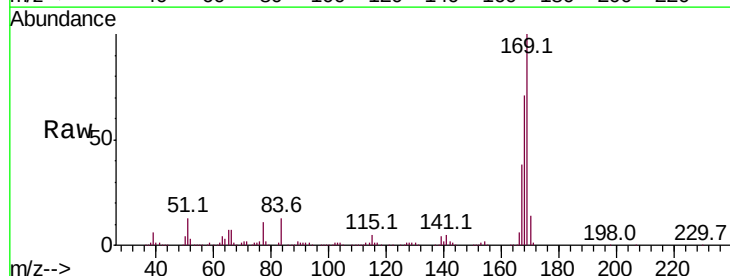
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

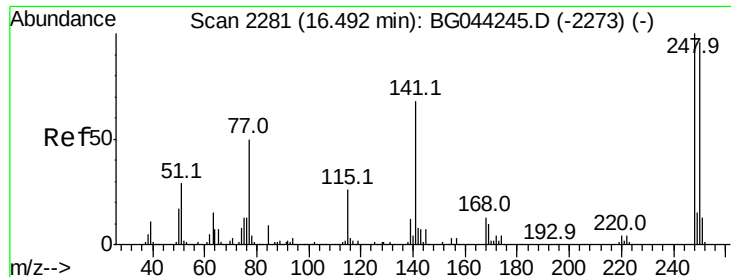
Tot Ion	Ratio	Lower	Upper
198	100		
51	36.6	16.6	56.6
105	38.9	20.6	60.6



#66
n-Nitrosodiphenylamine
Concen: 40.133 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.5	57.9	86.9
167	38.2	30.7	46.1

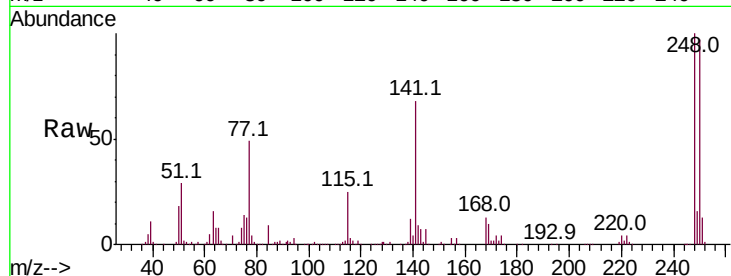




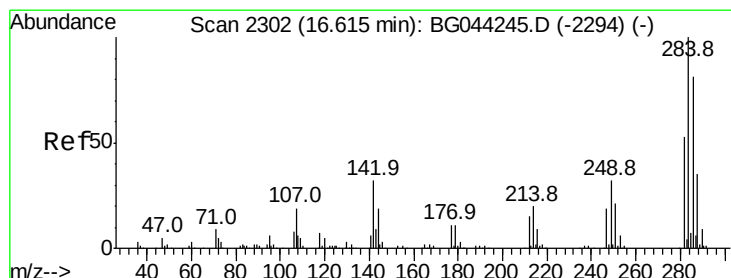
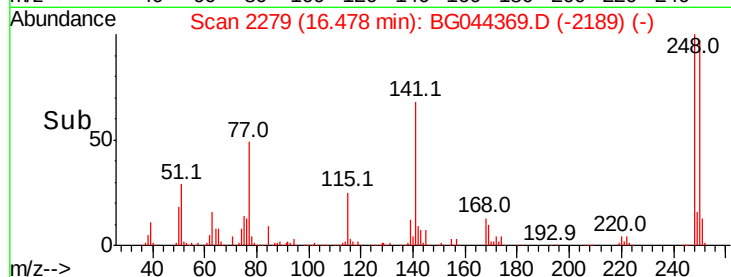
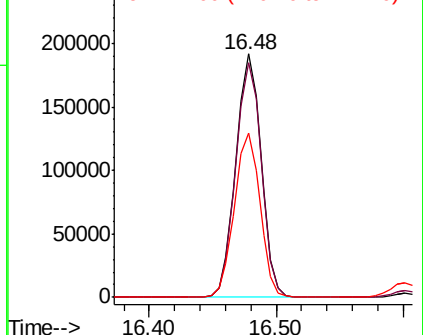
#67
 4-Bromophenyl-phenylether
 Concen: 39.952 ng
 RT: 16.48 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BG044369.D
 Acq: 11 Feb 2020 00:35

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:248 Resp: 265474
 Ion Ratio Lower Upper
 248 100
 250 96.6 76.6 114.8
 141 67.6 54.7 82.1

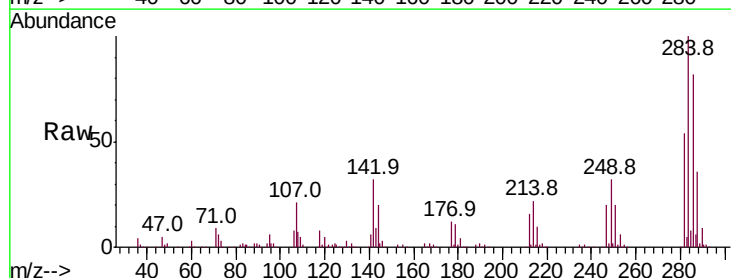


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

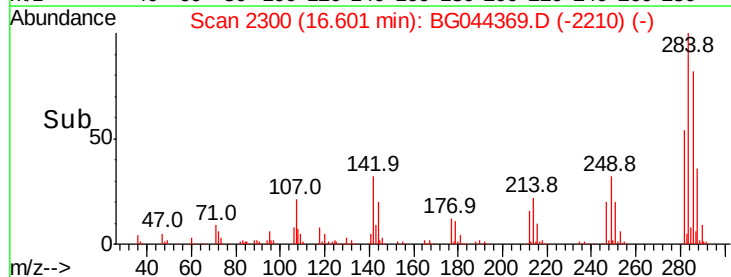
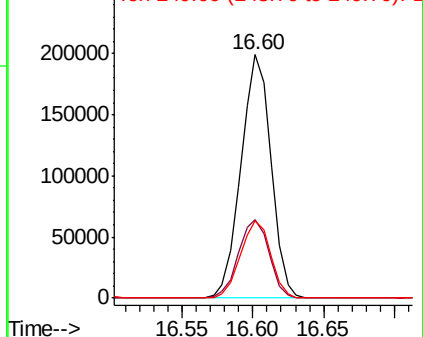


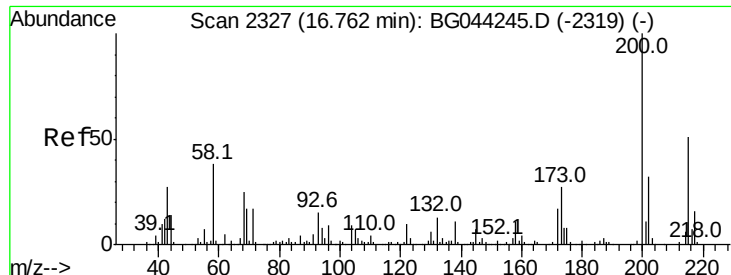
#68
 Hexachlorobenzene
 Concen: 39.834 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG044369.D
 Acq: 11 Feb 2020 00:35

Tgt Ion:284 Resp: 296542
 Ion Ratio Lower Upper
 284 100
 142 32.4 25.3 37.9
 249 31.7 25.5 38.3



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: 39.201 ng

RT: 16.75 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

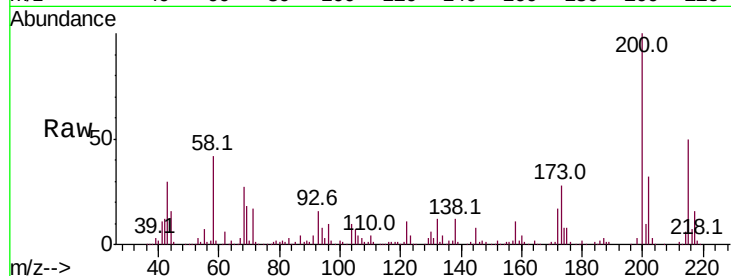
Tot Ion:200 Resp: 229659

Ion Ratio Lower Upper

200 100

173 27.5 6.6 46.6

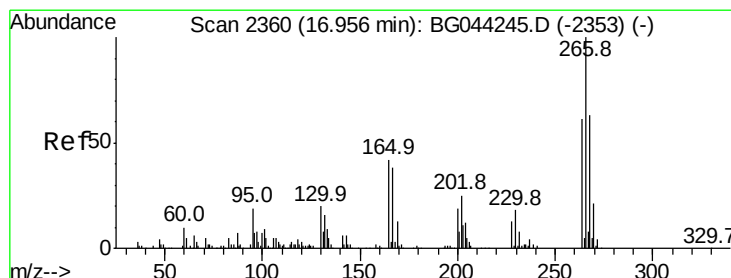
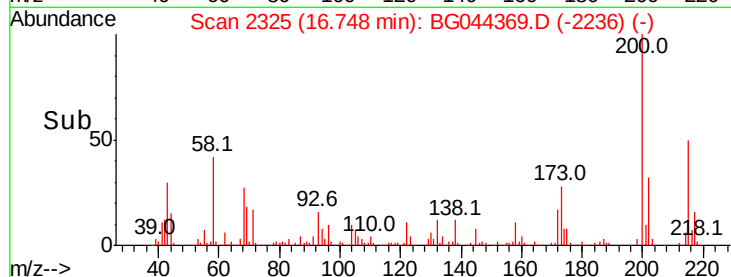
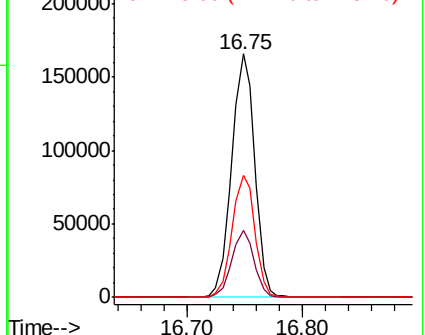
215 50.0 31.0 71.0



