

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG032420\
 Data File : BG044928.D
 Acq On : 24 Mar 2020 13:12
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 24 15:16:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	73690	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	276597	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	183768	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	426638	20.00	ng	0.00
76) Chrysene-d12	21.69	240	425505	20.00	ng	0.00
87) Perylene-d12	24.89	264	479448	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	376923	79.62	ng	0.00
7) Phenol-d6	7.20	99	516818	75.14	ng	0.00
23) Nitrobenzene-d5	9.21	82	509344	80.81	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	196171	81.53	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1082075	84.32	ng	0.00
79) Terphenyl-d14	20.03	244	1751605	77.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	96795	42.462	ng	94
3) Pyridine	3.92	79	272943	40.446	ng	99
4) n-Nitrosodimethylamine	3.82	42	105589	41.239	ng	# 99
6) Aniline	7.37	93	333806	39.004	ng	97
8) 2-Chlorophenol	7.61	128	182706	38.664	ng	95
9) Benzaldehyde	7.18	77	179884	44.246	ng	93
10) Phenol	7.23	94	262891	38.608	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	208457	38.359	ng	98
12) 1,3-Dichlorobenzene	7.94	146	231451	39.761	ng	100
13) 1,4-Dichlorobenzene	8.08	146	229839	39.938	ng	97
14) 1,2-Dichlorobenzene	8.40	146	218844	40.096	ng	99
15) Benzyl Alcohol	8.28	79	198756	36.017	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	320751	33.446	ng	99
17) 2-Methylphenol	8.48	107	193510	41.954	ng	96
18) Hexachloroethane	9.14	117	86650	38.244	ng	99
19) n-Nitroso-di-n-propylamine	8.85	70	169771	34.958	ng	97
20) 3+4-Methylphenols	8.81	107	261117	41.068	ng	98
22) Acetophenone	8.86	105	298740	38.124	ng	98
24) Nitrobenzene	9.25	77	267248	40.861	ng	99
25) Isophorone	9.77	82	477904	38.847	ng	97
26) 2-Nitrophenol	9.96	139	84582	38.486	ng	# 87
27) 2,4-Dimethylphenol	10.02	122	166246	41.497	ng	94
28) bis(2-Chloroethoxy)methane	10.25	93	260997	35.550	ng	96
29) 2,4-Dichlorophenol	10.50	162	189079	40.407	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	228628	40.862	ng	95
31) Naphthalene	10.90	128	625413	40.817	ng	98
32) Benzoic acid	10.15	122	83145	30.944	ng	96
33) 4-Chloroaniline	11.00	127	273754	39.656	ng	98
34) Hexachlorobutadiene	11.20	225	156084	42.420	ng	97
35) Caprolactam	11.77	113	61200	34.544	ng	93
36) 4-Chloro-3-methylphenol	12.13	107	209376	37.517	ng	94
37) 2-Methylnaphthalene	12.51	142	460019	40.136	ng	97
38) 1-Methylnaphthalene	12.72	142	434681	40.340	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	244988	40.480	ng	99

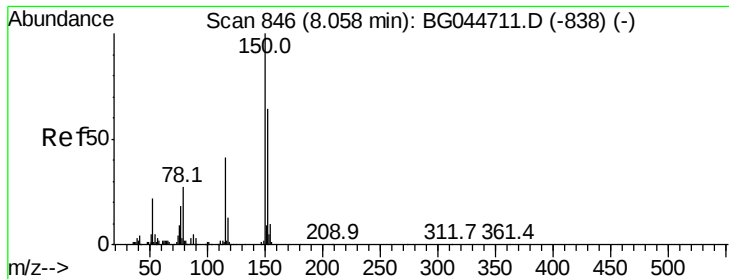
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG032420\
 Data File : BG044928.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	126410	38.219	nq	98
43) 2,4,6-Trichlorophenol	13.11	196	156104	38.866	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	184250	44.234	nq	94
46) 1,1'-Biphenyl	13.51	154	588278	40.059	nq	99
47) 2-Chloronaphthalene	13.55	162	444543	39.626	nq	99
48) 2-Nitroaniline	13.75	65	145128	36.952	nq	96
49) Acenaphthylene	14.40	152	726600	41.343	nq	99
50) Dimethylphthalate	14.13	163	575904	39.348	nq	100
51) 2,6-Dinitrotoluene	14.24	165	128181	43.448	nq	96
52) Acenaphthene	14.74	154	457903	39.783	nq	97
53) 3-Nitroaniline	14.57	138	140925	41.548	nq	97
54) 2,4-Dinitrophenol	14.78	184	47715	36.053	nq	92
55) Dibenzofuran	15.07	168	695504	41.669	nq	99
56) 4-Nitrophenol	14.87	139	98993	38.242	nq	93
57) 2,4-Dinitrotoluene	15.03	165	181543	44.868	nq	96
58) Fluorene	15.73	166	570589	41.557	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	155844	40.639	nq	96
60) Diethylphthalate	15.50	149	584018	38.257	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	313922	42.461	nq	99
62) 4-Nitroaniline	15.73	138	151454	41.875	nq	96
63) Azobenzene	16.01	77	603390	38.063	nq	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	78307	40.452	nq	92
66) n-Nitrosodiphenylamine	15.93	169	503835	39.225	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	224325	42.059	nq	97
68) Hexachlorobenzene	16.73	284	221591	38.295	nq	96
69) Atrazine	16.88	200	189953	40.364	nq	98
70) Pentachlorophenol	17.07	266	117479	36.900	nq	100
71) Phenanthrene	17.47	178	936753	41.088	nq	99
72) Anthracene	17.55	178	932838	41.495	nq	99
73) Carbazole	17.82	167	926380	42.899	nq	99
74) Di-n-butylphthalate	18.39	149	1038935	39.578	nq	100
75) Fluoranthene	19.47	202	1192105	43.915	nq	99
77) Benzidine	19.65	184	565890	40.966	nq	99
78) Pyrene	19.83	202	1211364	38.803	nq	98
80) Butylbenzylphthalate	20.72	149	453701	32.668	nq	98
81) Benzo(a)anthracene	21.67	228	1194089	38.972	nq	100
82) 3,3'-Dichlorobenzidine	21.58	252	456245	38.491	nq	100
83) Chrysene	21.74	228	1136109	38.818	nq	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	645204	33.662	nq	98
85) Di-n-octyl phthalate	22.81	149	1088010	33.921	nq	99
86) Indeno(1,2,3-cd)pyrene	28.55	276	1505132	39.226	nq	# 94
88) Benzo(b)fluoranthene	23.88	252	1296340	40.956	nq	99
89) Benzo(k)fluoranthene	23.95	252	1201454	40.110	nq	98
90) Benzo(a)pyrene	24.75	252	1205843	40.714	nq	97
91) Dibenzo(a,h)anthracene	28.61	278	1201459	41.119	nq	# 96
92) Benzo(g,h,i)perylene	29.68	276	1200666	40.672	nq	98

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

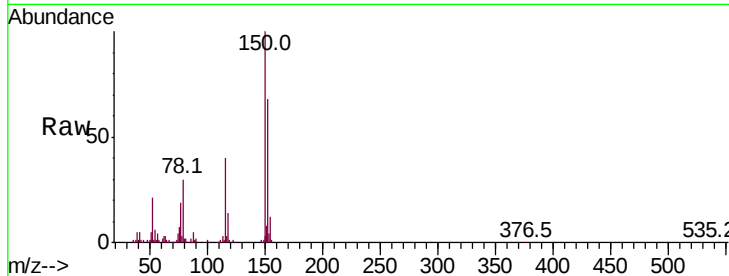


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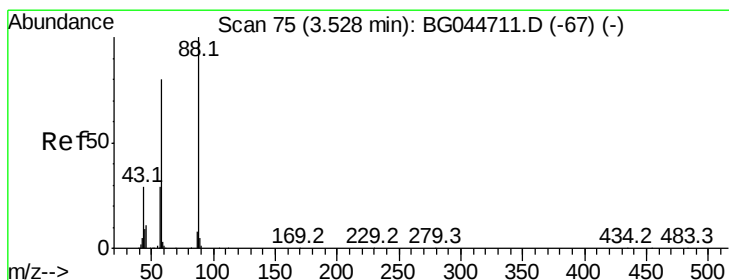
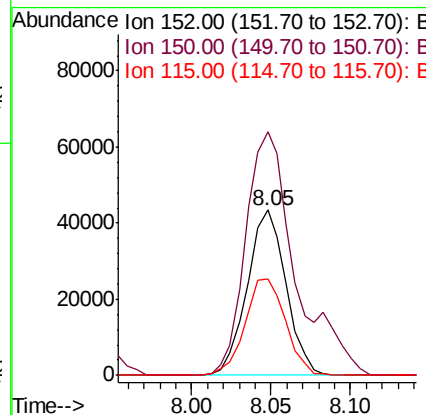
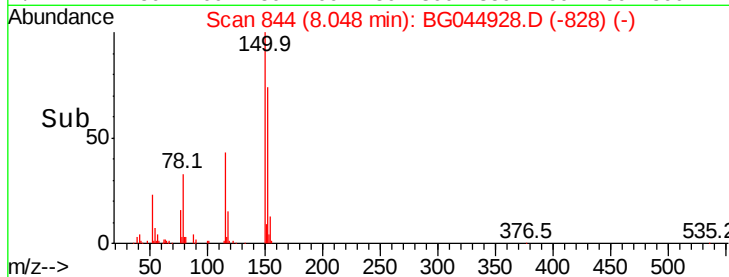
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BG044928.D
 Acq: 24 Mar 2020 13:12

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 73690
 Ion Ratio Lower Upper
 152 100
 150 147.3 128.8 193.2
 115 58.4 52.6 79.0



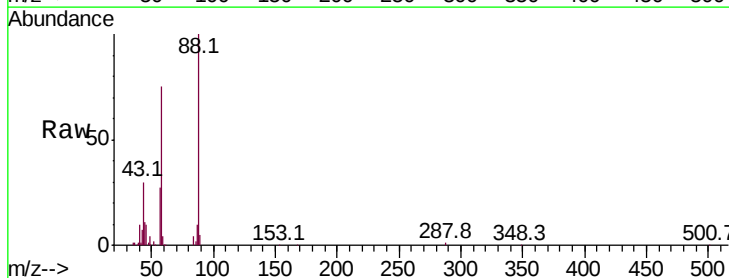
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



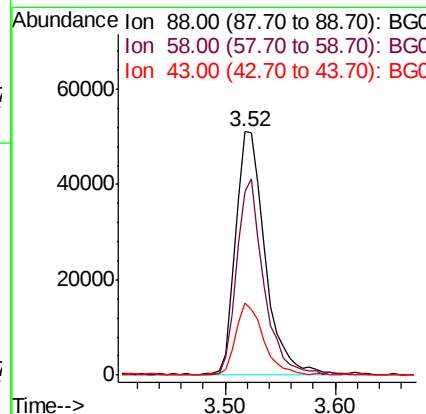
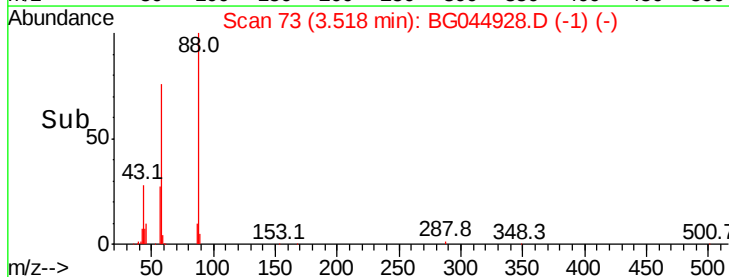
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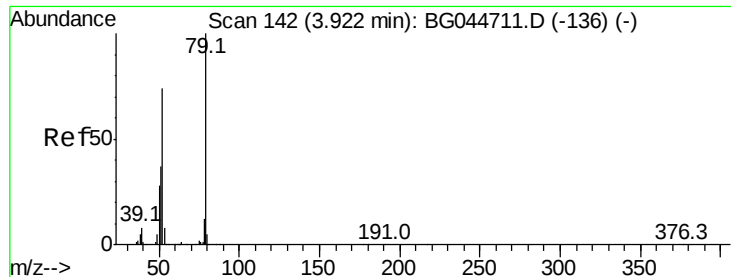
1,4-Dioxane
 Concen: 42.462 ng
 RT: 3.52 min Scan# 73
 Delta R.T. -0.01 min
 Lab File: BG044928.D
 Acq: 24 Mar 2020 13:12

Tgt Ion: 88 Resp: 96795
 Ion Ratio Lower Upper
 88 100
 58 73.8 63.0 94.4
 43 27.8 24.8 37.2



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: 40.446 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

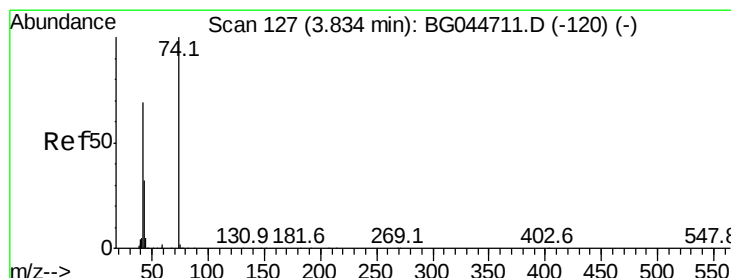
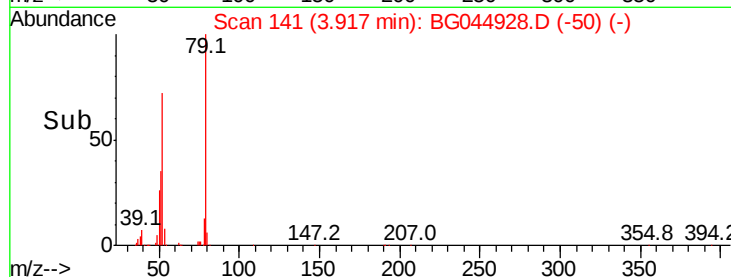
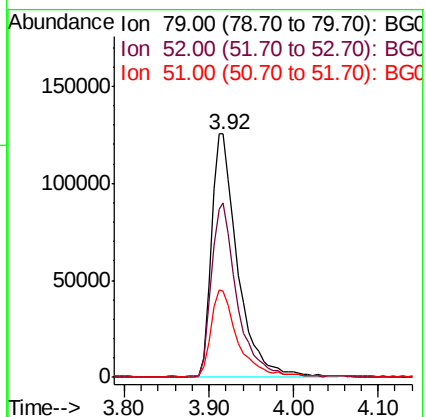
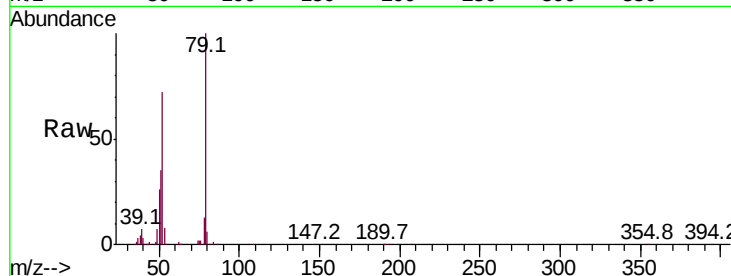
Tot Ion: 79 Resp: 272943

Ion Ratio Lower Upper

79 100

52 71.6 56.3 84.5

51 35.5 28.1 42.1



#4

n-Nitrosodimethylamine

Concen: 41.239 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

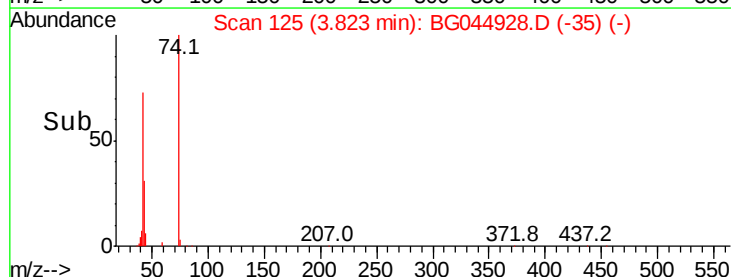
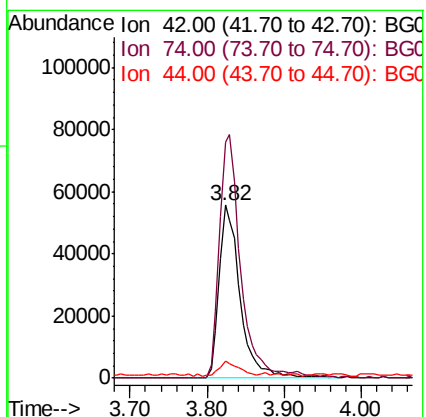
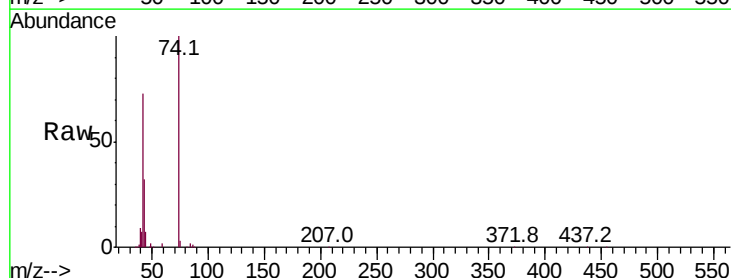
Tgt Ion: 42 Resp: 105589

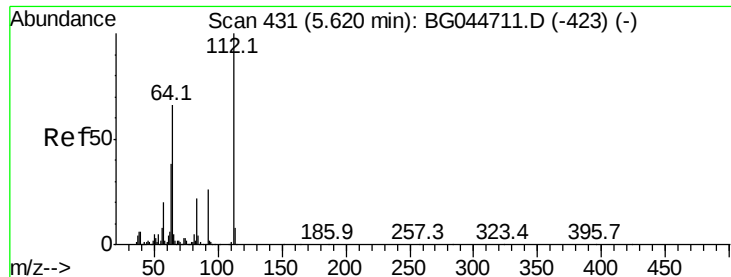
Ion Ratio Lower Upper

42 100

74 136.7 109.1 163.7

44 9.6 5.4 8.2#





#5

2-Fluorophenol

Concen: 79.625 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

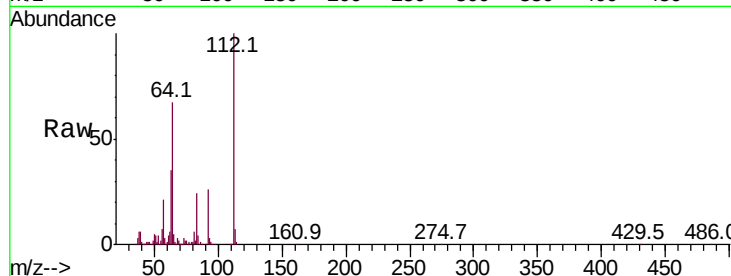
Tot Ion:112 Resp: 376923

Ion Ratio Lower Upper

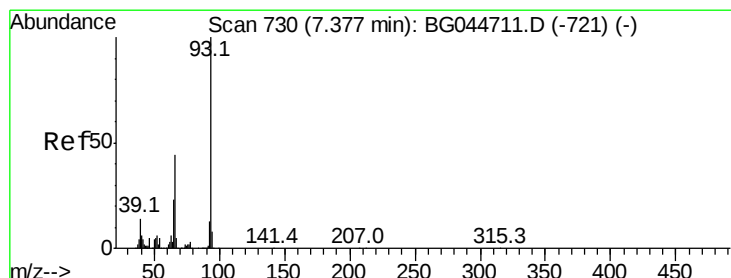
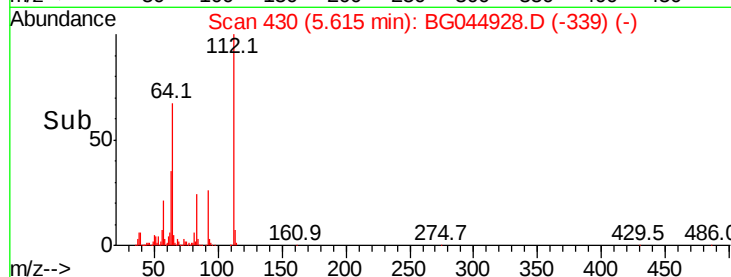
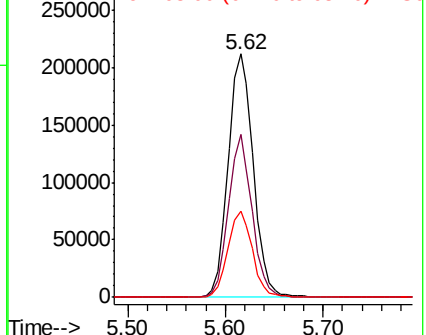
112 100

64 67.0 53.4 80.2

63 35.2 29.4 44.2



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: 39.004 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

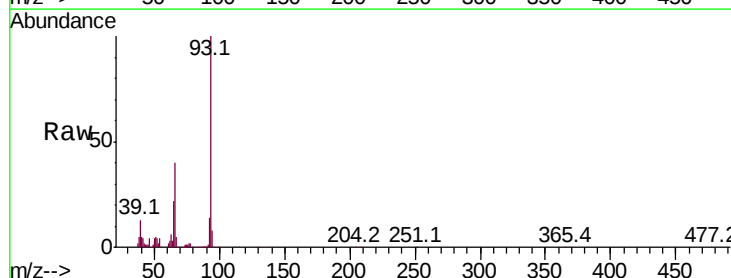
Tgt Ion: 93 Resp: 333806

Ion Ratio Lower Upper

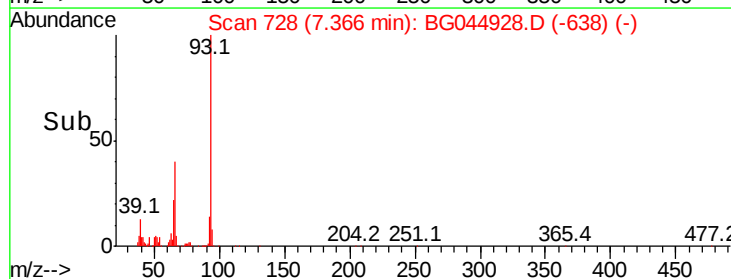
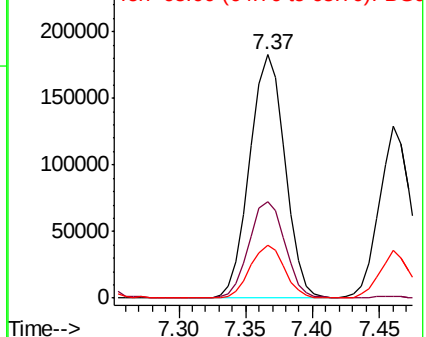
93 100

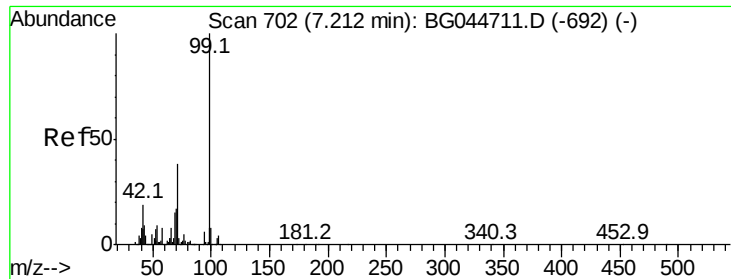
66 39.6 33.7 50.5

65 21.9 17.7 26.5



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: 75.143 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

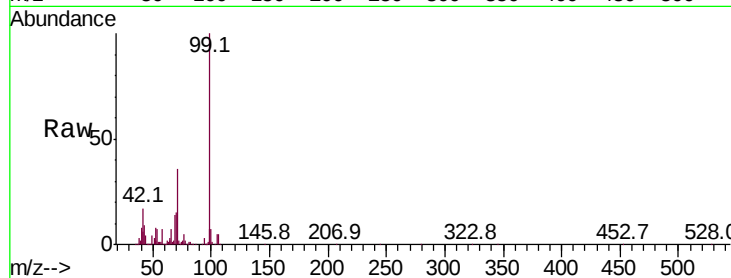
Tot Ion: 99 Resp: 516818

Ion Ratio Lower Upper

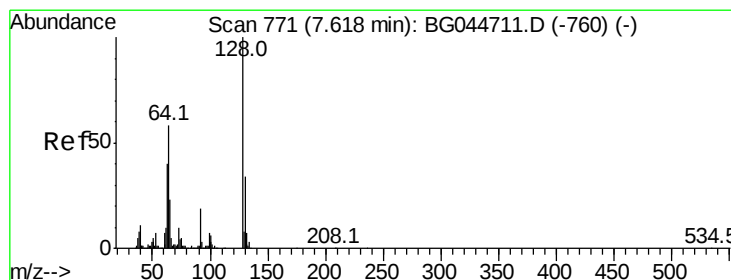
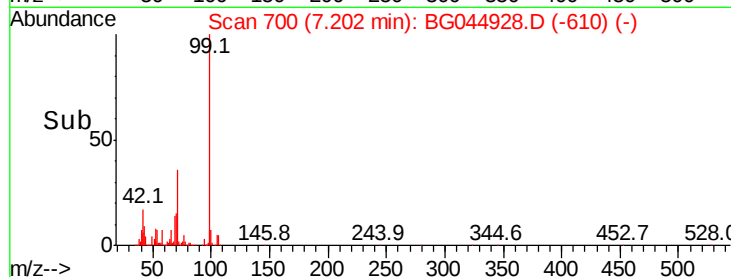
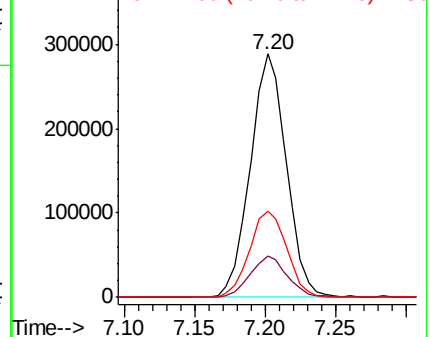
99 100

42 16.9 12.6 19.0

71 35.5 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 38.664 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

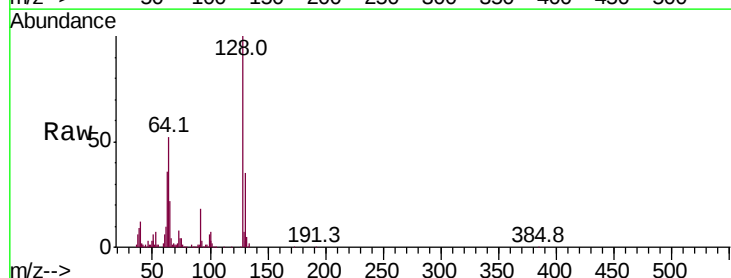
Tgt Ion: 128 Resp: 182706

Ion Ratio Lower Upper

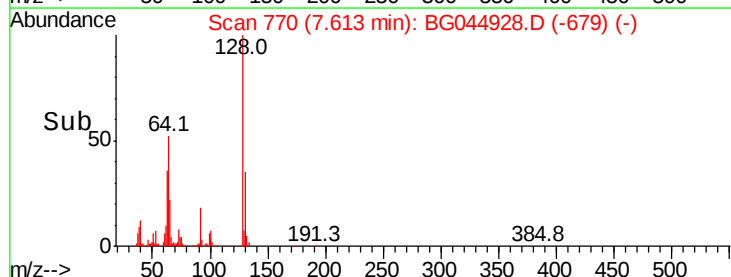
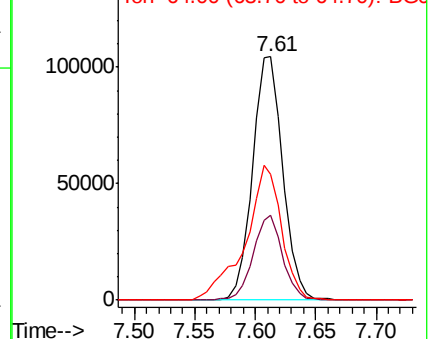
128 100

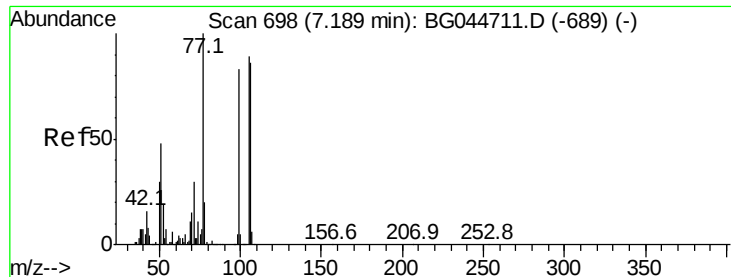
130 35.1 11.6 51.6

64 51.8 34.5 74.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 44.246 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

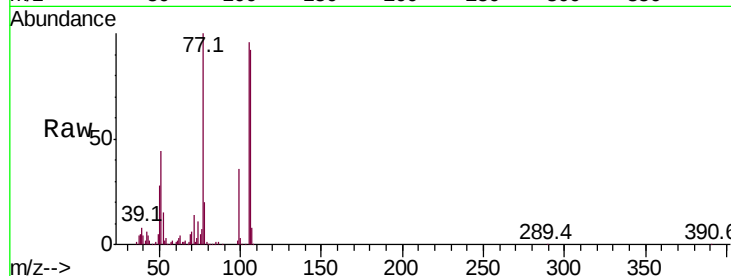
Tot Ion: 77 Resp: 179884

Ion Ratio Lower Upper

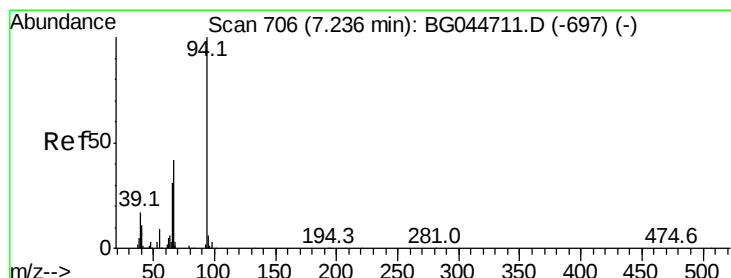
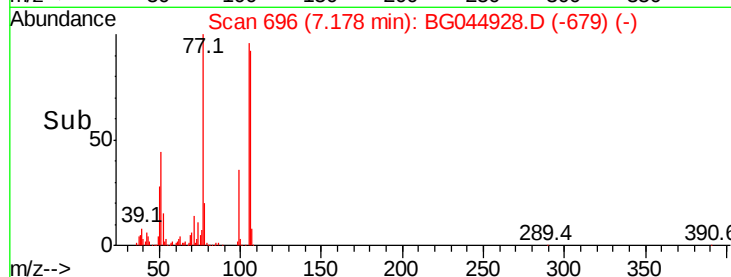
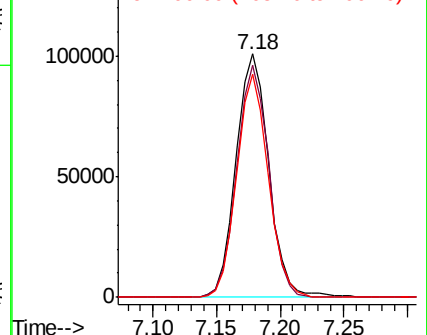
77 100

105 95.6 69.3 109.3

106 91.9 64.5 104.5



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: 38.608 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