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: 40.817 ng

RT: 16.94 min Scan# 2358

Delta R.T. -0.01 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

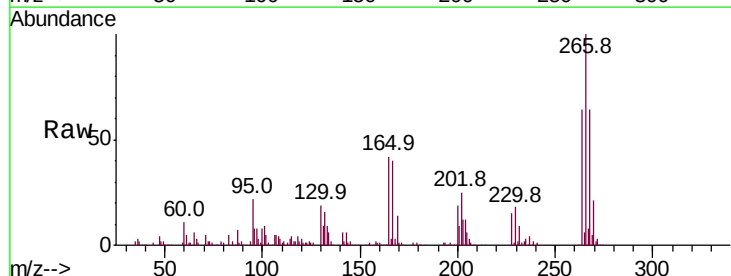
Tgt Ion:266 Resp: 147628

Ion Ratio Lower Upper

266 100

268 64.1 50.6 75.8

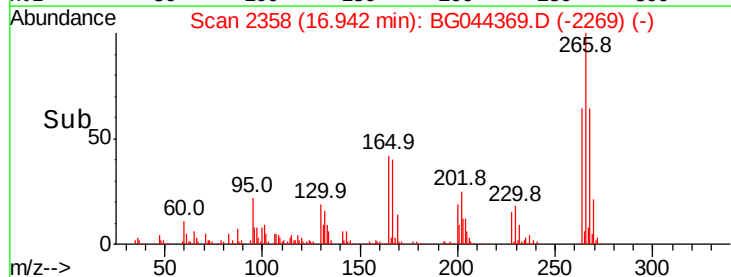
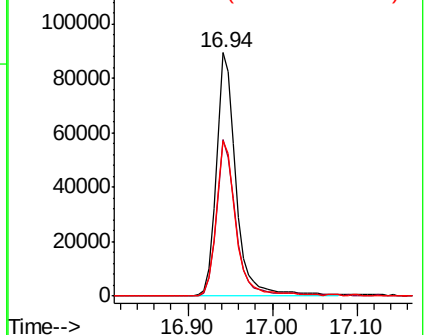
264 64.0 48.7 73.1

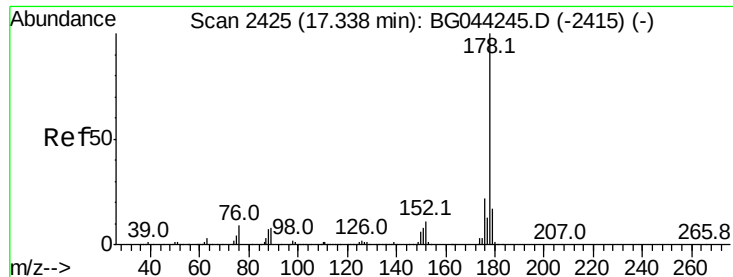


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.989 ng

RT: 17.33 min Scan# 2424

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

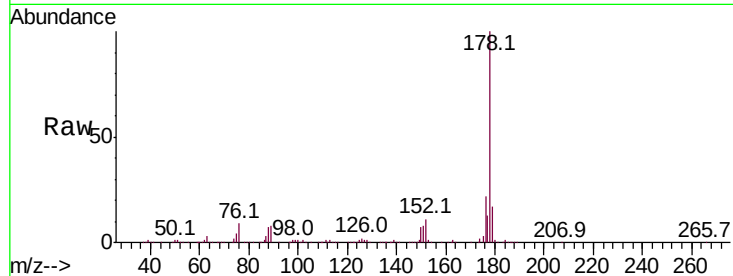
Tot Ion:178 Resp: 1181022

Ion Ratio Lower Upper

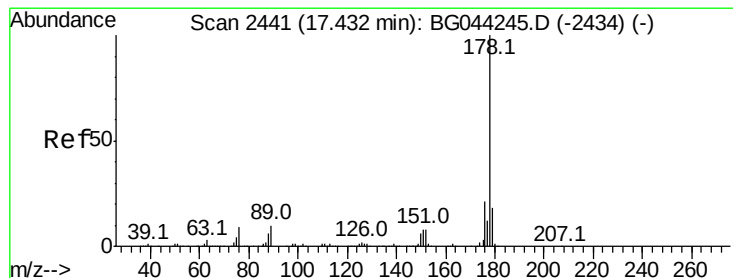
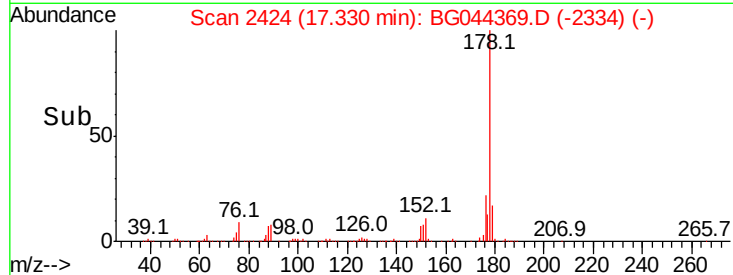
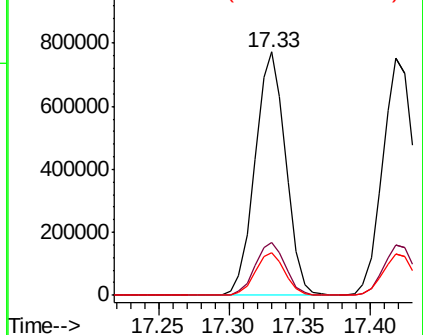
178 100

176 21.8 17.7 26.5

179 17.4 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.118 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

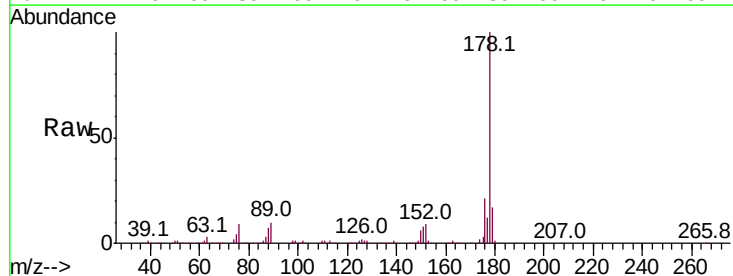
Tgt Ion:178 Resp: 1171420

Ion Ratio Lower Upper

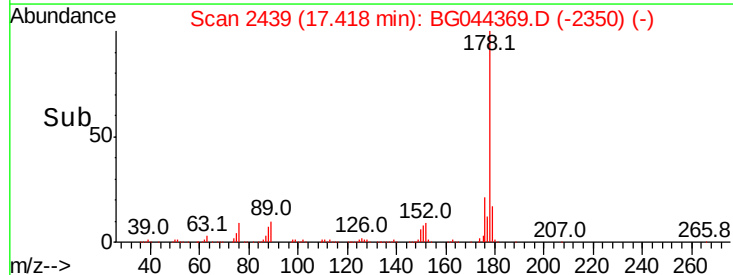
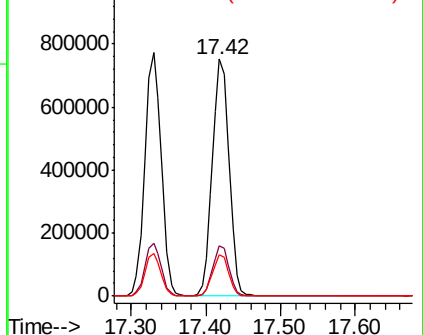
178 100

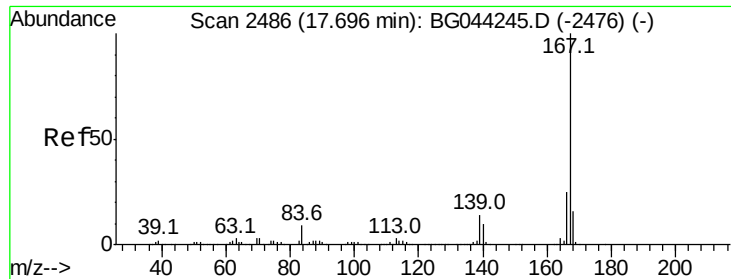
176 21.3 17.0 25.4

179 17.4 14.4 21.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

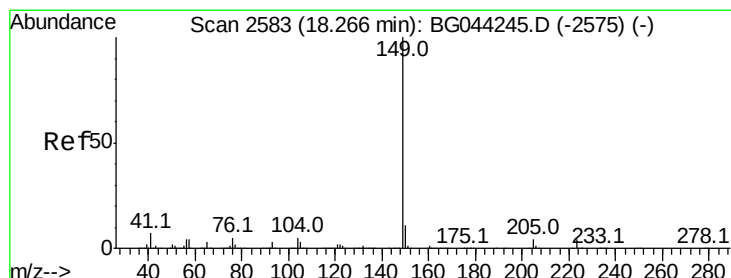
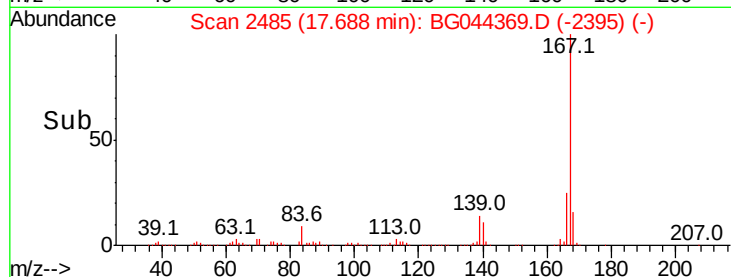
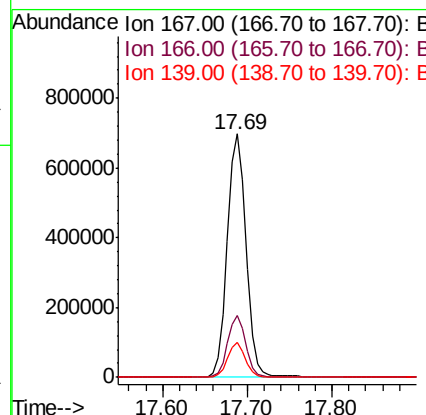
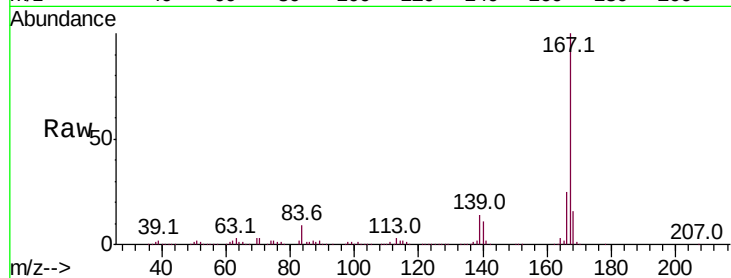




#73
 Carbazole
 Concen: 40.089 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG044369.D
 Acq: 11 Feb 2020 00:35

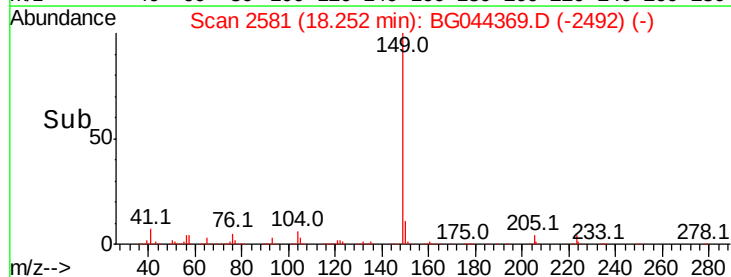
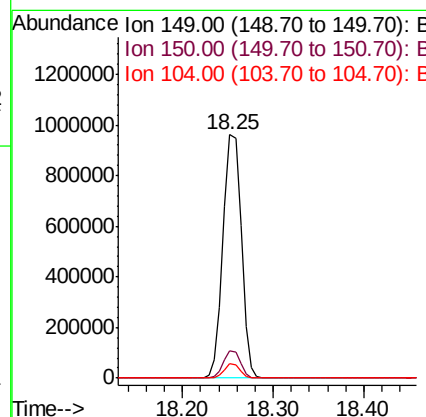
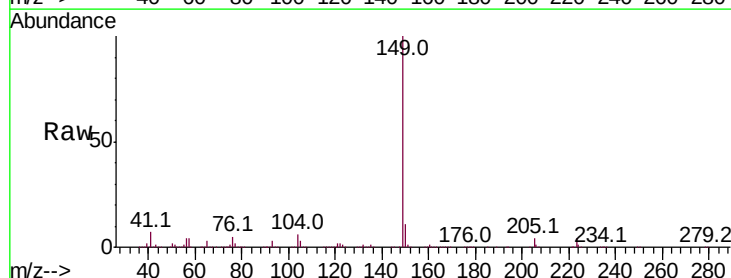
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

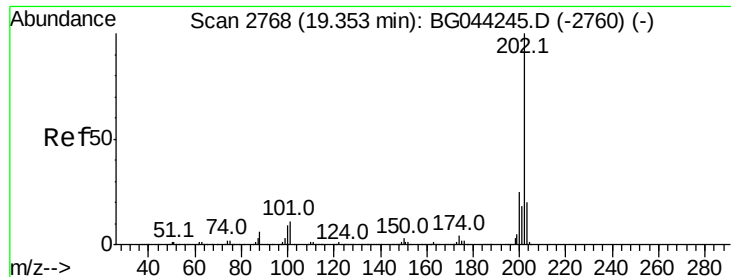
Tot Ion:167 Resp: 1079129
 Ion Ratio Lower Upper
 167 100
 166 25.4 19.8 29.6
 139 14.2 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 40.512 ng
 RT: 18.25 min Scan# 2581
 Delta R.T. -0.01 min
 Lab File: BG044369.D
 Acq: 11 Feb 2020 00:35

Tgt Ion:149 Resp: 1347608
 Ion Ratio Lower Upper
 149 100
 150 11.1 8.7 13.1
 104 5.7 4.3 6.5





#75

Fluoranthene

Concen: 39.889 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

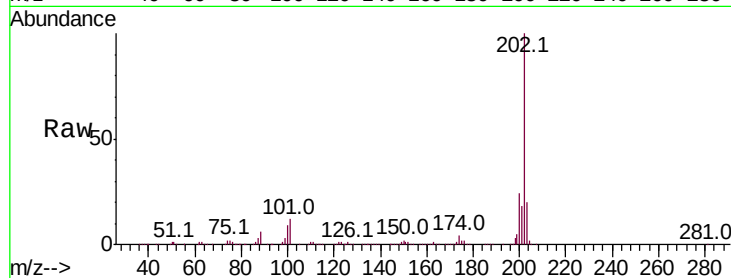
Tot Ion:202 Resp: 1362823

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.3

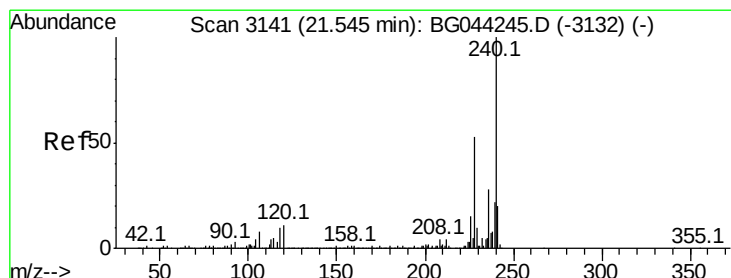
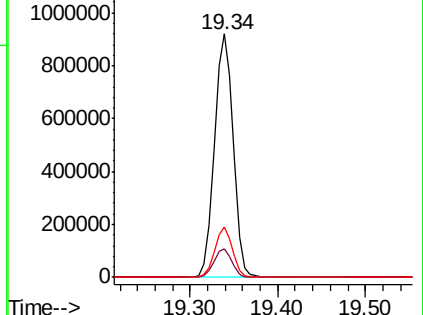
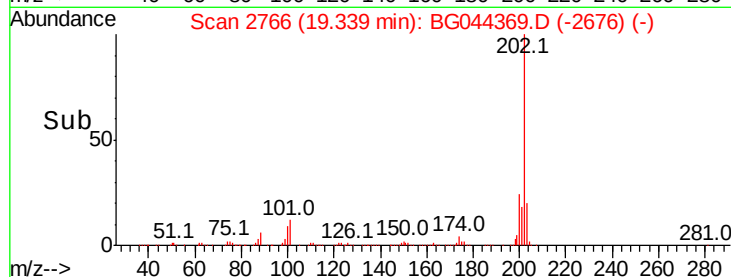
203 20.4 0.0 39.9



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: 21.54 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