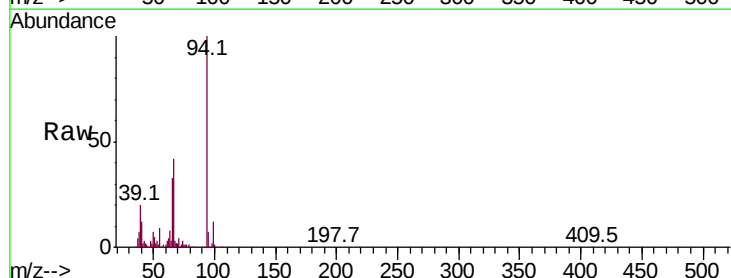
Tgt Ion: 94 Resp: 262891

Ion Ratio Lower Upper

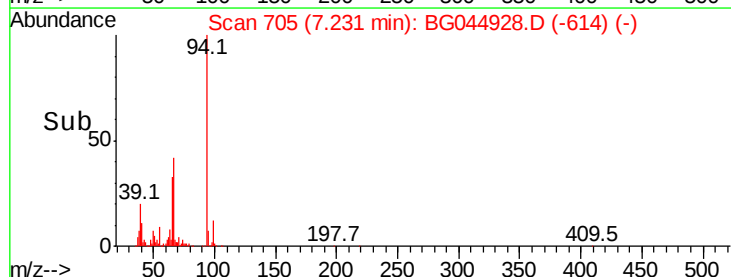
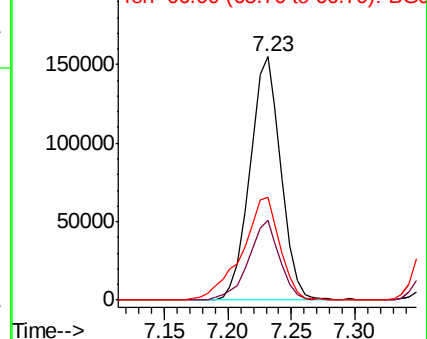
94 100

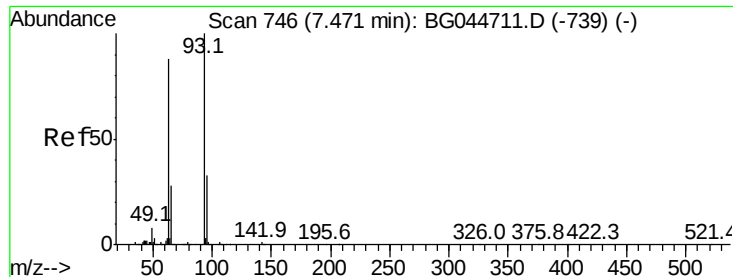
65 32.9 11.0 51.0

66 42.4 20.1 60.1



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: 38.359 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

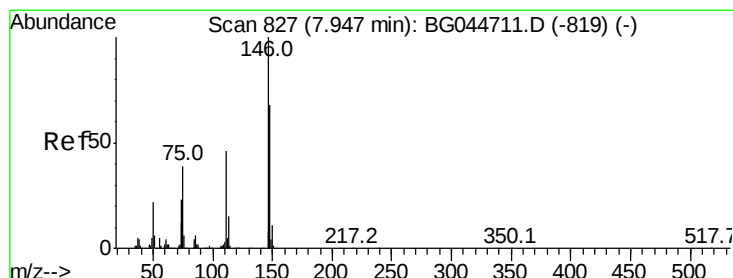
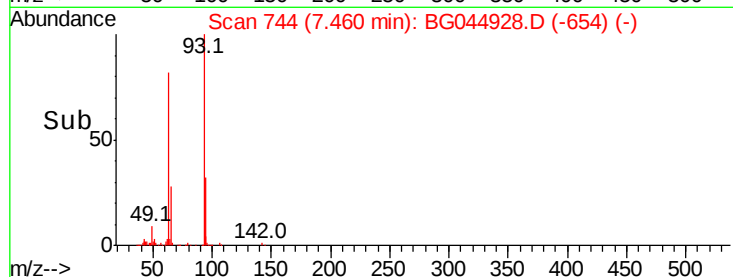
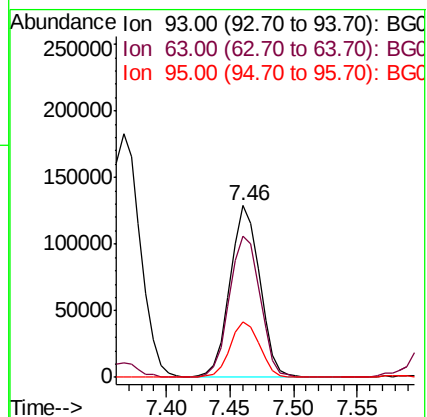
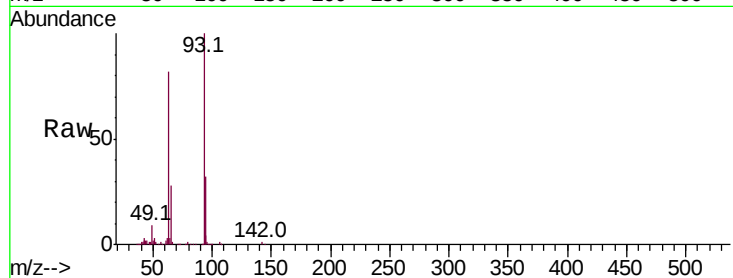
Tot Ion: 93 Resp: 208457

Ion Ratio Lower Upper

93 100

63 82.2 59.7 99.7

95 32.2 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 39.761 ng

RT: 7.94 min Scan# 826

Delta R.T. 0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

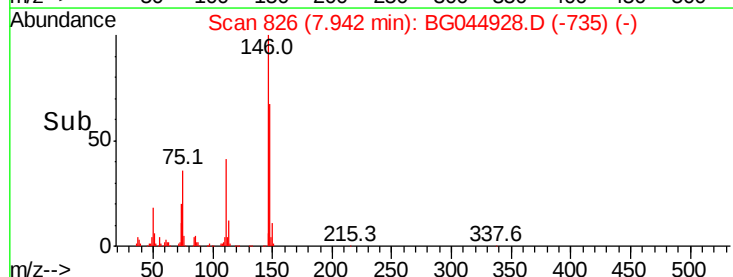
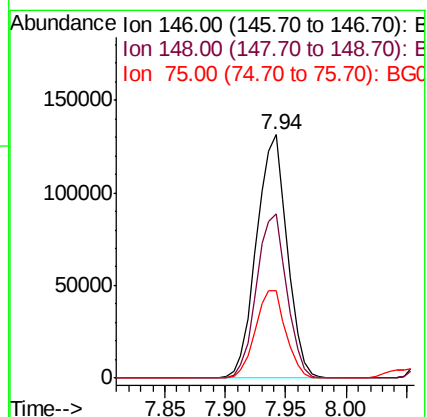
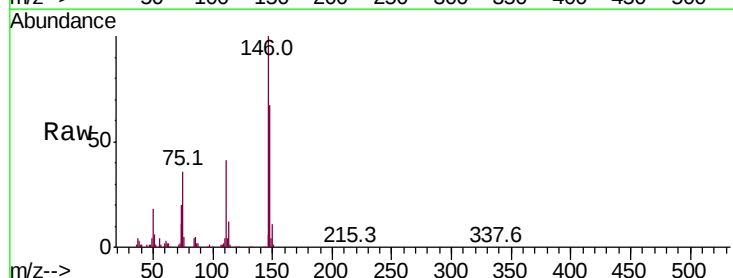
Tgt Ion: 146 Resp: 231451

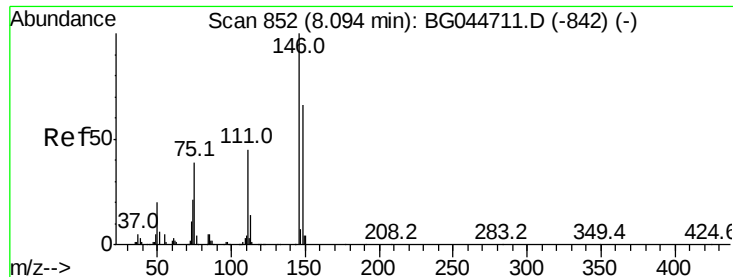
Ion Ratio Lower Upper

146 100

148 67.5 54.2 81.4

75 36.0 28.6 42.8

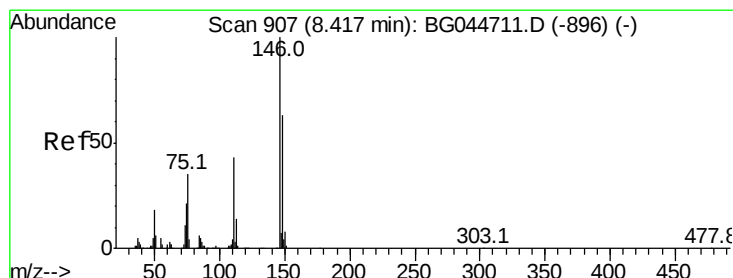
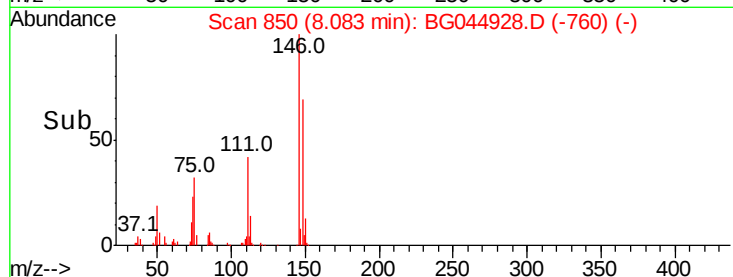
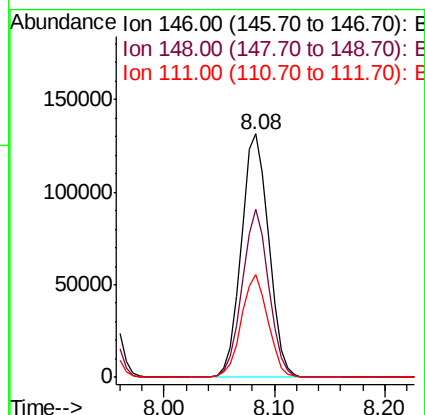
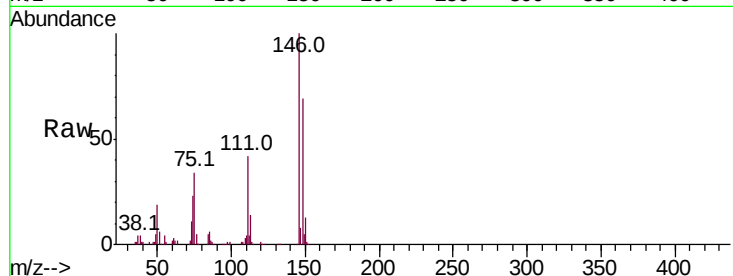




#13
 1,4-Dichlorobenzene
 Concen: 39.938 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BG044928.D
 Acq: 24 Mar 2020 13:12

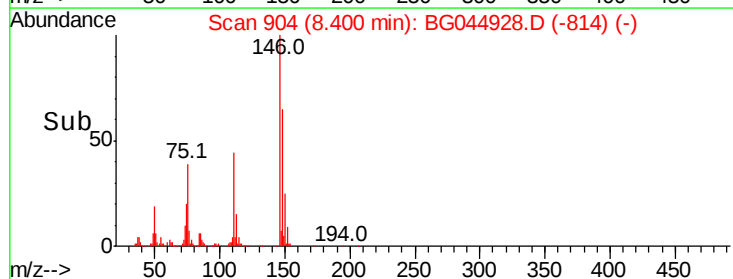
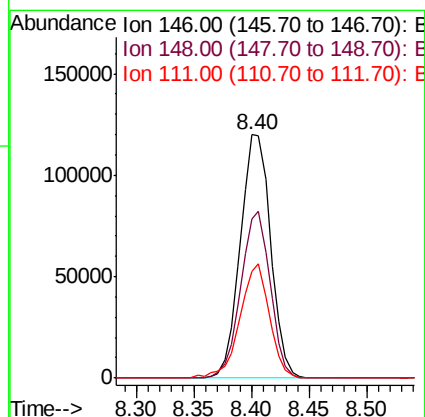
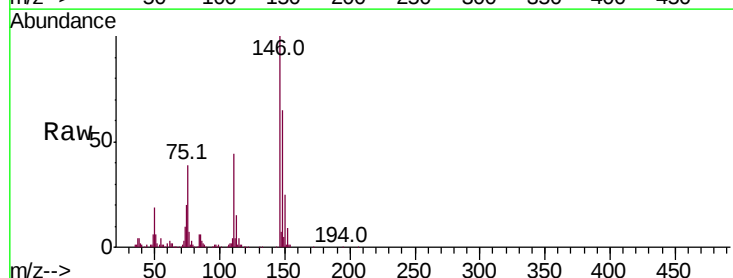
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

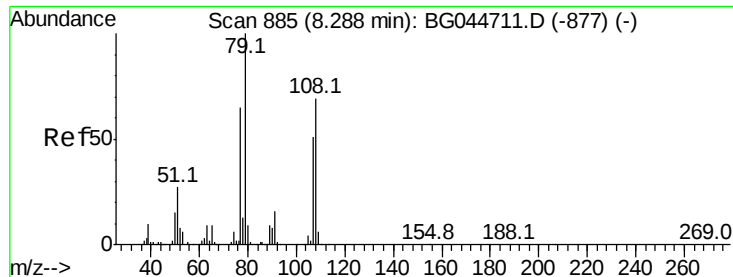
Tot Ion	Ratio	Lower	Upper
146	100		
148	69.1	53.8	80.6
111	42.2	32.0	48.0



#14
 1,2-Dichlorobenzene
 Concen: 40.096 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG044928.D
 Acq: 24 Mar 2020 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.1	78.1
111	43.8	33.4	50.2





#15

Benzyl Alcohol

Concen: 36.017 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

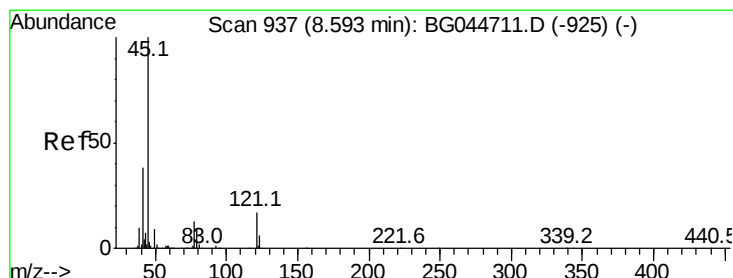
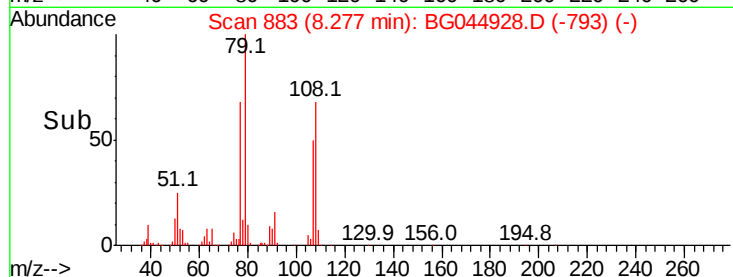
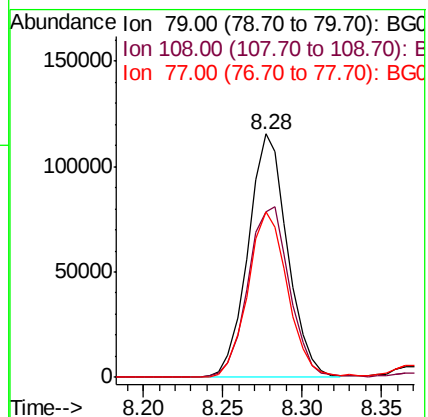
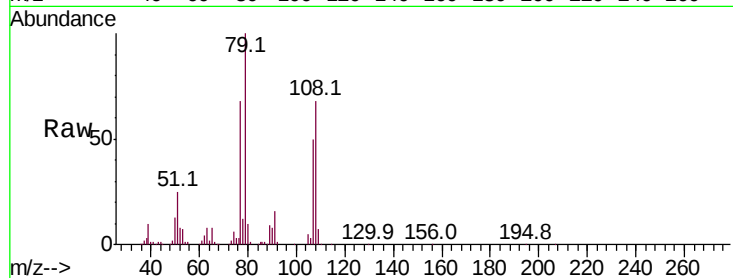
Tot Ion: 79 Resp: 198756

Ion Ratio Lower Upper

79 100

108 68.0 53.8 80.8

77 68.2 47.8 71.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.446 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

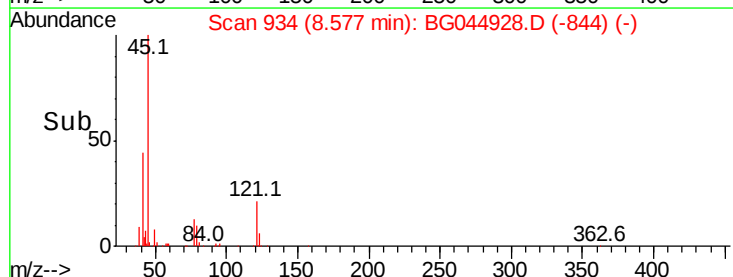
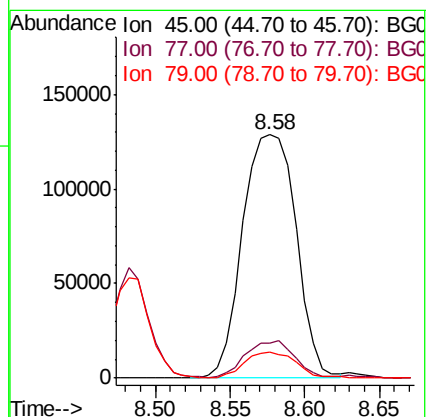
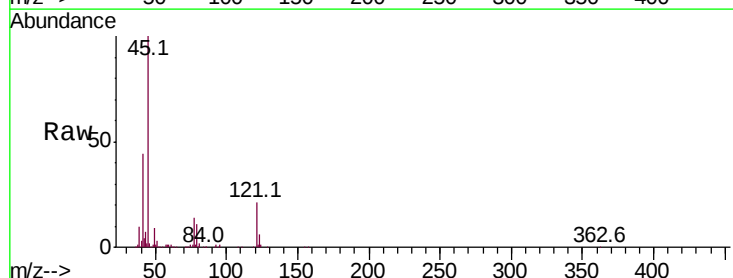
Tgt Ion: 45 Resp: 320751

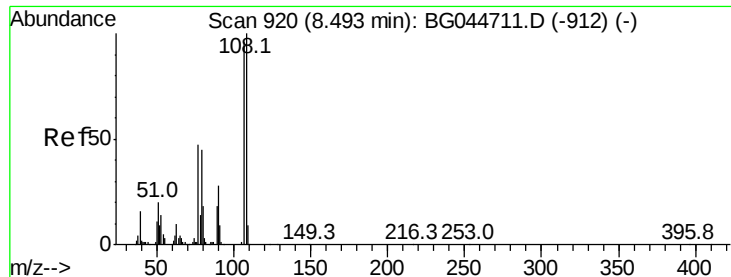
Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.9

79 10.9 0.0 30.8





#17

2-Methylphenol

Concen: 41.954 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 193510

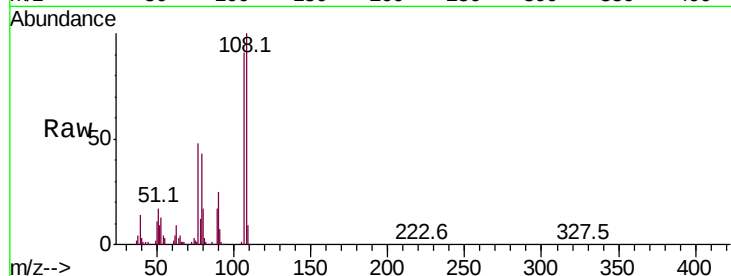
Ion Ratio Lower Upper

107 100

108 109.3 91.8 137.8

77 52.3 40.0 60.0

79 47.5 40.2 60.2

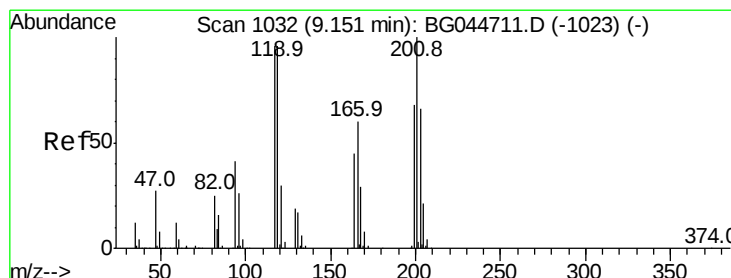
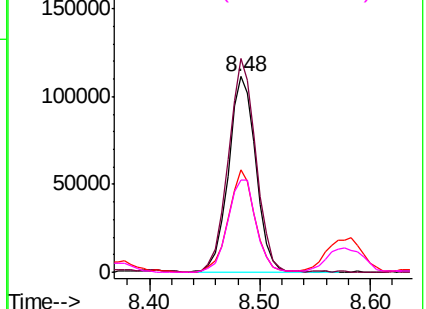
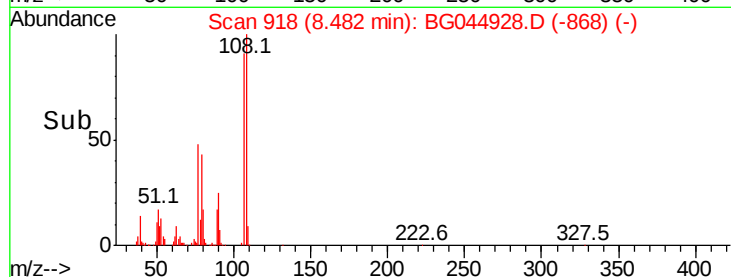


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.244 ng

RT: 9.14 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

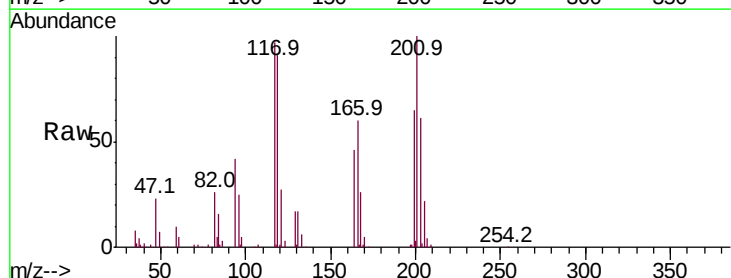
Tgt Ion:117 Resp: 86650

Ion Ratio Lower Upper

117 100

119 93.4 75.2 112.8

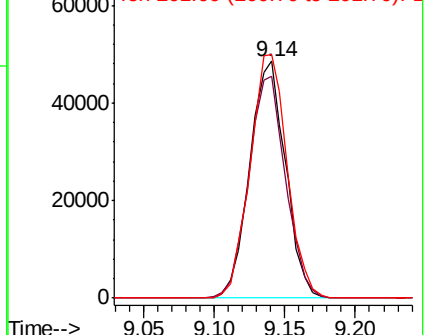
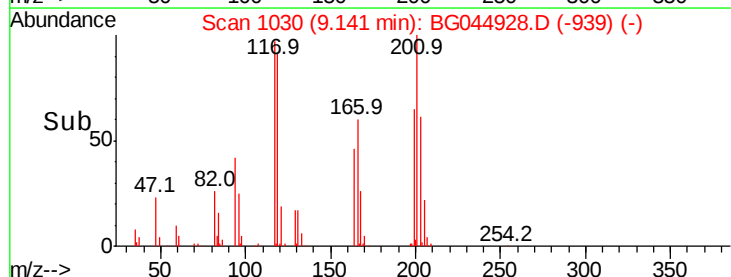
201 102.8 81.1 121.7

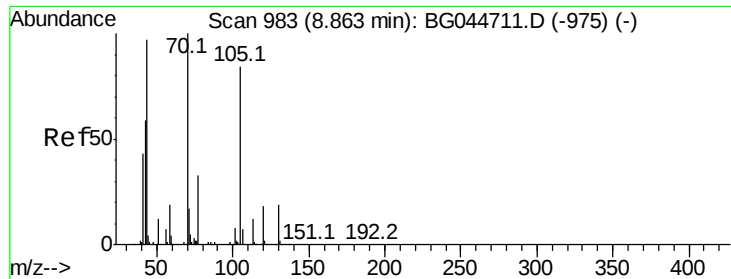


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

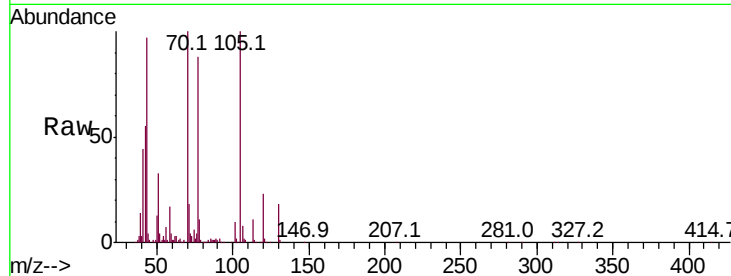




#19
n-Nitroso-di-n-propylamine
Concen: 34.958 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	169771
Ion	Ratio	Lower	Upper
70	100		
42	54.6	45.7	68.5
101	9.6	7.4	11.2
130	17.9	15.9	23.9



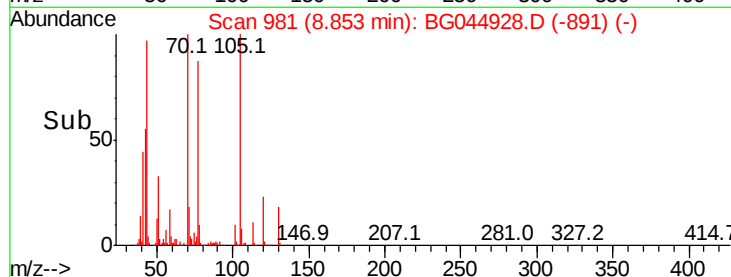
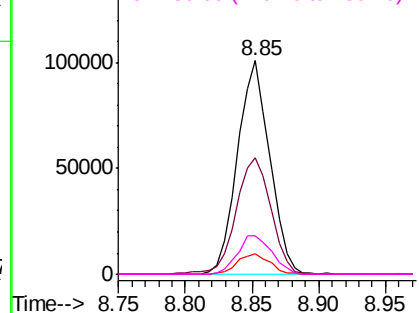
Abundance

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: 41.068 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

Tgt Ion:	107	Resp:	261117
Ion	Ratio	Lower	Upper
107	100		
108	92.7	71.3	111.3
77	35.7	16.9	56.9
79	32.2	9.7	49.7

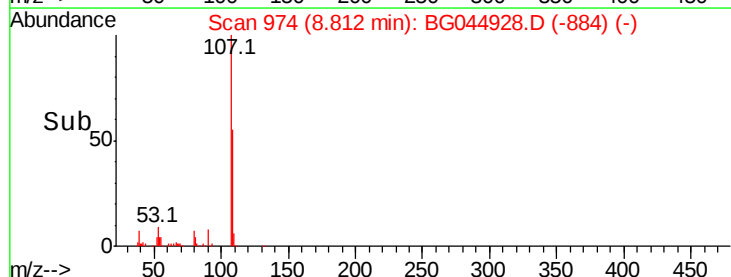
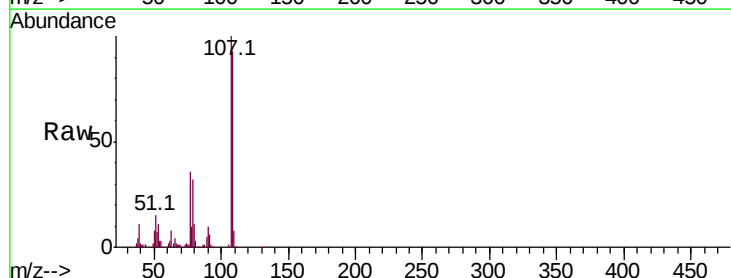
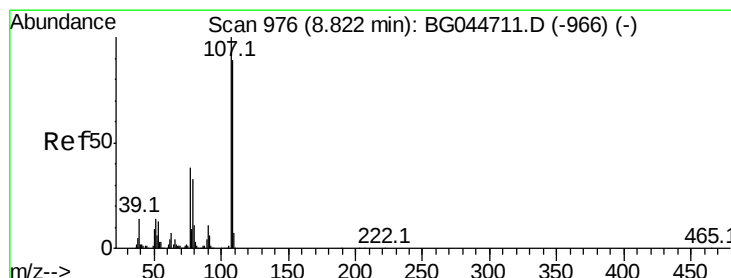
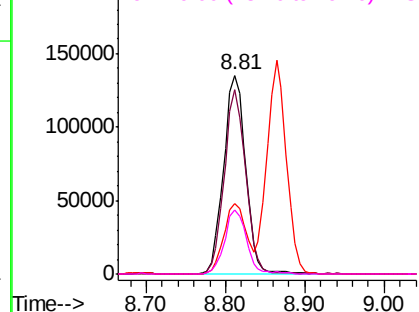
Abundance

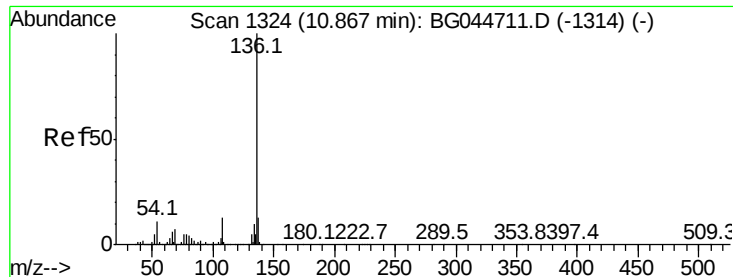
Ion 107.00 (106.70 to 107.70): BGC

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: 10.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 276597

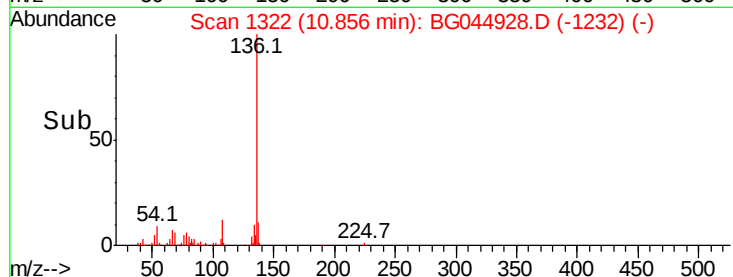
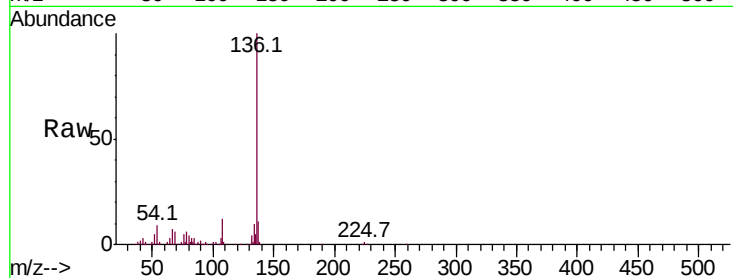
Ion Ratio Lower Upper

136 100

137 10.7 9.8 14.6

54 9.0 7.9 11.9

68 5.9 5.4 8.0



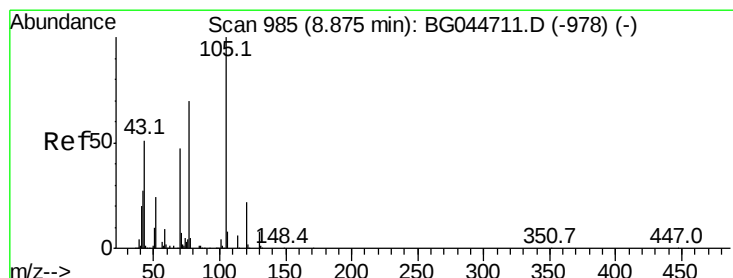
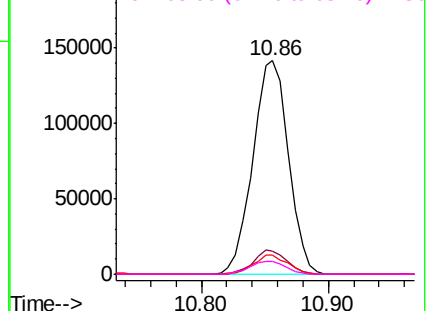
Abundance

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: 38.124 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Tgt Ion:105 Resp: 298740

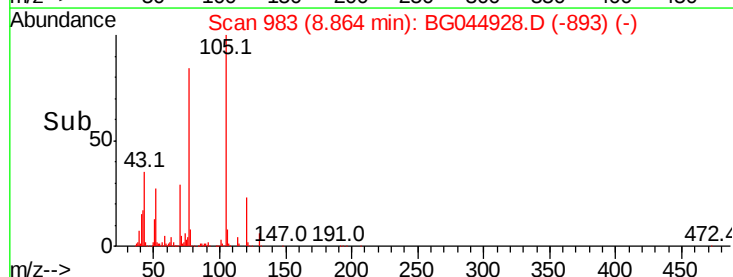
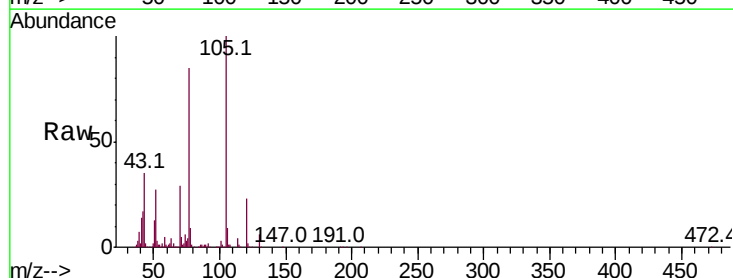
Ion Ratio Lower Upper

105 100

71 4.8 3.9 5.9

51 27.2 22.6 33.8

120 22.8 17.3 25.9



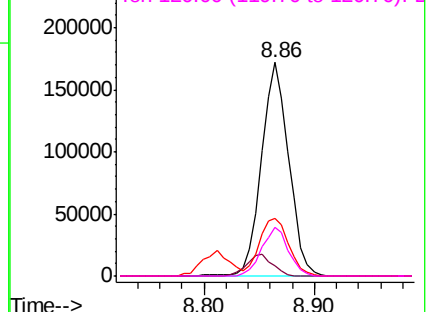
Abundance

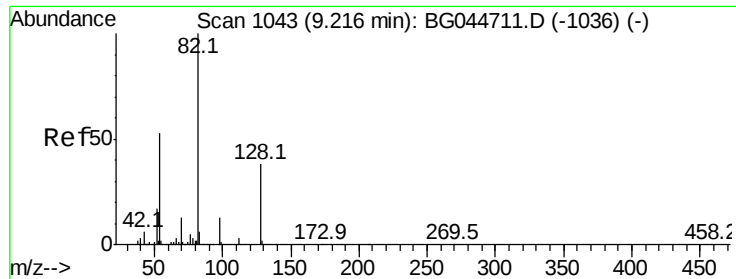
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

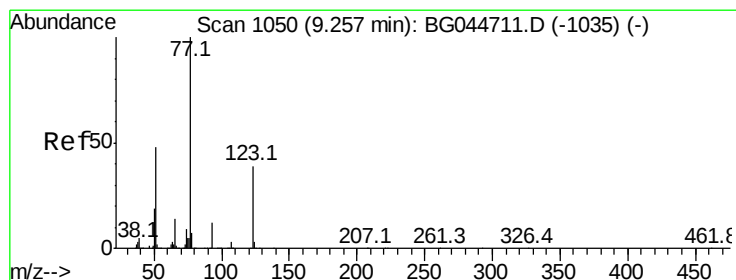
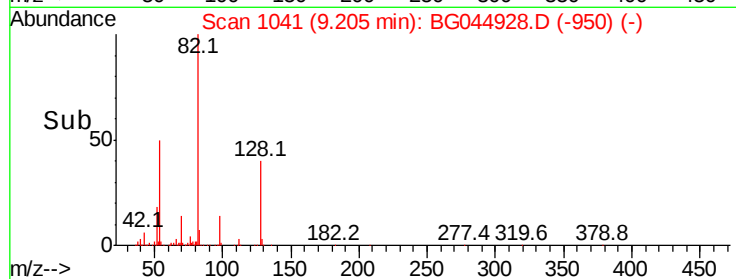
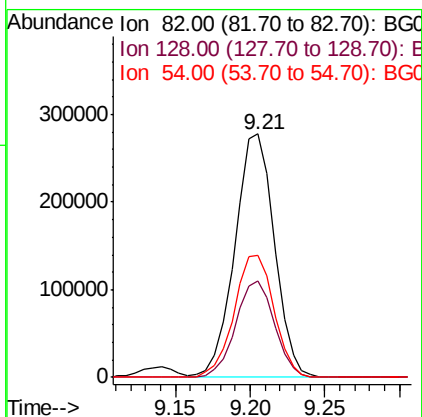
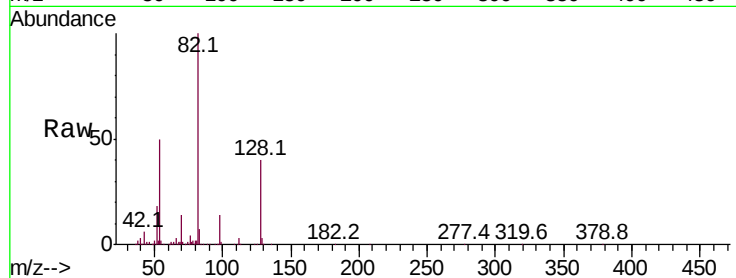




#23
 Nitrobenzene-d5
 Concen: 80.806 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044928.D
 Acq: 24 Mar 2020 13:12

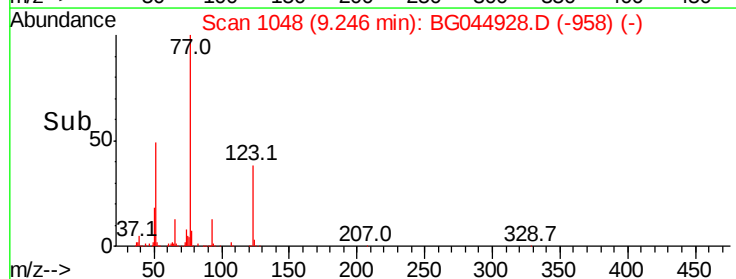
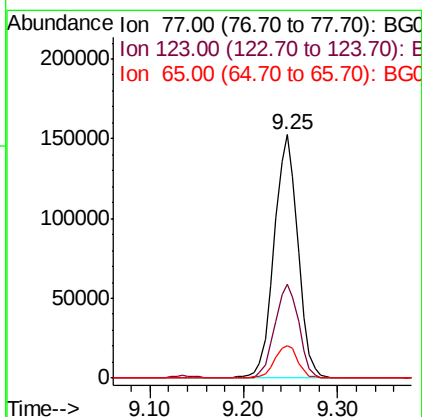
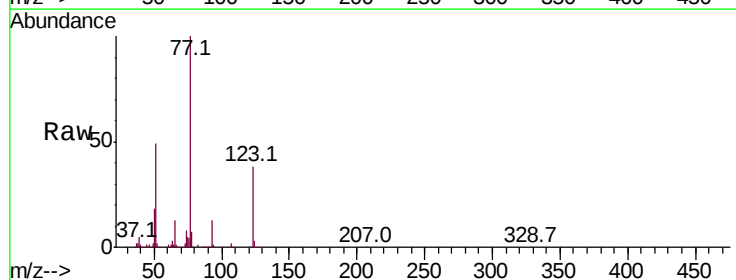
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

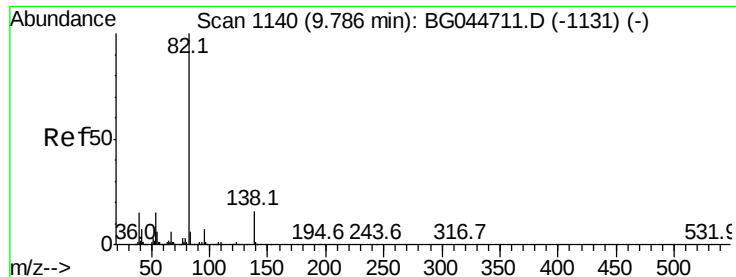
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.6	46.0
54	50.0	37.1	55.7



#24
 Nitrobenzene
 Concen: 40.861 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG044928.D
 Acq: 24 Mar 2020 13:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.3	31.3	46.9
65	13.5	11.4	17.0





#25

Isophorone

Concen: 38.847 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

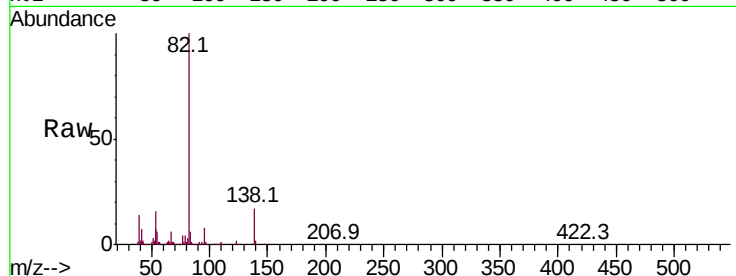
Tot Ion: 82 Resp: 477904

Ion Ratio Lower Upper

82 100

95 7.9 5.5 8.3

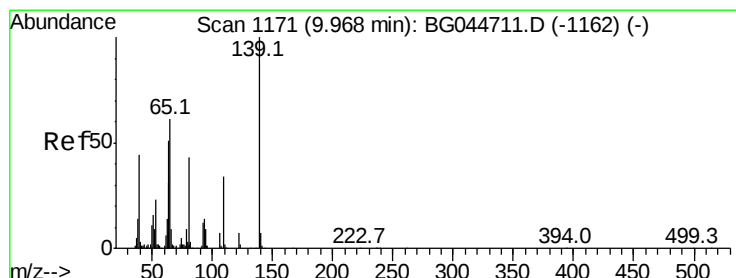
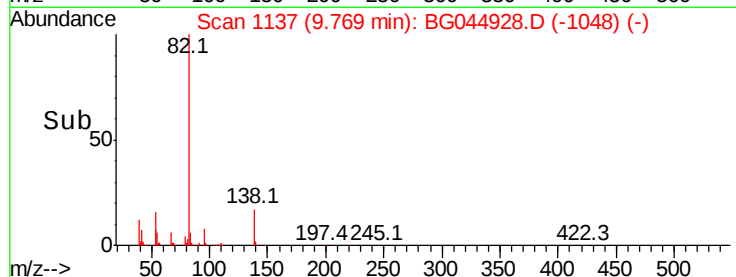
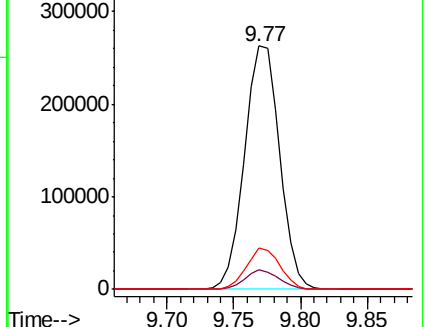
138 17.0 12.5 18.7



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: 38.486 ng

RT: 9.96 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

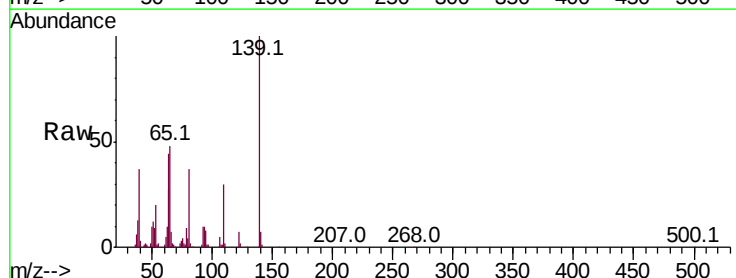
Tgt Ion: 139 Resp: 84582

Ion Ratio Lower Upper

139 100

109 30.0 30.2 45.4#

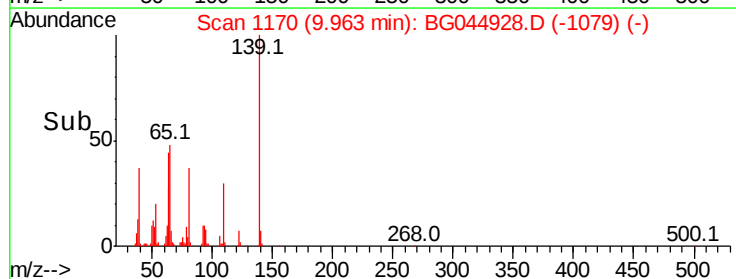
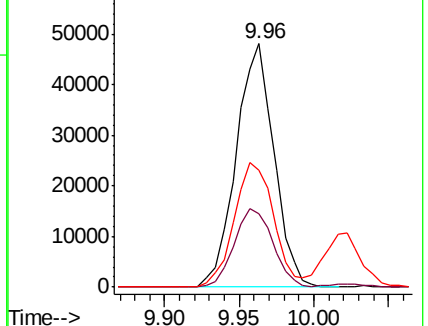
65 48.1 46.3 69.5

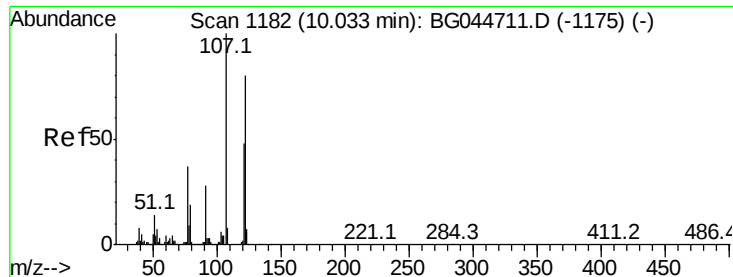


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

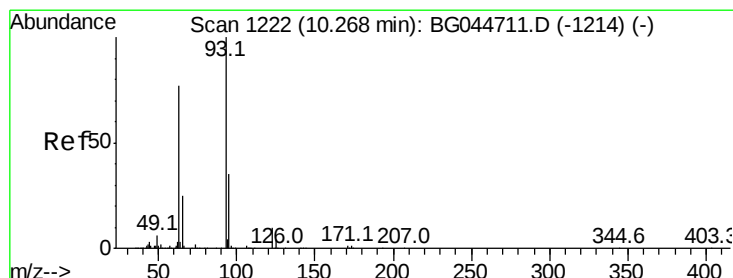
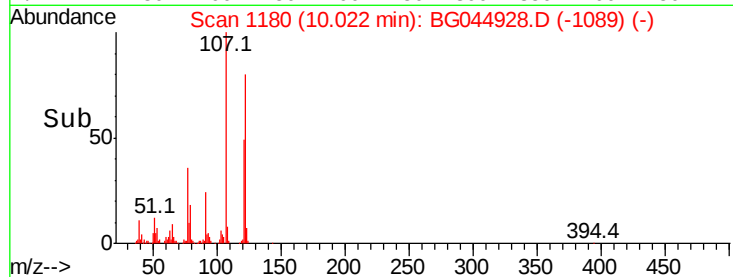
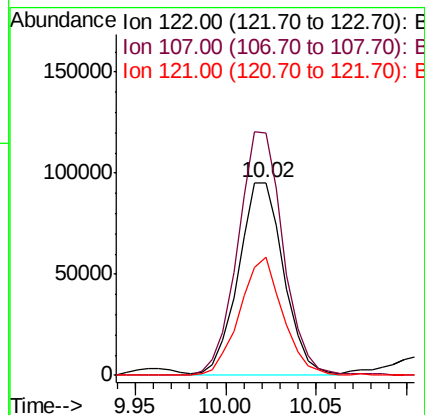
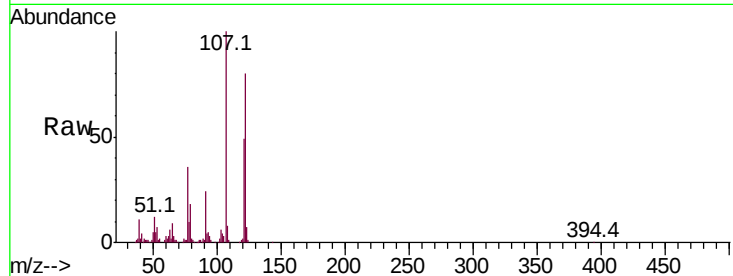




#27
2,4-Dimethylphenol
Concen: 41.497 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

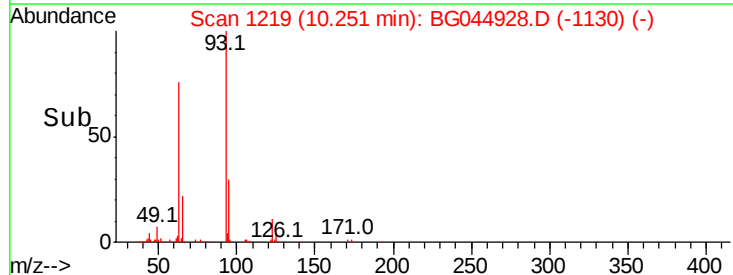
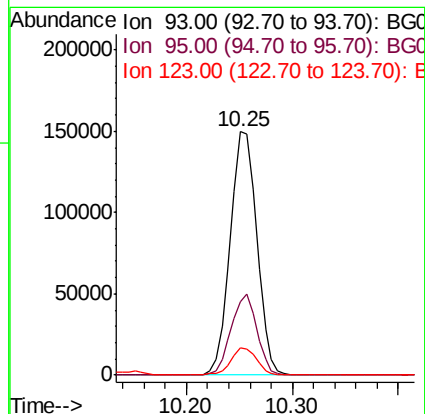
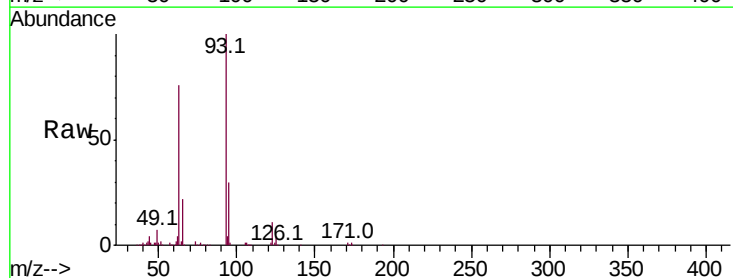
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

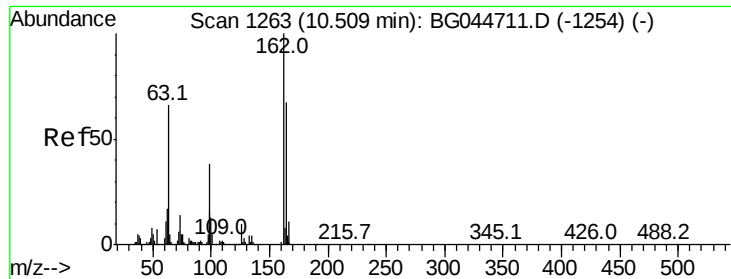
Tot Ion:122 Resp: 166246
Ion Ratio Lower Upper
122 100
107 125.4 107.1 160.7
121 61.0 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 35.550 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

Tgt Ion: 93 Resp: 260997
Ion Ratio Lower Upper
93 100
95 30.3 26.4 39.6
123 11.4 8.4 12.6

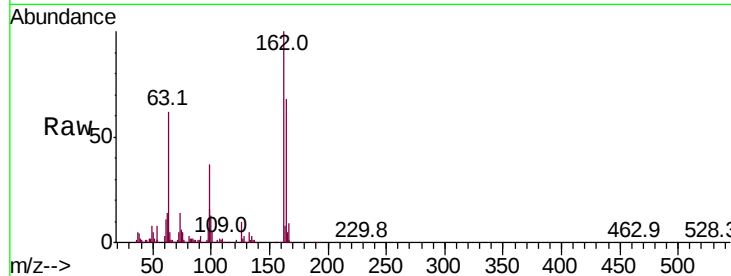




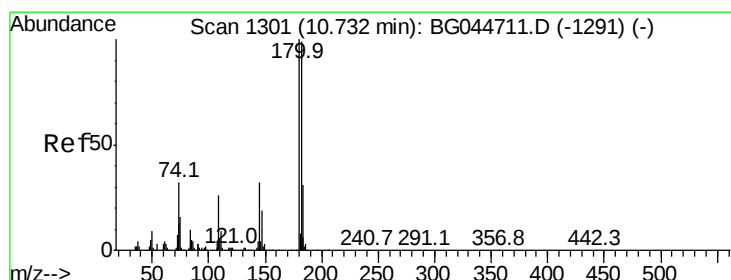
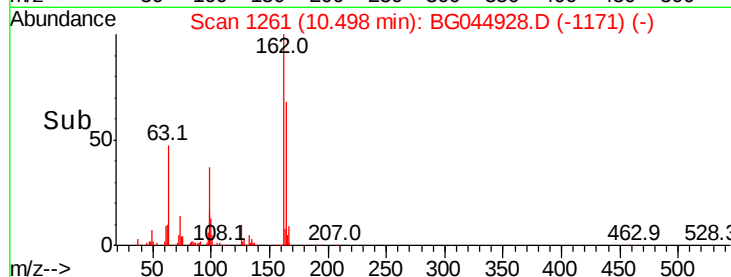
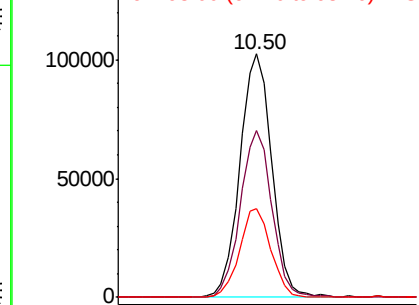
#29
2,4-Dichlorophenol
Concen: 40.407 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 189079
Ion Ratio Lower Upper
162 100
164 68.3 45.2 85.2
98 36.6 19.0 59.0

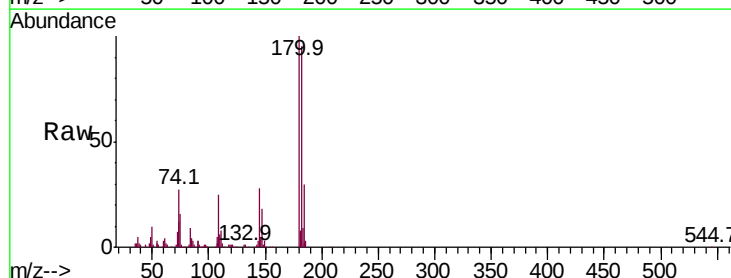


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

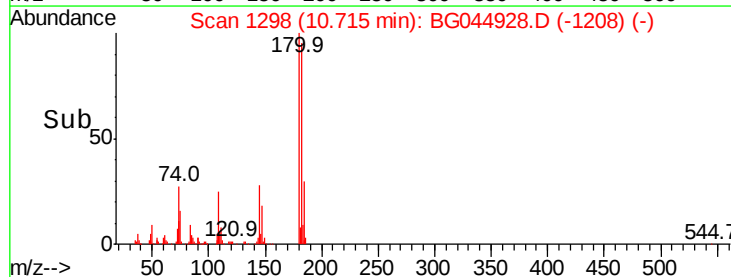
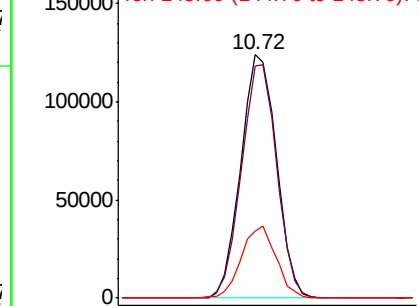


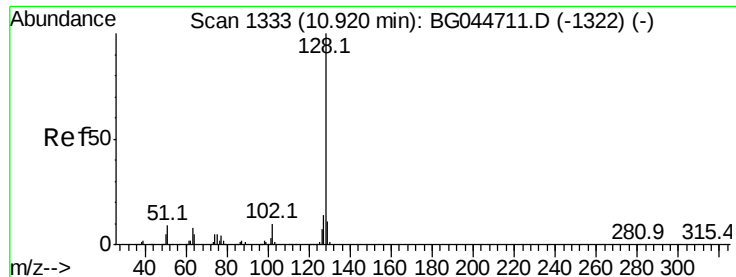
#30
1,2,4-Trichlorobenzene
Concen: 40.862 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

Tgt Ion:180 Resp: 228628
Ion Ratio Lower Upper
180 100
182 95.4 71.6 107.4
145 27.6 23.4 35.0



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: 40.817 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

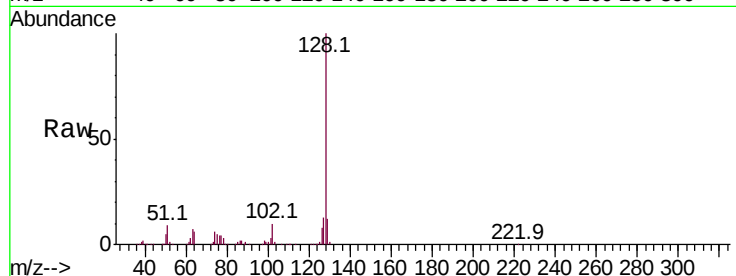
Tot Ion:128 Resp: 625413

Ion Ratio Lower Upper

128 100

129 12.4 9.0 13.4

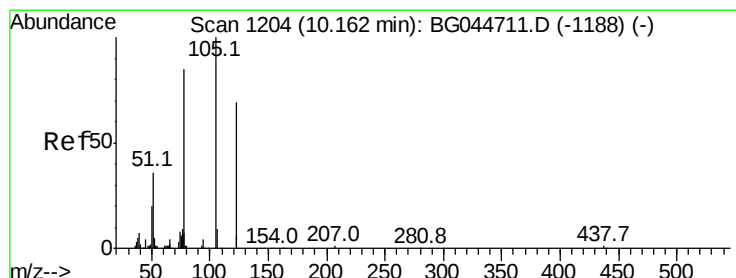
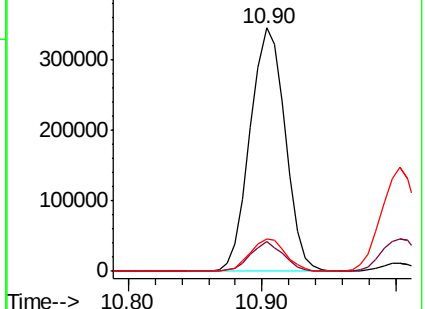
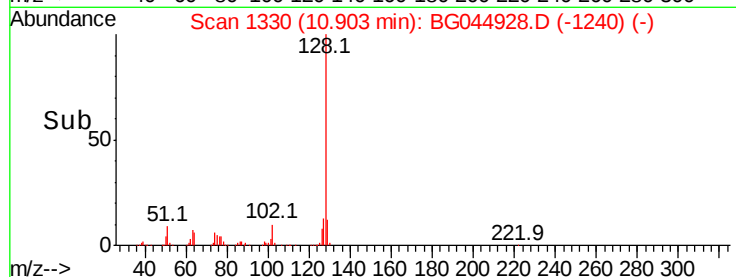
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.944 ng

RT: 10.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

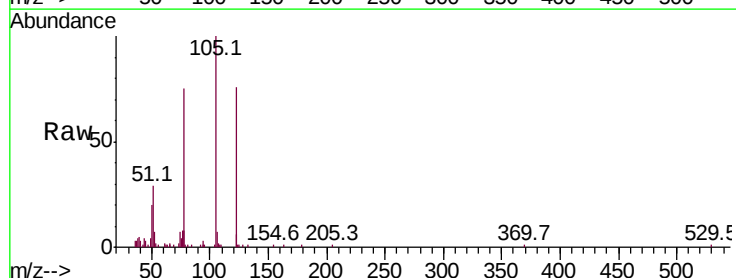
Tgt Ion:122 Resp: 83145

Ion Ratio Lower Upper

122 100

105 131.4 109.1 149.1

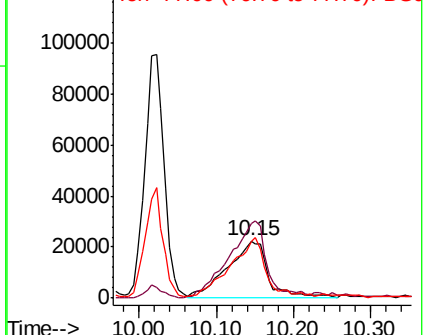
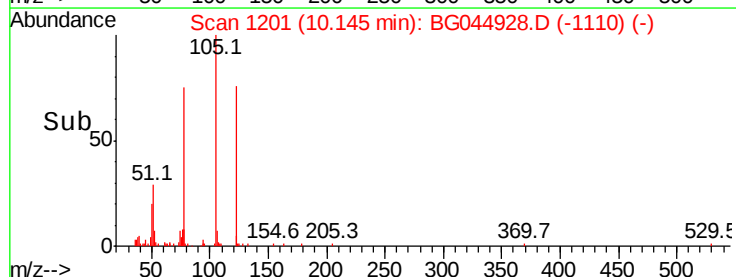
77 98.5 85.3 125.3

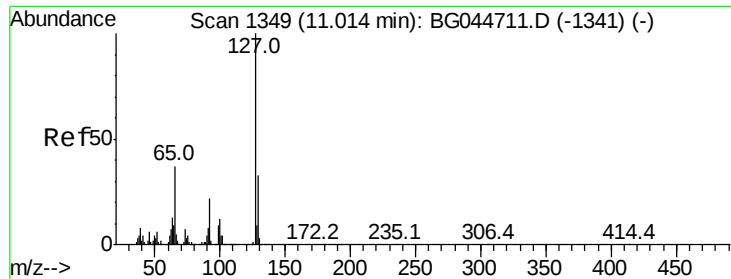


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

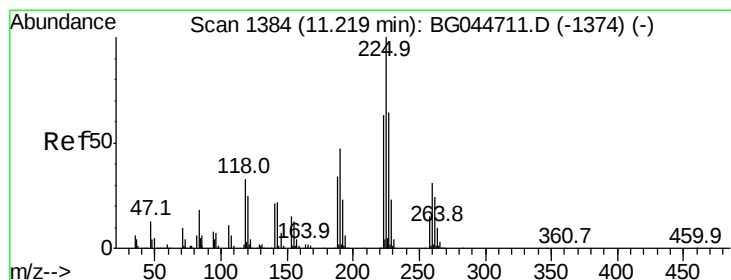
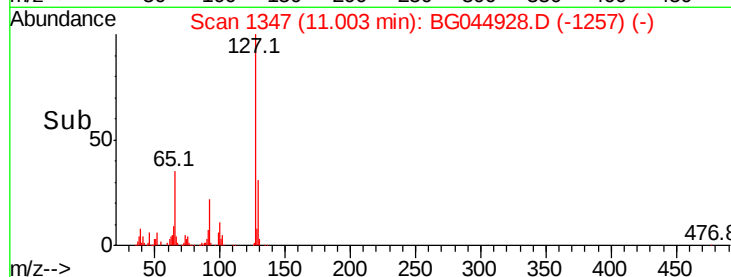
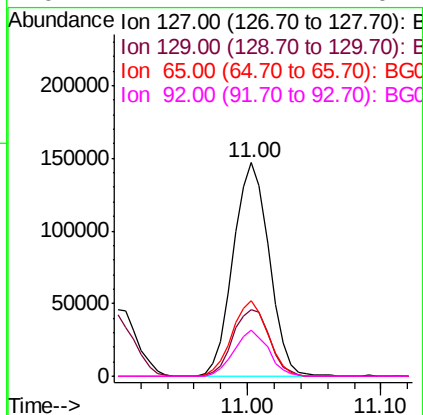
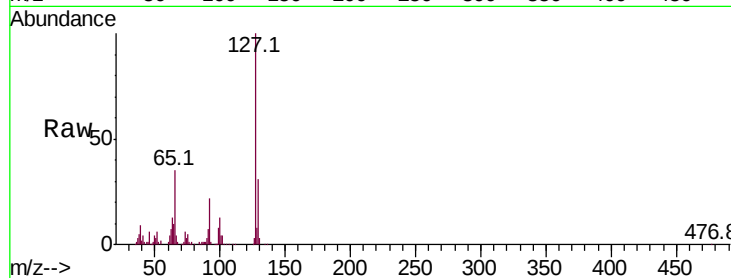