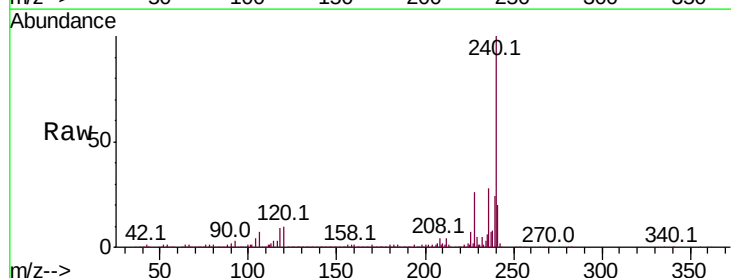
Tgt Ion:240 Resp: 522341

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

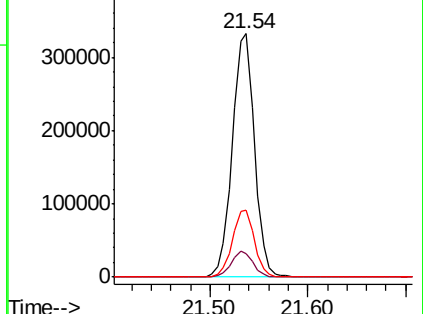
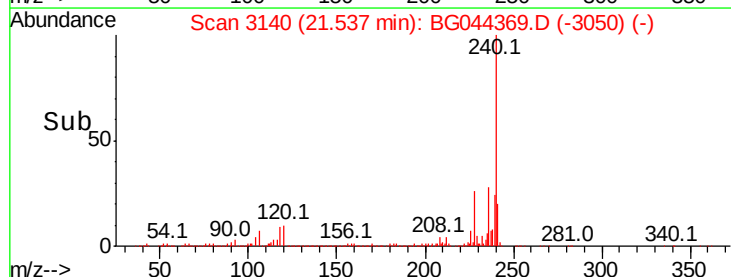
236 27.8 22.1 33.1

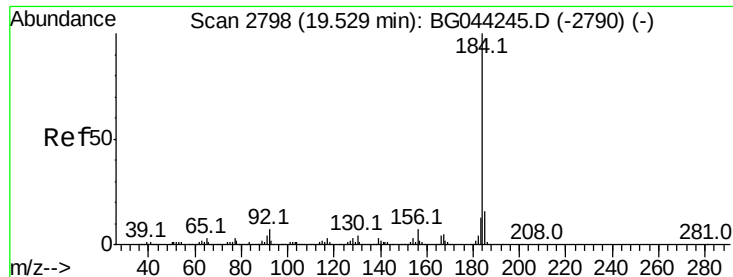


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

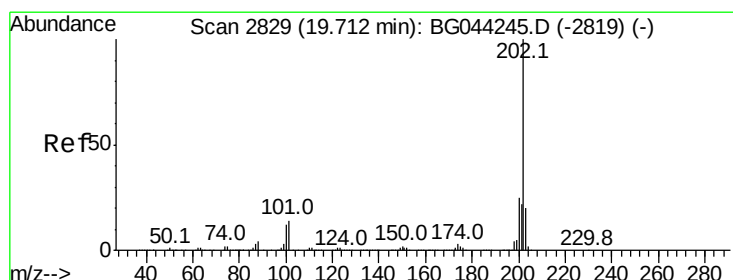
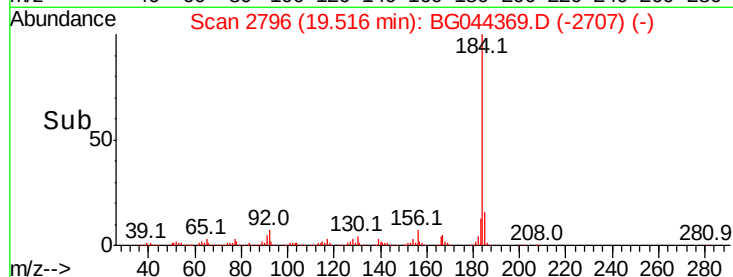
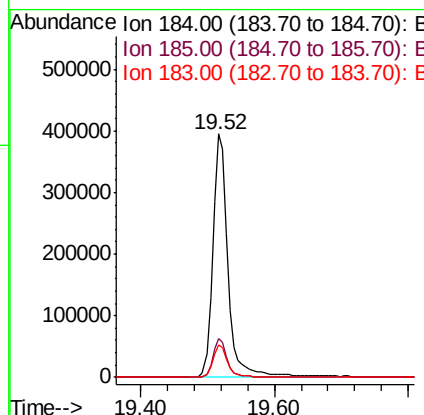
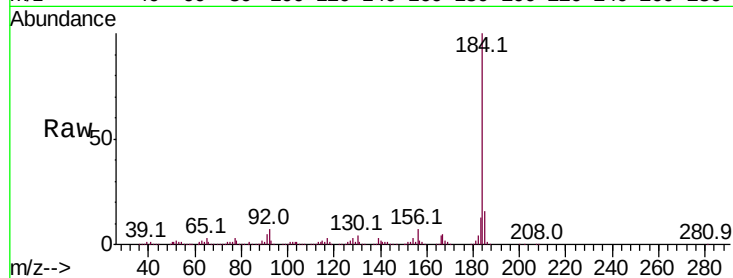




#77
Benzidine
Concen: 43.547 ng
RT: 19.52 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

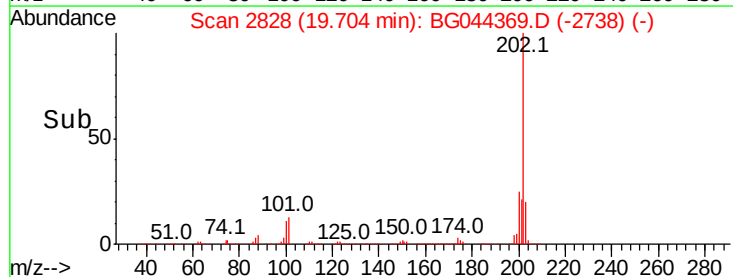
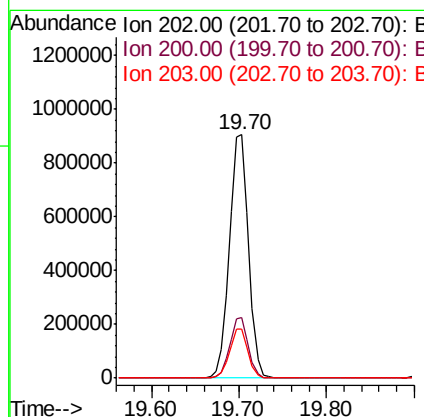
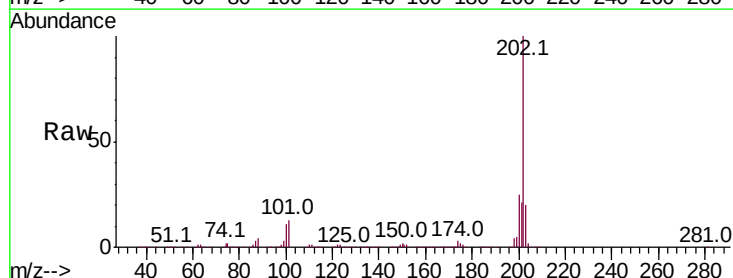
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

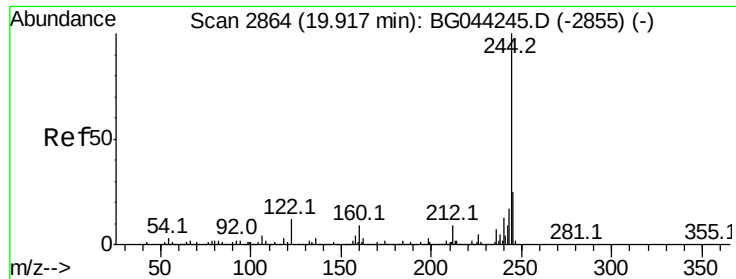
Tot Ion:184 Resp: 630927
Ion Ratio Lower Upper
184 100
185 16.1 12.9 19.3
183 13.3 10.8 16.2



#78
Pyrene
Concen: 40.350 ng
RT: 19.70 min Scan# 2828
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Tgt Ion:202 Resp: 1353538
Ion Ratio Lower Upper
202 100
200 25.1 20.0 30.0
203 20.2 16.2 24.2





#79

Terphenyl-d14

Concen: 74.484 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

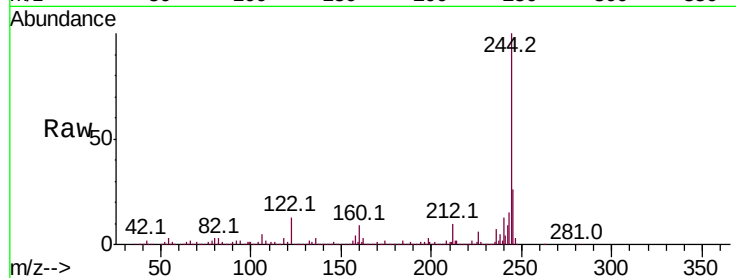
Tot Ion:244 Resp: 1891507

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.4	11.2
122	12.6	9.8	14.6

244 100

212 9.7 7.4 11.2

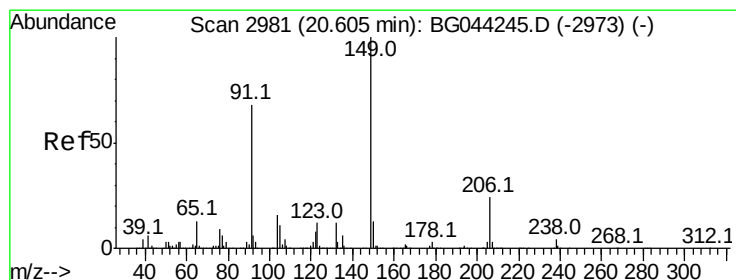
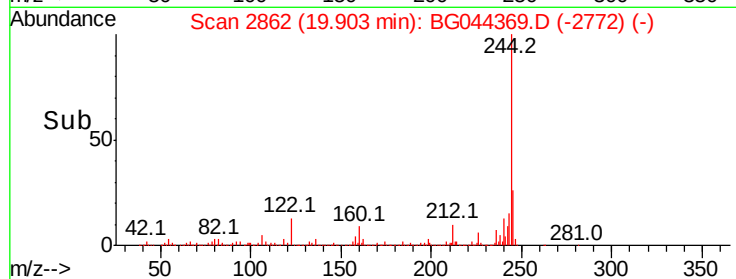
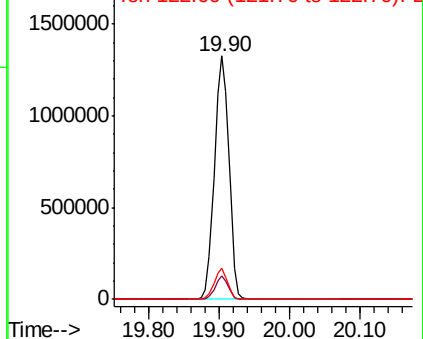
122 12.6 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.343 ng

RT: 20.59 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

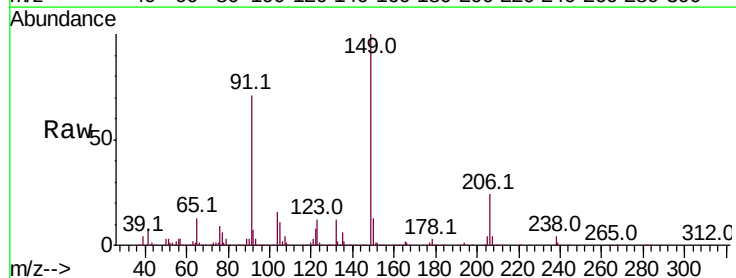
Tgt Ion:149 Resp: 616714

Ion	Ratio	Lower	Upper
149	100		
91	71.0	54.5	81.7
206	24.1	19.1	28.7

149 100

91 71.0 54.5 81.7

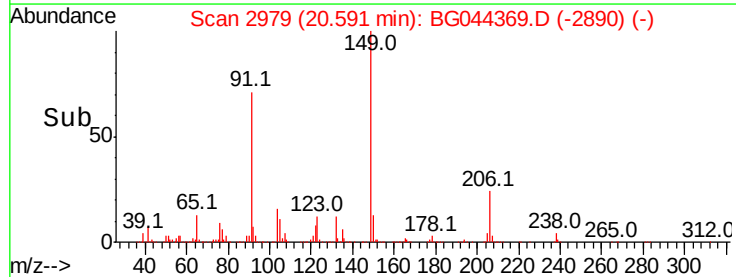
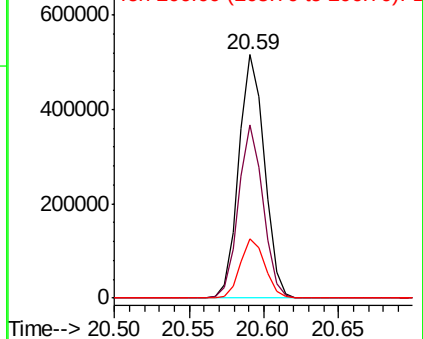
206 24.1 19.1 28.7

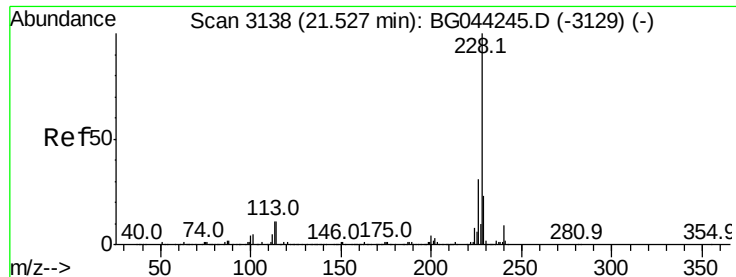


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.799 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

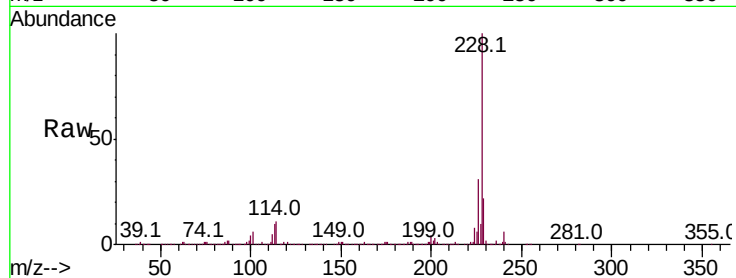
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1313413

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.7	37.1
229	22.2	18.2	27.4

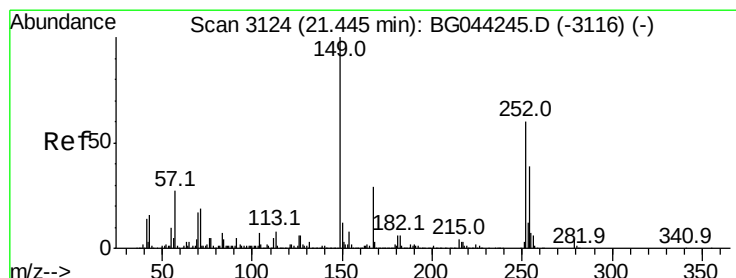
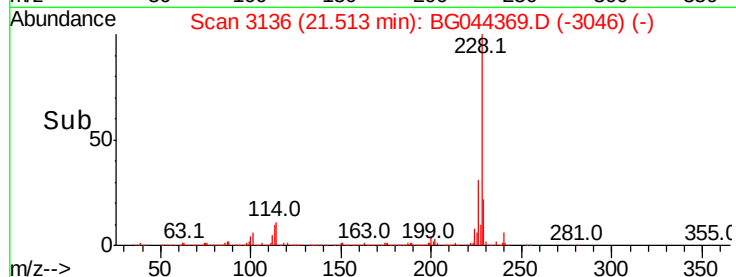
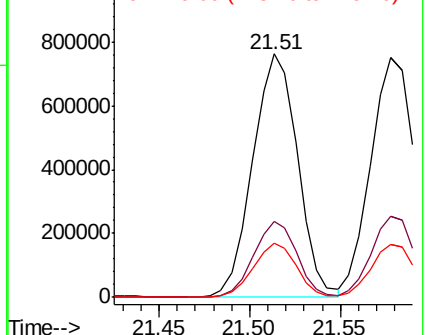


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.061 ng

RT: 21.43 min Scan# 3122

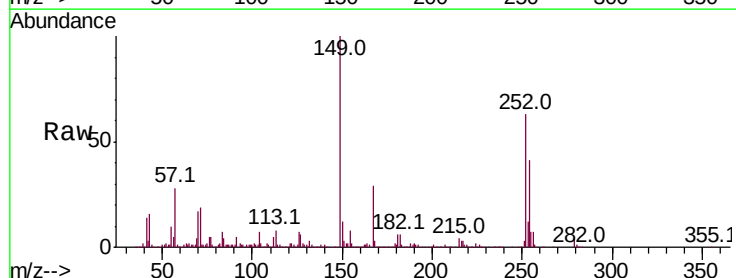
Delta R.T. -0.01 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Tgt Ion:252 Resp: 525522

Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.6	78.8
126	10.5	8.2	12.4

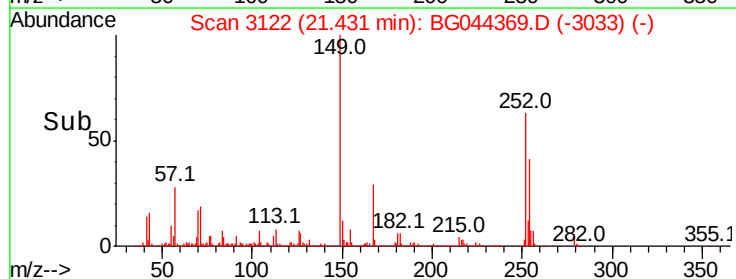
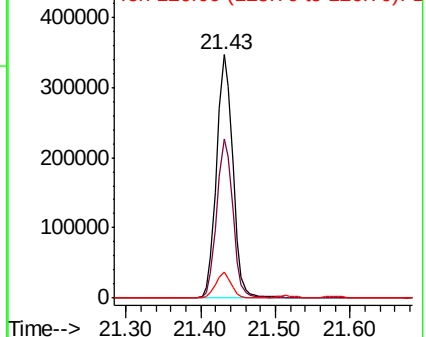


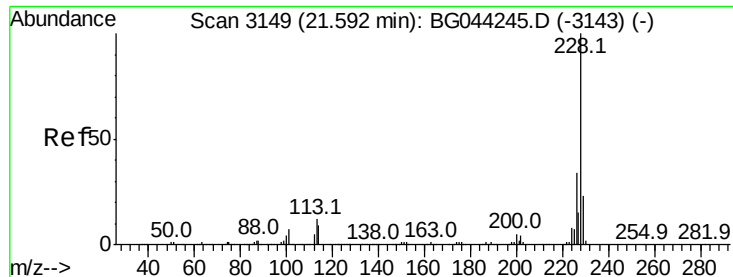
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.701 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

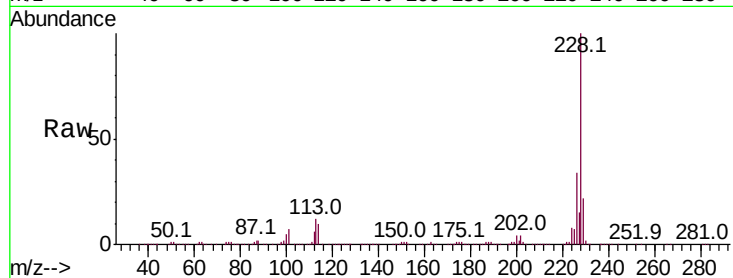
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1266479

Ion	Ratio	Lower	Upper
228	100		
226	33.7	27.1	40.7
229	22.2	17.9	26.9

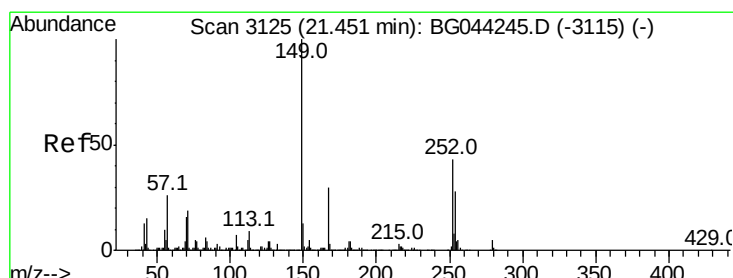
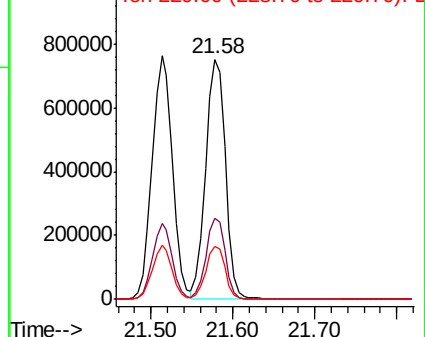
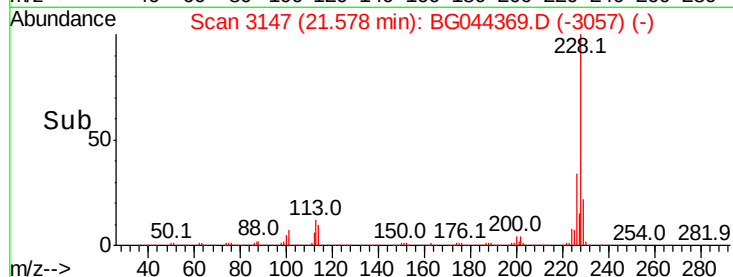


Abundance

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: 40.085 ng

RT: 21.44 min Scan# 3123

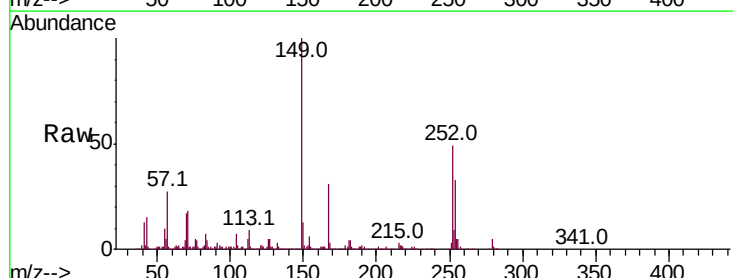
Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Tgt Ion:149 Resp: 843436

Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.0	36.0
279	4.9	3.8	5.8

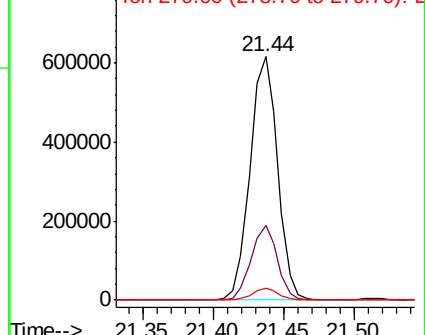
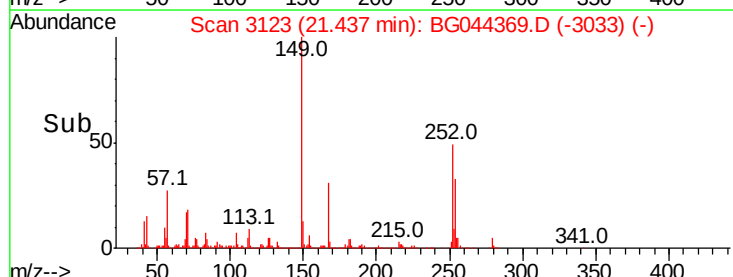


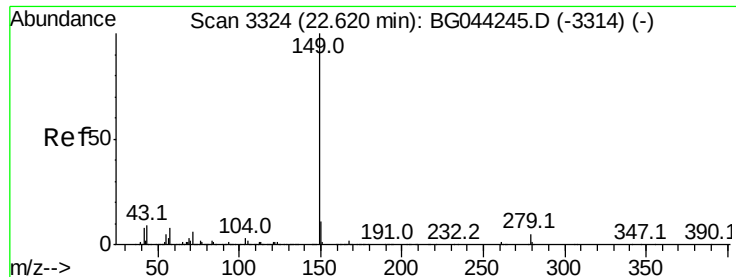
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

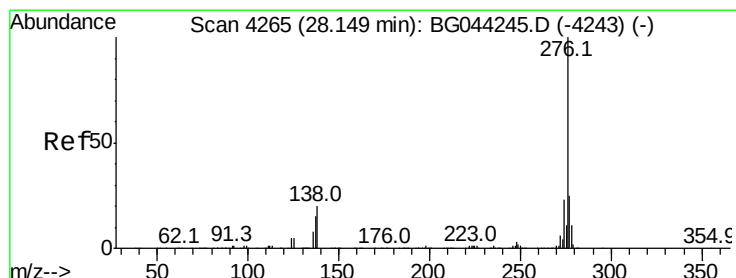
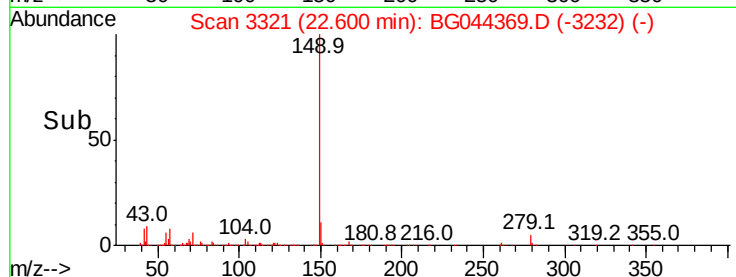
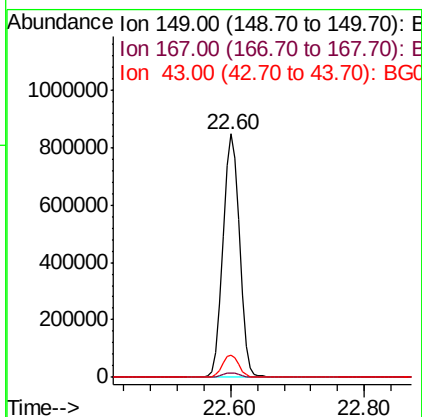
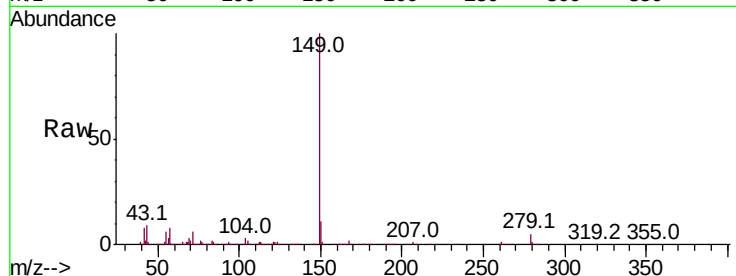