#33
4-Chloroaniline
Concen: 39.656 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

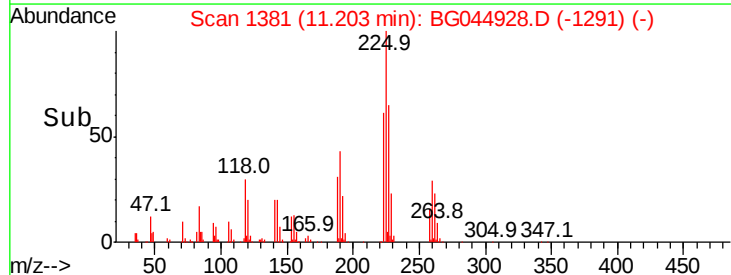
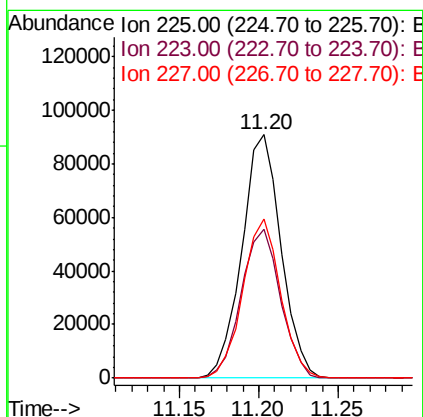
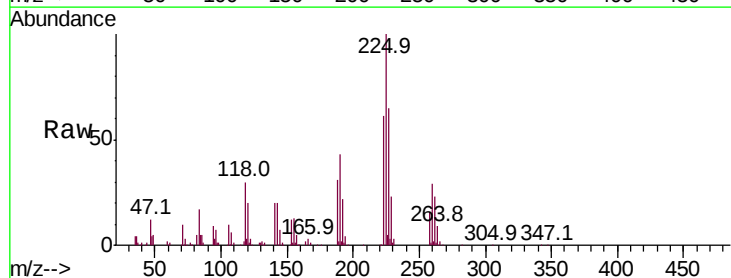
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

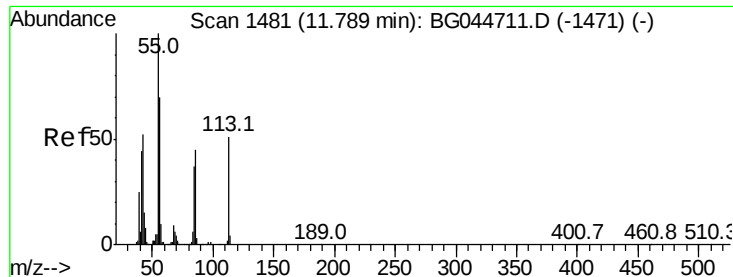
Tot Ion:127	Resp:	273754
Ion	Ratio	Lower Upper
127	100	
129	31.3	26.9 40.3
65	35.2	27.7 41.5
92	21.7	17.4 26.2



#34
Hexachlorobutadiene
Concen: 42.420 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

Tgt Ion:225	Resp:	156084
Ion	Ratio	Lower Upper
225	100	
223	61.3	47.4 71.0
227	65.4	50.8 76.2





#35

Caprolactam

Concen: 34.544 ng

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

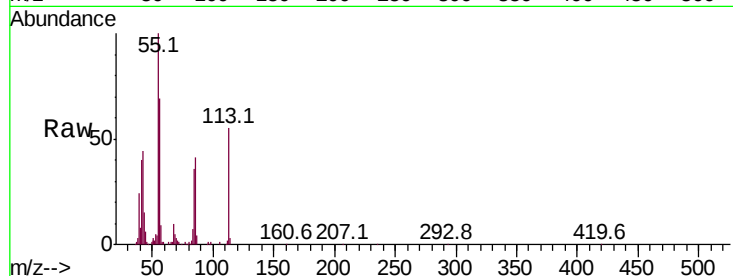
Tot Ion:113 Resp: 61200

Ion Ratio Lower Upper

113 100

55 183.4 173.8 213.8

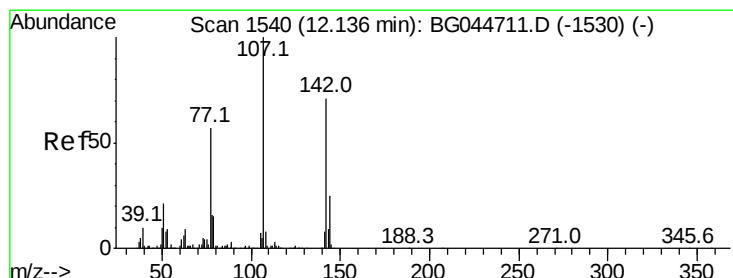
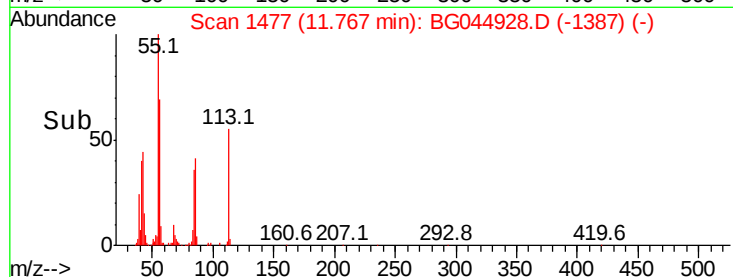
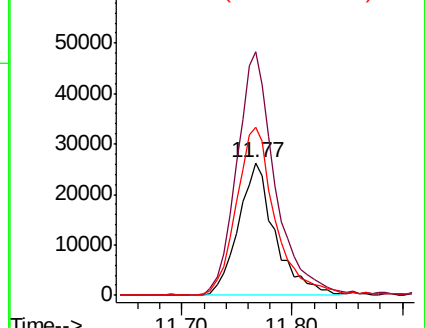
56 126.9 113.8 153.8



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: 37.517 ng

RT: 12.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

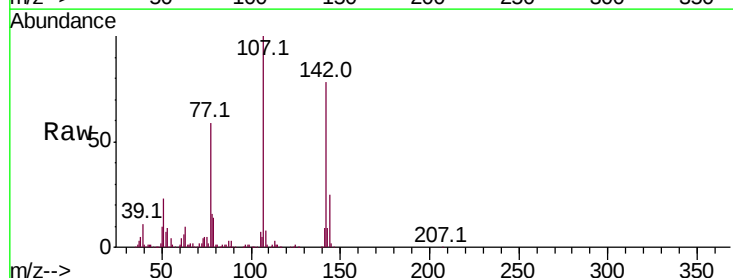
Tgt Ion:107 Resp: 209376

Ion Ratio Lower Upper

107 100

144 25.4 18.0 27.0

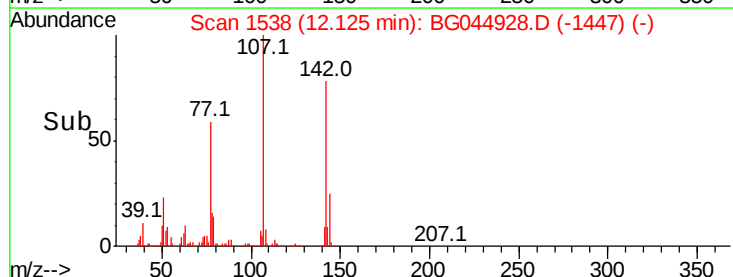
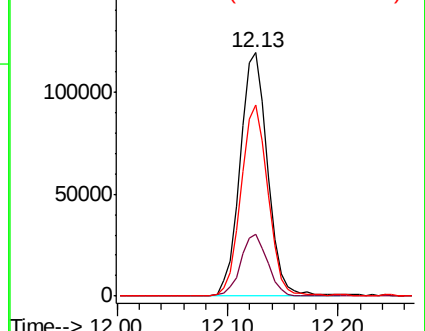
142 78.4 59.0 88.4

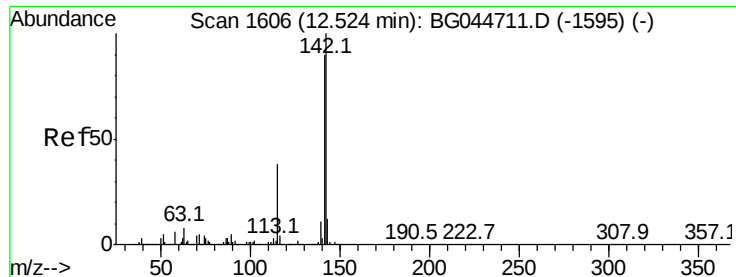


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

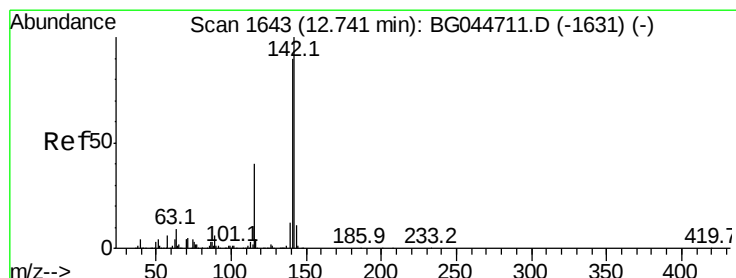
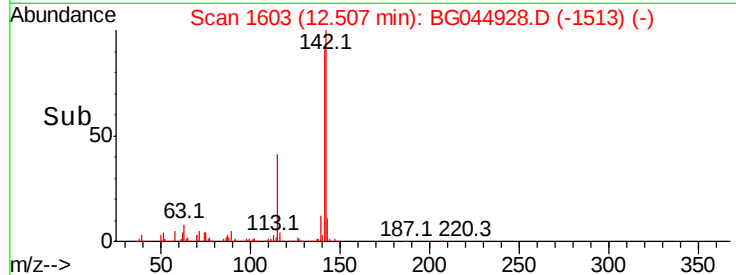
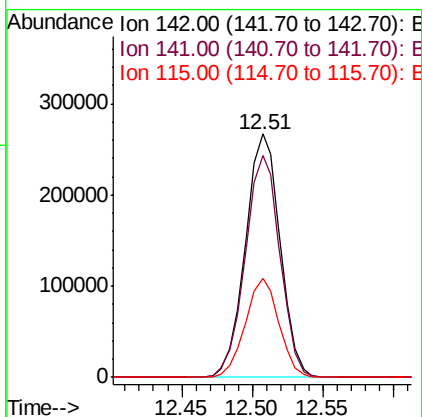
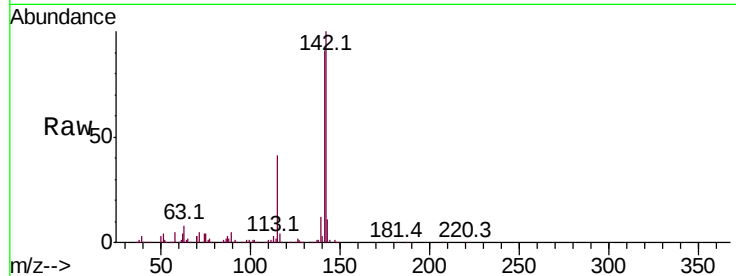




#37
 2-Methylnaphthalene
 Concen: 40.136 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG044928.D
 Acq: 24 Mar 2020 13:12

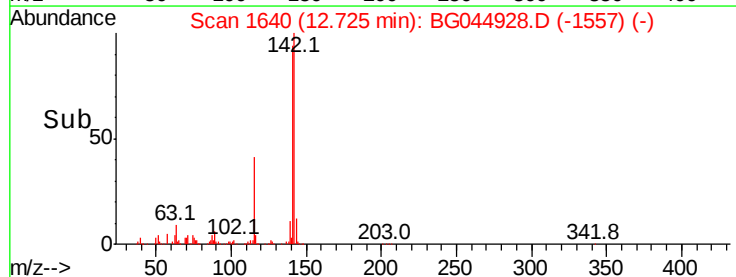
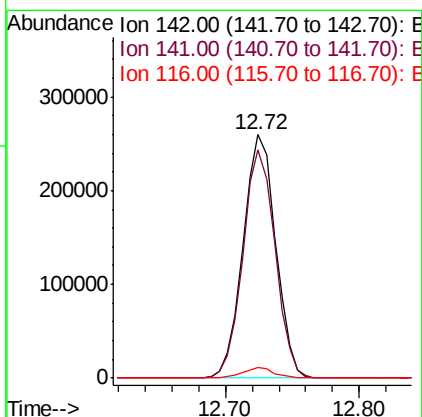
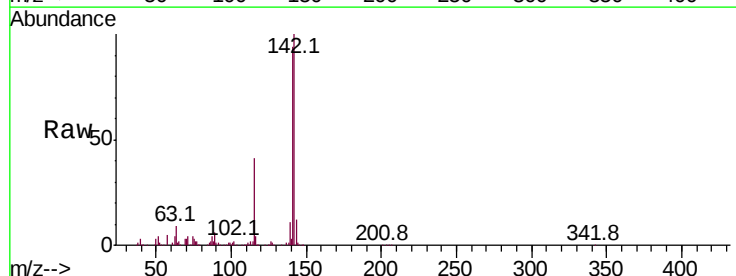
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

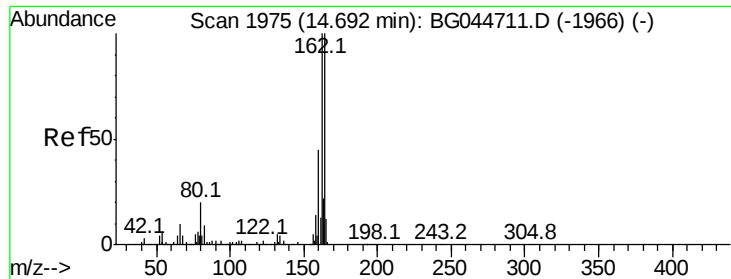
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	75.1	112.7
115	40.7	30.6	46.0



#38
 1-Methylnaphthalene
 Concen: 40.340 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG044928.D
 Acq: 24 Mar 2020 13:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.7	112.1
116	4.5	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

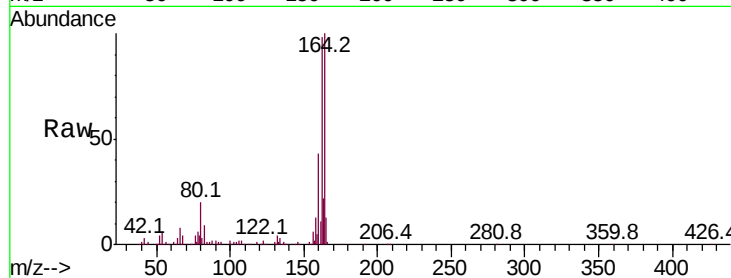
Tot Ion:164 Resp: 183768

Ion Ratio Lower Upper

164 100

162 98.1 76.7 115.1

160 42.9 35.0 52.4

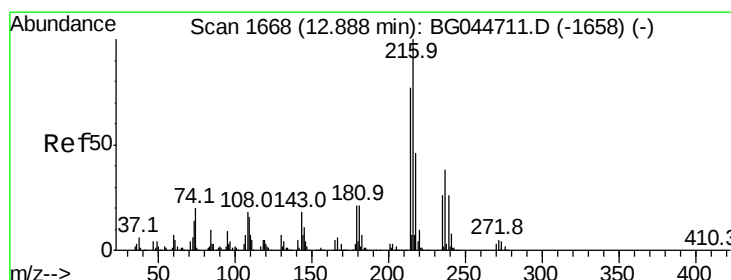
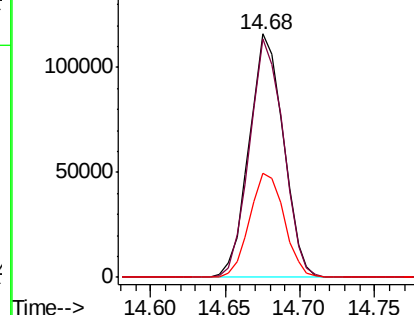
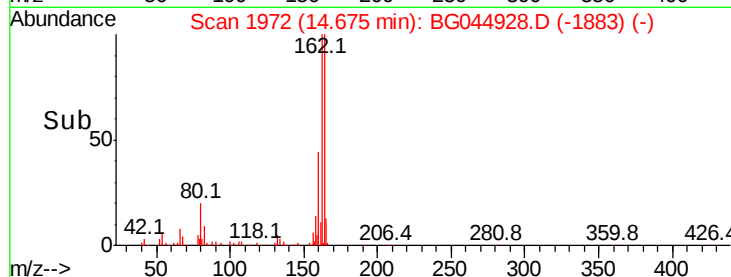


Abundance

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: 40.480 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Tgt Ion:216 Resp: 244988

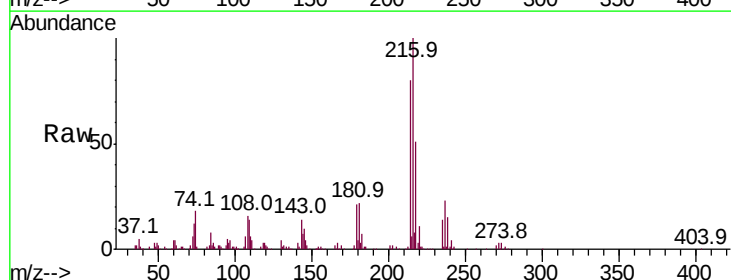
Ion Ratio Lower Upper

216 100

214 81.2 63.8 95.6

179 20.8 16.2 24.2

108 17.8 14.6 22.0



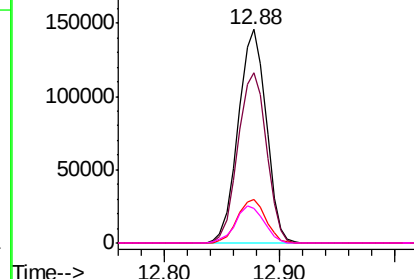
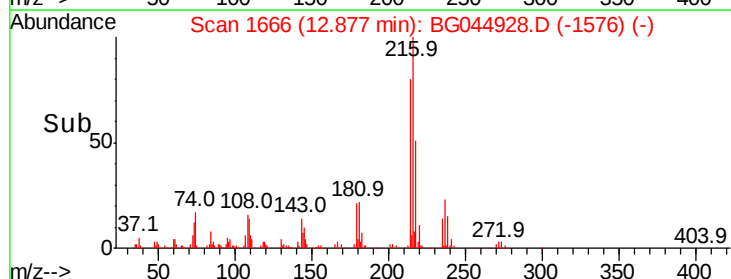
Abundance

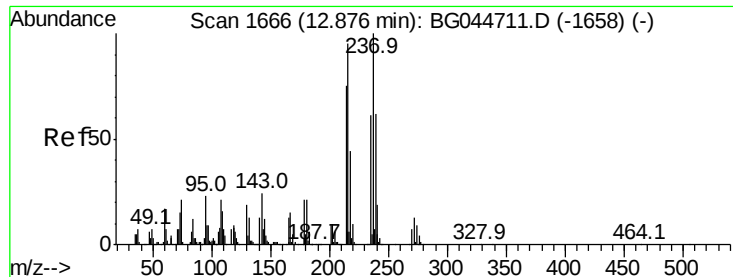
Ion 216.00 (215.70 to 216.70): E

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: 38.219 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

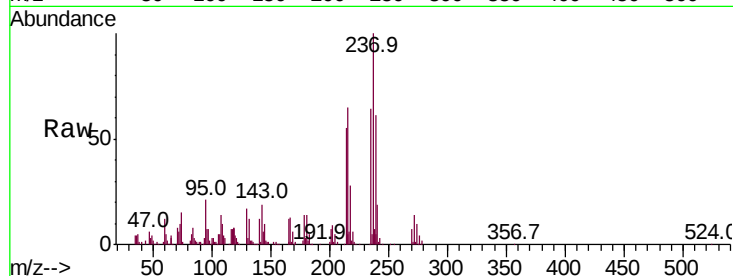
Tot Ion:237 Resp: 126410

Ion Ratio Lower Upper

237 100

235 63.9 42.9 82.9

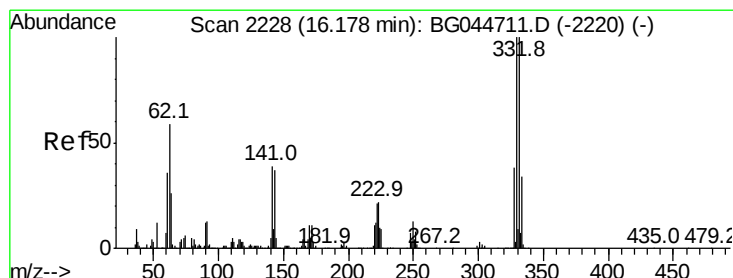
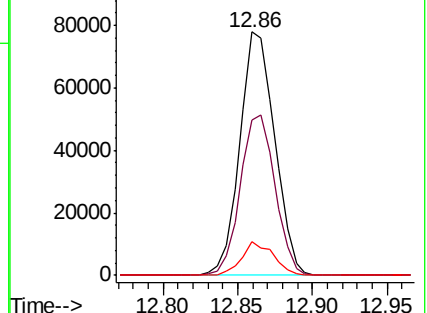
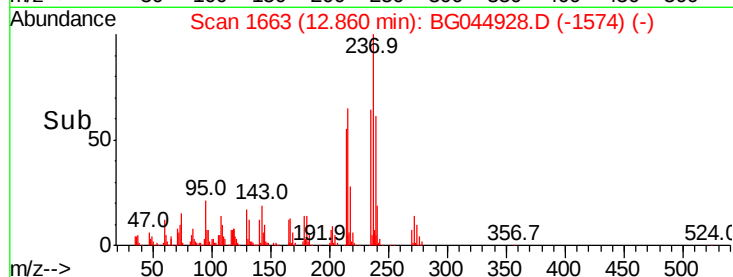
272 14.0 0.0 31.6



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: 81.529 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

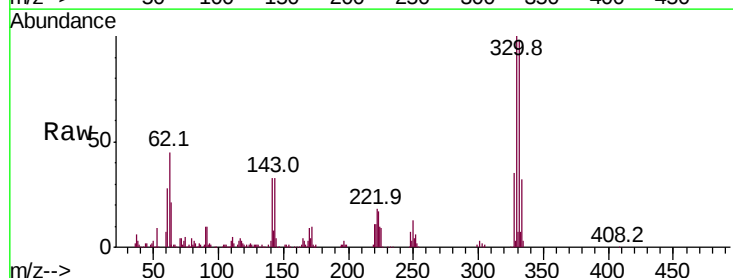
Tgt Ion:330 Resp: 196171

Ion Ratio Lower Upper

330 100

332 98.2 77.8 116.6

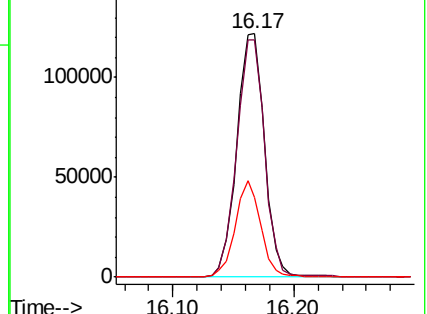
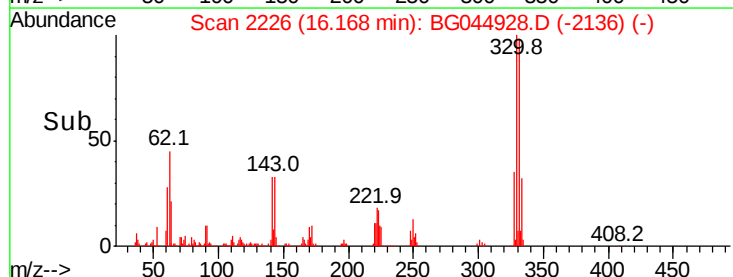
141 36.2 29.5 44.3

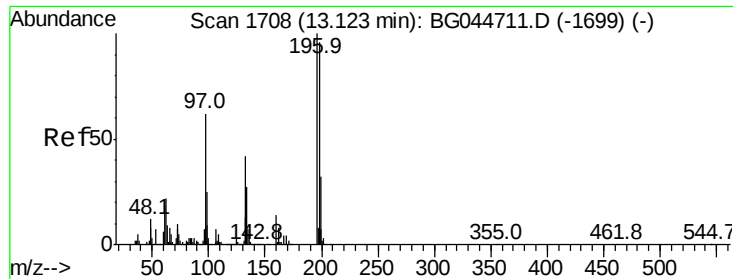


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

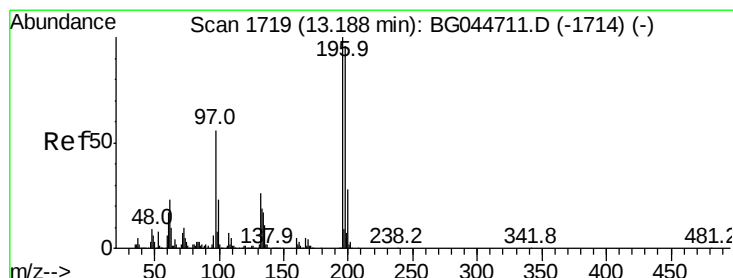
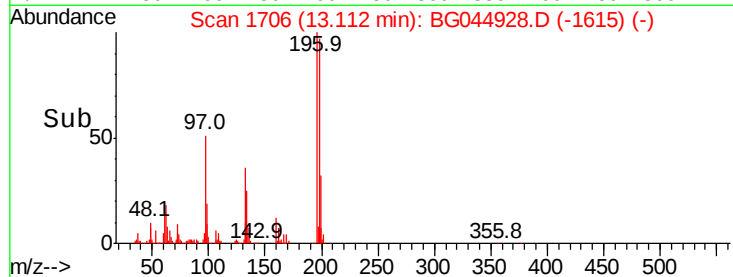
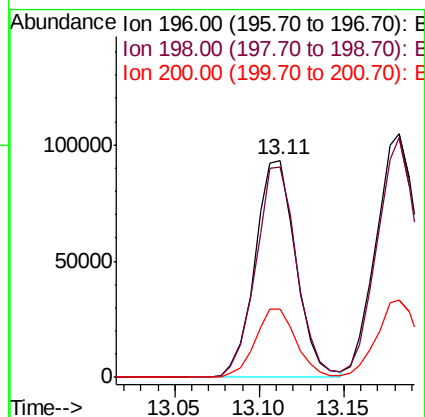
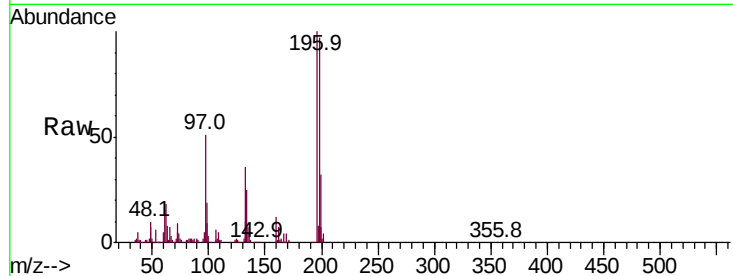




#43
 2,4,6-Trichlorophenol
 Concen: 38.866 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BG044928.D
 Acq: 24 Mar 2020 13:12

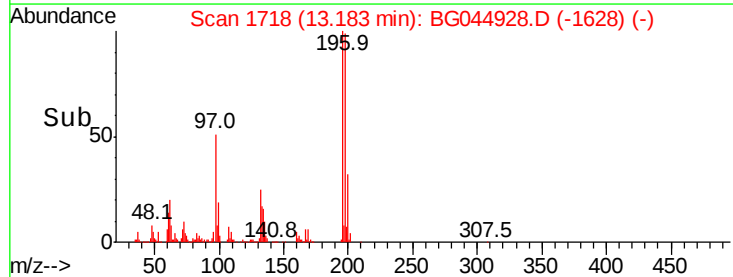
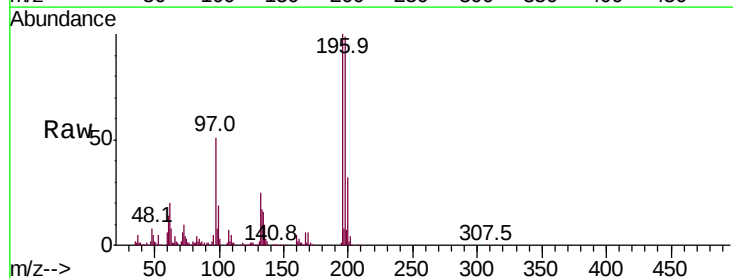
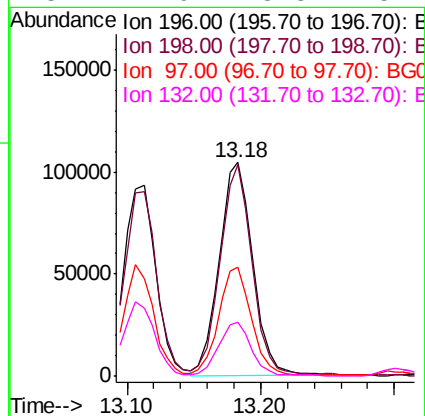
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

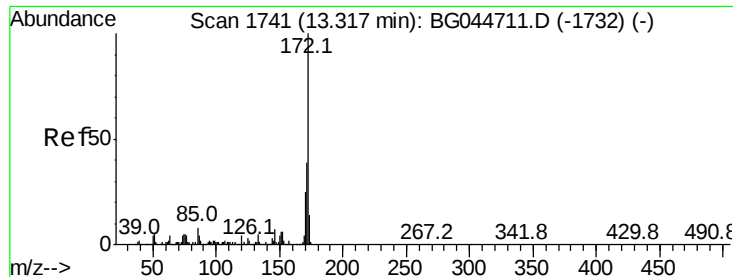
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	74.9	112.3
200	31.7	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.234 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG044928.D
 Acq: 24 Mar 2020 13:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.7	74.2	111.4
97	50.9	36.7	55.1
132	24.9	18.8	28.2