#85
Di-n-octyl phthalate
Concen: 40.851 ng
RT: 22.60 min Scan# 3321
Delta R.T. -0.01 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

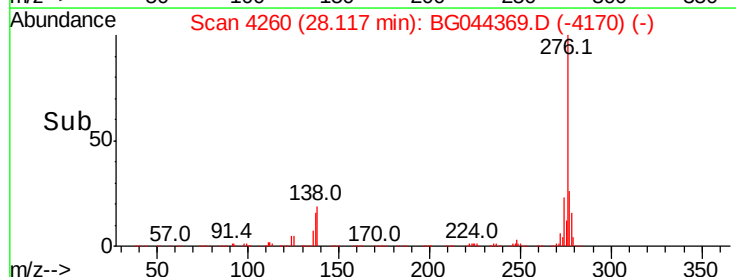
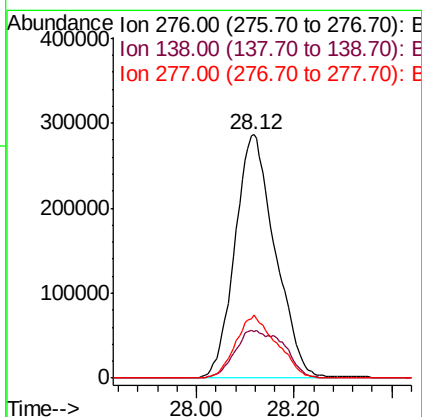
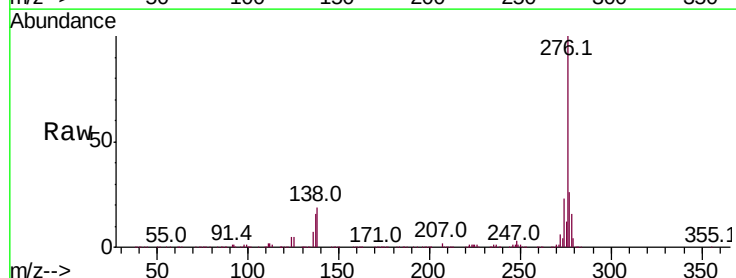
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

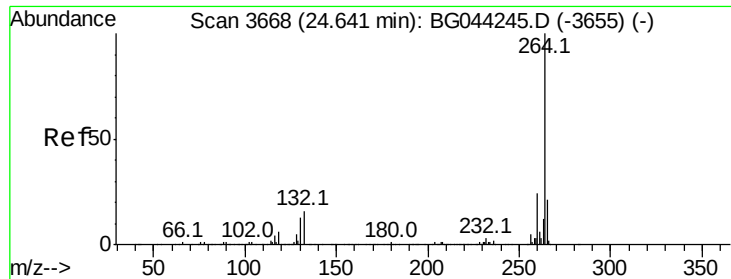
Tot Ion:149 Resp: 1487222
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 9.1 7.4 11.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.344 ng
RT: 28.12 min Scan# 4260
Delta R.T. 0.00 min
Lab File: BG044369.D
Acq: 11 Feb 2020 00:35

Tgt Ion:276 Resp: 1637842
Ion Ratio Lower Upper
276 100
138 24.0 19.4 29.0
277 26.2 21.0 31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.62 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

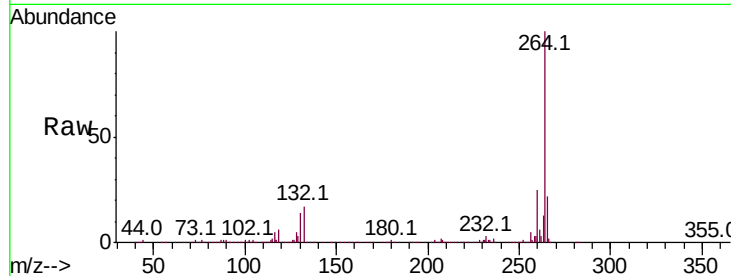
Tot Ion:264 Resp: 607195

Ion Ratio Lower Upper

264 100

260 25.4 19.4 29.2

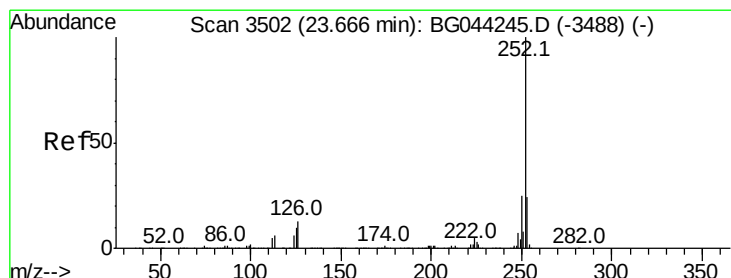
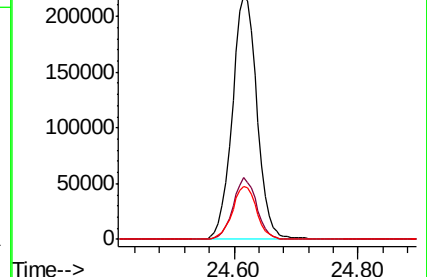
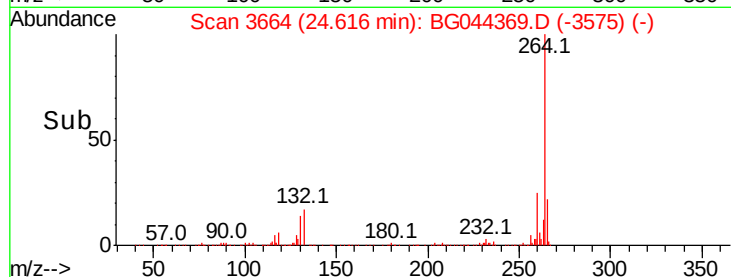
265 21.6 16.7 25.1



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: 40.236 ng

RT: 23.65 min Scan# 3499

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

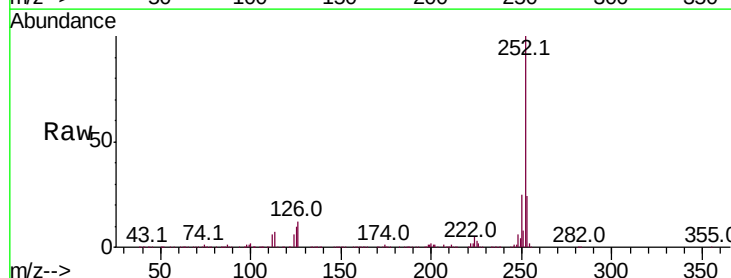
Tgt Ion:252 Resp: 1407791

Ion Ratio Lower Upper

252 100

253 24.1 19.2 28.8

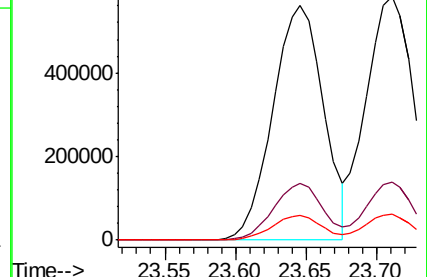
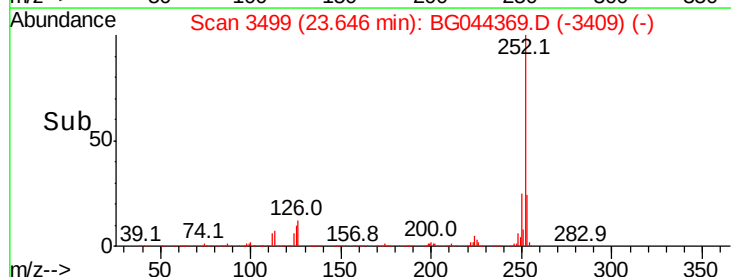
125 10.4 8.4 12.6