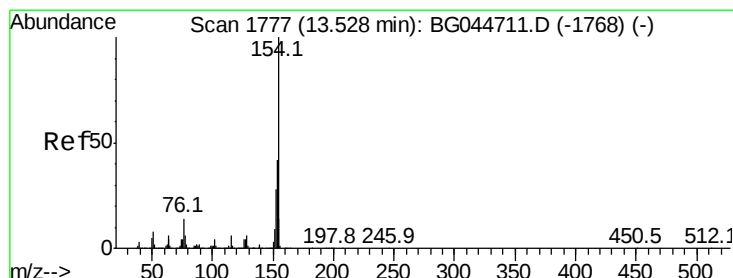
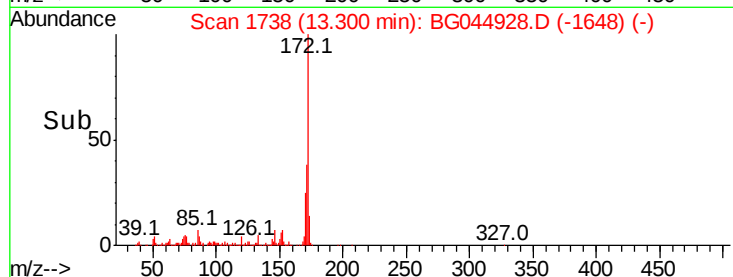
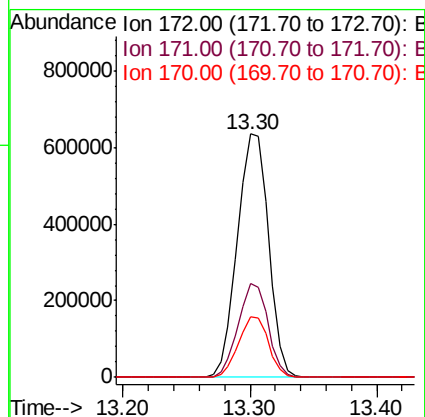
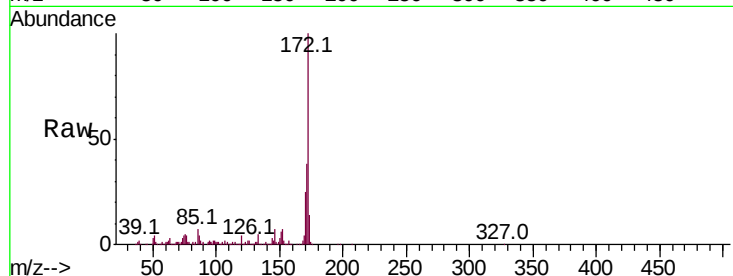




#45
2-Fluorobiphenyl
Concen: 84.322 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

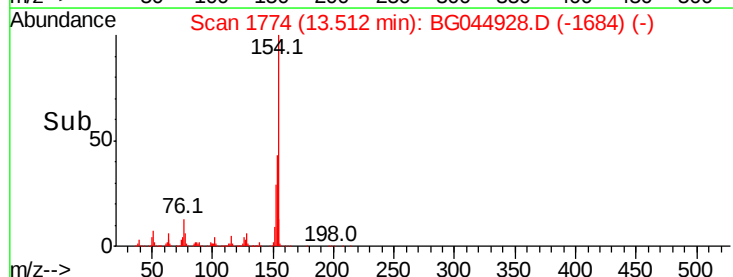
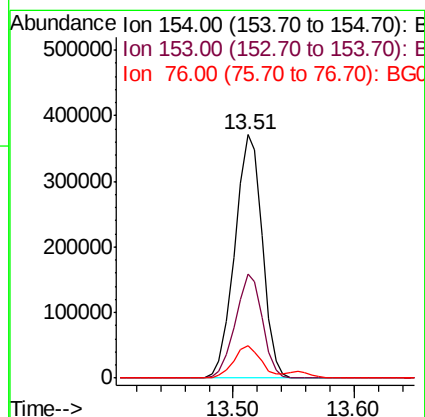
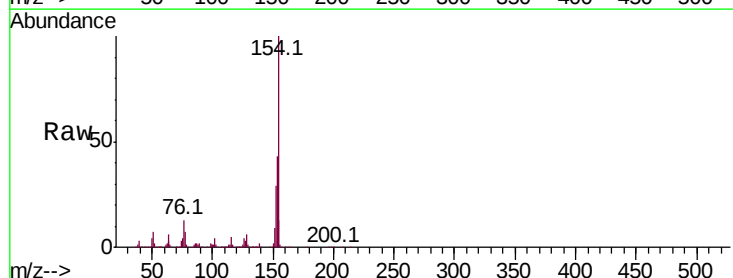
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

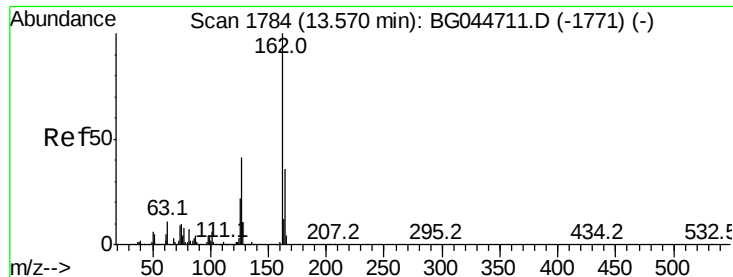
Tot Ion:172 Resp: 1082075
Ion Ratio Lower Upper
172 100
171 38.4 28.7 43.1
170 24.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 40.059 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

Tgt Ion:154 Resp: 588278
Ion Ratio Lower Upper
154 100
153 43.0 22.9 62.9
76 13.1 0.0 34.6

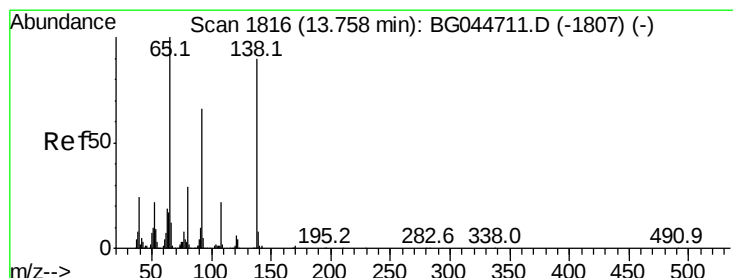
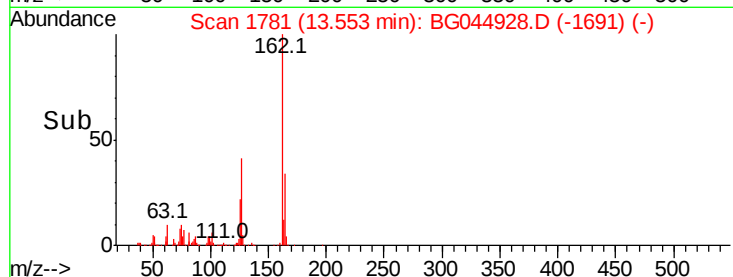
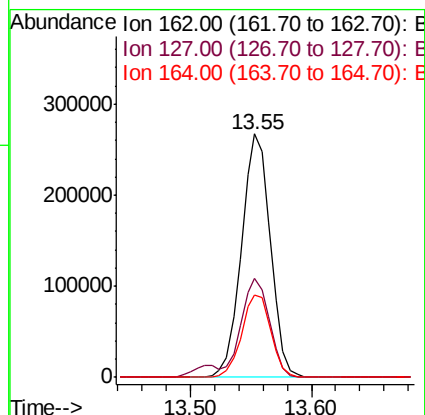
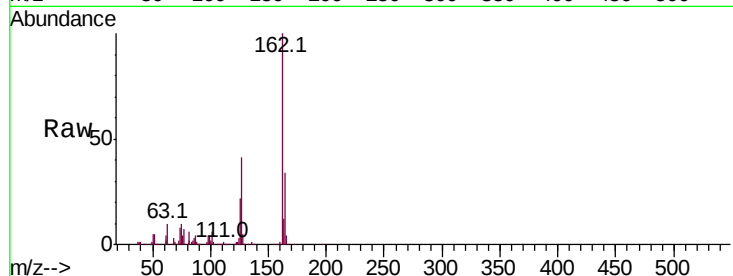




#47
2-Chloronaphthalene
Concen: 39.626 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

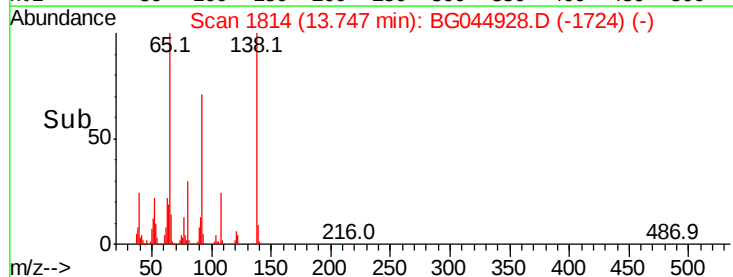
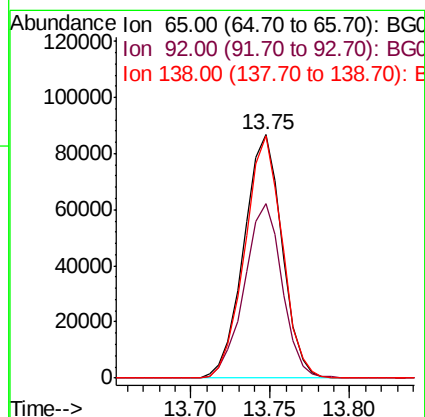
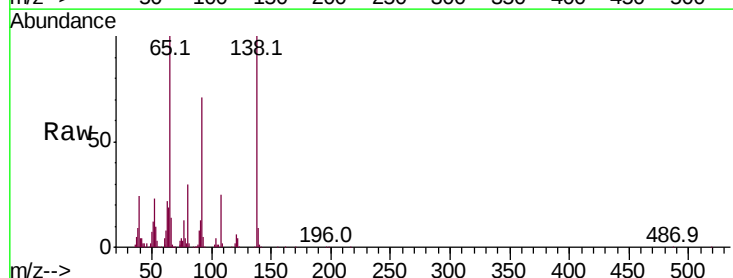
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

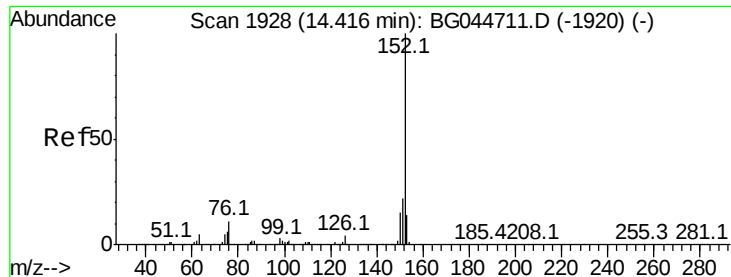
Tot Ion:162 Resp: 444543
Ion Ratio Lower Upper
162 100
127 40.6 33.1 49.7
164 33.9 27.4 41.2



#48
2-Nitroaniline
Concen: 36.952 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

Tgt Ion: 65 Resp: 145128
Ion Ratio Lower Upper
65 100
92 71.5 52.6 79.0
138 99.6 78.3 117.5





#49

Acenaphthylene

Concen: 41.343 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

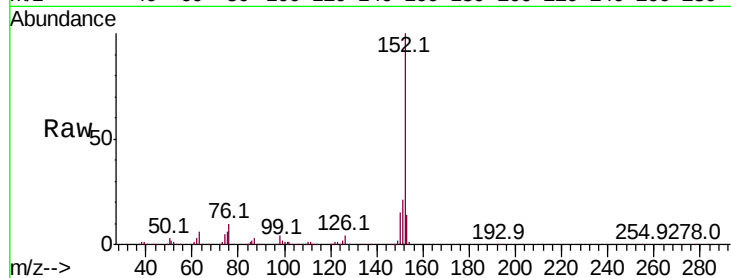
Tot Ion:152 Resp: 726600

Ion Ratio Lower Upper

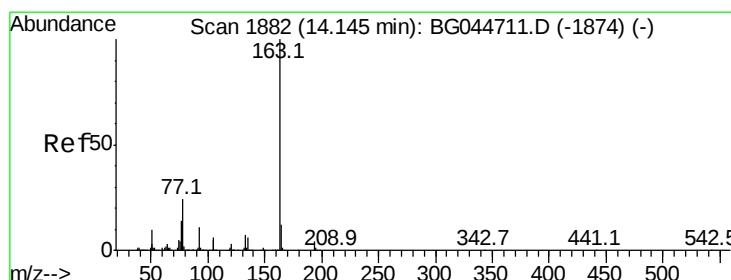
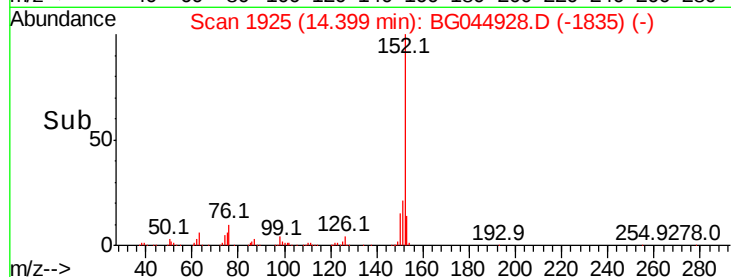
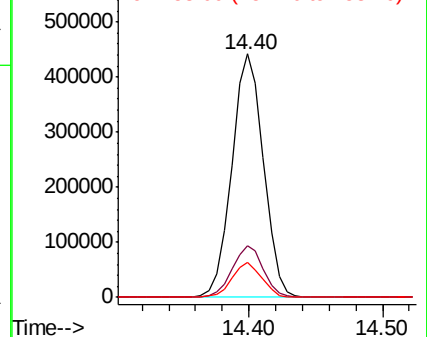
152 100

151 21.2 16.8 25.2

153 14.5 10.8 16.2



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: 39.348 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

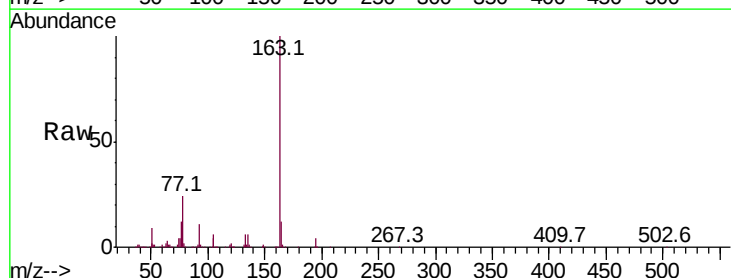
Tgt Ion:163 Resp: 575904

Ion Ratio Lower Upper

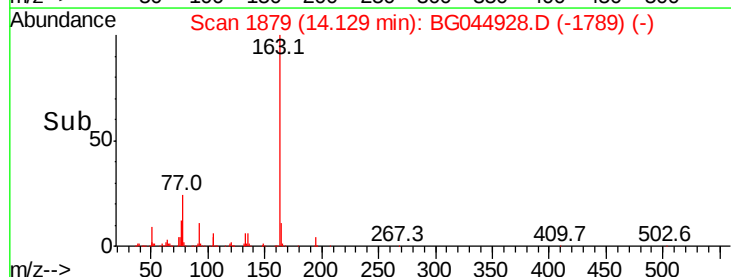
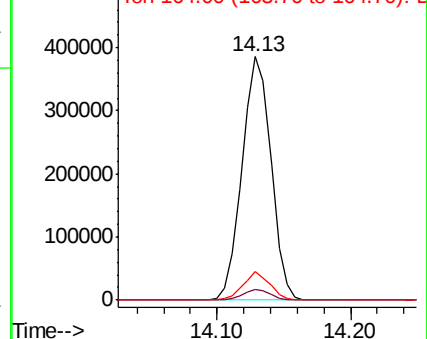
163 100

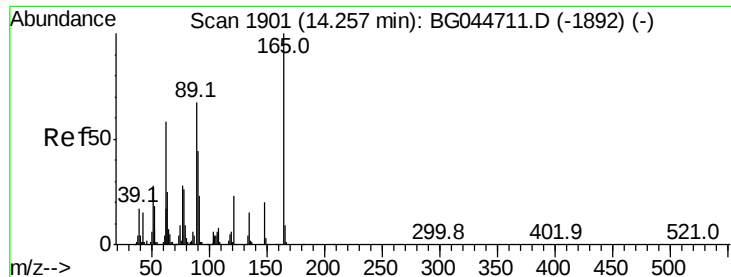
194 4.3 3.7 5.5

164 11.5 9.1 13.7



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: 43.448 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

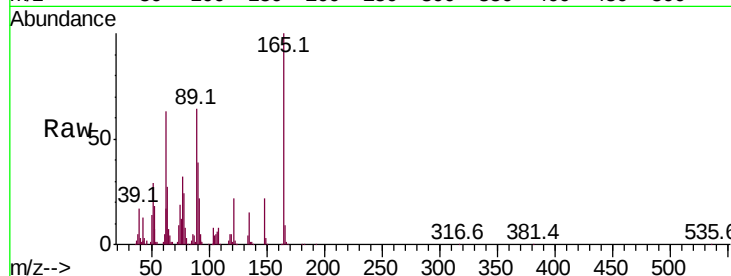
Tot Ion:165 Resp: 128181

Ion Ratio Lower Upper

165 100

63 63.2 45.8 68.8

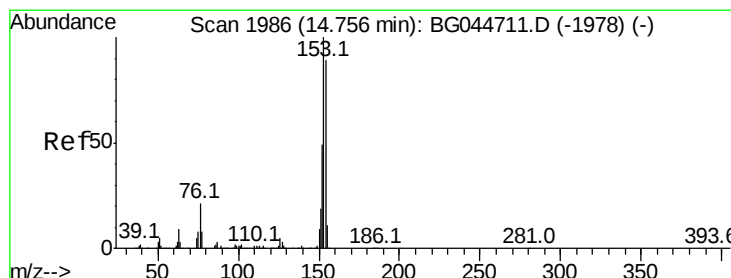
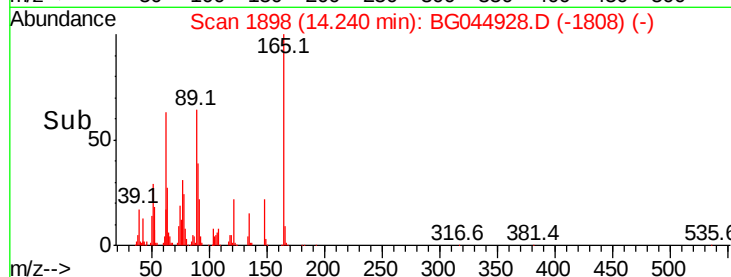
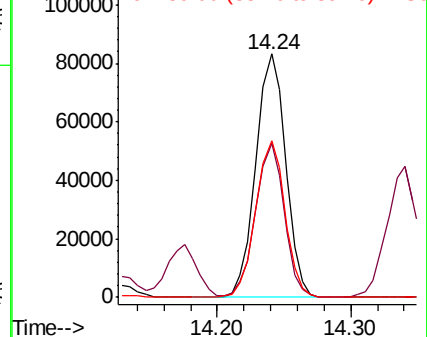
89 64.2 51.8 77.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.783 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

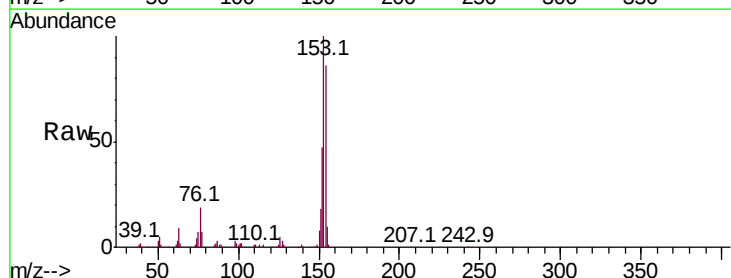
Tgt Ion:154 Resp: 457903

Ion Ratio Lower Upper

154 100

153 115.8 89.0 133.6

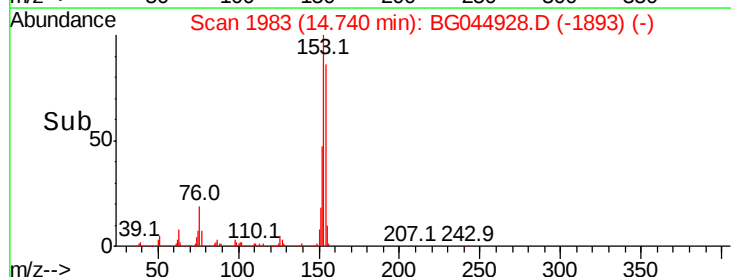
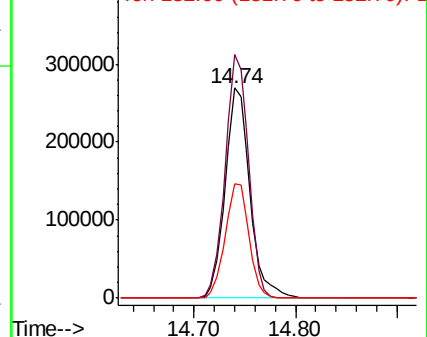
152 54.3 43.0 64.6

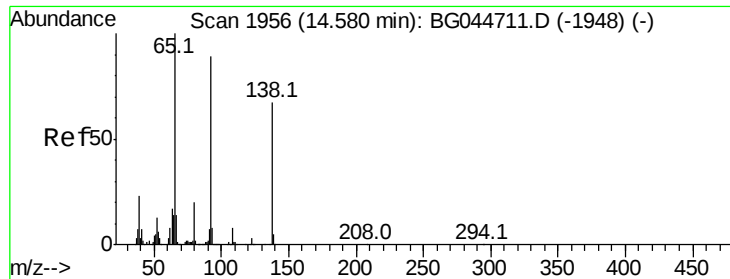


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 41.548 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

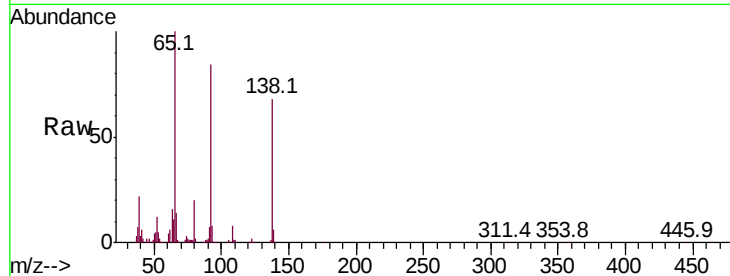
Tot Ion:138 Resp: 140925

Ion Ratio Lower Upper

138 100

108 11.9 9.0 13.4

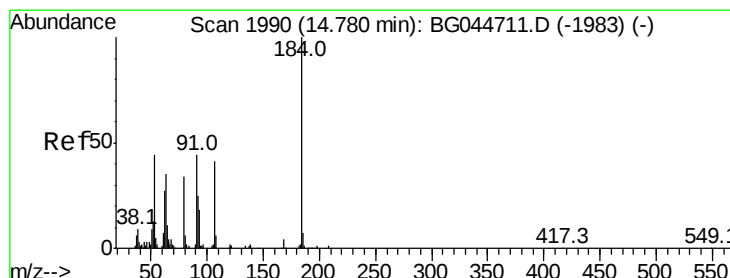
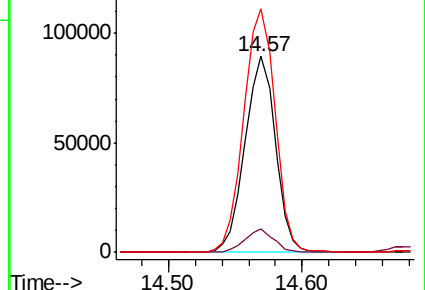
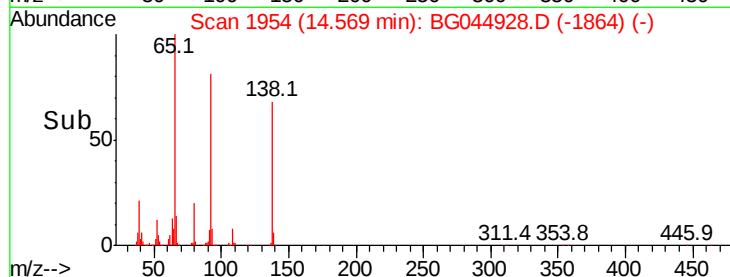
92 124.3 96.8 145.2



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: 36.053 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

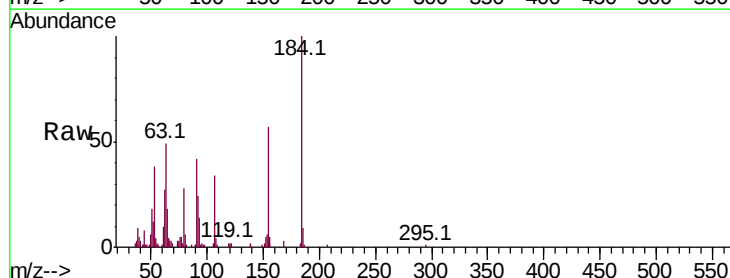
Tgt Ion:184 Resp: 47715

Ion Ratio Lower Upper

184 100

63 48.7 45.5 68.3

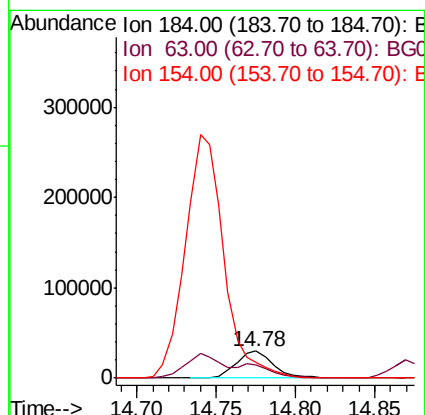
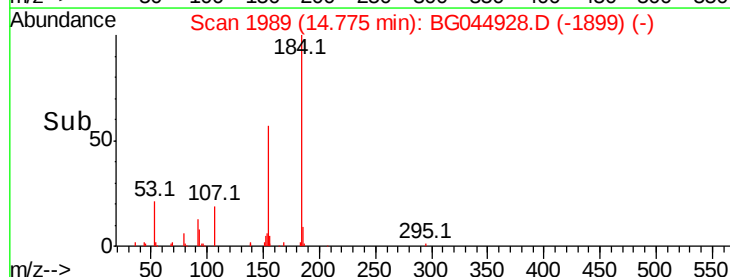
154 57.3 49.1 73.7

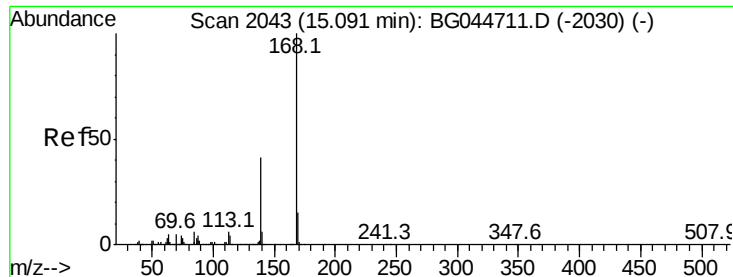


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.669 ng

RT: 15.07 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

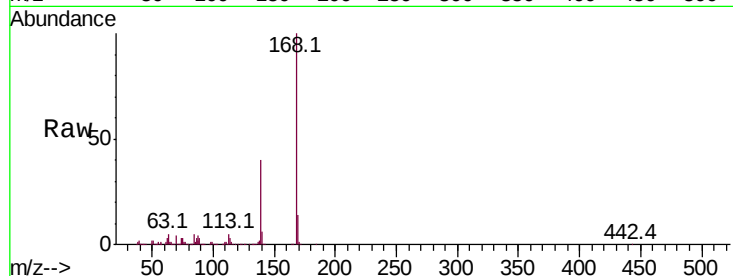
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 695504

Ion	Ratio	Lower	Upper
168	100		
139	39.7	31.4	47.0
169	14.3	11.1	16.7

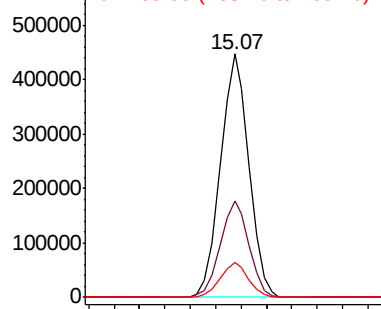


Abundance

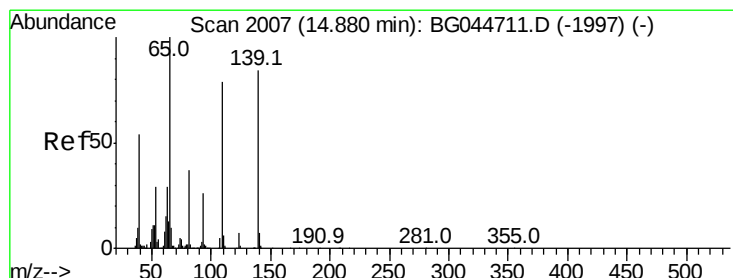
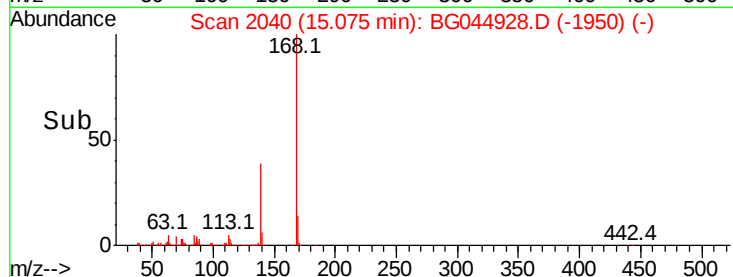
Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->



#56

4-Nitrophenol

Concen: 38.242 ng

RT: 14.87 min Scan# 2005

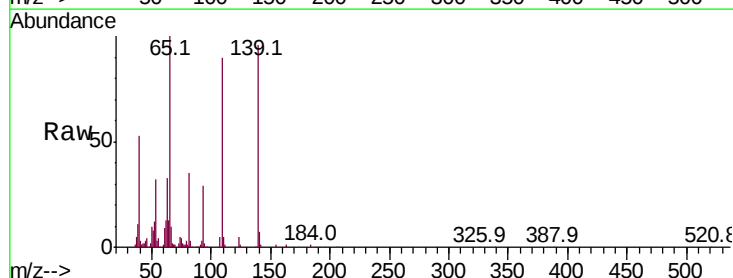
Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Tgt Ion:139 Resp: 98993

Ion	Ratio	Lower	Upper
139	100		
109	94.0	68.8	108.8
65	104.3	92.5	132.5

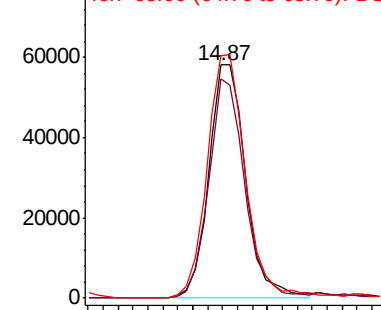


Abundance

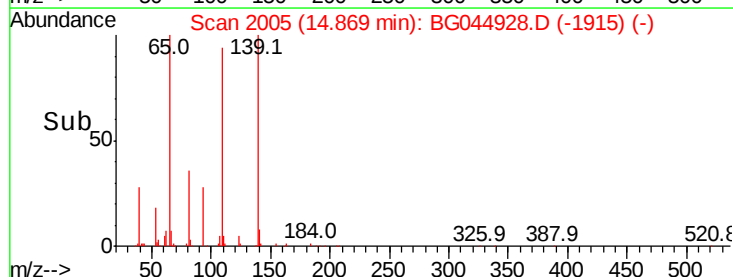
Ion 139.00 (138.70 to 139.70): E

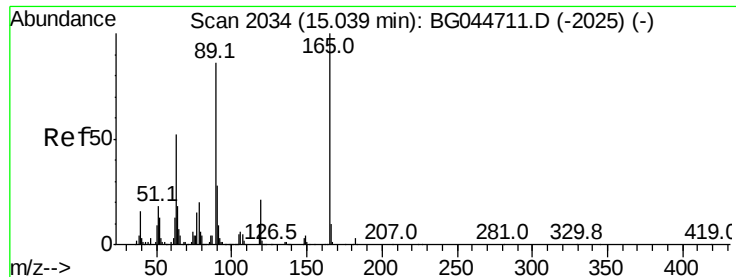
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG



Time-->

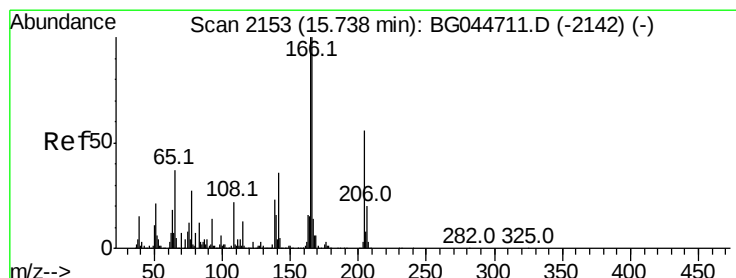
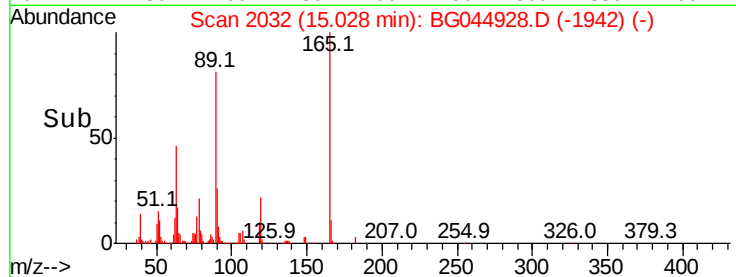
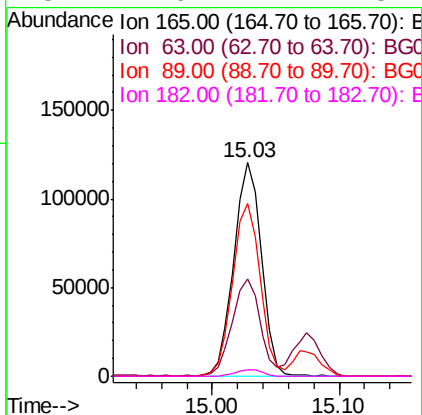
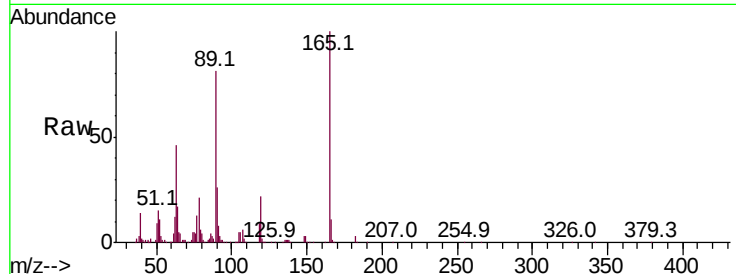




#57
2,4-Dinitrotoluene
Concen: 44.868 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

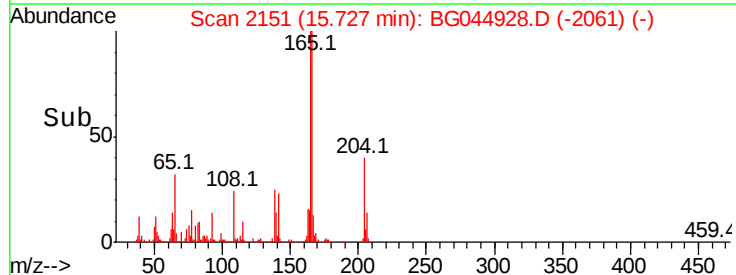
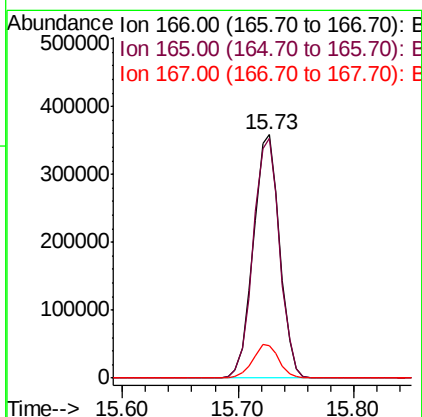
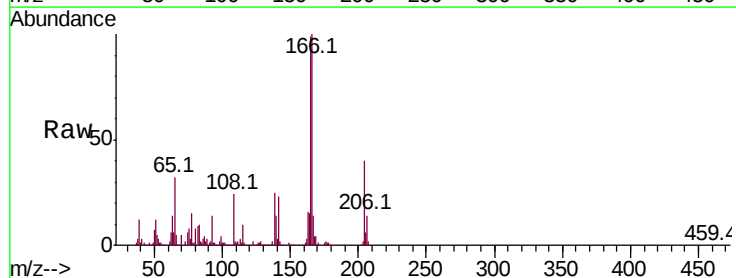
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

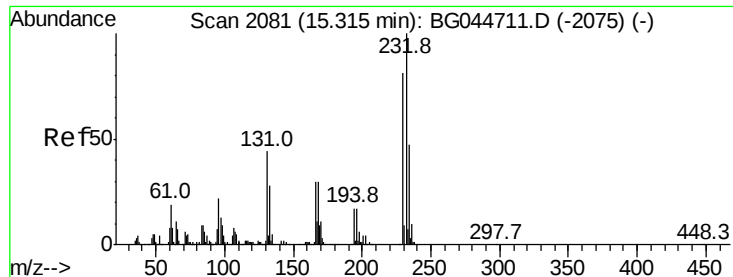
Tot Ion:165 Resp: 181543
Ion Ratio Lower Upper
165 100
63 45.5 34.6 52.0
89 80.8 61.3 91.9
182 2.9 2.2 3.2



#58
Fluorene
Concen: 41.557 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

Tgt Ion:166 Resp: 570589
Ion Ratio Lower Upper
166 100
165 98.7 79.7 119.5
167 13.5 10.6 16.0

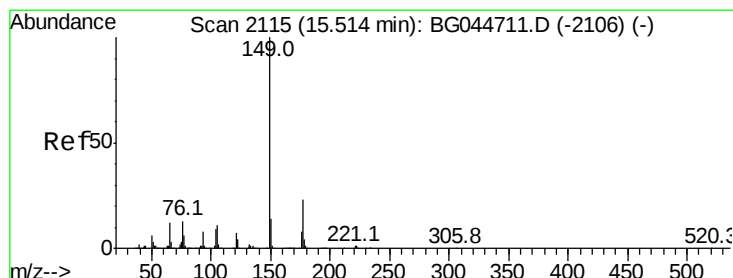
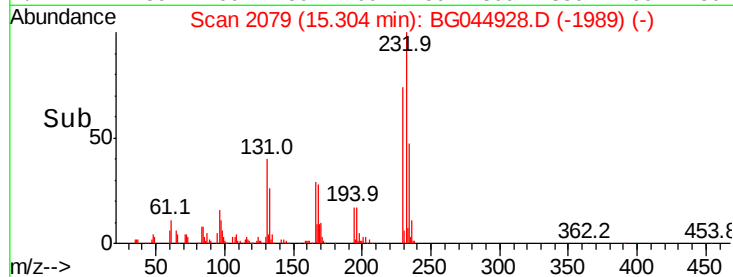
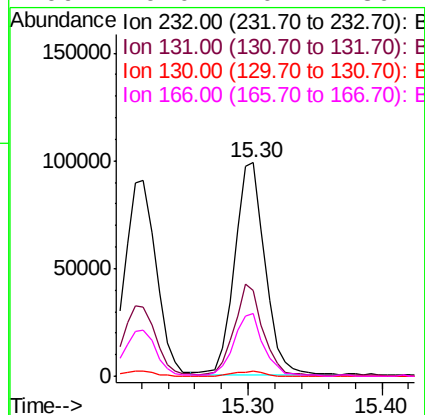
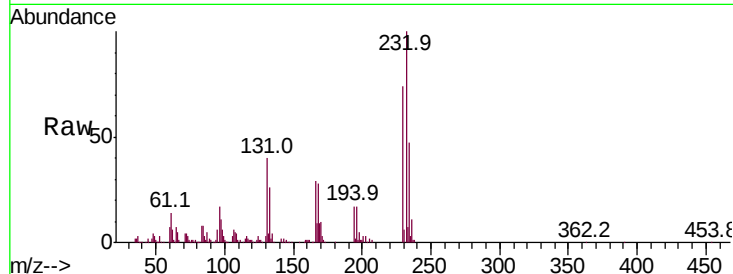




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.639 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: BG044928.D
 Acq: 24 Mar 2020 13:12

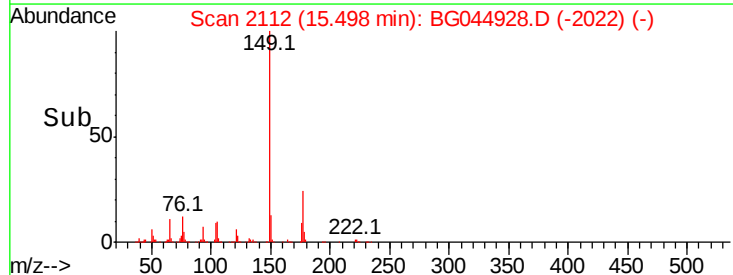
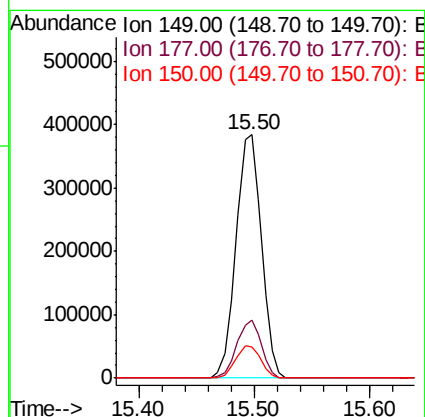
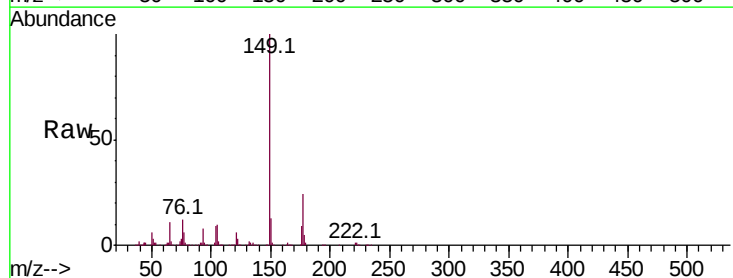
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

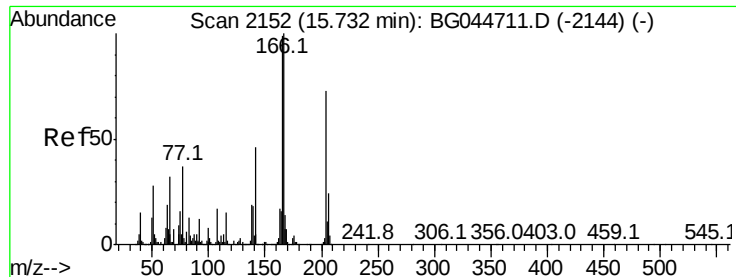
Tot Ion:	232	Resp:	155844
Ion	Ratio	Lower	Upper
232	100		
131	41.1	31.8	47.8
130	2.6	2.2	3.2
166	29.0	20.2	30.2



#60
 Diethylphthalate
 Concen: 38.257 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG044928.D
 Acq: 24 Mar 2020 13:12

Tgt Ion:	149	Resp:	584018
Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.3	28.9
150	12.7	11.0	16.6

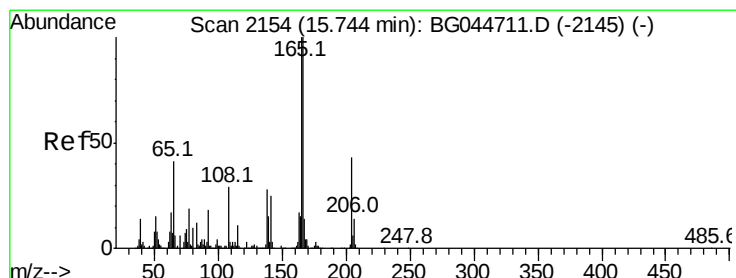
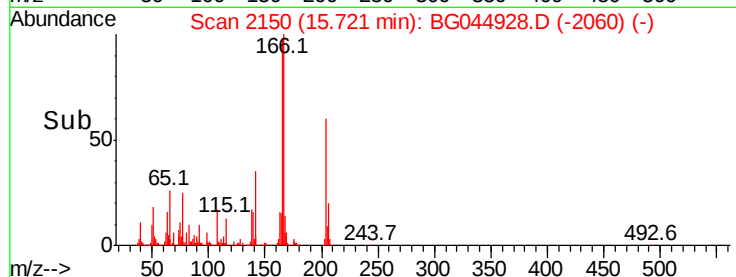
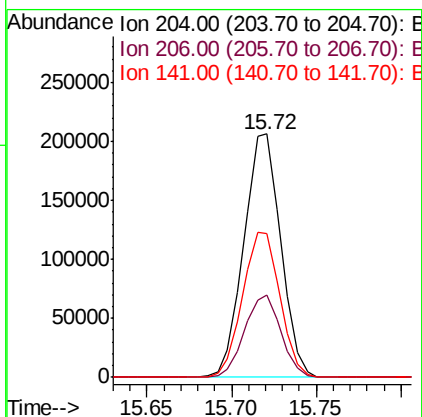
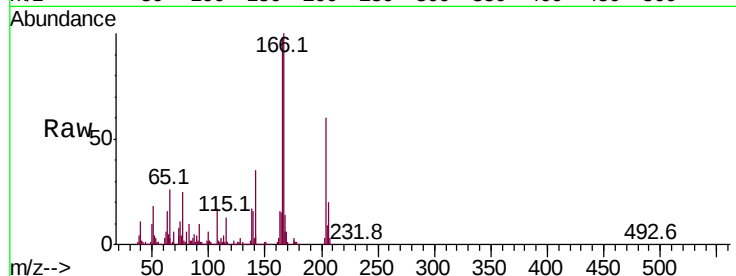




#61
4-Chlorophenyl-phenylether
Concen: 42.461 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

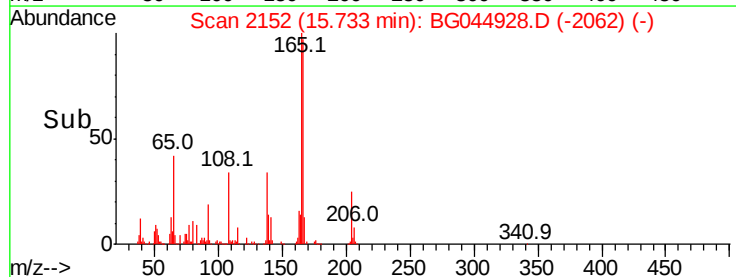
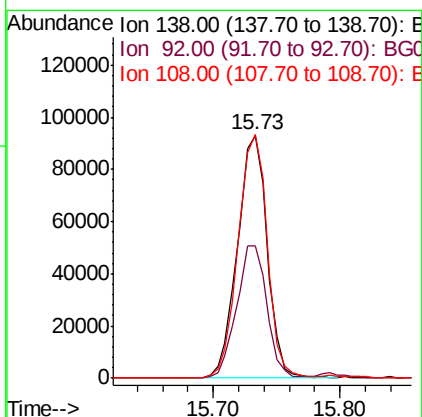
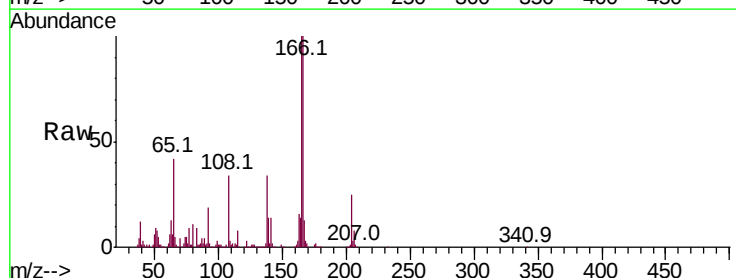
Instrument :
BNA_G
ClientSampled :
SSTDCCC040

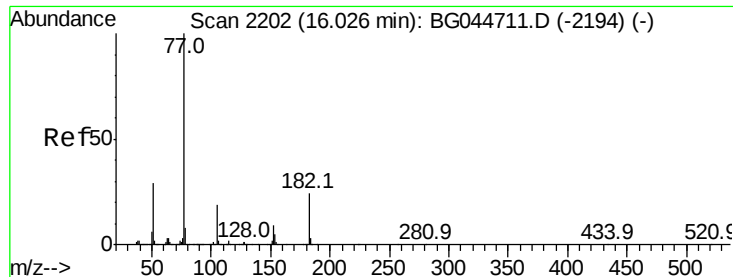
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.2	39.2
141	58.9	47.7	71.5



#62
4-Nitroaniline
Concen: 41.875 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.7	34.5	74.5
108	100.4	74.5	114.5





#63

Azobenzene

Concen: 38.063 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 603390

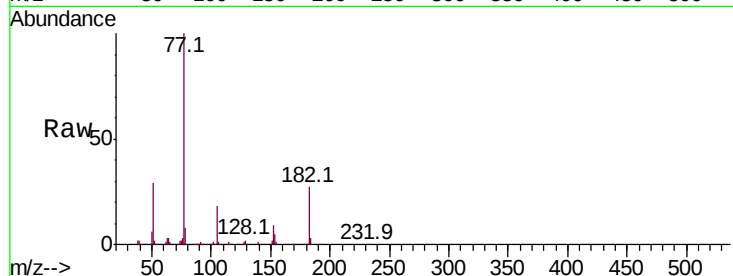
Ion Ratio Lower Upper

77 100

182 26.8 6.4 46.4

105 18.3 0.0 39.1

51 28.9 7.3 47.3

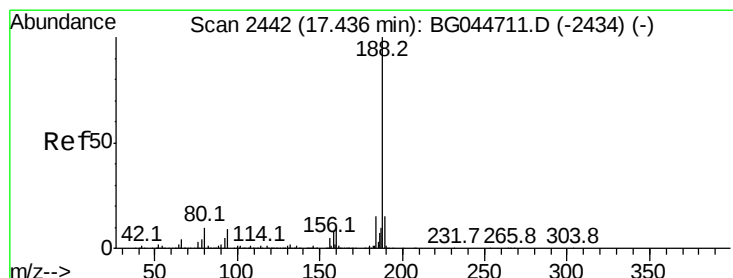
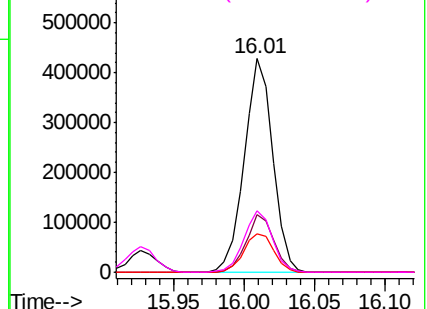
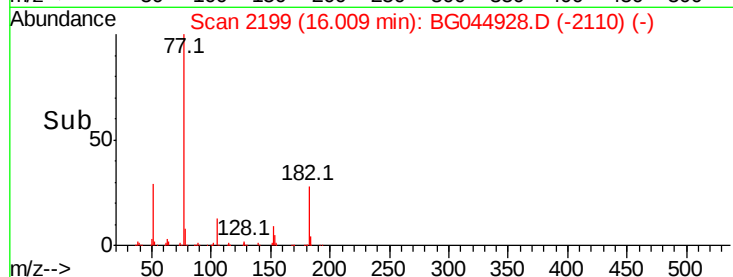


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

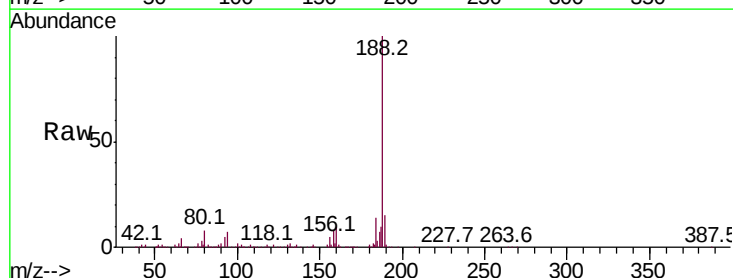
Tgt Ion: 188 Resp: 426638

Ion Ratio Lower Upper

188 100

94 7.2 7.3 10.9#

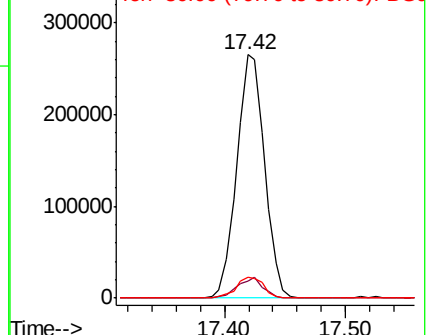
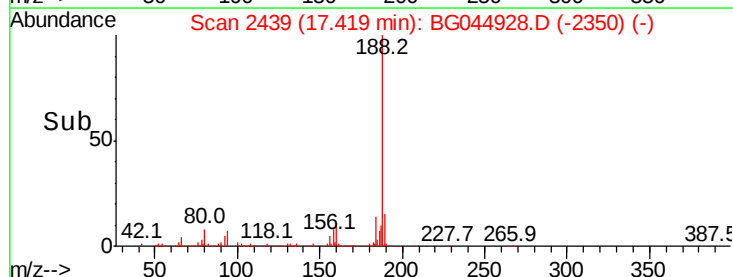
80 8.4 8.0 12.0

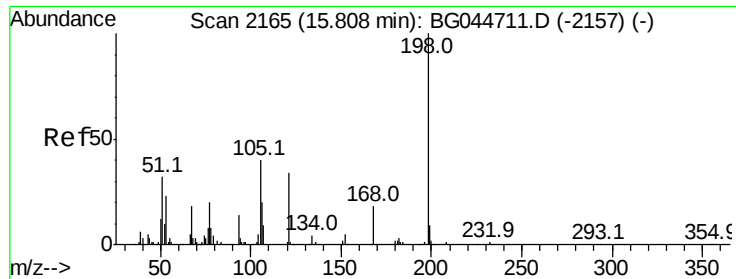


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 40.452 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

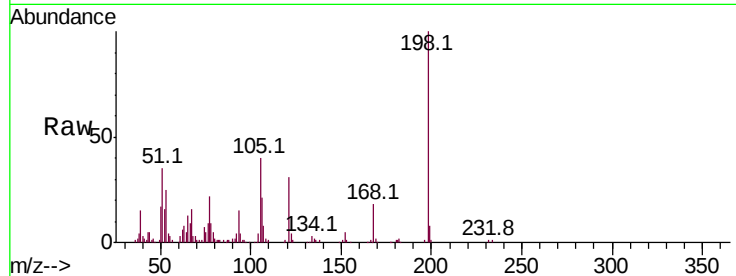
Tot Ion:198 Resp: 78307

Ion Ratio Lower Upper

198 100

51 35.1 21.1 61.1

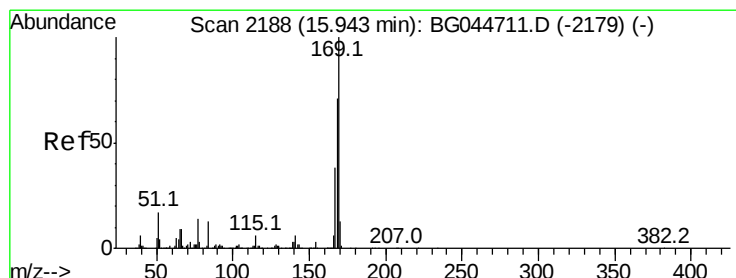
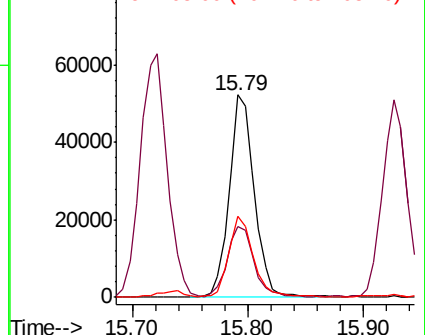
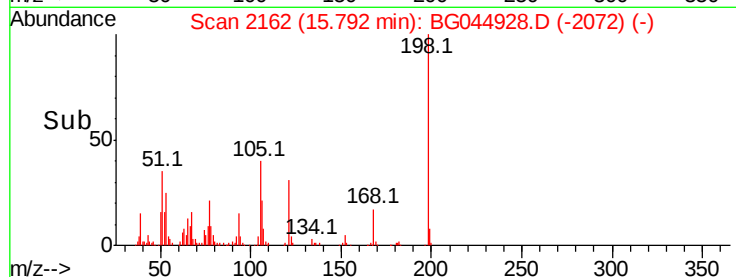
105 40.0 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.225 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

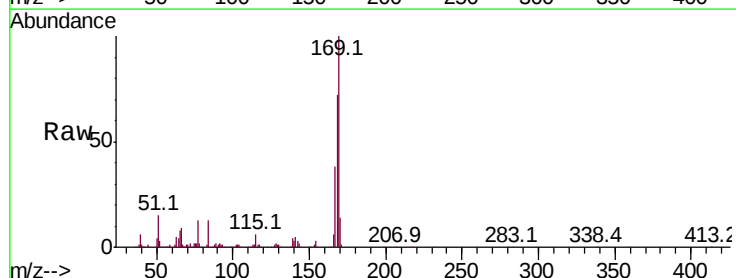
Tgt Ion:169 Resp: 503835

Ion Ratio Lower Upper

169 100

168 71.8 55.4 83.2

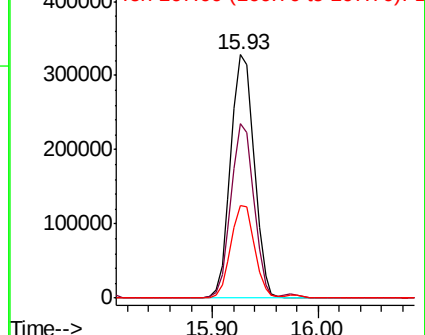
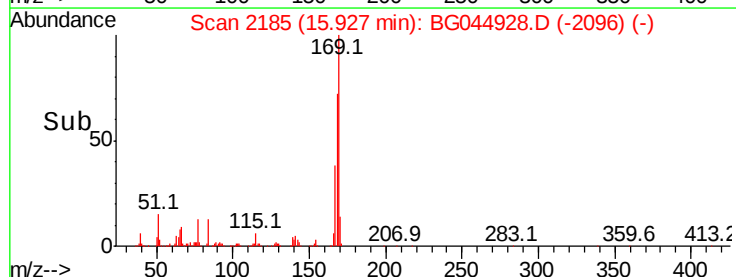
167 38.2 30.1 45.1

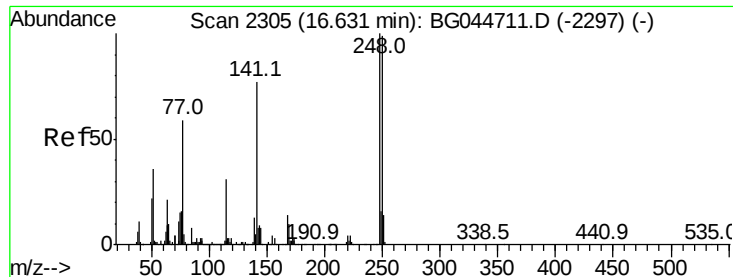


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

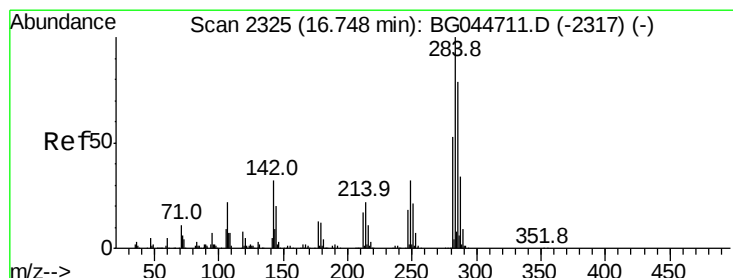
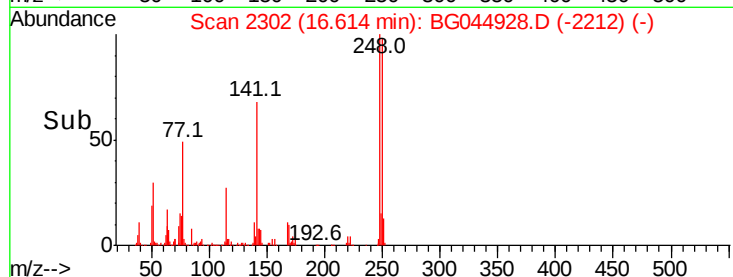
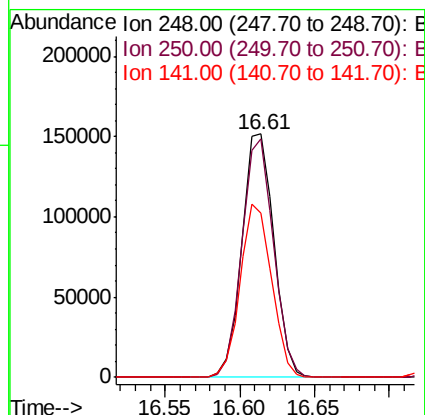
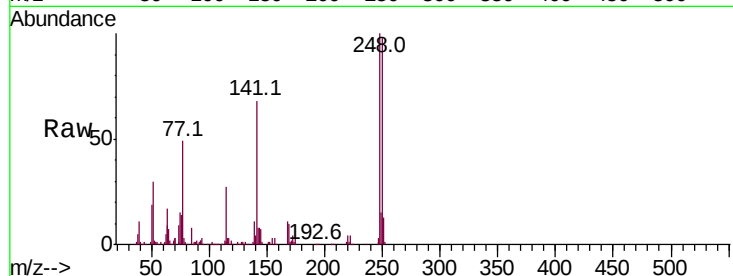




#67
4-Bromophenyl-phenylether
Concen: 42.059 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

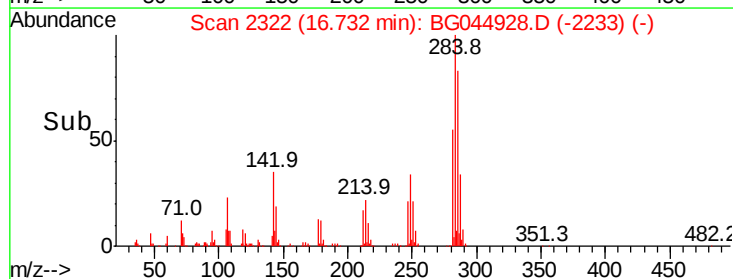
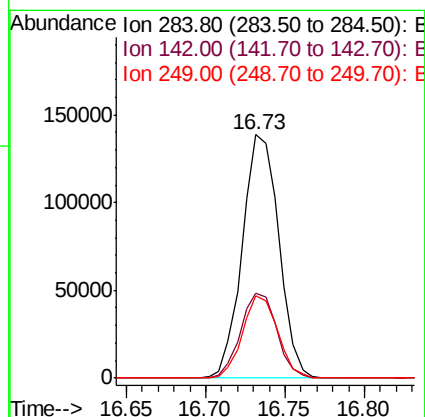
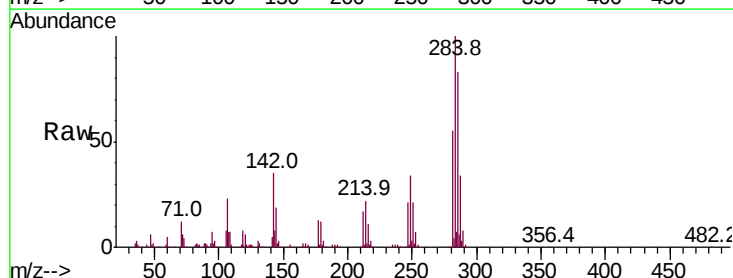
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

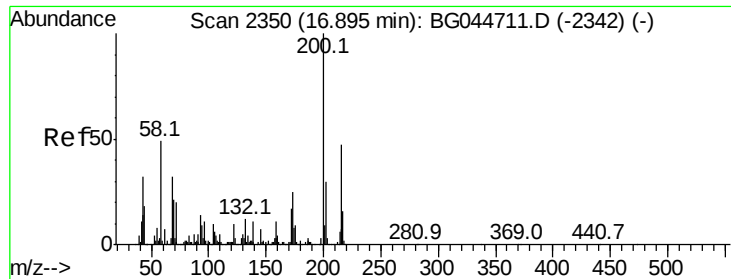
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.9	116.9
141	67.7	57.5	86.3



#68
Hexachlorobenzene
Concen: 38.295 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	25.0	37.6
249	33.6	25.8	38.8





#69

Atrazine

Concen: 40.364 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

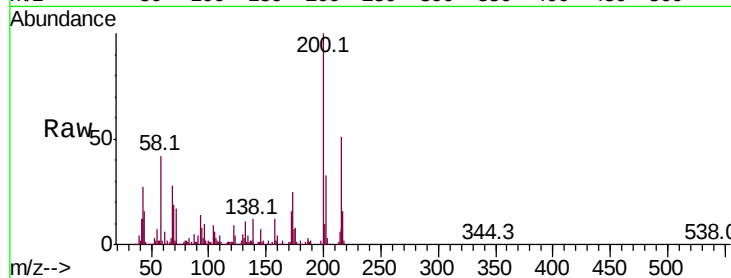
Tot Ion:200 Resp: 189953

Ion Ratio Lower Upper

200 100

173 24.9 5.3 45.3

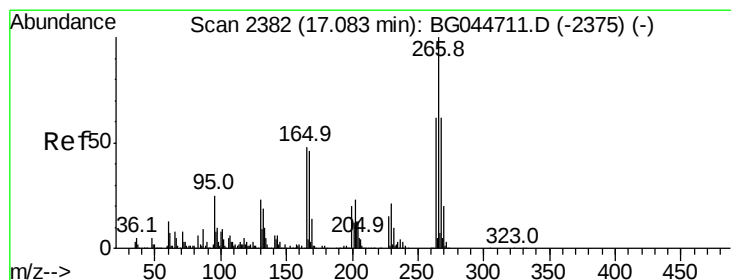
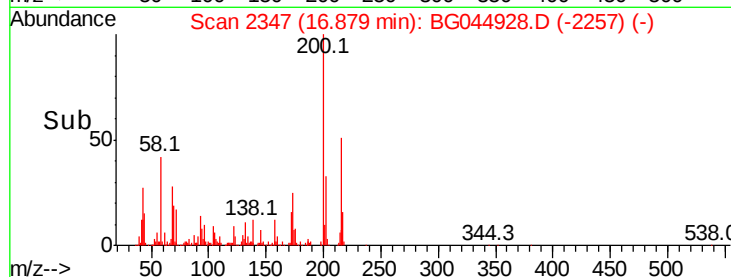
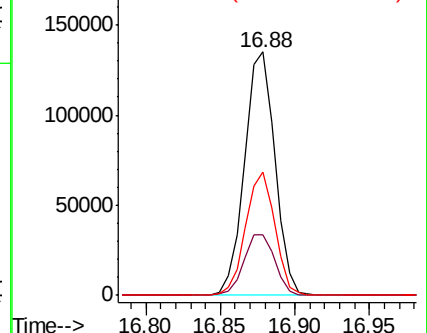
215 50.7 28.9 68.9



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: 36.900 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

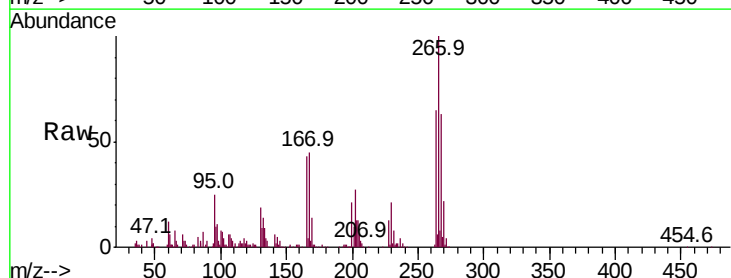
Tgt Ion:266 Resp: 117479

Ion Ratio Lower Upper

266 100

268 63.4 50.3 75.5

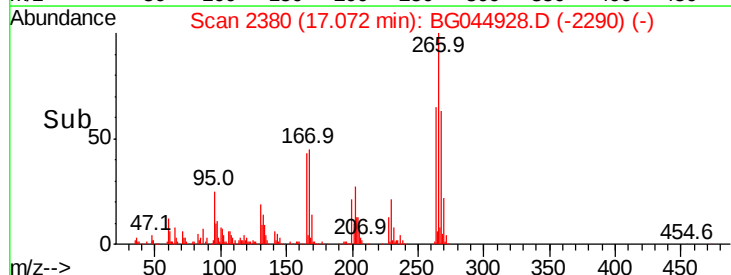
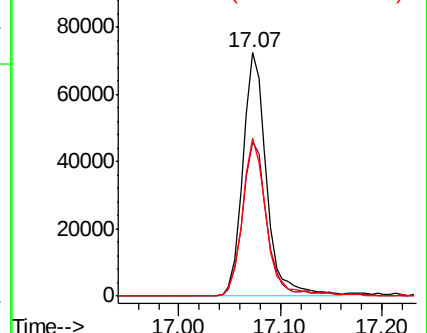
264 64.6 51.4 77.2

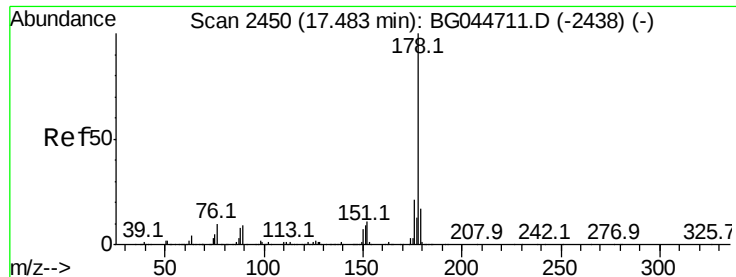


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.088 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

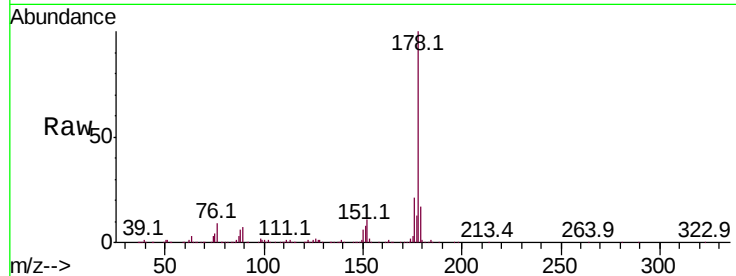
Tot Ion:178 Resp: 936753

Ion Ratio Lower Upper

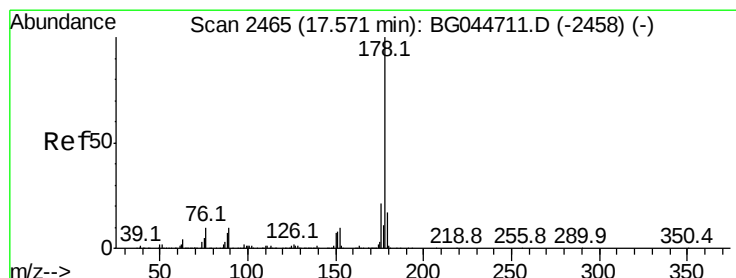
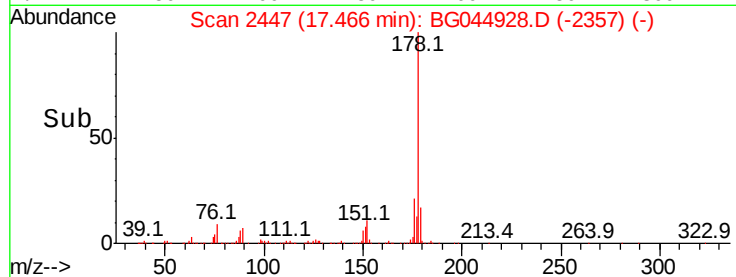
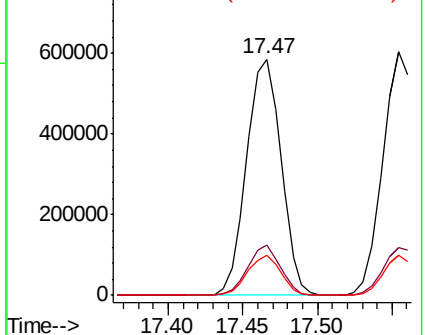
178 100

176 21.1 16.6 24.8

179 16.8 13.5 20.3



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: 41.495 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

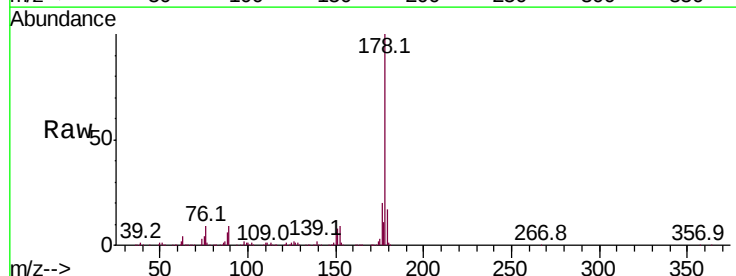
Tgt Ion:178 Resp: 932838

Ion Ratio Lower Upper

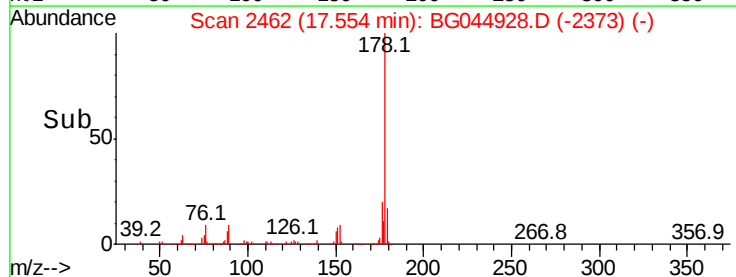
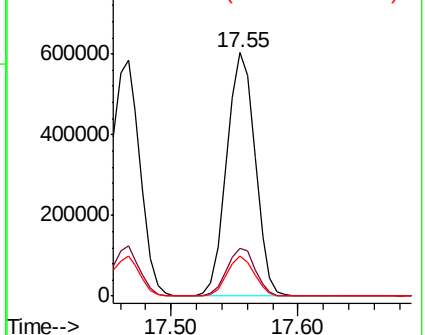
178 100

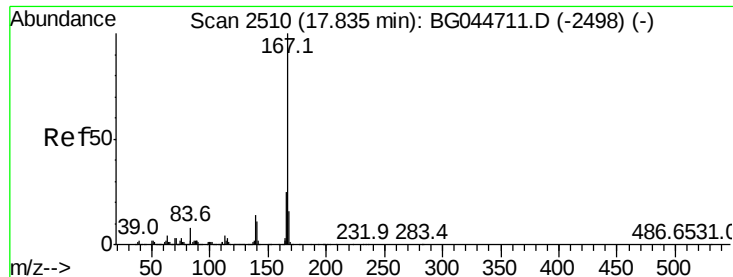
176 19.5 15.9 23.9

179 16.6 13.2 19.8



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: 42.899 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

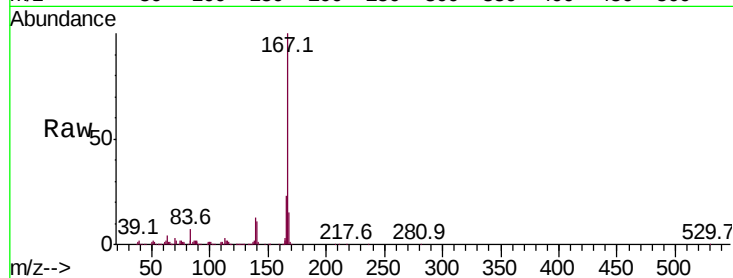
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 926380

Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.8	28.2
139	13.2	10.8	16.2

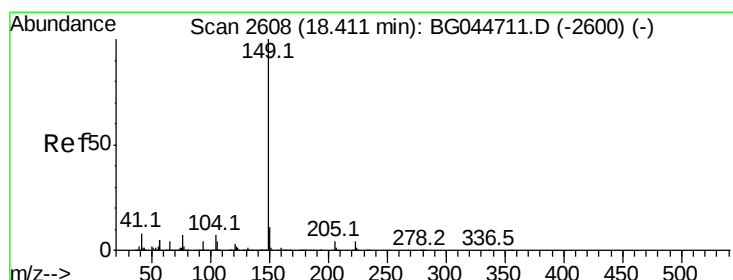
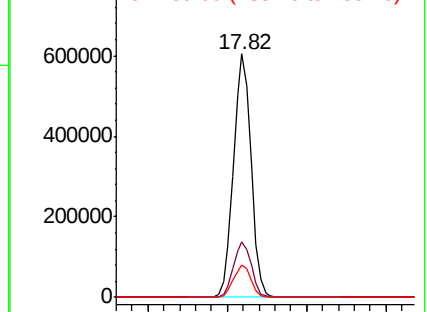
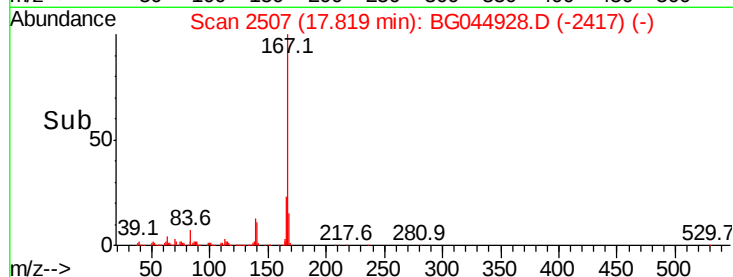


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.578 ng

RT: 18.39 min Scan# 2604

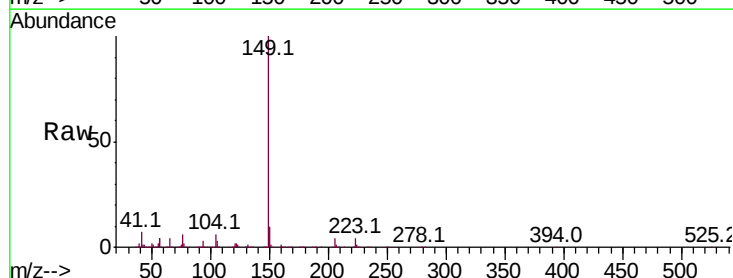
Delta R.T. -0.01 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Tgt Ion:149 Resp: 1038935

Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	6.4	5.0	7.4

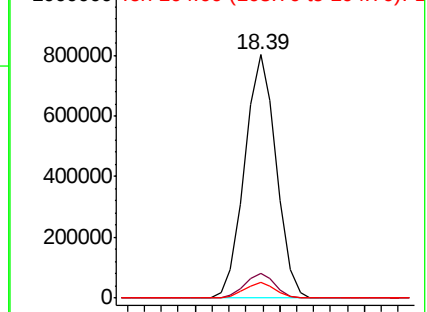
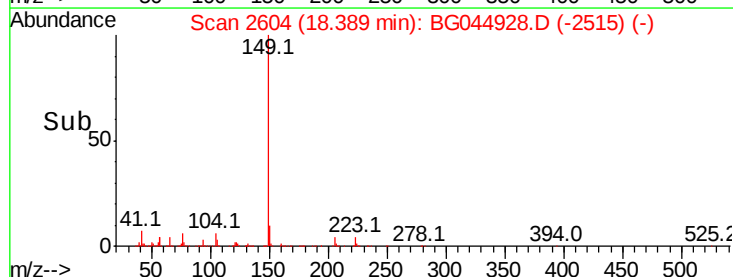


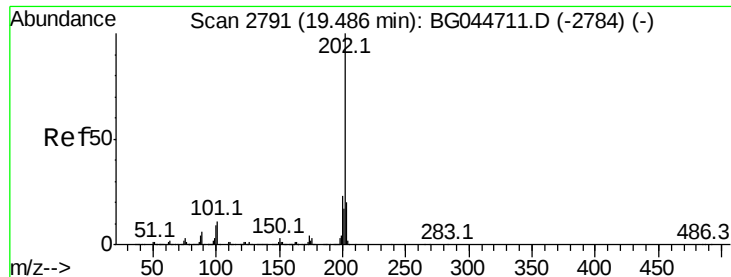
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.915 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

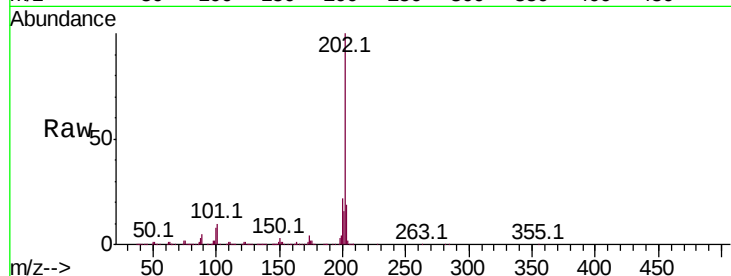
Tot Ion:202 Resp: 1192105

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.8

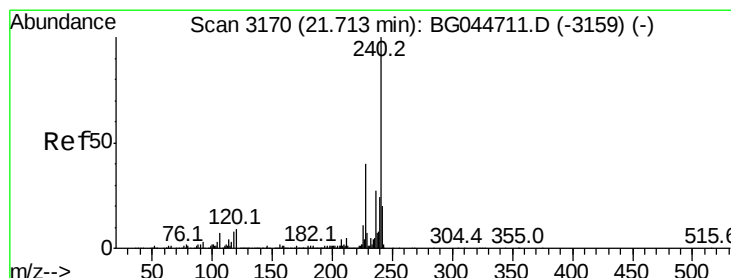
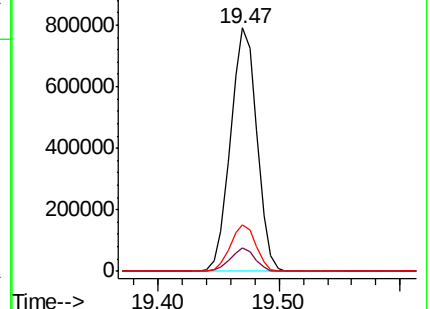
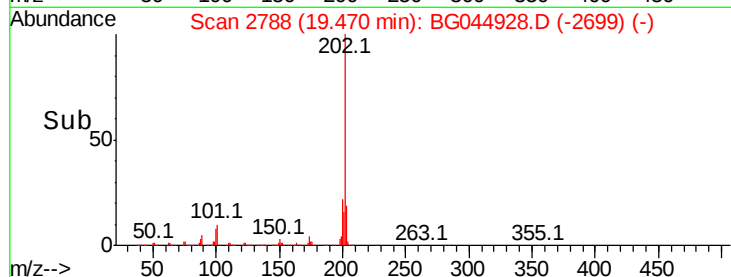
203 19.1 0.0 39.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

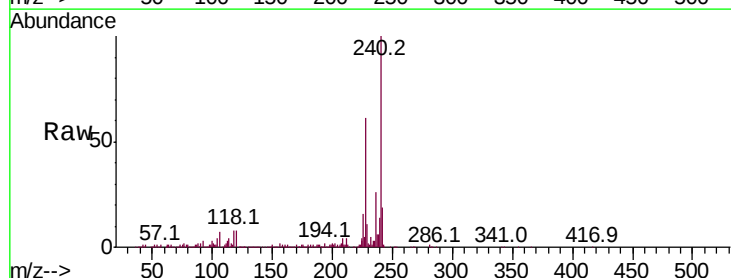
Tgt Ion:240 Resp: 425505

Ion Ratio Lower Upper

240 100

120 8.4 6.7 10.1

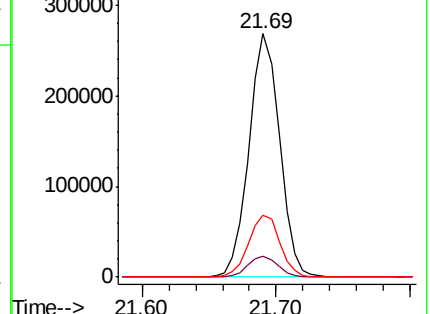
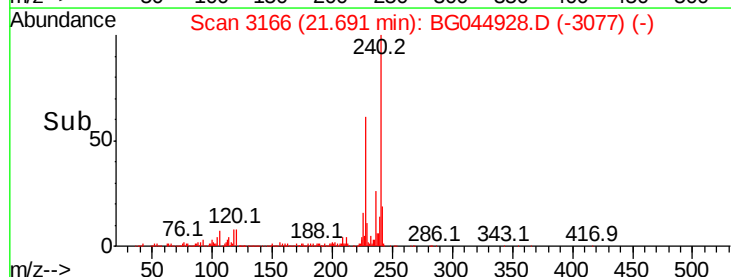
236 25.7 21.5 32.3

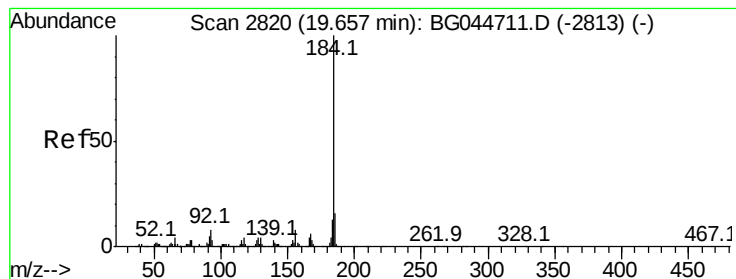


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.966 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

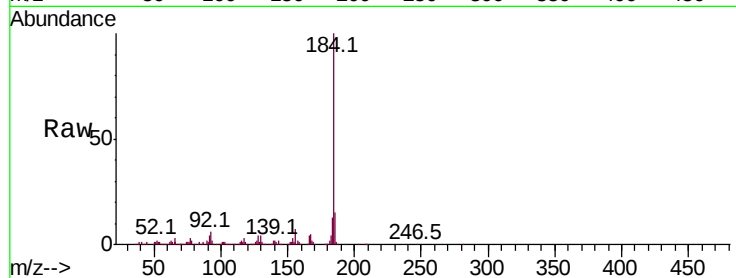
Tot Ion:184 Resp: 565890

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.4

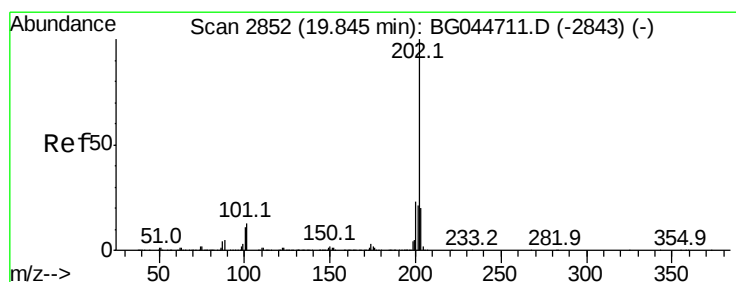
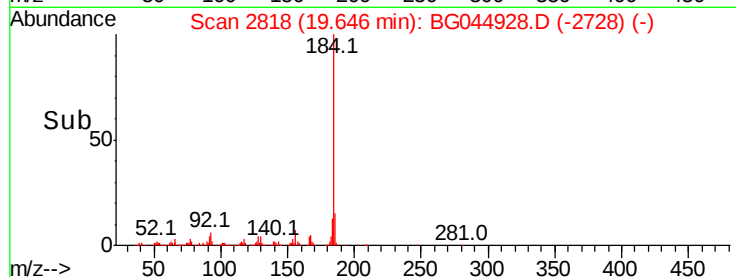
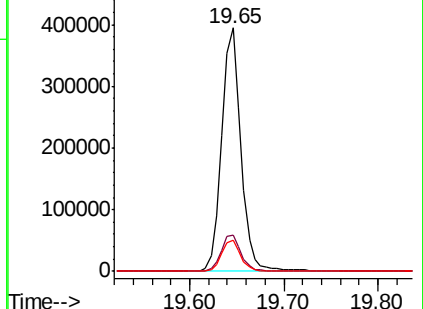
183 12.6 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.803 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

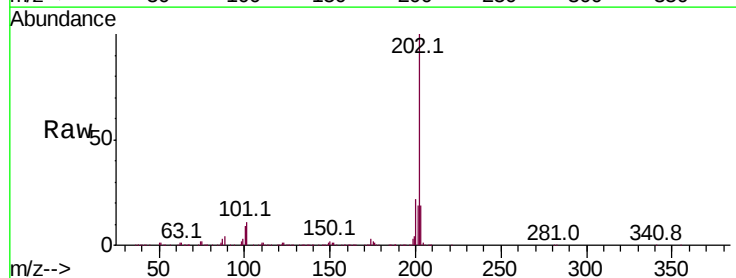
Tgt Ion:202 Resp: 1211364

Ion Ratio Lower Upper

202 100

200 22.2 18.3 27.5

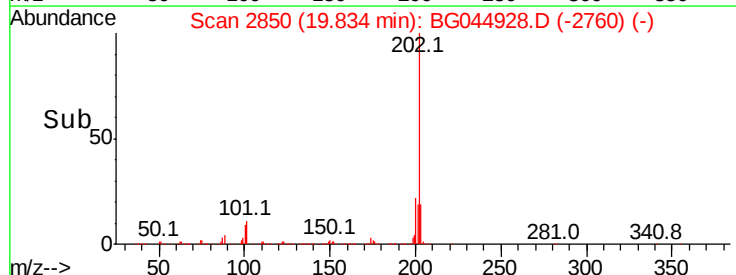
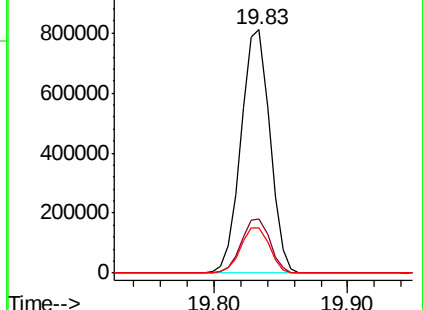
203 18.7 15.6 23.4

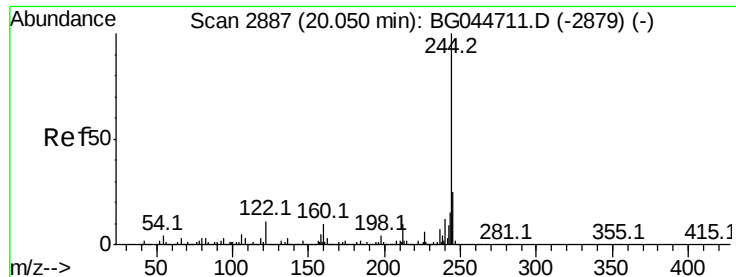


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.002 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

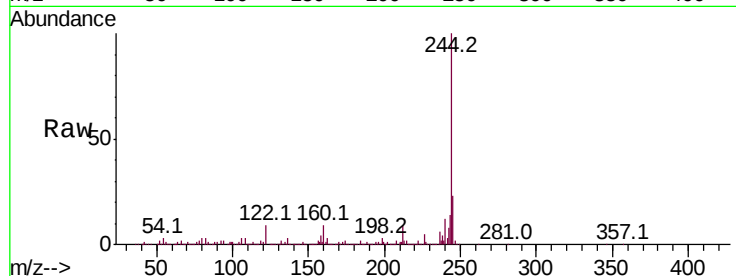
Tot Ion:244 Resp: 1751605

Ion Ratio Lower Upper

244 100

212 9.4 7.7 11.5

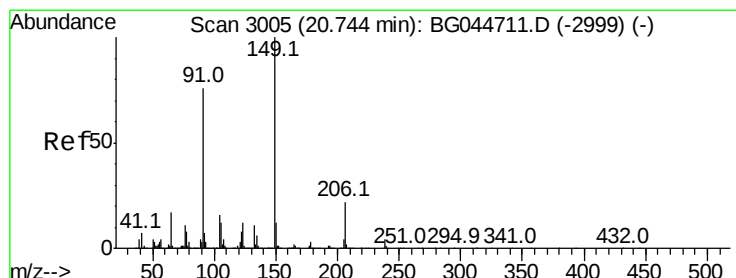
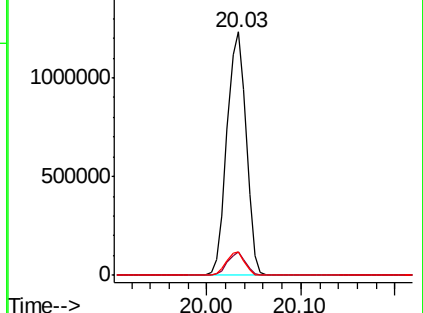
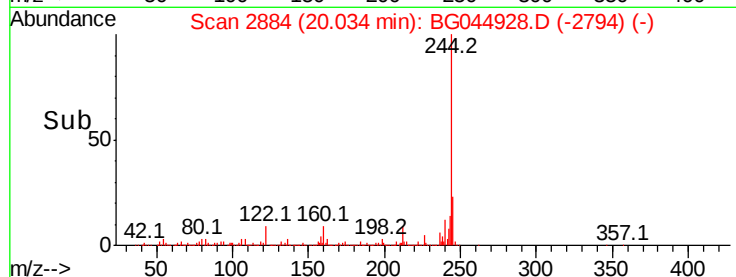
122 9.4 8.6 12.8



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: 32.668 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

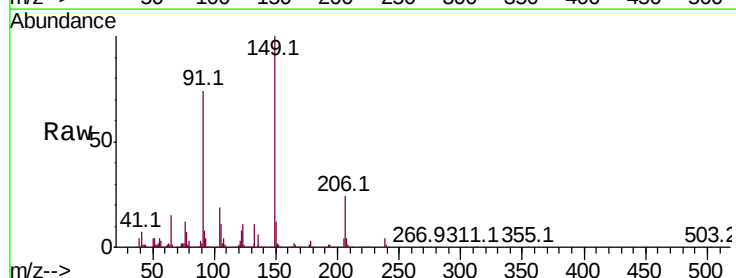
Tgt Ion:149 Resp: 453701

Ion Ratio Lower Upper

149 100

91 73.6 60.2 90.4

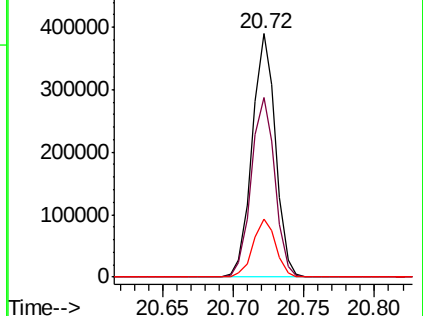
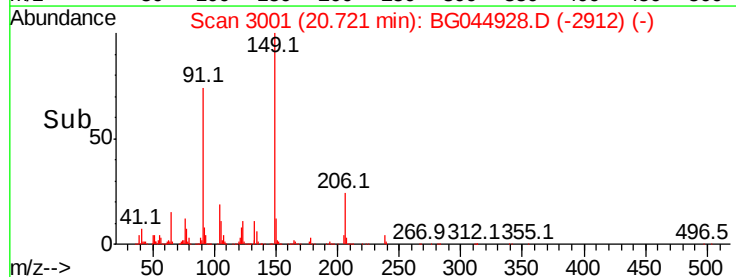
206 23.7 18.6 27.8