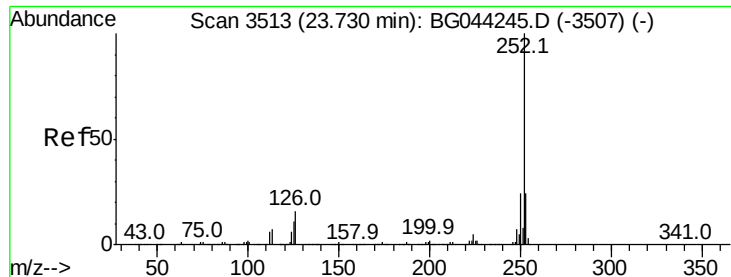


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.156 ng

RT: 23.71 min Scan# 3510

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

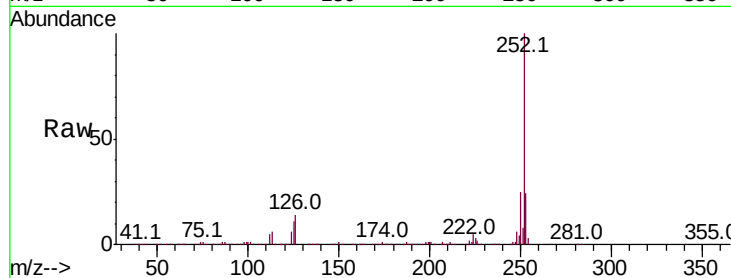
Tot Ion:252 Resp: 1369384

Ion Ratio Lower Upper

252 100

253 24.0 19.1 28.7

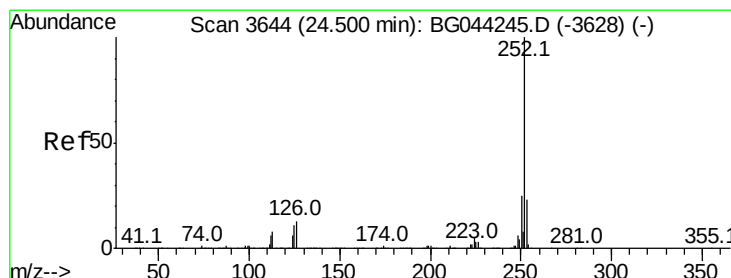
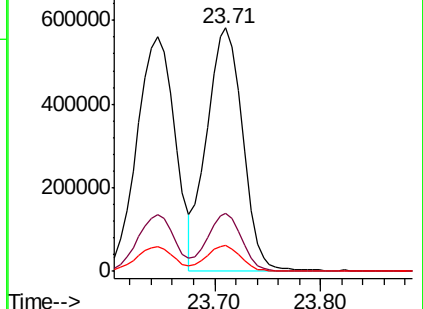
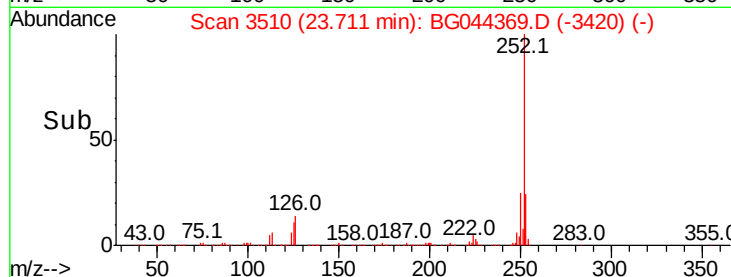
125 10.9 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.501 ng

RT: 24.47 min Scan# 3640

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

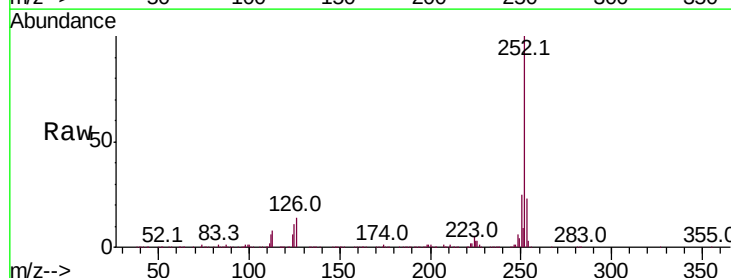
Tgt Ion:252 Resp: 1339815

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

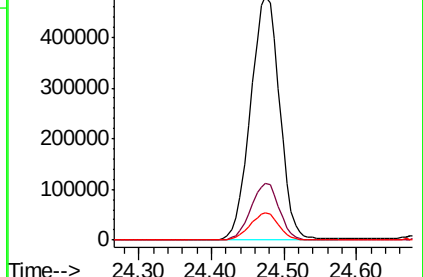
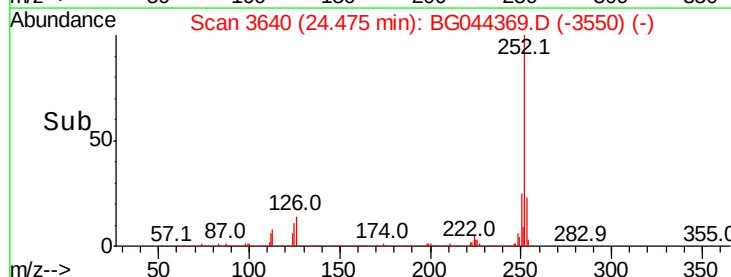
125 11.3 8.6 13.0

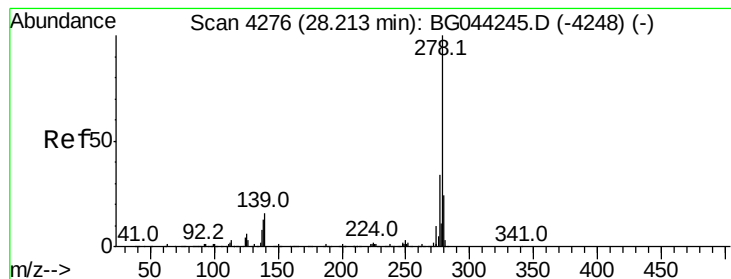


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.477 ng

RT: 28.18 min Scan# 4270

Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Instrument :

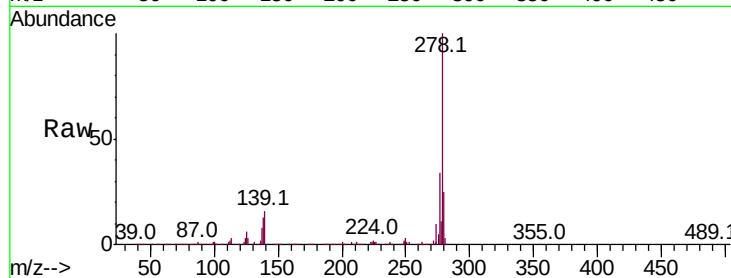
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1325198

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	24.6	19.3	28.9

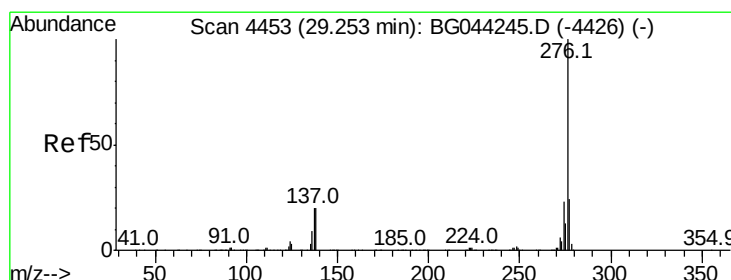
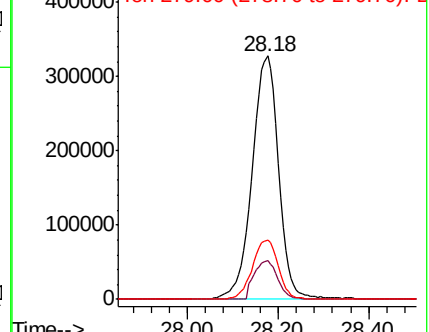
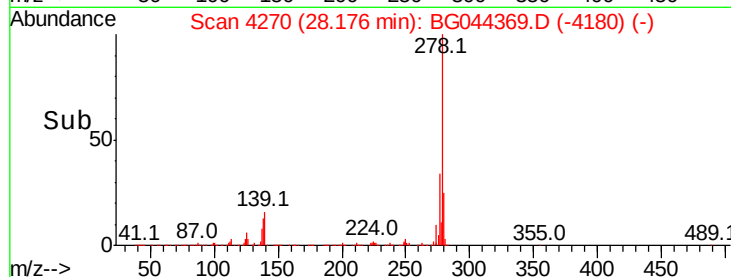


Abundance

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: 40.599 ng

RT: 29.20 min Scan# 4445

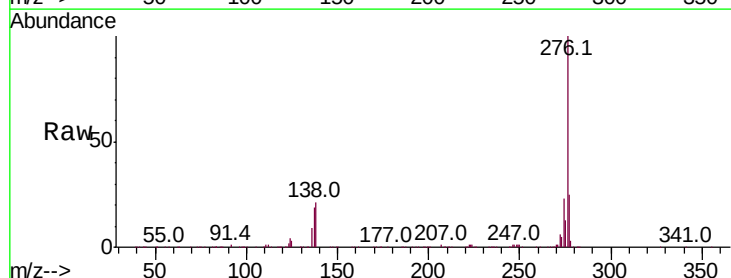
Delta R.T. 0.00 min

Lab File: BG044369.D

Acq: 11 Feb 2020 00:35

Tgt Ion:276 Resp: 1330622

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	21.0	16.2	24.2



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