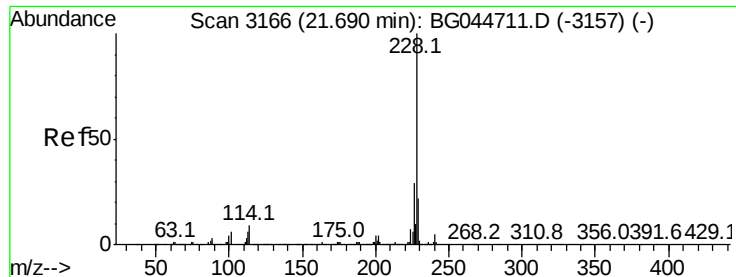


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.972 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

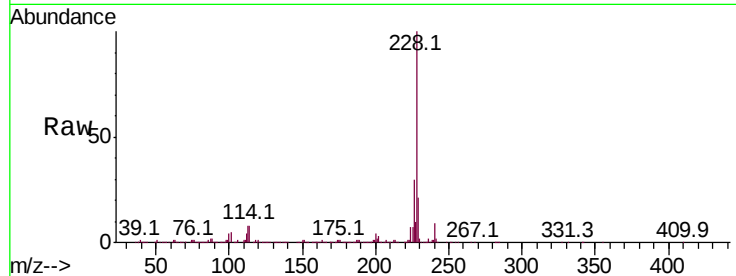
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1194089

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.6	35.4
229	21.2	17.1	25.7

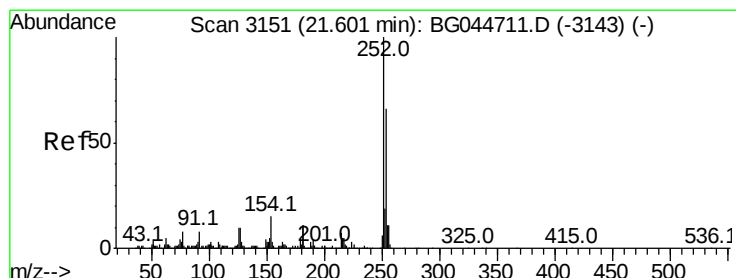
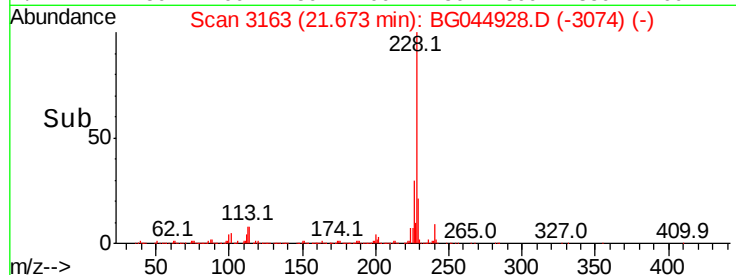
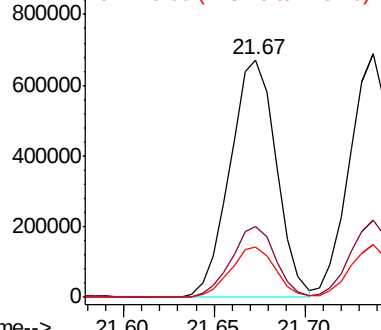


Abundance

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: 38.491 ng

RT: 21.58 min Scan# 3148

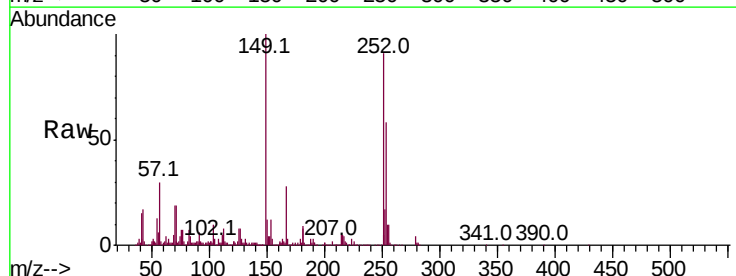
Delta R.T. -0.00 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Tgt Ion:252 Resp: 456245

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.6	77.4
126	9.1	7.0	10.6

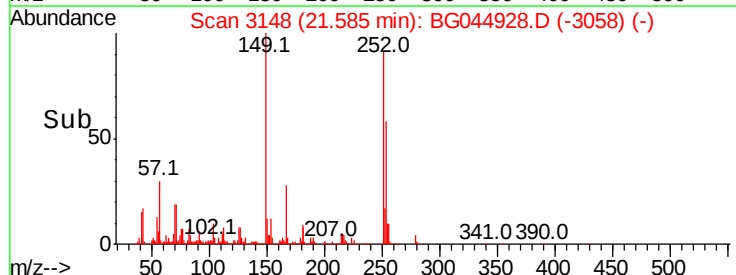
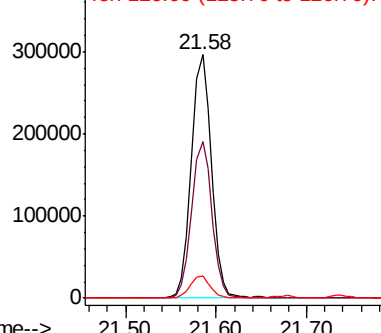


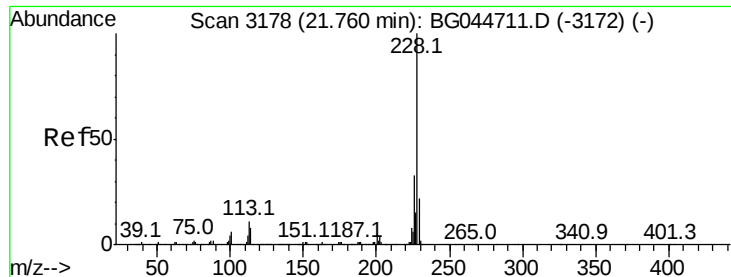
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



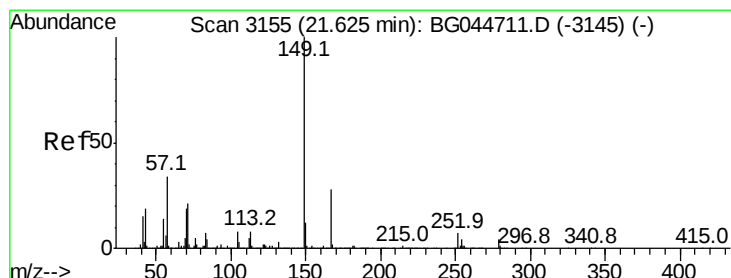
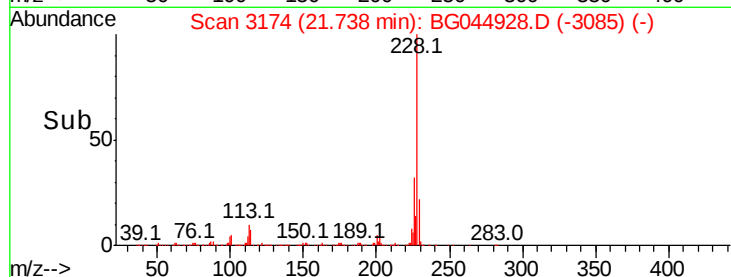
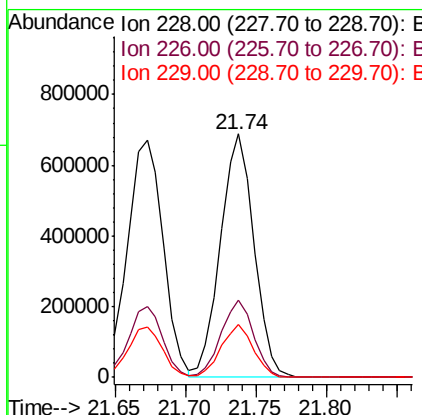
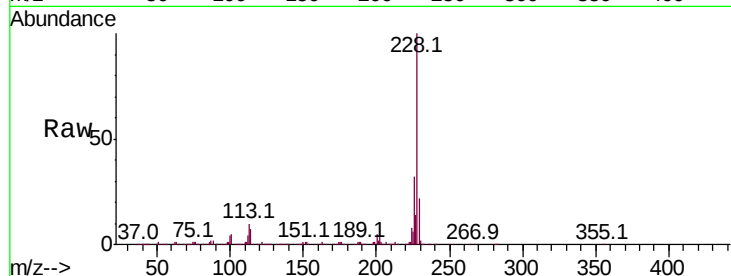


#83
Chrysene
Concen: 38.818 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 1136109

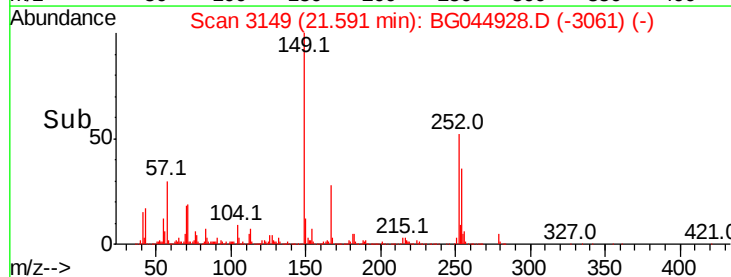
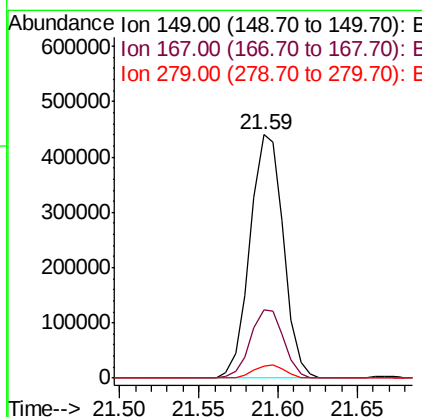
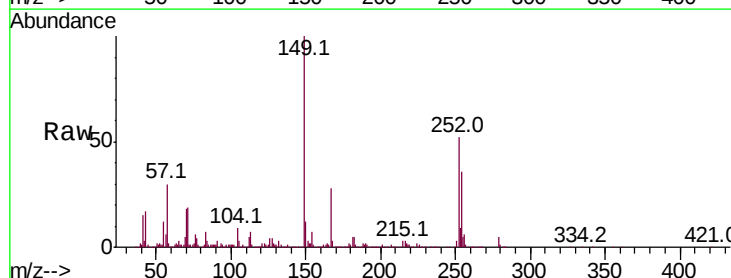
Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.9	38.9
229	21.6	17.4	26.0

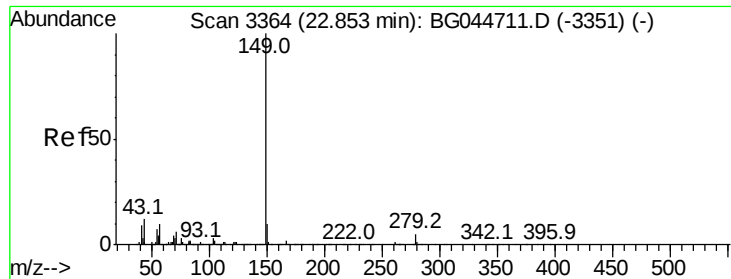


#84
Bis(2-ethylhexyl)phthalate
Concen: 33.662 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

Tgt Ion:149 Resp: 645204

Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.6
279	5.0	3.8	5.6

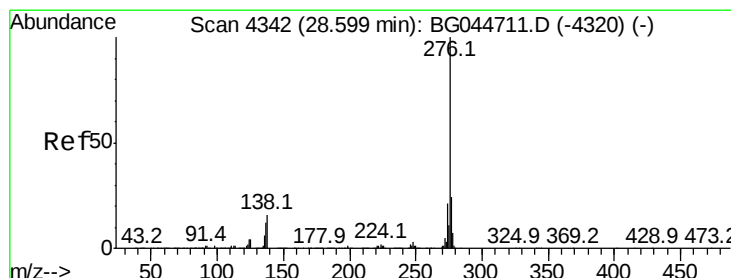
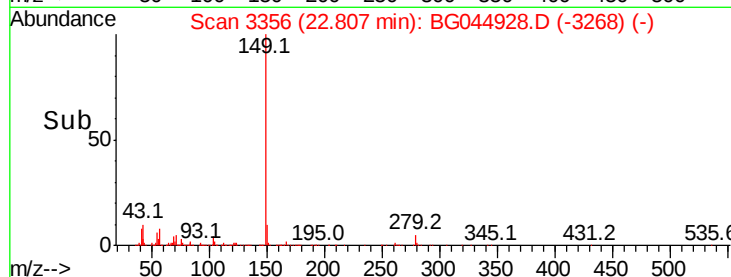
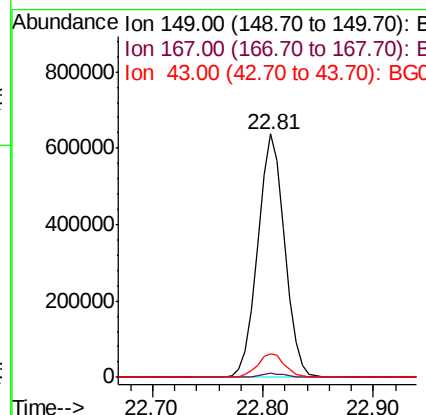
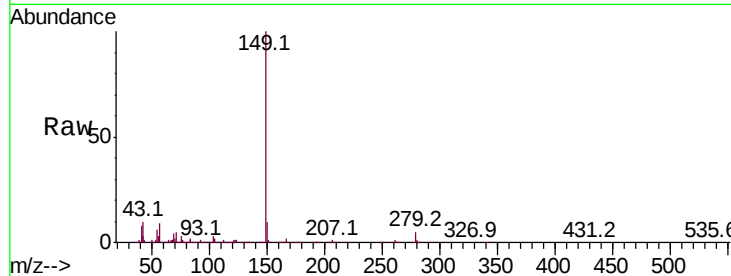




#85
Di-n-octyl phthalate
Concen: 33.921 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.02 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

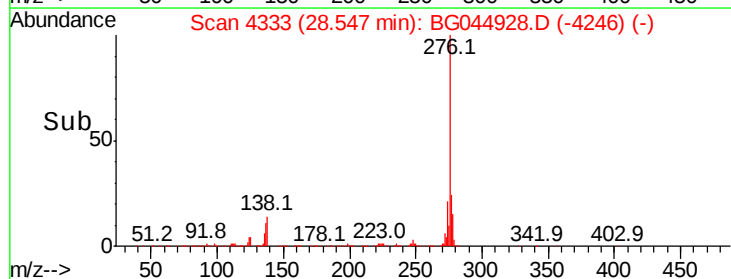
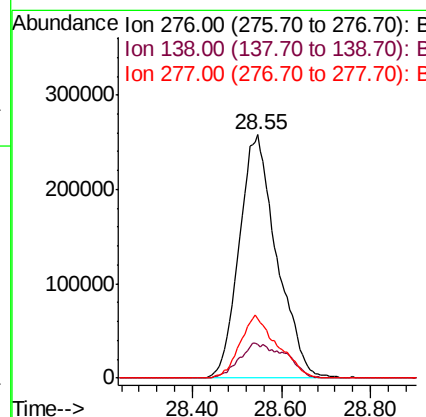
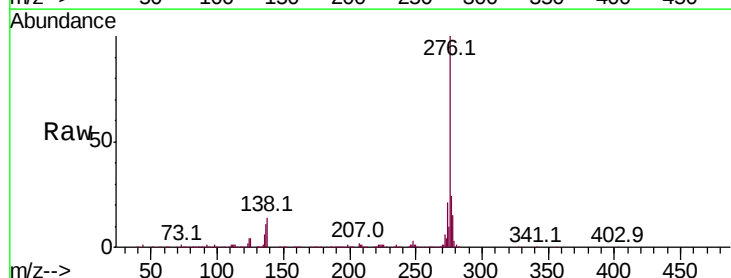
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

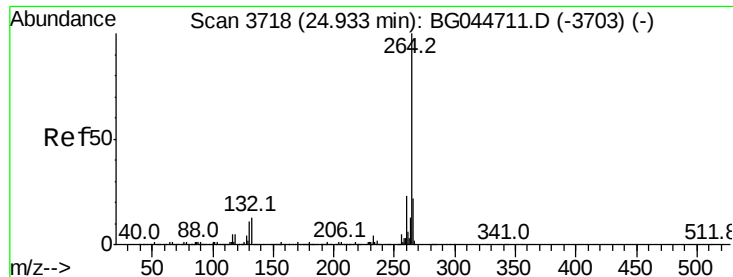
Tot Ion:149 Resp: 1088010
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.0 8.2 12.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.226 ng
RT: 28.55 min Scan# 4333
Delta R.T. -0.02 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

Tgt Ion:276 Resp: 1505132
Ion Ratio Lower Upper
276 100
138 17.7 7.4 11.0#
277 26.0 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

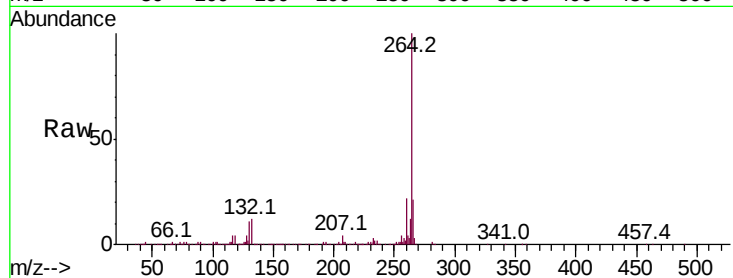
Tot Ion:264 Resp: 479448

Ion Ratio Lower Upper

264 100

260 22.1 18.1 27.1

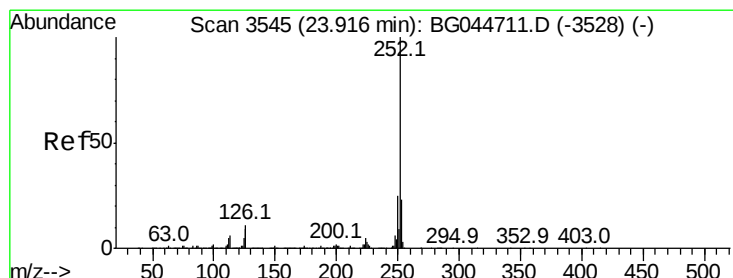
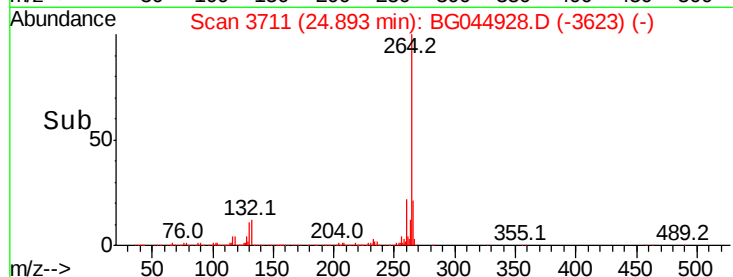
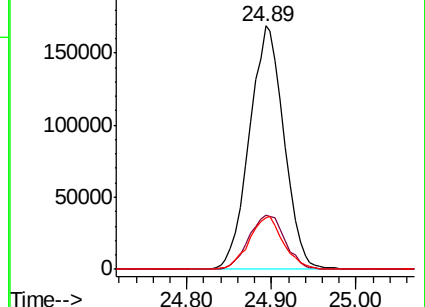
265 21.1 17.1 25.7



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: 40.956 ng

RT: 23.88 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

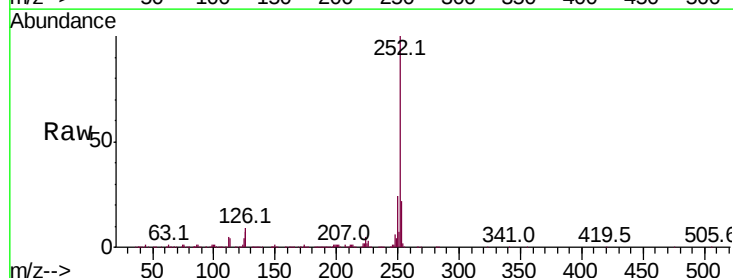
Tgt Ion:252 Resp: 1296340

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

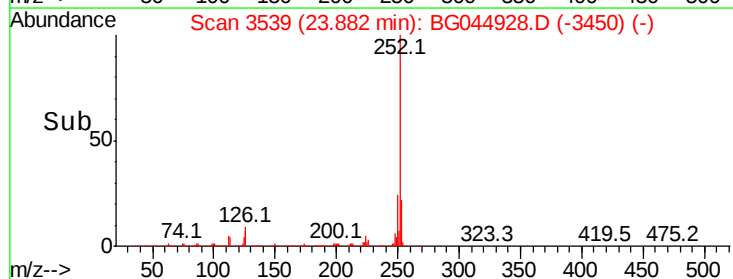
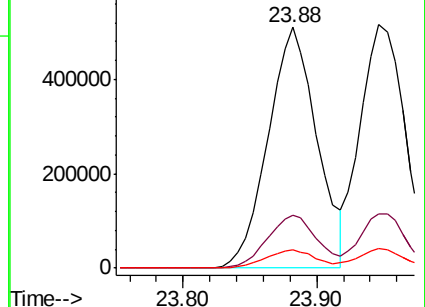
125 7.4 6.6 9.8

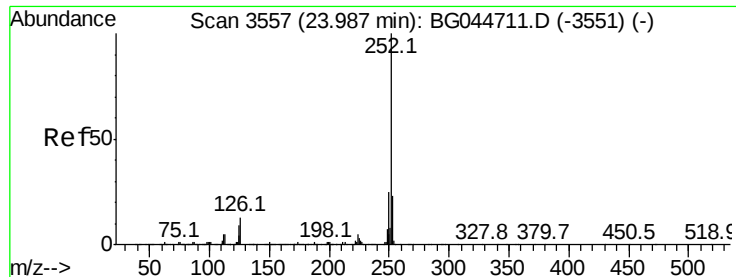


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.110 ng

RT: 23.95 min Scan# 3550

Delta R.T. -0.02 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

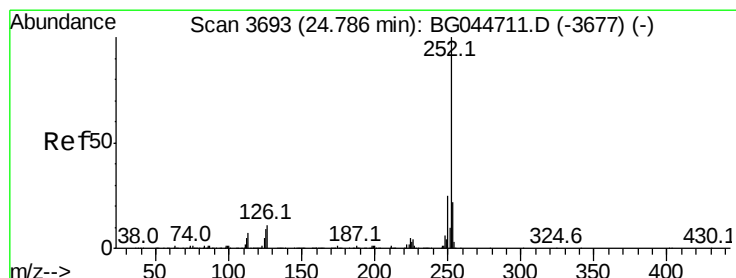
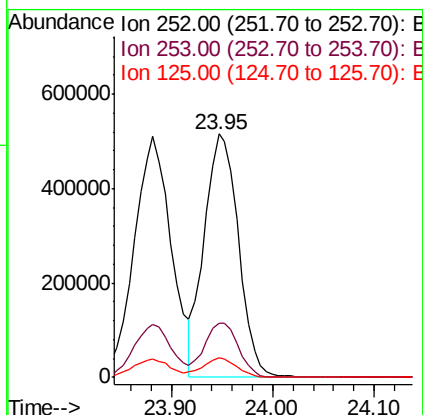
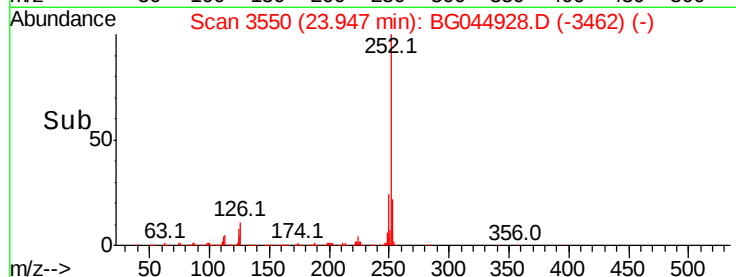
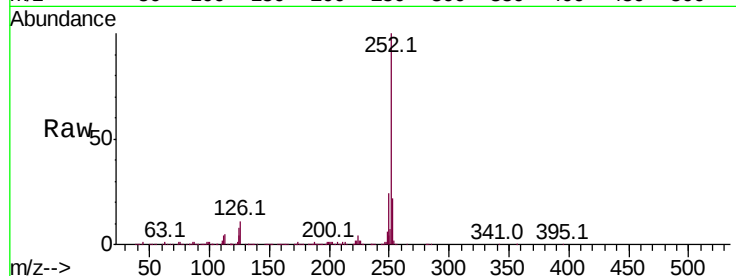
Tot Ion:252 Resp: 1201454

Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

125 8.2 6.2 9.2



#90

Benzo(a)pyrene

Concen: 40.714 ng

RT: 24.75 min Scan# 3686

Delta R.T. -0.02 min

Lab File: BG044928.D

Acq: 24 Mar 2020 13:12

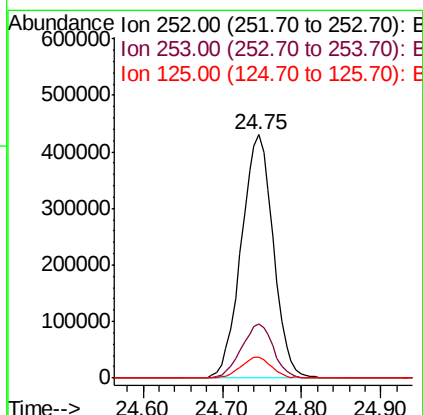
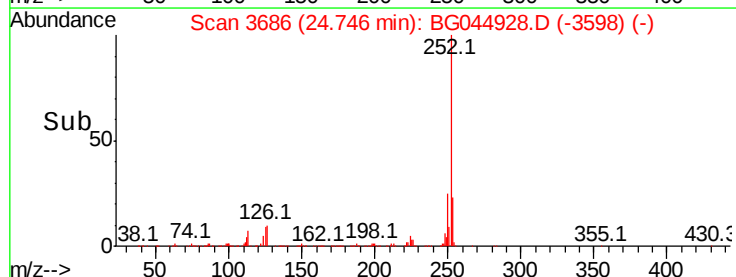
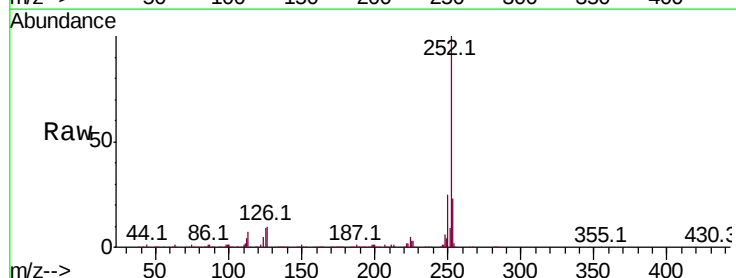
Tgt Ion:252 Resp: 1205843

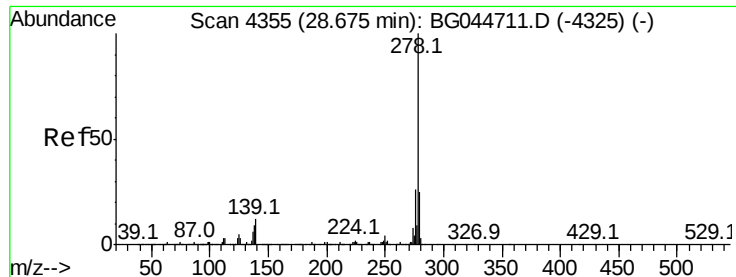
Ion Ratio Lower Upper

252 100

253 22.5 19.4 29.0

125 8.7 7.2 10.8

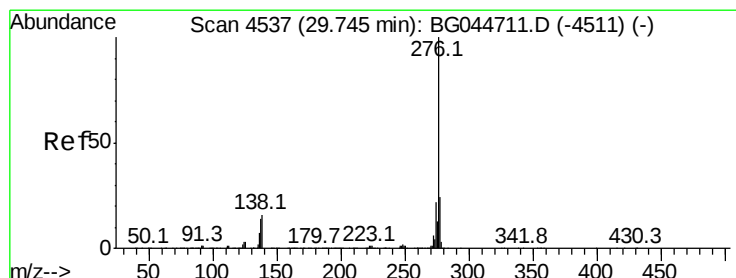
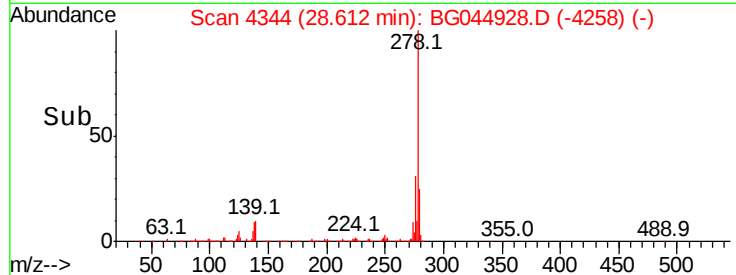
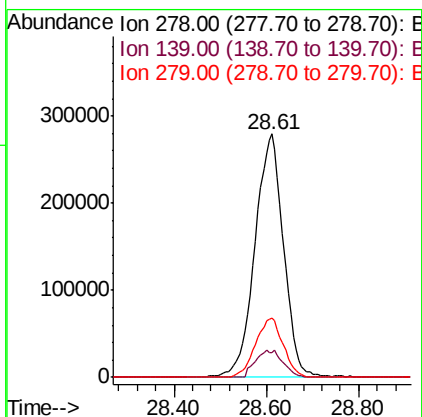
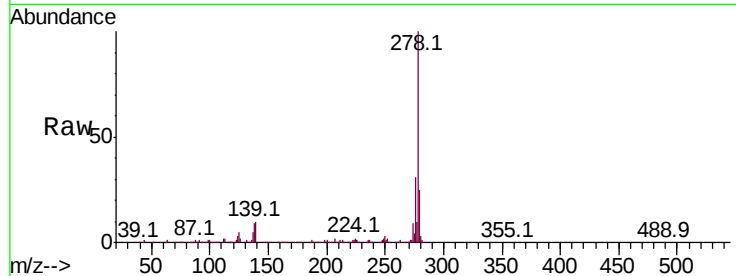




#91
Dibenzo(a,h)anthracene
Concen: 41.119 ng
RT: 28.61 min Scan# 4344
Delta R.T. -0.03 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1201459
Ion Ratio Lower Upper
278 100
139 10.0 10.2 15.2#
279 24.5 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 40.672 ng
RT: 29.68 min Scan# 4525
Delta R.T. -0.03 min
Lab File: BG044928.D
Acq: 24 Mar 2020 13:12

Tgt Ion:276 Resp: 1200666
Ion Ratio Lower Upper
276 100
277 24.5 20.1 30.1
138 15.1 13.0 19.6

